THIS CONTRACT PLAN SET INCLUDES

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
SIGNALIZATION PLANS
LIGHTING PLANS

A DETAILED INDEX APPEARS ON THE KEY SHEET
OF EACH COMPONENT SET OF PLANS

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2 - 4	SUMMARY OF PAY ITEMS
5 - 11	TYPICAL SECTIONS
12	TYPICAL SECTION DETAILS
13	SIDEWALK DETAILS
14	GENERAL NOTES
15 - 16	SUMMARY OF QUANTITIES
17	SUMMARY OF DRAINAGE STRUCTURES
18	OPTIONAL MATERIALS TABULATION
19 - 32	SUMMARY OF CONCRETE PAVEMENT REPAIRS
33 - 34	CONCRETE PAVEMENT REPAIR DETAILS
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37 - 73	PLAN
74	M.L.K. AVENUE PLAN
75	GOLCONDA RD PLAN/PROFILE
76	LAKE PARKER AVENUE PLAN
77	E. GARY ROAD DRIVEWAY GRADING PLAN
78	E. GARY ROAD PROFILE
79	DRIVEWAY PROFILE
80 - 85	DRAINAGE STRUCTURES
86	SOIL SURVEY
87 - 90	CROSS SECTIONS
91 - 95	TRAFFIC CONTROL PLANS

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION. ROADWAY AND TRAFFIC DESIGN STANDARDS (BOOKLET DATED JANUARY, 1998).

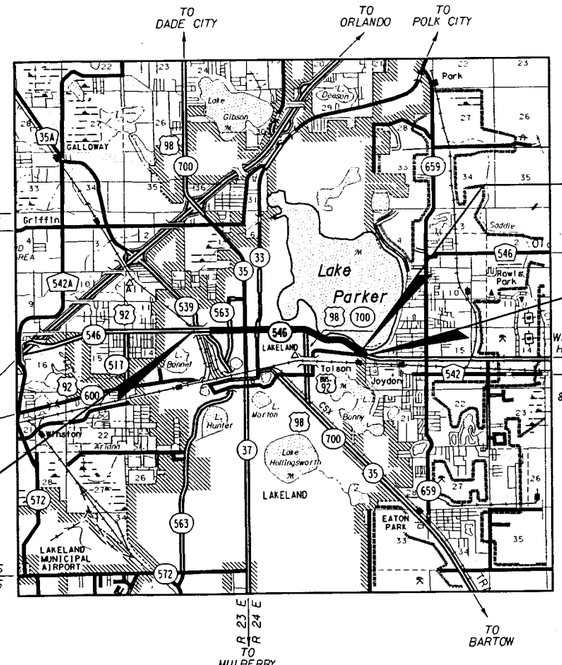
REVISIONS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

FINAL PLANS
~~PLANS OF PROPOSED~~
STATE HIGHWAY

FINANCIAL PROJECT ID 197604-1-52-01
STATE PROJECT NO. 16100-3515
(FEDERAL FUNDS)
POLK COUNTY

STATE ROAD NO. 546 (U.S. 92)



BEGIN PROJECT
STA. 232+06.324
MP. 2.898 =
kp. 4.663

MP. 5.837 (STATE PROJ. 16100-0000) =
MP. 0.000 (STATE PROJ. 16020-0000)

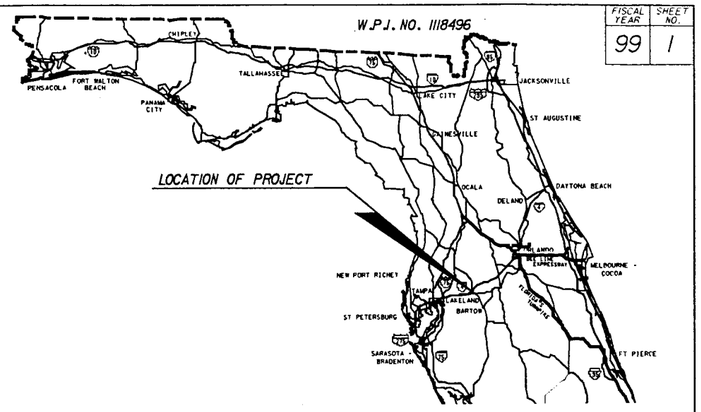
END PROJECT
STA. 280+34.638
MP. 0.061 = kp. 0.098

LENGTH OF PROJECT	METERS
ROADWAY	4 828.044
BRIDGES	0.000
NET LENGTH OF PROJ.	4 828.044
EXCEPTIONS	0.000
GROSS LENGTH OF PROJ.	4 828.044

FDOT PROJECT MANAGER : J.R. MacCalla Jr.

W.P.I. NO. 1118496

FISCAL YEAR	SHEET NO.
99	1



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Contractor:	APAC of Fla., Inc.
Design Consultant:	Faller, Davis & Assoc., Inc.
CEI Consultant:	MK Centennial
District Secretary:	David Twiddy, Jr. P.E.
Resident Engineer:	Jonathan Sands, P.E.
Project Engineer:	George D. McClintock
Conditional Acceptance:	December 18, 2000

PLANS PREPARED BY
FALLER, DAVIS & ASSOCIATES, INC.
550 N. REO STREET
SUITE 301
TAMPA, FLORIDA 33609
VENDOR NO. F592594956001

NOTE: THIS PROJECT TO BE LET TO CONTRACT WITH FINANCIAL PROJECT ID 197609-1-52-01 (STATE PROJ. 16100-3516)

THESE PLANS ARE DESIGNED TO MEET R-R-R CRITERIA.

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ALTERED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

GOVERNING SPECIFICATIONS: STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS, DATED 1999 AND SUPPLEMENTS AND SPECIAL PROVISIONS THERETO IF NOTED IN THE CONTRACT SPECIFICATIONS FOR THIS PROJECT.

NOTE: THIS IS A METRIC UNIT PROJECT

REVISIONS		
DATE	BY	DESCRIPTION

ROADWAY PLANS
ENGINEER OF RECORD: Nancy R. Faller
NANCY R. FALLER, P.E. DATE: 11/2/99
P.E. NO.: 32567

QUALITY CONTROL / QUALITY ASSURANCE REVIEW

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	2

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MANDIST: 01 COUNTY: 16 SECTION: 100 197604 1 52 01

SUMMARY OF ROADWAY PAY ITEMS

A L T	S P C	ITEM NUMBER		ITEM	UNIT	19760415201 FA PART	19760415201 FA NON PART			QUANTITY TOTAL
1	2101	1	A	MOBILIZATION	LS	1.000	.000			1.000
1	2102	1	A	MAINTENANCE OF TRAFFIC	LS	1.000	.000			1.000
5	2102	10		OFF DUTY LAW ENFORCEMENT OFFICER	HR	2400.000	.000			2400.000
2	2102	60		WORK ZONE SIGNS	ED	43675.000	.000			43675.000
2	2102	61		BUSINESS SIGNS	EA	100.000	.000			100.000
2	2102	74	1	BARRICADE (TEMPORARY)(TYPES I,II,VP & DRUM)	ED	71856.000	.000			71856.000
2	2102	74	2	BARRICADE (TEMPORARY)(TYPE III) (1800MM)	ED	3804.000	.000			3804.000
2	2102	76		PANELS ARROW ADVANCE WARNING	ED	600.000	.000			600.000
2	2102	77		HIGH INTENSITY FLASHING LIGHTS (TEMP TYPE B)	ED	21600.000	.000			21600.000
2	2102	78		MARKER PAVT REFLECTIVE (TEMPORARY)	EA	919.000	.000			919.000
5	2102	911	2	PAVT MARKING REMOVABLE (WHITE/BLACK)(SOLID)	MI	639.900	.000			639.900
5	2102	912	2	PAVT MARKING REMOVABLE (YELLOW) (SOLID)	MI	545.600	.000			545.600
1	2104	1		ARTIFICIAL COVERINGS	M2	88.000	.000			88.000
1	2104	4		MOWING	HA	.200	.000			.200
2	2104	10	1	HAY OR STRAW BALE	EA	2448.000	.000			2448.000
1	2104	11		TURBIDITY BARRIER FLOATING	MI	50.000	.000			50.000
1	2104	13	1	SILT FENCE STAKED (TYPE III)	MI	1437.000	.000			1437.000
6	2104	15		SOIL TRACKING PREVENTION DEVICE	EA	2.000	.000			2.000
1	2105	70		TRAINEE MANHOURS	HR	3000.000	.000			3000.000
2	2109	71	3	FIELD OFFICE (84 M2)	DA	330.000	.000			330.000
1	2110	1	1A	CLEARING AND GRUBBING	LS	1.000	.000			1.000
1	2110	4		PAVEMENT REMOVAL OF EXISTING CONCRETE	M2	8113.000	.000			8113.000
5	2120	1		EXCAVATION REGULAR	M3	751.000	.000			751.000
1	2160	4		STABILIZATION TYPE B	M2	4017.000	.000			4017.000
1	2162	2		TOPSOIL	M2	9643.000	.000			9643.000
1	2285	701		BASE OPTIONAL (BASE GROUP MI)	M2	1632.000	.000			1632.000
1	2285	706		BASE OPTIONAL (BASE GROUP M6)	M2	2005.000	.000			2005.000
1	2285	709		BASE OPTIONAL (BASE GROUP M9)	M2	635.000	.000			635.000
1	2300	1	1	BITUMINOUS MATERIAL (PRIME COAT)	LI	361.000	.000			361.000
1	2300	1	3	BITUMINOUS MATERIAL (TACK COAT)	LI	5576.000	.000			5576.000
1	2327	70	050	MILLING EXISTING ASPHALT PAVT (50MM AVG DEPTH)	M2	10630.000	.000			10630.000
5	2331	2		ASPHALTIC CONCRETE TYPE S	MT	1164.600	.000			1164.600
2	2337	7	3	ASPH CONC FRICTION COURSE (INC RUBBER)(60KG FC 3)	MT	851.400	.000			851.400
1	2339	1		ASPHALT PAVEMENT MISCELLANEOUS	MT	15.400	.000			15.400
5	2350	1	200	CEMENT CONCRETE PAVEMENT PLAIN (200MM)	M2	792.000	.000			792.000
5	2350	72		CLEANING & RESEALING JOINTS	MI	49537.000	.000			49537.000
5	2350	78		CLEANING AND SEALING RANDOM CRACKS	MI	1576.000	.000			1576.000
5	2352	70		GRINDING CONCRETE PAVEMENT	M2	45863.000	.000			45863.000
5	2353	72	200	CONCRETE SLAB REPLACEMENT (200 MM)	M2	2233.000	.000			2233.000
2	2354	70		PATCHING PORTLAND CEMENT CONCRETE PAVEMENT	M2	345.000	.000			345.000
1	2400	1	15	CONCRETE CLASS I (MISCELLANEOUS)'	M3	5.000	.000			5.000
1	2425	1	205	INLETS (CURB) (TYPE 9) (PARTIAL)	EA	3.000	.000			3.000
1	2425	1	315	INLETS (CURB) (TYPE P 1) (PARTIAL)	EA	1.000	.000			1.000
1	2425	1	351	INLETS (CURB) (TYPE P 5) (<3M)	EA	6.000	.000			6.000
1	2425	1	361	INLETS (CURB) (TYPE P 6) (<3M)	EA	4.000	.000			4.000
1	2425	1	415	INLETS (CURB) (TYPE J 1) (PARTIAL)	EA	1.000	.000			1.000
1	2425	1	425	INLETS (CURB) (TYPE J 2) (PARTIAL)	EA	1.000	.000			1.000
1	2425	2	63	MANHOLES (P 8) (PARTIAL)	EA	2.000	.000			2.000
1	2425	2	91	MANHOLES (J 8) (<3M)	EA	1.000	.000			1.000
1	2425	2	92	MANHOLES (J 8) (>3M)	EA	1.000	.000			1.000

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CONTRACT ITEMS CONTINUED MANDIST: 01 COUNTY: 16 SECTION: 100 197604 1 52 01

SUMMARY OF ROADWAY PAY ITEMS

A L T	S P C	ITEM NUMBER		ITEM	UNIT	19760415201 FA PART	19760415201 FA NON PART			QUANTITY TOTAL
1	2425	2	93	MANHOLES (J 8) (PARTIAL)	EA	1.000	.000			1.000
1	2425	3	43	JUNCTION BOX (P 7) (PARTIAL)	EA	1.000	.000			1.000
1	2425	5		MANHOLE (ADJUST)(STANDARD)	EA	3.000	.000			3.000
1	2426	732	023	SLOTTED DRAIN PIPE (CORR STEEL)(GA 16)(375MM)	MI	52.000	.000			52.000
1	2426	732	025	SLOTTED DRAIN PIPE (CORR STEEL)(GA 16)(450MM)	MI	63.500	.000			63.500
1	2430	171	23	PIPE STORM SEWER CULV (OPTIONAL MATERIAL)(375MM)	MI	6.500	.000			6.500
1	2430	171	25	PIPE STORM SEWER CULV (OPTIONAL MATERIAL)(450MM)	MI	26.800	.000			26.800
2	2430	941	23	PIPE DESILTING (375MM SS)	MI	9.800	.000			9.800
1	2430	982	125	MITERED END SECTION (OPTION PIPE ROUND)(450MM CD)	EA	1.000	.000			1.000
1	2515	1	2	PIPE HANDRAIL (ALUMINUM)	MI	34.400	.000			34.400
1	2520	1	1	CURB & GUTTER CONCRETE (TYPE E)	MI	32.400	.000			32.400
1	2520	1	2	CURB & GUTTER CONCRETE (TYPE F)	MI	1791.800	.000			1791.800
1	2520	2	2	CURB CONCRETE (TYPE B)	MI	1781.100	.000			1781.100
1	2520	5	11	TRAFFIC SEPARATOR CONC. (TYPE I) (1.2M WIDE)	MI	174.000	.000			174.000
1	2520	5	21	TRAFFIC SEPARATOR CONC. (TYPE II) (1.2M WIDE)	MI	796.600	.000			796.600
1	2522	1		SIDEWALK CONCRETE (100MM)	M2	2736.000	.000			2736.000
1	2522	2		SIDEWALK CONCRETE (150MM THICK)	M2	2111.000	.000			2111.000
1	2530	3	4	RIPRAP (RUBBLE) (DITCH LINING)	MT	8.500	.000			8.500
1	2536	1	1	GUARDRAIL (ROADWAY)	MI	125.700	.000			125.700
2	2536	73		GUARDRAIL REMOVAL	MI	11.400	.000			11.400
4	2536	85	6	GUARDRAIL END ANCHORAGE ASSEMBLY ET 2000	EA	4.000	.000			4.000
4	2536	85	7	GUARDRAIL END ANCHORAGE ASSEMBLY SRT 350	EA	1.000	.000			1.000
1	2550	2	6	FENCING, TYPE B (1.2M HT)	MI	131.200	.000			131.200
1	2550	3	6	FENCE CORNER POST ASSM (TYPE B) (1.2M HT)	EA	2.000	.000			2.000
1	2550	6	4	FENCE END POST ASSM (TYPE B) (1.2M HT)	EA	2.000	.000			2.000
1	2570	5		FERTILIZER	MT	1.800	.000			1.800
1	2570	9		WATER FOR GRASSING	KL	97.000	.000			97.000
1	2575	1		SODDING	M2	8502.000	.000			8502.000
1	2575	1	6	SODDING (BERMUDA)	M2	1141.000	.000			1141.000
1	2710	6		DIRECTIONAL ARROW (PAINTED)	EA	181.000	.000			181.000
1	2710	7		PAVEMENT MESSAGE, PAINTED	EA	34.000	.000			34.000
1	2710	21		TRAFFIC STRIPE SKIP (WHITE/BLACK/BLUE)	GK	11.019	.000			11.019
1	2710	22		TRAFFIC STRIPE SKIP (YELLOW)	GK	1.964	.000			1.964
5	2710	23	61	TRAFFIC STRIPE SOLID (WHITE/BLACK/BLUE 150MM)	NK	11.616	.000			11.616
5	2710	23	81	TRAFFIC STRIPE SOLID (WHITE/BLACK/BLUE 200MM)	NK	1.639	.000			1.639
5	2710	23	121	TRAFFIC STRIPE SOLID (WHITE/BLACK/BLUE 300MM)	NK	1.721	.000			1.721
5	2710	24	61	TRAFFIC STRIPE SOLID (YELLOW) (150MM)	NK	14.494	.000			14.494
5	2710	24	181	TRAFFIC STRIPE SOLID (YELLOW) (450MM)	NK	.178	.000			.178
5	2710	25	181	TRAFFIC STRIPE SOLID (WHITE/BLACK/BLUE 450MM)	MI	261.900	.000			261.900
5	2710	25	241	TRAFFIC STRIPE SOLID (WHITE/BLACK/BLUE 600MM)	MI	529.400	.000			529.400
2	2999	25	A	INITIAL CONTINGENCY AMOUNT (DO NOT BID)	LS	.000	1.000			1.000

NOTE: * IDENTIFIES ITEMS NORMALLY REQUIRING SHOP DRAWINGS CONTRACTOR SHALL DETERMINE OTHER ITEMS REQUIRING SHOP DRAWINGS.

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS												
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF PAY ITEMS (1)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	3

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MANDIST: 01 COUNTY: 16 SECTION: 100 197604 1 52 01

SUMMARY OF SIGNING PAY ITEMS

A L T	S P C	ITEM NUMBER	ITEM	UNIT	197604152O1 FA PART				QUANTITY TOTAL
1		2700 40 1	SIGN SINGLE POST (< 1.25)	AS	58.000				58.000
1		2700 41 10	SIGN MULTI POST (5 OR LESS)	AS	6.000				6.000
1		2700 46 11	SIGN EXISTING (REMOVAL) (SINGLE POST)	AS	42.000				42.000
1		2700 46 12	SIGN EXISTING (REMOVAL) (MULTI POST)	AS	4.000				4.000
1		2700 46 21	SIGN EXISTING (RELOCATE) (SINGLE POST)	AS	1.000				1.000
1		2700 47 1	SIGN EXISTING(INSION BREAKAWAY SUPPT(SINGLE POST)	AS	13.000				13.000
1		2700 48 18	SIGN PANEL (FBI) (1.75 OR LESS)	EA	1.000				1.000
5		2705 71	DELINEATOR TUBULAR (FLEXIBLE)	EA	25.000				25.000
2		2706 3	RETRO REFLECTIVE PAVEMENT MARKERS	EA	2168.000				2168.000
1		2710 29	REFLECTIVE PAINT (ISLAND NOSE)(WHITE)	M2	3.700				3.700
1		2710 30	REFLECTIVE PAINT (ISLAND NOSE)(YELLOW)	M2	20.700				20.700
1		2711 7	PAVEMENT MARKING(THERMOPLASTIC)(REMOVAL)	M2	783.500				783.500

NOTE: • IDENTIFIES ITEMS NORMALLY REQUIRING SHOP DRAWINGS CONTRACTOR SHALL DETERMINE OTHER ITEMS REQUIRING SHOP DRAWINGS.

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PAGE 01 OF 01

MANDIST: 01 COUNTY: 16 SECTION: 100 197604 1 52 01

SUMMARY OF LIGHTING PAY ITEMS

A L T	S P C	ITEM NUMBER	ITEM	UNIT	197604152O1 FA PART				QUANTITY TOTAL
1		2400 1 15	CONCRETE CLASS I (MISCELLANEOUS)	M3	36.000				36.000
4		2555 1 1	DIRECTIONAL BORE (LESS THAN 150MM)	MI	720.600				720.600
1		2620 1	GROUNDING (FURNISH & INSTALL) •	MI	603.000				603.000
1		2630 1 22	CONDUIT (FURNISH) (UNDERGROUND) •	MI	1441.200				1441.200
1		2715 2 112	CONDUIT(FBI UNDERGROUND)(PVC SCH 40) (41 TO 63•	MI	3754.100				3754.100
1		2715 2 212	CONDUIT(FBI UNDERPAVEMENT)(PVC SCH 40) (41 TO 63•	MI	427.800				427.800
1		2715 5 50	LUMINAIRE & BRACKET ARM (REMOVE)	EA	2.000				2.000
1		2715 7 11	LOAD CENTER (FBI) (SECONDARY VOLTAGE)	EA	3.000				3.000
1		2715 14 11	PULL BOX (FBI) (ROADSIDE•	EA	123.000				123.000
1		2715 111 104	CONDUCTOR (FBI)(INSULATED) (NO. 6-	MI	9352.700				9352.700
1		2715 111 105	CONDUCTOR (FBI)(INSULATED) (NO. 4•	MI	5361.700				5361.700
2		2715 500 1	POLE CABLE DISTRIBUTION SYSTEM (CONVENTIONAL)	EA	72.000				72.000
2		2715 511 114	LIGHT POLE COMP(FBI)(SGL ARM SHLDR MNT ALUM)(14M•	EA	72.000				72.000
2		2715 550 000	LIGHT POLE COMP (REMOVE) •	EA	146.000				146.000

NOTE: • IDENTIFIES ITEMS NORMALLY REQUIRING SHOP DRAWINGS CONTRACTOR SHALL DETERMINE OTHER ITEMS REQUIRING SHOP DRAWINGS.

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF PAY ITEMS (2)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	4

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MANDIST: 01 COUNTY: 16 SECTION: 100 197604 1 52 01

SUMMARY OF SIGNAL PAY ITEMS

A L T	S P C	ITEM NUMBER			ITEM	UNIT	197604152O1 FA PART				QUANTITY TOTAL
4	2555	1	1		DIRECTIONAL BORE (LESS THAN 150MM)	MI	454.000				454.000
1	2620	1			GROUNDING (FURNISH & INSTALL) *	MI	690.000				690.000
1	2630	1	11		CONDUIT (FURNISH & INSTALL)(ABOVEGROUND) *	MI	85.900				85.900
1	2630	1	12		CONDUIT (FURNISH & INSTALL)(UNDERGROUND) *	MI	684.100				684.100
1	2630	1	13		CONDUIT (FURNISH & INSTALL)(UNDER PAVEMENT) *	MI	1501.300				1501.300
1	2630	1	22		CONDUIT (FURNISH) (UNDERGROUND) *	MI	1076.000				1076.000
1	2632	7	1		CABLE (SIGNAL) (FURNISH & INSTALL)*	PI	7.000				7.000
1	2632	8	131		CABLE (INTERCONNECT)(INS) (AERIAL)	MI	89.500				89.500
1	2632	8	132		CABLE (INTERCONNECT)(INS) (UNDERGROUND)	MI	241.100				241.100
1	2635	1	11		PULL & JUNCTION BOXES (F8I) (PULL BOX)*	EA	112.000				112.000
1	2639	1	22		ELECTRICAL POWER SERVICE (UNDERGROUND)	AS	7.000				7.000
1	2639	2	1		ELECTRICAL SERVICE WIRE (F8I)	MI	107.300				107.300
1	2641	41	4		STRAIN POLE CONCRETE(F8I)(4M TYPE N II) *	EA	6.000				6.000
5	2647	11	10		MAST ARM COMB,STD(STEEL SINGLE) (F8I)(10M)*	EA	1.000				1.000
5	2647	11	13		MAST ARM COMB,STD(STEEL SINGLE) (F8I)(13M)*	EA	3.000				3.000
5	2647	11	15		MAST ARM COMB,STD(STEEL SINGLE) (F8I)(15M)*	EA	1.000				1.000
5	2647	11	16		MAST ARM COMB,STD(STEEL SINGLE) (F8I)(16M)*	EA	1.000				1.000
5	2647	11	18		MAST ARM COMB,STD(STEEL SINGLE) (F8I)(18M)*	EA	3.000				3.000
5	2647	11	19		MAST ARM COMB,STD(STEEL SINGLE) (F8I)(19M)*	EA	2.000				2.000
5	2647	11	22		MAST ARM COMB,STD(STEEL SINGLE) (F8I)(22M)*	EA	2.000				2.000
5	2647	13	28		MAST ARM COMB,STD(STEEL DOUBLE) (F8I)(28M)*	EA	3.000				3.000
5	2647	13	30		MAST ARM COMB,STD(STEEL DOUBLE) (F8I)(30M)*	EA	1.000				1.000
5	2647	13	31		MAST ARM COMB,STD(STEEL DOUBLE) (F8I)(31M)*	EA	1.000				1.000
5	2647	13	36		MAST ARM COMB,STD(STEEL DOUBLE) (F8I)(36M)*	EA	1.000				1.000
5	2647	13	39		MAST ARM COMB,STD(STEEL DOUBLE) (F8I)(39M)*	EA	1.000				1.000
1	2650	1	111		SIGNAL TRAFFIC, 305MM STD(F8I) (1 SECT 1 WAY)*	AS	2.000				2.000
1	2650	1	131		SIGNAL TRAFFIC, 305MM STD(F8I) (3 SECT 1 WAY)*	AS	48.000				48.000
1	2650	9	151		SIGNAL TRAFFIC, 305MM STD(F8I) (5 SECT CLUSTER)*	AS	12.000				12.000
1	2653	111			SIGNAL PEDESTRIAN (F8I)(305MM INCANDESCENT) *	AS	24.000				24.000
1	2653	112			SIGNAL PEDESTRIAN (F8I)(305MM INCANDESCENT) *	AS	9.000				9.000
1	2659	101			SIGNAL HEAD AUXILARIES (BACK PLATE) *	EA	25.000				25.000
1	2659	106			SIGNAL HEAD AUXILARIES (TUNNEL VISOR) *	EA	210.000				210.000
1	2659	108			SIGNAL HEAD AUXILARIES (STEEL PEDESTAL) *	EA	15.000				15.000
1	2659	118			SIGNAL HEAD AUXILARIES (BACK PLATES 5 SECT CLU)*	EA	5.000				5.000
1	2660	1	109		LOOP DETECTOR INDUCTIVE (F8I) (TYPE 9)*	EA	66.000				66.000
1	2660	1	110		LOOP DETECTOR INDUCTIVE (F8I) (TYPE 10)*	EA	2.000				2.000
1	2660	2	102		LOOP ASSEMBLY (F8I) (TYPE B)*	AS	44.000				44.000
1	2660	2	106		LOOP ASSEMBLY (F8I) (TYPE F)*	AS	42.000				42.000
1	2665	11			DETECTOR PEDESTI(F8I)(DET STA POLE OR CABINET MTD)*	EA	17.000				17.000
1	2665	13			DETECTOR PEDESTRIAN(F8I)(DETECTOR WITH SIGN ONLY)*	EA	19.000				19.000
1	2670	113	01		CNTRL ASSEM ACT SS F8I(D 4 4,CLOSED LOOP) *	AS	6.000				6.000
1	2670	113	11		CNTRL ASSEM ACT SS F8I(D 4 4,I PRE PLN,CLSD LOOP*	AS	1.000				1.000
5	2685	319			SYSTEM AUXILIARIES (INS)(TELEMENTRY RECEIVER)	EA	5.000				5.000
5	2685	328			SYSTEM AUXILIARIES (INS) (INTERFACE PANEL)	EA	5.000				5.000
1	2690	10			SIGNAL HEAD TRAFFIC ASSEMBLY REMOVAL	EA	64.000				64.000
1	2690	20			SIGNAL PEDESTRIAN ASSEMBLY REMOVAL	EA	42.000				42.000
1	2690	30			POLE REMOVAL	EA	23.000				23.000
1	2690	50			CNTRL ASSEM REMOVE	EA	7.000				7.000
1	2690	80			SPAN WIRE ASSEMBLY REMOVE	EA	23.000				23.000
1	2690	90			CONDUIT & CABLING REMOVAL	PI	7.000				7.000

1 1/08/99 CESPJ15 2
CES0152 PAGE 02 OF 02

CONTRACT ITEMS CONTINUED MANDIST: 01 COUNTY: 16 SECTION: 100 197604 1 52 01

SUMMARY OF SIGNAL PAY ITEMS

A L T	S P C	ITEM NUMBER			ITEM	UNIT	197604152O1 FA PART				QUANTITY TOTAL
1	2690	91			SIGNAL INTERCONNECT CABLE REMOVE	MI	268.000				268.000
1	2690	100			SIGNAL EQUIPMENT MISCELLANEOUS REMOVAL	PI	7.000				7.000
1	2700	48	18		SIGN PANEL (F8I) (1.75 OR LESS)	EA	2.000				2.000
1	2700	89	1		SIGN ELEC POWERED (INTERNALLY ILLUMINATED*	EA	27.000				27.000

NOTE: * IDENTIFIES ITEMS NORMALLY REQUIRING SHOP DRAWINGS CONTRACTOR SHALL DETERMINE OTHER ITEMS REQUIRING SHOP DRAWINGS.

1 1/08/99 CESPJ15 2
CES0152 PAGE 01 OF 01

MANDIST: 01 COUNTY: 16 SECTION: 100 197604 1 52 01

SUMMARY OF LANDSCAPE PAY ITEMS

A L T	S P C	ITEM NUMBER			ITEM	UNIT	197604152O1	197609152O1 FA PART			QUANTITY TOTAL
1	2104	4			MOWING	HA		.400			.400
1	2570	5			FERTILIZER	MT		.100			.100
1	2570	9			WATER FOR GRASSING	KL		81.000			81.000
1	2570	11			WATER FOR PLANT ESTABLISHMENT	KL		3240.000			3240.000
1	2575	1	1		SODDING (BAHIA)	M2		500.700			500.700
1	2580	1			PREPARED TOPSOIL	M3		851.000			851.000
1	2580	301	1		STAKING & GUYING (TREES)	EA		71.000			71.000
1	2580	326	4		MULCH & BARK (WOOD CHIP)	M2		1603.000			1603.000
1	2581	3			GROUND COVER (4 LITER CONTAINER)	EA		1403.000			1403.000
1	2582	2			SHRUBS (1 LITER CONTAINER)	EA		2325.000			2325.000
1	2582	4			SHRUBS (26 LITER CONTAINER)	EA		18.000			18.000
1	2583	7			TREE (1 1/4 OR > LITER CONTAINER)	EA		71.000			71.000
5	2590	70	B		IRRIGATION SYSTEM	LS		1.000			1.000

NOTE: * IDENTIFIES ITEMS NORMALLY REQUIRING SHOP DRAWINGS CONTRACTOR SHALL DETERMINE OTHER ITEMS REQUIRING SHOP DRAWINGS.

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

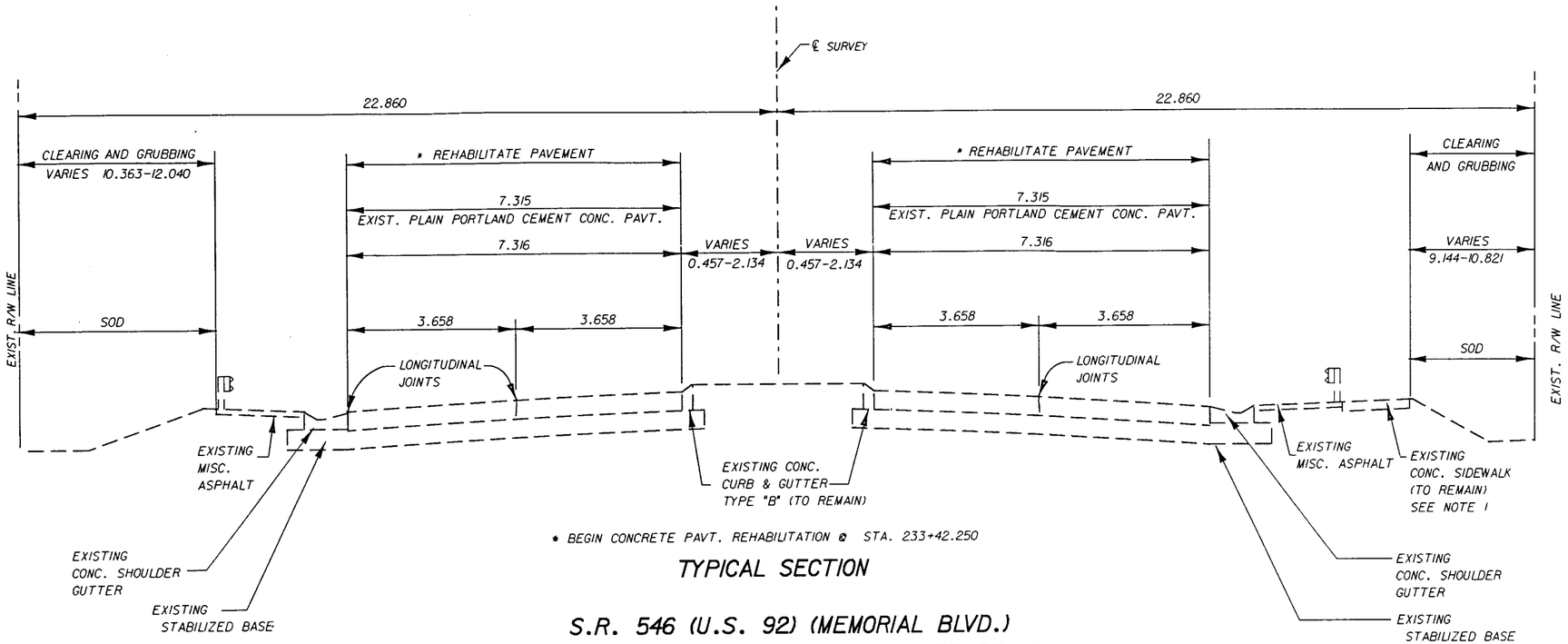
REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF PAY ITEMS (3)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	5



* BEGIN CONCRETE PAVT. REHABILITATION @ STA. 233+42.250

TYPICAL SECTION

S.R. 546 (U.S. 92) (MEMORIAL BLVD.)
STA. 232+06.324 - STA. 235+33.400

REHABILITATE CONCRETE PAVEMENT BY CLEANING & RESEALING JOINTS, CLEANING & SEALING RANDOM CRACKS, GRINDING CONCRETE PAVEMENT, REPLACING DAMAGED CONCRETE PAVEMENT SLABS, PATCHING PORTLAND CEMENT CONCRETE PAVEMENT, & WATERPROOFING CONCRETE PAVEMENT JOINTS.

LIMITS OF FENCE REPLACEMENT ONLY
STA. 232+06.324 - STA. 233+37.503

TRAFFIC DATA

CURRENT YEAR ESTIMATE = 1999 AADT = 46 500 (CONSTRAINED)
OPENING YEAR ESTIMATE = 2000 AADT = 46 500 (CONSTRAINED)
DESIGN YEAR ESTIMATE = 2020 AADT = 46 500 (CONSTRAINED)
K30 = 9.00% D30 = 55.00% T = 8.3% (24 HOUR)

DESIGN HOUR T = 4.2%
DESIGN SPEED = 70 km/h
POSTED SPEED = 45 MPH

TYPICAL SECTION NOTES:

1. SIDEWALK EXISTS FOR THE LIMITS SHOWN ON TYPICAL. SEE PLANS FOR LOCATION OF SIDEWALK REPLACEMENT.
2. EXISTING TREES AND SHRUBS LOCATED OUTSIDE THE CLEAR ZONE ARE TO REMAIN.

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
Plans Preparation Milestone Engineer — Date
Plans Preparation Milestone Engineer — Date
QC: Self Checker (Check Group or Circle & Revon Incorrect) — Date
QED Certification (Engineer) — Date

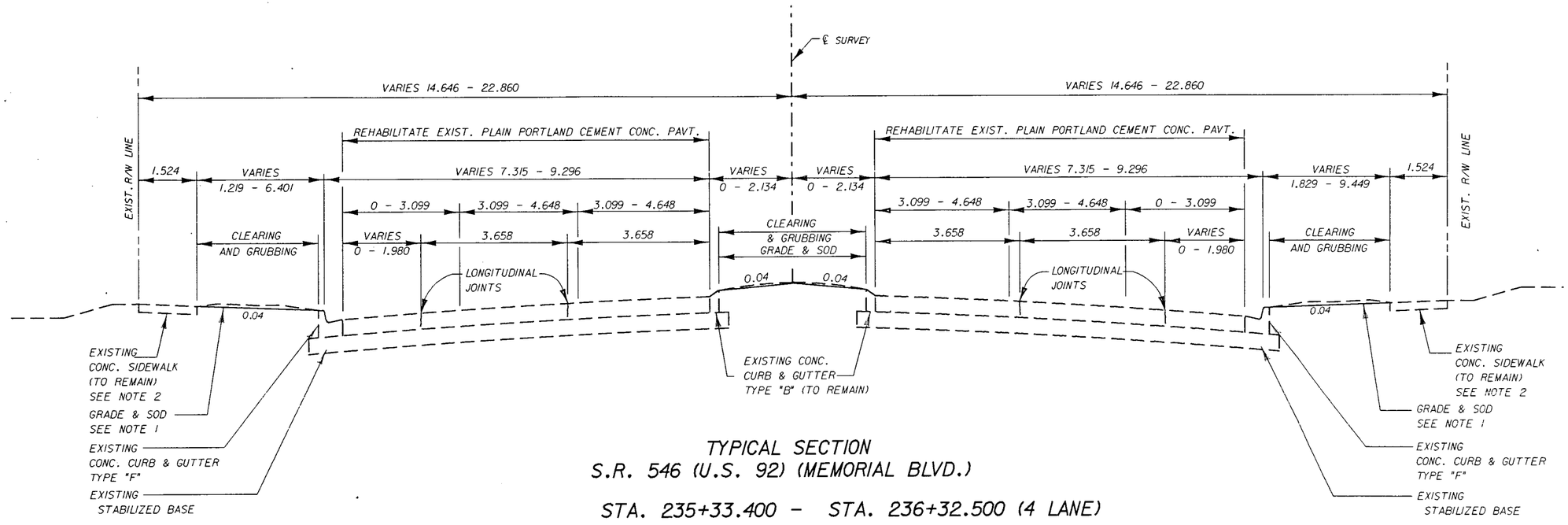
REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION (1)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	6



TYPICAL SECTION
S.R. 546 (U.S. 92) (MEMORIAL BLVD.)

STA. 235+33.400 - STA. 236+32.500 (4 LANE)
STA. 236+32.500 - STA. 266+93.141 (6 LANE)

REHABILITATE CONCRETE PAVEMENT BY CLEANING & RESEALING JOINTS, CLEANING & SEALING RANDOM CRACKS, GRINDING CONCRETE PAVEMENT, REPLACING DAMAGED CONCRETE PAVEMENT SLABS, PATCHING PORTLAND CEMENT CONCRETE PAVEMENT, & WATERPROOFING CONCRETE PAVEMENT JOINTS.

TRAFFIC DATA

CURRENT YEAR ESTIMATE = 1999 AADT = 46 500 (CONSTRAINED)
OPENING YEAR ESTIMATE = 2000 AADT = 46 500 (CONSTRAINED)
DESIGN YEAR ESTIMATE = 2020 AADT = 46 500 (CONSTRAINED)
K30 = 9.00% D30 = 55.00% T = 8.3% (24 HOUR)

DESIGN HOUR T = 4.2%
DESIGN SPEED = 70 km/h
POSTED SPEED =
STA. 235+33.400 - STA. 236+80.000 - 45MPH
STA. 236+80.000 - STA. 243+80.000 - 40MPH
STA. 243+80.000 - STA. 263+65.000 - 35MPH
STA. 263+65.000 - STA. 280+34.368 - 45MPH

TYPICAL SECTION NOTES:

1. UTILITY STRIP AREA TO BE REGRADED AND SODDED IN AREAS WHERE EXISTING SOD BUILDUP IS IN EXCESS OF 25mm AS MEASURED FROM A LINE FROM THE BACK OF CURB CONNECTING THE INSIDE EDGE OF SIDEWALK TO TOP OF EXISTING SOD. COST OF REGRADING TO BE INCLUDED IN PAY ITEM 2110-1-1.
2. SIDEWALK EXISTS FOR THE LIMITS SHOWN ON TYPICAL. SEE PLANS FOR LOCATION OF SIDEWALK REPLACEMENT.

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

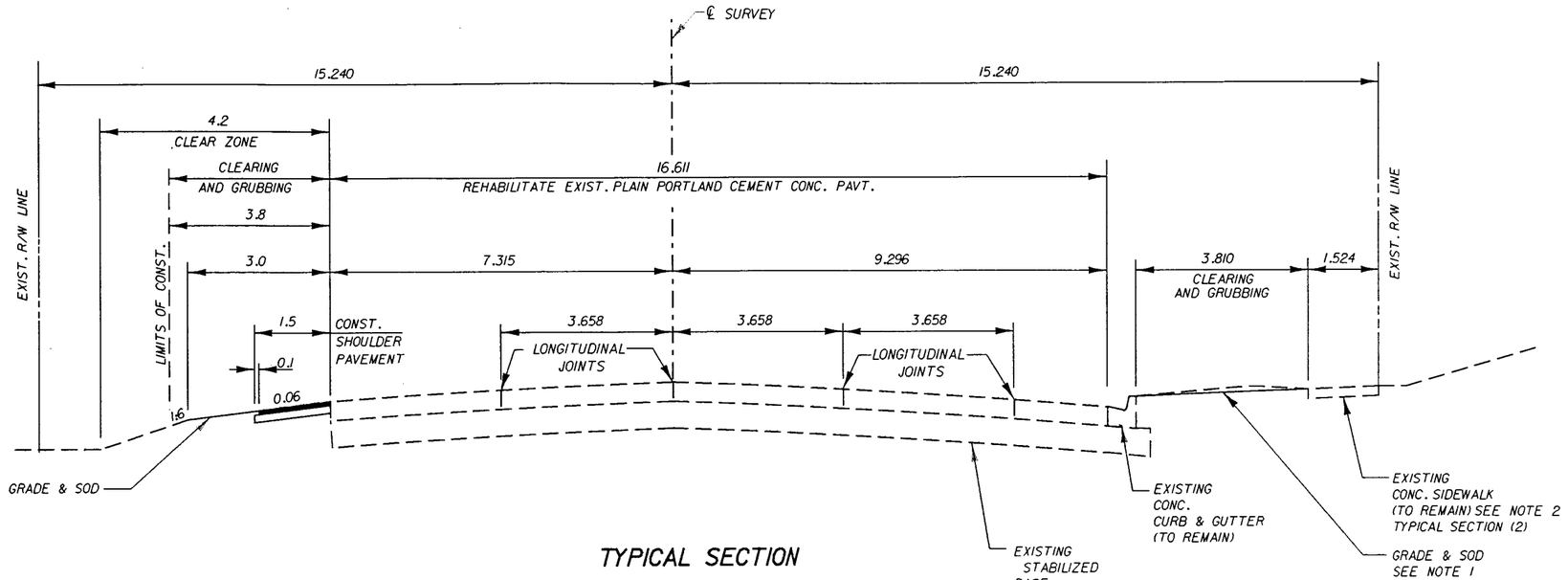
REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION (2)

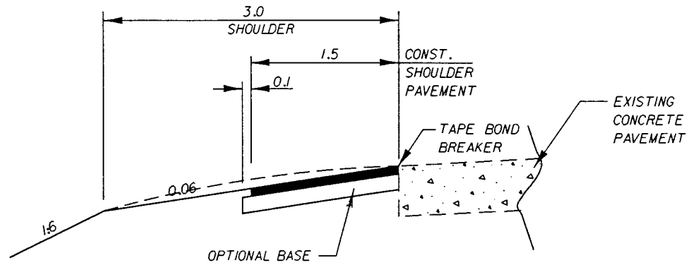
FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	7



TYPICAL SECTION

S.R. 546 (U.S. 92) (MEMORIAL BLVD.)
STA. 266+93.141 - STA. 277+18.080

REHABILITATE CONCRETE PAVEMENT BY CLEANING & RESEALING JOINTS, CLEANING & SEALING RANDOM CRACKS, GRINDING CONCRETE PAVEMENT, REPLACING DAMAGED CONCRETE PAVEMENT SLABS, PATCHING PORTLAND CEMENT CONCRETE PAVEMENT, & WATERPROOFING CONCRETE PAVEMENT JOINTS.



SHOULDER PAVEMENT DETAIL

SHOULDER CONSTRUCTION

OPTIONAL BASE GROUP 1 WITH TYPE S STRUCTURAL COURSE (88 kg/m²) AND FRICTION COURSE FC-3 (60 kg/m²) (RUBBER)

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
STRUCTURES REF. CHECKING DATE
C.O. BASE CHECKED (Green Check or Errors & Reason Incorrect) DATE
C.O. (Corrections Incorporated) DATE

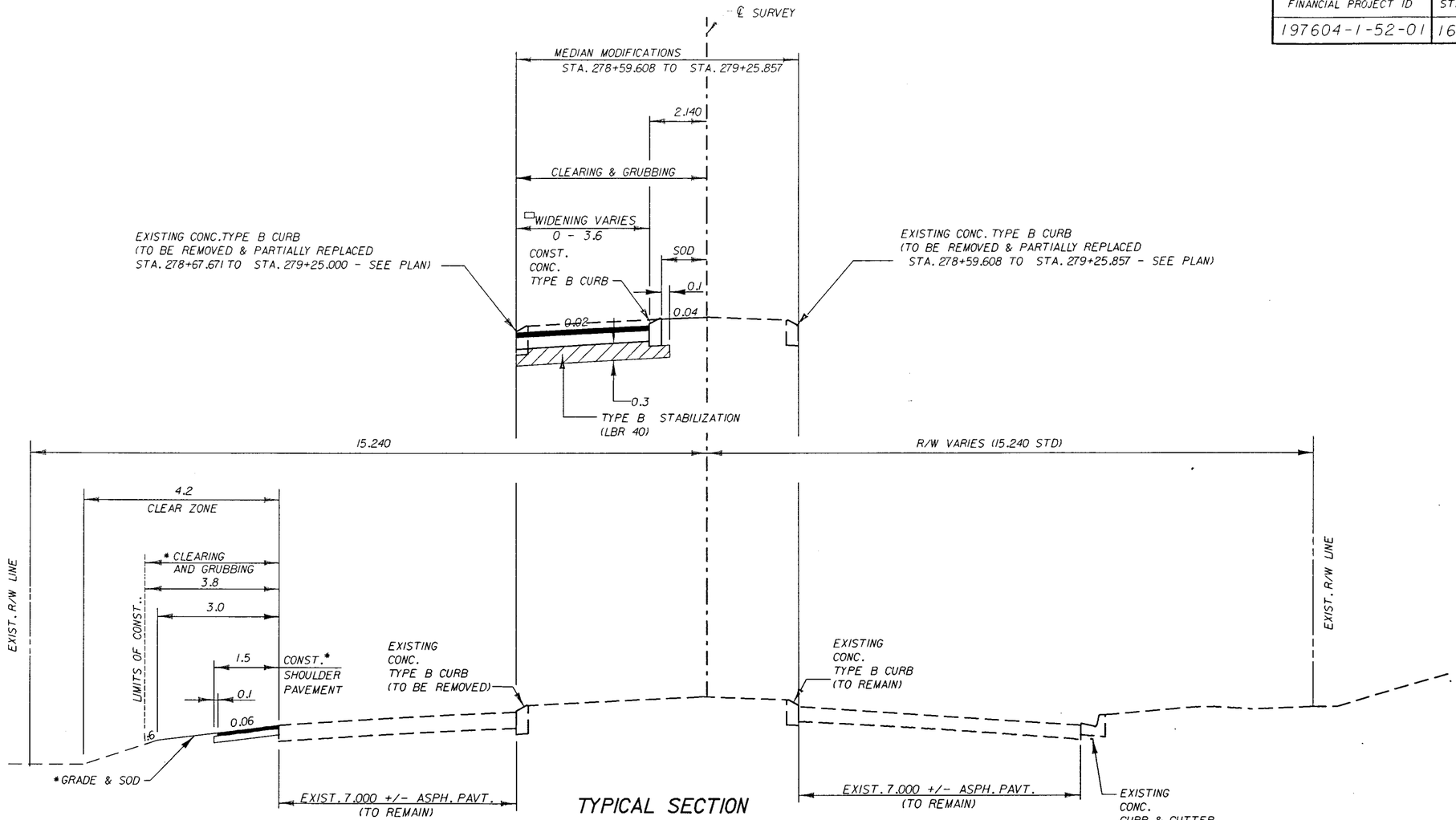
REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION (3)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	8



*CLEAR & GRUB. CONST. PAVED SHOULDER, GRADE & SOD FROM STA. 277+38.080 TO STA. 277+66.550 ONLY. SEE TYPICAL SECTION (3) FOR SHOULDER PAVEMENT DESCRIPTION & DETAIL

△ REPLACE TYPE F CURB & GUTTER (STA. 278+56.790 TO STA. 280+23.756 SEE PLAN)

TYPICAL SECTION
S.R. 546 (U.S. 92) (MEMORIAL BLVD.)
STA. 277+38.080 - STA. 280+34.638

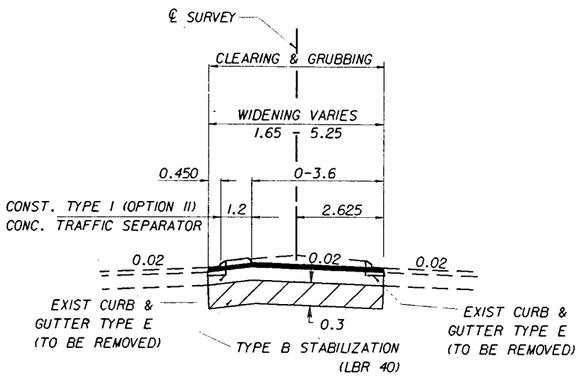
□ WIDENING- STA. 278+59.608 TO STA. 279+04.000

OPTIONAL BASE GROUP 9 WITH TYPE S STRUCTURAL COURSE (176 kg/m²) AND FRICTION COURSE FC-3 (60 kg/m²) (RUBBER)

OPTIONAL BASE COURSES PERMITTED	OPTION CODES
260 LIMEROCK BASE COURSE	109
260 CEMENTED COQUINA	209
260 BANK RUN SHELL	469
300 GRADED AGGREGATE BASE	509
150 ABC-3	609

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
ORIGINATOR REVIEW FOR CONSTRUCTABILITY — DATE
D.E.D. Correct title (change/add) — DATE
D.E.D. Bart Chester (Green Check or Circle & Remark Incorrect) — DATE
D.E.D. — DATE
D.E.D. — DATE
D.E.D.

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	9



TYPICAL SECTION
LAKE PARKER AVENUE
STA. 27+95.500 TO STA. 29+04.683

WIDENING

OPTIONAL BASE GROUP 6 WITH
TYPE S STRUCTURAL COURSE (110 kg/m²)
AND FRICTION COURSE FC-3 (60 kg/m²) (RUBBER)

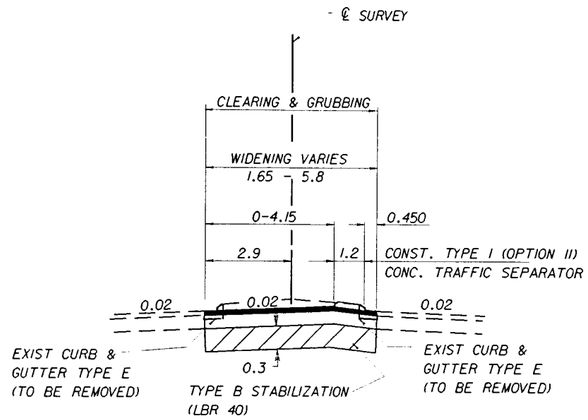
MILLING

MILL 50mm (AVG.) OF EXISTING
ASPHALTIC CONCRETE PAVEMENT

RESURFACING

TYPE "S" STRUCTURAL COURSE (66 kg/m²)
AND FRICTION COURSE FC-3 (60 kg/m²) (RUBBER)

OPTIONAL BASE COURSES PERMITTED	OPTION CODES
200 LIMEROCK BASE COURSE	106
200 CEMENTED COQUINA	206
200 BANK RUN SHELL	466
230 GRADED AGGREGATE BASE	506
120 ABC-3	606



TYPICAL SECTION
MARTIN LUTHER KING AVENUE
STA. 30+29.774 TO STA. 31+09.600

WIDENING

OPTIONAL BASE GROUP 6 WITH
TYPE S STRUCTURAL COURSE (110 kg/m²)
AND FRICTION COURSE FC-3 (60 kg/m²) (RUBBER)

MILLING

MILL 50mm (AVG.) OF EXISTING
ASPHALTIC CONCRETE PAVEMENT

RESURFACING

TYPE "S" STRUCTURAL COURSE (66 kg/m²)
AND FRICTION COURSE FC-3 (60 kg/m²) (RUBBER)

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE

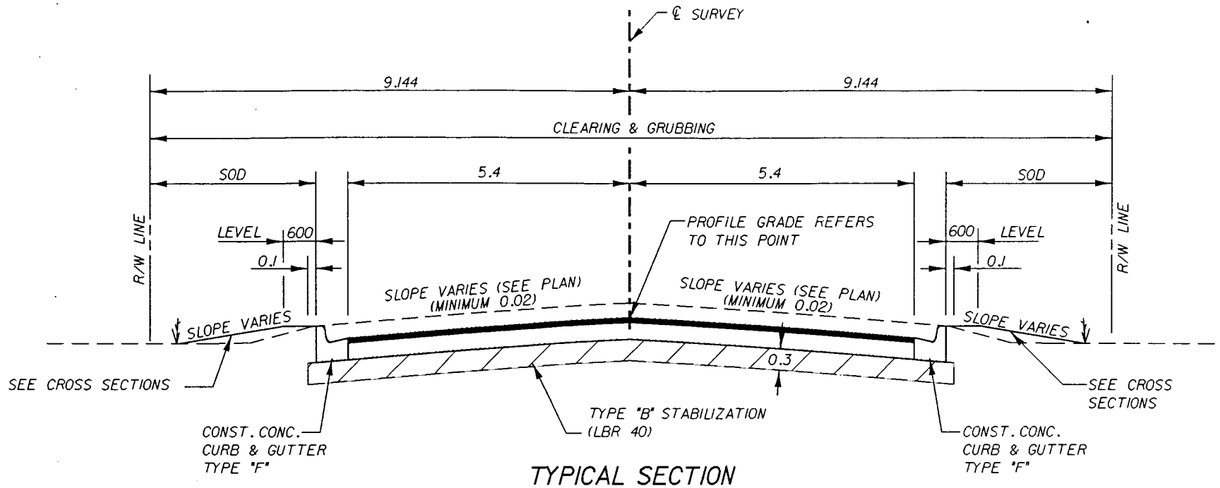
REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION (5)

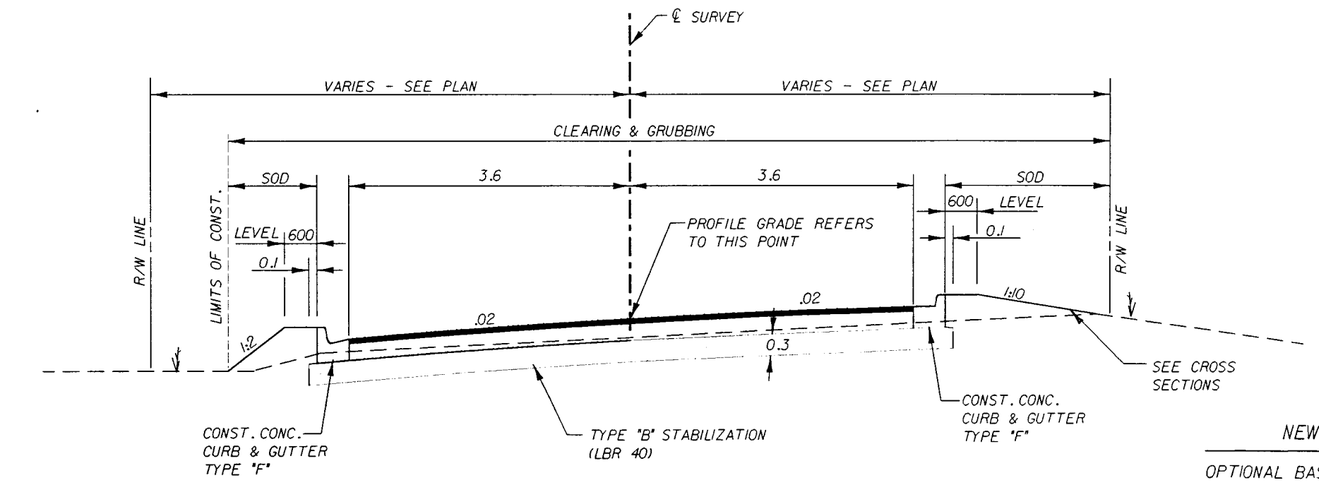
FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	10



TYPICAL SECTION
GOLCONDA ROAD
STA. 19+44.950 - STA. 19+90.641

NEW CONSTRUCTION

OPTIONAL BASE GROUP 6 WITH TYPE S STRUCTURAL COURSE (110 kg/m²)



TYPICAL SECTION
EAST GARY ROAD
STA. 29+05.302 - STA. 29+86.872

NEW CONSTRUCTION

OPTIONAL BASE GROUP 6 WITH TYPE S STRUCTURAL COURSE (110 kg/m²) AND FRICTION COURSE FC-3 (60 kg/m²) (RUBBER)

DESIGN SPEED = 70 km/h
POSTED SPEED = 35 MPH

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

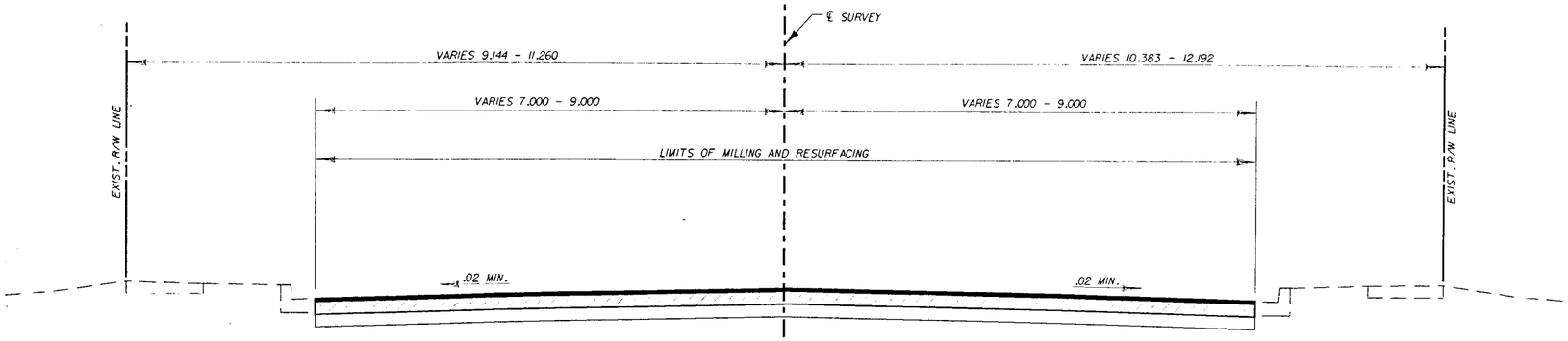
REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION (6)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	11



TYPICAL SECTION
MASSACHUSETTS AVE.
STA. 29+50.000 TO STA. 29+88.384
LAKELAND HILLS AVE.
STA. 30+11.443 TO STA. 31+80.000

DENOTES MILLING

MILLING
MILL 50mm (AVG.) OF EXISTING
ASPHALTIC CONCRETE PAVEMENT

RESURFACING
TYPE "S" STRUCTURAL COURSE (66 kg/m²)
AND FRICTION COURSE FC-3 (60 kg/m²) (RUBBER)

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

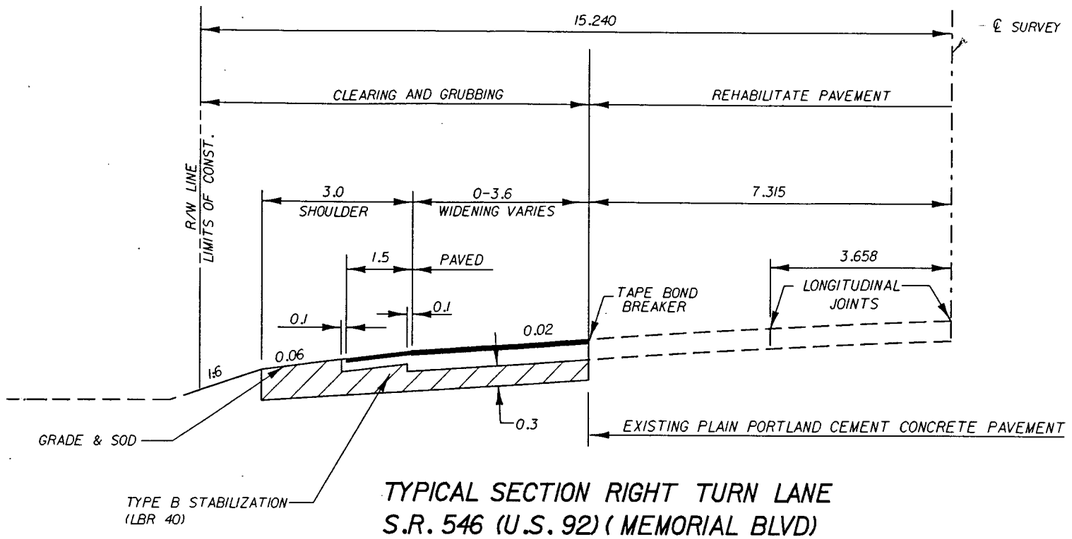
REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION (7)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	12



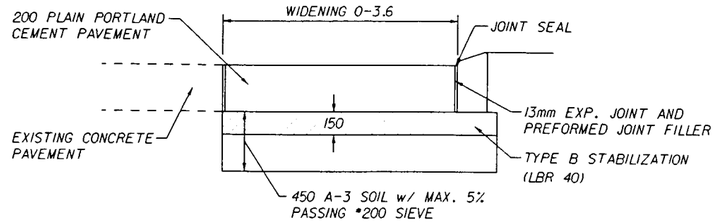
TYPICAL SECTION RIGHT TURN LANE
S.R. 546 (U.S. 92) (MEMORIAL BLVD)
STA. 274+53.884 - STA. 275+84.000

OPTIONAL BASE COURSES PERMITTED	OPTION CODES
260 LIMEROCK BASE COURSE	109
260 CEMENTED COQUINA	209
260 BANK RUN SHELL	469
300 GRADED AGGREGATE BASE	509
150 ABC-3	609

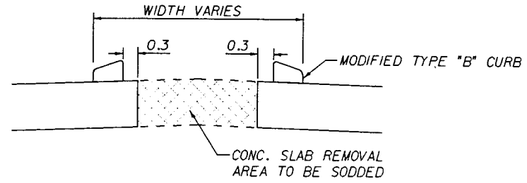
WIDENING

OPTIONAL BASE GROUP 9 WITH TYPE S STRUCTURAL COURSE (176 kg/m²) AND FRICTION COURSE FC-3 (60 kg/m²) (RUBBER)

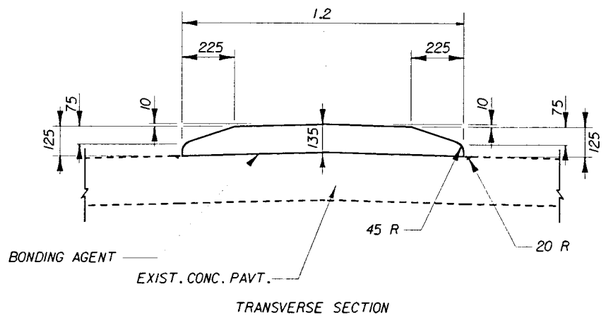
REHABILITATE CONCRETE PAVEMENT BY CLEANING & RESEALING JOINTS, CLEANING & SEALING RANDOM CRACKS, GRINDING CONCRETE PAVEMENT, REPLACING DAMAGED CONCRETE PAVEMENT SLABS, PATCHING PORTLAND CEMENT CONCRETE PAVEMENT, & WATERPROOFING CONCRETE PAVEMENT JOINTS.



CONCRETE PAVEMENT WIDENING DETAIL
NTS

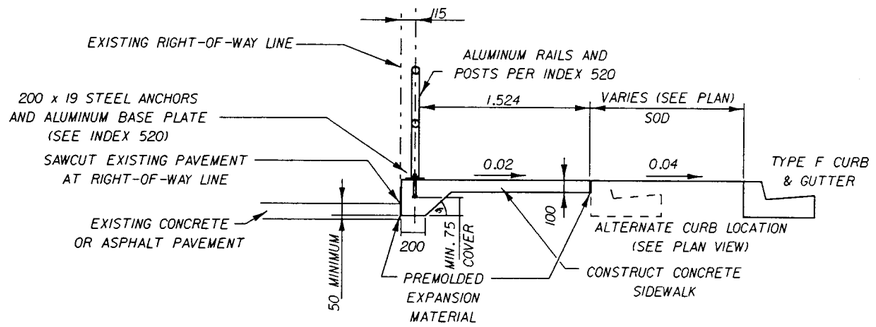


CONCRETE PAVEMENT REMOVAL DETAIL
NTS



TRANSVERSE SECTION

CONCRETE TRAFFIC SEPARATOR (TYPE II)



CONCRETE SIDEWALK WITH ALUMINUM HANDRAIL

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

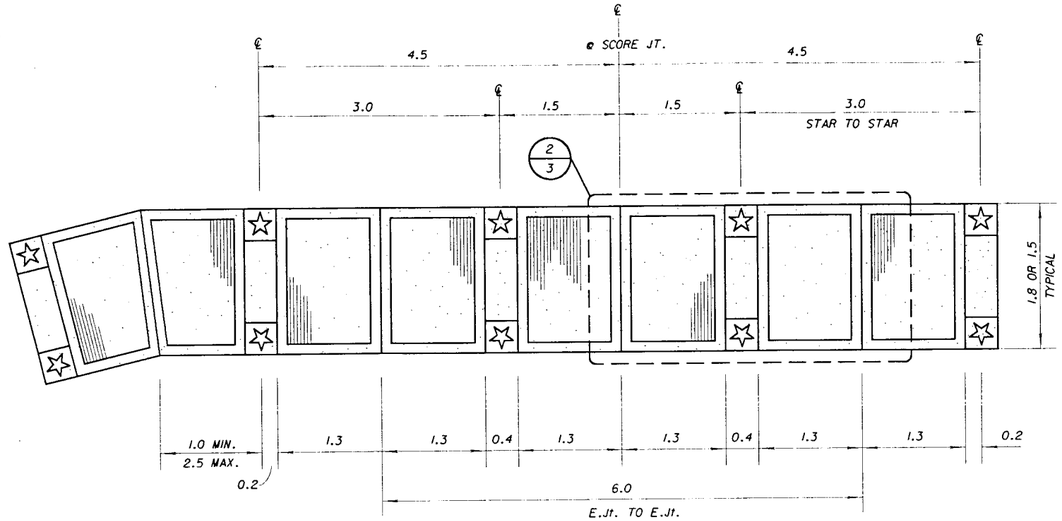
Fuller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION DETAILS

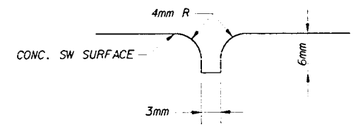
3 QUALITY CONTROL/QUALITY ASSURANCE REVIEW

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	13

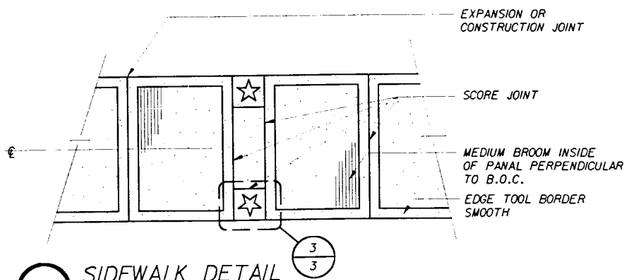


1 STAR ICON WITH SIDEWALK
NOT TO SCALE

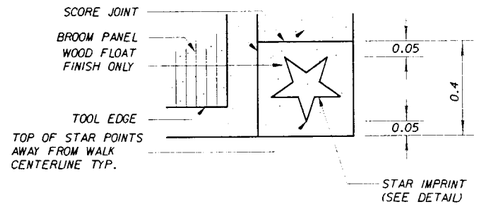
NOTE: STAR ICON TO BE PLACED USING CUSTOM-MADE IMPRINT TOOL. SURFACE SHALL BE FLUSH WITH ADJACENT SIDEWALK.



STAR IMPRINT SCORE DETAIL



2 SIDEWALK DETAIL
NOT TO SCALE



3 STAR ICON
NOT TO SCALE

LIMITS OF SIDEWALK DETAILS
STA. 240+85.174 TO STA. 249+62.893

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	14

PAY ITEM NOTES

ITEM NO.	
2102-1	ALL COSTS TO MAINTAIN TRAFFIC NOT INCLUDED SPECIFICALLY AS A BID ITEM SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR MAINTENANCE OF TRAFFIC. PAY ITEM NO. 2102-1. ALL SIGNALS SHALL REMAIN IN ACTUATED OPERATION THROUGHOUT THE DURATION OF THE PROJECT. THE CONTRACTOR MAY UTILIZE STANDARD LOOPS, PREFORMED LOOPS OR AN ALTERNATIVE METHOD. ANY ALTERNATIVE DEVICE MUST BE ON THE APPROVED PRODUCTS LIST AND APPROVED BY THE PROJECT ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER PLACEMENT AND ANY NECESSARY RELOCATION, ADJUSTMENT OR REPLACEMENT OF THESE DETECTORS AS NECESSARY TO MAINTAIN ACTUATED OPERATION FOR ALL MAIN STREET AND SIDE STREET MOVEMENTS FOR THE DURATION OF THE PROJECT. ALL COSTS OF TEMPORARY VEHICLE DETECTION, INCLUDING DETECTORS, INSTALLATION, RELOCATION, ADJUSTMENT OR REPLACEMENT SHALL BE INCLUDED AND PAID FOR UNDER PAY ITEM 2102-1. IF ANY TEMPORARY POLES ARE NECESSARY FOR MOUNTING DETECTORS, THEIR FURNISH, INSTALL AND REMOVAL COST SHALL BE INCLUDED UNDER PAY ITEM 2102-1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH LOCAL UTILITY COMPANIES AND VERIFY THAT TEMPORARY POLES WILL NOT CONFLICT WITH ANY EXISTING UTILITIES. INCLUDES APPROXIMATELY 108 M2 OF TEMPORARY PAVEMENT.
2102-10	IF THE CONTRACTOR DEEMS IT NECESSARY TO UTILIZE OFF-DUTY LAW ENFORCEMENT OFFICERS FOR WORK OTHER THAN THAT SPECIFIED IN THE PLANS, HE SHALL DETERMINE THE AMOUNT OF TIME THE OFFICERS WILL BE REQUIRED AND INCLUDE THE COST IN THE BID PRICE OF THE ITEM OF WORK TO BE PERFORMED.
2102-78	INCLUDES THE COST OF INSTALLATION AND REMOVAL.
2104-XX-X	ESTIMATED FOR PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION, AND SHALL BE USED AT LOCATIONS DESCRIBED IN THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN OR AS DIRECTED BY THE ENGINEER TO COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.
2104-10-1	BASED ON REPLACEMENT EVERY THREE MONTHS.
2400-1-15	INCLUDES 5 M3 FOR MISCELLANEOUS CONSTRUCTION, AS DIRECTED BY THE PROJECT ENGINEER
2522-1	INCLUDES APPROXIMATELY 2249.5 M2 OF SPECIAL FINISH STAR ICON SIDEWALK.
2550-2-6	INCLUDES THE COST OF REMOVAL OF THE EXISTING FENCE.
2570-5	INCLUDES APPROXIMATELY 0.88 MT FERTILIZER FOR TEMPORARY GRASSING. FERTILIZER BASED ON TWO APPLICATIONS.
2570-9	INCLUDES APPROXIMATELY 8.8 KL WATER FOR TEMPORARY GRASSING.
2575-1	INCLUDES APPROXIMATELY 877 M2 SODDING FOR TEMPORARY GRASSING.
2710-XX-XXX	THE TOTALS SHOWN ON THE SUMMARY OF ROADWAY PAY ITEMS INCLUDE THE QUANTITIES FOR PAVEMENT MARKINGS USED FOR TRAFFIC CONTROL PAVEMENT MARKINGS (AS SHOWN IN THE ROADWAY PLANS) AND FOR FINAL PAVEMENT MARKINGS (AS SHOWN ON THE SIGNING AND PAVEMENT MARKING PLANS.)

GENERAL NOTES

1. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE ENGINEER SHOULD NOTIFY THE DISTRICT LOCATION SURVEYOR WITHOUT DELAY BY TELEPHONE.
2. EXISTING DRAINAGE STRUCTURES WITHIN THE CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
3. UTILITIES ARE TO BE ADJUSTED BY OTHERS AS DIRECTED BY THE ENGINEER.
4. THE LOCATION OF UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION.
5. ACCESS TO EXISTING STREETS AND DRIVES SHALL BE MAINTAINED FOR LOCAL TRAFFIC AND PROPERTY OWNERS.
6. FOR UTILITY ADJUSTMENT SYMBOLS. SEE INDEX NO. 002.
7. THE CONTRACTOR SHALL CONTACT THE DISTRICT PUBLIC INFORMATION DIRECTOR 14 DAYS PRIOR TO STARTING WORK ON THIS PROJECT. PHONE: (941) 519-2300
8. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN ON THE PLANS.

UTILITY OWNERS:

PAUL MAGRUM
COMMUNICATIONS TECHNICIAN
AT&T COMMUNICATIONS
511 AVE. "T" N.W.
WINTER HAVEN, FLORIDA
(941) 294-4276

ROBERT ROSSER
ENGINEERING TECHNICIAN
PEOPLES GAS SYSTEM, INC.
POST OFFICE BOX 1487
LAKELAND, FLORIDA 33802-1487
(941) 686-3153

JIM SMITHEE
CONSTRUCTION COORDINATOR
TIME WARNER COMMUNICATIONS
2806 RECKER HIGHWAY
WINTER HAVEN, FLORIDA 33880
(941) 293-4319

MICHAEL P. FAHNESTOCK
ROADWAY & UTILITIES COORDINATOR
IMPERIAL POLK COUNTY
POST OFFICE BOX 1519
BARTOW, FLORIDA 33830
(941) 534-6000

OSCAR CABANAS
PLANT MANAGER
STORER CABLE TELEVISION
745 EAST MAIN
BARTOW, FLORIDA 33830
(941) 533-9029

ROGER F. CARROLL
PLANT MANAGER
PARAGON CABLE TELEVISION
POST OFFICE BOX 3800
LAKELAND, FLORIDA 33802
(941) 683-6451

RICK SNYDER
RIGHT OF WAY/PERMITTING
CITY OF LAKELAND ELECTRIC & WATER
501 E. LEMON STREET
LAKELAND, FLORIDA 33801-5050
(941) 499-6586

DAN BREZNAY
RIGHT OF WAY REPRESENTATIVE
TAMPA ELECTRIC COMPANY
1770 6TH STREET N.W.
WINTER HAVEN, FLORIDA 33881
(941) 294-4171

PATRICK D. McCONNELL
PEOPLES CABLE, INC.
3705 SOUTH US98, SUITE 14
LAKELAND, FLORIDA 33813
(941) 665-7777

DEWEY CHANCEY
SOUTHERN STATES UTILITIES
415 WEST DAUGHTERY
LAKELAND, FLORIDA 33809
(941) 858-2504

DAVE BIXLEREY
M.C.I. TELECOMMUNICATIONS
210 RECKER HIGHWAY
AUBURNDALE, FLORIDA 33823
(941) 965-1350

GRACE WINKLER
(SUBORDINATIONS)
CITY OF LAKELAND
228 S. MASSACHUSETTS
LAKELAND, FLORIDA 33801-5086
(941) 499-6000

MICHAEL HERR
DIRECTOR OF PUBLIC WORKS
CITY OF LAKELAND SANITARY SEWER
228 S. MASSACHUSETTS
LAKELAND, FLORIDA 33801-5086
(941) 499-6040

GREG CRAWFORD
SYSTEMS ENGINEER
GTE FLORIDA, INC.
POST OFFICE BOX 328 (MC-3014)
LAKELAND, FLORIDA 33802
(941) 688-5357

Call 48 hours before you dig in Florida

It's the Law !
1-800-432-4770
Sunshine State One Call of Florida, Inc.

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
Engineer's Initials / Date
1 ED Corrected Title Change Sheet

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	15

SUMMARY OF FENCING TYPE B

LOCATION STA. TO STA.	SIDE	FENCE TYPE B MI P	FENCE TYPE B MI F	CORNER POST ASSEMBLY EA P	CORNER POST ASSEMBLY EA F	END POST ASSEM. EA P	END POST ASSEM. EA F	PULL POST ASSEM. EA P	PULL POST ASSEM. EA F	SPECIAL POST ASSEM. EA P	SPECIAL POST ASSEM. EA F	REMARKS	FIELD BOOK REFERENCE
232+06.325 - 233+37.503	RT.	131.178		2		2							
TOTAL		131.2		2		2							

SUMMARY OF GUARDRAIL

LOCATION STA. TO STA.	SIDE	GUARDRAIL REMOVAL	GUARDRAIL MI P	GUARDRAIL MI F	END ANCHORAGE ET-2000 EA P	END ANCHORAGE ET-2000 EA F	END ANCHORAGE SRT-350 EA P	END ANCHORAGE SRT-350 EA F	FIELD BOOK REFERENCE
233+53.690 - 233+61.310	LT.		7.62						
235+22.600 - 235+34.030	LT.	11.43					1		
273+44.617 - 273+97.957	LT.		53.34		2				
277+38.130 - 278+02.900	LT.		64.77		2				
TOTAL		11.4	125.7		4		1		

SUMMARY OF ALUMINUM HANDRAIL

LOCATION STA. TO STA.	SIDE	HANDRAIL MI P	HANDRAIL MI F
256+73.400 - 256+84.000	LT.	10.6	
257+15.700 - 257+27.900	LT.	12.2	
257+26.400 - 257+38.000	RT.	11.6	
TOTAL		34.4	

SUMMARY OF EARTHWORK

DESCRIPTION	P M3	F M3
FILL SHOULDER PAVT. AREA	0	
FILL RT. TURN SERTOMA PARK	14.3	
FILL GARY ROAD	65.4	
FILL GOLCONDA AVENUE	0	
FILL GUARDRAIL AREAS	122.1	
FILL ENDWALL AREA	13.8	
	215.6	
PLUS FILL ADJUSTMENT (35%)	75.5	
TOTAL FILL	291.1	
LESS REGULAR EXCAVATION:		
REG. EXCAVATION SHOULDER PAVT. AREA	268.5	
REG. EXCAVATION RT. TURN SERTOMA PARK	45.7	
REG. EXCAVATION GARY ROAD	58.0	
REG. EXCAVATION GOLCONDA AVENUE	378.2	
REG. EXCAVATION ENDWALL	0.8	
TOTAL REGULAR EXCAVATION	751.2	

NOTE: EARTHWORK HAS BEEN CALCULATED USING THE LIMEROCK BASE OPTION. IF ANOTHER OPTION IS CONSTRUCTED, THERE SHALL BE NO REVISION TO THE PLAN QUANTITY.

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
SIGNATURE / TITLE / DATE
Set checked for use with Class of Concrete & Method Incorporated
Set corrected to Changes Req'd.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES (1)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	16

SUMMARY OF SODDING

LOCATION STA. TO STA.			SIDE	P L	P W	P M2	F L	F W	F M2	FIELD BOOK REFERENCE
233+56.37	TO	233+60.00	LT.	3.64	6.67	269.2				
236+21.03	TO	236+47.19	LT.	26.16	5.43	142.00				
236+54.35	TO	236+60.12	LT.	5.77	5.81	33.50				
236+63.21	TO	236+65.80	LT.	2.59	3.67	9.50				
236+73.00	TO	236+77.78	LT.	4.78	4.54	21.70				
236+83.24	TO	236+97.64	LT.	14.4	5.95	85.69				
236+58.64	TO	236+70.84	RT.	12.2	1.55	18.90				
237+09.07	TO	237+14.63	RT.	5.56	1.40	7.80				
237+24.81	TO	237+35.48	RT.	10.67	1.49	15.90				
237+38.43	TO	237+45.81	RT.	7.38	1.07	7.90				
237+71.98	TO	237+84.40	RT.	12.42	1.59	19.70				
237+89.55	TO	237+95.94	RT.	6.39	1.64	10.50				
237+84.89	TO	238+05.80	LT.	20.91	1.60	33.39				
238+85.77	TO	238+91.72	LT.	5.95	1.36	8.10				
239+17.71	TO	239+28.16	LT.	10.45	1.41	14.70				
239+62.82	TO	239+17.34	RT.	7.52	1.50	11.30				
239+90.70	TO	239+98.69	LT.	7.99	1.51	12.10				
243+32.01	TO	243+46.15	LT.	14.14	1.61	22.79				
243+59.50	TO	243+64.45	LT.	4.95	0.99	4.90				
244+15.79	TO	244+26.10	LT.	10.31	1.32	13.60				
245+96.78	TO	246+01.09	RT.	4.31	1.18	5.10				
246+11.89	TO	246+13.08	RT.	1.19	0.34	0.40				
246+80.04	TO	246+92.75	LT.	12.71	3.87	49.20				
247+35.55	TO	247+49.65	RT.	14.1	1.52	21.49				
248+02.54	TO	248+04.00	LT.	1.46	0.82	1.20				
248+11.20	TO	248+17.56	LT.	6.36	2.86	18.20				
249+77.48	TO	249+91.39	RT.	13.91	3.44	47.79				
250+01.18	TO	250+05.61	RT.	4.43	2.03	9.00				
250+12.81	TO	250+15.81	RT.	3.00	1.30	3.90				
251+00.71	TO	251+08.03	RT.	7.32	2.43	17.80				
251+15.23	TO	251+17.69	RT.	2.46	0.65	1.60				
251+14.90	TO	251+21.15	LT.	6.25	3.42	21.40				
252+39.34	TO	252+48.83	LT.	9.49	3.45	32.70				
252+77.30	TO	252+80.31	RT.	3.01	0.80	2.40				
252+87.51	TO	252+88.74	RT.	1.23	0.49	0.60				
252+98.26	TO	253+01.27	RT.	3.01	2.59	7.80				
253+08.47	TO	253+10.94	RT.	2.47	0.65	1.60				
253+13.73	TO	253+15.50	RT.	1.77	0.68	1.20				
253+28.07	TO	253+29.72	RT.	1.65	0.73	1.20				
253+93.70	TO	254+04.43	LT.	10.73	3.49	37.40				
254+23.08	TO	254+27.40	LT.	4.32	1.94	8.40				
254+34.57	TO	254+41.75	LT.	7.18	2.70	19.40				
254+44.20	TO	254+46.15	LT.	1.95	0.92	1.80				
254+56.94	TO	254+61.61	LT.	4.67	2.08	9.70				
254+53.82	TO	254+56.83	RT.	3.01	1.26	3.80				
254+85.62	TO	255+00.89	RT.	15.27	3.42	52.19				

SUMMARY OF SODDING

LOCATION STA. TO STA.			SIDE	P L	P W	P M2	F L	F W	F M2	FIELD BOOK REFERENCE
255+06.40	TO	255+10.54	RT.	4.14	1.96	8.10				
255+17.74	TO	255+22.69	RT.	4.95	2.28	11.30				
255+33.44	TO	255+44.38	LT.	10.94	3.52	38.50				
255+46.81	TO	255+52.45	LT.	5.64	2.59	14.60				
255+54.94	TO	255+57.23	LT.	2.29	1.83	4.20				
257+15.20	TO	257+29.22	LT.	14.02	1.59	22.31				
257+24.56	TO	257+40.17	RT.	15.61	1.37	21.40				
258+61.80	TO	258+87.23	LT.	25.43	3.44	87.58				
259+68.59	TO	260+25.04	LT.	56.45	2.65	149.71				
261+38.81	TO	261+42.02	LT.	3.21	1.99	6.40				
261+48.36	TO	261+61.86	LT.	13.5	3.42	46.10				
262+09.13	TO	262+27.19	RT.	18.06	3.61	65.11				
262+55.36	TO	262+64.41	RT.	9.05	3.50	31.70				
264+87.508	TO	265+03.38	RT.	15.87	17.10	271.44				
268+84.66	TO	268+87.66	RT.	3.0	0.87	2.61				
268+98.09	TO	269+04.69	RT.	6.6	2.61	17.20				
269+12.60	TO	269+15.50	RT.	2.9	1.14	3.30				
269+34.57	TO	269+37.42	RT.	2.85	1.37	3.90				
276+71.19	TO	276+88.78	RT.	17.59	2.99	52.59				
275+84.61	TO	274+86.37	LT.	98.24	3.11	305.43				
274+53.88	TO	274+58.19	LT.	4.31	2.53	10.90				
267+01.92	TO	274+53.88	LT.	751.96	1.52	1140.72				BERMUDA
278+37.57	TO	278+57.80	RT.	20.23	6.45	130.50				
278+23.19	TO	279+18.54	RT.	95.35	20.60	1964.59				
279+31.06	TO	279+68.24	RT.	37.18	16.05	596.59				
279+77.94	TO	280+04.67	RT.	26.73	6.98	186.60				
280+14.44	TO	280+34.63	RT.	20.19	3.43	69.29				
19+57.393	TO	19+84.808	LT.	27.415	3.54	96.91				GOLCONDA
19+37.436	TO	19+84.812	RT.	47.376	2.95	139.52				GOLCONDA
236+09.85	TO	236+87.00	MED.	77.15	2.76	213.01				
238+30.00	TO	238+98.49	MED.	68.49	2.61	178.83				
239+60.44	TO	240+60.00	MED.	99.56	2.86	285.14				
243+18.01	TO	243+61.65	MED.	43.64	2.66	116.08				
244+11.50	TO	244+39.00	MED.	27.76	2.99	83.11				
249+39.00	TO	250+70.00	MED.	131	0.60	79.24				
256+90.00	TO	256+59.02	MED.	30.98	3.28	101.49				
258+67.00	TO	259+47.18	MED.	80.18	2.79	224.02				
260+45.01	TO	261+10.99	MED.	65.98	2.51	165.81				
262+67.99	TO	264+36.19	MED.	168.2	2.94	494.40				
278+68.53	TO	279+25.81	MED.	57.28	3.08	176.19				
PERMANENT SOD						7617				
PERMANENT SOD (BERMUDA)						1141				
SUMMARY OF DRAINAGE STRUCTURES						8				
SUBTOTAL SOD						8766				
TEMPORARY SOD (10% OF TOTAL)						877				
TOTAL:						9643				

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
TEC Correspondence Change/Red

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES (2)

FINANCIAL PROJECT ID: 197604-1-52-01 | STATE PROJ. NO.: 16100-3515 | SHEET NO.: 17

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	SIZE (MM)	LENGTH (M)	STORM SEWER OPTIONAL TYPE 375	STORM SEWER OPTIONAL TYPE 450	SLOTTED DRAIN 375	SLOTTED DRAIN 450	CURB INLETS P-1 PARTIAL	CURB INLETS P-5 <3	CURB INLETS P-6 <3	CURB INLETS J-1 PARTIAL	CURB INLETS J-2 PARTIAL	CURB INLETS 9 PARTIAL	JUNC BOX P-7 PARTIAL	MANHOLES P-8 PARTIAL	MANHOLES J-8 <3	MANHOLES J-8 >3	MANHOLES J-8 PARTIAL	MANHOLE ADJUST	MES CD	DESILTING SS 375	SOD M²	RUBBLE RIP-RAP DITCH LINING MT	REMARKS
P	S-1A	235+30.5	RT.	PIPE	1	375																			9.8			
F																									9.8			
P	S-1B	235+50.900	RT.	PIPE, INLET, PIPE	1	450	6.1		6.1		63.5			1														W.O.# 12999-0258-4
F									6.1		63.5			0*														CHANGE TO P4-SEE SHT 17A
P	S-2	235+50.900	RT.	MES																					1		8	8.5	
F																									1		—	7.7	
P	S-3	235+68.000	LT.	PIPE, INLET, PIPE	1	375	3.2	3.2		52.0				1														SAME AS S-1B
F								3.2		52.0				0*														
P	S-4	235+68.000	LT.	MH																	1							
F																					1							
P	S-5	237+76.600	LT.	INLET												1												REPLACE INLET TOP
F																Ø												
P	S-6	238+82.210	RT.	INLET								1																REPLACE INLET TOP
F												1																
P	S-7	249+80.280	RT.	MH																				1				ADJUST RIM & COVER
F																								Ø				WORK DELETED
P	S-8	250+63.990	LT.	INLET													1											REPLACE INLET TOP
F																	1											
P	S-9	254+60.660	LT.	MH																				1				ADJUST RIM & COVER
F																								Ø				WORK DELETED
P	S-10	254+67.300	RT.	INLET													1											REPLACE INLET TOP
F																	Ø											WORK DELETED
P	S-11	254+79.280	RT.	INLET													1											REPLACE INLET TOP
F																	Ø											WORK DELETED
P	S-12	257+25.000	RT.	INLET, PIPE	1	375	1.2	1.2					1															CAST-IN-PLACE
F								1.2					1															
P	S-13	257+53.000	RT.	INLET, PIPE	1	450	1.2		1.2				1															CAST-IN-PLACE
F									1.2				1															
P	S-14	257+55.000	RT.	JUNC BOX														1										REMOVE INLET TOP
F																		1										
P	S-15	258+62.000	LT.	INLET, PIPE	1	375	0.9	0.9					1															WORK DELETED
F								Ø					Ø															
P	S-16	258+62.000	LT.	MH															1									REMOVE INLET TOP
F																			Ø									WORK DELETED
P	S-17	258+79.500	LT.	MH																				1				ADJUST RIM & COVER
F																								Ø				WORK DELETED
P	S-18	264+86.827	RT.	INLET, PIPE	1	450	0.8		0.8				1															
F									0.8				1															
P	S-19	264+86.827	RT.	MH																		1						REMOVE INLET TOP
F																						1						
P	S-20	29+60.716 EXISTING	LT.	INLET										1														
F		GOLCONDA RD												1														
P	S-21	265+27.311	RT.	INLET		Ø	Ø		Ø						1													REMOVE INLET TOP
F						450	9.2		9.2						1													ADDED PER LETTER DT 1-15-00
P	S-22	19+80 RELOCATED	LT.	INLET, PIPE	1	450	11.2		11.2					1														
F		GOLCONDA RD							11.2					1															
P	S-23	19+80 RELOCATED	RT.	INLET, PIPE	1	450	7.5		7.5				1	Ø														JUNKED TO P6
F		GOLCONDA RD							Ø				1	1														
P	S-24	19+88.707 RELOCATED	RT.	MH																	1							WORK DELETED
F		GOLCONDA RD																			Ø							
P	S-25	280+19.076	RT.	MH, PIPE	1	375	1.2	1.2																				WORK DELETED
F								Ø																				
P	S-26	280+19.076	RT.	INLET									1															REMOVE INLET TOP
F													1															
P																												
F																												
	TOTALS			P PLAN QUANTITY				6.5	26.8	52.0	63.5	1	6	4	1	1	3	1	2	1	1	1	3	1	9.8	8	8.5	
				~~E FINAL~~ QUANTITY				1.4	26.5	52.0	63.5	1	4	3	1	0	1	1	Ø	Ø	1	1	Ø	1	9.8	—	7.7	

"This project was constructed in substantial compliance with these plans as provided by the Engineer of Record. If changes were made, those changes are indicated by delineated revision and bear the seal and signature of the Responsible Engineer."

Gary L. S. Jones, P.E. 1-5-01

REVISIONS									
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF DRAINAGE STRUCTURES

FIN:197604-1-52-01 | SPN:16100-3515 | SHEET NO: 17A

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS SIZE (MM) LENGTH (M)	STORM SEWER 375	STORM SEWER 450	SLOTTED DRAIN 375	SLOTTED DRAIN 450	CURB INLETS P1 PART	CURB INLETS P5 <3	CURB INLETS P6 <3	CURB INLETS J1 PART	CURB INLETS J2 PART	CURB INLETS TYPE 9 PART	CURB INLETS * P4	JUNC BOX P7 PART	MANHOLES P8 PART	MANHOLES J8 < 3	MANHOLES J8 > 3	MANHOLES J8 PART	MANHOLE ADJUST	MES CD	DESILT SS 375	SOD	RIP RAP	REMARKS
P	5-1B	235+50.900	R	PIPE, INLET, PIPE	—											~~0~~											* SEE SHEET No.17 -
F	*															1											THIS STRUCTURE CHANGED BY W.O.
P	5-3	235+68	L	PIPE, INLET, PIPE	—											~~0~~											* SAME AS 5-1B
F	*															1											
P	—	—		—																		~~0~~					THESE EXISTING STRUCTURES
F		246+70	R	MH																		1					REQUIRED MODIFICATIONS
P	—	—		—																		~~0~~					THEY WERE NOT ADDRESSED
F		247+70	R	MH																		1					IN THE ORIGINAL PLANS
P	—	—		—											~~0~~												AND THEREFORE WERE
F		251+62	L	INLET											1												NOT ASSIGNED STRUCTURE
P	—	—		—											~~0~~												NUMBERS
F		252+59	L	INLET											1												
P	—	—		—									~~0~~														
F		249+80	L	INLET									1														
P	—	—		—									~~0~~														
F		242+66	R	INLET									1														
P	—	—		—									~~0~~														
F		255+84	R	INLET									1														
P	—	—		—																		~~0~~					
F		244+85	R	MH																		1					
P	—	—																				~~0~~					
F		248+74	℄	MH																		1					
P																											
F																											
P																											
	TOTALS	PLAN QUANTITY THIS PAGE				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	FINAL QUANTS ENTERED
		FINAL QUANTITY THIS PAGE				0	0	0	0	0	0	0	3	0	2	2	0	0	0	0	0	4	0	0	0	0	TO SMA 5002 FILES
		PLAN QUANTITY				65	26.8	52.0	63.5	1	6	4	1	1	3	0	1	2	1	1	1	3	1	9.8	8.5		403 to 436
		FINAL QUANTITY				44	28.5	52.0	63.5	1	4	3	4	~~0~~	3	2	1	0	0	1	1	4	1	9.8	7.7		

FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF DRAINAGE STRUCTURES

" This project was constructed in substantial compliance with these plans as provided by the Engineer of Record. If changes were made, those changes are indicated by delineated revision and bear the seal and signature of the Responsible Engineer."

Gary L. S. Jones, P.E. 1.5.01

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	18

GENERAL NOTES

1. The Contractor shall bid on the structures and optional pipe material plotted in the plans and the optional pipe material indicated as "plotted" on this sheet.

2. The Contractor may use any of the optional pipe materials tabulated for a given structure, however payment will be made only under the pay item number that applies to the material indicated under "plotted" on this sheet and the associated quantities appropriate for the "plotted" material.

3. Adjustment to the bid quantities, prices and payment will not be allowed due to increase or decrease in structure size, shape, length, width, depth or accessory construction necessary to accommodate the use of an optional pipe material other than the "plotted" option; likewise there will be no added or reduced compensation for structure alterations required to relieve utility conflicts which arise from the use of an optional material other than the "plotted" option.

4. Adjustment to the bid quantities, prices and payment will not be allowed due to increased or decreased excavation, bedding, borrow, backfilling, compaction, special installation requirements or disposal of excess materials due to use of any of the pipe optional materials. Likewise, adjustment in the quantities, prices and payment will not be allowed due to differences in end treatment size or types, pipe length, alternate jointing and connecting materials, saddles, cradles, filter fabrics, shoring or similar features due to the use of an optional material other than the "plotted" option.

5. If adjustments are required due to plan errors or omissions or authorized field changes, the "plotted" material and not the material elected by the Contractor would be used to establish new pay quantities.

6. UNLESS OTHERWISE NOTED ALL DRAINAGE WORK CONSTRUCTED PER PLAN.

STR. NO.	DSL	SIZE (MM)	LENGTH (M)	PLOTTED	MATERIAL & THICKNESS	FL	FL	AS BUILT	REMARKS
1	100	450	6.1	X	RCP CLASS II	61.7	61.6	✱6	
					SRAP, 16GA.				
					SRASP, 16GA.				
					SRSP, 16GA.				
3	100	375	3.2	X	RCP CLASS II	61.9	61.3	✱6	
					SRASP, 16GA.				
					SRSP, 16GA.				
					SRAP, 12GA.				
12	100	375	1.2	X	RCP CLASS II	40.31	40.30	✱6	
13	100	450	1.2	X	RCP CLASS II	40.50	40.45	✱6	
15	100	375	0.9	X	RCP CLASS II	41.00		—	PIPE WORK OMITTED
18	100	450	0.8	X	RCP CLASS II	40.20	40.10	✱6	
22	100	450	11.2	X	RCP CLASS II	39.90	39.80	✱6	
23	100	450	7.5	X	RCP CLASS II	39.80	39.70	—	PIPE WORK OMITTED
25	100	375	1.2	X	RCP CLASS II	39.80	39.70	—	PIPE WORK OMITTED

" This project was constructed in substantial compliance with these plans as provided by the Engineer of Record. If changes were made, those changes are indicated by delineated revision and bear the seal and signature of the Responsible Engineer."

Gary L. S. Jones, P.E. 1-5-01

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
					REVISIONS						

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

OPTIONAL MATERIALS TABULATION

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

SUMMARY OF CONCRETE PAVEMENT REPAIRS

QTY	LOCATION APPROX. SLAB START STATION	SLAB GROUP NUMBER	SIDE	JOINTS (M) LONGITUDINAL	JOINTS (M) TRANSVERSE	SPALLS (M2)	SLAB REPLACEMENT (M2) PARTIAL	SLAB REPLACEMENT (M2) FULL	CLEAN AND SEAL RANDOM CRACKS (M) LONGITUDINAL	CLEAN AND SEAL RANDOM CRACKS (M) TRANSVERSE	COMMENTS
P	233+42.2	1	Right	18.29	7.32	0.19	0.00	0.00	3.66	0.00	
P	233+48.6	2	Right	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	233+55.0	3	Right	18.29	7.32	0.09	0.00	0.00	0.00	0.00	
P	233+61.4	4	Right	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	233+67.7	5	Right	18.29	7.32	0.00	0.00	0.00	0.00	7.32	
P	233+74.1	6	Right	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	233+80.5	7	Right	18.29	7.32	0.09	0.00	0.00	0.00	0.00	
P	233+86.8	8	Right	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	233+93.2	9	Right	18.29	7.32	0.09	0.00	0.00	0.00	0.00	
P	233+99.6	10	Right	18.29	7.32	0.00	0.00	0.00	0.30	0.00	
P	234+05.9	11	Right	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	234+12.3	12	Right	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	234+18.7	13	Right	18.29	7.32	0.19	0.00	0.00	0.00	0.00	
P	234+25.1	14	Right	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	234+31.4	15	Right	18.29	7.32	0.09	0.00	0.00	0.00	0.00	
P	234+37.8	16	Right	18.29	7.32	0.19	0.00	0.00	0.00	0.00	
P	234+44.2	17	Right	18.29	7.32	0.28	0.00	0.00	0.00	0.00	
P	234+50.5	18	Right	18.29	7.32	0.19	0.00	0.00	0.00	0.00	
P	234+56.9	19	Right	18.29	7.32	0.19	0.00	0.00	0.00	0.00	
P	234+63.3	20	Right	18.29	7.32	0.19	0.00	0.00	0.00	0.00	
P	234+69.6	21	Right	18.29	7.32	0.19	0.00	0.00	0.00	0.00	
P	234+75.7	22	Right	18.29	7.32	0.09	0.00	0.00	6.10	0.00	
P	234+81.8	23	Right	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	234+87.9	24	Right	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	234+94.0	25	Right	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	235+00.1	26	Right	18.29	7.32	0.09	0.00	0.00	0.00	0.00	
P	235+06.2	27	Right	18.29	7.32	0.19	0.00	0.00	0.00	0.00	
P	235+12.3	28	Right	18.29	7.32	0.09	0.00	0.00	0.00	0.00	
P	235+18.4	29	Right	18.29	7.32	0.09	0.00	0.00	0.00	0.00	
P	235+24.5	30	Right	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	235+30.6	31	Right	18.29	7.32	0.09	0.00	0.00	0.00	0.00	
P	235+36.7	32	Right	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	235+42.8	33	Right	18.29	7.32	0.09	0.00	0.00	0.00	0.00	
P	235+48.9	34	Right	18.29	7.32	0.19	0.00	0.00	0.00	0.00	
P	235+55.0	35	Right	18.29	7.32	0.28	0.00	0.00	0.00	3.66	
P	235+61.1	36	Right	18.29	7.32	0.09	0.00	0.00	0.00	0.00	
P	235+67.2	37	Right	18.29	7.32	0.19	0.00	0.00	0.00	3.66	
P	235+73.3	38	Right	24.38	8.53	0.00	0.00	0.00	0.00	0.00	
P	235+79.4	39	Right	24.38	9.14	0.09	0.00	0.00	0.00	3.66	
P	235+85.5	40	Right	24.38	9.75	0.00	0.00	0.00	0.00	0.00	
P	235+91.6	41	Right	24.38	10.36	0.00	0.00	0.00	0.00	0.00	
P	235+97.7	42	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	236+03.8	43	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	236+09.9	44	Right	24.38	10.97	0.19	0.00	0.00	0.00	4.88	
P	236+16.0	45	Right	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	236+22.0	46	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	236+22.0	-	Right	6.10	3.66	0.00	0.00	0.00	0.00	4.57	JACK AVE RET.
P	236+28.1	-	Right	6.10	3.66	0.00	0.00	0.00	0.00	4.57	JACK AVE RET.
P	236+34.2	47	Right	24.38	10.97	0.19	11.15	0.00	0.00	0.00	
P	236+40.3	48	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	236+46.4	49	Right	18.29	10.97	0.19	0.00	0.00	0.00	0.00	
P	236+52.5	50	Right	18.29	7.32	0.19	0.00	0.00	0.00	0.00	
P	236+58.6	51	Right	24.38	7.32	0.37	0.00	0.00	0.00	0.00	
P	236+64.7	52	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	236+70.8	53	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	236+76.9	54	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	236+83.0	55	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	236+89.1	56	Right	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	236+95.2	57	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	237+01.3	58	Right	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	237+07.4	59	Right	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	237+13.5	60	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	237+19.6	61	Right	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	237+25.7	62	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	237+31.8	63	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	237+37.9	64	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	237+44.0	65	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	237+50.1	66	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	237+56.2	67	Right	24.38	10.97	0.09	10.31	0.00	0.00	3.66	
P	237+62.3	68	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	237+68.4	69	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	237+74.4	70	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	237+80.5	71	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	237+86.6	72	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	237+92.7	73	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	237+98.8	74	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	238+04.9	75	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	238+11.0	76	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	238+17.1	77	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	238+23.2	78	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	238+29.3	79	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	238+35.4	80	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	238+41.5	81	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	238+47.6	82	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	238+53.7	83	Right	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	238+59.8	84	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	238+65.9	85	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	238+72.0	86	Right	24.38	12.80	0.74	0.00	0.00	0.00	0.00	
P	238+78.1	87	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	238+84.2	88	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	238+90.3	89	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	238+96.4	90	Right	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	239+02.5	91	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	239+08.6	92	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	239+14.7	93	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	239+20.8	94	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	239+26.8	95	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	239+32.9	96	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	239+39.0	97	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	239+45.1	98	Right	24.38	10.97	1.11	0.00	0.00	0.00	6.10	
P	239+51.2	99	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	239+57.3	100	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	239+63.4	101	Right	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	239+69.5	102	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	239+75.6	103	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	239+81.7	104	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	239+87.8	105	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	239+93.9	106	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	240+00.0	107	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	240+06.1	108	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
	TOTAL		P								
			P								

FOR TOTALS, SEE SHEET 25 .

DIMENSIONS APPROXIMATE. A FIELD SURVEY OF THE SLAB LAYOUT WAS NOT DONE.
SLAB CONDITION AS OF DECEMBER 1995.

Talbot, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF CONCRETE PAVEMENT REPAIRS

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	19

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

Submitted for Checking — DATE — Original Information Provided by Right of Way — DATE

D.E.: ED Corrected/Yellow Changed/Red — DATE — C.E.I. B&D CHECKER (Green Check or Circle & Remark Incorrect) — DATE

SUMMARY OF CONCRETE PAVEMENT REPAIRS

QTY	LOCATION APPROX. SLAB START STATION	SLAB GROUP NUMBER	SIDE	JOINTS (M)		SPALLS (M2)	SLAB REPLACEMENT (M2)		CLEAN AND SEAL RANDOM CRACKS (M)		COMMENTS
				LONGITUDINAL	TRANSVERSE		PARTIAL	FULL	LONGITUDINAL	TRANSVERSE	
P	240+12.2	109	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	240+18.3	110	Right	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	240+24.4	111	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	240+30.5	112	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	240+36.6	113	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	240+42.7	114	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	240+48.8	115	Right	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	240+54.9	116	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	240+61.0	117	Right	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	240+67.1	118	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	240+73.2	119	Right	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	240+79.2	120	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	240+85.3	121	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	240+91.4	122	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	240+97.5	123	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	241+03.6	124	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	241+09.7	125	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	241+15.8	126	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	241+21.9	127	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	241+28.0	128	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	241+34.1	129	Right	24.38	10.97	0.19	0.00	0.00	0.00	3.66	
P	241+40.2	130	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	241+46.3	131	Right	28.04	14.63	0.28	0.00	0.00	4.57	3.05	
P	241+53.9	132	Right	28.04	14.63	0.00	0.00	0.00	0.00	0.00	
P	241+61.5	133	Right	28.04	14.63	3.72	0.00	0.00	0.00	0.00	
P	241+69.2	134	Right	28.04	14.63	0.00	0.00	22.30	0.00	0.00	
P	241+76.8	135	Right	28.04	14.63	0.19	0.00	0.00	0.00	3.66	
P	241+82.9	136	Right	28.04	14.63	0.37	0.00	0.00	0.00	0.00	
P	241+89.0	137	Right	28.04	14.63	0.28	0.00	0.00	4.57	4.57	
P	241+95.1	138	Right	28.04	14.63	0.28	0.00	0.00	0.00	0.00	
P	242+01.2	139	Right	28.04	14.63	0.09	0.00	0.00	0.00	3.66	
P	242+07.3	140	Right	28.04	14.63	0.00	0.00	0.00	0.00	3.66	
P	242+13.4	141	Right	28.04	14.63	0.19	0.00	0.00	0.00	2.44	
P	242+19.5	142	Right	28.04	14.63	0.28	0.00	0.00	0.00	0.00	
P	242+25.6	143	Right	28.04	14.63	0.46	0.00	0.00	0.00	3.05	
P	242+31.6	144	Right	24.38	10.97	0.19	11.15	0.00	0.00	0.00	
P	242+37.7	145	Right	24.38	10.97	0.46	17.84	0.00	0.00	0.00	
P	242+43.8	146	Right	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	242+49.9	147	Right	24.38	10.97	0.74	0.00	0.00	0.00	1.83	
P	242+56.0	148	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	242+62.1	149	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	242+68.2	150	Right	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	242+74.3	151	Right	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	242+80.4	152	Right	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	242+86.5	153	Right	24.38	10.97	0.19	0.00	0.00	0.00	1.52	
P	242+92.6	154	Right	24.38	10.97	0.19	0.00	0.00	0.00	1.22	
P	242+98.7	155	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	243+04.8	156	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	243+10.9	157	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	243+17.0	158	Right	24.38	10.97	1.11	0.00	0.00	0.00	0.00	
P	243+23.1	159	Right	24.38	10.97	0.37	12.26	0.00	0.00	0.00	
P	243+29.2	160	Right	24.38	10.97	1.39	0.00	0.00	0.00	0.00	
P	243+35.3	161	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	243+41.4	162	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	243+47.5	163	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	243+53.6	164	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	243+59.7	165	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	243+65.8	166	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	243+71.9	167	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	243+78.0	168	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	243+84.0	169	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	243+90.1	170	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	243+96.2	171	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.61	
P	244+02.3	172	Right	24.38	10.97	0.19	6.69	0.00	0.00	0.00	
P	244+08.4	173	Right	24.38	10.97	0.56	6.69	0.00	0.00	0.00	
P	244+14.5	174	Right	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	244+20.6	175	Right	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	244+26.7	176	Right	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	244+32.8	177	Right	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	244+38.9	178	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.91	
P	244+46.5	179	Right	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	244+54.2	180	Right	30.48	14.63	0.74	0.00	0.00	0.00	0.00	
P	244+60.2	181	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.61	
P	244+66.3	182	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	244+72.4	183	Right	24.38	10.97	0.46	0.00	0.00	0.00	3.66	
P	244+80.1	184	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	244+86.2	185	Right	24.38	10.97	0.00	0.00	56.67	0.00	0.00	
P	244+92.3	186	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	244+98.3	187	Right	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	245+06.0	188	Right	24.38	10.97	0.14	0.00	0.00	0.00	0.00	
P	245+12.1	189	Right	24.38	10.97	0.00	0.00	22.30	0.00	3.96	
P	245+18.2	190	Right	24.38	10.97	0.00	0.00	44.59	0.00	0.00	
P	245+24.3	191	Right	24.38	10.97	0.00	0.00	44.59	0.00	0.00	
P	245+30.4	192	Right	24.38	10.97	0.00	6.69	22.30	0.00	0.00	
P	245+36.4	193	Right	24.38	10.97	0.46	3.62	0.00	0.00	0.00	
P	245+43.2	194	Right	24.38	10.97	0.00	0.00	0.00	0.00	13.72	
P	245+49.9	195	Right	24.38	10.97	0.00	18.21	0.00	0.00	0.00	
P	245+56.6	196	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	245+63.3	197	Right	24.38	10.97	0.46	0.00	0.00	6.00	2.13	
P	245+70.0	198	Right	24.38	10.97	0.56	0.00	0.00	6.00	0.00	
P	245+76.7	199	Right	30.48	14.63	0.28	0.00	0.00	6.00	0.00	
P	245+83.4	200	Right	30.48	14.63	0.19	0.00	0.00	0.00	0.00	
P	245+90.1	201	Right	30.48	14.63	0.19	0.00	0.00	6.10	0.00	
P	245+96.8	202	Right	30.48	14.63	0.00	0.00	0.00	6.10	3.66	
P	246+03.5	203	Right	30.48	14.63	0.37	0.00	0.00	0.00	0.00	
P	246+10.2	204	Right	30.48	14.63	0.19	0.00	0.00	0.00	0.00	
P	246+16.9	205	Right	30.48	14.63	0.00	0.00	0.00	0.00	0.00	
P	246+23.6	206	Right	30.48	14.63	0.00	0.00	0.00	0.00	0.00	
P	246+29.7	207	Right	30.48	14.63	0.28	0.00	0.00	0.00	0.00	
P	246+36.4	208	Right	30.48	14.63	0.28	0.00	0.00	0.00	0.00	
P	246+43.1	209	Right	30.48	14.63	0.37	0.00	0.00	0.00	0.00	
P	246+49.8	210	Right	30.48	14.63	0.28	0.00	0.00	0.00	0.00	
P	246+55.9	-	Right	9.14	7.32	0.00	3.72	0.00	3.05	9.14	TENN. AVE RET.
P	246+62.6	211	Right	30.48	14.63	0.00	0.00	0.00	0.00	0.00	
P	246+69.3	212	Right	30.48	14.63	0.37	0.00	0.00	0.00	2.13	
P	246+76.0	213	Right	30.48	14.63	0.28	0.00	0.00	0.00	0.00	
P	246+82.8	214	Right	30.48	14.63	0.09	0.00	0.00	0.00	0.00	
P	246+88.8	215	Right	30.48	14.63	0.19	0.00	0.00	0.00	0.00	
P	246+94.9	216	Right	30.48	14.63	0.28	0.00	0.00	6.10	0.00	
P	247+01.0	217	Right	30.48	14.63	0.19	0.00	0.00	6.10	0.00	
	TOTAL		P								
			P								

FOR TOTALS, SEE SHEET 25 .

DIMENSIONS APPROXIMATE. A FIELD SURVEY OF THE SLAB LAYOUT WAS NOT DONE.
SLAB CONDITION AS OF DECEMBER 1995.

Taliaferro, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF CONCRETE PAVEMENT REPAIRS

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	20

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

O.K. - As Corrected/Changed/Red — DATE

ORIGINAL INCORPORATION (Initial, Mylar Sheet) — DATE

O.K. BACK CHECKER (Green Check or Circle & Remark Incorrect) — DATE

SUMMARY OF CONCRETE PAVEMENT REPAIRS

QTY	LOCATION APPROX. SLAB START STATION	SLAB GROUP NUMBER	SIDE	JOINTS (M)		SPALLS (M2)	SLAB REPLACEMENT (M2)		CLEAN AND SEAL RANDOM CRACKS (M)		COMMENTS
				LONGITUDINAL	TRANSVERSE		PARTIAL	FULL	LONGITUDINAL	TRANSVERSE	
P	247+07.1	218	Right	30.48	14.63	0.00	0.00	0.00	0.00	1.83	
P	247+13.2	219	Right	30.48	13.72	0.00	0.00	0.00	0.00	2.44	
P	247+19.3	220	Right	30.48	12.80	0.19	0.00	0.00	0.00	0.00	
P	247+25.4	221	Right	30.48	12.80	0.00	0.00	0.00	0.00	0.00	
P	247+31.5	222	Right	30.48	12.80	0.00	0.00	0.00	0.00	3.05	
P	247+37.6	223	Right	30.48	12.19	0.00	0.00	0.00	0.00	0.00	
P	247+43.7	224	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	247+49.8	225	Right	24.38	10.97	0.28	17.37	0.00	0.00	0.00	
P	247+55.9	226	Right	24.38	10.97	0.19	0.00	0.00	0.00	4.57	
P	247+62.0	227	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	247+68.1	228	Right	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	247+74.2	229	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	247+80.3	230	Right	24.38	10.97	1.11	0.00	0.00	0.00	0.00	
P	247+86.4	231	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	247+92.5	232	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	247+98.6	233	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	248+04.7	234	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	248+10.8	235	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	248+16.9	236	Right	24.38	10.97	0.09	0.00	0.00	0.00	3.66	
P	248+23.0	237	Right	24.38	10.97	0.37	0.00	0.00	6.10	0.00	
P	248+29.1	238	Right	24.38	10.97	0.00	0.00	22.30	0.00	0.00	
P	248+35.2	239	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	248+41.2	240	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	248+47.7	241	Right	24.38	10.97	0.46	0.00	0.00	0.00	1.83	
P	248+54.2	242	Right	24.38	10.97	0.93	0.00	0.00	6.10	0.00	
P	248+60.7	243	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	248+67.2	244	Right	24.38	10.97	0.00	0.00	0.00	0.00	2.13	
P	248+73.7	245	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	248+80.2	246	Right	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	248+86.7	247	Right	24.38	10.97	0.00	0.00	0.00	0.00	1.83	
P	248+93.2	248	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	248+99.7	249	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	249+06.2	250	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	249+12.7	251	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	249+19.2	252	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	249+25.6	253	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	249+32.1	254	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	249+38.6	255	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	249+45.1	256	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	249+51.6	257	Right	24.38	10.97	0.93	0.00	0.00	0.00	10.67	
P	249+58.1	258	Right	24.38	10.97	1.39	0.00	0.00	0.00	3.05	
P	249+64.6	259	Right	24.38	10.97	3.34	0.00	0.00	0.00	0.00	
P	249+71.1	260	Right	24.38	10.97	2.32	0.00	0.00	0.00	0.00	
P	249+77.6	261	Right	24.38	10.97	2.32	0.00	0.00	0.00	0.00	
P	249+84.1	262	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	249+90.6	263	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	249+97.1	264	Right	24.38	10.97	0.00	6.04	0.00	2.44	0.00	
P	250+03.6	265	Right	24.38	10.97	0.09	6.04	0.00	0.00	0.00	
P	250+10.0	266	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	250+16.5	267	Right	24.38	10.97	0.00	0.00	0.00	0.00	2.13	
P	250+23.0	268	Right	24.38	10.97	0.09	0.00	0.00	1.52	0.00	
P	250+29.5	269	Right	24.38	10.97	0.19	0.00	0.00	0.00	2.13	
P	250+36.0	270	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	250+42.5	271	Right	24.38	10.97	0.00	0.00	0.00	0.00	3.05	
P	250+49.0	272	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	250+55.5	273	Right	24.38	10.97	0.28	0.00	0.00	0.00	2.44	
P	250+62.0	274	Right	24.38	10.97	0.28	31.59	0.00	0.00	0.00	
P	250+68.5	275	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	250+75.0	276	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	250+81.5	277	Right	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	250+88.0	278	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	250+94.4	279	Right	24.38	10.97	0.00	0.00	0.00	0.00	2.13	
P	251+00.9	280	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	251+07.4	281	Right	24.38	10.97	0.46	0.00	0.00	0.00	12.19	
P	251+13.9	282	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	251+20.4	283	Right	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	251+26.9	284	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	251+33.4	285	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	251+39.9	286	Right	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	251+46.1	287	Right	24.38	10.97	0.00	3.62	0.00	0.00	0.00	
P	251+51.9	288	Right	24.38	10.97	0.19	3.62	0.00	6.10	1.83	
P	251+57.8	289	Right	24.38	10.97	0.46	0.00	12.08	0.00	0.00	
P	251+63.6	Ret	Right	0.00	0.00	0.00	0.00	46.45	0.00	0.00	
P	251+69.5	290	Right	24.38	10.97	0.56	3.62	0.00	0.00	2.13	
P	251+75.4	291	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	251+81.2	292	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	251+87.1	293	Right	24.38	10.97	0.00	3.62	0.00	0.00	0.00	
P	251+92.9	294	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	251+98.8	295	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	252+04.7	296	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	252+10.5	297	Right	24.38	10.97	0.00	0.00	0.00	6.10	0.00	
P	252+16.4	298	Right	24.38	10.97	0.00	0.00	0.00	6.10	0.00	
P	252+22.2	299	Right	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	252+28.1	300	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	252+34.0	301	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	252+39.8	302	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	252+45.7	303	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	252+51.6	304	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	252+57.4	305	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	252+63.3	306	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	252+69.1	307	Right	24.38	10.97	0.00	3.62	0.00	0.00	0.00	
P	252+75.0	308	Right	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	252+80.9	309	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	252+86.7	310	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	252+92.6	311	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	252+98.5	312	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	253+04.5	313	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	253+10.6	314	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	253+16.7	315	Right	24.38	10.97	0.93	6.04	0.00	0.00	0.00	
P	253+22.8	316	Right	24.38	10.97	0.00	0.00	12.08	0.00	0.00	
P	253+28.9	317	Right	24.38	10.97	0.00	0.00	12.08	0.00	0.00	
P	253+35.0	318	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	253+41.1	319	Right	24.38	10.97	0.19	0.00	0.00	0.00	2.13	
P	253+47.2	320	Right	24.38	10.97	0.00	0.00	12.08	0.00	0.00	
P	253+53.3	321	Right	24.38	10.97	0.00	17.00	0.00	0.00	0.00	
P	253+59.4	322	Right	24.38	10.97	0.00	10.31	0.00	0.00	0.00	
P	253+65.5	323	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	253+71.6	324	Right	24.38	10.97	0.00	0.00	0.00	6.10	0.00	
P	253+77.7	325	Right	24.38	10.97	0.00	6.69	12.08	0.00	0.00	
P	253+83.8	326	Right	24.38	10.97	0.00	8.92	12.08	0.00	0.00	
	TOTAL		P P								

FOR TOTALS, SEE SHEET 25 .

DIMENSIONS APPROXIMATE. A FIELD SURVEY OF THE SLAB LAYOUT WAS NOT DONE.
SLAB CONDITION AS OF DECEMBER 1995.

Tillotson, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF CONCRETE PAVEMENT REPAIRS

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	21

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

1. Revision Ready for Checking	DATE	3. Initial Incorporation (Prelim. Highlighter)	DATE
2. ED Corrections/Changer Req.	DATE	4. Back Checker (Check or Circle & Remark Incorrect)	DATE

SUMMARY OF CONCRETE PAVEMENT REPAIRS

QTY	LOCATION APPROX. SLAB START STATION	SLAB GROUP NUMBER	SIDE	JOINTS (M) LONGITUDINAL	JOINTS (M) TRANSVERSE	SPALLS (M2)	SLAB REPLACEMENT (M2) PARTIAL	SLAB REPLACEMENT (M2) FULL	CLEAN AND SEAL RANDOM CRACKS (M) LONGITUDINAL	CLEAN AND SEAL RANDOM CRACKS (M) TRANSVERSE	COMMENTS
P	253+89.9	327	Right	24.38	10.97	0.00	0.00	34.37	0.00	0.00	
P	253+96.0	328	Right	24.38	10.97	0.19	8.45	0.00	0.00	0.00	
P	254+02.1	329	Right	24.38	10.97	0.00	15.61	0.00	0.00	0.00	
P	254+08.2	330	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	254+14.3	331	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	254+20.4	332	Right	24.38	10.97	0.00	0.00	0.00	0.00	3.66	
P	254+26.5	333	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	254+32.6	334	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	254+38.7	335	Right	24.38	10.97	0.00	6.04	0.00	0.00	0.00	
P	254+44.8	336	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	254+50.9	337	Right	24.38	10.97	0.00	72.00	0.00	0.00	0.00	
P	254+56.9	338	Right	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	254+63.0	339	Right	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	254+69.1	Return	Right	6.10	7.32	0.00	13.94	0.00	0.00	0.00	
P	254+75.2	340	Right	9.14	10.97	0.00	0.00	0.00	0.00	0.00	
P	254+81.3	341	Right	9.14	10.97	0.00	0.00	0.00	0.91	0.00	
P	254+87.4	342	Right	24.38	10.97	0.00	6.69	0.00	0.00	0.00	
P	254+93.5	343	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	254+99.6	344	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	255+05.7	345	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	255+11.8	346	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	255+17.9	347	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	255+24.0	348	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	255+30.1	349	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	255+36.2	350	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	255+42.3	351	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	255+48.4	352	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	255+54.5	353	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	255+60.6	354	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.91	
P	255+66.7	355	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	255+72.8	356	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	255+78.9	357	Right	24.38	10.97	1.39	14.77	0.00	0.00	7.32	
P	255+85.0	358	Right	0.00	0.00	0.00	0.00	89.19	0.00	0.00	
P	255+91.1	359	Right	0.00	0.00	0.00	0.00	89.19	0.00	0.00	
P	255+97.2	360	Right	24.38	10.97	0.00	0.00	0.00	0.00	9.14	
P	256+03.3	361	Right	24.38	10.97	0.00	0.00	0.00	0.00	3.66	
P	256+09.3	362	Right	24.38	10.97	0.00	0.00	0.00	0.00	10.67	
P	256+15.4	363	Right	24.38	10.97	0.00	0.00	0.00	0.00	7.32	
P	256+21.5	364	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	256+27.6	365	Right	24.38	10.97	0.00	0.00	0.00	0.00	7.32	
P	256+33.7	366	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	256+39.8	367	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	256+45.9	368	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	256+52.0	369	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	256+58.1	370	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	256+64.2	371	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	256+70.3	372	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	256+76.4	373	Right	24.38	10.97	0.00	0.00	0.00	0.00	3.05	
P	256+82.5	374	Right	24.38	10.97	0.00	0.00	0.00	6.10	1.83	
P	256+88.6	375	Right	24.38	10.97	0.00	0.00	0.00	5.49	0.00	
P	256+94.7	376	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	257+00.8	377	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	257+06.9	378	Right	24.38	10.97	0.00	0.00	22.30	0.00	0.00	
P	257+13.0	379	Right	24.38	10.97	0.00	0.00	22.30	0.00	0.00	
P	257+19.1	380	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	257+25.2	381	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	257+31.3	382	Right	24.38	10.97	0.00	0.00	0.00	3.05	3.05	
P	257+37.4	383	Right	24.38	10.97	0.00	0.00	0.00	0.00	6.10	
P	257+43.5	384	Right	24.38	10.97	0.00	0.00	0.00	0.00	4.57	
P	257+49.6	385	Right	24.38	10.97	0.37	0.00	0.00	3.66	1.52	
P	257+55.7	386	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	257+61.7	387	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	257+67.8	388	Right	24.38	10.97	0.00	0.00	0.00	3.05	6.10	
P	257+73.9	389	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	257+80.0	390	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	257+86.1	391	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	257+92.2	392	Right	24.38	10.97	0.56	0.00	0.00	0.00	2.13	
P	257+98.3	393	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	258+04.4	394	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	258+10.5	395	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	258+16.6	396	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	258+22.7	397	Right	24.38	10.97	1.11	0.00	0.00	0.00	0.00	
P	258+28.8	398	Right	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	258+34.9	399	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	258+41.0	400	Right	24.38	10.97	0.56	0.00	0.00	3.05	1.83	
P	258+47.1	401	Right	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	258+53.2	402	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	258+59.3	403	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	258+65.4	404	Right	24.38	10.97	0.46	0.00	0.00	0.00	3.66	
P	258+71.5	405	Right	24.38	10.97	0.00	0.00	0.00	0.00	3.66	
P	258+77.6	406	Right	24.38	10.97	0.00	3.62	0.00	0.00	3.96	
P	258+83.7	407	Right	24.38	10.97	0.00	3.62	22.30	0.00	0.00	
P	258+89.8	408	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	258+95.9	409	Right	24.38	10.97	1.11	0.00	0.00	0.00	0.00	
P	259+02.0	410	Right	24.38	10.97	0.00	8.45	0.00	0.00	0.00	
P	259+08.1	411	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	259+14.1	412	Right	24.38	10.97	0.00	0.00	12.08	6.10	2.44	
P	259+20.2	413	Right	24.38	10.97	0.00	0.00	34.37	0.00	0.00	
P	259+26.3	414	Right	24.38	10.97	0.00	0.00	34.37	0.00	0.00	
P	259+32.4	415	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	259+38.5	416	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	259+44.6	417	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	259+50.7	418	Right	24.38	10.97	0.19	0.00	0.00	0.00	2.13	
P	259+56.8	419	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	259+62.9	420	Right	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	259+69.0	421	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	259+75.1	422	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	259+81.2	423	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	259+87.3	424	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	259+93.4	425	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	259+99.5	426	Right	24.38	10.97	0.28	0.00	0.00	0.00	7.32	
P	260+05.6	427	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	260+11.7	428	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	260+17.8	429	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	260+23.9	430	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	260+30.0	431	Right	24.38	10.97	0.56	0.00	0.00	0.00	2.44	
P	260+36.1	432	Right	24.38	10.97	0.37	0.00	0.00	0.00	6.71	
P	260+42.2	433	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	260+48.3	434	Right	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	260+54.4	435	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
	TOTAL		P								
			P								

FOR TOTALS. SEE SHEET 25 .

DIMENSIONS APPROXIMATE. A FIELD SURVEY OF THE SLAB LAYOUT WAS NOT DONE.
SLAB CONDITION AS OF DECEMBER 1995.

Tillotson, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF CONCRETE PAVEMENT REPAIRS

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	22

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

Q.C.: ED Correct/Initial/Change/Red — DATE

Q.C.: BACK CHECKER (Initial Check or Circle & Remark Incorrect) — DATE

SUMMARY OF CONCRETE PAVEMENT REPAIRS

QTY	LOCATION APPROX. SLAB START STATION	SLAB GROUP NUMBER	SIDE	JOINTS (M)		SPALLS (M2)	SLAB REPLACEMENT (M2)		CLEAN AND SEAL RANDOM CRACKS (M)		COMMENTS
				LONGITUDINAL	TRANSVERSE		PARTIAL	FULL	LONGITUDINAL	TRANSVERSE	
P	260+60.5	436	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	260+66.9	437	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	260+73.3	438	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	260+79.7	439	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	260+86.1	440	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	260+92.5	441	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	260+98.9	442	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	261+05.3	443	Right	24.38	10.97	0.00	4.83	0.00	0.00	1.52	
P	261+11.7	444	Right	24.38	10.97	0.00	0.00	12.08	0.00	0.00	
P	261+18.1	445	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	261+24.5	446	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	261+30.9	447	Right	24.38	10.97	0.00	0.00	0.00	0.00	2.13	
P	261+37.3	448	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	261+42.7	449	Right	24.38	10.97	0.00	0.00	0.00	0.00	2.13	
P	261+49.1	450	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	261+55.6	451	Right	24.38	10.97	0.00	8.45	0.00	0.00	0.00	
P	261+62.0	452	Right	24.38	10.97	0.00	0.00	12.08	0.00	0.00	
P	261+68.4	453	Right	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	261+74.8	454	Right	24.38	10.97	0.19	0.00	12.08	0.00	0.00	
P	261+81.2	455	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	261+87.6	456	Right	24.38	10.97	0.00	0.00	0.00	0.00	9.75	
P	261+94.0	457	Right	24.38	10.97	0.00	0.00	0.00	0.00	6.10	
P	262+00.4	458	Right	24.38	10.97	0.00	0.00	0.00	0.00	2.13	
P	262+06.8	459	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	262+12.9	460	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	262+19.2	461	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	262+25.6	462	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	262+31.9	463	Right	24.38	10.97	0.00	0.00	0.00	0.00	6.10	
P	262+38.3	464	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	262+44.6	465	Right	24.38	10.97	0.37	0.00	0.00	0.00	7.32	
P	262+51.0	466	Right	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	262+57.3	467	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	262+63.7	468	Right	24.38	10.97	0.00	0.00	0.00	0.00	7.32	
P	262+70.0	469	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	262+76.4	470	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	262+82.7	471	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	262+89.1	472	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	262+95.4	473	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	263+01.8	474	Right	24.38	10.97	0.00	0.00	0.00	0.00	7.32	
P	263+08.1	475	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	263+14.5	476	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	263+20.8	477	Right	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	263+27.2	478	Right	24.38	10.97	0.19	0.00	0.00	0.00	2.13	
P	263+33.5	479	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	263+39.9	480	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	263+46.2	481	Right	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	263+52.6	482	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	263+58.9	483	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.91	
P	263+65.3	484	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	263+71.7	485	Right	24.38	10.97	0.00	8.45	0.00	0.00	0.00	
P	263+78.1	486	Right	24.38	10.97	0.00	3.62	0.00	0.00	0.00	
P	263+84.5	487	Right	24.38	10.97	0.00	7.90	0.00	0.00	0.00	
P	263+90.9	488	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	263+97.3	489	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	264+03.7	490	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	264+10.1	491	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	264+16.5	492	Right	24.38	10.97	0.00	3.62	0.00	0.00	0.00	
P	264+22.9	493	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	264+29.3	494	Right	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	264+35.7	495	Right	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	264+42.1	496	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	264+48.5	497	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	264+54.9	498	Right	24.38	10.97	0.00	3.62	0.00	0.00	0.00	
P	264+61.3	499	Right	24.38	10.97	0.37	6.69	0.00	0.00	0.00	
P	264+67.7	500	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	264+74.1	501	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	264+80.5	502	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	264+86.9	503	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	264+93.3	504	Right	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	264+99.7	505	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	265+06.1	506	Right	24.38	10.97	0.00	0.00	60.39	0.00	0.00	
P	265+17.7	507	Right	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	265+19.2	508	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	265+25.4	509	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	265+31.7	510	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	265+37.9	511	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	265+44.2	512	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	265+50.4	513	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	265+56.7	514	Right	24.38	10.97	0.00	0.00	56.67	0.00	0.00	
P	265+62.9	515	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	265+69.2	516	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	265+75.4	517	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	265+81.7	518	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	265+87.9	519	Right	24.38	10.97	0.19	0.00	0.00	0.00	7.32	
P	265+94.2	520	Right	24.38	10.97	0.00	0.00	0.00	0.00	4.88	
P	266+00.4	521	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	266+06.7	522	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	266+12.9	523	Right	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	266+19.2	524	Right	24.38	10.97	0.00	0.00	0.00	0.00	6.10	
P	266+25.4	525	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	266+31.6	526	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	266+37.9	527	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	266+44.1	528	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	266+50.4	529	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	266+56.6	530	Right	24.38	10.97	0.00	6.04	0.00	0.00	0.00	
P	266+62.9	531	Right	24.38	10.97	0.00	9.29	0.00	0.00	0.00	
P	266+69.1	532	Right	24.38	10.97	0.46	0.00	0.00	6.10	3.05	
P	266+75.4	533	Right	24.38	10.97	0.00	3.62	0.00	0.00	0.00	
P	266+81.6	534	Right	24.38	10.97	0.00	0.00	0.00	0.00	2.13	
P	266+87.9	535	Right	24.38	10.97	1.86	0.00	0.00	0.00	0.00	
P	266+94.1	536	Right	24.38	10.97	0.00	0.00	0.00	0.00	10.67	
P	267+00.4	537	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	267+06.6	538	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	267+12.9	539	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	267+19.1	540	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	267+25.4	541	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	267+31.6	542	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	267+37.9	543	Right	24.38	10.97	0.00	0.00	0.00	0.00	7.62	
P	267+44.1	544	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	267+50.4	545	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
	TOTAL		P								
			P								

FOR TOTALS, SEE SHEET 25 .

DIMENSIONS APPROXIMATE. A FIELD SURVEY OF THE SLAB LAYOUT WAS NOT DONE.
SLAB CONDITION AS OF DECEMBER 1995.

Taylor, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF CONCRETE PAVEMENT REPAIRS

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	23

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

Calculations Ready for Checking — DATE

S.C.C. EOR Corrections Incorporated — DATE

Q.A. BACK CHECKER (When Check or Circle & Remark Incorrect) — DATE

SUMMARY OF CONCRETE PAVEMENT REPAIRS

QTY	LOCATION APPROX. SLAB START STATION	SLAB GROUP NUMBER	SIDE	JOINTS (W)		SPALLS (W2)	SLAB REPLACEMENT (W2)		CLEAN AND SEAL RANDOM CRACKS (W)		COMMENTS
				LONGITUDINAL	TRANSVERSE		PARTIAL	FULL	LONGITUDINAL	TRANSVERSE	
P	267+56.6	546	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	267+62.9	547	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	267+69.1	548	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	267+75.4	549	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	267+81.6	550	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	267+87.9	551	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	267+94.1	552	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	268+00.4	553	Right	24.38	10.97	0.37	0.00	0.00	0.00	2.13	
P	268+06.6	554	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	268+12.9	555	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	268+19.1	556	Right	24.38	10.97	0.19	0.00	0.00	6.10	0.00	
P	268+25.3	557	Right	24.38	10.97	0.19	0.00	0.00	6.10	4.27	
P	268+31.6	558	Right	24.38	10.97	0.19	0.00	0.00	6.40	0.00	
P	268+37.8	559	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	268+44.1	560	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	268+50.3	561	Right	24.38	10.97	0.00	0.00	0.00	6.10	0.00	
P	268+56.6	562	Right	24.38	10.97	0.19	0.00	0.00	6.10	4.27	
P	268+62.8	563	Right	24.38	10.97	0.00	0.00	22.30	0.00	2.13	
P	268+69.1	564	Right	24.38	10.97	0.00	0.00	22.30	0.00	0.00	
P	268+75.3	565	Right	24.38	10.97	0.00	0.00	12.08	0.00	0.00	
P	268+81.9	566	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	268+88.1	567	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	268+94.4	568	Right	24.38	10.97	0.00	0.00	0.00	0.00	3.05	
P	269+00.6	569	Right	24.38	10.97	0.19	0.00	0.00	0.00	2.44	
P	269+06.9	570	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	269+13.1	571	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	269+19.4	572	Right	24.38	10.97	0.00	0.00	0.00	0.00	7.32	
P	269+25.6	573	Right	24.38	10.97	0.00	0.00	0.00	C.00	0.00	
P	269+31.9	574	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	269+38.1	575	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	269+45.0	576	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	269+51.2	577	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	269+57.5	578	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	269+63.7	579	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	269+70.0	580	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	269+76.2	581	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	269+82.5	582	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	269+88.7	583	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	269+95.0	584	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	270+01.2	585	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	270+07.5	586	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	270+13.7	587	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	270+20.0	588	Right	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	270+26.2	589	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	270+32.5	590	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	270+38.7	591	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	270+47.4	592	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	270+54.1	593	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	270+60.2	594	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	270+66.3	595	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	270+72.4	596	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	270+78.5	597	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	270+84.6	598	Right	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	270+90.7	599	Right	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	270+96.8	600	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	271+02.9	601	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	271+09.0	602	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	271+15.1	603	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	271+21.2	604	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	271+27.3	605	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	271+33.5	606	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	271+39.8	607	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	271+46.0	608	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	271+52.2	609	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	271+58.5	610	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	271+64.7	611	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	271+71.0	612	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	271+77.2	613	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	271+83.5	614	Right	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	271+89.7	615	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	271+96.0	616	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	272+02.2	617	Right	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	272+08.5	618	Right	24.38	10.97	0.74	0.00	0.00	1.52	1.22	
P	272+14.7	619	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	272+21.0	620	Right	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	272+27.2	621	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	272+33.5	622	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	272+39.7	623	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	272+46.0	624	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	272+52.2	625	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	272+58.5	626	Right	24.38	10.97	0.19	0.00	0.00	0.00	2.13	
P	272+64.7	627	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	272+71.0	628	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	272+77.2	629	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	272+83.5	630	Right	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	272+89.7	631	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	272+96.0	632	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	273+02.2	633	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	273+08.5	634	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	273+14.7	635	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	273+21.0	636	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	273+27.2	637	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	273+33.5	638	Right	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	273+39.7	639	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	273+45.9	640	Right	24.38	10.97	0.00	0.00	22.30	0.00	2.13	
P	273+52.2	641	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	273+58.4	642	Right	24.38	10.97	0.00	0.00	44.60	0.00	0.00	X-DRAIN LOC.
P	273+64.7	643	Right	24.38	10.97	0.00	0.00	44.60	0.00	0.00	X-DRAIN LOC.
P	273+70.9	644	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	273+77.2	645	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	273+83.4	646	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	273+89.7	647	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	273+95.9	648	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	274+02.2	649	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	274+08.4	650	Right	24.38	10.97	0.56	0.00	0.00	0.00	3.05	
P	274+14.7	651	Right	24.38	10.97	1.39	0.00	0.00	0.00	3.66	
P	274+20.9	652	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	274+27.2	653	Right	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	274+33.4	654	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	274+39.7	655	Right	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
	TOTAL		P								
			P								

FOR TOTALS, SEE SHEET 25 .

DIMENSIONS APPROXIMATE. A FIELD SURVEY OF THE SLAB LAYOUT WAS NOT DONE.
SLAB CONDITION AS OF DECEMBER 1995.

Taylor, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF CONCRETE PAVEMENT REPAIRS

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	24

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

Plotted Ready for Checking — DATE

RED Corrections (Change/Red) — DATE

Initial Documentation Typed Right/Right — DATE

G.C. Back Checker (Green Check or Circle & Remark Incorrect) — DATE

SUMMARY OF CONCRETE PAVEMENT REPAIRS

QTY	LOCATION APPROX. SLAB START STATION	SLAB GROUP NUMBER	SIDE	JOINTS (M)		SPALLS (M2)	SLAB REPLACEMENT (M2)		CLEAN AND SEAL RANDOM CRACKS (M)		COMMENTS
				LONGITUDINAL	TRANSVERSE		PARTIAL	FULL	LONGITUDINAL	TRANSVERSE	
P	274+45.9	656	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	274+52.2	657	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	274+58.4	658	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	274+65.6	659	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	274+71.8	660	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	274+78.1	661	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	274+84.3	662	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	274+90.6	663	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	274+96.8	664	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275+03.1	665	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275+09.3	666	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275+15.6	667	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275+21.8	668	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275+28.1	669	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275+34.3	670	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275+40.6	671	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275+46.8	672	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	275+53.4	673	Right	24.38	10.97	0.93	2.23	0.00	0.00	6.10	
P	275+59.6	674	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275+65.9	675	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	275+72.1	676	Right	24.38	10.97	1.39	28.34	0.00	0.00	0.00	
P	275+78.4	677	Right	24.38	10.97	0.00	0.00	0.00	0.00	10.67	
P	275+84.5	678	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275+90.6	679	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275+96.6	680	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276+02.7	681	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276+08.8	682	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276+14.9	683	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276+21.0	684	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276+27.1	685	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276+33.2	686	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276+39.3	687	Right	24.38	10.97	0.00	28.34	0.00	0.00	0.00	
P	276+45.4	688	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276+51.5	689	Right	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	276+57.6	690	Right	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	276+63.7	691	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276+69.8	692	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276+75.9	693	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276+82.0	694	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276+88.1	695	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276+94.2	696	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	277+00.3	697	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	277+06.4	698	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	277+12.5	699	Right	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	277+18.6	700	Right	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	277+24.7	701	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	277+30.8	702	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	277+36.9	703	Right	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P											
P											
P									

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DESIGNER: Ready for Checking / DATE	CONSULTANT CONCRETE SPECIALIST OF CONSULTANT FIRM: Check as a / DATE
S.E.: ED Correct/Initial/Change/Red / DATE	CLANCE INCORPORATION TRAFFIC ENGINEER / DATE
D.E.: BACK CHECKER (Green Check or Circle & Remark Incorrect) / DATE	

SUMMARY OF CONCRETE PAVEMENT REPAIRS

QTY	LOCATION APPROX. SLAB START STATION	SLAB GROUP NUMBER	SIDE	JOINTS (M)		SPALLS (M2)	SLAB REPLACEMENT (M2)		CLEAN AND SEAL RANDOM CRACKS (M)		COMMENTS
				LONGITUDINAL	TRANSVERSE		PARTIAL	FULL	LONGITUDINAL	TRANSVERSE	
P	233 +42.2	1	Left	18.29	7.32	0.00	7.80	0.00	5.49	0.00	
P	233 +48.6	2	Left	18.29	7.32	0.00	13.38	0.00	0.00	0.00	
P	233 +55.0	3	Left	18.29	7.32	0.00	0.00	0.00	7.62	0.00	
P	233 +61.4	4	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	233 +67.7	5	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	233 +74.1	6	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	233 +80.5	7	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	233 +86.8	8	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	233 +93.2	9	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	233 +99.6	10	Left	18.29	7.32	0.28	0.00	0.00	0.00	0.00	
P	234 +05.9	11	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	234 +12.3	12	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	234 +18.7	13	Left	18.29	7.32	0.00	0.00	0.00	0.00	3.66	
P	234 +25.1	14	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	234 +31.4	15	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	234 +37.8	16	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	234 +44.2	17	Left	18.29	7.32	0.19	0.00	0.00	0.00	0.00	
P	234 +50.5	18	Left	18.29	7.32	1.86	0.00	0.00	0.00	0.00	
P	234 +56.9	19	Left	18.29	7.32	1.39	0.00	0.00	0.00	3.66	
P	234 +63.3	20	Left	18.29	7.32	0.46	0.00	0.00	0.00	0.00	
P	234 +69.6	21	Left	18.29	7.32	1.11	0.00	0.00	0.00	0.00	
P	234 +75.7	22	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	234 +81.8	23	Left	18.29	7.32	0.00	0.00	0.00	0.00	3.66	
P	234 +87.9	24	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	234 +94.0	25	Left	18.29	7.32	0.28	0.00	0.00	0.00	0.00	
P	235 +00.1	26	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	235 +06.2	27	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	235 +12.3	28	Left	18.29	7.32	0.00	0.00	0.00	0.00	7.32	
P	235 +18.4	29	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	235 +24.5	30	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	235 +30.6	31	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	235 +36.7	32	Left	18.29	7.32	0.00	0.00	0.00	0.00	7.32	
P	235 +42.8	33	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	235 +48.9	34	Left	18.29	7.32	0.00	0.00	0.00	0.00	3.66	
P	235 +55.0	35	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	235 +61.1	36	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	235 +67.2	37	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	235 +73.3	38	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	235 +79.4	39	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	235 +85.5	40	Left	18.29	7.32	0.00	0.00	0.00	0.00	7.32	
P	235 +91.6	41	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	235 +97.7	42	Left	18.29	7.32	0.37	0.00	0.00	0.00	0.00	
P	236 +03.8	43	Left	18.29	7.32	0.74	15.61	0.00	0.00	0.00	
P	236 +09.9	44	Left	18.29	7.32	0.00	0.00	0.00	0.00	0.00	
P	236 +16.0	-	Left	14.63	14.63	0.00	0.00	0.00	3.66	9.14	WALKER AVE RET.
P	236 +22.0	-	Left	14.63	14.63	0.00	0.00	0.00	6.10	15.85	WALKER AVE RET.
P	236 +22.0	45	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	236 +28.1	46	Left	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	236 +34.2	47	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	236 +40.3	48	Left	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	236 +46.4	49	Left	24.38	10.97	0.00	0.00	0.00	3.05	0.00	
P	236 +52.5	50	Left	24.38	10.97	0.09	0.00	0.00	3.05	0.00	
P	236 +58.6	51	Left	30.48	10.97	1.39	0.00	0.00	0.00	0.00	
P	236 +64.7	52	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	236 +70.8	53	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	236 +76.9	54	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	236 +83.0	55	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	236 +89.1	56	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	236 +95.2	57	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	237 +01.3	58	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	237 +07.4	59	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	237 +13.5	60	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	237 +19.6	61	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	237 +25.7	62	Left	24.38	10.97	1.67	0.00	0.00	0.00	0.00	
P	237 +31.8	63	Left	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	237 +37.9	64	Left	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	237 +44.0	65	Left	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	237 +50.1	66	Left	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	237 +56.2	67	Left	24.38	10.97	1.49	0.00	0.00	0.00	0.00	
P	237 +62.3	68	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	237 +68.4	69	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	237 +74.4	70	Left	24.38	10.97	1.11	0.00	0.00	0.00	0.00	
P	237 +80.5	71	Left	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	237 +86.6	72	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	237 +92.7	73	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	237 +98.8	74	Left	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	238 +04.9	75	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	238 +11.0	76	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	238 +17.1	77	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	238 +23.2	78	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	238 +29.3	79	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	238 +35.4	80	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	238 +41.5	81	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	238 +47.6	82	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	238 +53.7	83	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	238 +59.8	84	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	238 +65.9	85	Left	24.38	10.97	0.74	0.00	0.00	3.05	0.00	
P	238 +72.0	86	Left	24.38	12.80	0.37	0.00	0.00	3.66	0.00	
P	238 +78.1	87	Left	24.38	10.97	1.11	0.00	0.00	0.00	0.00	
P	238 +84.2	88	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	238 +90.3	89	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	238 +96.4	90	Left	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	239 +02.5	91	Left	24.38	10.97	1.49	0.00	0.00	6.10	1.83	
P	239 +08.6	92	Left	24.38	10.97	0.46	0.00	0.00	7.32	3.66	
P	239 +14.7	93	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	239 +20.8	94	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	239 +26.8	95	Left	24.38	10.97	0.00	0.00	0.00	3.05	1.52	
P	239 +32.9	96	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	239 +39.0	97	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	239 +45.1	98	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	239 +51.2	99	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	239 +57.3	100	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	239 +63.4	101	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	239 +69.5	102	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	239 +75.6	103	Left	24.38	10.97	0.00	0.00	0.00	0.00	7.32	
P	239 +81.7	104	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	239 +87.8	105	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	239 +93.9	106	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	240 +00.0	107	Left	24.38	10.97	0.00	0.00	0.00	0.00	7.32	
P	240 +06.1	108	Left	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
	TOTAL		P								
			P								

FOR TOTALS, SEE SHEET 32 .

DIMENSIONS APPROXIMATE. A FIELD SURVEY OF THE SLAB LAYOUT WAS NOT DONE.
SLAB CONDITION AS OF DECEMBER 1995.

Talbot, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF CONCRETE PAVEMENT REPAIRS

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	26

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

Data Input Ready for Checking — DATE

Q.C. RED Corrected/Yellow Changed/Red — DATE

Submitted, Ready for Check to Correct for Existing Conditions — DATE

Q.C. Back Checked (Green Check or Circle & Remark Incorrect) — DATE

SUMMARY OF CONCRETE PAVEMENT REPAIRS

QTY	LOCATION APPROX. SLAB START STATION	SLAB GROUP NUMBER	SIDE	JOINTS (W1) LONGITUDINAL	JOINTS (W1) TRANSVERSE	SPALLS (W2)	SLAB REPLACEMENT (W2) PARTIAL	SLAB REPLACEMENT (W2) FULL	CLEAN AND SEAL RANDOM CRACKS (W) LONGITUDINAL	CLEAN AND SEAL RANDOM CRACKS (W) TRANSVERSE	COMMENTS
P	240 +12.2	109	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	240 +18.3	110	Left	24.38	10.97	0.00	0.00	0.00	0.00	5.49	
P	240 +24.4	111	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	240 +30.5	112	Left	24.38	10.97	0.37	0.00	0.00	0.00	7.32	
P	240 +36.6	113	Left	24.38	10.97	0.00	0.00	0.00	0.00	7.32	
P	240 +42.7	114	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	240 +48.8	115	Left	24.38	10.97	1.39	0.00	0.00	0.00	0.00	
P	240 +54.9	116	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	240 +61.0	117	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	240 +67.1	118	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	240 +73.2	119	Left	24.38	10.97	1.49	0.00	0.00	0.00	0.00	
P	240 +79.2	120	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	240 +85.3	121	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	240 +91.4	122	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	240 +97.5	123	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	241 +03.6	124	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	241 +09.7	125	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	241 +15.8	126	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	241 +21.9	127	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	241 +28.0	128	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	241 +34.1	129	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	241 +40.2	130	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	241 +46.3	131	Left	28.04	14.63	0.00	0.00	0.00	0.00	3.05	
P	241 +53.9	132	Left	28.04	14.63	0.46	0.00	0.00	0.00	0.00	
P	241 +61.5	133	Left	28.04	14.63	1.67	0.00	0.00	0.00	0.00	
P	241 +69.2	134	Left	28.04	14.63	1.39	0.00	0.00	0.00	0.00	
P	241 +76.8	135	Left	28.04	14.63	0.00	0.00	0.00	0.00	3.66	
P	241 +82.9	136	Left	28.04	14.63	0.00	0.00	0.00	0.00	0.00	
P	241 +89.0	137	Left	28.04	14.63	0.00	0.00	0.00	0.00	0.00	
P	241 +95.1	138	Left	28.04	14.63	0.00	0.00	0.00	0.00	0.00	
P	242 +01.2	139	Left	28.04	14.63	0.00	0.00	0.00	0.00	0.00	
P	242 +07.3	140	Left	28.04	14.63	0.00	0.00	0.00	0.00	0.00	
P	242 +13.4	141	Left	28.04	14.63	0.00	0.00	0.00	0.00	3.66	
P	242 +19.5	142	Left	28.04	14.63	0.00	0.00	0.00	0.00	3.66	
P	242 +25.6	143	Left	28.04	14.63	0.00	13.38	0.00	0.00	0.00	
P	242 +31.6	144	Left	24.38	10.97	2.23	0.00	0.00	0.00	0.00	
P	242 +37.7	145	Left	24.38	10.97	2.79	0.00	0.00	0.00	0.00	
P	242 +43.8	146	Left	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	242 +49.9	147	Left	24.38	10.97	1.39	0.00	0.00	0.00	0.00	
P	242 +56.0	148	Left	24.38	10.97	2.60	0.00	0.00	0.00	0.00	
P	242 +62.1	149	Left	24.38	10.97	2.60	0.00	0.00	0.00	0.00	
P	242 +68.2	150	Left	24.38	10.97	2.32	0.00	0.00	0.00	0.00	
P	242 +74.3	151	Left	24.38	10.97	1.11	0.00	0.00	0.00	0.00	
P	242 +80.4	152	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	242 +86.5	153	Left	24.38	10.97	1.67	0.00	0.00	0.00	0.00	
P	242 +92.6	154	Left	24.38	10.97	0.74	0.00	0.00	0.00	3.05	
P	242 +98.7	155	Left	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	243 +04.8	156	Left	24.38	10.97	2.97	0.00	0.00	0.00	0.00	
P	243 +10.9	157	Left	24.38	10.97	2.97	0.00	0.00	0.00	0.00	
P	243 +17.0	158	Left	24.38	10.97	2.42	0.00	0.00	0.00	0.00	
P	243 +23.1	159	Left	24.38	10.97	0.56	0.00	0.00	0.00	3.66	
P	243 +29.2	160	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	243 +35.3	161	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	243 +41.4	162	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	243 +47.5	163	Left	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	243 +53.6	164	Left	24.38	10.97	0.00	4.83	22.30	0.00	0.00	
P	243 +59.7	165	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	243 +65.8	166	Left	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	243 +71.9	167	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	243 +78.0	168	Left	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	243 +84.0	169	Left	24.38	10.97	1.86	0.00	0.00	0.00	0.00	
P	243 +90.1	170	Left	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	243 +96.2	171	Left	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	244 +02.3	172	Left	24.38	10.97	1.67	0.00	0.00	1.22	0.00	
P	244 +08.4	173	Left	24.38	10.97	0.74	0.00	0.00	0.00	4.57	
P	244 +14.5	174	Left	24.38	10.97	1.11	0.00	0.00	0.00	0.00	
P	244 +20.6	175	Left	24.38	10.97	0.19	6.69	0.00	0.00	0.00	
P	244 +26.7	176	Left	24.38	10.97	1.49	0.00	0.00	0.00	0.00	
P	244 +32.8	177	Left	24.38	10.97	2.97	0.00	0.00	0.00	0.00	
P	244 +38.9	178	Left	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	244 +46.5	179	Left	24.38	10.97	1.49	0.00	0.00	0.00	0.00	
P	244 +54.2	180	Left	30.48	14.63	0.93	0.00	0.00	0.00	3.05	
P	244 +60.2	181	Left	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	244 +66.3	182	Left	24.38	10.97	1.86	0.00	0.00	0.00	9.14	
P	244 +72.4	183	Left	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	244 +80.1	184	Left	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	244 +86.2	185	Left	24.38	10.97	3.90	0.00	0.00	0.00	7.32	
P	244 +92.3	186	Left	24.38	10.97	1.67	0.00	0.00	0.00	0.00	
P	244 +98.3	187	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	245 +06.0	188	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	245 +12.1	189	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	245 +18.2	190	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	245 +24.3	191	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	245 +30.4	192	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	245 +36.4	193	Left	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	245 +43.2	194	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	245 +49.9	195	Left	24.38	10.97	0.00	0.00	0.00	0.00	10.97	
P	245 +56.6	196	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	245 +63.3	197	Left	24.38	10.97	2.42	0.00	0.00	0.00	6.10	
P	245 +70.0	198	Left	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	245 +76.7	199	Left	30.48	14.63	0.37	18.58	0.00	1.83	3.66	
P	245 +83.4	200	Left	30.48	14.63	0.74	0.00	0.00	0.00	0.00	
P	245 +90.1	201	Left	30.48	14.63	0.46	0.00	0.00	0.00	0.00	
P	245 +96.8	202	Left	30.48	14.63	0.00	0.00	0.00	0.00	3.05	
P	246 +03.5	203	Left	30.48	14.63	0.37	0.00	0.00	0.00	0.00	
P	246 +10.2	204	Left	30.48	14.63	0.46	0.00	0.00	0.00	0.00	
P	246 +16.9	205	Left	30.48	14.63	0.37	0.00	0.00	0.00	3.66	
P	246 +23.6	206	Left	30.48	14.63	0.00	0.00	0.00	0.00	0.00	
P	246 +29.7	207	Left	30.48	14.63	0.46	0.00	0.00	0.00	0.00	
P	246 +36.4	208	Left	30.48	14.63	0.37	0.00	0.00	0.00	0.00	
P	246 +43.1	209	Left	30.48	14.63	0.00	22.30	0.00	0.00	3.66	
P	246 +49.8	210	Left	30.48	14.63	1.11	0.00	0.00	0.00	0.00	
P	246 +56.5	211	Left	30.48	14.63	1.11	0.00	0.00	0.00	0.00	
P	246 +63.2	212	Left	30.48	14.63	1.11	0.00	0.00	3.66	1.83	
P	246 +70.0	213	Left	30.48	14.63	0.93	0.00	0.00	0.00	0.00	
P	246 +76.7	214	Left	30.48	14.63	0.46	0.00	0.00	0.00	0.00	
P	246 +88.8	215	Left	30.48	14.63	0.46	0.00	0.00	0.00	0.00	
P	246 +94.9	216	Left	30.48	14.63	0.19	0.00	0.00	0.00	0.00	
P	247 +01.0	217	Left	30.48	14.63	0.00	0.00	0.00	0.00	0.00	
P	247 +07.1	218	Left	30.48	14.63	0.00	0.00	0.00	0.00	0.00	
	TOTAL		P								
			P								

FOR TOTALS, SEE SHEET 32 .

DIMENSIONS APPROXIMATE. A FIELD SURVEY OF THE SLAB LAYOUT WAS NOT DONE.
SLAB CONDITION AS OF DECEMBER 1995.

Toffler, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF CONCRETE PAVEMENT REPAIRS

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	27

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

(1) Originator (Prepared for Checking) DATE

(2) Checker (Corrections Marked/Changes Made) DATE

(3) Originator (Corrections Incorporated) DATE

(4) Back Checker (Given Check or Circle & Remark Incorrect) DATE

SUMMARY OF CONCRETE PAVEMENT REPAIRS

QTY	LOCATION APPROX. SLAB START STATION	SLAB GROUP NUMBER	SIDE	JOINTS (LF) LONGITUDINAL	JOINTS (LF) TRANSVERSE	SPALLS (M2)	SLAB REPLACEMENT (M2) PARTIAL	SLAB REPLACEMENT (M2) FULL	CLEAN AND SEAL RANDOM CRACKS (LF) LONGITUDINAL	CLEAN AND SEAL RANDOM CRACKS (LF) TRANSVERSE	COMMENTS
P	247 +13.2	219	Left	30.48	13.72	0.19	0.00	0.00	0.00	0.00	
P	247 +19.3	220	Left	30.48	12.80	0.00	0.00	0.00	0.00	0.00	
P	247 +25.4	221	Left	30.48	12.80	0.46	0.00	0.00	0.00	0.00	
P	247 +31.5	222	Left	30.48	12.80	0.19	0.00	0.00	0.00	0.00	
P	247 +37.6	223	Left	30.48	12.19	4.65	0.00	0.00	0.00	7.32	
P	247 +43.7	224	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	247 +49.8	225	Left	24.38	10.97	0.46	6.69	0.00	0.00	0.00	
P	247 +55.9	226	Left	24.38	10.97	1.67	0.00	0.00	0.00	0.00	
P	247 +62.0	227	Left	24.38	10.97	1.49	0.00	0.00	0.00	13.41	
P	247 +68.1	228	Left	24.38	10.97	1.67	0.00	0.00	0.00	0.00	
P	247 +74.2	229	Left	24.38	10.97	1.86	0.00	0.00	0.00	0.00	
P	247 +80.3	230	Left	24.38	10.97	1.49	0.00	0.00	0.00	0.00	
P	247 +86.4	231	Left	24.38	10.97	1.30	0.00	0.00	0.00	0.00	
P	247 +92.5	232	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	247 +98.6	233	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	248 +04.7	234	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	248 +10.8	235	Left	24.38	10.97	0.00	0.00	0.00	0.00	2.44	
P	248 +16.9	236	Left	24.38	10.97	0.19	0.00	0.00	0.00	3.05	
P	248 +23.0	237	Left	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	248 +29.1	238	Left	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	248 +35.2	239	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	248 +41.2	240	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	248 +47.7	241	Left	24.38	10.97	1.49	0.00	0.00	0.00	2.44	
P	248 +54.2	242	Left	24.38	10.97	0.74	0.00	0.00	0.00	3.05	
P	248 +60.7	243	Left	24.38	10.97	1.11	0.00	0.00	0.00	3.66	
P	248 +67.2	244	Left	24.38	10.97	0.00	0.00	0.00	0.00	3.66	
P	248 +73.7	245	Left	24.38	10.97	0.56	0.00	0.00	8.53	3.05	
P	248 +80.2	246	Left	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	248 +86.7	247	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	248 +93.2	248	Left	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	248 +99.7	249	Left	24.38	10.97	0.28	0.00	0.00	5.49	3.96	
P	249 +06.2	250	Left	24.38	10.97	0.00	0.00	0.00	12.19	3.66	
P	249 +12.7	251	Left	24.38	10.97	0.46	0.00	0.00	2.44	2.44	
P	249 +19.2	252	Left	24.38	10.97	0.74	0.00	0.00	6.10	3.05	
P	249 +25.6	253	Left	24.38	10.97	0.00	0.00	0.00	6.10	4.27	
P	249 +32.1	254	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	249 +38.6	255	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	249 +45.1	256	Left	24.38	10.97	0.00	0.00	0.00	0.00	12.19	
P	249 +51.6	257	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	249 +58.1	258	Left	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	249 +64.6	259	Left	24.38	10.97	0.37	0.00	0.00	0.00	5.49	
P	249 +71.1	260	Left	24.38	10.97	0.00	0.00	0.00	6.10	0.00	
P	249 +77.6	261	Left	24.38	10.97	1.86	0.00	0.00	0.00	10.67	
P	249 +84.1	262	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	249 +90.6	263	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	249 +97.1	264	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	250 +03.6	265	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	250 +10.0	266	Left	24.38	10.97	0.65	0.00	0.00	0.00	0.00	
P	250 +16.5	267	Left	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	250 +23.0	268	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	250 +29.5	269	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	250 +36.0	270	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	250 +42.5	271	Left	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	250 +49.0	272	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	250 +55.5	273	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	250 +62.0	274	Left	24.38	10.97	1.86	0.00	0.00	0.00	0.00	
P	250 +68.5	275	Left	24.38	10.97	0.28	0.00	0.00	0.00	3.66	
P	250 +75.0	276	Left	24.38	10.97	1.39	0.00	22.30	3.66	6.10	
P	250 +81.5	277	Left	24.38	10.97	0.19	0.00	0.00	3.66	0.00	
P	250 +88.0	278	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	250 +94.4	279	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	251 +00.9	280	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	251 +07.4	281	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	251 +13.9	282	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	251 +20.4	283	Left	24.38	10.97	0.28	0.00	0.00	3.05	5.49	
P	251 +26.9	284	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	251 +33.4	285	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	251 +39.9	286	Left	24.38	10.97	0.00	0.00	0.00	0.00	1.52	
P	251 +46.1	287	Left	24.38	10.97	0.09	0.00	0.00	0.00	9.75	
P	251 +51.9	288	Left	24.38	10.97	0.00	0.00	0.00	0.91	5.49	
P	251 +57.8	289	Left	24.38	10.97	0.37	0.00	0.00	2.44	0.00	
P	251 +63.6	290	Left	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	251 +69.5	291	Left	24.38	10.97	2.23	0.00	0.00	0.00	9.75	
P	251 +75.4	292	Left	24.38	10.97	1.11	0.00	0.00	0.00	0.00	
P	251 +81.2	293	Left	24.38	10.97	0.93	0.00	0.00	0.00	3.66	
P	251 +87.1	294	Left	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	251 +92.9	295	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	251 +98.8	296	Left	24.38	10.97	0.19	0.00	0.00	0.00	3.66	
P	252 +04.7	297	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	252 +10.5	298	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	252 +16.4	299	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	252 +22.2	300	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	252 +28.1	301	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	252 +34.0	302	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	252 +39.8	303	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	252 +45.7	304	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	252 +51.6	305	Left	24.38	10.97	0.74	0.00	0.00	0.00	0.91	
P	252 +57.4	306	Left	24.38	10.97	1.11	0.00	0.00	0.00	12.19	
P	252 +63.3	307	Left	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	252 +69.1	308	Left	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	252 +75.0	309	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	252 +80.9	310	Left	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	252 +86.7	311	Left	24.38	10.97	0.56	3.62	0.00	0.00	3.66	
P	252 +98.5	312	Left	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	253 +04.5	313	Left	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	253 +10.6	314	Left	24.38	10.97	0.00	3.62	0.00	0.00	0.00	
P	253 +16.7	315	Left	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	253 +22.8	316	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	253 +28.9	317	Left	24.38	10.97	0.00	3.62	0.00	0.00	0.00	
P	253 +35.0	318	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	253 +41.1	319	Left	24.38	10.97	0.19	3.62	0.00	0.00	0.00	
P	253 +47.2	320	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	253 +53.3	321	Left	24.38	10.97	0.00	3.62	0.00	0.00	0.00	
P	253 +59.4	322	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	253 +65.5	323	Left	24.38	10.97	0.28	0.00	0.00	0.00	1.83	
P	253 +71.6	324	Left	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	253 +77.7	325	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	253 +83.8	326	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	253 +89.9	327	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	253 +96.0	328	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
	TOTAL		P								
			P								

FOR TOTALS, SEE SHEET 32 .

DIMENSIONS APPROXIMATE. A FIELD SURVEY OF THE SLAB LAYOUT WAS NOT DONE.
SLAB CONDITION AS OF DECEMBER 1995.

Taliaferro, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF CONCRETE PAVEMENT REPAIRS

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	28

*QUALITY CONTROL/QUALITY ASSURANCE REVIEW
ORIGINATOR (Certified for Check-In) DATE
C.I.: ED Corrective Item/Change Pad DATE
CHECK-IN (Initial Incorporation Items Right/Wrong) DATE
C.I.: Back CHECKER (Green Check or Circle & Remark Incorrect) DATE

SUMMARY OF CONCRETE PAVEMENT REPAIRS

QTY	LOCATION APPROX. SLAB START STATION	SLAB GROUP NUMBER	SIDE	JOINTS (M)		SPALLS (M2)	SLAB REPLACEMENT (M2)		CLEAN AND SEAL RANDOM CRACKS (M)		COMMENTS
				LONGITUDINAL	TRANSVERSE		PARTIAL	FULL	LONGITUDINAL	TRANSVERSE	
P	254 +02.1	329	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	254 +08.2	330	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	254 +14.3	331	Left	24.38	10.97	0.00	3.62	0.00	0.00	0.00	
P	254 +20.4	332	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	254 +26.5	333	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	254 +32.6	334	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	254 +38.7	335	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	254 +44.8	336	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	254 +50.9	337	Left	24.38	10.97	0.00	72.00	0.00	0.00	0.00	
P	254 +56.9	338	Left	24.38	10.97	2.79	0.00	0.00	0.00	0.00	
P	254 +63.0	339	Left	24.38	10.97	0.56	0.00	0.00	2.44	7.32	
P	254 +69.1	340	Left	9.14	10.97	0.00	0.00	0.00	3.05	0.00	
P	254 +75.2	341	Left	9.14	10.97	0.00	0.00	0.00	6.10	0.00	
P	254 +81.3	342	Left	24.38	10.97	0.00	0.00	22.30	0.00	0.00	
P	254 +87.4	343	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	254 +93.5	344	Left	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	254 +99.6	345	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	255 +05.7	346	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	255 +11.8	347	Left	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	255 +17.9	348	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	255 +24.0	349	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	255 +30.1	350	Left	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	255 +36.2	351	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	255 +42.3	352	Left	24.38	10.97	0.19	3.62	0.00	0.00	0.00	
P	255 +48.4	353	Left	24.38	10.97	0.00	3.62	0.00	0.00	0.00	
P	255 +54.5	354	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	255 +60.6	355	Left	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	255 +66.7	356	Left	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	255 +72.8	357	Left	24.38	10.97	0.93	6.69	0.00	9.14	4.27	
P	255 +78.9	358	Left	24.38	10.97	0.00	0.00	44.59	0.00	0.00	
P	255 +85.0	359	Left	24.38	10.97	1.39	0.00	0.00	0.00	1.98	
P	255 +91.1	360	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	255 +97.2	361	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	256 +03.3	362	Left	24.38	10.97	0.00	24.06	0.00	0.00	0.00	
P	256 +09.3	363	Left	24.38	10.97	0.00	6.04	0.00	0.00	0.00	
P	256 +15.4	364	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	256 +21.5	365	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	256 +27.6	366	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	256 +33.7	367	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	256 +39.8	368	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	256 +45.9	369	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	256 +52.0	370	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	256 +58.1	371	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	256 +64.2	372	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	256 +70.3	373	Left	24.38	10.97	0.37	0.00	0.00	6.10	4.57	
P	256 +76.4	374	Left	24.38	10.97	0.37	0.00	0.00	3.66	3.66	
P	256 +82.5	375	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	256 +88.6	376	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	256 +94.7	377	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	257 +00.8	378	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	257 +06.9	379	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	257 +13.0	380	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	257 +19.1	381	Left	24.38	10.97	0.00	4.83	0.00	0.00	0.00	
P	257 +25.2	382	Left	24.38	10.97	0.00	0.00	34.37	0.00	0.00	
P	257 +31.3	383	Left	24.38	10.97	0.00	0.00	22.30	0.00	2.44	
P	257 +37.4	384	Left	24.38	10.97	0.00	0.00	34.37	0.00	0.00	
P	257 +43.5	385	Left	24.38	10.97	0.00	0.00	34.37	0.00	0.00	
P	257 +49.6	386	Left	24.38	10.97	0.00	0.00	34.37	0.00	0.00	
P	257 +55.7	387	Left	24.38	10.97	0.93	3.62	0.00	0.00	0.00	
P	257 +61.7	388	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	257 +67.8	389	Left	24.38	10.97	0.00	0.00	0.00	0.00	4.57	
P	257 +73.9	390	Left	24.38	10.97	0.00	0.00	0.00	7.62	12.19	
P	257 +80.0	391	Left	24.38	10.97	0.19	0.00	0.00	0.00	6.71	
P	257 +86.1	392	Left	24.38	10.97	0.00	3.62	0.00	0.00	0.00	
P	257 +92.2	393	Left	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	257 +98.3	394	Left	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	258 +04.4	395	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	258 +10.5	396	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	258 +16.6	397	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	258 +22.7	398	Left	24.38	10.97	0.00	0.00	0.00	0.00	3.66	
P	258 +28.8	399	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	258 +34.9	400	Left	24.38	10.97	0.28	0.00	0.00	0.00	3.66	
P	258 +41.0	401	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	258 +47.1	402	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	258 +53.2	403	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	258 +59.3	404	Left	24.38	10.97	0.19	0.00	0.00	0.00	1.83	
P	258 +65.4	405	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	258 +71.5	406	Left	24.38	10.97	0.00	0.00	0.00	0.00	6.10	
P	258 +77.6	407	Left	24.38	10.97	0.00	0.00	0.00	3.66	3.66	
P	258 +83.7	408	Left	24.38	10.97	0.00	0.00	0.00	0.00	1.52	
P	258 +89.8	409	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	258 +95.9	410	Left	24.38	10.97	0.00	0.00	0.00	0.00	12.19	
P	259 +08.1	411	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	259 +14.1	412	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	259 +20.2	413	Left	24.38	10.97	1.39	0.00	0.00	0.00	0.00	
P	259 +26.3	414	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	259 +32.4	415	Left	24.38	10.97	0.28	0.00	0.00	0.00	3.96	
P	259 +38.5	416	Left	24.38	10.97	0.00	0.00	0.00	0.00	3.66	
P	259 +44.6	417	Left	24.38	10.97	0.00	0.00	0.00	0.00	3.66	
P	259 +50.7	418	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	259 +56.8	419	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	259 +62.9	420	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	259 +69.0	421	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	259 +75.1	422	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	259 +81.2	423	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	259 +87.3	424	Left	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	259 +93.4	425	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	259 +99.5	426	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	260 +05.6	427	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	260 +11.7	428	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	260 +17.8	429	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	260 +23.9	430	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	260 +30.0	431	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	260 +36.1	432	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	260 +42.2	433	Left	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	260 +48.3	434	Left	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	260 +54.4	435	Left	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	260 +60.5	436	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	260 +66.9	437	Left	24.38	10.97	0.19	6.69	0.00	0.00	0.00	
P	260 +73.3	438	Left	24.38	10.97	0.00	0.00	0.00	1.22	0.00	
	TOTAL		P								
			P								

FOR TOTALS, SEE SHEET 32 .

DIMENSIONS APPROXIMATE. A FIELD SURVEY OF THE SLAB LAYOUT WAS NOT DONE.
SLAB CONDITION AS OF DECEMBER 1995.

Tillotson, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF CONCRETE PAVEMENT REPAIRS

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	29

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

Original Computation - Initial Straightforward — DATE

D.E. Corrections Incorporated/Changes Red — DATE

D.E. Back Checker (Check of Circle & Remark Incorrect) — DATE

SUMMARY OF CONCRETE PAVEMENT REPAIRS

QTY	LOCATION APPROX. SLAB START STATION	SLAB GROUP NUMBER	SIDE	JOINTS (M)		SPALLS (M2)	SLAB REPLACEMENT (M2)		CLEAN AND SEAL RANDOM CRACKS (M)		COMMENTS
				LONGITUDINAL	TRANSVERSE		PARTIAL	FULL	LONGITUDINAL	TRANSVERSE	
P	260 +79.7	439	Left	24.38	10.97	0.00	0.00	0.00	1.22	0.00	
P	260 +86.1	440	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	260 +92.5	441	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	260 +98.9	442	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	261 +05.3	443	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	261 +11.7	444	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	261 +18.1	445	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	261 +24.5	446	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	261 +30.9	447	Left	24.38	10.97	0.28	0.00	0.00	0.00	1.22	
P	261 +37.3	448	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	261 +42.7	449	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	261 +49.1	450	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	261 +55.6	451	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	261 +62.0	452	Left	24.38	10.97	0.00	0.00	0.00	0.00	6.10	
P	261 +68.4	453	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	261 +74.8	454	Left	24.38	10.97	3.25	0.00	0.00	2.44	0.00	
P	261 +81.2	455	Left	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	261 +87.6	456	Left	24.38	10.97	0.00	0.00	0.00	0.00	10.97	
P	261 +94.0	457	Left	24.38	10.97	1.86	0.00	0.00	0.00	0.00	
P	262 +00.4	458	Left	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	262 +06.8	459	Left	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	262 +12.9	460	Left	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	262 +19.2	461	Left	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	262 +25.6	462	Left	24.38	10.97	0.00	12.12	0.00	0.00	0.00	
P	262 +31.9	463	Left	24.38	10.97	0.46	0.00	12.08	0.00	0.00	
P	262 +38.3	464	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	262 +44.6	465	Left	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	262 +51.0	466	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	262 +57.3	467	Left	24.38	10.97	1.39	0.00	0.00	0.00	0.91	
P	262 +63.7	468	Left	24.38	10.97	0.28	0.00	0.00	0.00	3.66	
P	262 +70.0	469	Left	24.38	10.97	0.00	0.00	0.00	0.00	3.66	
P	262 +76.4	470	Left	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	262 +82.7	471	Left	24.38	10.97	0.46	0.00	0.00	0.00	2.13	
P	262 +89.1	472	Left	24.38	10.97	0.00	0.00	0.00	0.00	2.13	
P	262 +95.4	473	Left	24.38	10.97	0.00	0.00	0.00	0.00	2.13	
P	263 +01.8	474	Left	24.38	10.97	0.00	0.00	0.00	0.00	2.13	
P	263 +08.1	475	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	263 +14.5	476	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	263 +20.8	477	Left	24.38	10.97	0.19	0.00	0.00	0.00	6.10	
P	263 +27.2	478	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	263 +33.5	479	Left	24.38	10.97	0.93	0.00	0.00	0.00	2.13	
P	263 +39.9	480	Left	24.38	10.97	0.37	0.00	0.00	0.00	2.13	
P	263 +46.2	481	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	263 +52.6	482	Left	24.38	10.97	1.86	0.00	0.00	3.66	3.05	
P	263 +58.9	483	Left	24.38	10.97	0.00	0.00	0.00	0.00	2.13	
P	263 +65.3	484	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	263 +71.7	485	Left	24.38	10.97	0.00	6.69	0.00	0.00	7.62	
P	263 +78.1	486	Left	24.38	10.97	0.19	0.00	0.00	0.00	3.66	
P	263 +84.5	487	Left	24.38	10.97	0.65	0.00	0.00	0.00	0.00	
P	263 +90.9	488	Left	24.38	10.97	0.19	0.00	0.00	0.00	2.13	
P	263 +97.3	489	Left	24.38	10.97	1.39	0.00	0.00	0.00	0.00	
P	264 +03.7	490	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	264 +10.1	491	Left	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	264 +16.5	492	Left	24.38	10.97	0.00	26.11	0.00	0.00	0.00	
P	264 +22.9	493	Left	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	264 +29.3	494	Left	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	264 +35.7	495	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	264 +42.1	496	Left	24.38	10.97	0.37	0.00	0.00	3.66	0.00	
P	264 +48.5	497	Left	24.38	10.97	1.67	0.00	0.00	0.00	0.00	
P	264 +54.9	498	Left	24.38	10.97	0.46	0.00	0.00	0.00	3.96	
P	264 +61.3	499	Left	24.38	10.97	0.00	0.00	0.00	0.00	1.98	
P	264 +67.7	500	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	264 +74.1	501	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	264 +80.5	502	Left	24.38	10.97	0.56	0.00	0.00	0.00	1.98	
P	264 +86.9	503	Left	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	264 +93.3	504	Left	24.38	10.97	0.19	0.00	0.00	0.61	10.97	
P	264 +99.7	505	Left	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	265 +06.1	506	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	265 +17.7	507	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	265 +19.2	508	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	265 +25.4	509	Left	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	265 +31.7	510	Left	24.38	10.97	0.09	0.00	0.00	0.00	4.88	
P	265 +37.9	511	Left	24.38	10.97	1.39	0.00	0.00	3.66	3.66	
P	265 +44.2	512	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	265 +50.4	513	Left	24.38	10.97	1.49	0.00	0.00	0.00	0.00	
P	265 +56.7	514	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	265 +62.9	515	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	265 +69.2	516	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	265 +75.4	517	Left	24.38	10.97	0.00	0.00	0.00	0.00	1.83	
P	265 +81.7	518	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	265 +87.9	519	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	265 +94.2	520	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	266 +00.4	521	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	266 +06.7	522	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	266 +12.9	523	Left	24.38	10.97	0.09	0.00	0.00	0.00	9.14	
P	266 +19.2	524	Left	24.38	10.97	0.00	0.00	0.00	0.00	6.10	
P	266 +25.4	525	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	266 +31.6	526	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	266 +37.9	527	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	266 +44.1	528	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	266 +50.4	529	Left	24.38	10.97	0.00	0.00	0.00	0.00	9.14	
P	266 +56.6	530	Left	24.38	10.97	0.56	0.00	0.00	0.00	12.80	
P	266 +62.9	531	Left	24.38	10.97	0.09	0.00	0.00	0.00	9.14	
P	266 +69.1	532	Left	24.38	10.97	0.28	0.00	0.00	0.00	3.66	
P	266 +75.4	533	Left	24.38	10.97	1.39	0.00	0.00	0.00	0.00	
P	266 +81.6	534	Left	24.38	10.97	0.74	3.62	0.00	6.10	2.44	
P	266 +87.9	535	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	266 +94.1	536	Left	24.38	10.97	0.00	0.00	0.00	1.52	10.36	
P	267 +00.4	537	Left	24.38	10.97	0.19	0.00	0.00	0.00	1.83	
P	267 +06.6	538	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	267 +12.9	539	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	267 +19.1	540	Left	24.38	10.97	0.00	0.00	0.00	2.44	0.00	
P	267 +25.4	541	Left	24.38	10.97	0.00	0.00	0.00	1.52	0.00	
P	267 +31.6	542	Left	24.38	10.97	0.00	0.00	0.00	6.10	0.00	
P	267 +37.9	543	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	267 +44.1	544	Left	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	267 +50.4	545	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	267 +56.6	546	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	267 +62.9	547	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	267 +69.1	548	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
	TOTAL		P								
			P								

FOR TOTALS, SEE SHEET 32 .

DIMENSIONS APPROXIMATE. A FIELD SURVEY OF THE SLAB LAYOUT WAS NOT DONE.
SLAB CONDITION AS OF DECEMBER 1995.

Talbot, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF CONCRETE PAVEMENT REPAIRS

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	30

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

CALCULATIONS CHECKED FOR ENGINEER DATE — FINAL INCORPORATION (Yellow Highlighted) DATE

DRAFT SED Corrections Incorporated DATE — FINAL BACK CHECKER (Person Check of Errors & Items Incorrect) DATE

SUMMARY OF CONCRETE PAVEMENT REPAIRS

QTY	LOCATION APPROX. SLAB START STATION	SLAB GROUP NUMBER	SIDE	JOINTS (M)		SPALLS (M2)	SLAB REPLACEMENT (M2)		CLEAN AND SEAL RANDOM CRACKS (M)		COMMENTS
				LONGITUDINAL	TRANSVERSE		PARTIAL	FULL	LONGITUDINAL	TRANSVERSE	
P	267 +75.4	549	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	267 +81.6	550	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	267 +87.9	551	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	267 +94.1	552	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	268 +00.4	553	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	268 +06.6	554	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	268 +12.9	555	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	268 +19.1	556	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	268 +25.3	557	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	268 +31.6	558	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	268 +37.8	559	Left	24.38	10.97	0.00	0.00	0.00	0.00	7.32	
P	268 +44.1	560	Left	24.38	10.97	0.19	0.00	0.00	0.00	1.83	
P	268 +50.3	561	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	268 +56.6	562	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	268 +62.8	563	Left	24.38	10.97	0.74	0.00	0.00	0.00	7.32	
P	268 +69.1	564	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	268 +75.3	565	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	268 +81.9	566	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	268 +88.1	567	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	268 +94.4	568	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	269 +00.6	569	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	269 +06.9	570	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	269 +13.1	571	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	269 +19.4	572	Left	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	269 +25.6	573	Left	24.38	10.97	0.00	0.00	0.00	0.00	3.66	
P	269 +31.9	574	Left	24.38	10.97	0.09	0.00	0.00	0.61	1.83	
P	269 +38.1	575	Left	24.38	10.97	0.00	0.00	0.00	0.00	3.66	
P	269 +45.0	576	Left	24.38	10.97	0.00	0.00	0.00	0.00	6.10	
P	269 +51.2	577	Left	24.38	10.97	0.00	0.00	0.00	0.00	7.32	
P	269 +57.5	578	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	269 +63.7	579	Left	24.38	10.97	0.37	0.00	0.00	0.00	8.53	
P	269 +70.0	580	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	269 +76.2	581	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	269 +82.5	582	Left	24.38	10.97	0.00	0.00	0.00	0.00	6.71	
P	269 +88.7	583	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	269 +95.0	584	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	270 +01.2	585	Left	24.38	10.97	0.56	0.00	0.00	0.00	4.88	
P	270 +07.5	586	Left	24.38	10.97	0.74	0.00	0.00	0.00	0.00	
P	270 +13.7	587	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	270 +20.0	588	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	270 +26.2	589	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	270 +32.5	590	Left	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	270 +38.7	591	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	270 +47.4	592	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	270 +54.1	593	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	270 +60.2	594	Left	24.38	10.97	0.37	0.00	0.00	6.10	0.00	
P	270 +66.3	595	Left	24.38	10.97	0.19	0.00	0.00	6.10	0.00	
P	270 +72.4	596	Left	24.38	10.97	0.56	0.00	0.00	6.10	0.00	
P	270 +78.5	597	Left	24.38	10.97	0.19	0.00	0.00	3.66	0.00	
P	270 +84.6	598	Left	24.38	10.97	0.37	0.00	0.00	8.53	0.00	
P	270 +90.7	599	Left	24.38	10.97	0.00	0.00	22.30	0.00	3.66	
P	270 +96.8	600	Left	24.38	10.97	0.28	0.00	0.00	4.88	0.00	
P	271 +02.9	601	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	271 +09.0	602	Left	24.38	10.97	0.28	0.00	0.00	5.49	0.00	
P	271 +15.1	603	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	271 +21.2	604	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	271 +27.3	605	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	271 +33.5	606	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	271 +39.8	607	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	271 +46.0	608	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	271 +52.2	609	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	271 +58.5	610	Left	24.38	10.97	0.00	17.84	0.00	0.00	7.32	
P	271 +64.7	611	Left	24.38	10.97	0.46	0.00	0.00	6.10	3.96	
P	271 +71.0	612	Left	24.38	10.97	0.00	0.00	0.00	6.10	3.66	
P	271 +77.2	613	Left	24.38	10.97	0.00	0.00	0.00	0.00	7.32	
P	271 +83.5	614	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	271 +89.7	615	Left	24.38	10.97	0.56	0.00	0.00	0.00	0.00	
P	271 +96.0	616	Left	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	272 +02.2	617	Left	24.38	10.97	0.46	0.00	0.00	0.00	0.00	
P	272 +08.5	618	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	272 +14.7	619	Left	24.38	10.97	0.00	0.00	44.59	0.00	0.00	
P	272 +21.0	620	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	272 +27.2	621	Left	24.38	10.97	0.19	0.00	0.00	0.00	3.66	
P	272 +33.5	622	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	272 +39.7	623	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	272 +46.0	624	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	272 +52.2	625	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	272 +58.5	626	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	272 +64.7	627	Left	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	272 +71.0	628	Left	24.38	10.97	0.00	0.00	0.00	0.00	7.32	
P	272 +77.2	629	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	272 +83.5	630	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	272 +89.7	631	Left	24.38	10.97	0.09	0.00	0.00	0.00	0.00	
P	272 +96.0	632	Left	24.38	10.97	0.00	0.00	0.00	3.66	0.00	
P	273 +02.2	633	Left	24.38	10.97	0.28	0.00	0.00	2.44	0.00	
P	273 +08.5	634	Left	24.38	10.97	0.93	0.00	0.00	0.00	0.00	
P	273 +14.7	635	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	273 +21.0	636	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	273 +27.2	637	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	273 +33.5	638	Left	24.38	10.97	0.28	0.00	0.00	6.10	0.00	
P	273 +39.7	639	Left	24.38	10.97	0.00	0.00	0.00	1.52	0.00	
P	273 +45.9	640	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	273 +52.2	641	Left	24.38	10.97	0.28	0.00	0.00	6.10	0.00	
P	273 +58.4	642	Left	24.38	10.97	0.28	0.00	0.00	6.10	0.00	
P	273 +64.7	643	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	273 +70.9	644	Left	24.38	10.97	0.19	0.00	0.00	0.00	0.00	
P	273 +77.2	645	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	273 +83.4	646	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	273 +89.7	647	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	273 +95.9	648	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	274 +02.2	649	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	274 +08.4	650	Left	24.38	10.97	1.11	0.00	0.00	0.00	7.32	
P	274 +14.7	651	Left	24.38	10.97	0.19	0.00	0.00	0.00	7.32	
P	274 +20.9	652	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	274 +27.2	653	Left	24.38	10.97	0.37	0.00	0.00	0.00	0.00	
P	274 +33.4	654	Left	24.38	10.97	2.32	0.00	0.00	0.00	7.32	
P	274 +39.7	655	Left	24.38	10.97	0.28	0.00	0.00	0.00	0.00	
P	274 +45.9	656	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	274 +52.2	657	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	274 +58.4	658	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
	TOTAL		P								
			P								

FOR TOTALS, SEE SHEET 32 .

DIMENSIONS APPROXIMATE. A FIELD SURVEY OF THE SLAB LAYOUT WAS NOT DONE.
SLAB CONDITION AS OF DECEMBER 1995.

Tallyn, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF CONCRETE PAVEMENT REPAIRS

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	31

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DESIGNER/PREPARER (Signature) — DATE

QC: All Corrections Incorporated/Read — DATE

QC: Incorporated Some Incorrect — DATE

QC: BACK CHECKER (Check All Check or Circle & Remark Incorrect) — DATE

SUMMARY OF CONCRETE PAVEMENT REPAIRS

QTY	LOCATION APPROX. SLAB START STATION	SLAB GROUP NUMBER	SIDE	JOINTS (M)		SPALLS (M2)	SLAB REPLACEMENT (M2)		CLEAN AND SEAL RANDOM CRACKS (M)		COMMENTS
				LONGITUDINAL	TRANSVERSE		PARTIAL	FULL	LONGITUDINAL	TRANSVERSE	
P	274 +65.6	659	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	274 +71.8	660	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	274 +78.1	661	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	274 +84.3	662	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	274 +90.6	663	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	274 +96.8	664	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275 +03.1	665	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275 +09.3	666	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275 +15.6	667	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275 +21.8	668	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275 +28.1	669	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275 +34.3	670	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275 +40.6	671	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275 +46.8	672	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275 +53.4	673	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275 +59.6	674	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275 +65.9	675	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275 +72.1	676	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275 +78.4	677	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275 +84.5	678	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275 +90.6	679	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	275 +96.6	680	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276 +02.7	681	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276 +08.8	682	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276 +14.9	683	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276 +21.0	684	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276 +27.1	685	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276 +33.2	686	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276 +39.3	687	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276 +45.4	688	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276 +51.5	689	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
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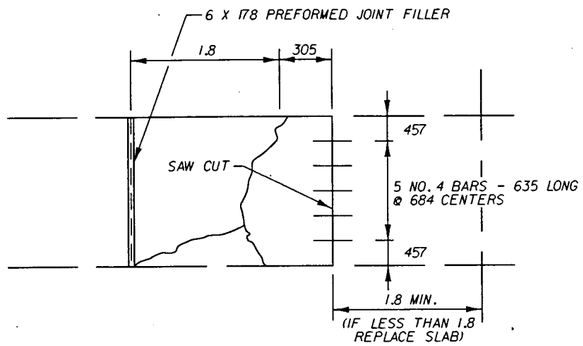
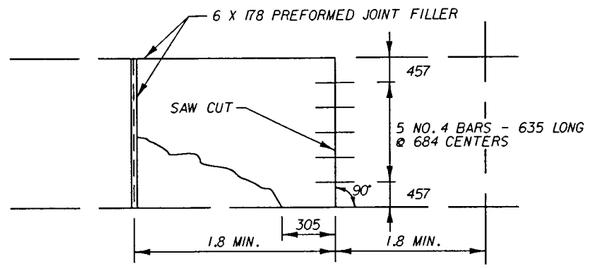
P	276 +63.7	691	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276 +69.8	692	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276 +75.9	693	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276 +82.0	694	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276 +88.1	695	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	276 +94.2	696	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	277 +00.3	697	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	277 +06.4	698	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	277 +12.5	699	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	277 +18.6	700	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	277 +24.7	701	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	277 +30.8	702	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P	277 +36.9	703	Left	24.38	10.97	0.00	0.00	0.00	0.00	0.00	
P											
P											
P									

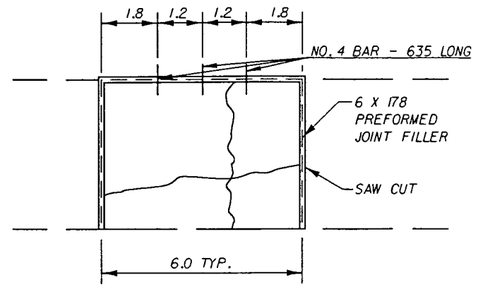
FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	33



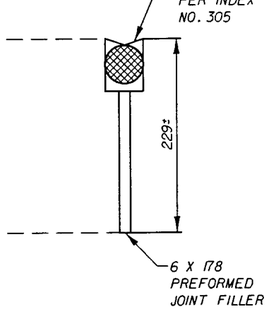
PARTIAL SLAB REPAIR



CORNER CRACK REPAIR



FULL SLAB REPLACEMENT



JOINT SEAL

REPAIR PROCEDURES - CORNER CRACK/PARTIAL SLAB REPAIR

1. SAW CUT THE EXISTING LONGITUDINAL JOINT (FULL DEPTH).
2. SAW CUT TRANSVERSE CUTS 305 MINIMUM BEYOND THE LIMITS OF THE CRACK OR 1.8 FROM THE JOINT. WHICHEVER IS GREATER.
3. MAKE ADDITIONAL CUTS AS NECESSARY TO REMOVE THE EXISTING SLAB IN A MANNER WHICH WILL NOT DAMAGE THE EXISTING ADJACENT SLABS.
4. REMOVE SLAB FULL DEPTH BY LIFT OUT METHOD.
5. REPAIR SLAB FOUNDATION.
6. DRILL AND EPOXY TIE BARS INTO EXISTING SLAB AS SHOWN AND PER INDEX NO. 305.
7. PLACE 6 x 178 PREFORMED JOINT FILLER PER DETAIL.
8. FILL SAW CUTS INTO ADJACENT SLAB WITH TYPE B EPOXY CEMENT.
9. PLACE CONCRETE.
10. SAW CUT LONGITUDINAL AND TRANSVERSE JOINTS PER INDEX NO. 305.
11. AFTER GRINDING OPERATION IS COMPLETE. SAND BLAST JOINTS TO CLEAN OF CONTAMINANTS.
12. INSTALL JOINT SEAL PER INDEX NO. 305.

NOTES

1. IF THE EXISTING SUBGRADE IS DISTURBED. REGRADE AND COMPACT THE MATERIAL. ANY SUBGRADE LOST DURING REMOVAL SHALL BE REPLACED WITH CONCRETE DURING REPLACEMENT. THERE SHALL BE NO PAYMENT FOR EXTRA DEPTH CONCRETE.
2. THE EXISTING SLAB IS APPROXIMATELY 203 THICK.
3. TIE BARS ARE TO BE NO. 4 BARS 635 LONG.

REPAIR PROCEDURES - FULL SLAB REPLACEMENT

1. SAW CUT THE EXISTING LONGITUDINAL JOINT (FULL DEPTH).
2. SAW CUT TRANSVERSE CUTS FULL DEPTH.
3. MAKE ADDITIONAL CUTS AS NECESSARY TO REMOVE THE EXISTING SLAB IN A MANNER WHICH WILL NOT DAMAGE THE EXISTING ADJACENT SLABS.
4. REMOVE SLAB FULL DEPTH BY LIFT OUT METHOD.
5. REPAIR SLAB FOUNDATION.
6. DRILL AND EPOXY TIE BARS INTO EXISTING SLAB AS SHOWN AND PER INDEX NO. 305.
7. PLACE 6 x 178 PREFORMED JOINT FILLER PER DETAIL.
8. FILL SAW CUTS INTO ADJACENT SLAB WITH TYPE B EPOXY CEMENT.
9. PLACE CONCRETE.
10. SAW CUT LONGITUDINAL AND TRANSVERSE JOINTS PER INDEX NO. 305.
11. AFTER GRINDING OPERATION IS COMPLETE. SAND BLAST JOINTS TO CLEAN OF CONTAMINANTS.
12. INSTALL JOINT SEAL PER INDEX NO. 305.

NOTES

1. IF THE EXISTING SUBGRADE IS DISTURBED. REGRADE AND COMPACT THE MATERIAL. ANY SUBGRADE LOST DURING REMOVAL SHALL BE REPLACED WITH CONCRETE DURING REPLACEMENT. THERE SHALL BE NO PAYMENT FOR EXTRA DEPTH CONCRETE.
2. THE EXISTING SLAB IS APPROXIMATELY 203 THICK.
3. TIE BARS ARE TO BE NO. 4 BARS 635 LONG.

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

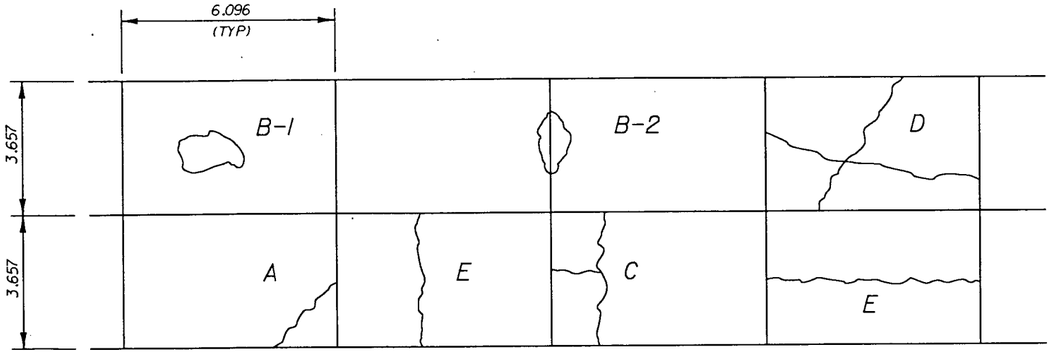
REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

CONCRETE PAVEMENT REPAIR DETAILS (1)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	34



TYPICAL DISTRESS REQUIRING REPAIR

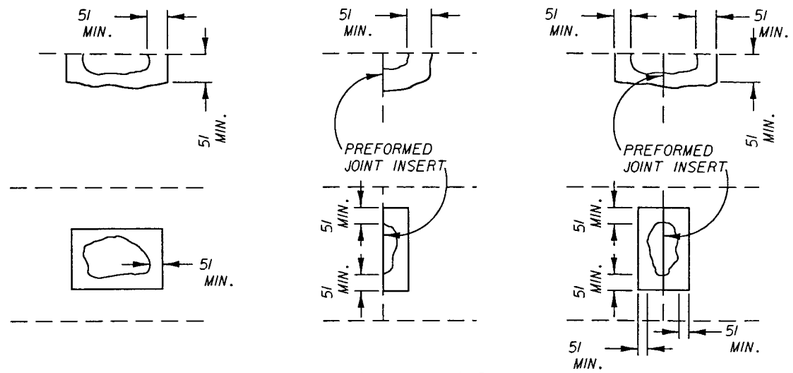
A. CORNER CRACK

B. SPALL - PARTIAL DEPTH REPAIR
   1. NOT AT JOINT
   2. AT JOINT

C. PARTIAL SLAB REPAIR

D. SHATTERED SLAB - FULL SLAB REPLACEMENT

E. LONGITUDINAL OR TRANSVERSE CRACK - ROUTE AND SEAL



SPALL REPAIR

REPAIR PROCEDURE (SEALING RANDOM CRACKS)

1. MARK OUT LOCATION OF CRACK.
2. ROUT CRACK WITH A VERTICAL BIT ROUTER OR ROUTING SAW.
3. CLEAN SAW CUT OF CONTAMINANTS.
4. AFTER GRINDING IS COMPLETED, SEAL CRACK WITH HOT POURED SEALANT PER INDEX NO. 305.

REPAIR PROCEDURES - SPALLS (PARTIAL DEPTH REPAIR)

1. "SOUND" AREAS ADJACENT TO SPALL TO DETERMINE THE LIMITS OF THE DAMAGED OR DEFECTIVE AREA.

SPALLS - NOT AT JOINTS:

2. PATCH LIMITS SHALL EXTEND 51 TO 102 OUTSIDE DEFECTIVE AREA.
3. SAW CUT TO A DEPTH OF 51. (RUNOFF OF SAW CUT TO BE FILLED WITH TYPE B EPOXY CEMENT).
4. REMOVE DISTRESSED CONCRETE WITH A 13.6 KILOGRAM (MAX.) JACK HAMMER.
5. SAND BLAST SURFACE CLEAN.
6. EPOXY COAT SURFACE AND PLACE ACCELERATED STRENGTH PORTLAND CEMENT OR PLACE AN APPROVED PROPRIETARY RAPID SETTING PATCHING MATERIAL PER THE MANUFACTURER'S RECOMMENDATIONS. (SEE SPECIAL PROVISIONS SECTION 354 FOR DETAILED SPECIFICATIONS).

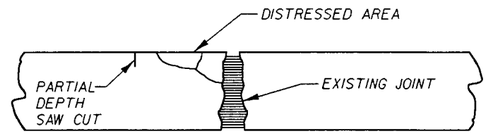
SPALL - AT JOINTS:

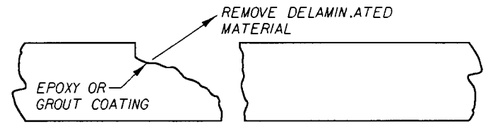
FOLLOW STEPS 2 THROUGH 5 ABOVE.

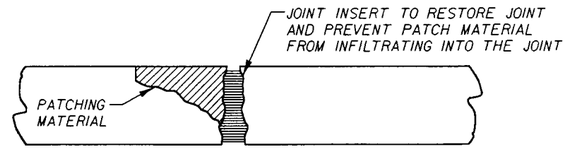
6. PLACE A PREFORMED JOINT INSERT (FOAMED POLYSTYRENE OR ASPHALT IMPREGNATED FIBERBOARD) ALONG THE JOINT.
7. EPOXY COAT SURFACE AND PLACE ACCELERATED STRENGTH PORTLAND CEMENT OR PLACE AN APPROVED PROPRIETARY RAPID SETTING PATCHING MATERIAL PER THE MANUFACTURER'S RECOMMENDATIONS. (SEE SPECIAL PROVISIONS SECTION 354 FOR DETAILED SPECIFICATIONS).

NOTES:

1. SPALL LESS THAN 38 WIDE BY 152 IN LENGTH SHALL BE FILLED WITH JOINT SEALANT IF LOCATED AT A JOINT.







STEPS FOR PARTIAL DEPTH PATCHING

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

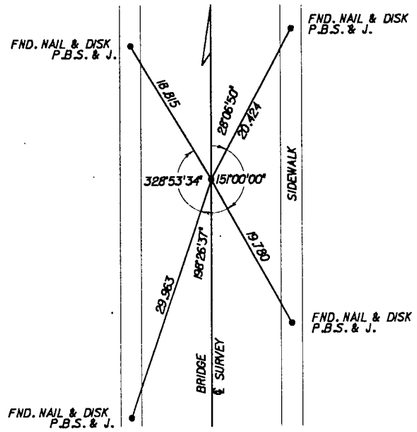
FLORIDA DEPARTMENT OF TRANSPORTATION

CONCRETE PAVEMENT REPAIR DETAILS (2)

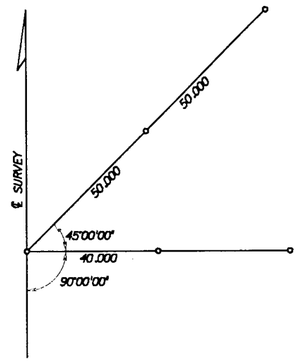
FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	35

N.T.S.
METRIC

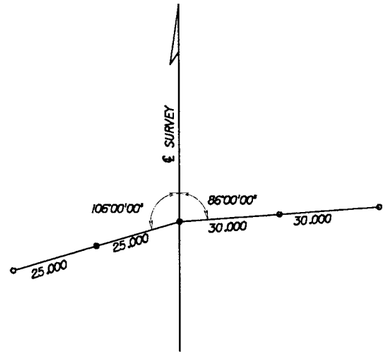
B.O.S.
POT STA. 233+00.000



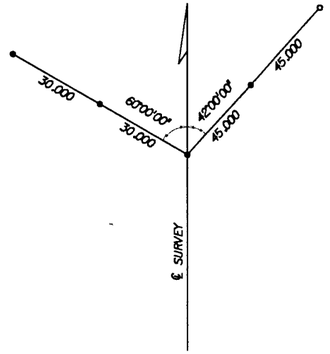
POT STA. 235+00.000



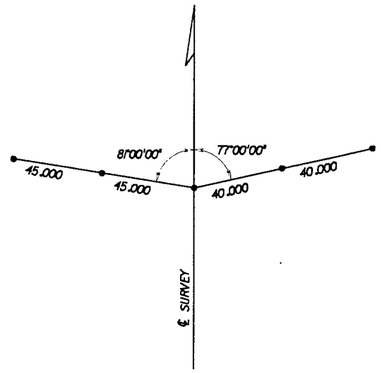
POT STA. 243+00.000



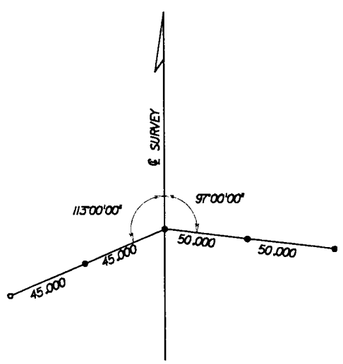
POT STA. 247+00.000



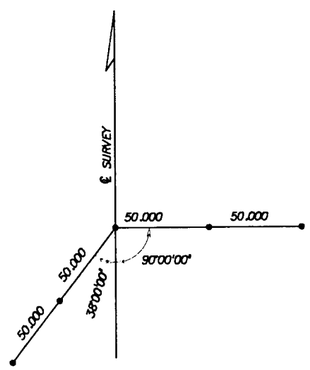
POT STA. 251+00.000



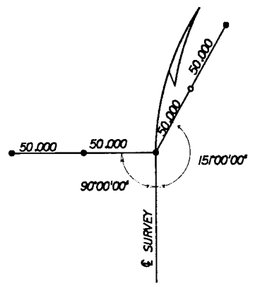
POT STA. 255+00.000



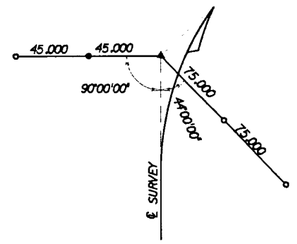
POT STA. 259+00.000



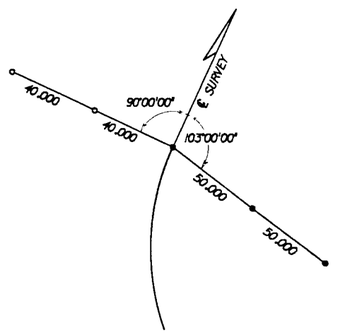
PC STA. 260+08.081



PI CURVE NO.1
STA. 261+92.701



PT STA. 263+71.303



LEGEND

- ● SET PK & DISK LB #3935
- ○ SET 16 IRON ROD REF. CAP LB #3935

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Volker, Davis & Associates, Inc.
CONSULTING ENGINEERS

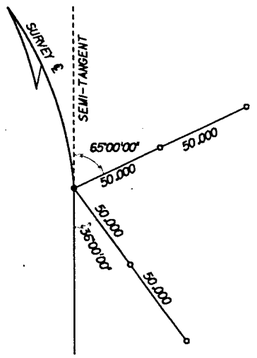
FLORIDA DEPARTMENT OF TRANSPORTATION

REFERENCE POINTS (1)

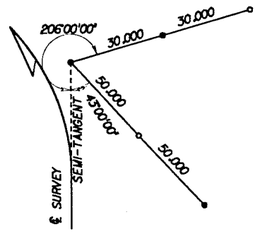
FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	36

N.T.S.
METRIC

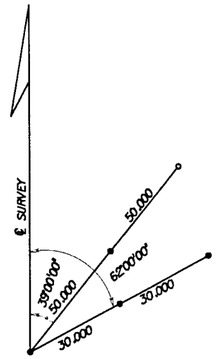
PC STA. 267+36.495



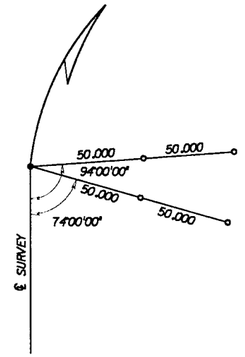
PI CURVE NO. 2
STA. 268+44.158



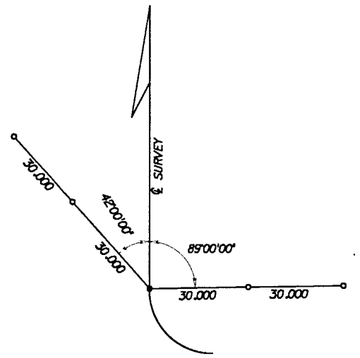
PT STA. 269+46.539



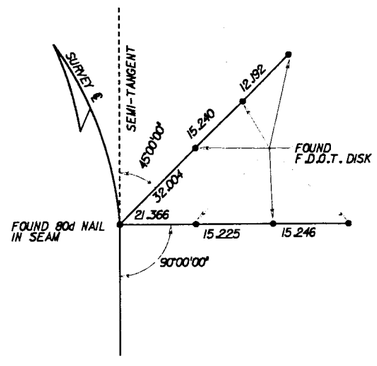
PC STA. 270+40.581



PT STA. 273+73.638



PC STA. 277+25.376



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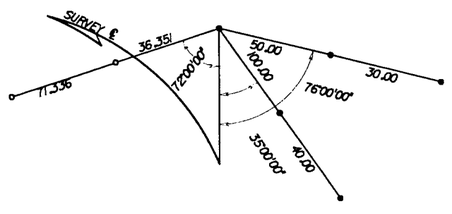
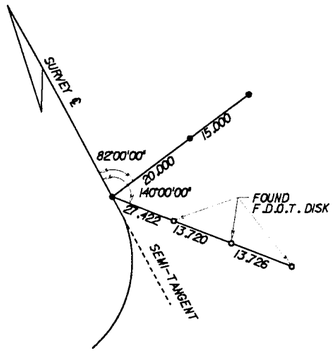
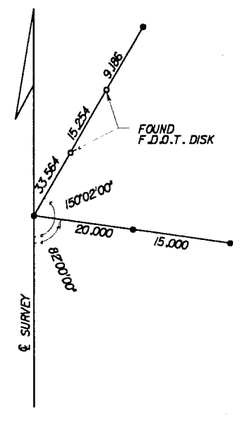


EOS STA. &
PT STA. 280+53.194



STA.280+80.068



LEGEND

- ● SET PK & DISK LB #3935
- ○ SET 16 IRON ROD REF. CAP LB #3935

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

REFERENCE POINTS (2)

QUALITY ASSURANCE REVIEW
DATE
BY
DESCRIPTION

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	37

S.R. 546 (U.S. 92)

WEBSTER AVE.

DIRT DRIVEWAY

OAKS

13.106

150 WM

50 WM

300 WM

0.762+/- DRAINAGE EASEMENT

R/W

ASPH.

1 STORY CONC. BLOCK DWELLING

1.2 CHAIN LINK FENCE

1:400

0 2.0 10.0

Meters

BEGIN CONC. REHAB
STA. 233+42.250

EXIST. CB

+53.690

+61.310

REMOVE EXIST. CONC. STAIRS AND REPLACE WITH SOD.

CONSTRUCT MISC. ASPHALT PAVT.

EXIST. GUARDRAIL

CONST. GUARDRAIL

+56.366

REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.

EXIST. SHLDR. GUTTER

375 RCP

233

234

18.537

19.812

22.860

℄ SURVEY

N89°27'00"E

EXIST. TREE B OVER

FOR CONTINUATION OF PLANS, SEE INSET BELOW.

REMOVE EXISTING FENCE AND FENCE POSTS. CONSTRUCT 1.2 METER HIGH TYPE B FENCE.

END BRIDGE
STA. 233+27.250

EXIST. SWK

EXIST. CB

EXIST GUARDRAIL

STA. 233+37.503
END FENCE REPLACEMENT

EXIST. FENCE

END APPROACH SLAB
STA. 233+42.250

1.2 CHAIN LINK FENCE

ELECTRICAL SUBSTATION

ELEVATED BILLBOARD

KATHLEEN RD.

MATCH LINE STA. 234+00 SEE PLAN (2)

INSET

BEGIN PROJECT
STA. 232+06.324

232+20

FOR CONTINUATION OF PLANS, SEE ABOVE.

℄ SURVEY

N89°27'00"E

REMOVE EXISTING FENCE AND FENCE POSTS. CONSTRUCT 1.2 METER HIGH TYPE B FENCE.

STA. 232+06.324
BEGIN FENCE REPLACEMENT

QUALITY / LEVEL OF SERVICE REVIEW

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (1)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	38

OAKS
OAKS
EXIST. HOUSE
OAKS
1.2 CHAIN LINK FENCE
12.192
MIXED TREES AND SHRUBS
6.096
200 SAN
1 STORY METAL COMM. BUILDING
"ACE REFRIGERATION"
1.8 CHAIN LINK FENCE WITH 3 STRAND EXPEED WIRE TOP
EXIST. FENCE
1:400
N
0 2.0 10.0
Meters
1.8 WOOD FENCE
1.8 WOOD FENCE
1 STORY FRAME DWELLING
OE
1.2 CHAIN LINK FENCE
ELEVATED BILLBOARD
MIXED TREES AND SHRUBS
600x900 RCP
R/W
OAKS
1.2 CHAIN LINK FENCE
PP
OE
EXIST. EW
PP
MIXED TREES AND SHRUBS
EXIST. C.B.
MIXED TREES AND SHRUBS
CONST. TYPE F CURB & GUTTER
450 RCP
600x900 RCP
1200 RCP
EXIST. STM. MH
REMOVE 11.4 OF EXIST. GUARDRAIL
EXIST. C.B.
350 RCP
+31.000
CONSTRUCT MISC. ASPHALT PAVEMENT
22.860
EXIST. GUARDRAIL
EXIST. CB
375 RCP
19.812
LP
S.R. 546 (U.S. 92)
+22.600
EXIST. SHLDR. GUTTER
EXIST. C.B.
+33.400
CONST. END ANCHORAGE TYPE (SRT 350)
℄ SURVEY
4.6 TRANSITION SHLDR. GUTTER TO TYPE F CURB & GUTTER
+38.000
22.860
MATCH LINE STA. 234+00 SEE PLAN (1)
34
50 WM
22.860
235
200 RCP
EXIST. TYPE B CURB
Grass
N89°27'00"E
EXIST. TYPE B CURB
CONST. TYPE F CURB & GUTTER (S-1A)
EXIST. SHLDR. GUTTER
22.860
MATCH LINE STA. 235+40 SEE PLAN (3)
EXIST. SWK.
LP
EXIST. GUARDRAIL
EXIST. CB
375 RCP
LP
EXIST. C.B.
350 RCP
+33.400
+38.000
22.860
50 WM
200 RCP
BM-77 CONC. MON. W/FDOT DISK
STA. 235+30.546, 30.480 RT.
ELEV. 60.677
EXIST. EW
R/W
450 RCP
EXIST. STM. MH
150 WM
150 WM
150 WM
4.6 TRANSITION SHLDR. GUTTER TO TYPE F CURB & GUTTER
OAK
ASPH.
825x1320 ERCP
12.192
1 STORY METAL FRAME COMM. BLDG.
"SHEET METAL FABRICATION"
PALM
ASPH.
PALM

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (2)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	39

1:400
0 2.0 10.0
Meters

1.8 CHAIN LINK FENCE WITH 3-STRAND BARBED WIRE TOP
1.8 CONC. BLOCK WALL
1 STOR) METAL COMM. BLDG. "MUFFLER MAN"
S.R. 546 (U.S. 92)
WALKER AVE.
N 00°45'06"E
R/W
50' WM
200 SAN
6.527
5.714
350 RCP
236+06.605
20.692 (LT.)
PROP. POLE RELOCATION (BY OTHERS)
EXIST. SWK.
CONSTRUCT MISC. ASPHALT PAVEMENT
STA. 236+11.555 ℄ SURVEY S.R. 546
STA. 30+00.00 ℄ SURVEY WALKER AVE.
OE
PP
S-4
S-3
CONST. 375 PIPE
ASPH.
1200 RCP
236+07.500
END SLOTTED DRAIN
236+06.583
18.439 (LT.)
EL. 62.935
EL. 63.041
9.0 R
CONST. TYPE F CURB & GUTTER
CONST. 375 SLOTTED DRAIN
235+97.486
EL. 63.238
24.0 R
9°18'06"
236
℄ SURVEY
EXIST. CONC. SEPARATOR
Grass
EXIST. TYPE B CURB
N89°27'00"E
0.6 R
236+09.958
2.134 (RT.)
22.860
+45.000
BEGIN SLOTTED DRAIN
MATCH LINE STA. 235+40 SEE PLAN (2)
22.860
+46.000
S-1B
+56.000
CONST. 450 SLOTTED DRAIN
CONST. TYPE "F" CURB & GUTTER
EXIST. SWK.
CONST. 450 PIPE
CONST. 1.2 CONC. SIDEWALK
S-2
CONST. 3.0x3.0 RIP-RAP (RUBBLE) (DITCH LINING)
STA. 236+32.605 ℄ SURVEY S.R. 546
STA. 30+00.00 ℄ SURVEY JACK AVE
150 WM
R/W
CONC. PAVT. WIDENING
1.2 CHAIN LINK FENCE
ELEVATED BILLBOARD
OAKS
REMOVE EXIST. SIDEWALK AND CONST. NEW CURB CUT RAMP
LIMITS OF GRINDING
450 RCP
CONST. 1.5 CONC. SIDEWALK
236+18.939
EL. 63.215
END SLOTTED DRAIN
9.0 R
REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP
+5.000
50 WM
236+25.664
EL. 63.205
236+27.895
18.408 (RT.)
EL. 63.202
29+77.141
4.735 (LT.)
N 00°33'33"W
JACK AVE.
4.572
7.620
(12.192 R/W)
R/W
1-STORY MASONRY COMM. BLDG. "FINAMART"
FILLER CAPS
PUMP ISLAND
1.8 CHAIN LINK FENCE
METAL CANOPY OVER FUEL PUMPS
+38.500
+40.000
2' CONC. BLOCK WALL
FUEL TANKS
1.2 CONC. BLOCK WALL
REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.
7.2
CONC. ISLAND
R/W
50' WM
BT
EXIST. STM. MH
1200 RCP
LP
EXIST. C.B.
OE
236+44.170
236+57.360
236+62.800
236+76.000
CONST. TYPE "F" CURB & GUTTER
REMOVE EXIST. CONC. PAVT. SEE DETAIL ON SHEET 12.
19.812
0.6 R
236+16.613
2.134 (LT.)
350 RCP
SOD MEDIAN
CONST. TYPE "B" CURB
Grass
N89°27'00"E
REMOVE EXIST. CONC. CURB.
90°00'33"
50 WM
236+72.000
REMOVE EXIST. CONC. SEPARATOR
15.240
MATCH LINE STA. 236+80 SEE PLAN (4)
CONST. TYPE "F" CURB & GUTTER
EXIST. C.B.
236+58.565
236+70.920
LIMITS OF GRINDING
150 WM
REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.
ELEVATED BILLBOARD
8 CHAIN LINK FENCE WITH BARBED WIRE TOP
BM-77A CONC. MON. W/FDOT DISK
STA. 238+16.000, 26.500 RT.
ELEV. 63.683

REVISIONS											
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Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (3)

EQUAL OPPORTUNITY EMPLOYER
FED. CORRECT. OF CURVE & S RANGE INDICATED
DATE

FINANCIAL PROJECT ID:	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	40

ANDERSON AVE.
LINCOLN AVE.
S.R. 546 (U.S. 92)
1 STORY MASONRY COMM. BLDG.
"MICHAEL'S CARPET AND VINYL"
"A.J. CO. HAIR STUDIO"
"WILMA FARRIS UPHOLSTERY"
"DOT'S PREOWNED FURNITURE"
"WILSON'S LANDSCAPING AND DEMOLITION"
1 STORY MASONRY COMM. BLDG. VACANT
1.8 CHAIN LINK FENCE
OAKS
ASPH.
R/W
6.069
7.620
N 0°16'48"W
N 0°00'38"E
N 0°34'12"W
50 WM
150 WM
REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP
REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.
EXIST. SWK.
EXIST. CB
EXIST. TEL. MH
1050 RCP
900 RCP
350 RCP
OE
BT
CONST. TYPE "F" CURB & GUTTER
CONST. TYPE "B" CURB
236+97.668
LIMITS OF GRINDING
236+87.000
237
237+00.362
237+18.279
SAW CUT AND REMOVE NOSES OF EXIST. CONC. SEPARATOR. CONST. NEW CONC. SEPARATOR TO CLOSE MEDIAN OPENING.
REMOVE EXIST. CONC. PAVT. SEE DETAIL ON SHEET 12.
CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR
EXIST. CONC. SEPARATOR
N89°27'00"E
90°16'12"
90°30'38"
19.812
15.240
30
MATCH LINE STA. 236+80 SEE PLAN (3)
EXIST. TYPE "F" CURB & GUTTER
CONST. TYPE "F" CURB & GUTTER
237+09.128
237+14.624
237+24.810
11.574 (RT)
237+46.028
13.190 (RT.)
237+51.433
22.151 (RT.)
LIMITS OF GRINDING
CONC.
EXIST. SWK.
I.8 CHAIN LINK FENCE WITH BARBED WIRE TOP
R/W
ASPH.
REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.
"LARRY'S"
REMOVE EXISTING SIDEWALK AND CONST NEW CURB CUT RAMP
1 STORY MASONRY AND BRICK COMM. BUILDING
1 STORY CONC. BLOCK STUCCO AND TILE STORE
"FURNITURE AND APPLIANCES"
CONCRETE TILES
STA. 237+09.245 ℄ SURVEY S.R. 546
STA. 30+00.00 ℄ SURVEY ANDERSON AVE.
STA. 237+56.511 ℄ SURVEY S.R. 546
STA. 30+00.00 ℄ SURVEY LINCOLN AVE.
STA. 237+65.201 ℄ SURVEY S.R. 546
STA. 30+00.00 ℄ SURVEY LINCOLN AVE.
1 STORY CONC. BLOCK COMM. BLDG.
"LIQUORS" (VACANT)
CONST. CONC. SIDEWALK
REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.
7.2
237+85.424
238+02.755
238+15.999
+15.0
CONST. TYPE "F" CURB & GUTTER
238
REMOVE EXIST. CONC. SEPARATOR
℄ SURVEY
237+87.588
CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR
MATCH LINE STA. 238+20 SEE PLAN (15)
237+69.440
237+72.108
237+96.027
EXIST. TYPE "F" CURB & GUTTER
EXIST. CB
150 WM
1.2 C.L. FENCE
SHRUBS
REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.
237+62.879
7.980
8.565
OAKS
"LAKELAND SMALL ENGINE REPAIR CLINIC"
1-1/2 STORY CONC. BLOCK COMM. BLDG.
1 STORY MASONRY COMM. BLDG.
"CHRISTIAN ELECTRIC"
I.8 C.L. FENCE WITH BARBED WIRE TOP
CONC. PAVT. WIDENING
1:400
0 2.0 10.0
Meters

REVISIONS											
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Fuller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (4)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
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S.R. 546 (U.S. 92)

OHIO AVE.

N 0°16'43"W

MATCH LINE STA. 238+20 SEE PLAN (4)

MATCH LINE STA. 239+60 SEE PLAN (16)

N89°27'00"E

N 0°35'04"W

REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP

REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.

REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.

REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP

REMOVE EXIST. CONC. CURB

REMOVE EXIST. CONC. SEPARATOR

REMOVE EXIST. CONC. CURB

REMOVE EXIST. CONC. SEPARATOR

REMOVE EXIST. CONC. PAVT. SEE DETAIL ON SHEET 12.

REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP

CONST. TYPE "F" CURB & GUTTER

CONST. TYPE "B" CURB

SOD MEDIAN

℄ SURVEY

CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR

CONST. TYPE "F" CURB & GUTTER

LIMITS OF GRINDING

EXIST. TYPE "F" CURB & GUTTER

EXIST. CB

EXIST. SAN. MH

EXIST. TELE MH

238+45.000 2.140 (LT.)

238+30.000 2.140 (RT.)

238+85.769

238+91.722

238+98.500 2.140 (RT.)

239+13.500 0.940 (LT.)

239+17.668

239+28.262

239+39.324 2.140 (LT.)

239+48.068 2.140 (LT.)

239+23.138

239+39.897

STA. 238+64.524 ℄ SURVEY S.R. 546
STA. 30+00.00 ℄ SURVEY OHIO AVE.

STA. 238+92.518 ℄ SURVEY S.R. 546
STA. 30+00.00 ℄ SURVEY OHIO AVE.

CONC. PAVT. WIDENING

1-1 STORY CONC. BLOCK COMM. BLDG. "SCHLEI SUPPLY & SERVICE CO."

2 STORY CONC. BLOCK ADDITION W/ 2 BILLBOARDS ON ROOF

1-1 STORY MASONRY COMM. BLDG. "DISCOUNT AUTO PARTS"

1-1 STORY MASONRY COMM. BLDG. "BEAN BROTHERS"

1-1 STORY MASONRY COMM. BLDG. "USED TIRES & WHEELS"

"SUPER CHOICE FOOD STORE"

1-1 STORY MASONRY COMM. BLDG.

REALTOR SIGN

BILLBOARD

ASPH.

ASPHALT PARKING

OAK

ELM

SIGN

1.2 C.L. FENCE

1.8 WOOD FENCE

1.5 C.L. FENCE W/ BARB. WIRE

6 KETTLES AVE.

R/W

OE

GM

SAN

WM

RCP

BT(3)

EXIST. SWK.

CONC.

Gross

90°16'R"

90°02'04"

0.6 R

CP 15.0

19.812

15.240

7.225

10.8

6.096

200

350

750

900

100

50

600

1.400

0 2.0 10.0

Meters

EQUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE	BY	DESCRIPTION

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
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FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (5)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	42

KETTLES AVE.
N 0°08'01"W
7.002
50 WM
EXISTING CB
RCP
150 WM
REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP
CONST. TYPE "F" CURB & GUTTER
600 RCP
239+90.698
239+95.698
240+08.898
LIMITS OF GRINDING
0.6 R
24.0 R
239+67.160
2.140 (LT.)
90°24'59"
19.812
MATCH LINE STA. 239+60 SEE PLAN (5)
239+60.550
2.140 (RT.)
15.240
239+62.820
239+73.241
CONST. TYPE "F" CURB & GUTTER
239+90.000
CONC.
EXIST. SWK.
150 WM
10.8
R/W
239+63.560
239+70.340
CONST. CONC. SIDEWALK
REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.
ASPHALT PARKING
STA. 239+63.052 ℄ SURVEY S.R. 546
STA. 30+00.00 ℄ SURVEY KETTLES AVE.
2 STORY MASONRY COMM. BLDG.
"LEWIS FUNERAL HOME"
S.R. 546 (U.S. 92)
UNPAVED
ASPHALT
1.2 C.L. FENCE
MIXED TREES & SHRUBS
OAK
7.2 ASPHALT
ASPH.
CONST. CONC. SIDEWALK
REMOVE EXIST. CONC. PAVT. SEE DETAIL ON TYPICAL SECTION DETAILS
EXIST. TYPE "F" CURB & GUTTER
+40.0
+43.0
240
℄ SURVEY
SOD MEDIAN
N89°27'00"E
30
CONST. TYPE "B" CURB
REMOVE EXIST. CONC. SEPARATOR
90°05'12"
REMOVE EXIST. CONC. SEPARATOR
LIMITS OF GRINDING
EXIST. CB
350 RCP
240+45.000
2.140 (RT.)
REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP
STA. 240+26.453 ℄ SURVEY S.R. 546
STA. 30+00.00 ℄ SURVEY TEXAS AVE.
TEXAS AVE.
N 0°38'12"W
300 WM
R/W
EXIST. SWK.
100 GM
1.5 C.L. FENCE
6.096
6.096
50 WM
SHELL DRIVE
1 STORY MASONRY COMM. BLDG.
ALL AMERICAN "SPIKER'S"
"SUPER CHOICE FOOD STORE"
1 STORY MASONRY COMM. BLDG.
1 STORY WOOD FRAME RESIDENCE
MIXED TREES & SHRUBS
1 STORY WOOD FRAME RESIDENCE
1 STORY STUCCO RESIDENCE
OAK TREE & SHRUBS
TEXAS AVE.
N 0°20'23"W
5.831
5.938
R/W
300 WM
1 STORY CONC. BLOCK COMM. BLDG.
OAK
"RALPH KAZARIAN"
1 STORY MASONRY COMM. BLDG.
EXIST. CB
ASPHALT
350 RCP
REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP
EXIST. TEL. MH
400mm STEEL CASING
89°47'23"
240+85.286
MATCH EXISTING S/W
REMOVE EXIST. CONC. SEPARATOR
240+69.608
2.140 (LT.)
CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR
EXIST. TYPE "F" CURB & GUTTER
EXIST. TYPE II CONC. TRAFFIC SEPARATOR
15.849
17.772
EXIST. TYPE "F" CURB & GUTTER
+85.367
+89.338
+91.657
+93.562
+93.941
EXIST. SWK.
150 WM
MATCH EXIST. S/W
CONST. 1.5 CONC. S/W
CONST. 1.8 CONC. S/W
REMOVE EXIST. SW
BILLBOARD
STA. 240+61.439 ℄ SURVEY S.R. 546
STA. 30+00.00 ℄ SURVEY TEXAS AVE.
MATCH LINE STA. 241+00 SEE PLAN (7)
UNPAVED
SHRUB
SIGN
CONST. 1.5 CONC. S/W
CONST. 1.8 CONC. S/W
R/W
EXIST. SWK.
150 WM
CONC.
+89.338
+93.562
1:400
0 2.0 10.0
Meters
N

REVISIONS											
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Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (6)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
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WIDENING

REMOVE EXIST. TYPE E CURB & GUTTER

WIDENING

CONST. 1.2 TYPE I (OPTION II) CONC. TRAFFIC SEPARATOR

MATCH LINE STA. 30+40 SEE M.L.K. AVENUE PLAN

PALMS

OAK

S.R. 546 (U.S. 92)

ELEVATED BILLBOARDS

UNPAVED

EXIST. TYPE "F" CURB & GUTTER

M.L.K. AVE.

30+29.774

EXIST. CB

EXIST. TYPE "F" CURB & GUTTER

EXIST. TYPE II CONC. TRAFFIC SEPARATOR

R/W

EXIST. SW

ASPHALT

RETENTION AREA

CHAIN LINK FENCE

STA. 241+65.673 ℄ SURVEY S.R. 546
STA. 30+00.00 ℄ SURVEY M.L.K. AVE.

MATCH EXIST. S/W +46.775

CONST. 1.5 CONC. S/W

CONST. 1.8 CONC. S/W

CONST. 1.8 CONC. S/W

PALM

R/W

BT(3)

150 WM

OE

+43.100

600 RCP

350 RCP

LIMITS OF GRINDING

EXIST. CB

350 RCP

MATCH EXIST. S/W

+90.728

+93.501

+94.590

REMOVE EXIST. SW

EXIST. CB

600 RCP

+17.692

+19.192

+21.334

+23.013

REMOVE EXIST. SW

EXIST. TYPE "F" CURB & GUTTER

EXIST. TYPE "B" CURB & GUTTER WITH SIDEWALK

EXIST. STM. MH

EXIST. TYPE "B" CURB & GUTTER WITH SIDEWALK

+89.655

CONST. 1.8 CONC. S/W

+14.670

+16.757

+18.851

CONC.

CONST. 1.5 CONC. S/W

+30.924

LIMITS OF GRINDING

REMOVE EXISTING SIDEWALK & CONST. NEW CURB CUT RAMP & CURB.

FLORENCE AVE.

41

15.849

EXIST. TYPE II CONC. TRAFFIC SEPARATOR

242

241+85.596
0.915 (RT.)

N89°27'00"E

℄ SURVEY

15.544

MATCH LINE STA. 241+00 SEE PLAN (6)

MATCH LINE STA. 242+40 SEE PLAN (8)

18.288

150 WM

90°26'02"

600 RCP

89°54'10"

CR 16.0

0.5 R

CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR

CONST. 1.5 CONC. S/W

EXIST. TYPE "F" CURB & GUTTER

15.240

MATCH EXIST. S/W

EXIST. TYPE "E" CURB & GUTTER

EXIST. TYPE "B" CURB & GUTTER WITH SIDEWALK

REMOVE EXIST. SW

+03.617

+10.627

+16.161

+17.747

+22.244

+23.643

CONST. 1.8 CONC. S/W

150 WM

+43.360

EXIST. STM. MH

450 RCP

LIMITS OF GRINDING

+91.767

CONST. 1.8 CONC. S/W

150 WM

R/W

CONST. 1.8 CONC. S/W

+37.420

REMOVE EXIST. SW

PALMS

N 0°27'10"W

350 RCP

MATCH EXIST. S/W

+93.807

+01.116

+03.369

CONC. SLAB

EXIST. CB

CH.L.F. FENCE WITH BARBED WIRE

R/W

CH.L.F. FENCE WITH BARBED WIRE (PAGE SEALED)

BM-78A CONC. MON. W/FDOT DISK
STA. 241+11.000, 26.800 RT.
ELEV. 65.852

1 STORY MASONRY COMM. BLDG.
"T-SHIRT CITY"

1 STORY STUCCO RESTAURANT
"CHAU'S CHINESE FOODS"

+11.269

+12.609

200 SAN

UNPAVED

50 WM

SHELL DRIVE

ASPH.

STA. 241+68.425 ℄ SURVEY S.R. 546
STA. 30+00.00 ℄ SURVEY M.L.K. AVE.

1:400

0 2.0 10.0
Meters

N

1.5 CHAIN LINK FENCE

CONCRETE MASONRY COMM. BLDG. (CANOPY)

SHRUBS

"AMERICLEAN OF LAKELAND"

ASPHALT

0.25 OAK

SIGN

SHRUBS

AQUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (7)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
97604-1-52-01	16100-3515	44

PLAN (8)

S.R. 546 (U.S. 92)

FLORENCE AVE.

VIRGINIA AVE.

NEW YORK AVE.

STA. 243+21.15 ℄ SURVEY S.R. 546
STA. 30+00.00 ℄ SURVEY VIRGINIA AVE.
STA. 242+40.300 ℄ SURVEY S.R. 546
STA. 30+00.00 ℄ SURVEY FLORENCE AVE.

STA. 242+56.805 ℄ SURVEY S.R. 546
STA. 30+00.00 ℄ SURVEY VIRGINIA AVE.

STA. 243+55.595 ℄ SURVEY S.R. 546
STA. 30+00.00 ℄ SURVEY NEW YORK AVE.

MATCH LINE STA. 242+40 SEE PLAN (7)

MATCH LINE STA. 243+80 SEE PLAN (9)

1 STORY CONC. BLOCK COMM. BLDG. "SHOE SHINE"

1 STORY MASONRY COMM. BLDG. (LOUNGE) "D & B"

FORMER "STAR SERVICE GAS FOR LESS"

1 STORY CONC. BLOCK COMM. (VACANT)

1 STORY CONC. BLOCK COMM. BLDG. VICTORIA INSURANCE

1 STORY MASONRY COMM. BLDG. "WRIGHT PLACE SOUL FOOD"

1 STORY MASONRY COMM. BLDG. "LAKELAND SEAFOOD"

2 STORY FRAME RESIDENCE

1 STORY BRICK RESIDENCE

1 STORY FRAME RESIDENCE

SHELL DIRT DRIVE

DIRT DRIVE

SHELL DRIVE

ASPHALT

ASPHALT PARKING

UNPAVED

REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP

REMOVE EXIST. CONCRETE PAVEMENT

REMOVE EXIST. SW

REMOVE EXIST. CONC. SEPARATOR

REMOVE EXIST. CONC. PAVT. SEE DETAIL ON TYPICAL SECTION DETAILS

CONST. 1.5 CONC. S/W

CONST. 1.8 CONC. S/W

CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR

EXIST. TYPE II CONC. TRAFFIC SEPARATOR

CONST. TYPE "B" CURB

CONST. TYPE "F" CURB & GUTTER

EXIST. TYPE "F" CURB & GUTTER

SOD MEDIAN

LIMITS OF GRINDING

EXIST. CB

EXIST. TEL MH

SIGN

600 RCP

350 RCP

150 RCP

50 WM

150 WM

200 SAN

50 GM

OE

CONC.

ASPH.

EXIST. SWK.

2.4 C.L. FENCE WITH BARBED WIRE

STORAGE (UNPAVED)

1.2 C.L. FENCE

2.4 WOOD FENCE

OAK

OAKS

7.620

4.572

6.096

15.544

15.240

24.0 R

15.0 CR

0.6 R

90°11'30"

89°48'11"

89°57'28"

89°53'14"

N 0°21'17"W

N 0°21'30"W

N 0°30'28"W

N 0°26'12"W

N89°27'00"E

1:400

0 2.0 10.0 Meters

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

AQUALITY CONTROL/QUALITY ASSURANCE REVIEW

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	45

NEW YORK AVE.
MISSOURI AVE.
S.R. 546 (U.S. 92)
N 0°06'36"W
N 0°17'10"W
N 0°28'15"W
N89°27'00"E
N89°44'10"
90°04'45"
1 STORY MASONRY COMM. BLDG.
"CHURCH'S CHICKEN"
STORAGE
1 STORY CONC. BLOCK COMM. BLDG.
"SURFACE MARINE"
1 STORY CONC. BLOCK COMM. BLDG.
VICTORY INSURANCE
1 STORY CONC. BLOCK SALES OFFICE
"BARGAIN AUTO SALES"
1 STORY FRAME RESIDENCE
1 STORY FRAME RESIDENCE
1 STORY MASONRY
CITY COMM
CITY COMM
ASPHALT
UNPAVED
DIRT DRIVE
MIXED TREES
OAK & MIXED TREES
SMALL TREES
HEDGE
SMALL TREE
1.8 C.L. FENCE WITH BARBED WIRE
1.2 C.L. FENCE
1.0 OAK
EXIST. CB
EXIST. SW
EXIST. STM. MH
EXIST. TEL MH
EXIST. SIGN
EXIST. WK.
EXIST. PP
EXIST. PALM
EXIST. ASPH.
EXIST. OE
50 WM
150 WM
200 SAN
100 GM
350 RCP
600 RCP
750 RCP
BT(3)
R/W
1:400
0 2.0 10.0
Meters

REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP
REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH 1.8 CONC. S/W
REMOVE EXIST. SW
CONST. CONC. SIDEWALK
REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP
POLE TO BE RELOCATED (BY OTHERS)
REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP
REMOVE EXIST. SW
SIDEWALK BY OTHERS
CONSTRUCTION BY OTHERS
CONST. 1.8 CONC. S/W
LIMITS OF GRINDING
REMOVE EXIST. CONC. SEPARATOR
SOD MEDIAN
CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR
CONST. TYPE B CURB
CONST. TYPE "F" CURB & GUTTER
EXIST. TYPE "F" CURB & GUTTER
CONST. 1.5 CONC. S/W
MATCH CONSTRUCTION BY OTHERS
REMOVE EXIST. CONC. PAVT. AND REPLACE WITH CONC. S/W
REMOVE EXIST. SW
CONST. 1.8 CONC. S/W
CONST. 1.5 CONC. S/W
CONC. PAVT. WIDENING
℄ SURVEY
244
245
30

244+15.794
244+26.097
244+26.500
2.140 (LT.)
244+11.500
0.94 (RT.)
244+39.261
2.140 (RT.)
244+54.261
+14.496
+16.180
+36.446
+38.108
+39.036
+58.957
+60.527
+68.721
+70.507
+73.183
+59.949
+57.853
+70.244
+92.588
+93.100
+91.662
+94.739
+14.725
+08.329
+14.855
+15.149
+37.189
+53.217
+74.312
+77.22
+79.921
+05.974
+17.416
+08.219
+14.992
+16.899
+18.045

STA. 244+01.817 ℄ SURVEY S.R. 546
STA. 30+00.00 ℄ SURVEY NEW YORK AVE.

BM-79A CONC. MON. W/FDOT DISK
STA. 244+00.000, 23.900 RT.
ELEV. 65.478

STA. 244+64.085 ℄ SURVEY S.R. 546
STA. 30+00.00 ℄ SURVEY MISSOURI AVE.

STA. 244+82.687 ℄ SURVEY S.R. 546
STA. 30+00.00 ℄ SURVEY MISSOURI AVE.

MATCH LINE STA. 243+80 SEE PLAN (8)
MATCH LINE STA. 245+20 SEE PLAN (10)

15.240
14.630
6.086
5.715 R
9.144
18

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (9)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	46

S.R. 546 (U.S. 92)

STA. 245+64.976 ℄ SURVEY S.R. 546
STA. 30+00.00 ℄ SURVEY FLORIDA AVE.

FLORIDA AVE.

N 0°27'55"W

246

℄ SURVEY

N89°27'00"E

89°54'55"

90°05'05"

1:400

0 2.0 10.0
Meters

MATCH LINE STA. 245+20 SEE PLAN (9)

MATCH LINE STA. 246+60 SEE PLAN (11)

1.2 C.L. FENCE
200 SAN
GM
OAKS
HEDGE
SHRUBS
OAK
CONSTRUCTION BY OTHERS
18.288 R
150 WM
600 RCP
450 RCP
350 RCP
EXIST. STM. MH
EXIST. CB
EXIST. SAN. MH
EXIST. TEL. MH
EXIST. TYPE "F" CURB & GUTTER
LIMITS OF GRINDING
BT(4)
14.630
15.240
EXIST. CONC. SEPARATOR
750 RCP
900 RCP
R/W
ASPHALT
CANOPY OVER GAS PUMPS
"K" FOOD STORE
1 STORY MASONRY COMM. BLDG.
"PEARL VISION EXPRESS"
"MR. CHECK CASHER"
1 STORY CONC. BLOCK COMM. BLDG.
1 STORY CONC. BLOCK COMM. BLDG. (VACANT)
1 STORY MASONRY RESTAURANT
1 STORY MASONRY COMM. BLDG.
"TEXACO SERVICE STATION"
EXIST. TREES
CONST. 1.5 CONC. S/W
CONST. 1.8 CONC. S/W
REMOVE EXIST. SW
REMOVE EXIST. CONC. PAVEMENT
EXIST. SWK.
CONC.
SIGN
ASPHALT
5" OAK
+88.653
+91.879
+93.875
+03.346
+07.942
+45.299
+54.383
245+97.316
246+14.116
246+15.916
246+29.116
246+31.420
+91.371
+0.314
10.8
+20.663
7.2
+30.079
+49.577
+51.940
+56.772
3.048
19.812
200 SAN
250 WM
EXIST. CB
LIMITS OF GRINDING

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (10)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	47

S.R. 546 (U.S. 92)

TENNESSEE AVE.

KENTUCKY AVE.

STA. 246+65.535 ℄ SURVEY S.R. 546
STA. 30+00 ℄ SURVEY TENNESSEE AVE.

STA. 247+65.757 ℄ SURVEY S.R. 546
STA. 30+00 ℄ SURVEY KENTUCKY AVE.

STA. 247+65.007 ℄ SURVEY S.R. 546
STA. 30+00 ℄ SURVEY KENTUCKY AVE.

"MR. TRANSMISSION"
"MR. MUFFLER/CAR TECH"
"CLOSE-OUT'S PLUS"
"PAYLESS SHOES"
1-STORY METAL COMM. BLDG.
1-STORY MASONRY COMM. BLDG.
1-1/2 STORY MASONRY COMM. BLDG.
1-1/2 STORY CONC. BLOCK & BRICK COMM. BLDG.
CANOPY
ASPHALT
UNPAVED
CONC.
HEDGE
OAKS
OAK
I.S.O.L. FENCE
ELEVATED BILLBOARD
EXIST. TEL. MH
EXIST. SAN. MH
EXIST. STM. MH
EXIST. CB
EXIST. SIGN
EXIST. SWK.
EXIST. TYPE "F" CURB & GUTTER
EXIST. CONC. SEPARATOR
LIMITS OF GRINDING
REMOVE EXIST. CONC. PAVEMENT
REMOVE EXIST. SW
REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP
REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH CONC. S/W
CONST. 1.5 CONC. S/W
CONST. 1.8 CONC. S/W
CONST. CONC. S/W
CONST. TYPE "F" CURB & GUTTER
246+80.005
246+92.719
246+82.334
246+91.267
246+92.342
247+00.133
247+02.303
247+05.483
247+07.737
247+13.504
247+15.711
247+35.545
247+32.544
247+30.333
247+49.643
247+51.598
247+53.724
+94.363
+54.733
+31.171
+52.426
+39.962
+58.718
+73.277
+82.288
+76.969
+79.200
+73.30
+92.469
+57.342
+74.099
+91.607
+94.709
N 0°09'19"W
N 0°15'47"W
N 1°04'08"W
N89°27'00"E
90°23'41"
89°36'19"
89°42'47"
90°31'08"
9.144
(TO R/W)
250 WM
150 WM
200 SAN
(CONC. FILLED)
750 RCP
900 RCP
350 RCP
150 RCP
18.924
+86.826
15.240
17.946
MATCH LINE STA. 246+60 SEE PLAN (10)
MATCH LINE STA. 248+00 SEE PLAN (12)
BM-80A CONC. MON. W/FDOT DISK
STA. 247+16.000, 25.546 RT.
ELEV. 61.245
1:400
0 2.0 10.0
Meters

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (11)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	48

S.R. 546 (U.S. 92)

LAKELAND HILLS AVE.

MASSACHUSETTS AVE.

MATCH LINE STA. 30+40 SEE PLAN (37)

MATCH LINE STA. 248+00 SEE PLAN (11)

MATCH LINE STA. 249+40 SEE PLAN (13)

1 STORY MASONRY COMM. BLDG. "SPEEDWAY"

1 STORY MASONRY COMM. BLDG. "WARNOCK BROTHERS"

1-1/2 STORY MASONRY COMM. BLDG. "CLOSE-OUTS-PLUS"

CANOPY OVER GAS PUMPS

OUTDOOR BASKETBALL COURTS (CONC. SLAB)

1-1/2 STORY MASONRY COMM. BLDG. "WALGREEN"

REMOVE EXIST. CONC. PAVEMENT

CONST. TYPE "F" CURB & GUTTER

CONST. 1.5 CONC. SIDEWALK

REMOVE EXIST. SW

MATCH EXIST. CONC. S/W

EXIST. TYPE "F" CURB & GUTTER

EXIST. SWK.

EXIST. CB

EXIST. MH

EXIST. TEL. MH

EXIST. SAN. MH

EXIST. STM. MH

LIMITS OF GRINDING

CONST. 1.8 CONC. SIDEWALK

CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR

REMOVE EXIST. CONC. SEPARATOR

EXIST. CONC. SEPARATOR

℄ SURVEY

R/W

1.8 C.L. FENCE

HEDGE

SHRUB

ASPHALT

CONC.

OAKS

PALM

PINE

200 SAN (OUT OF SERVICE)

150 WM

350 RCP

900 RCP

BT(3)

N 0°27'01"W

N89°27'00"E

S0°05'59"E

7.2

+11.200

248+01.001

248+14.201

248+17.552

17.946

15.240

+51.995

+87.496

+83.873

19.812

249+39.000
0.940 RT.

249+13.000
2.140 (RT.)

+44.363

+39.184

+41.219

+85.585

+91.583

+88.146

+13.477

+17.376

+26.68

+31.471

11.279

10.362

STA. 248+67.027 ℄ SURVEY S.R. 546

STA. 30+00 ℄ SURVEY MASSACHUSETTS AVE.

1:400

0 2.0 Meters

EQUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (12)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	49

STA. 249+69.310 ℄ SURVEY S.R. 546
STA. 30+00 ℄ SURVEY IOWA AVE.

IOWA AVE.

S.R. 546 (U.S. 92)

℄ SURVEY S.R. 546
URVEY VERMONT AVE.

:68 ℄ SURVEY S.R. 546
STA. 30+00 ℄ SURVEY VERMONT AVE.

VERMONT AVE.

2 STORY MASONRY MOTEL
"DAYS INN"

1 STORY MASONRY COMM. BLDG.
"MISS ROSE'S FAMILY RESTAURANT"

CANOPY

ASPHALT

CONST. CONC. SIDEWALK

REMOVE EXIST. SW

EXIST. SWK.

EXIST. MH

EXIST. CB

EXIST. TEL. MH

EXIST. STM. MH

EXIST. SAN. MH

EXIST. TYPE "F" CURB & GUTTER

CONST. TYPE "F" CURB & GUTTER

CONST. TYPE "B" CURB

REMOVE EXIST. CONC. PAVT. SEE DETAIL ON TYPICAL SECTION DETAILS

REMOVE EXIST. CONC. SEPARATOR

CONST. 1.8 CONC. SIDEWALK

CONST. 1.2 TYPE III CONC. TRAFFIC SEPARATOR

SOD MEDIAN

LIMITS OF GRINDING

REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP

REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.

CONST. CONC. SIDEWALK

CONC. BLOCK PLANTER

GRATE INLET

PALM

SHRUB

SIGN

3 - 300 OAKS W/SHRUBS

1 STORY MASONRY COMM. BLDG.
"SAFELITE AUTO GLASS"

1 STORY MASONRY COMM. BLDG.
"COLOR TILE"

BM-81 CONC. MON. W/FDOT DISK
STA. 250+17.000, 29.400 RT.
ELEV. 55.490

MATCH LINE STA. 249+40 SEE PLAN (12)

MATCH LINE STA. 250+80 SEE PLAN (14)

STA. 249+65.756 ℄ SURVEY S.R. 546
STA. 30+00 ℄ SURVEY IOWA AVE.

N 0° 21' 44" W

N 0° 25' 07" W

N 0° 27' 06" W

N 0° 20' 19" W

N89°27'00"E

89°48'44"

90°07'53"

89°54'06"

1:400
0 2.0 10.0
Meters

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (13)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	50

S.R. 546 (U.S. 92)

GILMORE AVE.

N 0° 33' 51" W

N 0° 24' 18" W

1 STORY MASONRY COMM. BLDG.
"FIRST EXPRESS CHINESE FAST FOOD"
GLASS ROOM

1 STORY MASONRY COMM. BLDG.
(VACANT)
GLASS ROOM

1-1 2 STORY MASONRY COMM. BLDG.
"WESTERN AUTO"

1-1 2 STORY MASONRY COMM. BLDG.
WESTERN AUTO

ASPH.

EXIST. SWK.

SIDEWALK

100 GM

50 WM

OE

EXIST. CB

EXIST. TYPE "F" CURB & GUTTER

CONC.

HEDGE

SHRUB

PALM

SIGN

200 SAN

350 RCP

900 RCP

3.048

6.358

5.814

7.620

7.2

17.716

15.240

15.195

STA. 251+67.658 ℄ SURVEY S.R. 546
STA. 30+00 ℄ SURVEY GILMORE AVE.

STA. 251+71.464 ℄ SURVEY S.R. 546
STA. 30+00 ℄ SURVEY GILMORE AVE.

REMOVE EXISTING SIDEWALK AND CONST NEW CURB CUT RAMP

ASPHALT PARKING

REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.

CONST. TYPE "F" CURB & GUTTER

251+14.901

251+21.146

251+34.000
SAN. MH 2.140 (LT.)

251+61.114

251+12.000

LIMITS OF GRINDING

RECONST FACE OF CURB INLET

TIE TO EXIST

CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR

℄ SURVEY

251

252

N89°27'00"E

90°00'51"

90°08'42"

EXIST. CONC. SEPARATOR

REMOVE EXIST. CONC. SEPARATOR

REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.

CONST. TYPE "F" CURB & GUTTER

251+00.716

251+05.041

251+18.240

REMOVE EXISTING SIDEWALK AND CONST NEW CURB CUT RAMP

251+65.323

251+77.098

LIMITS OF GRINDING

1.2 STEEL HANDRAIL

FENCE

ASPHALT

CANOPY

SHRUBS

2 STORY BRICK MOTEL
"MOTELORAMA"

1 STORY MASONRY COMM. BLDG.
"ENTERPRICE RENT-A-CAR"

PLAYGROUND

SPECIAL FENCE

1 STORY MASONRY GLASS RESTAURANT
"McDONALD'S"

MATCH LINE STA. 250+80 SEE PLAN (13)

MATCH LINE STA. 252+20 SEE PLAN (15)

1:400

0 2.0 10.0
Meters

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (14)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	51

STELLA AVE.

S.R. 546 (U.S. 92)

N 0°42'38" W

1 STORY MASONRY COMM. BLDG. (STRIP MALL)

"LAUNDROMAT"

"PUBLIX FISH"

"BEEPERS & ELECTRONICS"

"SUBWAY SANDWICHES"

1 STORY PRE-FABRICATED COMM. BLDG.

"KRYSTAL"

1 STORY BRICK/GLASS RESTAURANT

"TAPATIOS"

ELEVATED BILLBOARD

ASPHALT PARKING

REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.

REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP

CONST. CONC. SIDEWALK

PLANTER

GRASS

R/W

EXIST. SWK.

CONST. TYPE 'F' CURB & GUTTER

EXIST. TYPE 'F' CURB & GUTTER

EXIST. INLET

EXIST. CB

LIMITS OF GRINDING

6.480

5.697

150 WM

350 RCP

252+39.765

252+48.834

252+58.035

252+69.551

+02.560

+05.600

+45.740

+47.260

90°09'38"

253

℄ SURVEY

N89°27'00"E

EXIST. CONC. SEPARATOR

15.108

14.507

15.240

MATCH LINE STA. 252+20 SEE PLAN (14)

MATCH LINE STA. 253+60 SEE PLAN (16)

252+73.386

252+77.318

252+80.318

252+90.517

252+97.502

253+10.702

253+12.502

253+25.701

253+27.501

253+41.301

900 RCP CONC.

200 SAN

50 WM

7.2

STA. 252+65.405 ℄ SURVEY S.R. 546

STA. 30+00 ℄ SURVEY STELLA AVE.

REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.

CONST. CONC. SIDEWALK

EXIST. SAN. MH

1 STORY MASONRY RESTAURANT

"TACO BELL & KFC"

1 STORY FRAME BRICK RESTAURANT

"PIZZA HUT"

BM-82 CONC. MON. W/FDOT DISK
STA. 253+08.000, 21.200 RT.
ELEV. 45.210

SHRUBS

LOW SHRUBS

PALMS

PALM

OAK

FENCE TREES

ASPHALT PARKING

MCDONALD'S

1:400

0 2.0 10.0

Meters

REVISIONS												
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (15)

AWAITING SATISFACTORY QUALITY ASSURANCE REVIEW

FED correspondence change #00

DATE

BY

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	52

S.R. 546 (U.S. 92)

STA. 254+72.165 ℄ SURVEY S.R. 546
STA. 30+00 ℄ SURVEY LAKESHORE DR.

STA. 254+73.209 ℄ SURVEY S.R. 546
STA. 30+00 ℄ SURVEY LAKESHORE DR.

LAKESHORE DR.

N 0°12'50" E

N 0°26'10" W

N89°27'00"E

℄ SURVEY

254

MATCH LINE STA. 253+60 SEE PLAN (15)

MATCH LINE STA. 255+00 SEE PLAN (17)

1 STORY BRICK COM. BLDG. "CDB PIZZA ITALIAN RESTURANT"

1 STORY MASON & BRICK COM. BLDG. "WAFFLE HOUSE"

1 STORY BRICK BLDG. "7 ELEVEN"

1 STORY BRICK BLDG. "LAKELAND AUTO TRIM"

1 STORY MASON COM. BLDG. "STEAK 'N SHAKE"

1 STORY METAL COM. BLDG. "ARBY'S"

3 300 OAK TREES

ASPHALT PARKING

ASPH.

PLANTER

SHRUBS

PALM TREE

PALMETTO

SMALL GROUP OF PALMS

GROUP OF PALMS

2 SMALL OAK TREES

2-460 OAK TREES

BOTTLE BRUSH TREE

LOW SHRUBS

TREES

5' CONC. BLK. WALL WITH 1.2 C.L. FENCE

1.2 C.L.F.

ELEV. SIGN

SIGN

PUMPS CANOPY

R/W

EXIST. SWK.

EXIST. FENCE

EXIST. SAN. MH

EXIST. MH

EXIST. CB

EXIST. TYPE "F" CURB & GUTTER

CONST. TYPE "F" CURB & GUTTER

CONST. CONC. SIDEWALK

REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.

REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP

REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP

REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP

REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.

LIMITS OF GRINDING

EXIST. CONC. SEPARATOR

EXIST. "FENCE

9.0

7.2

10.8

5.6

9.144

10.868

9.906

9.906

253+70.871

253+85.858

253+93.704

254+04.426

254+23.064

254+24.384

254+37.503

254+43.132

254+59.867

254+61.638

254+67.339

254+67.389

254+79.032

254+02.883

254+16.077

254+45.189

254+56.822

254+78.935

254+82.340

254+85.618

+85.740

+88.790

+90.620

+93.670

+85.369

+83.254

2.13x1.24 CBC

2.13x1.22 CBC

2.75x1.22 CBC

2.75x1.22 CBC

14.481

15.240

15.240

350 RCP

900 RCP

900 RCP

350 RCP

200 SAN

250 FM

150 WM

50 WM

760 WM

-BT-

-OE-

-CONC.-

S-10

S-11

1:400

0 2.0 10.0

Meters

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (16)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	53

MORGAN AVE.

N 0°23'10"W

S.R. 546 (U.S. 92)

1 STORY BRICK BLDG. "LAKELAND AUTO TRIM"

1 STORY MASON COM. BLDG. "MEMORIAL ELVIS CARWASH"

EMPTY PLANTER

CANOPY

1½ STORY BRICK COM. BLDG. "YOUNG HAIR BEAUTY SUPPLY"

2 STORY MASON COM. BLDG. "MOTEL"

1 STORY MASON COM. BLDG. "MOTEL OFFICE & RESTAURANT" "HOLIDAY INN"

TREES

ASPH.

FENCE

1.8 CHAIN LINK

OAK

PLANTER & SIGN

1:400

0 2.0 10.0 Meters

REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.

REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP

REMOVE EXISTING SIDEWALK AND CONST NEW CURB CUT RAMP

CONST. CONC. SIDEWALK

7.620

7.620

2.5

+87.405

+89.243

3.293

+97.126

R/W

200 SAN

30 GM

50 GM

150 WM

BT

EXIST. SWK.

CONC.

EXIST. STM. MH

EXIST. SAN. MH

EXIST. CB

350 RCP

600 RCP

PALM

EXIST. TYPE "F" CURB & GUTTER

15.240

255+33.237

255+49.432

255+57.945

CONST. TYPE "F" CURB & GUTTER

LIMITS OF GRINDING

REMOVE EXIST. CONC. SEPARATOR

CONST. CONC. SIDEWALK

255+96.657 2.140 (LT.)

256

256+01.957 2.140 (LT.)

256+16.500 2.140 (LT.)

℄ SURVEY

255+47.500 0.940 (LT.)

255+62.500 2.140 (LT.)

N89°27'00"E

89°50'10" 0.6 R

CR 15.0

CR =15.000 0.6 R

255+78.223 0.940 (LT.)

255+88.916 2.140 (RT.)

255+94.231 2.140 (RT.)

256+12.177 2.140 (RT.)

255+28.000 2.140 (RT.)

CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR

1200 RCP

600 RCP

MATCH LINE STA. 255+00 SEE PLAN (16)

MATCH LINE STA. 256+40 SEE PLAN (18)

CONST. TYPE "F" CURB & GUTTER

255+07.542

255+20.742

255+22.824

+31.509

+34.557

250 SAN

PALMETTO

PALM

EXIST. SWK.

7.2

REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.

EXIST. SAN. MH

CONST. CONC. SIDEWALK

1325x3100 ECMP

300 CLAY

200 WM FENCE

1200x350 ECMP

5.494

CANOPY

EXIST. STM. MH

CURB INLET CATCH BASIN

STA. 255+73.055 ℄ SURVEY S.R. 546

STA. 30+00 ℄ SURVEY MORGAN AVE.

DRAINAGE DITCH

CANOPY NO PUMPS

1 STORY PRE-FAB W. CONC. BLK. GLASS

"YARD AUTO SALES"

1½ STORY CONC. & MASON BLDG. "SHOPPING CENTER"

"MEMORIAL PLAZA"

ASPH. PARKING

BM-83 CONC. MON. W/FDOT DISK
STA. 255+08.000, 27.900 LT.
ELEV. 41.385

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (17)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	54

1:400

0 2.0 10.0

Meters

S.R. 546 (U.S. 92)

1 STORY MASON COM. BLDG. "MOTEL OFFICE & RESTAURANT" "HOLIDAY INN"

1 STORY MASON COM. BLDG. VACANT STORE (OLD WARD'S AUTO CTR.)

FENCE

ASPH.

OAK TREE SHRUBS

100 WM FIRE LINE

150 WM FIRE LINE

DITCH R/W LINE PER R/W MAP SECTION 1610-201 MABEL AVE. (CLOSED)

REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP

ASPH. 256+58.005 256+72.760 1.900 JB

50 GM

BEGIN HANDRAIL +73.4

END HANDRAIL +84.0

REMOVE EXISTING PAVEMENT

BEGIN HANDRAIL +15.7

ASPH.

OAK TREE

CONC. SIGN

R/W

150 WM

END HAND-RAIL +27.9

EXIST. SWK.

BT

PALM

PALM 1.600 RCP

EXIST. STM. MH

LIMITS OF GRINDING 256+74.639

750 RCP

256+87.197

REMOVE EXISTING PAVEMENT

257+13.179

CONST. CONC. SIDEWALK WITH SPECIAL ALUMINUM HANDRAIL. SEE TYPICAL SECTION FOR DETAILS.

257+31.781

CONST. TYPE "F" CURB & GUTTER

EXIST. TYPE "F" CURB & GUTTER

CONST. CONC. SIDEWALK WITH SPECIAL ALUMINUM HANDRAIL. SEE TYPICAL SECTION FOR DETAILS.

257

256+59.001 2.140 (LT.)

SOD MEDIAN

CONST. TYPE "B" CURB

256+44.000 0.940 (RT.)

℄ SURVEY

256+90.000 0.940 (LT.)

CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR

257+15.000 0.940 (LT.)

EXIST. CONC. SEPARATOR

256+75.000 2.140 (RT.)

REMOVE EXIST. CONC. SEPARATOR

REMOVE EXIST. CONC. PAVT. SEE DETAIL ON SHEET 12

MATCH LINE STA. 256+40 SEE PLAN (17)

15.240

REMOVE EXIST. CONC. PAVEMENT

CONST. TYPE "F" CURB & GUTTER

RELOCATE INLET

EXIST. SAN. MH

257+24.267 S-12

250 SAN

EXIST. TYPE "F" CURB & GUTTER

250 SAN

OE

EXIST. SWK.

CURB INLET CATCH BASIN

1200 RCP

R/W

CURB INLET CATCH BASIN

150 WM

300 RCP

CONST. 450 PIPE

900 RCP

BEGIN HANDRAIL +26.4

150 WM

CONST. CONC. SIDEWALK WITH SPECIAL ALUMINUM HANDRAIL. SEE TYPICAL SECTION FOR DETAILS.

END HANDRAIL +38.0

MATCH LINE STA. 257+40 SEE PLAN (19)

ASPH.

PALM TREES

PALM

PALM

PALM

PALM

200 SAN

ASPH. PARKING

ASPH. PARKING

AQUALIFI WATER QUALITY ASSURANCE REVIEW

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (18)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	55

S.R. 546 (U.S. 92)

LIGUSTRUM
250 OAKS
LIGUSTRUMS
OAK TREES
2-200 MAGNOLIAS
ASPH.
OAKS & LARGE SHRUBS
PLANTER & SIGN
PLANTER WITH 3-200 MAGNOLIAS
ASPH. PARKING FOR "LAKELAND MALL"
SHRUBS
1400
0 2.0 10.0
Meters

EXIST. CB
150 WM
EXIST. SWK.
BT
750 RCP
EXIST. TYPE "F" CURB & GUTTER
EXIST. STM. MH
REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP
LIMITS OF GRINDING
450 RCP
R/W
EXIST. STM. MH
EXIST. TYPE "F" CURB & GUTTER
258+54.643
CONST. TYPE "F" CURB & GUTTER
15.240
MATCH LINE STA. 257+40 SEE PLAN (18)
MATCH LINE STA. 258+60 SEE PLAN (20)
EXIST. CONC. SEPARATOR
258
℄ SURVEY
N89°27'00"E
30
REMOVE EXIST. CONC. PAVEMENT AND CURB & GUTTER
CONST. 450 PIPE
CONST. CONC. PAVT.
S-14
CONST. TYPE "F" CURB & GUTTER
257+63.299
3.627 (RT.)
257+63.307
10.406 (RT.)
LIMITS OF GRINDING
257+91.128
3.708 (RT.)
257+91.071
9.667 (RT.)
EXIST. CB
EXIST. SAN. MH
EXIST. TYPE "F" CURB & GUTTER
258+45.000
2.140 (RT.)
CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR
REMOVE EXIST. CONC. SEPARATOR
450 RCP
257+64.632
200 SAN
150 WM
EXIST. SAN. MH
EXIST. SWK.
OE
+41.660
S-13
CONST. CONC. SIDEWALK
9.000 R
CONST. 2.4 OF 450 RCP
CONC.
RELOCATE POLE (BY OTHERS)
CANOPY w/ ONE GAS PUMP
REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP
STA. 257+78.757 ℄ SURVEY S.R. 546
STA. 30+00 ℄ SURVEY INGRAHAM AVE.
+10.000
+12.000
CONST. CONC. SIDEWALK
R/W
EXIST. STM. MH
MYRTLES
OAKS
ASPH.
OAK TREES
AZALEAS
INGRAHAM AVE.
N 0°07'19"W
200 WM
EXIST. CB
EXIST. SAN. MH
MAGNOLIAS
10.058
10.058
1-STORY MASONRY COM. BLDG. "VIDEO STORE" (OLD SEARS AUTO CTR)
1-STORY BRICK COM. BLDG. SECOND DISTRICT COURT OF APPEALS
CONC. PAVT. WIDENING

EQUAL (E) CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (19)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	56

S.R. 546 (U.S. 92)

1" = 400'

0 2.0 10.0 Meters

CONST. CONC. SIDEWALK WITH SPECIAL ALUMINUM HANDRAIL. SEE TYPICAL SECTION FOR DETAILS.

BEGIN HANDRAIL +72.3 +69.148

END HANDRAIL +85.0

150 WM

S-16

S-17

EXIST. STM. MH

450 RCP

EXIST. CB

S-15 CONST. TYPE "F" CURB & GUTTER

CONST. 375 PIPE

258+92.906

+84.967

REMOVE EXIST. PAVT. AND REPLACE W/SOD

1.8 CONC. BLOCK WALL

75 WM

25 WM

SIGN

STORE SIGN

1 STORY MASON COM. BLDG. "CHAMPION RENT TO OWN"

1 STORY MASON COM. BLDG. "VACANT"

1½ STORY MASON COM. BLDG. "SLEEP CENTER"

1 STORY METAL COM. BLDG.

SIDEWALK

250 OAK

ASPH.

PALMETTO

CONC. FOOTER

REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.

EXIST. SWK.

CONC.

EXIST. CB

259+65.861

CONST. TYPE "F" CURB & GUTTER

259

258+82.000 2.140 (LT.)

258+67.000 0.940 (RT.)

SOD MEDIAN

REMOVE EXIST. CONC. SEPARATOR

259+47.065 2.140 (LT.)

0.6 R

24.0 R

℄ SURVEY

N89°27'00"E

CONST. TYPE B CURB

REMOVE EXIST. CONC. PAVT. SEE DETAIL ON SHEET 12.

259+40.807 2.140 (RT.)

259+60.072 2.140 (RT.)

259+82.072 2.140 (RT.)

CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR

15 CR

MATCH LINE STA. 258+60 SEE PLAN (19)

MATCH LINE STA. 260+00 SEE PLAN (21)

15.240

BT

200 SAN

F

RE

EXIST. TYPE "F" CURB & GUTTER

EXIST. SAN. MH

R/W

MYRTLES

SIGN

FLAG

SHRUBS

AZALEAS

BM-84 CONC. MON. W/FDOT DISK
STA. 258+69.000, 18.900 RT.
ELEV. 43.085

OAK TREES

DENSE TREES

CITRUS

PALM

PLANTER SHRUBS

1 STORY BRICK COM. BLDG. "SECOND DISTRICT COURT OF APPEALS"

1 STORY BRICK COM. BLDG. "FLORIDA CITRUS OFFICE"

PALMS

PALM THEE

VOID

AQUALITY CONTROL QUALITY ASSURANCE REVIEW

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (20)

FINANCIAL PROJECT ID	STATE PROJ. NO.	NO.
197604-1-52-01	16100-3515	56

1.200 TRAFFIC SEPARATOR
0.500
0.250
R = 0.600
PLAN LOCATION

MEDIAN SLOT FOR DRAINAGE
N.T.S.

S.R. 546 (U.S. 92)

1.8 CONC. BLOCK WALL
+75 WM
+25 WM
ASPH.
1 STORY MASON COM. BLDG. "CHAMPION RENT TO OWN"
1 STORY MASON COM. BLDG. "VACANT"
1½ STORY MASON COM. BLDG. "SLEEP CENTER"
SIDEWALK
1 STORY METAL COM. BLDG. "_____"
SIDEWALK
250 OAK
250 OAK
200 OAK
N
1:400
0 2.0 10.0
Meters

CONST. CONC. SIDEWALK WITH SPECIAL ALUMINUM HANDRAIL. SEE TYPICAL SECTION FOR DETAILS.
END HANDRAIL +85.0
BEGIN HANDRAIL +72.3
+69.148
50 WM
S-16
REMOVE EXIST. PAVT. AND REPLACE W/SOD
SIGN
STORE SIGN
SIGN
SIGN FOOTER
ASPH.
PALMETTO
R/W
150 WM
+84.967
EXIST. SWK.
CONC.
450 RCP
S-17
EXIST. STM. MH
CONC.
450 RCP
EXIST. CB
CONC.
150 WM
REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.
S-15 CONST. TYPE "F" CURB & GUTTER
CONST. 375 PIPE
EXIST. CB
258+92.906
EXIST. TYPE "F" CURB & GUTTER
259+65.861
CONST. TYPE "F" CURB & GUTTER
259
OE
MATCH LINE STA. 258+60 SEE PLAN (19)
BT
15.240
350 RCP
258+67.000
0.940 (RT.)
258+82.000
2J40 (LTJ)
SOD MEDIAN
REMOVE EXIST. CONC. SEPARATOR
℄ SURVEY
N89°27'00"E
259+47.065
2J40 (LTJ)
0.6 R
350 RCP
0.6 R
CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR
N89°27'00"E
15.240
MATCH LINE STA. 260+00 SEE PLAN (21)
CONST. TYPE B CURB
REMOVE EXIST. CONC. PAVT. SEE DETAIL ON SHEET 12.
259+40.807
2J40 (RTJ)
0.6 R
24.0 R
15 CR
259+60.072
2J40 (RTJ)
REMOVE EXIST. CONC. SEPARATOR
REMOVE EXIST. CONC. SEPARATOR
259+82.072
2J40 (RTJ)
+95
CONSTRUCT MEDIAN SLOT (SEE DETAIL THIS SHT.)
CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR
EXIST. CB
EXIST. TYPE "F" CURB & GUTTER
EXIST. SAN. MH
EXIST. SAN. MH
CONC.
BT
200 SAN
EXIST. SWK.
150 WM
R/W
OE
MYRTLES
FLAG
SHRUBS
SIGN
FLAG
AZALEAS
ASPH.
AZALEAS
BW-84 CONC. MON. W/FDOT DISK
STA. 258+69.000, 18.900 RT.
ELEV. 43.085
OAK TREES
DENSE TREES
EXIST. SWK.
CITRUS
CITRUS
CITRUS
CITRUS
PALM
PALM
PALM
PALM
PALM
ASPH.
PALMS
PALMS
SHRUBS
PALM TREE
PLANTER SHRUBS
SHRUBS
1½ STORY BRICK COM. BLDG. "SECOND DISTRICT COURT OF APPEALS"
1 STORY BRICK COM. BLDG. "FLORIDA CITRUS OFFICE"

RECEIVED
JAN 20
MK/CENTENNIAL

Faller, Davis & Associates, Inc.
550 N. Reo Street Suite 301
Tampa, Florida 33609-1037
Cert. of Authorization No. 5864

EQUALITY CONTROL/QUALITY ASSURANCE REVIEW
Differential Ready for Checking — DATE
O.C. CHECKED (Corrections Ready for Drawing) — DATE
O.C. BACK CHECKED (Corrections Incorporated) — DATE
QUALITY CONTROL/QUALITY ASSURANCE REVIEW (Corrections Made & Ready for Tracing) — DATE

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
01-13-00	NRF	ADDED MEDIAN SLOTS FOR DRAINAGE									

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (20)

1/10/00

S:\dm\
N:\000\dgn\pln20.dgn
Tue Jan 18 16:24:44 2000
Location\Notes\shelly.ND

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	57

CURVE ℄ SURVEY
PI STA. = 261+92.701
DELTA = 23°47'10" (RT)
T = 183.898
L = 362.499
R = 873.189
PC STA. = 260+08.803
PT STA. = 263+71.302
'e' = NC

S.R. 546 (U.S. 92)

OLD MALL

EXIST. SWK.

EXIST. SWK.

1 STORY MASON COM. BLDG.

"1 HOUR KODAK"

1:400

0 2.0 10.0 Meters

REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.

CONST. CONC. SIDEWALK

ASPH.

SHRUBS

5-250 OAKS

4-250 OAKS

200 OAK

PALM

+04.319

+24.565

150 WM

EXIST. SWK.

150 WM

R/W

SHRUBS

ASPH.

+07'

+22'

LIMITS OF GRINDING

EXIST. CB

EXIST. TYPE "F" CURB & GUTTER

150 CONC.

CONST. TYPE "F" CURB & GUTTER

260+27.663

MATCH LINE STA. 260+00 SEE PLAN (20)

15.240

50

REMOVE EXIST. CONC. SEPARATOR

260+45.000
0.940 (RT.)

260+60.000
2.140 (LT.)

SOD MEDIAN

261

CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR

15.240

℄ SURVEY

CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR

CONST. TYPE B CURB

260+96.000
2.140 (RT.)

261+11.000
0.940 (RT.)

REMOVE EXIST. CONC. PAVT. SEE DETAIL ON SHEET 12.

350 RCP

VOID

REMOVE EXIST. CONC. SEPARATOR

MATCH LINE STA. 261+20 SEE PLAN (22)

18.288

EXIST. SAN. MH

EXIST. TYPE "F" CURB & GUTTER

CONC.

200 SAN

150 WM

EXIST. SWK.

OE

150 WM

CONC.

EXIST. CB

BT

R/W

BT

BT

450 RCP

PC STA. 260+08.803

1150 OAK

CITRUS

ASPH.

VOID

PALMS

ASPH.

BILLBOARD

LOT BILLBOARD

"WINDEMERE" MANUFACTURED HOUSING DISPLAY LOT

PALMS

CITRUS

SHRUBS

ASPH.

"WINDEMERE" MANUFACTURED HOUSING DISPLAY LOT

VOID

1 STORY BRICK COM. BLDG.

"FLORIDA CITRUS OFFICE"

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

"ED CONSTRUCTION DOCUMENTS"

DATE

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (21)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	57

CURVE ℄ SURVEY

PI STA. = 261+92.701
DELTA = 23°47'10" (RT.)
T = 183.898
L = 362.499
R = 873.389
PC STA. = 260+08.803
PT STA. = 263+71.302
"e" = NC

S.R. 546 (U.S. 92)

OLD MALL

EXIST. SWK.

EXIST. SWK.

1 STORY MASON COM. BLDG.

"1 HOUR KODAK"

1:400

0 2.0 10.0 Meters

REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.

CONST. CONC. SIDEWALK

ASPH.

SHRUBS

5-250 OAKS

200 OAK

PALM

+04.319

+24.565

+07

+22

150 WM

EXIST. SWK.

ASPH.

4-250 OAKS

R/W

SHRUBS

ASPH.

150

CONC.

LIMITS OF GRINDING

EXIST. TYPE "F" CURB & GUTTER

EXIST. CB

260+27.663

CONST. TYPE "F" CURB & GUTTER

CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR

+83

261

CONSTRUCT 0.500 MEDIAN SLOT (+20)

15.240

50

REMOVE EXIST. CONC. SEPARATOR

260+45.000 0.940 (RT.)

260+60.000 2.140 (LT.)

℄ SURVEY

CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR

+44

CONSTRUCT 0.500 MEDIAN SLOT SEE DETAIL SHEET 56 (TYPICAL)

CONSTRUCT 0.500 MEDIAN SLOT

350 RCP

REMOVE EXIST. CONC. SEPARATOR

MATCH LINE STA. 260+00 SEE PLAN (20)

MATCH LINE STA. 261+20 SEE PLAN (22)

15.240

16.764

EXIST. SAN. MH

EXIST. TYPE "F" CURB & GUTTER

EXIST. CB

CONC.

200 SAN

EXIST. SWK.

150 WM

OE

BT

R/W

PC STA. 260+08.803

450 RCP

1150 OAK

CITRUS

PALMS

ASPH.

BILLBOARD

LOW BILLBOARD

"WINDEMERE" MANUFACTURED HOUSING DISPLAY LOT

SHRUBS

1 STORY BRICK COM. BLDG.

"FLORIDA CITRUS OFFICE"

RECEIVED
JAN 20
MK/CENTENNIAL

Faller, Davis & Associates, Inc.
550 N. Reo Street Suite 301
Tampa, Florida 33609-1037
Cert. of Authorization No. 5864

ITEM: CONCURRENCE TRED CHGD TO CONCUR TRITON (CHGD'S QA TST) DATE
CHANGE INCORPORATION TRITON WRIGHTSHEET DATE
D.E.: Rick Sheffer (Green Check or Circle & Remark Incorrect) Date

EQUALITY CONTROL/QUALITY ASSURANCE REVIEW
CHECKLIST(Initial) DATE
C.C.: CHECKED (Correct Errors Through Red) DATE

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
01-13-00	NRF	ADDED MEDIAN SLOTS FOR DRAINAGE. REMOVED SODDED MEDIAN, ADDED 1.2 TRAFFIC SEPARATOR									

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (21)

1/18/00

S:\Um\n2504\plans\d2.dgn
Tue Jan 18 16:13:31 2000
USER: rhess

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	58

CURVE ℄ SURVEY
PI STA. = 261+92.701
DELTA = 23°47'10" (RT)
T = 183.898
L = 362.499
R = 873.189
PC STA. = 260+08.803
PT STA. = 263+71.302
'e' = NC

S.R. 546 (U.S. 92)
LAKE PARKER AVE.
VOID
STA. 261+83.101 ℄ SURVEY S.R. 546
STA. 30+00 ℄ SURVEY LAKE PARKER AVE.
℄ SURVEY
REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.
CONST. TYPE "F" CURB & GUTTER
EXIST. SWK.
EXIST. CB
LIMITS OF GRINDING
261+25.194
261+41.820
261+48.579
261+61.987
CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR
261+50.000
2.140 (LT.)
REMOVE EXIST. CONC. SEPARATOR
EXIST. CONC. SEPARATOR
261+69.124
9.667 (RT.)
EXIST. TYPE "F" CURB & GUTTER
EXIST. TYPE "F" CURB & GUTTER WITH SIDEWALK
EXIST. STM. MH
600 RCP
450 RCP
350 RCP
261+69.124
583.299 (RT.)
30+30.901
9.301 (LT.)
30+28.334
9.214 (LT.)
MATCH LINE STA. 261+20 SEE PLAN (21)
MATCH LINE STA. 262+40 SEE PLAN (23)
MATCH LINE STA. 29+50 SEE LAKE PARKER AVE. PLAN
SAW CUT AND REMOVE NOSES OF EXISTING CONCRETE SEPARATOR. CONSTRUCT NEW CONCRETE SEPARATOR TO CLOSE MEDIAN OPENING.
STA. 262+39.498 ℄ SURVEY S.R. 546
STA. 30+00 ℄ SURVEY FORTNER AVE.
℄ SURVEY FORTNER AVE.
262+39.498
262+31.300
2.140 (RT.)
262+09.133
262+27.022
CONST. TYPE "F" CURB & GUTTER
REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.
CONST. CONC. SIDEWALK
50 WM
150 WM
"WINDEMERE" MANUFACTURED HOUSING DISPLAY LOT
MANUFACTURED HOUSING ON DISPLAY - LOCATIONS VARY
BM-85 CONC. MON. W/FDOT DISK
STA. 261+63.000, 31.500 RT.
ELEV. 44.020
"FARM CREDIT OF CENTRAL FLORIDA"
"AMOCO"
CANOPY
SHRUBS
YUCCA
14" PINE
1.5 C.L.F.
N 0°18'28" W
84°31'24"
95°28'36"
97°17'28"
1:400
0 2.0 10.0
Meters

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (22)

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	58

CURVE ℄ SURVEY
PI STA. = 261+92.701
DELTA = 23°47'10" (RT)
T = 183.898
L = 362.499
R = 873.189
PC STA. = 260+08.803
PT STA. = 263+71.302
"e" = NC

S.R. 546 (U.S. 92)
LAKE PARKER AVE.
1 STORY MASON COM. BLDG. "CIRCLE K"
1 STORY BRICK COM. BLDG. "FARM CREDIT OF CENTRAL FLORIDA"
CANOPY w/ PUMPS
ASPH.
SIGN
200 OAK
14" PINE
YUCCA
1.5 C.L.F.
SHRUBS
STA. 261+83.101 ℄ SURVEY S.R. 546
STA. 30+00 ℄ SURVEY LAKE PARKER AVE.
1:400
0 2.0 10.0
Meters
R/W
150 WM
50 WM
BT
BT(3)
OE
12.192
10.8
15.240
16.764
EXIST. SWK.
EXIST. CB
EXIST. TYPE "F" CURB & GUTTER
CONST. TYPE "F" CURB & GUTTER
EXIST. TYPE "F" CURB & GUTTER WITH SIDEWALK
REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.
CONST. CONC. SIDEWALK
LIMITS OF GRINDING
N 0° 18' 28" W
84°51'24"
95°28'36"
91°7'28"
262
℄ SURVEY
℄ SURVEY FORTNER AVE.
30+30.901 9.301 (LTJ)
30+28.334 9.214 (LTJ)
261+25.194
261+41.820
261+48.579
261+61.987
261+50.000 2.140 (LTJ)
261+69.124 9.667 (RT.)
261+69.124 3.299 (RT.)
262+09.133
262+09.225
262+27.022
262+31.300 2.140 (RTJ)
262+39.498
CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR
EXIST. CONC. SEPARATOR
REMOVE EXIST. CONC. SEPARATOR
CONST. 0.500 MEDIAN SLOT (+20) SEE DETAIL ON SHEET 56
SAW CUT AND REMOVE NOSES OF EXISTING CONCRETE SEPARATOR. CONSTRUCT NEW CONCRETE SEPARATOR TO CLOSE MEDIAN OPENING.
EXIST. STM. MH
350 RCP
600 RCP
450 RCP
MATCH LINE STA. 261+20 SEE PLAN (21)
MATCH LINE STA. 262+40 SEE PLAN (23)
MATCH LINE STA. 262+39.498 ℄ SURVEY S.R. 546 STA. 30+00 ℄ SURVEY FORTNER AVE.
MATCH LINE STA. 29+50 SEE LAKE PARKER AVE. PLAN
"WINDEMERE" MANUFACTURED HOUSING DISPLAY LOT
MANUFACTURED HOUSING ON DISPLAY - LOCATIONS VARY
BM-85 CONC. MON. W/FDOT DISK STA. 261+63.000, 31.500 RT. ELEV. 44.020
1 STORY PREFAB/MASON COM. BLDG. "AMOCO"
7.620

RECEIVED
JAN 20
MK/CENTENNIAL

Faller, Davis & Asociates, Inc.
550 N. Reo Street Suite 301
Tampa, Florida 33609-1037
Cert. of Authorization No. 5869

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE CHANGE INCORPORATION (Written Approval) DATE
D.E. BOX CHECKED (Green Check or Circle & Remark Incorrect) DATE
D.E. CHECKED (Correct Italics with Orange Pen)
ATION: CONCURRENCE "Red Check" to "Concur" Yellow "Leave as is" DATE

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
01-13-00	NRF	ADDED MEDIAN SLOT FOR DRAINAGE									

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS
FLORIDA DEPARTMENT OF TRANSPORTATION
PLAN (22)
1/18/00

S:\Ulm
N:\Projects\22.dgn
Fri Jan 14 08:28:22 2000
I:\SURVEY\DGNFILES\UNITS.IN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	59

CURVE ℄ SURVEY
PI STA. = 261+92.701
DELTA = 23°47'10" (RT)
T = 183.898
L = 362.499
R = 873.189
PC STA. = 260+08.803
PT STA. = 263+71.302
'e' = NC

S.R. 546 (U.S. 92)

TREES
EXIST. FENCE
1 STORY BRICK MOTEL BLDG. "ECONOMO INN OF LAKELAND"
SHRUBS
CITRUS
PALMS
PALM
POOL
OAKS
1 STORY MASONRY BLDG. "MOTEL OFFICE"
1.2 C.L.F.
SHRUBS
ASPH.
6.0
EXIST. FENCE
SIGN
R/W
EXIST. SWK.
+60.370
+69.270
EXIST. CB
CONST. CONC. SIDEWALK
CONC.
150 WM
EXIST. CB
262+57.397
CONST. TYPE 'F' CURB & GUTTER
262+69.270
REMOVE EXIST. CONC. PAVT. SEE DETAIL ON SHEET 12.
EXIST. TYPE 'F' CURB & GUTTER
262+83.000
2.140 (LT.)
263
SOD MEDIAN
REMOVE EXIST. CONC. SEPARATOR
℄ SURVEY
15.240
30
CONST. TYPE B CURB
262+68.000
0.940 (RT.)
CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR
350 RCP
LIMITS OF GRINDING
262+55.884
262+64.231
262+75.663
262+92.499
EXIST. TYPE 'F' CURB & GUTTER
CONC.
600 RCP
600 RCP
600 RCP
750 RCP
EXIST. CB
CONST. TYPE 'F' CURB & GUTTER
EXIST. SWK.
OE
10.8
R/W
EXIST. CB
REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.
PALM
PLANTER
SHRUB
ASPH.
FORTNER AVE.
N 0°16'21" W
7.620
7.620
R/W
R/W
1½ STORY WOOD COM. REST. "RED FOX GRILL"
1 STORY BLOCK COM. REST. "JIMBO'S PIT BAR B-Q"
MATCH LINE STA. 262+40 SEE PLAN (22)
MATCH LINE STA. 263+60 SEE PLAN (24)

0 2.0 10.0
Meters

EQUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (23)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	60

CURVE ℄ SURVEY
PI STA. = 261+92.701
DELTA = 23°47'10" (RT)
T = 183.898
L = 362.499
R = 873.189
PC STA. = 260+08.803
PT STA. = 263+71.302
'e' = NC

STA. 264+06.654 ℄ SURVEY S.R. 546
STA. 30+00 ℄ SURVEY BUDDWOOD AVE.

S.R. 546 (U.S. 92)

BUDDWOOD AVE.

GOLCONDA RD.

MATCH LINE STA. 263+60 SEE PLAN (23)

MATCH LINE STA. 265+00 SEE PLAN (25)

BM-86 CONC. MON. W/FDOT DISK
STA. 264+53.000, 23.500 RT.
ELEV. 42.541

CONC. PAVT. WIDENING

0 2.0 10.0
Meters

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (24)

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	61

STA 265+11.923 ℄ SURVEY S.R. 546
STA 30+00 ℄ SURVEY N. GOLCONDA RD

S.R. 546 (U.S. 92)

STA. 265+39.229 ℄ SURVEY S.R. 546
STA. 30+00 ℄ SURVEY EDGEWATER BEACH DR.

STA. 265+39.229 ℄ SURVEY S.R. 546
STA. 20+00 ℄ SURVEY RELOCATED GOLCONDA RD.

1 STORY FRAME REST. BLDG. "RED LOBSTER"

2-150 OAKS

ELMS

PT Sta 30+45.959

PC Sta 30+33.468

EDGEWATER BEACH DR.

N 23°34'04"E

N 48°41'44"E

LAKE PARKER

CYPRESS

LARGE GROUP OF PALMS

0 2.0 10.0 Meters

8.417

6.804

R/W

ASPH.

50 WM

150 WM

150 FM

EXIST. SWK.

EXIST. CB

EXIST. TYPE "F" CURB & GUTTER

CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR

265+21.200
2.140 (LT.)

0.6 R

350 RCP

CR 15

15.240

LIMITS OF GRINDING

REMOVE EXIST. CONC. SEPARATOR

266

℄ SURVEY
S66°45'50"E

265+57.217
2.140 (RT.)

S66°45'50"E

CONST. TYPE "F" CURB & GUTTER

265+08.980

900 RCP

EXIST. STM. MH

265+24.490

265+45.466

265+32.701

1050 RCP

S-21

S-24

9.0 R

REMOVE EXIST. CONC. CURB & GUTTER

265+53.575

CONST. 450 PIPE

19+81.652

19+84.760
9.144 (RT.)

CONST. CONC. SIDEWALK

+13.000
+15.000
+18.000

19+81.712
10.170 (LT.)
19+81.712
9.144 (LT.)

S-22

S-23

REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP

REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.

REMOVE EXIST. ASPH. PAVT. TO LIMITS SHOWN

CONST. TYPE "F" CURB & GUTTER

CONSTRUCT TRANSITION TO EXISTING INLET

19+81.532

19+59.119
13.213 (LT)

+63.423

9.144

CONST. TYPE "F" CURB & GUTTER

CONSTRUCT TYPE F CURB

19+59.431

450 RCP

350 RCP

19+57.688
19.369 (LT.)
(RELOC. GOLCONDA)

13.6 R

0.6 R (TYP.)

CONST. TYPE "E" CURB & GUTTER

FOR ADDITIONAL DETAILS ON GOLCONDA RD.. SEE GOLCONDA ROAD PLAN/PROFILE SHEET.

4200 CAMPHOR

250 OAK

CONC. PAVT. WIDENING

BILLBOARD

RELOCATED GOLCONDA RD.

MATCH LINE STA. 265+00 SEE PLAN (24)

MATCH LINE STA. 266+40 SEE PLAN (26)

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (25)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	62

CURVE ℄ SURVEY

PI STA. = 268+44.158
DELTA = 31°00'37" (LT)
T = 107.663
L = 210.043
R = 388.084
PC STA. = 267+36.495
PT STA. = 269+46.539
'e' = NC

0 2.0 10.0
Meters

LAKE PARKER

S.R. 546 (U.S. 92)

9.144
EXIST. FENCE
EXIST. HEADWALL
CYPRESS
STA. 266+73.983 ℄ SURVEY S.R. 546
STA. 30+00 ℄ SURVEY N. GARY RD.
R/W
150 FM
BT
EXIST. CB
266+93.141
267+01.799
SHOULDER LINE
1.5
CONST. 1.5 PAVED SHOULDER
EXIST. TYPE "F" CURB & GUTTER
REMOVE CONC. SEPARATOR
EXIST. CONC. TRAFFIC SEPARATOR
266+64.163
0.940 (RT.)
0.6 R
15.240
267
℄ SURVEY
S66°45'50"E
PC STA. 267+36.496
MATCH LINE STA. 266+40 SEE PLAN (25)
MATCH LINE STA. 267+80 SEE PLAN (27)
CONST. 1.2 TYPE II CONC. TRAFFIC SEPARATOR
1050 RCP
66°26'35"
OE
200 WM
350 RCP
EXIST. STM. MH
EXIST. CB
600 RCP
LIMITS OF GRINDING
+44.000
+47.000
+56.000
+60.000
300 WM
EXIST. SWK.
CONST. CONC. SIDEWALK
CONC. PAVT. WIDENING
N. GARY RD.
N 0°19'15"W
EXIST. 300 WM
ASPH.
610 OAK
760 OAK
DENSE TREES
915 OAK
VICTORIA BRICK BLDG.
"PENINSULAR FLORIDA DISTRICT COUNCIL ASSEMBLIES OF GOD"
QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (26)

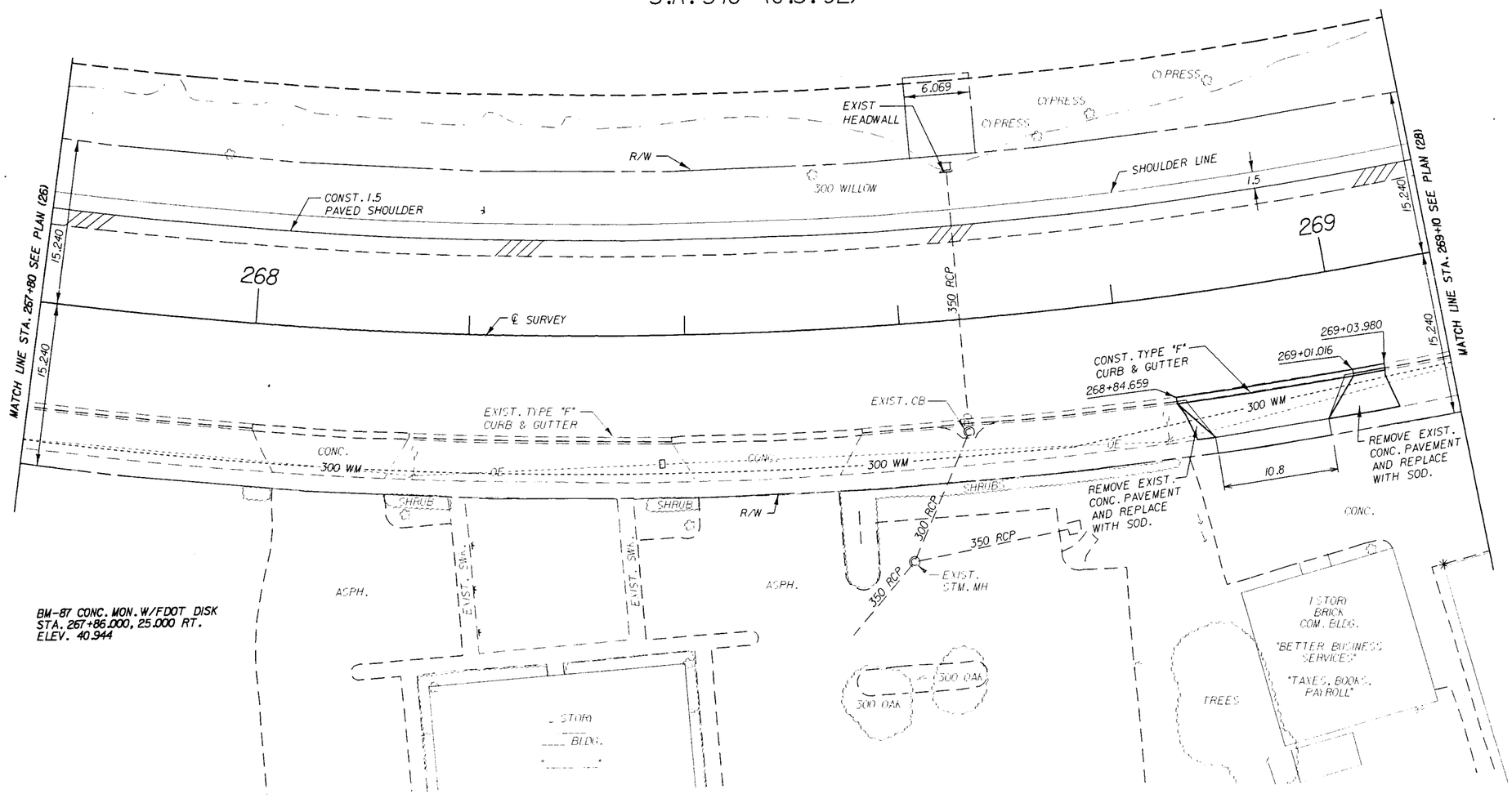
FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	63

CURVE ℄ SURVEY
PI STA. = 268+44.158
DELTA = 31°00'37" (LT)
T = 107.663
L = 210.043
R = 388.084
PC STA. = 267+36.495
PT STA. = 269+46.539
'e' = NC

LAKE PARKER

1400
0 2.0 10.0
Meters

S.R. 546 (U.S. 92)



QUALITY CONTROL QUALITY ASSURANCE REVIEW
DATE
"CEC Corrections Incorporated"

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (27)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	64

CURVE ℄ SURVEY

PI STA. = 268+44.158
DELTA = 31°00'37" (LT)
T = 107.663
L = 210.043
R = 388.084
PC STA. = 267+36.495
PT STA. = 269+46.539
"e" = NC

1:400
0 2.0 10.0
Meters

LAKE PARKER

EXIST. DOCK
LOW WOOD

S.R. 546 (U.S. 92)

WILLOW

R/W

SHOULDER LINE

CONST. 1.5
PAVED SHOULDER

1.5

15.240

PT STA.
269+46.539

270

℄ SURVEY

N82°13'33"E

MATCH LINE STA. 269+10 SEE PLAN (27)

CONST. TYPE "F"
CURB & GUTTER

269+12.602
269+25.468
269+27.268
269+39.268

EXIST. TYPE "F"
CURB & GUTTER

LIMITS OF
GRINDING

300 WM

CONC.

EXIST. CB

350 RCP

600 RCP

OE

EXIST. SWK.

7.2

5.0

CONC.

REMOVE EXIST. CONC. PAVEMENT
AND REPLACE WITH SOD.

2 STORY
CONC. BLK./STONE
MOTEL BLDG.

"RED CARPET INN"

ASPH.

EXIST. FENCE

POOL

PALM

REMOVE EXISTING
SIDEWALK AND
CONST. NEW CURB
CUT RAMP

1 STORY
CONC. BLK.
COM. BLDG.

"PHOTOGRAPHS
BY
ROBERT WOOD"

1 STORY
BRICK
REST.

"1522 MEMORIAL"

INTERLACHEN RD.

12.192

+15.000
+18.000

CONST. CONC.
SIDEWALK

REMOVE EXISTING SIDEWALK AND
CONST. NEW CURB CUT RAMP

610 MAGNOLIA

MATCH LINE STA. 270+40 SEE PLAN (29)

XQUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF
TRANSPORTATION

PLAN (28)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	65

CURVE ℄ SURVEY
PI STA. = 272+18.144
DELTA = 49°10'18" (RT)
T = 177.563
L = 333.057
R = 388.084
PC STA. = 270+40.581
PT STA. = 273+73.638
'e' = NC

LAKE PARKER

S.R. 546 (U.S. 92)

STA. 270+43.266 ℄ SURVEY S.R. 546
STA. 30+00 ℄ SURVEY INTERLACHEN RD.

1:400
0 2.0 10.0
Meters

6.096
EXIST. HEADWALL
R/W
SHOULDER LINE
1.5
CONST. 1.5 PAVED SHOULDER
271
℄ SURVEY
600 RCP
OE
15.240
PC STA. 270+59.181
MATCH LINE STA. 270+40 SEE PLAN (28)
97°02'54"
LIMITS OF GRINDING
EXIST. CB
EXIST. TYPE "F" CURB & GUTTER
EXIST. CB
600 RCP
300 WM
+42.000
CONC.
+49.000
300 WM
EXIST. SWK.
MATCH LINE STA. 271+80 SEE PLAN (30)
REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP
300 WM
150 WM
PALM
PALM
PALM
EXIST. SWK.
R/W
R/W
CONST. CONC. SIDEWALK
REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP
ASPH.
N 07°19'09" W.
50 WM
610 MAGNOLIA
915 OAK
INTERLACHEN RD.
1 STORY FRAME RES.
P.C.L. FENCE
FRAME GARAGE
1 STORY CONC. BLK. RES.
12.192

BM-88 CONC. MON. W/FDOT DISK
STA. 270+63.000, 24.500 RT.
ELEV. 40.969

EQUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (29)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	66

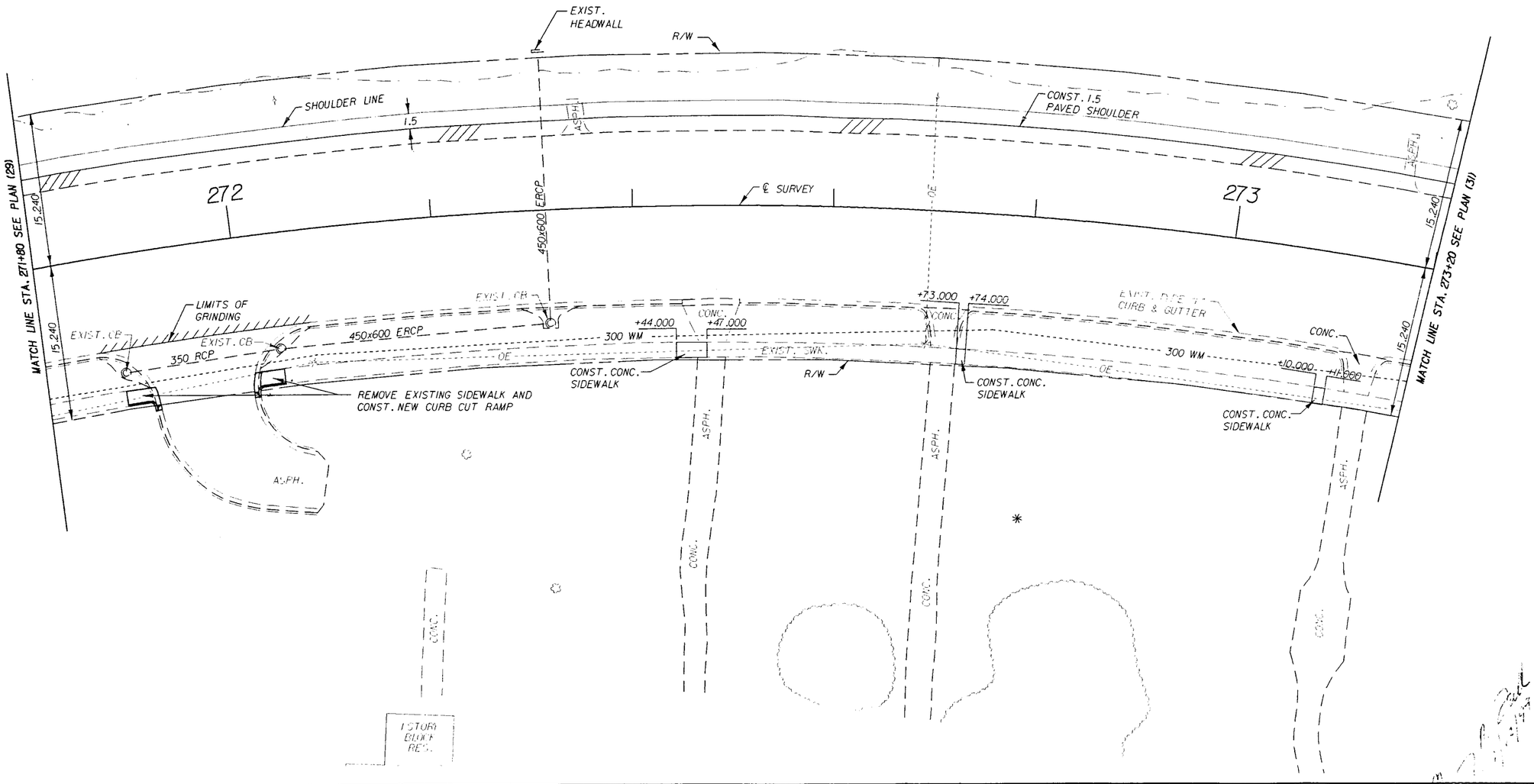
CURVE ℄ SURVEY

PI STA. = 272+18.44
DELTA = 49°10'18" (RT)
T = 177.563
L = 333.057
R = 388.084
PC STA. = 270+40.581
PT STA. = 273+73.638
'e' = NC

LAKE PARKER

S.R. 546 (U.S. 92)

0 2.0 10.0
Meters



REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (30)

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	67

CURVE ℄ SURVEY

PI STA. = 272+18.144
DELTA = 49°10'18" (RT.)
T = 177.563
L = 333.057
R = 388.084
PC STA. = 270+40.581
PT STA. = 273+73.638
'e' = NC

S.R. 546 (U.S. 92)

LAKE PARKER

SERTOMA PARK

PALM

OAK

CYPRESS

PINES

PICNIC SHELTER

1:400

0 2.0 10.0
Meters

6.096

STA. 274+09.049 ℄ SURVEY S.R. 546
STA. 30+00 ℄ SURVEY HOLLY AVE.

EXISTING INLET

ASPH. CONC. WIDENING

REMOVE EXIST. ASPH. PAVT.

CONST. END ANCHORAGE TYPE ET-2000

R/W

CONSTRUCT MISC. ASPHALT PAVEMENT

600 RCP

EXIST. FENCE

EXIST. HEADWALL

3.6

+44.617

+97.957

CONST. END ANCHORAGE TYPE ET-2000

SHOULDER LINE

R=8.000

1.5

CONSTRUCT GUARDRAIL

CONST. 1.5 PAVED SHOULDER

274

274+53.884
7.421 (LT)

15.240

℄ SURVEY

30

S48°36'09"E

274+09.049

PT STA. 273+73.638

107°17'54"

274+12.244

274+21.588

LIMITS OF GRINDING

50 WM

MATCH LINE STA. 273+20 SEE PLAN (30)

MATCH LINE STA. 274+60 SEE PLAN (32)

350 RCP

300 WM

EXIST. SWK.

EXIST. TYPE "F" CURB & GUTTER

EXIST. CB

REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP

REMOVE CONC. SLAB OVER DROPPED PAVED AREA EXCAVATE TO MID PIPE DIAMETER AND BACKFILL 0.3 METERS EACH SIDE OF PIPE WITH FLOWABLE FILL. REPLACE SLAB.

HOLLY AVE.

N 24°05'57"E

150 WM

HEDGE

PT Sta. 29+65.803

760 OAK

6-300 OAKS

1 STORY MASONRY COM. BLDG.

"FLORIDA FAVORITE FERTILIZER"

9.144

BM-89 CONC. MON. W/FDOT DISK
STA. 273+71.500, 24.000 RT.
ELEV. 40.586

OAKS

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (31)

DESIGN QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DESIGNER DATE
REVIEWER DATE

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	68

LAKE PARKER

GRASS

ASPH.

S.R. 546 (U.S. 92)

1:400

0 2.0 10.0

Meters

9.144

274+86.335

R=8.000

274+60.797

11.385 (LT.)

SAWCUT EXIST. PAVT.

CONST. ASPHALT DRIVE

8.000 R

SHOULDER LINE

CONST. 1.5 PAVED SHOULDER

R/W

EXISTING HEADWALL

1.5

4.0

+86.000

274+94.276

3.6

1.5

REMOVE EXISTING ASPHALT

SAWCUT EXIST. PAVT.

+98.000

7.315 LT.

275

+69.000

450 RCP

+84.000

7.315 LT.

CONST. 1.5 PAVED SHOULDER

15.240

℄ SURVEY

S48°36'09"E

MATCH LINE STA. 274+60 SEE PLAN (31)

MATCH LINE STA. 276+00 SEE PLAN (33)

LIMITS OF GRINDING

REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP

EXIST. TYPE "F" CURB & GUTTER

+65.000

+74.000

EXIST. CB

EXIST. STM. MH

EXIST. CB

350 RCP

350 RCP

350 RCP

300 WM

300 WM

300 WM

OE

EXIST. SWK.

OE

EXIST. SWK.

275+57.022

275+66.406

CONC.

ASPH.

CONST. CONC. SIDEWALK

R/W

350 RCP

REMOVE EXISTING SIDEWALK AND CONST. NEW CURB CUT RAMP

760 OAK

ASPH. CONC. WIDENING

BE

ASPH.

EXIST. FENCE

ASPH.

CONC.

1 STORY MASONRY COM. BLDG. "FLORIDA FAVORITE FERTILIZER"

CANOPY

BM-90 CONC. MON. W/FDOT DISK
STA. 275+92.000, 18.800 RT.
ELEV. 40.418

1 STORY COM. BLDG. "COMFORT INN"

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE	BY	DESCRIPTION

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (32)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	69

CURVE ℄ SURVEY
PI STA. = 278+91.766
DELTA = 24°11'57" (LT)
T = 166.390
L = 327.818
R = 776.168
PC STA. = 277+25.376
PT STA. = 280+53.194
'e' = NC

1:400
0 2.0 10.0
Meters

LAKE PARKER

S.R. 546 (U.S. 92)

END CONCRETE REHABILITATION
STA. 277+18.080

GRASS

R/W

SHOULDER LINE

CONST. 1.5 PAVED SHOULDER

CONST. END ANCHORAGE TYPE ET-2000

+38.130

1.5

15.240

277

℄ SURVEY

S48°36'09"E

PC STA. 277+25.376

ASPHALT PAVEMENT

CONCRETE PAVEMENT

MATCH LINE STA. 276+00 SEE PLAN (32)

MATCH LINE STA. 277+40 SEE PLAN (34)

CONST. TYPE 'F' CURB & GUTTER

EXIST. TYPE 'F' CURB & GUTTER

276+71.178

276+88.789

CONC.

300 WM

EXIST. SWK.

R/W

PALM

REMOVE EXIST. CONC. PAVEMENT AND REPLACE WITH SOD.

ASPH.

OLD SIGN BASE

ASPH.

I.S. TORO MASONRY COM. BLDG.

"PAPA JOHN'S"
YAMAHA & KAWASAKI
"FLORIDA'A FUN BIKE CENTER"

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

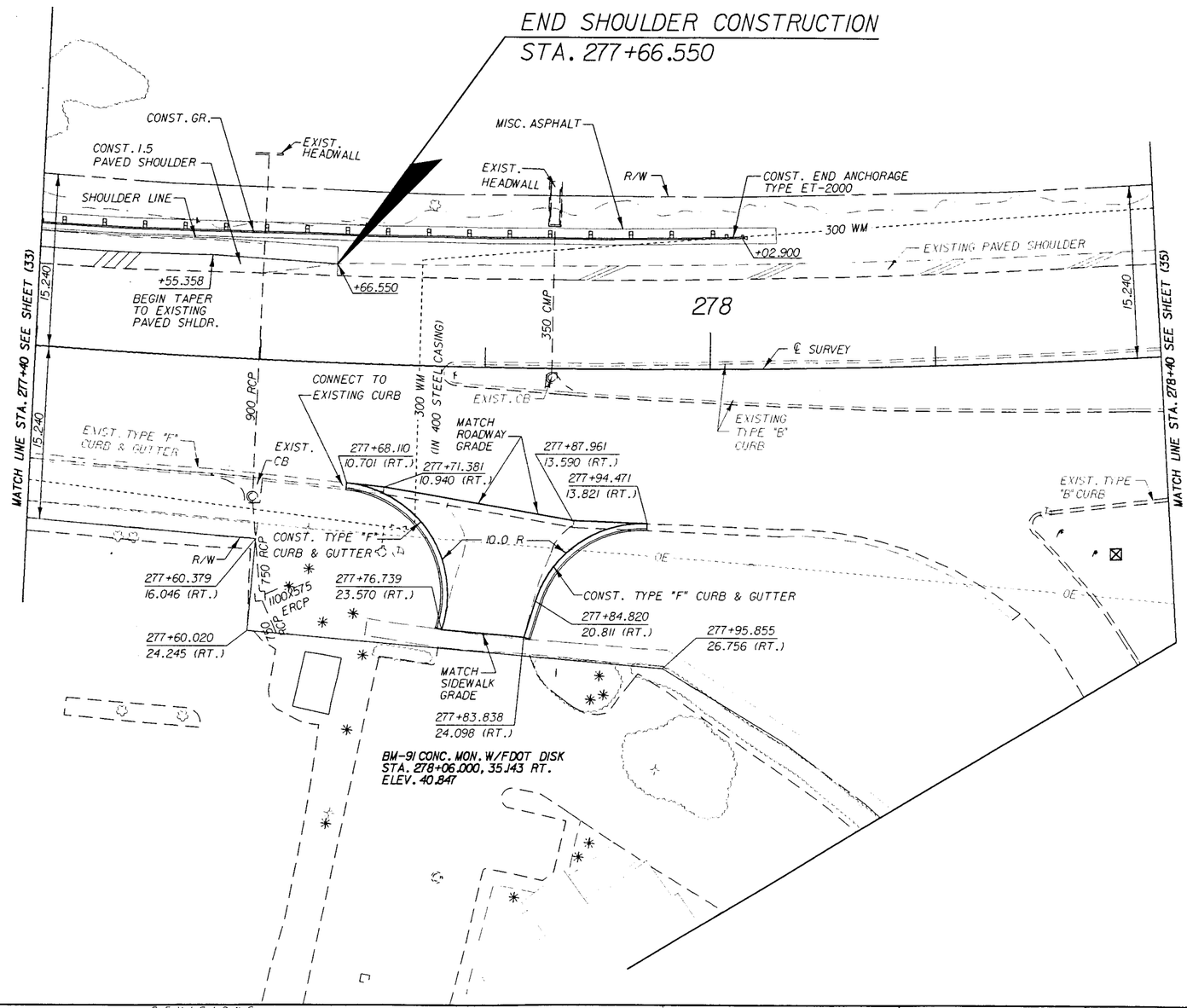
PLAN (33)

S.R. 546 (U.S. 92)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	70

CURVE ℄ SURVEY

PI STA. = 278+91.766
DELTA = 24°11'57" (LT)
T = 166.390
L = 327.818
R = 776.168
PC STA. = 277+25.376
PT STA. = 280+53.194
"e" = NC



1:400
0 2.0 10.0
Meters

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (34)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	71

S.R. 546 (U.S. 92)

EXIST. HEADWALL

MATCH LINE STA. 278+40 SEE SHEET (34)

MATCH LINE STA. 279+10 SEE SHEET (36)

CURVE ℄ SURVEY S.R. 546

PI STA. = 278+91.766
DELTA = 24°11'57" (LT.)
T = 166.390
L = 327.818
R = 776.168
PC STA. = 277+25.376
PT STA. = 280+53.194
'e' = NC

0 2.0 10.0
Meters

STA. 278+65.000 ℄ SURVEY S.R. 546 = STA. 30+00.000 ℄ SURVEY NEW E. GARY RD.

278+67.671
1.206 (LT.)

CONST. TYPE "B" CURB

EXIST. TYPE "B" CURB

REMOVE EXIST TYPE B CURB

278+76.389
8.140 (RT.)

278+72.576
5.800 (RT.)

278+68.727
5.724 (RT.)

278+80.285
13.100

CONST. TYPE "B" CURB

CONST. TYPE "F" CURB & GUTTER

SOD MEDIAN

WIDENING

REMOVE EXIST. TYPE "B" CURB

EXIST. HEADWALL

300 WM

R/W

7.345

15.240

450 RCP

278+59.606

PT Sta 29+89.709

S47°42'28"W

278+56.790

REMOVE EXIST CURB & GUTTER

EXIST. INLET AND CONC. PAVEMENT

29+84.232
3.600 (LT)

29+74.409
3.600 (RT)

29+36.815
5.928 (LT.)

29+29.736
3.600 (RT.)

29+37.190
3.600 (LT.)

29+41.733
4.800 (LT.)

29+41.260
4.800 (LT.)

29+36.815
5.928 (LT.)

29+42.957
3.600 (LT.)

29+40.000
3.600 (LT.)

29+37.190
3.600 (LT.)

EXISTING FLUME

R = 1.2000

CONST. TYPE "F" CURB & GUTTER

40.910

1.190 R

40.998

+40.0

41.070

40.940

DETAIL AT FLUME
NOT TO SCALE

℄ SURVEY RELOCATED GARY ROAD

CONST. TYPE "F" CURB & GUTTER

SEE DETAIL ABOVE: THIS SHEET

PALMS

74.868 R

3.6

WIDENING

41.336

+60.0

41.386

+60.0

ASPHALT

EXIST. TYPE "B" CURB

TO BE RELOCATED (BY OTHERS)

REMOVE EXIST. ASPH. PAVT. & TYPE B CURB & GUTTER

STA. 29+86.872
MATCH EXISTING

RETURN POINT

41.228

41.239 OE

41.248

41.295

41.342

41.360

41.284

41.324

41.334

41.314

41.264

41.212

41.019

41.036

41.041

41.076

41.100

13.100

5.0

6.0

EXIST. INLET AND CONC. PAVEMENT

E. GARY RD.

TO BE REMOVED

PROPOSED OE

REMOVE EXIST. ASPHALT PAVT

TO BE REMOVED & PLUGGED AT GRATE INLET

EXIST. CURB INLET

REMOVE EXIST. TYPE "F" CURB & GUTTER

EXIST. GRATE INLET

EXIST. 450 RCP

350 RCP

150 WM

500 WM

SOD

SOD AREA

ASPHALT

CONC. SIDEWALK

R/W

ASPH.

MATCH EXISTING ALONG SAW CUT

PC Sta 28+98.160

0+00.00

29

S85°00'19"E
SAW CUT
29+05.302
6.718 (RT.)

MATCH EXISTING STA. 29+00.00

N 77°01'05" E

1.78 R

29+04.107
8.881 (RT.)

40.914

40.920

PC

S 85°00'19" E

CURVE ℄ SURVEY RELOCATED GARY ROAD

PI STA. 29+47.425
DELTA = 52°27'13" (LT.)
T = 49.265
L = 91.549
R = 100.000
PC STA. 28+98.160
PT STA. 29+89.709
e VARIES; SEE CROSS SECTIONS

NOTE: FOR ADDITIONAL INFORMATION ON PROFILE. SEE EAST GARY ROAD PROFILE SHEET.

VOID

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (35)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	71

S.R. 546 (U.S. 92)

EXISTING FLUME

29+41.733 4.800 (LT.)

29+41.260 4.800 (LT.)

29+36.815 5.928 (LT.)

R = 1.2000

CONST. TYPE "F" CURB & GUTTER

℄ CONSTRUCTION GARY ROAD

40.926

29+42.957 3.600 (LT.)

1.190 R

℄ SURVEY RELOCATED GARY ROAD

R = 1.2000

29+40.000 3.600 (LT.)

PCC 29+42.957

29+37.190 3.600 (LT.)

40.998 +40.0

CONST. TYPE "F" CURB & GUTTER

41.070

40.940

DETAIL AT FLUME
NOT TO SCALE

EXIST. HEADWALL

MATCH LINE STA. 278+40 SEE SHEET (34)

15.240

STA. 278+60.923 ℄ SURVEY S.R. 546 = STA. 29+98.828 ℄ CONST. GARY RD.

STA. 278+65.000 ℄ SURVEY S.R. 546 = STA. 30+00.000 ℄ SURVEY RELOCATED GARY RD.

STA. 278+62.534 0.972 LT

STA. 278+62.197 0.126 RT

CONST. TYPE "B" CURB

EXIST. TYPE "B" CURB

GRASS

STA. 278+51.384 5.426 RT

STA. 278+56.881 12.400 (RT.)

STA. 278+54.091

REMOVE EXIST. CURB & GUTTER

0.6 R

20.400 R

60.0 R

41.150

1.650 R

450 RCP

41.212

29+83.962 3.611 (LT.)

41.284

EXIST. INLET AND CONC. PAVEMENT

41.324

℄ CONSTRUCTION GARY ROAD

41.334

PALMS

41.314

SEE DETAIL ABOVE; THIS SHEET

CONST. TYPE "F" CURB & GUTTER

41.264

3.6

29+74.948 3.600 (RT.)

41.338 +70.0

41.386 +65.0

41.336 +60.0

ASPHALT

TYPE "B" CURB

R/W

CONC. SIDEWALK

74.868 RT

29+36.815 5.928 (LT.)

WIDENING

40.926

29+29.736 3.600 (RT.)

1.190 R

29+37.190 3.600 (LT.)

40.998

PC Sta 28+98.160

+00.00

MATCH EXISTING ALONG SAW CUT

ASPH.

29

℄ SURVEY RELOCATED GARY ROAD

PCC 29+42.957

CONST. TYPE "F" CURB & GUTTER

40.940

41.070

PC

40.914

S85°00'19"E SAW CUT 29+05.302 6.718 (RT.)

MATCH EXISTING STA. 29+00.00 N 77° 01' 05" E

40.920

1.78 R

SOD

150 WM

500 WM

29+04.107 8.881 (RT.)

ASPHALT

1.2 C.L. FENCE

CURVE ℄ SURVEY RELOCATED GARY ROAD

PI STA. 29+47.425
DELTA = 52° 27' 13" (LT.)
T = 49.265
L = 91.549
R = 100.000
PC STA. 28+98.160
PT STA. 29+89.709
e VARIES; SEE CROSS SECTIONS

CURVE ℄ CONST. RELOCATED GARY ROAD

PI STA. 29+63.736
DELTA = 30° 58' 18" (LT.)
T = 20.779
L = 40.542
R = 75.000
PC STA. 29+42.957
PT STA. 29+83.499
e VARIES; SEE CROSS SECTIONS

CURVE ℄ SURVEY S.R. 546

PI STA. = 278+91.766
DELTA = 24°11'57" (LT.)
T = 166.390
L = 327.818
R = 776.168
PC STA. = 277+25.376
PT STA. = 280+53.194
"e" = NC

0 2.0 10.0 Meters

EXIST. HEADWALL

300 WM

R/W

REMOVE EXIST. TYPE B CURB

STA. 278+73.672 2.740 (RT.)

30

15.000 R

0.6 R

41.035

41.036 278+72.576 5.800 (RT.)

41.047

7.345

℄ SURVEY

CONST. TYPE "B" CURB

279

GRASS

41.078

SOD MEDIAN

WIDENING 41.100

15.240

MATCH LINE STA 279+40 SEE SHEET (36)

PT 510 29+89.709

PI 510 29+83.499

EXIST. TYPE "F" CURB & GUTTER

STA. 278+75.119 13.100 (RT.) RETURN POINT OF

STA. 278+65.621 4.555 (RT.)

450 RCP

REMOVE EXIST. TYPE "B" CURB 13.100

41.342

41.295 5.000 R

41.248

41.200

41.360 +75.0

℄ SURVEY RELOCATED GARY ROAD

STA. 29+86.872 MATCH EXISTING GRADE TO DRAIN

ASPHALT

EXIST. TYPE "B" CURB

REMOVE EXIST. ASPH. PAVT. & TYPE B CURB & GUTTER

350 RCP

CONST. TYPE "F" CURB & GUTTER

EXIST. INLET AND CONC. PAVEMENT

E. GARY RD.

GRADE TO DRAIN

29

S 85° 00' 19" E

ASPHALT

TO BE REMOVED & PLUGGED AT GRATE INLET

REMOVE EXIST. ASPHALT PAVT

EXIST. CURB INLET

REMOVE EXIST. TYPE "F" CURB & GUTTER

EXIST. GRATE INLET

EXIST. 450 RCP

150 WM

EXIST. GRATE INLET

SOD AREA

PALMS

500 WM

R/W

SOD AREA

15

NOTE: FOR ADDITIONAL INFORMATION ON PROFILE, SEE EAST GARY ROAD PROFILE SHEET.

RECEIVED
JAN 20
MK/CENTENNIAL

Faller, Davis & Asoclates, Inc.
550 N. Reo Street Suite 301
Tampa, Florida 33609-1037
Cert. of Authorization No. 5864

EQUALITY CONTROL/QUALITY ASSURANCE REVIEW
ORIGINATOR/Head, for Checking ..... DATE
O.C. CHECKER (Green Check or Circle & Remark Incorrect) ..... DATE
O.C. BACK CHECKER (Green Check or Circle & Remark Incorrect) ..... DATE

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
01-13-00	NRF	SHIFT GARY RD & MEDIAN OPENING AT S.R. 546									

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (35) 1/18/00

S:\Jim\N\Schematics\dgn
Tue Jan 18 16:15:44 2000
Admin\Projects\197604-1-52-01

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	72

CURVE ℄ SURVEY S.R. 546

PI STA. = 278+91.766
DELTA = 24°11'57" (LT)
T = 166.390
L = 327.818
R = 776.168
PC STA. = 277+25.376
PT STA. = 280+53.194
'e' = NC

S.R. 546 (U.S. 92)

POWER PLANT EQUIPMENT

POWER PLANT EQUIPMENT

POWER PLANT EQUIPMENT

UNDERGROUND UTILITIES LOCATED BY FLORIDA POWER & LIGHT COMPANY

0 2.0 10.0 Meters

600 RCP

HEDGE

600 RCP

R/W

CONC. BLOCK WALL

ASPHALT

300 WM

600 RCP

600 RCP

HEDGE

CHAIN-LINK FENCE

RADIO TOWER

SLAB

CHAIN LINK FENCE

CONC. BLOCK WALL

HEDGE

450 RCP

15.240

OE

300 WM

STA. 279+95.204 ℄ SURVEY S.R. 546 =
STA. 30+00.00 ℄ SURVEY OLD GARY ROAD

280

350 RCP

300 WM

15.263

PT STA. 280+53.194

MATCH LINE STA. 279+20 SEE SHEET (35)

REMOVE EXISTING PAVEMENT AND TYPE "B" CURB

CONST. TYPE "B" CURB

279+25.000
2.140 (RT.)

41.070

279+26.275

SOD MEDIAN

41.090

CONST. TYPE "B" CURB

279+25.857
5.800 (RT.)

℄ SURVEY S.R. 546

279+73.084

℄ SURVEY OLD GARY RD.

280+09.555

N20°25'10"E

13.100

16.182

280+34.638
13.100 (RT.)

279+19.299

41.241

279+33.253

EXIST. TYPE "F" CURB & GUTTER

S 85°00'19" E

279+66.108

41.072

279+80.061

CONST. TYPE "F" CURB & GUTTER

280+02.578

41.020

280+16.532

S-26

280+23.756
13.100 (RT.)

CURB INLET

S-25

OE

N26°34'02"E

CONSTRUCT CONCRETE DRIVEWAY

REMOVE EXIST. TYPE "F" CURB & GUTTER

CONSTRUCT CONCRETE DRIVEWAY

N23°08'44"E

GRATE INLET

150 WM

450 RCP

OE

R/W

CANOPY

GAS PUMPS UNDER CANOPY

"WEBB CAKE CAKE"

5.000

5.000

REMOVE EXIST. ASPHALT PAVT.

GRATE INLET

5.000

5.000

CONSTRUCT CONCRETE DRIVEWAY

END PROJECT
STA. 280+34.638

TO BE REMOVED

450 RCP

ASPHALT

OE

500 WM

300 WM

EXIST. GRATE INLET

450 RCP

TO BE REMOVED

ASPHALT

OE

500 WM

EXIST. GRATE INLET

E. GARY RD.

NOTE: FOR ADDITIONAL DETAILS ON DRIVEWAYS SEE DRIVEWAY PROFILE SHEET.

I.S.C.L. FENCE

I.S.C.L. FENCE

SHED

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

PLAN (36)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	73

1:400

0 2.0 10.0

Meters

1 STORY MASONRY COMM. BLDG.

"SPEEDWAY"

LAKELAND HILLS AVE.

PALMS

R/W

LIMITS OF MILLING & RESURFACING

31

℄ SURVEY

N 0° 27' 01" W

MATCH LINE STA 30+40 SEE PLAN (12)

LIMITS OF MILLING & RESURFACING

300 OAK

300 OAK

R/W

PC STA. 31+07.565

CURVE NO. 1

R/W

R/W

LIMITS OF MILLING & RESURFACING (31+80)

CURVE NO. 1
PI STA. = 31+51.188
DELTA = 37° 49' 11" (RT.)
T = 43.623
L = 84.055
R = 127.341
PC STA. = 31+07.565
PT STA. = 31+91.620

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE

DATE

SEE "Correction Index Page"

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

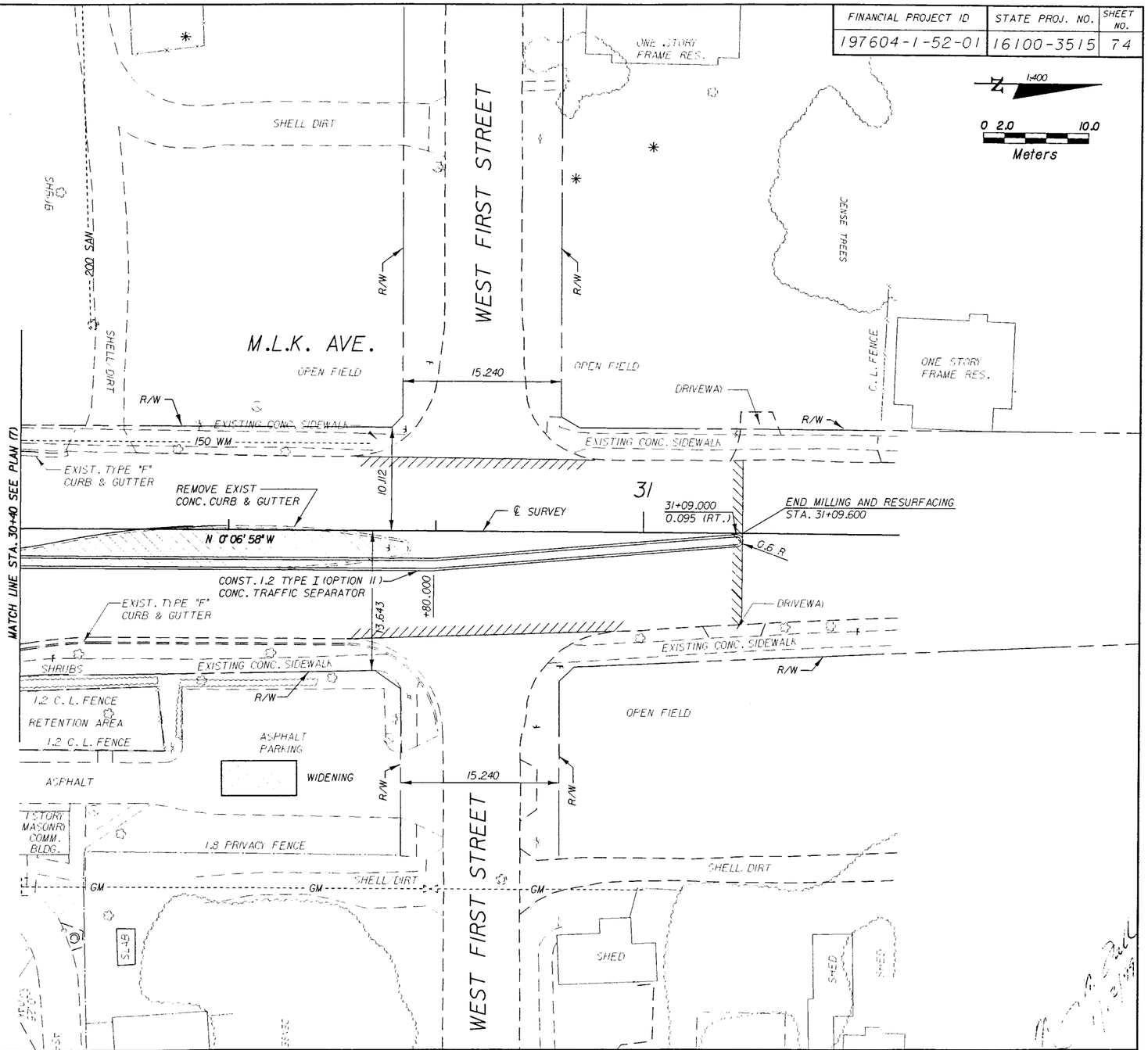
PLAN (37)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	74

1:400

0 2.0 10.0

Meters



REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

M. L. K. AVENUE PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	75

ALICIA ROAD

RELOCATED GOLCONDA ROAD

℄ SURVEY GOLCONDA ROAD

℄ SURVEY S.R. 546

℄ SURVEY EDGEWATER DR.

19+57.230
19.401 (LT.)
ELEV. 41.544
BEG. RETURN

EXISTING R/W

+59.119
13.214 (LT.)

9.0 R

0.6 R

19+52.459
8.499 (LT.)
41.568

41.467

41.427
41.404
41.393
41.381

CONST.
TYPE "E"
CURB

19+49.782
5.148 (LT.)

CONST.
150 CONC.
SIDEWALK

MATCH EXISTING
STA. 19+44.950

0.6 R

0.6 R

41.511

41.502

41.495

41.478

41.443

41.564

41.540

19+50.290
4.200 (LT.)

TO BE REMOVED

19+40

+49.944

41.518

+54.249

R=14.575

+56.238

+57.557

+58.398

19+60

41.404

2.895

2.7

2.7

41.354

9.144

41.441

19+80

41.359

N 23°34'04" E

41.519

41.496

41.486

41.479

41.466

41.451

+63.399

+64.712

REMOVE EXISTING
CONC. TYPE D CURB

19+46.169
5.400 (RT.)
EL. 41.497

+50.290

+60

41.443

41.386

9.144

PROPOSED OE

19+38.668
9.427 (RT.)
ELEV. 41.588

3.0' TRANSITION
TO EXIST. CURB

TO BE RELOCATED

+44.253
9.144 (RT.)

R/W

+63.425
9.144 (LT.)

19+64.712
5.400 (LT.)
EL. 41.336

CONST. TYPE "F" CURB & GUTTER

41.307

S-22

19+81.532
5.399 (LT.)

REMOVE EXISTING SIDEWALK
AND CONST NEW CURB CUT
RAMP

BILLBOARD

BILLBOARD

CONST. TYPE "F" CURB & GUTTER

41.273

S-23

19+81.652
5.400 (RT.)

CONST
450 RCP

9.0 R

S-24

+84.808
9.144 RT.

R/W

EXISTING SIDEWALK

1050 RCP

EXISTING R/W

+25.286
15.240 (RT.)

+25.286
18.288 (RT.)

+28.334
18.288 (RT.)

+28.334
15.240 (RT.)

+81.643
9.144 (LT.)

REMOVE EXISTING SIDEWALK
AND CONST NEW CURB CUT
RAMP

EXISTING SIDEWALK

350 RCP

S-21

CONSTRUCT 915
C & G TRANSITION

STA. 265+24.490
℄ SURVEY S.R. 546
9.397 (RT.)
ELEV. 41.373

350 RCP

REMOVE EXISTING CURB & GUTTER

STA. 265+39.229 ℄ S.R. 546 = ℄ RELOCATED GOLCONDA ROAD
STA. 20+00.000 ℄ RELOCATED GOLCONDA ROAD = ℄ EDGEWATER BEACH DRIVE
STA. 30+00.000 ℄ EDGEWATER BEACH DRIVE = ℄ SURVEY S.R. 546

30+00
20+00

MATCH EXISTING
STA. 19+90.641

REMOVE EXISTING
CONC. CURB & GUTTER

N 23°34'04" E

STA. 265+53.575
℄ SURVEY S.R. 546
9.400 (RT.)
ELEV. 41.221

MATCH EXISTING
STA. 19+44.950

℄ ALICIA ROAD
STA. 19+41.000

41.633

41.985

STA. 19+44.950
ELEV. 41.546

EXISTING GROUND
AT ℄ SURVEY

PROFILE GRADE LINE

-0.532%

41.305

MATCH EXISTING
STA. 19+90.641

41.33

STA. 19+90.239
ELEV. 41.305

41.500

44
43
42
41
40

19+40
19+60
19+80
20+00

SCALE: 1:200 HORIZONTAL
1:100 VERTICAL

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

GOLCONDA PLAN/PROFILE

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	76

1:400

0 2.0 10.0

Meters

LAKE PARKER AVE.

STORAGE AREA ASPHALT LOT

CONCRETE WALL

R/W

ASPHALT DRIVE

OPEN CLEARED FIELD MOBILE HOME DISPLAY LOT

CONCRETE SIDEWALK

350 RCP

BEGIN MILLING AND RESURFACING STA. 27+95.500

EXIST. TYPE "F" CURB & GUTTER

LIMITS OF MILLING AND RESURFACING

28

28+10.500

CONST. 1.2 TYPE I (OPTION II) CONC. TRAFFIC SEPARATOR

29

29+04.683

EXISTING CONC. SEPARATOR

12.802

0.596 (LT.)

N 0°18'30" W

℄ SURVEY

27+95.500

CONST. TYPE "E" CURB & GUTTER

EXIST. TYPE "E" CURB & GUTTER

REMOVE EXIST CONC. CURB & GUTTER

LIMITS OF MILLING AND RESURFACING

EXIST. TYPE "F" CURB & GUTTER

MATCH LINE STA. 29+50 SEE PLAN (22)

CONCRETE SIDEWALK

R/W

ASPHALT GAS STATION ACCESS/PARKING

OPEN CLEARED FIELD

ASPHALT PARKING

CANOPY WITH GAS PUMPS

WIDENING

ONE STORY COMMERCIAL

1 STORY PREFAB MASON COM. BLDG. "AMOCO"

CONCRETE SIDEWALK

EXISTING R/W FORTNER ROAD

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

SEE CORRECTION DRAWING

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LAKE PARKER AVENUE PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	77

S.R. 546 (U.S. 92)

0 2.0 10.0
Meters

STA. 279+26.275 ℄ SURVEY S.R. 546

STA. 279+73.084 ℄ SURVEY S.R. 546

STA. 280+09.555 ℄ SURVEY S.R. 546

S 85°00'19" E

90°00'00"

CONSTRUCT CONCRETE DRIVEWAY

TO BE REMOVED

EXIST. GRATE INLET

GRATE INLET

CURB INLET (S-26)

CURB INLET (S-25)

3' C.L. FENCE

SOD AREA

CANAL

279

280

29

CURVE ℄ SURVEY

PI STA. = 278+91.766
DELTA = 24°11'57" (LT)
T = 166.390
L = 327.818
R = 776.168
PC STA. = 277+25.376
PT STA. = 280+53.194
'e' = NC

FOR DRIVEWAY PROFILES, SEE SHEET 78.
FOR DRIVEWAY DETAILS, SEE PLAN (36).

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

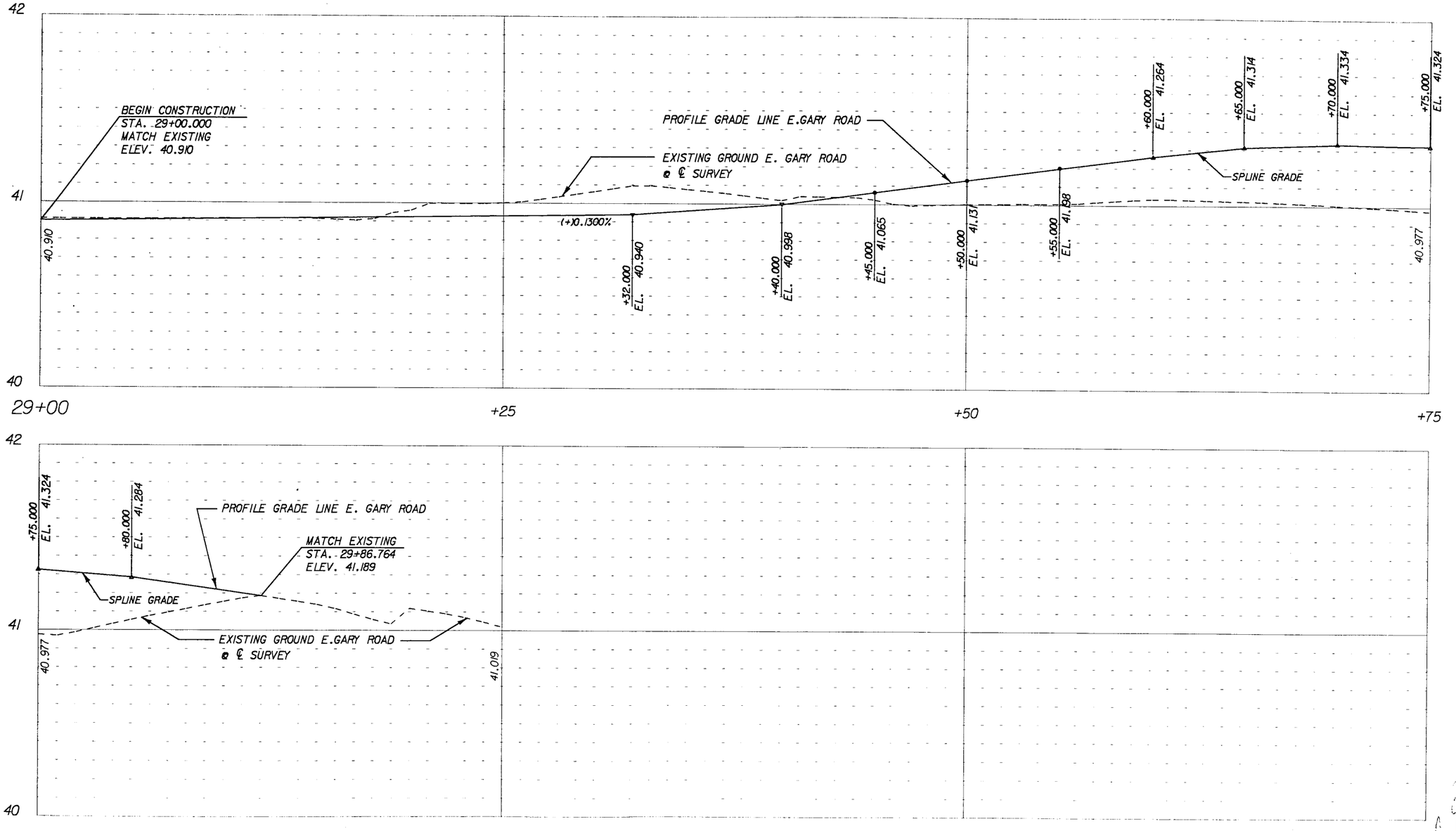
REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

E. GARY ROAD
DRIVEWAY GRADING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	78



HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:20

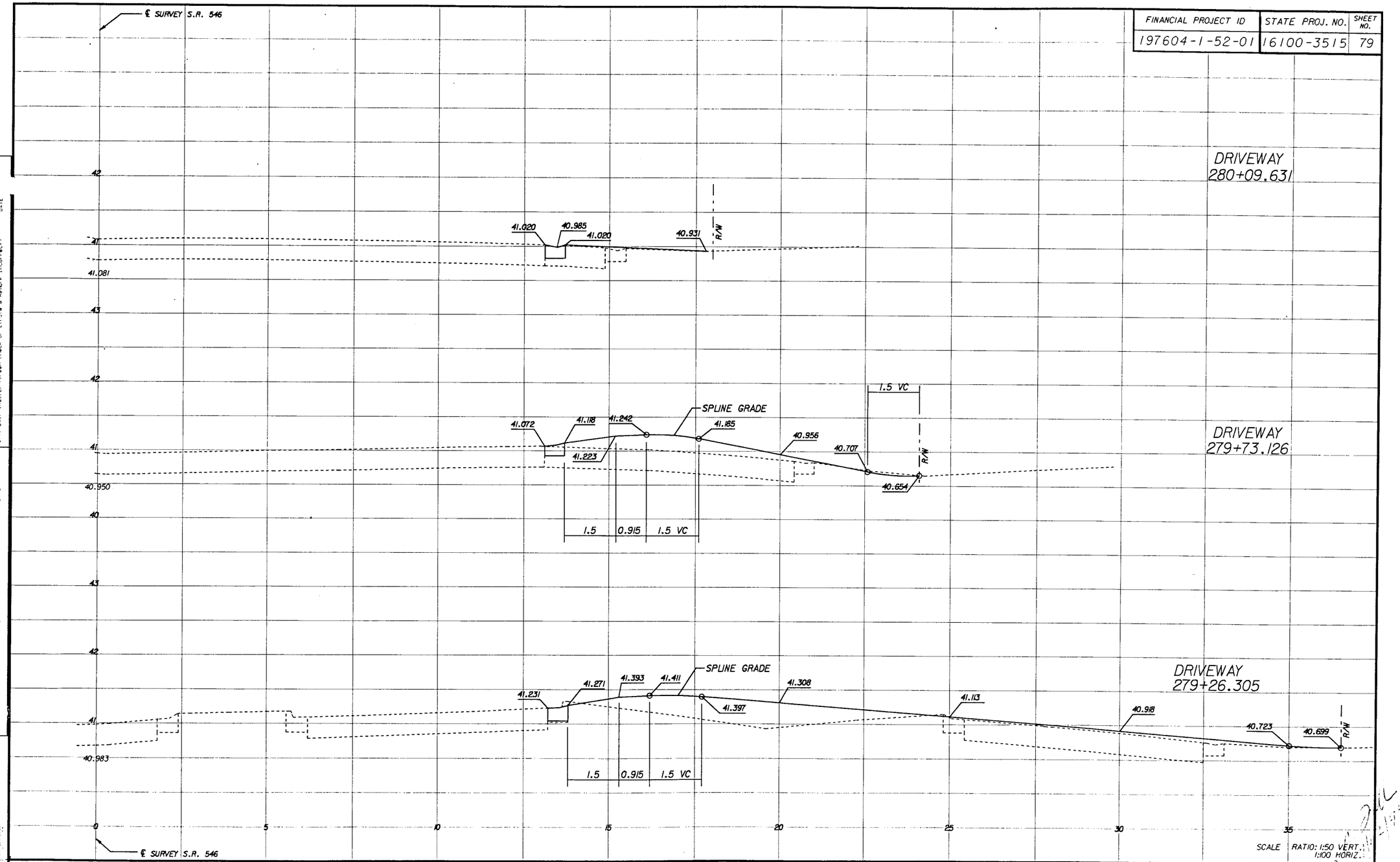
Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

E. GARY ROAD PROFILE

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	79



SCALE RATIO: 1:50 VERT.
1:100 HORIZ.

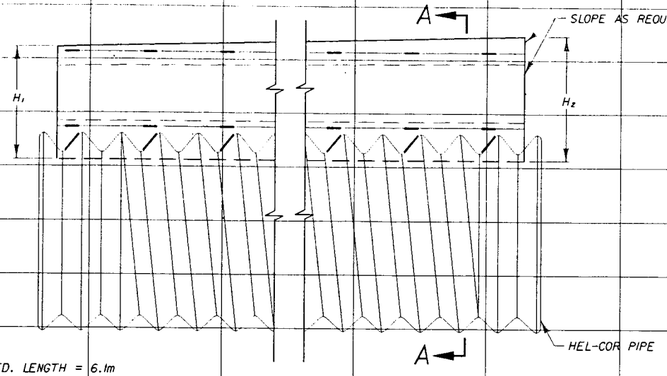
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

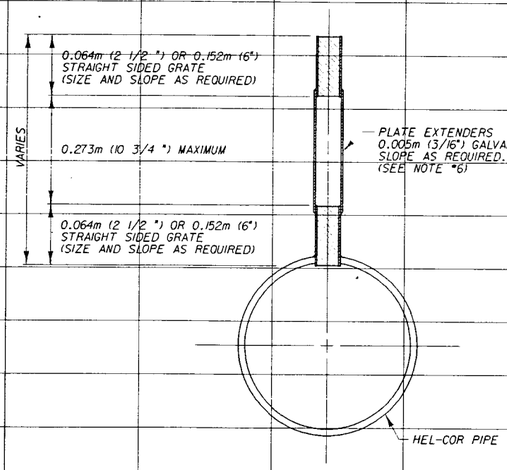
DRIVEWAY PROFILES

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	80



STD. LENGTH = 6.1m

SIDE VIEW
NTS



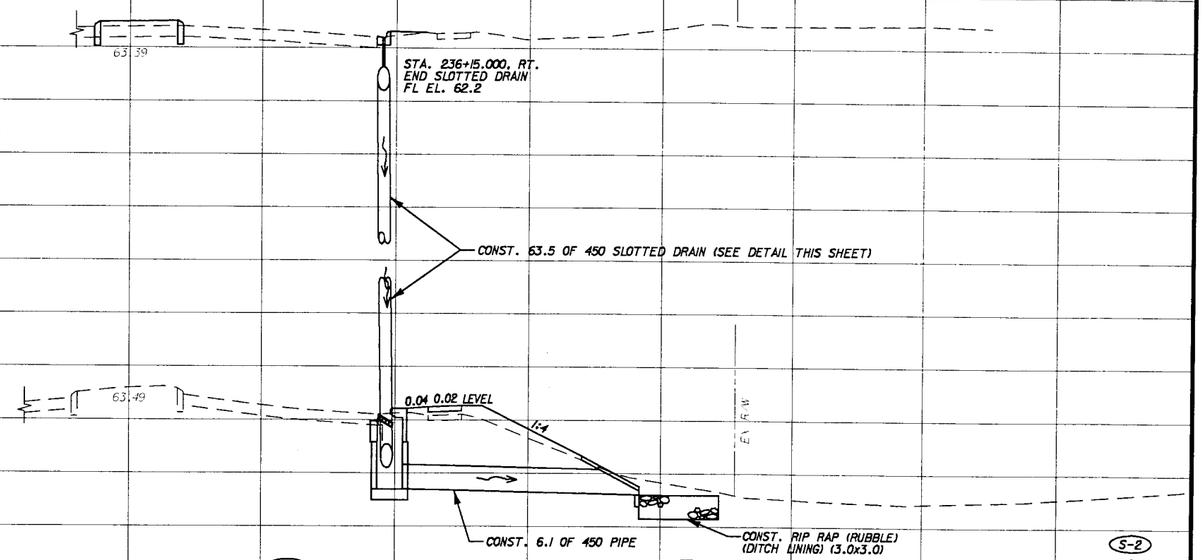
SECTION A-A
NTS

NOTES

1. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
2. REFERENCE CONTECH BAND MANUAL DWG. • 1008466 FOR BAND DETAILS.
3. REFERENCE CONTECH SLOTTED DRAIN DWG. • 103381.
4. DIMENSIONS FOR H_1 AND H_2 AS REQUIRED.
5. H_1 & H_2 MEASURED FROM TOP OF GRATE TO BOTTOM OF GRATE.
6. MATERIAL SPEC.- ASTM A-36 OR A-570. GRADE 36. HOT DIP GALVANIZED PER ASTM A-123.
7. BACKFILL TO TOP OF PIPE WITH 1500 PSI GROUT.
8. ORDER MUST NOTE IF FOR AIRPORT LOADING FOR SPECIAL WELDING.
9. FOR GRANULAR BACKFILL 0.230m (9") IS MAXIMUM.

DRAINAGE STRUCTURES NOTE

1. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES EXTEND INTO THE STABILIZED PORTION OF THE ROADBED. AND EXTREME CAUTION WILL BE NECESSARY IN STABILIZATION OPERATIONS AT THOSE LOCATIONS.



(S-1B)
STA. 235+50.900, RT.
CONST. CURB INLET P-6
FL EL. 61.7 (S)
FL EL. 62.1 (E)

(S-2)
STA. 235+50.900, 19.2 RT.
CONST. MES (CD)
FL EL. 61.6

(S-2)
(S-1B)
235+50.900

SCALE RATIO = 1:200 HORIZONTAL
1:100 VERTICAL

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURES (1)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	81

63
62
61
60
59

STA. 235+98.000, LT.
END SLOTTED DRAIN
FL EL. 62.2

63.39

CONST. 29.5 OF 375 SLOTTED DRAIN (SEE DETAIL SHEET 63)

(S-3)
STA. 235+68.000, LT.
CONST. CURB INLET P-6
FL EL. 61.9 (N)
FL EL. 62.1 (E & W)

63.49

EX. R/W

1:4

0.04

FL 61.3

(S-4)
STA. 235+68.000, 14.2 LT.
CONST. MANHOLE J-8 (1067x1829)
OVER EXIST. 1200 RCP
RIM EL. 62.84
FL EL. 59.07
(3.5x6.0)

CONST.
3.2 OF
375 PIPE

CONST. 22.5 OF 375 SLOTTED DRAIN (SEE DETAIL SHEET 63)

63.50

STA. 235+45.000, LT.
END SLOTTED DRAIN
FL EL. 62.2

(S-4)
(S-3)
235+68.000

SCALE RATIO = 1:200 HORIZONTAL
1:100 VERTICAL

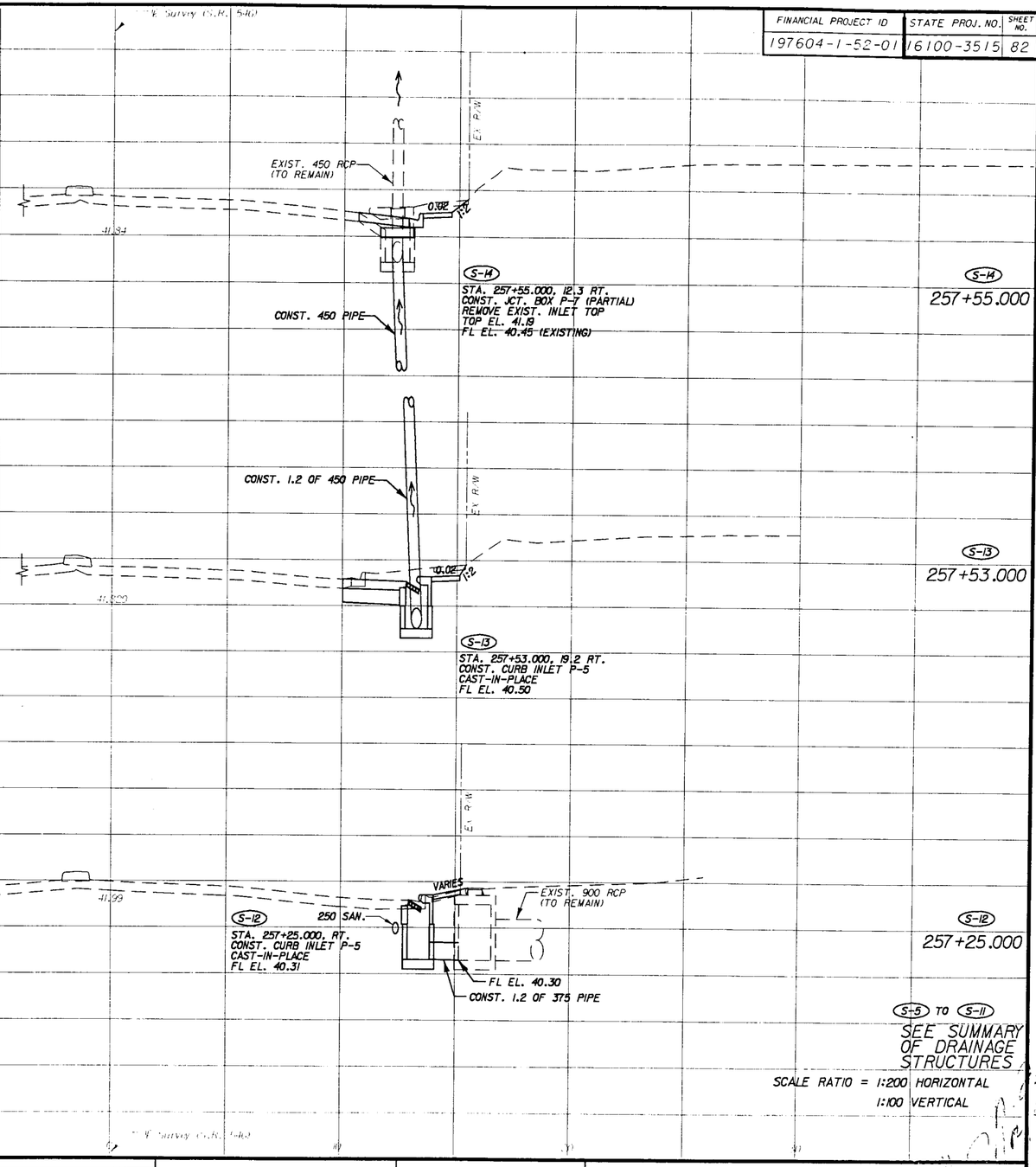
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURES (2)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	82



SCALE RATIO = 1:200 HORIZONTAL
1:100 VERTICAL

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

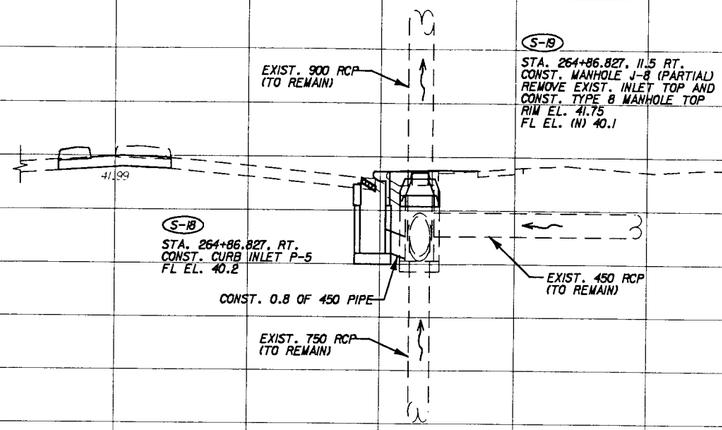
FLORIDA DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURES (3)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	83

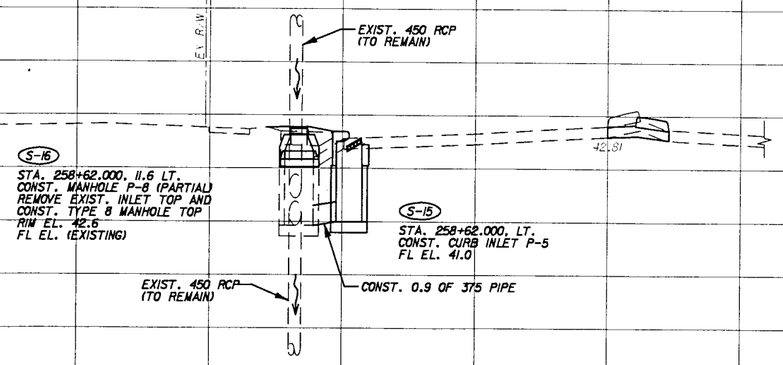
D.C. BAR CHECKED (Green Check or Circle & Remark Incorrect) DATE

D.C. CHECKED (Correction Checked Red)



S-19
S-18
264+86.827

S-17
SEE SUMMARY
DRAINAGE
STRUCTURES



S-16
S-15
258+62.000

SCALE RATIO = 1:200 HORIZONTAL
1:100 VERTICAL

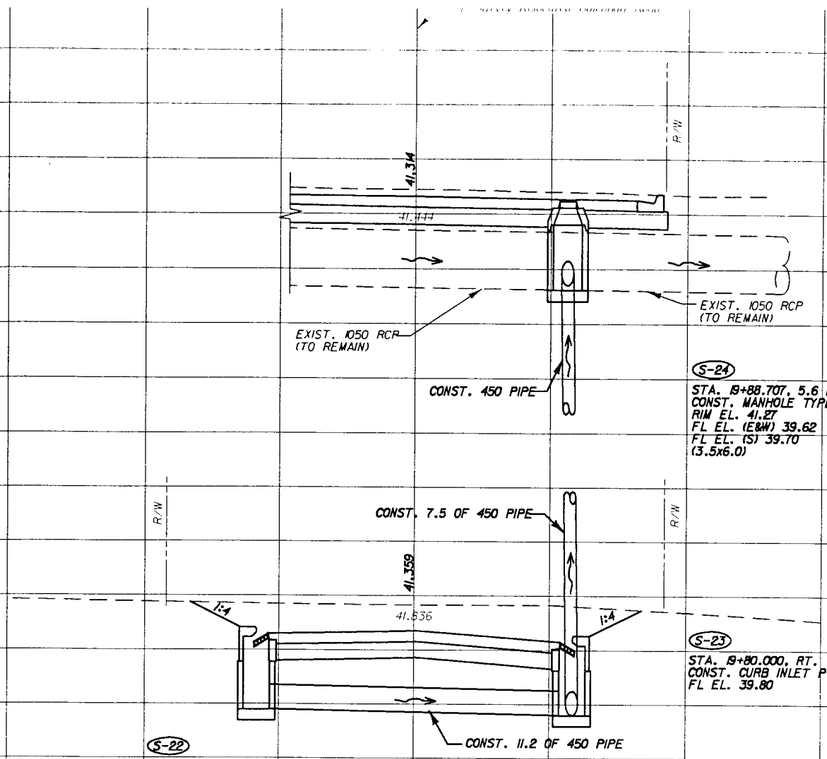
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURES (4)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	84



S-24
19+88.707
RELOCATED GOLCONDA RD.

S-23
S-22
19+80.000
RELOCATED GOLCONDA RD.

S-20
29+60.716
EXISTING GOLCONDA RD.

SCALE RATIO = 1:200 HORIZONTAL
1:100 VERTICAL

NO.	BY	DESCRIPTION	DATE	NO.	BY	DESCRIPTION	DATE	NO.	BY	DESCRIPTION	DATE	NO.	BY	DESCRIPTION

REVISION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

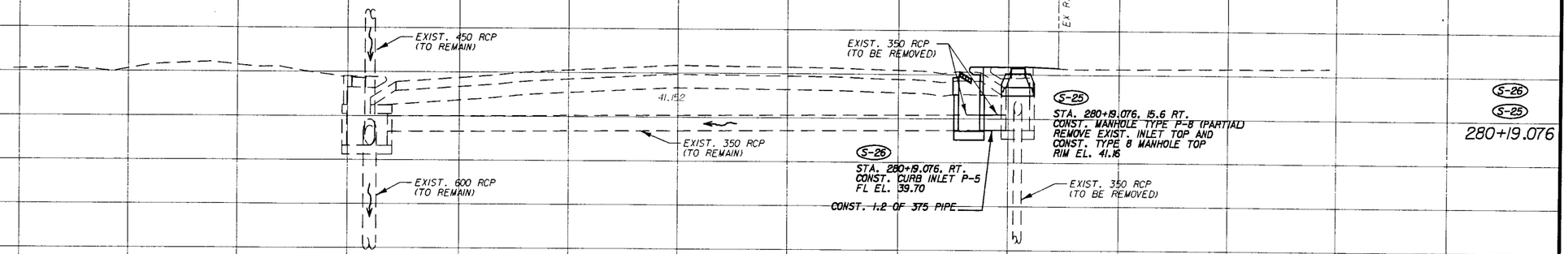
FLORIDA DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURES (5)

D.C. BAR CHECKED (Green Chase or Circle & Remark Incorrect) DATE

D.C. CHECKED (Correction Noted)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	85



S-26
S-25
280+19.076

SCALE RATIO = 1:200 HORIZONTAL
1:100 VERTICAL

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURES (6)

STATE PROJ. NO.	SHEET NO.
16100-3515	86

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
MATERIALS AND RESEARCH

DATE OF SURVEY: 01/06-07/97
SURVEY MADE BY: McLaughlin and Patten
SUBMITTED BY: T.N. Puckett, P.E.

PROJECT NO. : 16100-1515 PREL. 16100-3515 CONST.

DISTRICT: One
ROAD NO.: SR 546
COUNTY: Polk

CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS

SURVEY BEGINS STA. : 19+60 SURVEY ENDS STA. : 274+80

	ORGANIC CONTENT			SIEVE ANALYSIS RESULTS % PASS						ATTERBERG LIMITS (%)					CORROSION TEST RESULTS				
STRATUM NO.	NO. OF TESTS	% ORGANIC	MOISTURE CONTENT	NO. OF TESTS	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX	AASHTO GROUP	DESCRIPTION	NO. OF TESTS	RESISTIVITY Ohms cm	CHLORIDE ppm	SULFATE ppm	pH
1	6	4.0-1.2	21.2-7.8	6	100-99	98-93	63-48	20-14	7-4	--	-----	NP	A-3	Brown, Tan and Grey Sand w/t. Organic.	5	40,000-14,000	120-60	174-24	7.0-4.2
2	2	1.0-0.5	-----	2	100	97	63-58	17-15	2	--	-----	NP	A-3	Sand w/t. Organis.	--	-----	-----	-----	-----
3	2	2.1-0.8	-----	2	100-99	97-96	87-86	50	16	--	-----	NP	A-2-4	Grey, Lt. Brown and Tan Sand w/t. Slit and Organic.	2	35,000-23,000	120	396-120	8.5-7.4
4	--	-----	-----	--	-----	-----	-----	-----	-----	--	-----	-----	-----	C.B.A.C.	--	-----	-----	-----	-----

NOTES

(1) Strata boundaries are approximate-Make final check after grading.
(2) ▽ - Water table encountered.
(3) GNE - Ground water not encountered.

EMBANKMENT AND SUBGRADE MATERIAL

- The material from Stratum Number 4 is Asphaltic Concrete over Concrete Base.
- The material from Strata Number 1 and 2 appear satisfactory for use in the embankment when utilized in accordance with Index 505. However, the material from Strata number 1 may not be used in the subgrade portion of the roadbed due to its organic content.
- The material from Stratum Number 3 appears satisfactory for use in the embankment when utilized in accordance with Index 505. However, this material is likely to retain excess moisture and be difficult to dry and compact. It should be used in the embankment above the water level existing at the time of construction.

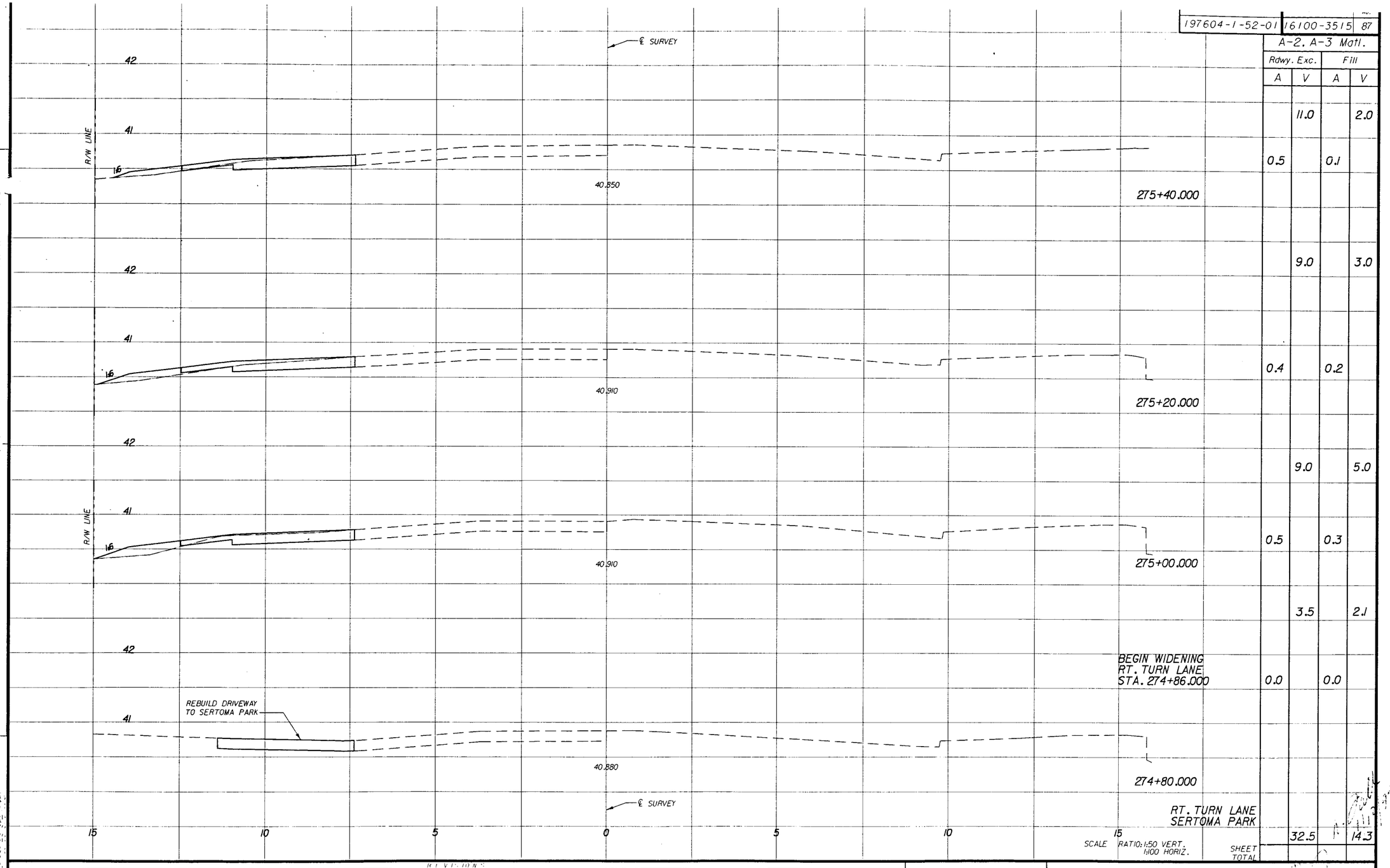
Thu Feb 20 11:47:43 1997 /usr4/proj/soils/16515is.dgn

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

	NAME	DATE		NAME	DATE
DESIGNED BY			DRAWN BY	DML	2/97
CHECKED BY			CHECKED BY	TNP	2/97
SUPERVISED BY : T.N. Puckett					

FLORIDA DEPARTMENT OF TRANSPORTATION
APPROVED BY: [signature] DATE: 2-20-97

ROADWAY SOILS SURVEY



197604-1-52-01	16100-3515	87

A-2, A-3 Matl.			
Rdwy. Exc.		Fill	
A	V	A	V
	11.0		2.0
0.5		0.1	
	9.0		3.0
0.4		0.2	
	9.0		5.0
0.5		0.3	
	3.5		2.1
0.0		0.0	
	32.5		14.3

BEGIN WIDENING
RT. TURN LANE
STA. 274+86.000

RT. TURN LANE
SERTOMA PARK

SCALE RATIO: 1:50 VERT.
1:100 HORIZ.

SHEET TOTAL

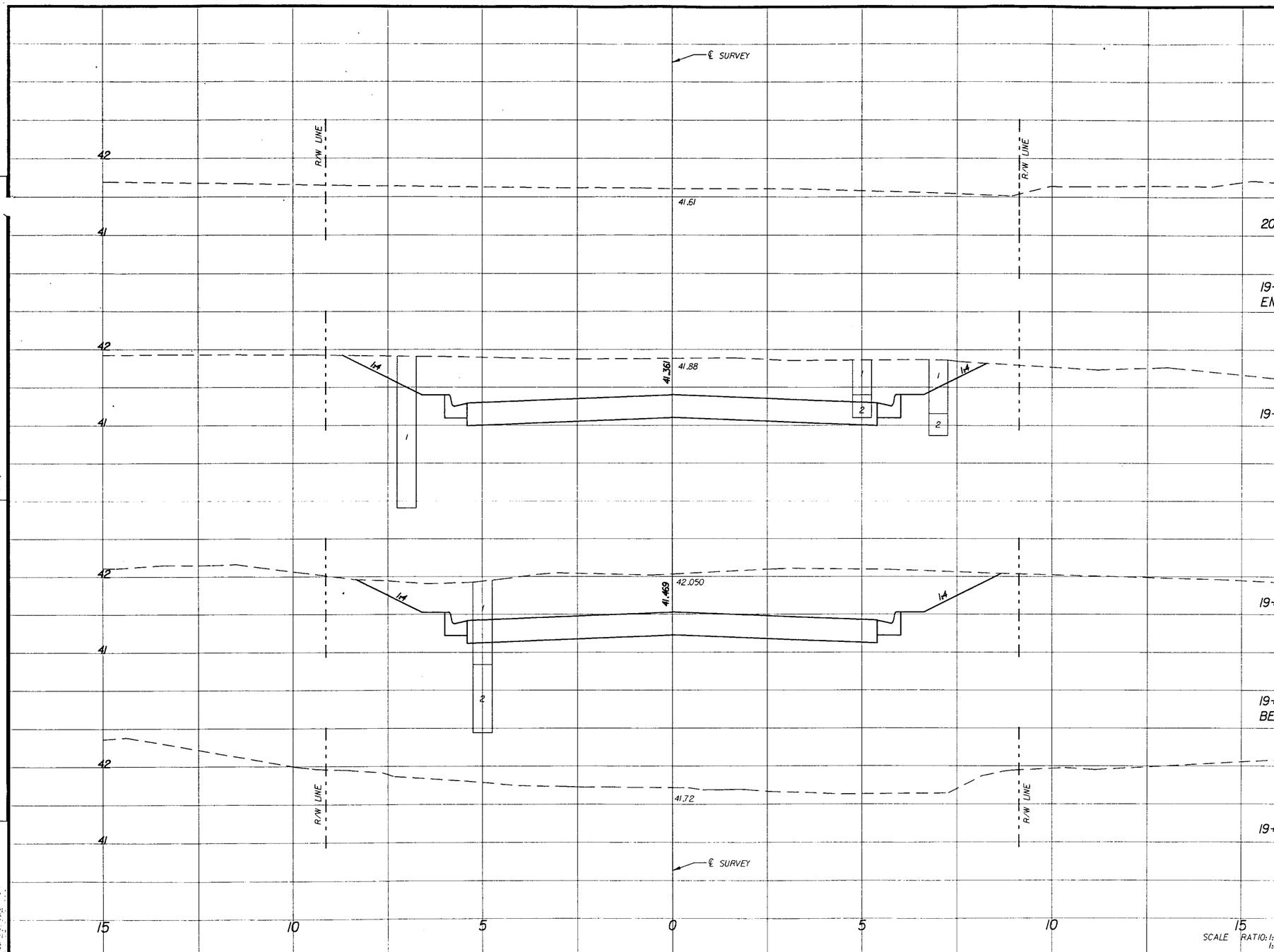
QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

FLORIDA DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	88



	A-2, A-3 Matl.			
	Rdwy. Exc.		Fill	
	A	V	A	V
20+00.000				
19+90.810 END CONSTRUCTION	0.0		0.0	
		61.6		0.0
19+80.000	11.4		0.0	
		233.0		0.0
19+60.000	11.9		0.0	
		83.6		0.0
19+44.950 BEGIN CONSTRUCTION	0.0		0.0	
19+40.000				
GOLCONDA ROAD				
SHEET TOTAL		378.2		

SCALE RATIO: 1:50 VERT. 1:100 HORIZ.

REVISION									
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

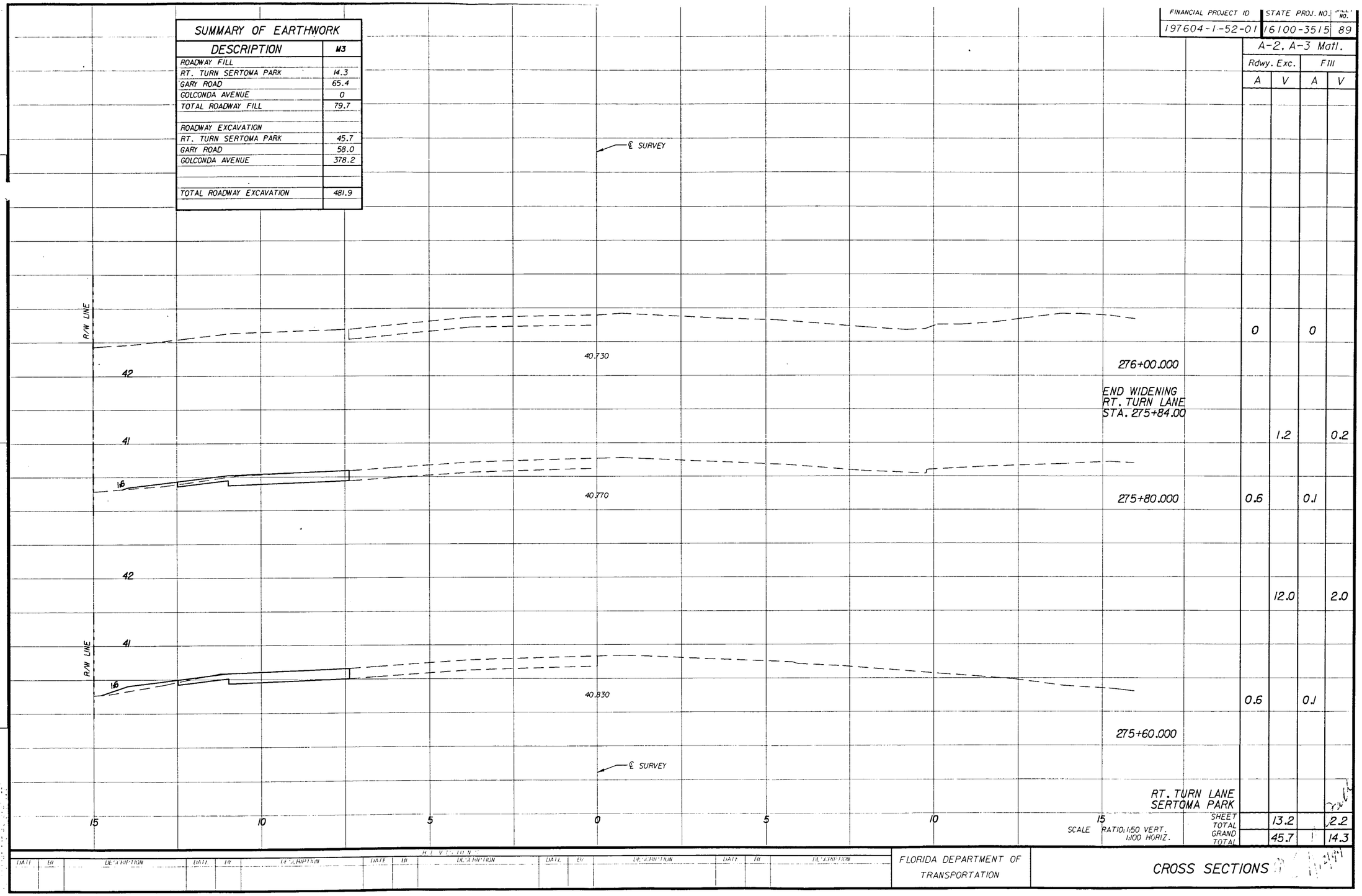
CROSS SECTIONS

QUALITY ASSURANCE REVIEW
DATE
BY

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	89

SUMMARY OF EARTHWORK

DESCRIPTION	M3
ROADWAY FILL	
RT. TURN SERTOMA PARK	14.3
GARY ROAD	65.4
GOLCONDA AVENUE	0
TOTAL ROADWAY FILL	79.7
ROADWAY EXCAVATION	
RT. TURN SERTOMA PARK	45.7
GARY ROAD	58.0
GOLCONDA AVENUE	378.2
TOTAL ROADWAY EXCAVATION	481.9



	A-2, A-3 Matl.			
	Rdwy. Exc.		Fill	
	A	V	A	V
276+00.000 END WIDENING RT. TURN LANE STA. 275+84.00	0		0	
		1.2		0.2
275+80.000	0.6		0.1	
		12.0		2.0
275+60.000	0.6		0.1	
RT. TURN LANE SERTOMA PARK				
SHEET TOTAL		13.2		2.2
GRAND TOTAL		45.7		14.3

SCALE RATIO: 1:50 VERT. 1:100 HORIZ.

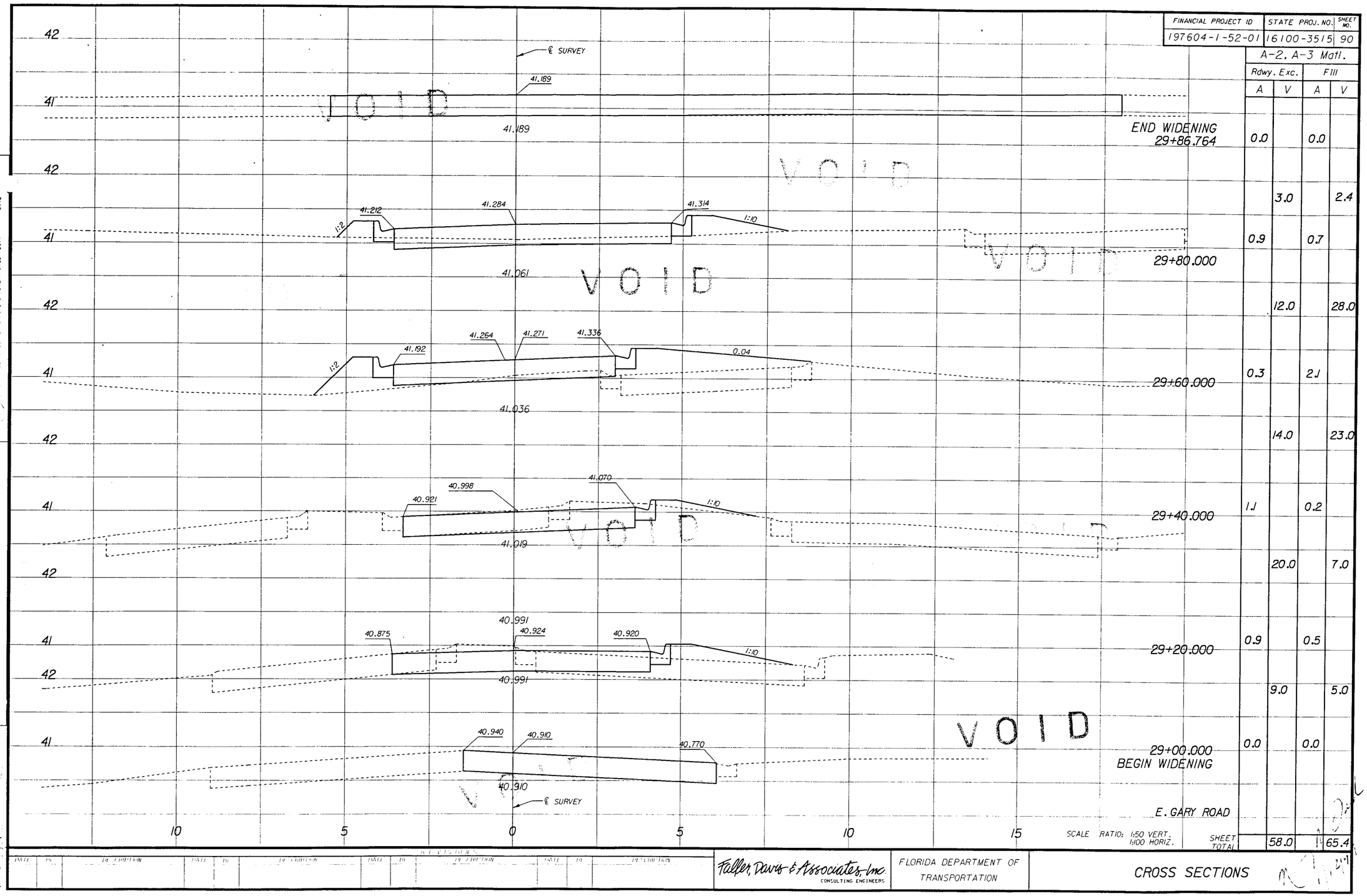
REVISIONS															
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	

FLORIDA DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	90

	A-2, A-3 Matl.			
	Rdwy. Exc.		Fill	
	A	V	A	V
END WIDENING 29+86.764	0.0		0.0	
		3.0		2.4
29+80.000	0.9		0.7	
		12.0		28.0
29+60.000	0.3		2.1	
		14.0		23.0
29+40.000	1.1		0.2	
		20.0		7.0
29+20.000	0.9		0.5	
		9.0		5.0
29+00.000 BEGIN WIDENING	0.0		0.0	
E. GARY ROAD				
SHEET TOTAL		58.0		65.4



SCALE RATIO: 1:50 VERT. 1:100 HORIZ.

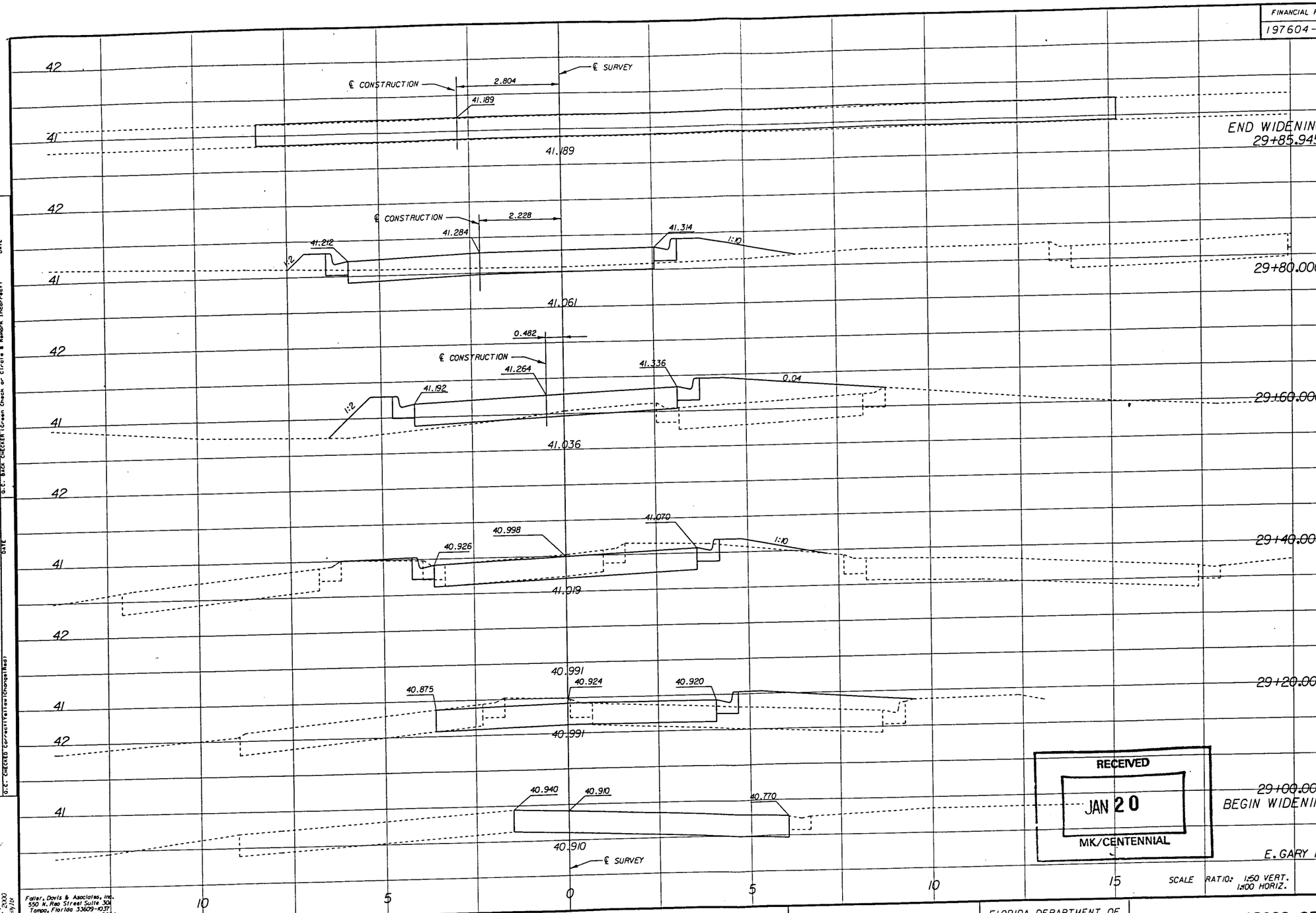
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	90



	A-2, A-3 Matl.			
	Rdwy. Exc.		Fill	
	A	V	A	V
END WIDENING 29+85.945	0.0		0.0	
		3.0		2.4
29+80.000	0.9		0.7	
		12.0		28.0
29+60.000	0.3		2.1	
		14.0		23.0
29+40.000	1.1		0.2	
		20.0		7.0
29+20.000	0.9		0.5	
		9.0		5.0
29+00.000 BEGIN WIDENING	0.0		0.0	
SHEET TOTAL		58.0		65.4

SCALE RATIO: 1:50 VERT. 1:100 HORIZ.

RECEIVED
JAN 20
MK/CENTENNIAL

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
Interpretation Review Checklist
O.C. CHECKED Correct Textual Changes Read
DATE
O.C. BACK CHECKER (Green Check or Circle & Remark Incorrect)
DATE
PLOTTED: Fri Jan 28 17:00:37 2000
S:\Line Projects\0149\Xsects\0149Xsects.dgn

Faller, Davis & Associates, Inc.
550 N. Reo Street Suite 301
Tampa, Florida 33609-1037
Cert. of Authorization No. 5854

REVISIONS

DATE	BY	DESCRIPTION
01-13-00	NRF	ALIGNMENT SHIFT STA'S +60. +80. +85.945

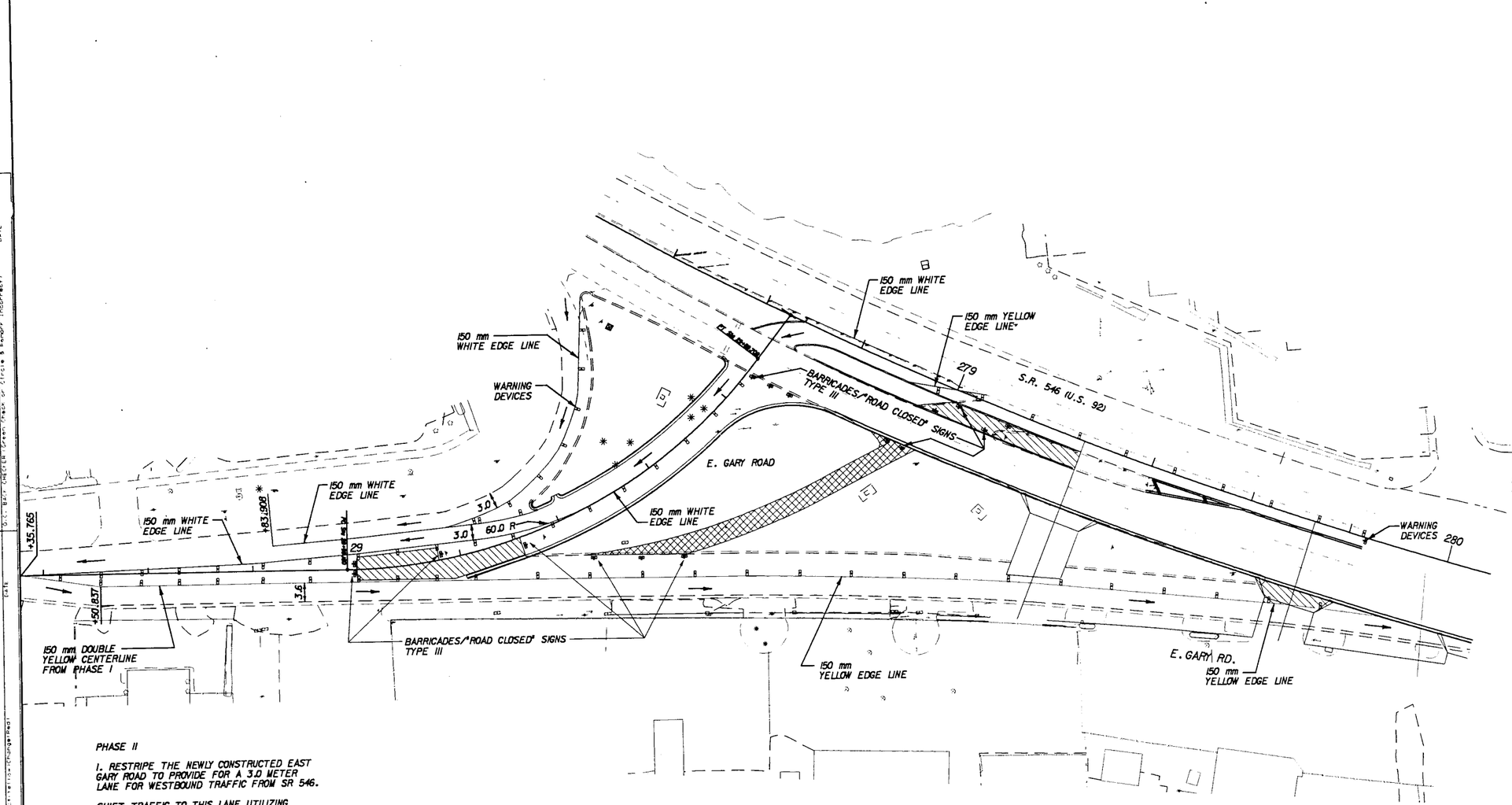
Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

1/18/00

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
19760 4-1-52-01	16100-3515	94



PHASE II

1. RESTRIPE THE NEWLY CONSTRUCTED EAST GARY ROAD TO PROVIDE FOR A 3.0 METER LANE FOR WESTBOUND TRAFFIC FROM SR 546.

SHIFT TRAFFIC TO THIS LANE UTILIZING THE NEWLY CONSTRUCTED MEDIAN OPENING AND SIGNAL. EASTBOUND GARY ROAD AND SOUTHWEST RAMP SHALL REMAIN AS SHOWN IN PHASE I. WARNING DEVICES SHALL BE ADJUSTED TO ACCOMODATE NEW GORE AREA

2. CONSTRUCT A PORTION OF EAST GARY ROAD TO THE LIMITS SHOWN ON THE PLANS.

3. CLOSE INSIDE EASTBOUND AND INSIDE WESTBOUND LANES OF SR 546 UTILIZING INDEX NO. 623. REMOVE MEDIAN CURB AND EXISTING ASPHALT PAVEMENT IN THE OLD MEDIAN OPENING. CONSTRUCT REMAINDER OF CURB IN MEDIAN.

4. REMOVE TEMPORARY PAVEMENT FOR DETOUR. CONSTUCT PERMANENT CURB AT DETOUR ENTRANCE UTILIZING INDEX NO. 623.

PERMANENT CONSTRUCTION

PAVEMENT REMOVAL

DIRECTION OF TRAVEL

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE ... DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

E. GARY ROAD - PHASE II

TRAFFIC CONTROL PLAN (4)

VOID

VOID

VOID

VOID

VOID

VOID

VOID

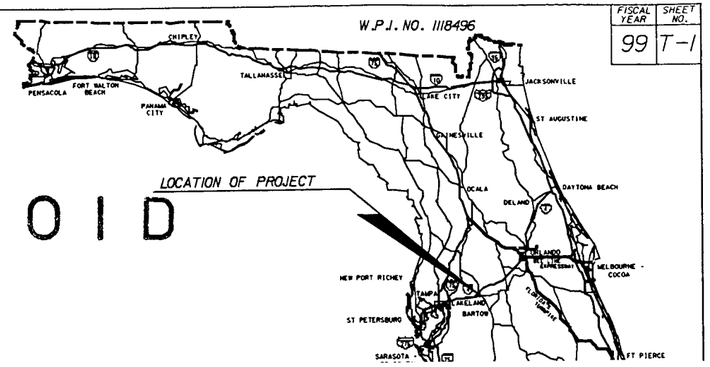
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

PLANS OF PROPOSED STATE HIGHWAY

FINANCIAL PROJECT NO. 197604-1-52-01
STATE PROJECT NO. 16100-3515
(FEDERAL FUNDS)
POLK COUNTY
STATE ROAD NO. 546 (U.S. 92)
SIGNALIZATION PLANS

FISCAL YEAR	SHEET NO.
99	T-1

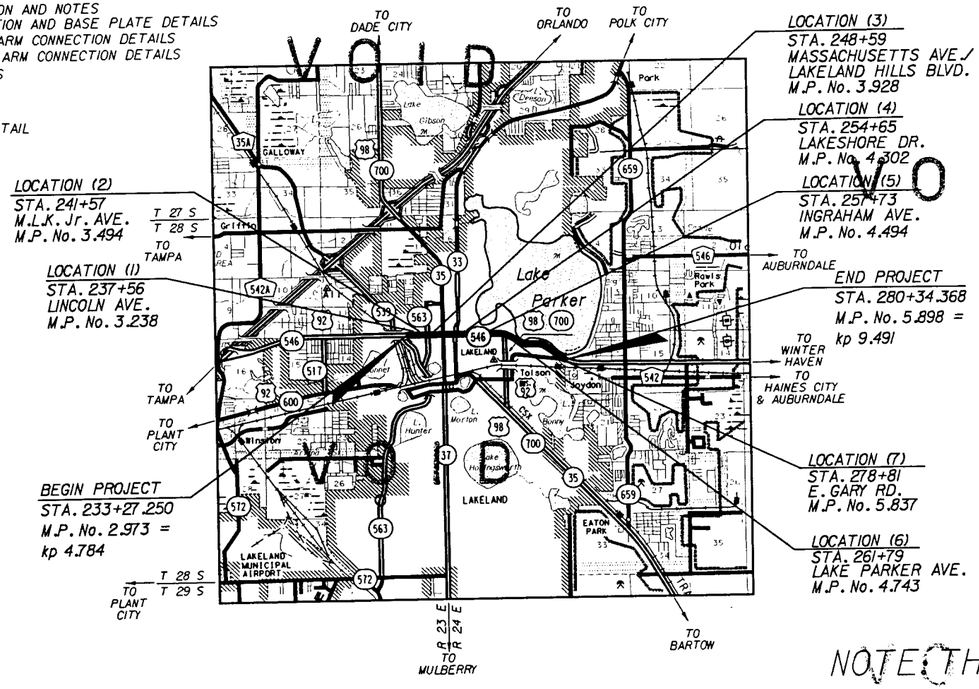
W.P.I. NO. 1118496



Contractor: APAC of Fla., Inc.
Design Consultant: Faller, Davis & Assoc., Inc.
CEI Consultant: MK Centennial
District Secretary: David Twiddy, Jr. P.E.
Resident Engineer: Jonathan Sands, P.E.
Project Engineer: George D. McClintock
Conditional Acceptance: December 18, 2000

INDEX OF SIGNALIZATION PLANS

SHEET NO.	SHEET DESCRIPTION
T-1	KEY SHEET
T-2 AND T-3	TABULATION OF QUANTITIES
T-4	GENERAL NOTES
T-5 THRU T-11	SIGNALIZATION PLAN SHEETS
T-12 THRU T-15	INTERCONNECT PLAN
T-16 AND T-17	MAST ARM DETAIL & SCHEDULE
T-18	CANTILEVER SIGNAL STRUCTURE ELEVATION AND NOTES
T-19	CANTILEVER SIGNAL STRUCTURE FOUNDATION AND BASE PLATE DETAILS
T-20	CANTILEVER SIGNAL STRUCTURE SINGLE ARM CONNECTION DETAILS
T-21	CANTILEVER SIGNAL STRUCTURE DOUBLE ARM CONNECTION DETAILS
T-22 THRU T-25	TABLE OF SIGNAL STRUCTURE VARIABLES
T-26	CPT LOCATION SHEET
T-27	REPORT OF CORE BORINGS
T-28	SPECIAL ELECTRICAL POWER SERVICE DETAIL
T-29 THRU T-31	OVERHEAD STREET NAME SIGN DETAILS



0 1 2
KILOMETERS
1:150 000

SIGNALIZATION SHOP DRAWINGS TO BE SUBMITTED TO:
LAWRENCE T. HAGEN, P.E.
P.E. NO. 43968

PLANS PREPARED BY
FALLER, DAVIS & ASSOCIATES, INC.
550 N. REO STREET
SUITE 301
TAMPA, FLORIDA 33609
(813) 261-5136
VENDOR NO. F592594956001

THESE PLANS ARE DESIGNED TO MEET FDOT R-R-R CRITERIA.

NOTE: THIS PROJECT TO BE LET TO CONTRACT WITH FINANCIAL PROJECT ID 197609-1-52-01

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ALTERED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

GOVERNING SPECIFICATIONS: STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS, DATED 1999. SUPPLEMENTS AND SPECIAL PROVISIONS THERETO IF NOTED IN THE CONTRACT SPECIFICATIONS FOR THIS PROJECT.

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, ROADWAY AND TRAFFIC DESIGN STANDARDS (BOOKLET DATED JANUARY, 1998).

VOID

NOTE: THIS IS A METRIC UNIT PROJECT

REVISIONS		
DATE	BY	DESCRIPTION

SIGNALIZATION PLANS ENGINEER OF RECORD: LAWRENCE THOMAS HAGEN, P.E.
DATE: 1/12/99
P.E. NO.: 43968

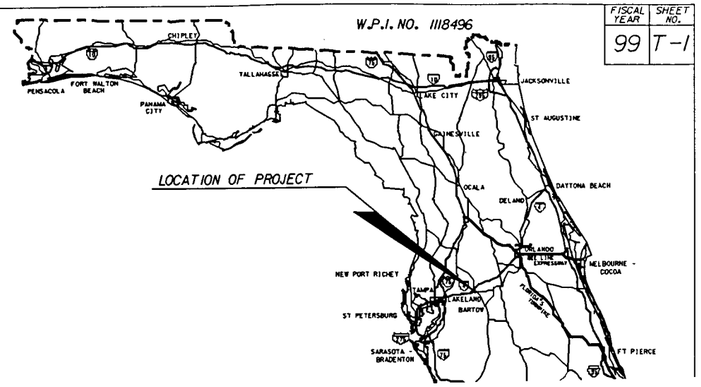
16100-3515

FDOT PROJECT MANAGER : J.R. MacCalla, Jr.

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
PM | DATE
DE | DATE

FISCAL YEAR	SHEET NO.
99	T-1

W.P.I. NO. 1118496



STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
FINAL PLANS
~~PLANS OF PROPOSED~~
STATE HIGHWAY

FINANCIAL PROJECT NO. 197604-1-52-01
STATE PROJECT NO. 16100-3515
(FEDERAL FUNDS)
POLK COUNTY
STATE ROAD NO. 546 (U.S. 92)
SIGNALIZATION PLANS

Contractor: APAC of Fla., Inc.
Design Consultant: Faller, Davis & Assoc., Inc.
CEI Consultant: MK Centennial
District Secretary: David Twiddy, Jr. P.E.
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Project Engineer: George D. McClintock
Conditional Acceptance: December 18, 2000

INDEX OF SIGNALIZATION PLANS

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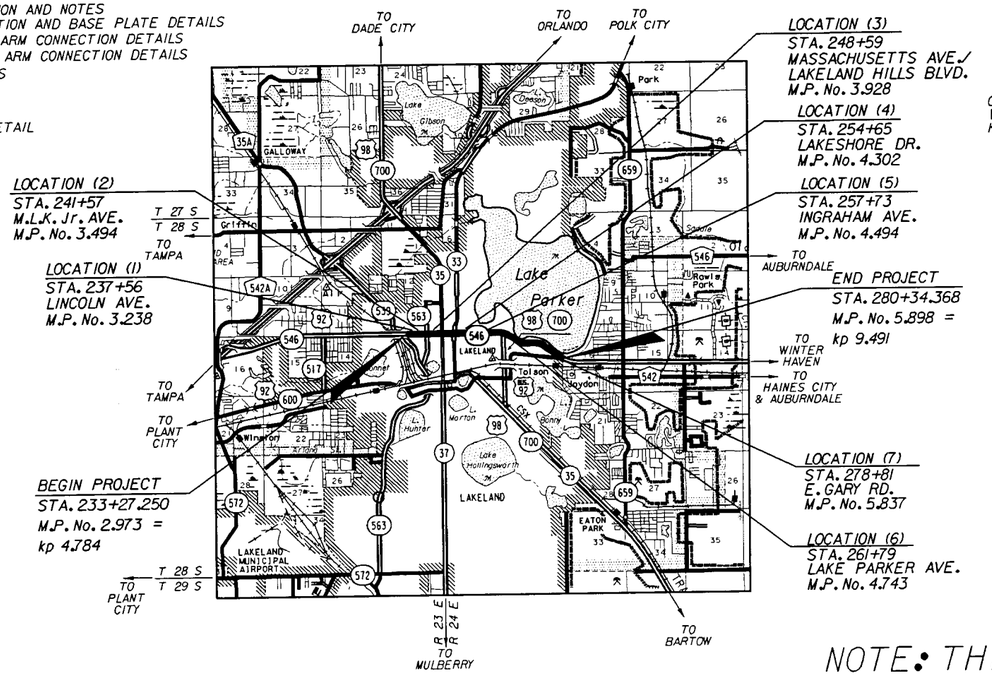
T-29 THRU T-31	OVERHEAD STREET NAME SIGN DETAILS

REVISIONS

⚠ REVISED	07/18/00	TABULATION OF QUANTITIES SHEETS T-2 AND T-3
⚠ REVISED	07/18/00	INTERCONNECT PLAN SHEETS T-12 THRU T-15

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, ROADWAY AND TRAFFIC DESIGN STANDARDS (BOOKLET DATED JANUARY, 1998).



N

0 1
KILOMETERS
1:50 000

SIGNALIZATION SHOP DRAWINGS TO BE SUBMITTED TO:
LAWRENCE T. HAGEN, P.E.
P.E. NO. 43968

PLANS PREPARED BY
FALLER, DAVIS & ASSOCIATES, INC.
550 N. REO STREET
SUITE 301
TAMPA, FLORIDA 33609
(813) 261-5136
VENDOR NO. F592594956001

THESE PLANS ARE DESIGNED TO MEET FDOT R-R-R CRITERIA.

NOTE: THIS PROJECT TO BE LET TO CONTRACT WITH FINANCIAL PROJECT ID 197609-1-52-01

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ALTERED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

GOVERNING SPECIFICATIONS: STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS, DATED 1999, SUPPLEMENTS AND SPECIAL PROVISIONS THERETO IF NOTED IN THE CONTRACT SPECIFICATIONS FOR THIS PROJECT.

16100-3515

FDOT PROJECT MANAGER : J.R. MacCalla, Jr.

NOTE: THIS IS A METRIC UNIT PROJECT

REVISIONS		
DATE	BY	DESCRIPTION

MacC dlt 8/3/00 Construction Revision #1

SIGNALIZATION PLANS ENGINEER OF RECORD: LAWRENCE THOMAS HAGEN, P.E.
DATE:
P.E. NO.: 43968

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-2

TABULATION OF QUANTITIES

BID ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS T-5 PLAN	T-5 FINAL	T-6 PLAN	T-6 FINAL	T-7 PLAN	T-7 FINAL	T-8 PLAN	T-8 FINAL	T-9 PLAN	T-9 FINAL	T-10 PLAN	T-10 FINAL	T-11 PLAN	T-11 FINAL	T-12 PLAN	T-12 FINAL	T-13 PLAN	T-13 FINAL	TOTAL THIS SHEET PLAN	TOTAL THIS SHEET FINAL	GRAND TOTAL PLAN	GRAND TOTAL FINAL	REF. SHEET
2555-1-1	DIRECTIONAL BORE (LESS THAN 150MM)	MI	48		36		94		64		100		85		27						454				
2620-1	GROUNDING	MI	126		126		87		87		90		117		57		3		3		672				
2630-1-11	CONDUIT (ABOVEGROUND)	MI	9.0		6.0		9.0				6.0		7.6				7		8.0		52.7				
2630-1-12	CONDUIT (UNDERGROUND)	MI	88.0		7.0		61.4		152.5		33.8		227.1		45.3		3.5		3.5		662.1				
2630-1-13	CONDUIT (UNDERPAVEMENT)	MI	79.6		313.4		298.1		203.0		209.5		280.1		1.5		4.1		29.0		1418.3				
2630-1-22	CONDUIT (UNDERGROUND) (FURNISH)	MI	114.0		72.0		248.0		172.0		190.0		226.0		54.0						1076.0				
2632-7-1	CABLE (SIGNAL)	PI	1		1		1		1		1		1		1						7				
2632-8-131	INTERCONNECT INSTALL (AERIAL)	MI															7.1		8.0		15.1				
2632-8-132	INTERCONNECT INSTALL (UNDERGROUND)	MI															12.6		39.5		52.1				
2635-1-11	PULL BOX	EA	15		19		14		16		12		20		8		1		1		106				
2639-1-22	ELECTRICAL POWER SERVICE (UNDERGROUND)	AS	1		1		1		1		1		1		1						7				
2639-2-1	ELECTRICAL SERVICE WIRE	MI	3.0		3.0		3.7		1.0		66.8		27.6		2.2						107.3				
2641-41-04	CONCRETE STRAIN POLE (TYPE N-11 SERVICE POLE) (4m)	EA	1		1		1				1		1		1						6				
2647-11-10	SINGLE MAST ARM SIGNAL POLE (10m)	EA													1						1				
2647-11-13	SINGLE MAST ARM SIGNAL POLE (13m)	EA					1				1		1								3				
2647-11-15	SINGLE MAST ARM SIGNAL POLE (15m)	EA									1										1				
2647-11-16	SINGLE MAST ARM SIGNAL POLE (16m)	EA					1														1				
2647-11-18	SINGLE MAST ARM SIGNAL POLE (18m)	EA			1								2								3				
2647-11-19	SINGLE MAST ARM SIGNAL POLE (19m)	EA			1								1								2				
2647-11-22	SINGLE MAST ARM SIGNAL POLE (22m)	EA			2																2				
2647-13-28	DOUBLE MAST ARM SIGNAL POLE (28m)	EA	2												1						3				
2647-13-30	DOUBLE MAST ARM SIGNAL POLE (30m)	EA							1												1				
2647-13-31	DOUBLE MAST ARM SIGNAL POLE (31m)	EA							1												1				
2647-13-36	DOUBLE MAST ARM SIGNAL POLE (36m)	EA					1														1				
2647-13-39	DOUBLE MAST ARM SIGNAL POLE (39m)	EA									1										1				
2650-1-111	TRAFFIC SIGNAL, 305mm STANDARD (1-SECT. 1-WAY)	AS													2						2				
2650-1-131	TRAFFIC SIGNAL, 305mm STANDARD (3-SECT. 1-WAY)	AS	8		6		4		7		4		11		8						48				
2650-9-151	TRAFFIC SIGNAL, 305mm STANDARD (5-SECT. CLUSTER)	AS	4		2		4		2		4										12				
2653-111	PEDESTRIAN SIGNAL (305mm INCANDESCENT. 1-SECT. 1-WAY)	AS	4				6		4		6		4								24				
2653-112	PEDESTRIAN SIGNAL (305mm INCANDESCENT. 1-SECT. 2-WAY)	AS	1		4		1		1		1		1								9				
2659-101	SIGNAL HEAD AUXILIARIES (BACK PLATE)	EA	4		3		2		4		2		4		6						25				
2659-106	SIGNAL HEAD AUXILIARIES (TUNNEL VISOR)	EA	24		28		32		31		38		33		24						210				
2659-108	SIGNAL HEAD AUXILIARIES (STEEL PEDESTAL)	EA	4		4		2		2		1		2								15				
2659-118	SIGNAL HEAD AUXILIARIES (BACK PLATES, 5 SECTION CLUSTER)	EA			1		2				2										5				
2660-1-109	INDUCTIVE LOOP DETECTOR (TYPE 9)	EA	11		9		13		11		8		12		2						66				
2660-1-110	INDUCTIVE LOOP DETECTOR (TYPE 10)	EA			2																2				
2660-2-102	LOOP ASSEMBLY (TYPE B)	AS	9		6		9		7		4		7		2						44				
2660-2-106	LOOP ASSEMBLY (TYPE F)	AS	5		8		8		6		6		7		2						42				
2665-11	PEDESTRIAN DETECTOR (POLE MOUNTED DETECTOR STATION)	EA					5		3		6		3								17				
2665-13	PEDESTRIAN DETECTOR (DETECTOR WITH SIGN ONLY)	EA	6		4		1		3		2		3								19				
2670-113-01	ACTUATED SOLID STATE CONTROLLER ASSEMBLY	AS	1		1				1		1		1		1						6				
2670-113-11	ACTUATED SOLID STATE CONTROLLER ASSEMBLY (ONE PREEMPTION PLAN) (120 VOLT)	AS					1														1				
2685-319	SYSTEM AUXILIARIES (TELEMETRY RECEIVER)	EA	1		1		1						1		1						5				
2685-328	SYSTEM AUXILIARIES (INTERFACE PANEL)	EA	1		1		1						1		1						5				
2690-10	REMOVE TRAFFIC SIGNAL HEAD ASSEMBLY	EA	12		9		9		8		10		11		5						64				
2690-20	REMOVE PEDESTRIAN SIGNAL ASSEMBLY	EA	6		8		8		6		8		6		-						42				
2690-30	REMOVE POLES	EA	4		4		2		4		4		2		3						23				
2690-50	REMOVE CONTROLLER ASSEMBLY	EA	1		1		1		1		1		1		1						7				
2690-80	REMOVE SPAN WIRE ASSEMBLY	EA	4		4		1		4		4		4		2						23				
2690-90	REMOVE CABLING AND CONDUIT	PI	1		1		1		1		1		1		1						7				
2690-91	REMOVE EXISTING SIGNAL INTERCONNECT CABLE	MI													18				36		54				
2690-100	REMOVE MISCELLANEOUS SIGNAL EQUIPMENT	PI	1		1		1		1		1		1		1						7				
2700-48-18	SIGN PANEL	EA							2												2				
2700-89-1	SIGN ELECTRICALLY POWERED (INTERNALLY ILLUMINATED)	EA	4		4		4		4		4		4		3						27				

VOID

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE	BY	DESCRIPTION

DATE	BY	DESCRIPTION

DATE	BY	DESCRIPTION

DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

1/12/99

TABULATION OF QUANTITIES

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-2

TABULATION OF QUANTITIES

BID ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS T-5 PLAN	T-5 FINAL	T-6 PLAN	T-6 FINAL	T-7 PLAN	T-7 FINAL	T-8 PLAN	T-8 FINAL	T-9 PLAN	T-9 FINAL	T-10 PLAN	T-10 FINAL	T-11 PLAN	T-11 FINAL	T-12 PLAN	T-12 FINAL	T-13 PLAN	T-13 FINAL	TOTAL THIS SHEET PLAN	TOTAL THIS SHEET FINAL	GRAND TOTAL PLAN	GRAND TOTAL FINAL	REF. SHEET
2555-1-1	DIRECTIONAL BORE (LESS THAN 150MM)	MI	48	93.77	36	155.54	94	199.5	64	136.1	100	120.1	85	99.7	27	28.5					454	833.21			
2620-1	GROUNDING	MI	126	339	126	234	87	138	87	165	90	144	117	243	57	126	~~7~~ 6	90	3	12	~~670~~ 675	1491			
2630-1-11	CONDUIT (ABOVEGROUND)	MI	9.0	7.9	6.0	7.6	9.0	0	0	11.0	6.0	8.2	7.6	8.5	0	7.6	~~7.5~~ 15.1	15.8	8.0	7.6	~~52.7~~ 60.7	73.6			
2630-1-12	CONDUIT (UNDERGROUND)	MI	88.0	138.3	7.0	21.42	61.4	45.0	152.5	64.14	33.8	107.3	227.1	319.7	45.3	54.4	~~3.5~~ 37.6	30.62	3.5	0	~~696.2~~ 1385.2	784.88			
2630-1-13	CONDUIT (UNDERPAVEMENT)	MI	79.6	48.5	313.4	138.3	298.1	139.32	203.0	85.12	209.5	21.0	280.1	72.0	1.5	0	~~1.1~~ 0	12.7	~~29.0~~ 0	150	~~446.4~~ 1076.0	532.74			
2630-1-22	CONDUIT (UNDERGROUND) (FURNISH)	MI	114.0	211.54	72.0	299.28	248.0	351.9	172.0	242.6	190.0	216.2	226.0	265.1	54.0	57.0						643.62			
2632-7-1	CABLE (SIGNAL)	PI	1	1	1	1	1	1	1	1	1	1	1	1	1	1					7	7			
2632-8-131	INTERCONNECT INSTALL (AERIAL)	MI															~~7.1~~ 74.1	65.4	8.0	7.6	~~46.5~~ 82.1	75.0			
2632-8-132	INTERCONNECT INSTALL (UNDERGROUND)	MI															~~10.6~~ 37.6	0	~~39.5~~ 0	0	~~527~~ 37.6	0			
2635-1-11	PULL BOX	EA	15	14	19	16	14	14	16	15	12	9	20	19	8	7	~~1~~ 2	4	⚠ 1	2	~~106~~ 107	100			
2639-1-22	ELECTRICAL POWER SERVICE (UNDERGROUND)	AS	1	1	1	1	1	1	1	1	1	1	1	1	1	1					7	7			
2639-2-1	ELECTRICAL SERVICE WIRE	MI	3.0	63.3	3.0	126.06	3.7	114.6	1.0	50.1	66.8	274.8	27.6	222.9	2.2	44.1					107.3	895.56			
2641-41-04	CONCRETE STRAIN POLE (TYPE N-11 SERVICE POLE) (4m)	EA	1	1	1	1	1	1	0	1	1	1	1	1	1	1					6	7			
2647-11-10	SINGLE MAST ARM SIGNAL POLE (10m)	EA													1						1	1			
2647-11-13	SINGLE MAST ARM SIGNAL POLE (13m)	EA					1	1			1	1	1	1							3	3			
2647-11-15	SINGLE MAST ARM SIGNAL POLE (15m)	EA									1	1									1	1			
2647-11-16	SINGLE MAST ARM SIGNAL POLE (16m)	EA					1	1													1	1			
2647-11-18	SINGLE MAST ARM SIGNAL POLE (18m)	EA			1	1							2	2							3	3			
2647-11-19	SINGLE MAST ARM SIGNAL POLE (19m)	EA			1	1							1	1							2	2			
2647-11-22	SINGLE MAST ARM SIGNAL POLE (22m)	EA			2	2															2	2			
2647-13-28	DOUBLE MAST ARM SIGNAL POLE (28m)	EA	2	2											1	1					3	3			
2647-13-30	DOUBLE MAST ARM SIGNAL POLE (30m)	EA							1	1											1	1			
2647-13-31	DOUBLE MAST ARM SIGNAL POLE (31m)	EA							1	1											1	1			
2647-13-36	DOUBLE MAST ARM SIGNAL POLE (36m)	EA					1	1													1	1			
2647-13-39	DOUBLE MAST ARM SIGNAL POLE (39m)	EA									1	1									1	1			
2650-1-111	TRAFFIC SIGNAL, 305mm STANDARD (1-SECT, 1-WAY)	AS													2	2					2	2			
2650-1-131	TRAFFIC SIGNAL, 305mm STANDARD (3-SECT, 1-WAY)	AS	8	8	6	6	4	6	7	7	4	4	11	11	8	6					48	48			
2650-9-151	TRAFFIC SIGNAL, 305mm STANDARD (5-SECT, CLUSTER)	AS			2	2	4	3	2	2	4	4									12	11			
2653-111	PEDESTRIAN SIGNAL (305mm INCANDESCENT, 1-SECT, 1-WAY)	AS	4	4			6	6	4	4	6	6	4	4							24	24			
2653-112	PEDESTRIAN SIGNAL (305mm INCANDESCENT, 1-SECT, 2-WAY)	AS	1	1	4	4	1	1	1	1	1	1	1	1							9	9			
2659-101	SIGNAL HEAD AUXILIARIES (BACK PLATE)	EA	4	4	3	3	2	4	4	4	2	2	4	4	6	6					25	27			
2659-106	SIGNAL HEAD AUXILIARIES (TUNNEL VISOR)	EA	24	24	28	28	32	33	31	31	38	32	33	33	24	20					210	201			
2659-108	SIGNAL HEAD AUXILIARIES (STEEL PEDESTAL)	EA	4	4	4	4	2	1	2	3	1	1	2	2							15	15			
2659-118	SIGNAL HEAD AUXILIARIES (BACK PLATES, 5 SECTION CLUSTER)	EA			1	1	2	1			2	2									5	4			
2660-1-109	INDUCTIVE LOOP DETECTOR (TYPE 9)	EA	11	11	9	9	13	13	11	11	8	8	12	12	2	2					66	66			
2660-1-110	INDUCTIVE LOOP DETECTOR (TYPE 10)	EA			2	2															2	2			
2660-2-102	LOOP ASSEMBLY (TYPE B)	AS	9	9	6	6	9	8	7	7	4	4	7	8	2	2					44	44			
2660-2-106	LOOP ASSEMBLY (TYPE F)	AS	5	5	8	8	8	8	6	6	6	6	7	7	2	2					42	42			
2665-11	PEDESTRIAN DETECTOR (POLE MOUNTED DETECTOR STATION)	EA	0	1			5	6	3	1	6	6	3	3							17	17			
2665-13	PEDESTRIAN DETECTOR (DETECTOR WITH SIGN ONLY)	EA	6	5	4	8	1	2	3	5	2	2	3	3							19	25			
2670-113-01	ACTUATED SOLID STATE CONTROLLER ASSEMBLY	AS	1	1	1	1			1	1	1	1	1	1	1	1					6	6			
2670-113-11	ACTUATED SOLID STATE CONTROLLER ASSEMBLY (ONE PREEMPTION PLAN) (120 VOLT)	AS					1	1													1	1			
2685-319	SYSTEM AUXILIARIES (TELEMETRY RECEIVER)	EA	1	1	1	1	1	1	0	1	0	1	1	1	1	1					5	7			
2685-328	SYSTEM AUXILIARIES (INTERFACE PANEL)	EA	1	1	1	1	1	1	0	1	0	1	1	1	1	1					5	7			
2690-10	REMOVE TRAFFIC SIGNAL HEAD ASSEMBLY	EA	12	12	9	9	9	9	8	8	10	10	11	11	5	5					64	64			
2690-20	REMOVE PEDESTRIAN SIGNAL ASSEMBLY	EA	6	6	8	8	8	8	6	6	8	8	6	6	-						42	42			
2690-30	REMOVE POLES	EA	4	4	4	4	2	2	4	1	4	4	2	2	3	3					23	20			
2690-50	REMOVE CONTROLLER ASSEMBLY	EA	1	1	1	1	1	1	1	1	1	1	1	1	1	1					7	7			
2690-80	REMOVE SPAN WIRE ASSEMBLY	EA	4	5	4	4	1	1	4	4	4	4	4	4	2	2					23	24			
2690-90	REMOVE CABLING AND CONDUIT	PI	1	1	1	1	1	1	1	1	1	1	1	1	1	1					7	7			
2690-91	REMOVE EXISTING SIGNAL INTERCONNECT CABLE	MI													18	0	~~0~~ 36 ⚠	140.2	36.6	⚠ ~~15.4~~ 90	54.6	201.16			
2690-100	REMOVE MISCELLANEOUS SIGNAL EQUIPMENT	PI	1	1	1	1	1	1	1	1	1	1	1	1	1	1					7	7			
2700-48-18	SIGN PANEL	EA							2	2											2	2			
2700-89-1	SIGN ELECTRICALLY POWERED (INTERNALLY ILLUMINATED)	EA	4	4	4	4	4	4	4	4	4	4	4	4	3	3					27	27			
2632-8-111	INTERCONNECT FURNISH & INSTALL (AERIAL)	MI															~~0~~ 15.1	18.5			~~0~~ 15.1	18.5			
2632-8-112	INTERCONNECT FURNISH & INSTALL (UNDERGROUND) ⚠	MI															~~0~~ 37.6	37.6	~~0~~ 39.5	64.6	~~0~~ 39.5	102.2			
2634-4-114	SPAN WIRE ASSEMBLY	PI															~~0~~ 2	2			~~0~~ 2	2			
2635-1-12	PULL BOX (AERIAL)	EA															~~0~~ 1	1			~~0~~ 1	1			

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	MJO	⚠ REVISED INTERCONNECT									

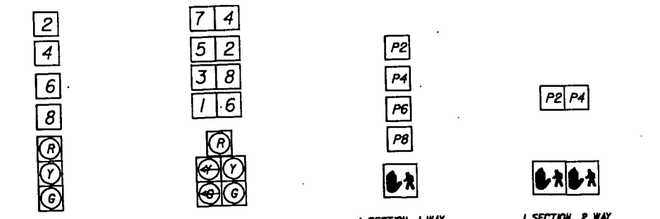
Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TABULATION OF QUANTITIES

Mitchell 5/8/00 Revision #1 Construction

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-9



3 SECTION, 1 WAY — 2650-1-131 — 4 AS

5 SECTION, 1 WAY — 2650-9-151 — 4 AS

1 SECTION, 1 WAY — 2653-111 — 6 AS

1 SECTION, 2 WAY — 2653-112 — 1 AS

2659-106 — 38 EA TUNNEL VISORS FOR ALL MOVEMENTS

2659-101 — 32 — 2 EA BACK PLATES FOR MOVEMENTS 2 AND 6.

2659-118 — 2 EA BACK PLATE FOR MOVEMENTS 1/6 & 2/5

SIGNAL HEAD DETAILS

POLE DATA

POLE (1) STATION 257+60.250, U.S. 92, 14.330 LT ELEV. 41.67
ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 41.78

POLE (2) STATION 257+91.200, U.S. 92, 19.330 RT ELEV. 41.75
ARM "A" ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 41.74
ARM "B" ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 41.90

POLE (3) STATION 257+96.980, U.S. 92, 14.590 LT ELEV. 41.80
ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 41.76

CONTROLLER OPERATIONS:

1. MAJOR STREET IS S.R. 546 (U.S. 92) , PHASE 3 (MOVEMENTS 2 AND 6), AND MINOR STREET IS INGRAHAM AVE. PHASE 6 (MOVEMENTS 4 AND 8).
2. SIGNAL OPERATING PLAN #10 WITH THE FOLLOWING:
   A. COORDINATION ON PHASE 3 (MOVEMENTS 2 AND 6) TIME-BASE. SIGNAL IS COORDINATED WITH PHASE 3 (MOVEMENTS 2 AND 6).
   B. CONCURRENT/ACTUATED PEDESTRIANS FOR MOVEMENTS 2 (P2), 4 (P4), 6 (P6) AND 8 (P8). THE FORCE-OFF FUNCTION FOR PHASE 6 SHALL NOT BE EFFECTIVE DURING THE TIMING OF PEDESTRIAN CLEARANCE INTERVAL FOR P4 AND P8. SYNCHRONIZATION SHALL BE MAINTAINED. THE CONTROLLER SHALL REMAIN IN THE COORDINATED MODE AND SHALL NOT REVERT TO ISOLATED OPERATION AS A RESULT OF PEDESTRIAN ACTUATION.
   C. THE YIELD POINT SHALL BE THE POINT IN THE CYCLE WHERE THE COORDINATED PHASE 3 (MOVEMENTS 2 AND 6) IS TERMINATED SUBJECT TO THE PRESENCE OF A CONFLICTING CALL. THE YIELD POINT SHALL BE THE ZERO PERCENT OFFSET OF THE LOCAL CYCLE LENGTH.
3. SIGNAL TIMING MAY REQUIRE FIELD ADJUSTMENTS .

NOTES:

1. TYPE "F" LOOPS TO BE 1.8m x 12.0m AND PLACED 600mm BEHIND STOP BAR.

CONTROLLER TIMING PLAN

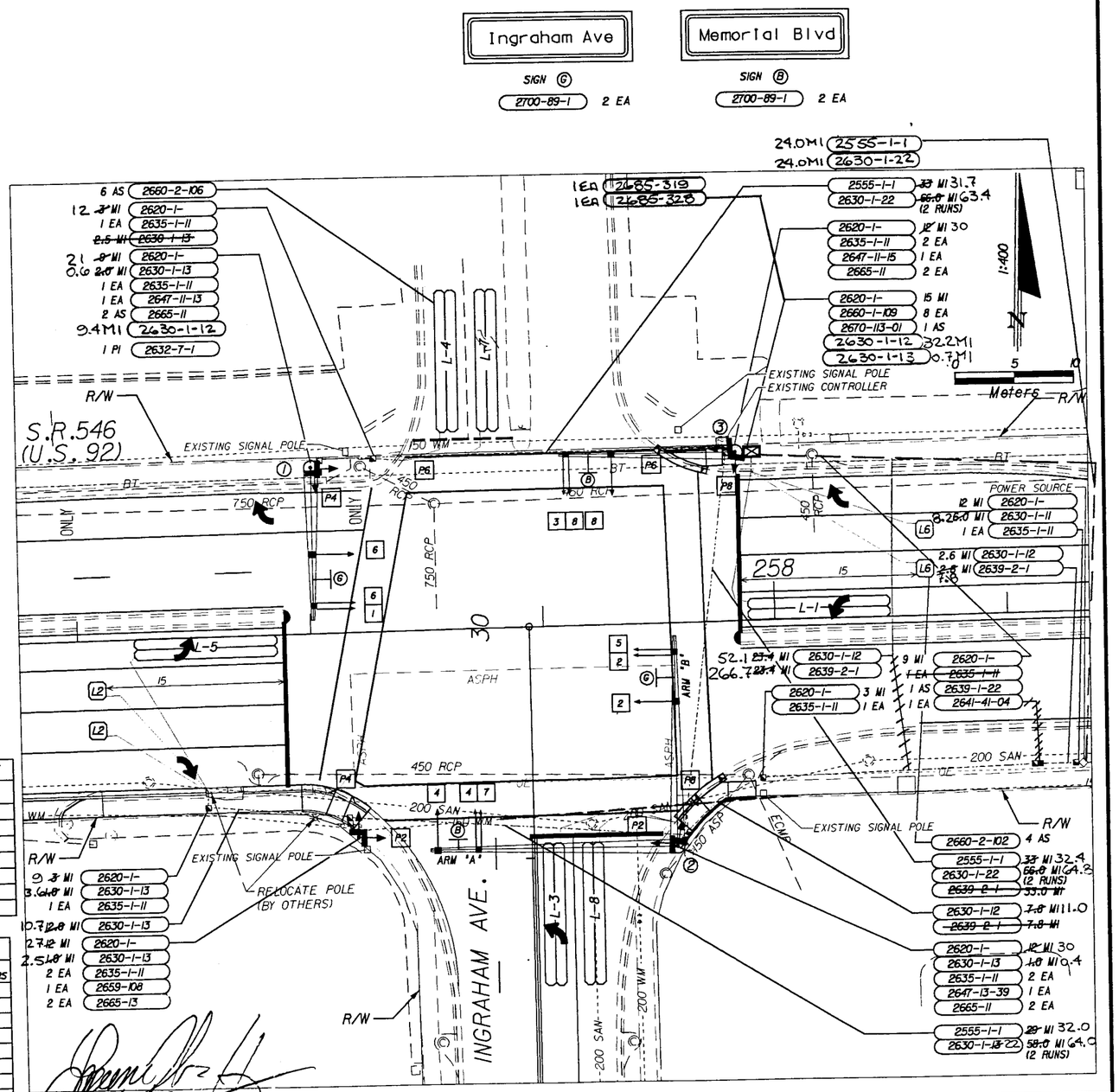
TIMING FUNCTION	1	2	3	4	5	6	7	8
MOVEMENT NUMBER	1	2	3	4	5	6	7	8
MINIMUM GREEN (INITIAL)	7	27	7	28	7	27	7	28
EXTENSION (PASSAGE)	6	6	5	5	6	6	5	5
MAXIMUM GREEN I	13	65	12	33	13	65	12	33
MAXIMUM GREEN II	-	-	-	-	-	-	-	-
YELLOW	4.0	4.0	3.5	3.5	4.0	4.0	3.5	3.5
ALL RED	2.5	2.5	2.5	3.0	2.5	2.5	2.5	3.0
PEDESTRIAN WALK	-	7	-	7	-	7	-	7
FLASHING DON'T WALK	-	20	-	21	-	20	-	21
RECALL	-	MIN	-	-	-	MIN	-	-

REMOVE EXIST. SIGNAL EQUIPMENT

ITEM NO.	UNIT	QTY.
2690-10-	EA	10
2690-20-	EA	8
2690-30-	EA	4
2690-50-	EA	1
2690-80-	EA	4
2690-90-	PI	1
2690-100-	PI	1

DETECTORS FOR LOOPS

LOOPS	NO. OF LOOPS	NO. OF DETECTORS	NO. OF TD DETECTORS
L-1	1	1	
L-2	2	1	
L-3	1	1	
L-4	1	1	
L-5	1	1	
L-6	2	1	
L-7	1	1	
L-8	1	1	



1/12/99

DATE	BY	DESCRIPTION

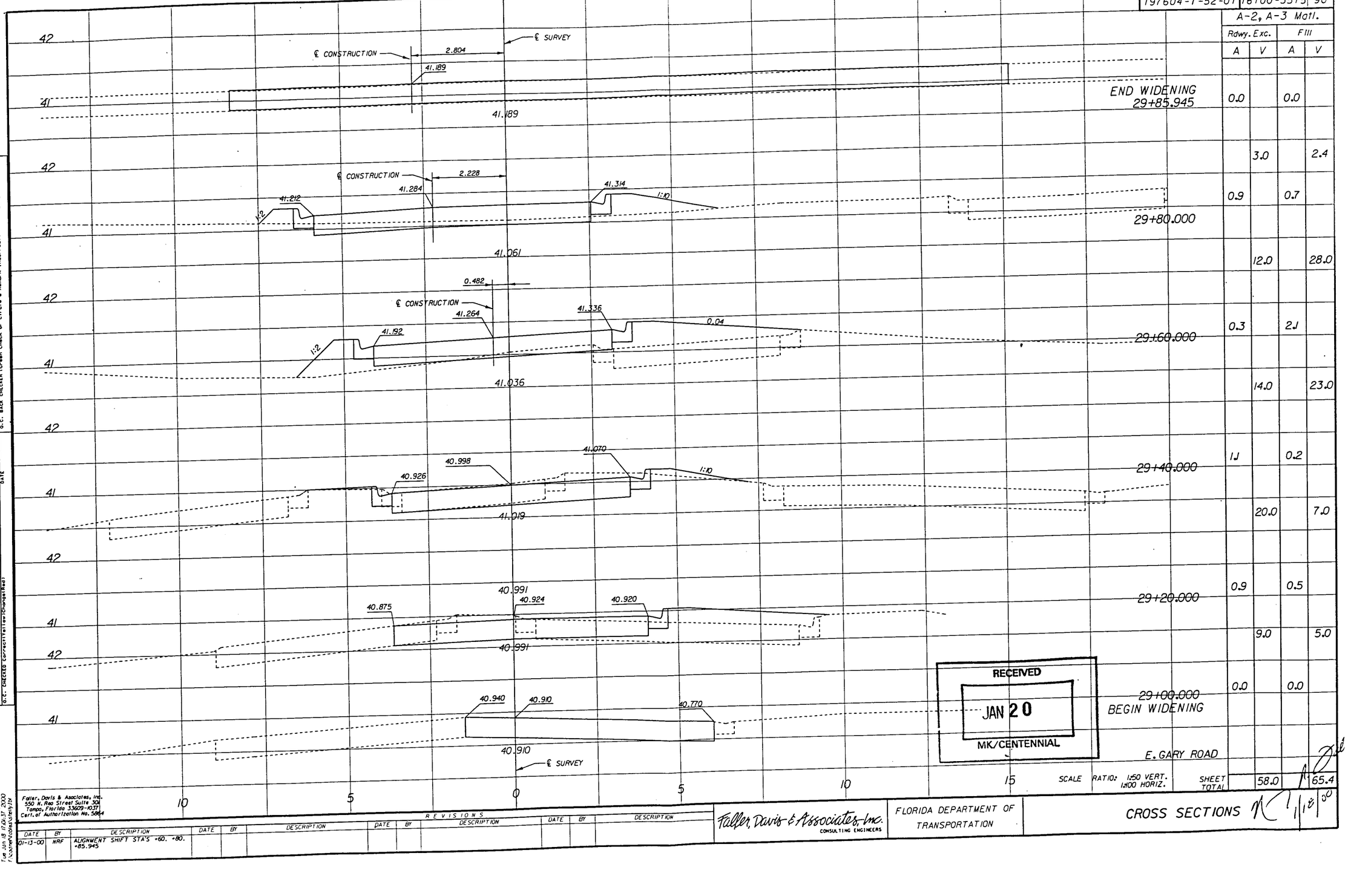
Fuller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNALIZATION PLAN (LOCATION 5)
S.R. 546 (U.S. 92) & INGRAHAM AVE.

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE: C.C.C. CHECKED Corrections letter Chapman Pkg

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	90


42
41
42
41
42
41

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	91

GENERAL NOTES

1. THE CONTRACTOR'S MAINTENANCE OF TRAFFIC FOR THE PROJECT SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. THE STATE OF FLORIDA 1998 ROADWAY AND TRAFFIC DESIGN STANDARDS SHALL APPLY TO ALL PHASES OF THIS PROJECT.
2. INSTALL CONSTRUCTION SIGNS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND MAINTAIN SAME IN ACCORDANCE WITH THE APPROVED TRAFFIC CONTROL PLAN.
3. WHENEVER CONSTRUCTION EQUIPMENT IS BEING DRIVEN OR TRANSPORTED ON OPEN TRAVEL LANES. THE CONTRACTOR SHALL COMPLY WITH INDEX NO. 627.
4. ALL COST TO MAINTAIN TRAFFIC NOT INCLUDED SPECIFICALLY AS A BID ITEM SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR MAINTENANCE OF TRAFFIC, 2102-1.
5. TEMPORARY RAISED PAVEMENT MARKINGS, AND PAINT ARE REQUIRED ON ALL CENTERLINE MARKINGS THAT ARE REPLACED AFTER GRINDING AND REPAIR OPERATIONS.
6. LANE CLOSURES SHALL OCCUR ONLY DURING NON-PEAK HOURS. PEAK HOURS ARE FROM 5:30 AM TO 7:30 PM.
7. LANES USED FOR MAINTENANCE OF TRAFFIC SHALL HAVE PAVED SURFACES.
8. LANE CLOSURES WILL NOT EXCEED 0.80 km IN LENGTH.

OFF-DUTY LAW ENFORCEMENT OFFICER	
PURPOSE	MANHOURS
NIGHT WORK (300 DAYS X 8 HRS)	2400
TOTAL	2400

TRAFFIC CONTROL PHASE PLAN

1. WORK SHALL BE PERFORMED IN ACCORDANCE WITH INDEX 600, AND 623.
2. WORK FOR THE SIDE STREETS SHALL BE PERFORMED IN ACCORDANCE WITH INDEX 602, 604, 620, & 623.

PHASE I PATCH/REPAIR/REPLACE CONCRETE PAVEMENT UTILIZING INDEX NO. 622 & 623.

PHASE II REMOVE EXISTING SEPARATORS AND INSTALL NEW SEPARATORS ALONG S.R. 546 UTILIZING INDEX NO. 622 & 623.

PHASE III GRIND EXISTING CONCRETE PAVEMENT UTLIZING INDEX NO. 622 & 623.

PHASE IV SAWCUT EXISTING JOINTS AND RESEAL/SEAL CRACKS UTILIZING INDEX NO. 622 & 623.

PHASE V RESTRIPE EXISTING ROADWAY UTILIZING INDEX NO. 627.

CONCURRENT WORK:

1. CONSTRUCT E. GARY ROAD MODIFICATIONS IN ACCORDANCE WITH TRAFFIC CONROL PLAN (4). TRAFFIC CONTROL PLAN (5). AND TRAFFIC CONTROL PLAN(6).
2. CONSTRUCT PAVED SHOULDER UTILIZING INDEX NO. 623.
3. CONSTRUCT RIGHT TURN LANE AT INGRAHAM AVE & RIGHT TURN LANE AT SERTOMA PARK. UTILIZING INDEX NO. 623.
4. CONSTRUCT RELOCATED GOLCONDA ROAD UTILIZING INDEX NO. 623.
5. CONSTRUCT WIDENING & NEW TRAFFIC SEPARATOR ALONG M. L. KING BLVD AND LAKE PARKER AVE UTILIZING INDEX NO. 623.
6. CONSTRUCT CURB & GUTTER, CONCRETE DRIVEWAYS AND CURB CUT RAMPS UTILIZING INDEX NO. 623. & 660.
7. INSTALL SIGNING UTILIZING INDEX NO. 622.
8. INSTALL SIGNALS UTILIZING INDEX NO. 622 & 623.
9. INSTALL ROADWAY LIGHTING UTILIZING INDEX NO. 622 & 623.
10. CONSTRUCT DRAINAGE IMPROVEMENTS UTILIZING INDEX NO. 622 & 623.
11. INSTALL SODDING UTILIZING INDEX NO. 623.
12. INSTALL GUARDRAIL AND FENCING UTILIZING INDEX NO. 623.
13. INSTALL LANDSCAPING (F.P. ID 197609-1-52-01) UTILIZING INDEX NO. 623.

NOTE:
PEDESTRIAN CONTROLS SHALL BE IN ACCORDANCE WITH STANDARD INDEX 600 & 660.
ALL CONCURRENT WORK IS TO BE COMPLETED PRIOR TO PHASE III.

QUALITY CONTROL /QUALITY ASSURANCE REVIEW
DESIGNER (Signature & Date) | DATE
QC. B&C. CHECKER (Green Check or Circle & Remark Incorrect) | DATE
QC. B&C. CHECKER (Corrections Changed/Read) | DATE

REVISIONS									
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

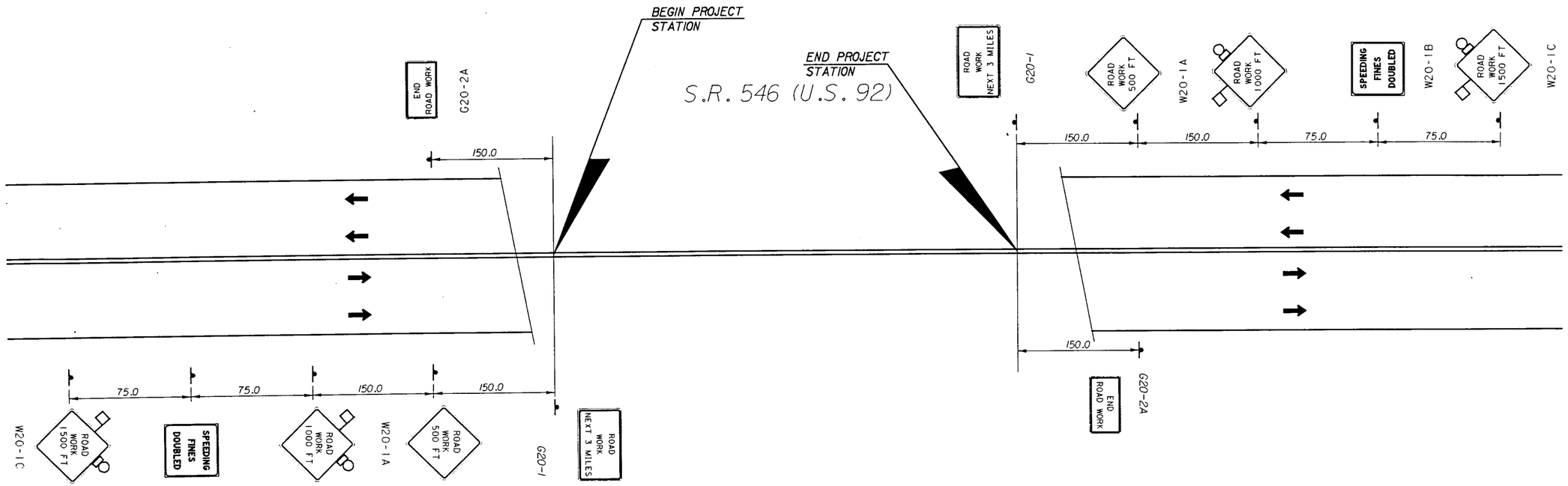
Fuller, Davis & Associates, Inc. CONSULTING ENGINEERS

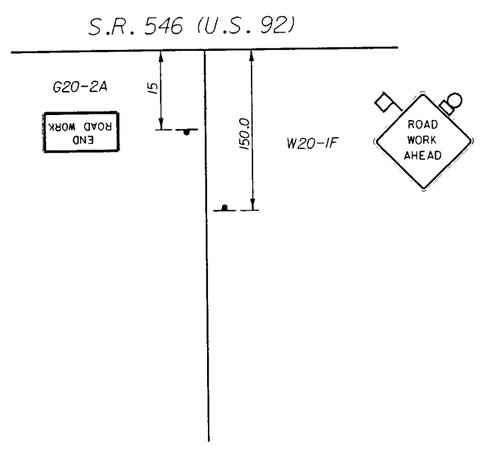
FLORIDA DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN (1)

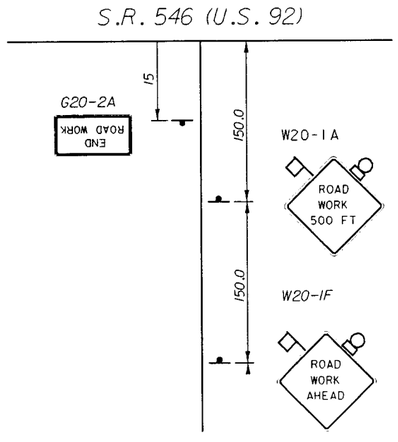
FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	92

N.T.S.





UNSIGNALIZED SIDE STREET TYPICAL



SIGNALIZED SIDE STREET TYPICAL

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DESIGNED	DATE	DESIGN FIRM (Name, Address, Tel. Number)
CHECKED	DATE	
QC/QA	DATE	

REVISIONS							
DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE

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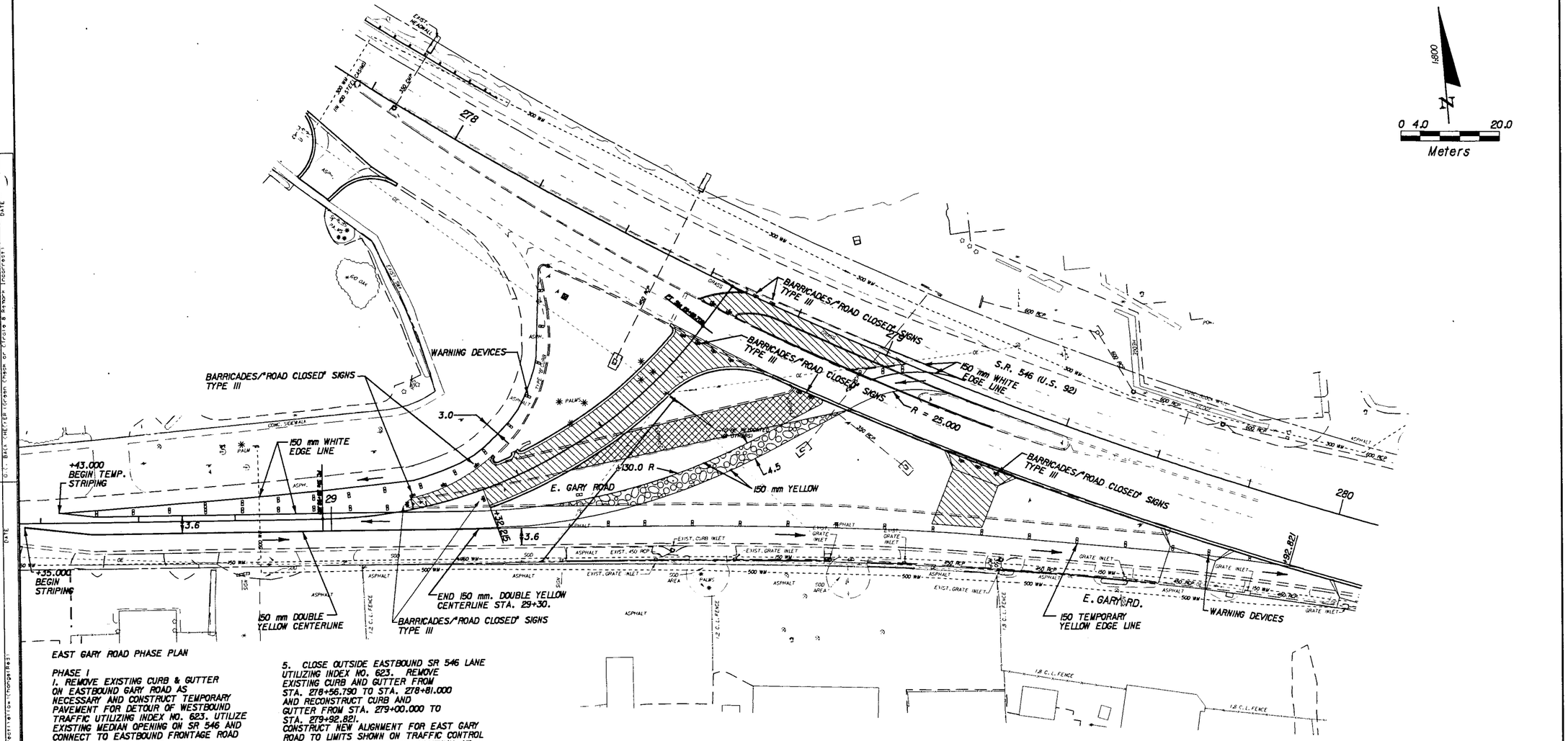
FLORIDA DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN (2)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	93



EAST GARY ROAD PHASE PLAN

PHASE I

1. REMOVE EXISTING CURB & GUTTER ON EASTBOUND GARY ROAD AS NECESSARY AND CONSTRUCT TEMPORARY PAVEMENT FOR DETOUR OF WESTBOUND TRAFFIC UTILIZING INDEX NO. 623. UTILIZE EXISTING MEDIAN OPENING ON SR 546 AND CONNECT TO EASTBOUND FRONTAGE ROAD UTILIZING INDEX NO. 625.

EXISTING TRAFFIC SIGNAL SHALL REMAIN IN OPERATION THROUGHOUT THIS PHASE.

2. RESTRIPE EASTBOUND FRONTAGE ROAD TO A 3.6 METER LANE TO THE OUTSIDE FOR EASTBOUND TRAFFIC AND STRIPE A 3.6 METER WESTBOUND LANE FROM TEMPORARY PAVEMENT DETOUR TO THE GORE AREA.

3. RESTRIPE CURVED SOUTHWEST RAMP TO A 3.0 METER LANE TO THE INSIDE AND PLACE WARNING DEVICES IN GORE AREA OF TWO WESTBOUND LANES.

4. REMOVE EXISTING ASPHALT PAVEMENT ON WESTBOUND GARY ROAD FROM DETOUR WEST TO LIMITS SHOWN ON PLAN.

5. CLOSE OUTSIDE EASTBOUND SR 546 LANE UTILIZING INDEX NO. 623. REMOVE EXISTING CURB AND GUTTER FROM STA. 278+56.790 TO STA. 278+81.000 AND RECONSTRUCT CURB AND GUTTER FROM STA. 279+00.000 TO STA. 279+92.821. CONSTRUCT NEW ALIGNMENT FOR EAST GARY ROAD TO LIMITS SHOWN ON TRAFFIC CONTROL PLAN. PARTIALLY CONSTRUCT DRIVEWAY AT STA 279+25.

6. CLOSE WESTBOUND INSIDE LANE ON SR 546 UTILIZING INDEX NO. 623. REMOVE EXISTING CURB AND CONSTRUCT NEW LEFT TURN LANE AND NEW MEDIAN CURB FROM STA. 278+67.610 TO 279+00.000.

7. CLOSE EASTBOUND INSIDE LANE ON SR 546 UTILIZING INDEX NO. 623. REMOVE REMAINDER OF EXISTING CURB IN MEDIAN. CONSTRUCT REMAINDER OF WIDENING AT MEDIAN OPENING AND PLACE CURB FROM STA 278+68.727 TO STA 278+94.500.

8. CONSTRUCT NEW SIGNAL AT THE NEW MEDIAN OPENING AND HAVE OPERATIONAL PRIOR TO PHASE II CONSTRUCTION.

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
D.E.: (Name) (Signature) DATE
D.E.: (Name) (Signature) DATE

REVISIONS									
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

E. GARY ROAD - PHASE I

TRAFFIC CONTROL PLAN (3)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	94

1:800

0 4.0 20.0

Meters

150 mm WHITE EDGE LINE

150 mm YELLOW EDGE LINE

279

S.R. 546 (U.S. 92)

150 mm WHITE EDGE LINE

WARNING DEVICES

BARRICADES/"ROAD CLOSED" SIGNS TYPE III

E. GARY ROAD

150 mm WHITE EDGE LINE

150 mm WHITE EDGE LINE

150 mm WHITE EDGE LINE

+35.765

+83.908

29

3.0

3.0

60.0 R

WARNING DEVICES 280

+50.837

3.6

150 mm DOUBLE YELLOW CENTERLINE FROM PHASE I

BARRICADES/"ROAD CLOSED" SIGNS TYPE III

150 mm YELLOW EDGE LINE

E. GARY RD.

150 mm YELLOW EDGE LINE

PHASE II

1. RESTRIPE THE NEWLY CONSTRUCTED EAST GARY ROAD TO PROVIDE FOR A 3.0 METER LANE FOR WESTBOUND TRAFFIC FROM SR 546.

SHIFT TRAFFIC TO THIS LANE UTILIZING THE NEWLY CONSTRUCTED MEDIAN OPENING AND SIGNAL. EASTBOUND GARY ROAD AND SOUTHWEST RAMP SHALL REMAIN AS SHOWN IN PHASE I. WARNING DEVICES SHALL BE ADJUSTED TO ACCOMODATE NEW GORE AREA

2. CONSTRUCT A PORTION OF EAST GARY ROAD TO THE LIMITS SHOWN ON THE PLANS.

3. CLOSE INSIDE EASTBOUND AND INSIDE WESTBOUND LANES OF SR 546 UTILIZING INDEX NO. 623. REMOVE MEDIAN CURB AND EXISTING ASPHALT PAVEMENT IN THE OLD MEDIAN OPENING. CONSTRUCT REMAINDER OF CURB IN MEDIAN.

4. REMOVE TEMPORARY PAVEMENT FOR DETOUR. CONSTUCT PERMANENT CURB AT DETOUR ENTRANCE UTILIZING INDEX NO. 623.

PERMANENT CONSTRUCTION

PAVEMENT REMOVAL

DIRECTION OF TRAVEL

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE

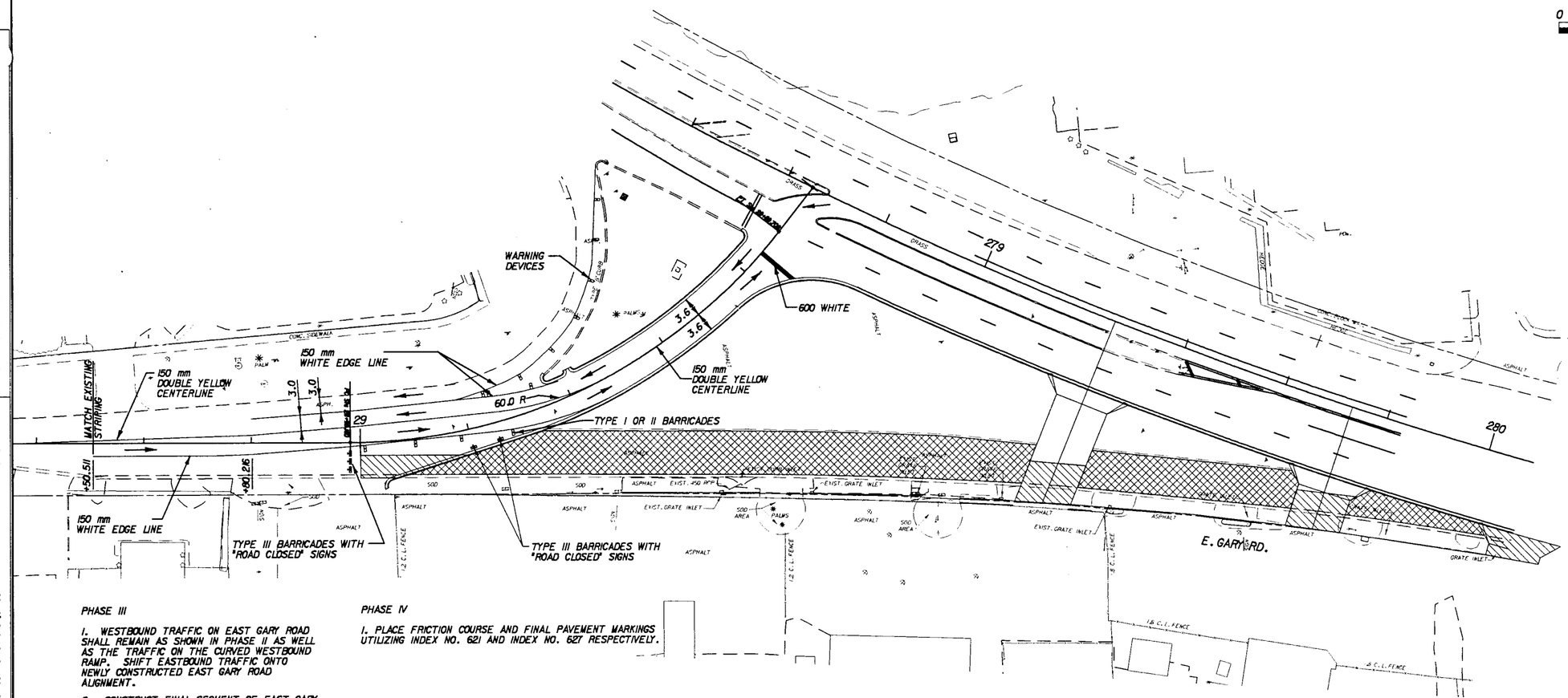
DATE

DATE

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	95

1:800

0 4.0 20.0
Meters



PHASE III

1. WESTBOUND TRAFFIC ON EAST GARY ROAD SHALL REMAIN AS SHOWN IN PHASE II AS WELL AS THE TRAFFIC ON THE CURVED WESTBOUND RAMP. SHIFT EASTBOUND TRAFFIC ONTO NEWLY CONSTRUCTED EAST GARY ROAD ALIGNMENT.

2. CONSTRUCT FINAL SEGMENT OF EAST GARY ROAD INCLUDING FINAL CURB AND GUTTER ACROSS OLD FRONTAGE ROAD.

3. REMOVE EXISTING ASPHALT ON THE OLD FRONTAGE ROAD. REMOVE EXISTING CURB INLETS AND EXISTING CURB AND GUTTER. SAW CUT EXISTING OLD DRIVEWAY APRONS AT RIGHT OF WAY. SOD ALL DISTURBED AREAS.

4. CONSTRUCT THE REMAINING PORTIONS OF DRIVEWAYS DURING NON BUSINESS HOURS. DRIVEWAY ACCESS MUST BE MAINTAINED AT ALL TIMES.

PHASE IV

1. PLACE FRICTION COURSE AND FINAL PAVEMENT MARKINGS UTILIZING INDEX NO. 621 AND INDEX NO. 627 RESPECTIVELY.

PERMANENT CONSTRUCTION

PAVEMENT REMOVAL

DIRECTION OF TRAFFIC

E. GARY ROAD - PHASE III

REVISIONS							
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN (5)

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

VOID

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

VOID

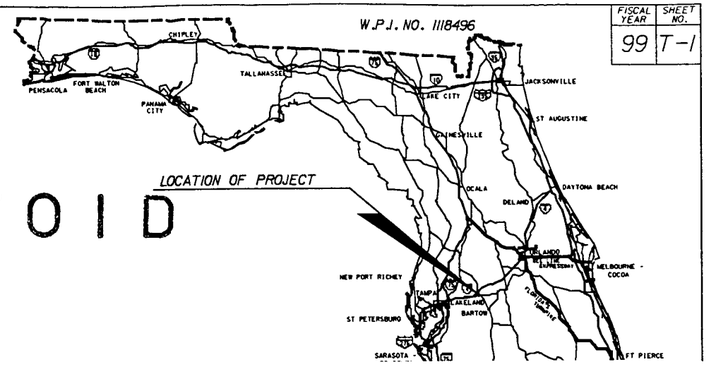
PLANS OF PROPOSED STATE HIGHWAY

VOID

FINANCIAL PROJECT NO. 197604-1-52-01
STATE PROJECT NO. 16100-3515
(FEDERAL FUNDS)
POLK COUNTY
STATE ROAD NO. 546 (U.S. 92)
SIGNALIZATION PLANS

W.P.I. NO. 1118496

FISCAL YEAR	SHEET NO.
99	T-1



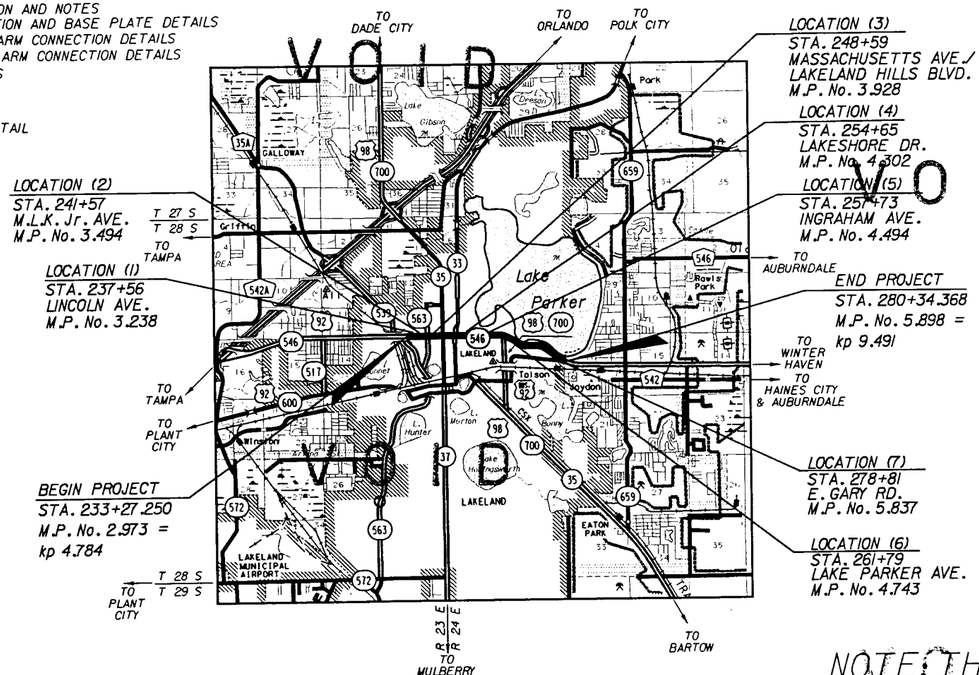
VOID

INDEX OF SIGNALIZATION PLANS

SHEET NO.	SHEET DESCRIPTION
T-1	KEY SHEET
T-2 AND T-3	TABULATION OF QUANTITIES
T-4	GENERAL NOTES
T-5 THRU T-11	SIGNALIZATION PLAN SHEETS
T-12 THRU T-15	INTERCONNECT PLAN
T-16 AND T-17	MAST ARM DETAIL & SCHEDULE
T-18	CANTILEVER SIGNAL STRUCTURE ELEVATION AND NOTES
T-19	CANTILEVER SIGNAL STRUCTURE FOUNDATION AND BASE PLATE DETAILS
T-20	CANTILEVER SIGNAL STRUCTURE SINGLE ARM CONNECTION DETAILS
T-21	CANTILEVER SIGNAL STRUCTURE DOUBLE ARM CONNECTION DETAILS
T-22 THRU T-25	TABLE OF SIGNAL STRUCTURE VARIABLES
T-26	CPT LOCATION SHEET
T-27	REPORT OF CORE BORINGS
T-28	SPECIAL ELECTRICAL POWER SERVICE DETAIL
T-29 THRU T-31	OVERHEAD STREET NAME SIGN DETAILS

VOID

VOID



VOID

Contractor:	APAC of Fla., Inc.
Design Consultant:	Faller, Davis & Assoc., Inc.
CEI Consultant:	MK Centennial
District Secretary:	David Twiddy, Jr. P.E.
Resident Engineer:	Jonathan Sands, P.E.
Project Engineer:	George D. McClintock
Conditional Acceptance:	December 18, 2000

N

0 1 2
KILOMETERS
1:150 000

SIGNALIZATION SHOP DRAWINGS TO BE SUBMITTED TO:
LAWRENCE T. HAGEN, P.E.
P.E. NO. 43968

PLANS PREPARED BY
FALLER, DAVIS & ASSOCIATES, INC.
550 N. REO STREET
SUITE 301
TAMPA, FLORIDA 33609
(813) 261-5136
VENDOR NO. F592594956001

THESE PLANS ARE DESIGNED TO MEET FDOT R-R-R CRITERIA.

NOTE: THIS PROJECT TO BE LET TO CONTRACT WITH FINANCIAL PROJECT ID 197609-1-52-01

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ALTERED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

GOVERNING SPECIFICATIONS: STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS, DATED 1999, SUPPLEMENTS AND SPECIAL PROVISIONS THERETO IF NOTED IN THE CONTRACT SPECIFICATIONS FOR THIS PROJECT.

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, ROADWAY AND TRAFFIC DESIGN STANDARDS (BOOKLET DATED JANUARY, 1998).

VOID

NOTE: THIS IS A METRIC UNIT PROJECT

REVISIONS		
DATE	BY	DESCRIPTION

SIGNALIZATION PLANS ENGINEER OF RECORD: LAWRENCE THOMAS HAGEN, P.E.
DATE: 11/2/99
P.E. NO.: 43968

16100-3515

FDOT PROJECT MANAGER : J.R. MacCalla, Jr.

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

FISCAL YEAR	SHEET NO.
99	T-1

W.P.I. NO. 1118496

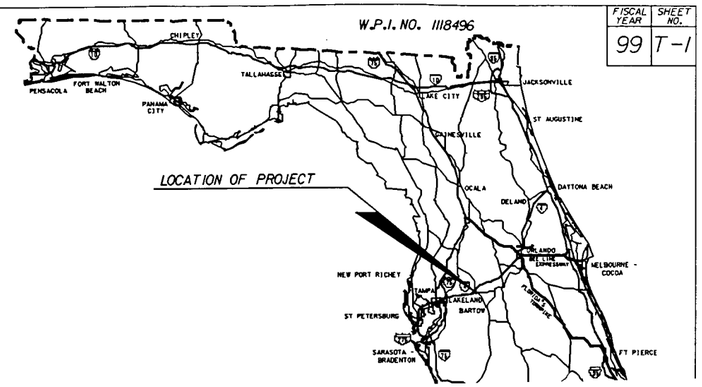
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

FINAL PLANS

~~*PLANS OF PROPOSED*~~

STATE HIGHWAY

FINANCIAL PROJECT NO. 197604-1-52-01
STATE PROJECT NO. 16100-3515
(FEDERAL FUNDS)
POLK COUNTY
STATE ROAD NO. 546 (U.S. 92)
SIGNALIZATION PLANS



INDEX OF SIGNALIZATION PLANS

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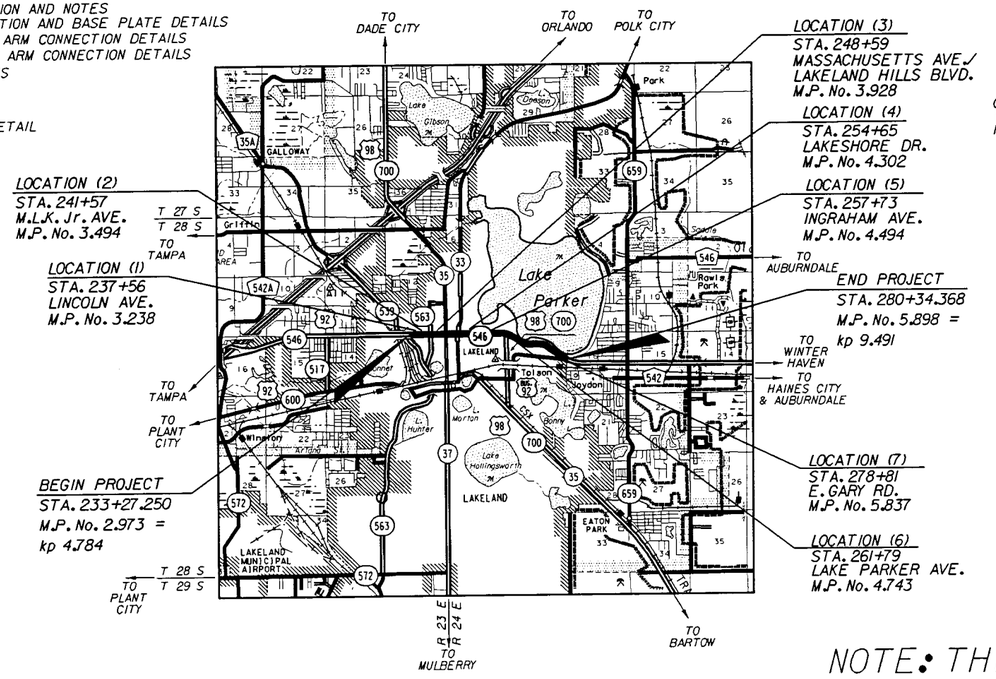
T-27	REPORT OF CORE BORINGS
T-28	SPECIAL ELECTRICAL POWER SERVICE DETAIL
T-29 THRU T-31	OVERHEAD STREET NAME SIGN DETAILS

REVISIONS

⚠ REVISED	07/18/00	TABULATION OF QUANTITIES SHEETS T-2 AND T-3
⚠ REVISED	07/18/00	INTERCONNECT PLAN SHEETS T-12 THRU T-15

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, ROADWAY AND TRAFFIC DESIGN STANDARDS (BOOKLET DATED JANUARY, 1998).



Contractor:	APAC of Fla., Inc.
Design Consultant:	Faller, Davis & Assoc., Inc.
CEI Consultant:	MK Centennial
District Secretary:	David Twiddy, Jr. P.E.
Resident Engineer:	Jonathan Sands, P.E.
Project Engineer:	George D. McClintock
Conditional Acceptance:	December 18, 2000

N

0 1
KILOMETERS
1:50 000

SIGNALIZATION SHOP DRAWINGS TO BE SUBMITTED TO:
LAWRENCE T. HAGEN, P.E.
P.E. NO. 43968

PLANS PREPARED BY
FALLER, DAVIS & ASSOCIATES, INC.
550 N. REO STREET
SUITE 301
TAMPA, FLORIDA 33609
(813) 261-5136
VENDOR NO. F592594956001

THESE PLANS ARE DESIGNED TO MEET FDOT R-R-R CRITERIA.

NOTE: THIS PROJECT TO BE LET TO CONTRACT WITH FINANCIAL PROJECT ID 197609-1-52-01

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GOVERNING SPECIFICATIONS: STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS, DATED 1999, SUPPLEMENTS AND SPECIAL PROVISIONS THERETO IF NOTED IN THE CONTRACT SPECIFICATIONS FOR THIS PROJECT.

NOTE: THIS IS A METRIC UNIT PROJECT

REVISIONS		
DATE	BY	DESCRIPTION

MK 8/31/00 Construction Revision #1

SIGNALIZATION PLANS ENGINEER OF RECORD: _____
LAWRENCE THOMAS HAGEN, P.E.
DATE: _____
P.E. NO.: 43968

16100-3515

FDOT PROJECT MANAGER : J.R. MacCalla, Jr.

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-2

TABULATION OF QUANTITIES

BID ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS T-5 PLAN	T-5 FINAL	T-6 PLAN	T-6 FINAL	T-7 PLAN	T-7 FINAL	T-8 PLAN	T-8 FINAL	T-9 PLAN	T-9 FINAL	T-10 PLAN	T-10 FINAL	T-11 PLAN	T-11 FINAL	T-12 PLAN	T-12 FINAL	T-13 PLAN	T-13 FINAL	TOTAL THIS SHEET PLAN	TOTAL THIS SHEET FINAL	GRAND TOTAL PLAN	GRAND TOTAL FINAL	REF. SHEET
2555-1-1	DIRECTIONAL BORE (LESS THAN 150MM)	MI	48		36		94		64		100		85		27						454				
2620-1	GROUNDING	MI	126		126		87		87		90		117		57		3		3		672				
2630-1-11	CONDUIT (ABOVEGROUND)	MI	9.0		6.0		9.0				6.0		7.6				7		8.0		52.7				
2630-1-12	CONDUIT (UNDERGROUND)	MI	88.0		7.0		61.4		152.5		33.8		227.1		45.3		35		3.5		662.1				
2630-1-13	CONDUIT (UNDERPAVEMENT)	MI	79.6		313.4		298.1		203.0		209.5		280.1		1.5		4.1		29.0		1418.3				
2630-1-22	CONDUIT (UNDERGROUND) (FURNISH)	MI	114.0		72.0		248.0		172.0		190.0		226.0		54.0						1076.0				
2632-7-1	CABLE (SIGNAL)	PI	1		1		1		1		1		1		1						7				
2632-8-131	INTERCONNECT INSTALL (AERIAL)	MI															7.1		8.0		15.1				
2632-8-132	INTERCONNECT INSTALL (UNDERGROUND)	MI															12.6		39.5		52.1				
2635-1-11	PULL BOX	EA	15		19		14		16		12		20		8		1		1		106				
2639-1-22	ELECTRICAL POWER SERVICE (UNDERGROUND)	AS	1		1		1		1		1		1		1						7				
2639-2-1	ELECTRICAL SERVICE WIRE	MI	3.0		3.0		3.7		1.0		66.8		27.6		2.2						107.3				
2641-41-04	CONCRETE STRAIN POLE (TYPE N-II SERVICE POLE) (4m)	EA	1		1		1				1		1		1						6				
2647-11-10	SINGLE MAST ARM SIGNAL POLE (10m)	EA													1						1				
2647-11-13	SINGLE MAST ARM SIGNAL POLE (13m)	EA					1				1		1								3				
2647-11-15	SINGLE MAST ARM SIGNAL POLE (15m)	EA									1										1				
2647-11-16	SINGLE MAST ARM SIGNAL POLE (16m)	EA					1						2								1				
2647-11-18	SINGLE MAST ARM SIGNAL POLE (18m)	EA			1								1								3				
2647-11-19	SINGLE MAST ARM SIGNAL POLE (19m)	EA			2																2				
2647-11-22	SINGLE MAST ARM SIGNAL POLE (22m)	EA	2												1						2				
2647-13-28	DOUBLE MAST ARM SIGNAL POLE (28m)	EA							1												3				
2647-13-30	DOUBLE MAST ARM SIGNAL POLE (30m)	EA							1												1				
2647-13-31	DOUBLE MAST ARM SIGNAL POLE (31m)	EA					1														1				
2647-13-36	DOUBLE MAST ARM SIGNAL POLE (36m)	EA									1										1				
2647-13-39	DOUBLE MAST ARM SIGNAL POLE (39m)	AS													2						2				
2650-1-111	TRAFFIC SIGNAL, 305mm STANDARD (1-SECT. 1-WAY)	AS	8		6		4		7		4		11		8						48				
2650-1-131	TRAFFIC SIGNAL, 305mm STANDARD (3-SECT. 1-WAY)	AS			2		4		2		4										12				
2650-9-151	TRAFFIC SIGNAL, 305mm STANDARD (5-SECT. CLUSTER)	AS	4				6		4		6		4								24				
2653-111	PEDESTRIAN SIGNAL (305mm INCANDESCENT, 1-SECT. 1-WAY)	AS	1		4		1		1		1		1								9				
2653-112	PEDESTRIAN SIGNAL (305mm INCANDESCENT, 1-SECT. 2-WAY)	EA	4		3		2		4		2		4		6						25				
2659-101	SIGNAL HEAD AUXILIARIES (BACK PLATE)	EA	24		28		32		31		38		33		24						210				
2659-106	SIGNAL HEAD AUXILIARIES (TUNNEL VISOR)	EA	4		4		2		2		1		2								15				
2659-108	SIGNAL HEAD AUXILIARIES (STEEL PEDESTAL)	EA			1		2				2										5				
2659-118	SIGNAL HEAD AUXILIARIES (BACK PLATES, 5 SECTION CLUSTER)	EA	11		9		13		11		8		12		2						66				
2660-1-109	INDUCTIVE LOOP DETECTOR (TYPE 9)	EA			2																2				
2660-1-110	INDUCTIVE LOOP DETECTOR (TYPE 10)	AS	9		6		9		7		4		7		2						44				
2660-2-102	LOOP ASSEMBLY (TYPE B)	AS	5		8		8		6		6		7		2						42				
2660-2-106	LOOP ASSEMBLY (TYPE F)	EA					5		3		6		3								17				
2665-11	PEDESTRIAN DETECTOR (POLE MOUNTED DETECTOR STATION)	EA	6		4		1		3		2		3								19				
2665-13	PEDESTRIAN DETECTOR (DETECTOR WITH SIGN ONLY)	AS	1		1				1		1		1		1						6				
2670-113-01	ACTUATED SOLID STATE CONTROLLER ASSEMBLY	AS					1														1				
2670-113-11	ACTUATED SOLID STATE CONTROLLER ASSEMBLY (ONE PREEMPTION PLAN) (120 VOLT)	EA	1		1		1						1		1						5				
2685-319	SYSTEM AUXILIARIES (TELEMETRY RECEIVER)	EA	1		1		1						1		1						5				
2685-328	SYSTEM AUXILIARIES (INTERFACE PANEL)	EA	12		9		9		8		10		11		5						64				
2690-10	REMOVE TRAFFIC SIGNAL HEAD ASSEMBLY	EA	6		8		8		6		8		6		-						42				
2690-20	REMOVE PEDESTRIAN SIGNAL ASSEMBLY	EA	4		4		2		4		4		2		3						23				
2690-30	REMOVE POLES	EA	1		1		1		1		1		1		1						7				
2690-50	REMOVE CONTROLLER ASSEMBLY	EA	4		4		1		4		4		4		2						23				
2690-80	REMOVE SPAN WIRE ASSEMBLY	PI	1		1		1		1		1		1		1						7				
2690-90	REMOVE CABLING AND CONDUIT	MI													18				36		54				
2690-91	REMOVE EXISTING SIGNAL INTERCONNECT CABLE	PI	1		1		1		1		1		1		1						7				
2690-100	REMOVE MISCELLANEOUS SIGNAL EQUIPMENT	EA							2												2				
2700-48-18	SIGN PANEL	EA	4		4		4		4		4		4		3						27				
2700-89-1	SIGN ELECTRICALLY POWERED (INTERNALLY ILLUMINATED)																								

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QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE ... INITIATION ... DATE ... G.C. INITIATION ... DATE ... G.C. REVIEW ... DATE ... DES. REVIEW COMPLETION (Copy of Circle & Remark Incorrect)

DATE	BY	INITIATION	DATE	BY	INITIATION	DATE	BY	INITIATION	DATE	BY	INITIATION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

1/12/99

TABULATION OF QUANTITIES

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-2

TABULATION OF QUANTITIES

BID ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS T-5 PLAN	T-5 FINAL	T-6 PLAN	T-6 FINAL	T-7 PLAN	T-7 FINAL	T-8 PLAN	T-8 FINAL	T-9 PLAN	T-9 FINAL	T-10 PLAN	T-10 FINAL	T-11 PLAN	T-11 FINAL	T-12 PLAN	T-12 FINAL	T-13 PLAN	T-13 FINAL	TOTAL THIS SHEET PLAN	TOTAL THIS SHEET FINAL	GRAND TOTAL PLAN	GRAND TOTAL FINAL	REF. SHEET
2555-1-1	DIRECTIONAL BORE (LESS THAN 150MM)	MI	48	93.77	36	155.54	94	199.5	64	136.1	100	120.1	85	99.7	27	28.5					454	833.21			
2620-1	GROUNDING	MI	126	339	126	234	87	138	87	165	90	144	117	243	57	126	-3 6	90	3	12	675 672	1491			
2630-1-11	CONDUIT (ABOVEGROUND)	MI	9.0	7.9	6.0	7.6	9.0	0	0	11.0	6.0	8.2	7.6	8.5	0	7.0	-7 15.1	15.8	8.0	7.6	60.7 58.7	73.6			
2630-1-12	CONDUIT (UNDERGROUND)	MI	88.0	138.3	7.0	21.42	61.4	45.0	152.5	64.14	33.8	107.3	227.1	319.7	45.3	54.4	-3.5 37.6	30.62	3.5	0	696.2 699.1	784.88			
2630-1-13	CONDUIT (UNDERPAVEMENT)	MI	79.6	48.5	313.4	138.3	298.1	139.32	203.0	85.12	209.5	21.0	280.1	72.0	1.5	0.8	+1.1 0	12.7	29.0 0	15.0	1385.2 1418.7	532.74			
2630-1-22	CONDUIT (UNDERGROUND) (FURNISH)	MI	114.0	211.54	72.0	299.28	248.0	351.9	172.0	242.6	190.0	216.2	226.0	265.1	54.0	57.0					1076.0	1643.62			
2632-7-1	CABLE (SIGNAL)	PI	1	1	1	1	1	1	1	1	1	1	1	1	1	1					7	7			
2632-8-131	INTERCONNECT INSTALL (AERIAL)	MI															-7 74.1	65.4	8.0	7.6	82.1	73.0			
2632-8-132	INTERCONNECT INSTALL (UNDERGROUND)	MI															-40.6 37.6	0	-39.5 0	0	37.6	0			
2635-1-11	PULL BOX	EA	15	14	19	16	14	14	16	15	12	9	20	19	8	7	2	4	1	2	107 106	100			
2639-1-22	ELECTRICAL POWER SERVICE (UNDERGROUND)	AS	1	1	1	1	1	1	1	1	1	1	1	1	1	1			⚠		7	7			
2639-2-1	ELECTRICAL SERVICE WIRE	MI	3.0	63.3	3.0	126.06	3.7	114.6	1.0	50.1	66.8	274.8	27.6	222.9	2.2	44.1					107.3	895.56			
2641-41-04	CONCRETE STRAIN POLE (TYPE N-II SERVICE POLE) (4m)	EA	1	1	1	1	1	1	0	1	1	1	1	1	1	1					6	7			
2647-11-10	SINGLE MAST ARM SIGNAL POLE (10m)	EA													1						1	1			
2647-11-13	SINGLE MAST ARM SIGNAL POLE (13m)	EA					1	1			1	1	1	1							3	3			
2647-11-15	SINGLE MAST ARM SIGNAL POLE (15m)	EA									1	1									1	1			
2647-11-16	SINGLE MAST ARM SIGNAL POLE (16m)	EA					1	1													1	1			
2647-11-18	SINGLE MAST ARM SIGNAL POLE (18m)	EA			1	1							2	2							3	3			
2647-11-19	SINGLE MAST ARM SIGNAL POLE (19m)	EA			1	1							1	1							2	2			
2647-11-22	SINGLE MAST ARM SIGNAL POLE (22m)	EA			2	2															2	2			
2647-13-28	DOUBLE MAST ARM SIGNAL POLE (28m)	EA	2	2											1	1					3	3			
2647-13-30	DOUBLE MAST ARM SIGNAL POLE (30m)	EA							1	1											1	1			
2647-13-31	DOUBLE MAST ARM SIGNAL POLE (31m)	EA							1	1											1	1			
2647-13-36	DOUBLE MAST ARM SIGNAL POLE (36m)	EA					1	1													1	1			
2647-13-39	DOUBLE MAST ARM SIGNAL POLE (39m)	EA									1	1									1	1			
2650-1-111	TRAFFIC SIGNAL, 305mm STANDARD (1-SECT, 1-WAY)	AS													2	2					2	2			
2650-1-131	TRAFFIC SIGNAL, 305mm STANDARD (3-SECT, 1-WAY)	AS	8	8	6	6	4	6	7	7	4	4	11	11	8	6					48	48			
2650-9-151	TRAFFIC SIGNAL, 305mm STANDARD (5-SECT, CLUSTER)	AS			2	2	4	3	2	2	4	4									12	11			
2653-111	PEDESTRIAN SIGNAL (305mm INCANDESCENT, 1-SECT, 1-WAY)	AS	4	4			6	6	4	4	6	6	4	4							24	24			
2653-112	PEDESTRIAN SIGNAL (305mm INCANDESCENT, 1-SECT, 2-WAY)	AS	1	1	4	4	1	1	1	1	1	1	1	1							9	9			
2659-101	SIGNAL HEAD AUXILIARIES (BACK PLATE)	EA	4	4	3	3	2	4	4	4	2	2	4	4	6	6					25	27			
2659-106	SIGNAL HEAD AUXILIARIES (TUNNEL VISOR)	EA	24	24	28	28	32	33	31	31	38	32	33	33	24	20					210	201			
2659-108	SIGNAL HEAD AUXILIARIES (STEEL PEDESTAL)	EA	4	4	4	4	2	1	2	3	1	1	2	2							15	15			
2659-118	SIGNAL HEAD AUXILIARIES (BACK PLATES, 5 SECTION CLUSTER)	EA			1	1	2	1			2	2									5	4			
2660-1-109	INDUCTIVE LOOP DETECTOR (TYPE 9)	EA	11	11	9	9	13	13	11	11	8	8	12	12	2	2					66	66			
2660-1-110	INDUCTIVE LOOP DETECTOR (TYPE 10)	EA			2	2															2	2			
2660-2-102	LOOP ASSEMBLY (TYPE B)	AS	9	9	6	6	9	8	7	7	4	4	7	8	2	2					44	44			
2660-2-106	LOOP ASSEMBLY (TYPE F)	AS	5	5	8	8	8	8	6	6	6	6	7	7	2	2					42	42			
2665-11	PEDESTRIAN DETECTOR (POLE MOUNTED DETECTOR STATION)	EA	0	1			5	6	3	1	6	6	3	3							17	17			
2665-13	PEDESTRIAN DETECTOR (DETECTOR WITH SIGN ONLY)	EA	6	5	4	8	1	2	3	5	2	2	3	3							19	25			
2670-113-01	ACTUATED SOLID STATE CONTROLLER ASSEMBLY	AS	1	1	1	1			1	1	1	1	1	1	1	1					6	6			
2670-113-11	ACTUATED SOLID STATE CONTROLLER ASSEMBLY (ONE PREEMPTION PLAN) (120 VOLT)	AS					1	1													1	1			
2685-319	SYSTEM AUXILIARIES (TELEMETRY RECEIVER)	EA	1	1	1	1	1	1	0	1	0	1	1	1	1	1					5	7			
2685-328	SYSTEM AUXILIARIES (INTERFACE PANEL)	EA	1	1	1	1	1	1	0	1	0	1	1	1	1	1					5	7			
2690-10	REMOVE TRAFFIC SIGNAL HEAD ASSEMBLY	EA	12	12	9	9	9	9	8	8	10	10	11	11	5	5					64	64			
2690-20	REMOVE PEDESTRIAN SIGNAL ASSEMBLY	EA	6	6	8	8	8	8	6	6	8	8	6	6	-						42	42			
2690-30	REMOVE POLES	EA	4	4	4	4	2	2	4	1	4	4	2	2	3	3					23	20			
2690-50	REMOVE CONTROLLER ASSEMBLY	EA	1	1	1	1	1	1	1	1	1	1	1	1	1	1					7	7			
2690-80	REMOVE SPAN WIRE ASSEMBLY	EA	4	5	4	4	1	1	4	4	4	4	4	4	2	2					23	24	Construction revision #1		
2690-90	REMOVE CABLING AND CONDUIT	PI	1	1	1	1	1	1	1	1	1	1	1	1	1	1					7	7			
2690-91	REMOVE EXISTING SIGNAL INTERCONNECT CABLE	MI													18	0	-0 36 ⚠	140.2	36 64.4	⚠ 54 90	108	204.6			
2690-100	REMOVE MISCELLANEOUS SIGNAL EQUIPMENT	PI	1	1	1	1	1	1	1	1	1	1	1	1	1	1					7	7			
2700-48-18	SIGN PANEL	EA							2	2											2	2			
2700-89-1	SIGN ELECTRICALLY POWERED (INTERNALLY ILLUMINATED)	EA	4	4	4	4	4	4	4	4	4	4	4	4	3	3					27	27			
2632-8-111	INTERCONNECT FURNISH & INSTALL (AERIAL)	MI															-0 15.1	18.5			15.1	18.5			
2632-8-112	INTERCONNECT FURNISH & INSTALL (UNDERGROUND) ⚠	MI															37.6	37.6	39.5 64.6		39.5	102.2			
2634-4-114	SPAN WIRE ASSEMBLY	PI															-0 2	2			2	2			
2635-1-12	PULL BOX (AERIAL)	EA															-0 1	1			1	1			

Mostafa 5/8/00

REVISION	DATE	BY	DESCRIPTION
	07/18/00	MJO	⚠ REVISED INTERCONNECT

Fuller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TABULATION OF QUANTITIES

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-3

TABULATION OF QUANTITIES

BID ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS T-14 PLAN	T-14 FINAL	T-15 PLAN	T-15 FINAL	TOTAL THIS SHEET PLAN	TOTAL THIS SHEET FINAL	GRAND TOTAL PLAN	GRAND TOTAL FINAL	REF. SHEET
2555-1-1	DIRECTIONAL BORE (LESS THAN 150MM)	MI							454		
2620-1	GROUNDING	MI	VOID		VOID		18		690		
2630-1-11	CONDUIT (ABOVEGROUND)	MI	12.0		21.2		33.2		85.9		
2630-1-12	CONDUIT (UNDERGROUND)	MI	62.0				62.0		684.1		
2630-1-13	CONDUIT (UNDERPAVEMENT)	MI	22.0		61.0		83.0		1501.3		
2630-1-22	CONDUIT (UNDERGROUND) (FURNISH)	MI							1076.0		
2632-7-1	CABLE (SIGNAL)	PI							7		
2632-8-131	INTERCONNECT INSTALL (AERIAL)	MI	12.0		62.4		74.4		89.5		
2632-8-132	INTERCONNECT INSTALL (UNDERGROUND)	MI	126.0		63.0		189.0		241.1		
2635-1-11	PULL BOX	EA	3		3		6		112		
2639-1-22	ELECTRICAL POWER SERVICE (UNDERGROUND)	AS							7		
2639-2-1	ELECTRICAL SERVICE WIRE	MI							107.3		
2641-41-04	CONCRETE STRAIN POLE (TYPE N-11 SERVICE POLE) (4m)	EA							6		
2647-11-10	SINGLE MAST ARM SIGNAL POLE (10m)	EA							1		
2647-11-13	SINGLE MAST ARM SIGNAL POLE (13m)	EA							3		
2647-11-15	SINGLE MAST ARM SIGNAL POLE (15m)	EA							1		
2647-11-16	SINGLE MAST ARM SIGNAL POLE (16m)	EA							1		
2647-11-18	SINGLE MAST ARM SIGNAL POLE (18m)	EA							3		
2647-11-19	SINGLE MAST ARM SIGNAL POLE (19m)	EA							2		
2647-11-22	SINGLE MAST ARM SIGNAL POLE (22m)	EA							2		
2647-13-28	DOUBLE MAST ARM SIGNAL POLE (28m)	EA							3		
2647-13-30	DOUBLE MAST ARM SIGNAL POLE (30m)	EA							1		
2647-13-31	DOUBLE MAST ARM SIGNAL POLE (31m)	EA							1		
2647-13-36	DOUBLE MAST ARM SIGNAL POLE (36m)	EA							1		
2647-13-39	DOUBLE MAST ARM SIGNAL POLE (39m)	EA							1		
2650-1-111	TRAFFIC SIGNAL. 305mm STANDARD (1-SECT. 1-WAY)	AS							2		
2650-1-131	TRAFFIC SIGNAL. 305mm STANDARD (3-SECT. 1-WAY)	AS							48		
2650-9-151	TRAFFIC SIGNAL. 305mm STANDARD (5-SECT. CLUSTER)	AS							12		
2653-111	PEDESTRIAN SIGNAL (305mm INCANDESCENT. 1-SECT. 1-WAY)	AS							24		
2653-112	PEDESTRIAN SIGNAL (305mm INCANDESCENT. 1-SECT. 2-WAY)	EA							9		
2659-101	SIGNAL HEAD AUXILIARIES (BACK PLATE)	EA							25		
2659-106	SIGNAL HEAD AUXILIARIES (TUNNEL VISOR)	EA							210		
2659-108	SIGNAL HEAD AUXILIARIES (STEEL PEDESTAL)	EA							15		
2659-118	SIGNAL HEAD AUXILIARIES (BACK PLATES. 5 SECTION CLUSTER)	EA							5		
2660-1-109	INDUCTIVE LOOP DETECTOR (TYPE 9)	EA							66		
2660-1-110	INDUCTIVE LOOP DETECTOR (TYPE 10)	AS							2		
2660-2-102	LOOP ASSEMBLY (TYPE B)	AS							44		
2660-2-106	LOOP ASSEMBLY (TYPE F)	EA							42		
2665-11	PEDESTRIAN DETECTOR (POLE MOUNTED DETECTOR STATION)	EA							17		
2665-13	PEDESTRIAN DETECTOR (DETECTOR WITH SIGN ONLY)	AS							19		
2670-113-01	ACTUATED SOLID STATE CONTROLLER ASSEMBLY	AS							6		
2670-113-11	ACTUATED SOLID STATE CONTROLLER ASSEMBLY (ONE PREEMPTION PLAN) (120 VOLT)	EA							1		
2685-319	SYSTEM AUXILIARIES (TELEMETRY RECEIVER)	EA							5		
2685-328	SYSTEM AUXILIARIES (INTERFACE PANEL)	EA							5		
2690-10	REMOVE TRAFFIC SIGNAL HEAD ASSEMBLY	EA							64		
2690-20	REMOVE PEDESTRIAN SIGNAL ASSEMBLY	EA							42		
2690-30	REMOVE POLES	EA							23		
2690-50	REMOVE CONTROLLER ASSEMBLY	EA							7		
2690-80	REMOVE SPAN WIRE ASSEMBLY	PI							23		
2690-90	REMOVE CABLING AND CONDUIT	MI	86		128		214		268		
2690-91	REMOVE EXISTING SIGNAL INTERCONNECT CABLE	PI							7		
2690-100	REMOVE MISCELLANEOUS SIGNAL EQUIPMENT	EA							2		
2700-48-18	SIGN PANEL	EA							27		
2700-89-1	SIGN ELECTRICALLY POWERED (INTERNALLY ILLUMINATED)										

VOID VOID VOID VOID VOID VOID VOID VOID

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
CHECKED (Correspondence Initials & Date)
DATE

NO.	REVISION	DATE	NO.	REVISION	DATE	NO.	REVISION	DATE	NO.	REVISION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TABULATION OF QUANTITIES

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-3

TABULATION OF QUANTITIES

BID ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS T-14 PLAN	T-14 FINAL	T-15 PLAN	T-15 FINAL	T-6A PLAN	T-6A FINAL	TOTAL THIS SHEET PLAN	TOTAL THIS SHEET FINAL	GRAND TOTAL PLAN	GRAND TOTAL FINAL	REF. SHEET
2555-1-1	DIRECTIONAL BORE (LESS THAN 150MM)	MI									454	833.21	
2620-1	GROUNDING	MI	~~9~~ 6	27	~~9~~ 12	30			18	57	~~693~~ 699	1648	
2630-1-11	CONDUIT (ABOVEGROUND)	MI	12.0	14.3	21.2	30.7			33.2	450	~~93.9~~ 95.2	118.6	
2630-1-12	CONDUIT (UNDERGROUND)	MI	~~62.0~~ 5.0	11.0	131	184.2			136	1952	~~832.2~~ 684.1	2086.00	
2630-1-13	CONDUIT (UNDERPAVEMENT)	MI	~~22.0~~ 0	1.4	~~61.0~~ 0	0			~~93.9~~ 0	1.4	~~1385.2~~ 1401.2	534.14	
2630-1-22	CONDUIT (UNDERGROUND) (FURNISH)	MI					⚠		⚠		1076.0	1443.62	
2632-7-1	CABLE (SIGNAL)	PI									7	7	
2632-8-131	INTERCONNECT INSTALL (AERIAL)	MI	12.0	16.3	~~62.7~~ 21.2	8.6			33.2	24.9	~~220.5~~ 255.9	115.3	
2632-8-132	INTERCONNECT INSTALL (UNDERGROUND)	MI	~~126.0~~ 59.0	78.0	~~63.0~~ 161.5	47.4			~~182.0~~ 220.5	125.4	~~845.0~~ 773	1060	
2635-1-11	PULL BOX	EA	~~3~~ 2	3	~~3~~ 4	3			6	6	~~915~~ 915	7	
2639-1-22	ELECTRICAL POWER SERVICE (UNDERGROUND)	AS									107.3	895.56	
2639-2-1	ELECTRICAL SERVICE WIRE	MI									6	7	
2641-41-04	CONCRETE STRAIN POLE (TYPE N-II SERVICE POLE) (4m)	EA									1	1	
2647-11-10	SINGLE MAST ARM SIGNAL POLE (10m)	EA									3	3	
2647-11-13	SINGLE MAST ARM SIGNAL POLE (13m)	EA									1	1	
2647-11-15	SINGLE MAST ARM SIGNAL POLE (15m)	EA									1	1	
2647-11-16	SINGLE MAST ARM SIGNAL POLE (16m)	EA									3	3	
2647-11-18	SINGLE MAST ARM SIGNAL POLE (18m)	EA									2	2	
2647-11-19	SINGLE MAST ARM SIGNAL POLE (19m)	EA									2	2	
2647-11-22	SINGLE MAST ARM SIGNAL POLE (22m)	EA									3	3	
2647-13-28	DOUBLE MAST ARM SIGNAL POLE (28m)	EA									1	1	
2647-13-30	DOUBLE MAST ARM SIGNAL POLE (30m)	EA									1	1	
2647-13-31	DOUBLE MAST ARM SIGNAL POLE (31m)	EA									1	1	
2647-13-36	DOUBLE MAST ARM SIGNAL POLE (36m)	EA									1	1	
2647-13-39	DOUBLE MAST ARM SIGNAL POLE (39m)	EA									2	2	
2650-1-111	TRAFFIC SIGNAL, 305mm STANDARD (1-SECT. 1-WAY)	AS									48	48	
2650-1-131	TRAFFIC SIGNAL, 305mm STANDARD (3-SECT. 1-WAY)	AS									12	11	
2650-9-151	TRAFFIC SIGNAL, 305mm STANDARD (5-SECT. CLUSTER)	AS									24	24	
2653-111	PEDESTRIAN SIGNAL (305mm INCANDESCENT, 1-SECT. 1-WAY)	AS									9	9	
2653-112	PEDESTRIAN SIGNAL (305mm INCANDESCENT, 1-SECT. 2-WAY)	EA									25	27	
2659-101	SIGNAL HEAD AUXILIARIES (BACK PLATE)	EA									210	201	
2659-106	SIGNAL HEAD AUXILIARIES (TUNNEL VISOR)	EA									15	15	
2659-108	SIGNAL HEAD AUXILIARIES (STEEL PEDESTAL)	EA									5	4	
2659-118	SIGNAL HEAD AUXILIARIES (BACK PLATES, 5 SECTION CLUSTER)	EA									66	66	
2660-1-109	INDUCTIVE LOOP DETECTOR (TYPE 9)	EA									2	2	
2660-1-110	INDUCTIVE LOOP DETECTOR (TYPE 10)	AS					0	9	0	9	44	53	
2660-2-102	LOOP ASSEMBLY (TYPE B)	AS					0	2	0	2	42	44	
2660-2-106	LOOP ASSEMBLY (TYPE F)	EA									17	17	
2665-11	PEDESTRIAN DETECTOR (POLE MOUNTED DETECTOR STATION)	EA									19	25	
2665-13	PEDESTRIAN DETECTOR (DETECTOR WITH SIGN ONLY)	AS									6	6	
2670-113-01	ACTUATED SOLID STATE CONTROLLER ASSEMBLY	AS									1	1	
2670-113-11	ACTUATED SOLID STATE CONTROLLER ASSEMBLY (ONE PREEMPTION PLAN) (120 VOLT)	EA									5	7	
2685-319	SYSTEM AUXILIARIES (TELEMETRY RECEIVER)	EA									5	7	
2685-328	SYSTEM AUXILIARIES (INTERFACE PANEL)	EA									64	64	
2690-10	REMOVE TRAFFIC SIGNAL HEAD ASSEMBLY	EA									42	42	
2690-20	REMOVE PEDESTRIAN SIGNAL ASSEMBLY	EA									23	20	
2690-30	REMOVE POLES	EA									7	7	
2690-50	REMOVE CONTROLLER ASSEMBLY	EA									23	24	
2690-80	REMOVE SPAN WIRE ASSEMBLY	PI									7	7	
2690-90	REMOVE CABLING AND CONDUIT	MI	86 ~~86.7~~ ~~120~~ 81	78.1					⚠ ~~214~~ 167	⚠ 261.3	~~260~~ 257	405.96	
2690-91	REMOVE EXISTING SIGNAL INTERCONNECT CABLE	PI									7	7	
2690-100	REMOVE MISCELLANEOUS SIGNAL EQUIPMENT	EA									2	2	
2700-48-18	SIGN PANEL	EA									27	27	
2700-89-1	SIGN ELECTRICALLY POWERED (INTERNALLY ILLUMINATED)	MI			~~0~~ 15.2	29.7			~~0~~ 15.2	29.7	~~0~~ 30.3	48.2	
2632-8-111	INTERCONNECT FURNISH & INSTALL (AERIAL)	MI			~~0~~ 116.5	131.4			~~0~~ 116.2	131.9	~~0~~ 156	233.6	
2632-8-112	INTERCONNECT FURNISH & INSTALL (UNDERGROUND) ⚠	PI									~~0~~ 2	2	
2634-4-114	SPAN WIRE ASSEMBLY	EA			~~0~~ 1	2			~~0~~ 1	2	~~0~~ 2	3	
2635-1-12	PULL BOX (AERIAL)												

8/8/00
Construction Revision #1

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	MJO	⚠ REVISED INTERCONNECT						

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TABULATION OF QUANTITIES

Plot Dates
T-3 07/18/2000 12:30
T-3 8/8/2000 8:48:07

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-4

GENERAL NOTES

1. THE CONTRACTOR SHALL NOTIFY THE CITY OF LAKELAND SIGNAL SHOP AT LEAST 48 HRS. IN ADVANCE OF LOOP CUTTING. AND TURNING ON A NEW TRAFFIC CONTROLLER CABINET.

2. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY DEPT. AT LEAST 48 HRS. IN ADVANCE OF POLE SETTING OPERATIONS WHERE CONFLICT WITH OVERHEAD ELECTRICAL CONDUCTORS IS EXPECTED AND IN ALL CASES WHERE JOINT USE POLES ARE CALLED FOR. THE CONTRACTOR SHALL NOTIFY THE CITY OF LAKELAND ELECTRIC AND WATER DEPARTMENT 48 HOURS PRIOR TO DIGGING FOUNDATIONS THAT ARE WITHIN 1.2 METERS OF EXISTING BURIED WATER MAINS SO THAT THE CITY MAY HAVE A REPRESENTATIVE ON SITE DURING EXCAVATION. FOUNDATIONS THAT ARE WITHIN 1.2 METERS SHALL BE HAND DUG TO EXPOSE THE POTENTIAL UTILITY CONFLICT AND THE POLES SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER. IN PARTICULAR. THE FOUNDATIONS FOR THE FOLLOWING POLES SHALL BE HAND DUG: POLE 3 AT WL KING (SHEET T-6). POLES 1 AND 2 AT LAKESHORE DR (SHEET T-8). AND POLE 2 AT LAKE PARKER AVE (SHEET T-10). THE CONTACT PERSON AT THE CITY IS GINA CERIALE -- PHONE (941)499-8316 OR KENNY FLETCHER -- PHONE (941)499-6705.

3. IT SHOULD BE NOTED THAT NO TEST BORINGS WERE MADE WHERE CONDUIT RUNS ARE TO BE INSTALLED BY JACKING OR TRENCHING.

4. WITH REGARD TO PARAGRAPH 679-2.2 OF SPECIFICATIONS. THE COORDINATING UNITS SHALL BE PROGRAMMED FOR EARLY RELEASE UNLESS OTHERWISE NOTED IN THE SIGNAL PLANS.

5. AT THE TIME OF FINAL INSPECTION OF PROJECT THE CONTRACTOR SHALL FURNISH THE INSPECTOR TWO COMPLETE SETS OF AS-BUILT PLANS. THE CONTRACTOR SHALL ALSO FURNISH ONE COMPLETE SET OF AS-BUILT PLANS TO THE LOCAL MAINTAINING AGENCY.

6. ONE WEEK PRIOR TO BEGINNING OF THE TRAFFIC SIGNAL INSTALLATION. PLEASE CONTACT
DISTRICT TRAFFIC OPERATIONS ENGINEER
DEPARTMENT OF TRANSPORTATION
BARTOW. FL 33830 PH. (941)-519-2300.

7. CABINET DOOR SHOULD OPEN TO THE RIGHT OF WAY LINE AND AWAY FROM TRAFFIC.

8. CONTRACTOR SHALL VERIFY COLOR CODES FOR SIGNAL CABLE AND INTERCONNECT CABLE WITH CITY OF LAKELAND SIGNAL SHOP BEFORE ORDERING.

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE COMPANY PROVIDING ELECTRICAL POWER TO DETERMINE IF A SERVICE PROCESSING FEE IS REQUIRED. IF REQUIRED. FEE SHALL BE INCLUDED AS PART OF PAYMENT 2639-1-22 FOR ELECTRICAL POWER SERVICE ASSEMBLY.

10. BASE OF CONTROLLER CABINET TO BE SAME ELEVATION AS CENTER OF ROADWAY OR GREATER.

11. WHEN A CONTRACTOR IS WORKING ON A SIGNAL IN AN INTERSECTION (INSTALLING CONDUIT IN THE STREET. REMOVING EXISTING SIGNAL EQUIPMENT. INSTALLING NEW SIGNAL EQUIPMENT. INSTALLING LOOPS AND RUNS. AND TURNING ON OF NEW SIGNALS) WHERE A LANE IS CLOSED. THE ENGINEER MAY REQUIRE AN OFF-DUTY LAW ENFORCEMENT OFFICER TO DIRECT TRAFFIC. THE HOURLY RATE OF PAY FOR AN OFF-DUTY LAW ENFORCEMENT OFFICER CAN BE OBTAINED FROM THE OFFICE OF THE LAW ENFORCEMENT OFFICER.

12. THE CONTRACTOR SHALL CONTACT THE LOCAL POWER COMPANY FOR THEIR ASSISTANCE IN PERFORMING ALL NECESSARY WORK UNDER POWER LINES AT SIGNAL POLE(S). SUCH AS THE INSTALLATION OF SIGNAL CABLE AND SIGNAL POLES.

13. ALL UNDERGROUND CONDUIT ENTRY HOLES ON SIGNAL POLES SHALL BE STUBBED OUT.

14. WHEN INSTALLING GROUND WIRE IN CONTROLLER CABINETS. THE COPPER GROUND WIRE SHALL NOT COME IN CONTACT WITH THE ALUMINUM CABINET. EXCEPT AT TERMINATION POINT.

15. ALL CONDUIT RUNS SHOWN ON THE PLAN ARE SCHEMATIC AND FIELD ADJUSTMENT MAY BE NECESSARY.

16. WHENEVER MORE THAN TWO INDUCTANCE LOOPS ARE CONNECTED TO THE SAME DETECTOR. THEY SHALL BE WIRED IN SERIES ON A SEPARATE TERMINAL BLOCK INSIDE THE CABINET.

17. ALL FIELD WIRING. INCLUDING SIGNAL HEAD WIRING AND LEAD-INS. SHALL BE IDENTIFIED BY CLEARLY MARKED WEATHERPROOF TAGS. THE PROPOSED TAGGING SYSTEM SHALL BE IN ACCORDANCE WITH THE F.D.O.T. STANDARD SPECIFICATIONS.

18. ALL ELECTRICAL WIRING. INCLUDING ROADWAY LOOP WIRE AND SHIELDED LEAD-IN CABLE. SHALL COMPLY WITH ALL APPROPRIATE PROVISIONS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE PUBLISHED BY THE NATIONAL FIRE PROTECTION ASSOCIATION.

19. THE LOCATION OF UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY: THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO DIGGING.

20. ALL LOOPS TO HAVE INDIVIDUAL LEAD-INS TO CABINET. LOOP SPLICES TO BE CRIMPED. SOLDERED (NOT BY OPEN FLAME) AND SHRINK WRAPPED TO F.D.O.T. SPECIFICATIONS AND INDEX 17781.

21. THE SIGNAL CONTRACTOR IS RESPONSIBLE TO SIZE ALL SIGNAL CABLES TO INSURE NO MORE THAN 5% VOLTAGE DROP AT THE END OF ANY CIRCUIT OCCURS.

22. DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF TRAFFIC SIGNALS. SIGNAL SHALL BE MAINTAINED BY CITY OF LAKELAND AFTER FINAL ACCEPTANCE.

23. AT LEAST 48 HOURS PRIOR TO BEGINNING THE TRAFFIC SIGNAL INSTALLATION. CONTRACTOR SHALL CONTACT:

CARMON C. THOMPSON. TRAF. OPS. LAISON PH: 941-519-2513
FLORIDA DEPARTMENT OF TRANSPORTATION (SUNCOM 557-2513)
P.O. BOX 1249 (801 N. BROADWAY)
BARTOW. FL 33831

24. SECTION 611-4 FIELD TESTS:
SCHEDULING OF THE CONDITIONAL ACCEPTANCE INSPECTION SHALL BE COORDINATED WITH CARMON THOMPSON. TRAFFIC OPERATIONS LAISON (PH: 941-519-2513) WITH A MINIMUM OF 48 HOURS NOTICE. RESULTS OF FIELD TESTS. I.E.. SECTION 611-4.1. 4.2. 4.3. AND 4.4. SHALL BE MADE AVAILABLE TO THE PROJECT ENGINEER IN WRITTEN FORM. A QUALIFIED REPRESENTITIVE SHALL BE PRESENT AT THE CONDITIONAL ACCEPTANCE INSPECTION OF THE CONTROLLER ASSEMBLY. THE QUALIFICATIONS OF THE REPRESENTITIVE SHALL INCLUDE:

(A) COMPLETE FAMILIARITY WITH ALL SYSTEM ELEMENTS INCLUDING CONTROLLERS. COORDINATING UNITS. SYSTEM CLOCKS AND SYSTEM COMMUNICATIONS ELEMENTS. THE REPRESENTITIVE SHALL BE QUALIFIED TO INPUT AND RECALL ALL CONTROLLER AND SYSTEM TIMING FUNCTIONS.

25. ITEM 2555-1-1: DURING INSTALLATION OF DIRECTIONAL BORE CONDUIT. EXISTING SIGNAL SHALL BE PLACED IN FIXED-TIME OPERATION.

26. ITEM 2630-1-13: ALL CONDUITS UNDER ROADWAY (AND/OR SIDEWALK) SHALL BE INSTALLED PRIOR TO INSTALLATION OF ROADWAY BASE AND SURFACE (OR CONCRETE).

27. ITEMS 2630-1-12. 2630-1-13 AND 2630-1-14:
A NUMBER 10 GALVANIZED STEEL PULL WIRE SHALL BE INSTALLED IN ALL CONDUITS WHICH ARE TO RECEIVE CABLE AT A FUTURE TIME. AT LEAST 600mm OF PULL WIRE SHALL BE ACCESSIBLE AT EACH CONDUIT TERMINATION AND SECURED WITHIN THE PULL BOX OR PLACE OF TERMINATION.

28. ITEMS 2630-1-12. 2630-1-13 AND 2630-1-14: SHALL BE 50mm MINIMUM SCHEDULE 40 PVC. UNLESS OTHERWISE SPECIFIED IN PLANS. EXCEPT ELECTRICAL POWER SERVICE DUCT.

29. ITEM 2630-1-22: CONDUIT (FURNISH ONLY) SHALL BE INSTALLED VIA DIRECTIONAL BORE METHOD. COST FOR INSTALLATION OF THIS CONDUIT IS COVERED UNDER ITEM NO.2555-1-1.

30. ITEM 2639-2-1: PAYMENT SHALL BE BASED ON THE TOTAL LINEAR METERS OF A SINGLE CONDUCTOR.

31. ITEMS 2647-11-10. 2647-11-13. 2647-11-15. 2647-11-16. 2647-11-18. 2647-11-19. 2647-11-22. 2647-13-28. 2647-13-30. 2647-13-36 AND 2647-13-39: THE CONTRACTOR IS TO DE-WATER FOUNDATION EXCAVATION IF THE ELEVATION OF WATER IS HIGHER THAN THE ELEVATION OF THE POLE BASE.

32. ITEMS 2650-1-131. 2650-1-111 AND 2650-9-151: ALL LENSES SHALL BE GLASS.

33. ITEM 2659-108: PEDESTRIAN PEDESTALS SHALL BE INSTALLED USING PELCO PB-5334 (OR EQUIVALENT) BASES.

34. ITEM 2660-2-106: TYPE "F" LOOPS ARE TO BE 1.8m X 12.0m WITH A 3-6-3 WRAP. LOCATED WITH THE LEADING EDGE 600mm IN FRONT OF THE STOP BAR.

35. ITEMS 2660-2-106 AND 2660-2-102: THE LOOP WIRE SHALL BE IMSA 51-3 OR EQUIVALENT TYPE #14 XHHW HIGH DENSITY CROSS-LINKED POLYETHYLENE INSULATED WIRE RATED FOR 600 VOLTS BLUE IN COLOR. DETECTOR LEAD-IN CABLE SHALL BE IMSA 50-2 OR EQUIVALENT.

36. ITEM 2665-11 AND 2665-13: THIS ITEM SHALL INCLUDE ALL COST OF LABOR AND MATERIALS REQUIRED FOR INSTALLATION OF PEDESTRIAN ACTUATED SIGNAL SIGN FTP-47 OR FTP-48 AND PEDESTRIAN SIGNAL SIGN FTP-49. PEDESTRIAN SIGNAL SIGN FTP-49 SHALL BE MOUNTED ABOVE EACH PEDESTRIAN ACTUATED SIGNAL SIGN (FTP-47 OR FTP-48). SEE INDEX NO. 17784 FOR DETAIL OF SIGN FTP-49 AND LOCATION OF PEDESTRIAN ACTUATED SIGNAL SIGN.

37. ITEM 2665-11 AND 2665-13: PEDESTRIAN ACTUATED SIGNAL SIGN FTP-47 AND/OR FTP-48 SHALL INCLUDE LOCAL STREET NAME FOR MAJOR STREET (DO NOT USE SR/US ROUTE DESIGNATION).

38. ITEMS 2670-113-01 AND 2670-113-11: THE CONTROLLER SHALL BE HOUSED IN A TYPE "V" CABINET. THE CABINET SHALL INCLUDE AN EIGHT PHASE BACKPLANE WITH FOUR OVERLAP PHASES AND FOUR PEDESTRIAN MOVEMENTS.

39. ITEM 2670-113-01 AND 2670-113-11: SHALL INCLUDE ADDITIONAL COST OF LABOR. CONCRETE AND OTHER MATERIALS FOR CONTROLLER BASE. PAD. AND STEPS AS REQUIRED.

40. ITEM 2670-113-01 AND 2670-113-11: MANUAL PUSH BUTTON CORD SHALL BE FURNISHED IN CONTROLLER CABINET.

41. ITEM 2670-113-11: INCLUDES THE INSTALLATION OF OPT. COM EQUIPMENT INTO THE NEW CONTROLLER.

42. ITEM 2690-50: SHALL INCLUDE THE REMOVAL OF OPT. COM EQUIPMENT FROM EXISTING CONTROLLER CABINET.

43. ITEM 2690-100: SHALL INCLUDE THE REMOVAL OF EXISTING SPAN MOUNTED OPT. COM PREEMPTION DETECTORS.

44. ITEM 2700-48-18: THIS ITEM SHALL INCLUDE SIGN ARM BRACKET AND ALL SUPPORTING HARDWARE TO MAKE A COMPLETE AND ACCEPTED INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGNING SIGN SUPPORT COMPONENTS TO MEET THE FOLLOWING CRITERIA:

SIGN AREA	1.69 M2
MINIMUM DEAD LOAD WEIGHT	37 KG
MINIMUM WIND LOAD	460 KG

NOTE:

EXISTING INTERCONNECT CABLE TO BE PULLED OUT OF OLD CABINETS AND THEN PULLED IN TO NEW CABINETS. SEE INTERCONNECT PLANS FOR DETAILS.

1/12/99

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

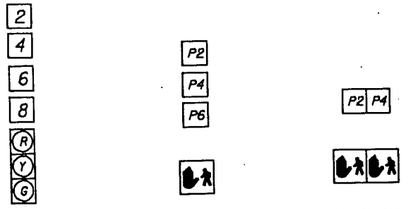
Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
BY
DATE
BY

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-5



3 SECTION, 1 WAY — 1 SECTION, 1 WAY — 1 SECTION, 2 WAY

2650-1-131 8 AS | 2653-111 4 AS | 2653-112 1 AS

2659-106 24 EA TUNNEL VISORS FOR ALL MOVEMENTS

2659-101 4 EA BACK PLATES FOR MOVEMENTS 2 AND 6.

SIGNAL HEAD DETAILS

POLE DATA

POLE (1) STATION 237+49.400 U.S. 92 16.770 LT ELEV. 63.73
ARM "A" ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 63.68
ARM "B" ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 63.49

POLE (2) STATION 237+74.000 U.S. 92 13.420 RT ELEV. 63.59
ARM "A" ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 63.34
ARM "B" ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 63.70

CONTROLLER OPERATIONS:

1. MAJOR STREET IS S.R. 546 (U.S. 92) , PHASE 1 (MOVEMENTS 2 AND 6), AND MINOR STREET IS LINCOLN AVE., PHASE 2 (MOVEMENTS 4 AND 8).
2. STANDARD SIGNAL OPERATING PLAN NO. 1 WITH THE FOLLOWING:
   A. COORDINATION ON PHASE 1 (MOVEMENTS 2 AND 6) - TIME-BASE. SIGNAL IS COORDINATED WITH PHASE 1 (MOVEMENTS 2 AND 6).
   B. CONCURRENT/ACTUATED PEDESTRIANS FOR MOVEMENTS 2 (P2), 4 (P4), 6 (P6) AND 8 (P8). THE FORCE-OFF FUNCTION FOR PHASE 2 SHALL NOT BE EFFECTIVE DURING THE TIMING OF PEDESTRIAN CLEARANCE INTERVAL FOR P4 AND P8. SYNCHRONIZATION SHALL BE MAINTAINED. THE CONTROLLER SHALL REMAIN IN THE COORDINATED MODE AND SHALL NOT REVERT TO ISOLATED OPERATION AS A RESULT OF PEDESTRIAN ACTUATION.
   C. THE YIELD POINT SHALL BE THE POINT IN THE CYCLE WHERE THE COORDINATED PHASE 1 (MOVEMENTS 2 AND 6) IS TERMINATED SUBJECT TO THE PRESENCE OF A CONFLICTING CALL. THE YIELD POINT SHALL BE THE ZERO PERCENT OFFSET OF THE LOCAL CYCLE LENGTH.
3. SIGNAL TIMING MAY REQUIRE FIELD ADJUSTMENTS .

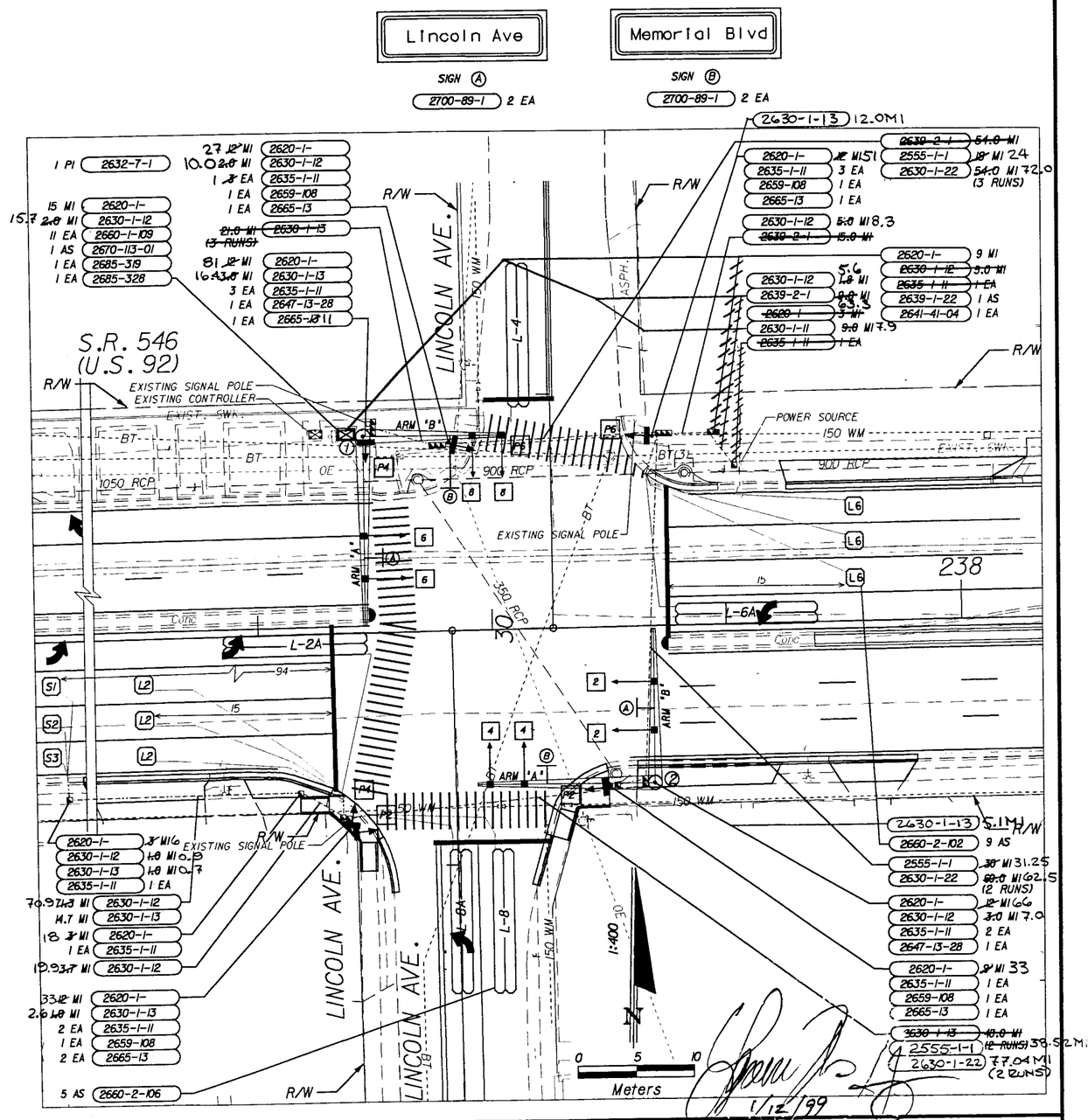
NOTES:

1. TYPE "F" LOOP L-2A TO BE 1.8m X 12.0m AND PLACED 3m BEYOND THE STOP BAR. TYPE "F" LOOP L-4 TO 1.8m X 12.0m AND PLACED 600mm BEYOND THE STOP BAR. ALL OTHER TYPE "F" LOOPS TO BE 1.8m X12.0m AND PLACED 600mm BEHIND STOP BAR.

REMOVE EXIST. SIGNAL EQUIPMENT		
ITEM NO.	UNIT	QTY.
2690-10-	EA	12
2690-20-	EA	6
2690-30	EA	4
2690-50-	EA	1
2690-80-	EA	~~4~~ 5
2690-90	PI	1
2690-100-	PI	1

CONTROLLER TIMING PLAN									
TIMING FUNCTION	1	2							
MOVEMENT NUMBER	2+6	4+8							
MINIMUM GREEN (INITIAL)	17	27							
EXTENSION (PASSAGE)	6	5							
MAXIMUM GREEN I	101	35							
MAXIMUM GREEN II	-	-							
YELLOW	4.0	3.5							
ALL RED	2.0	3.0							
PEDESTRIAN WALK	7	7							
FLASHING DON'T WALK	10	20							
RECALL	MIN	-							

DETECTORS FOR LOOPS			
LOOPS	NO. OF LOOPS	NO. OF DETECTORS	NO. OF TD DETECTORS
L-2A	1	1	
L-2	3	2	
L-4	1	1	
L-6A	1	1	
L-6	3	2	
L-8/L-8A	2	1	
S-1	1	1	
S-2	1	1	
S-3	1	1	



DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

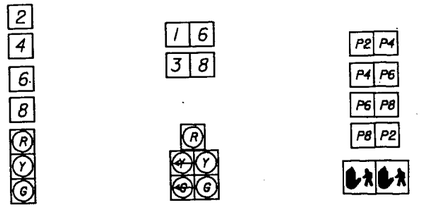
Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNALIZATION PLAN (LOCATION 1)
S.R. 546 (U.S. 92) & LINCOLN AVE.

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
CHECKED

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-6



3 SECTION, 1 WAY — 2650-1-131 — 6 AS

5 SECTION, 1 WAY — 2650-9-151 — 2 AS

1 SECTION, 2 WAY — 2653-112 — 4 AS

2659-106 — 28 EA TUNNEL VISORS FOR ALL MOVEMENTS

2659-101 — 3 EA BACK PLATES FOR MOVEMENTS 2 AND 6.

2659-118 — 1 EA BACK PLATES FOR MOVEMENT 1/6

SIGNAL HEAD DETAILS

POLE DATA

POLE (1) STATION 241+48.100 U.S. 92, 22.600 LT ELEV. 65.68
ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 65.93

POLE (2) STATION 241+87.200 U.S. 92, 20.200 LT ELEV. 65.35
ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 65.67

POLE (3) STATION 241+91.900, U.S. 92 19.700 RT ELEV. 65.55
ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 65.73

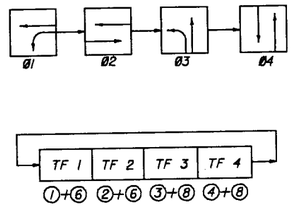
POLE (4) STATION 241+45.700 U.S. 92, 18.700 RT ELEV. 65.47
ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 65.59

CONTROLLER OPERATIONS:

1. MAJOR STREET IS S.R. 546 (U.S. 92) , PHASE 2 (MOVEMENTS 2 AND 6), AND MINOR STREET IS M.L.K. JR. AVE., PHASE 4 (MOVEMENTS 4 AND 8).
2. SPECIAL SIGNAL OPERATING PLAN WITH THE FOLLOWING:
   A. COORDINATION ON PHASE 2 (MOVEMENTS 2 AND 6) - TIME-BASE. SIGNAL IS COORDINATED WITH PHASE 2 (MOVEMENTS 2 AND 6).
   B. CONCURRENT/ACTUATED PEDESTRIANS FOR MOVEMENTS 2 (P2), 4 (P4), 6 (P6) AND 8 (P8). THE FORCE-OFF FUNCTION FOR PHASE 3 AND 4 SHALL NOT BE EFFECTIVE DURING THE TIMING OF PEDESTRIAN CLEARANCE INTERVAL FOR P4 AND P8. SYNCHRONIZATION SHALL BE MAINTAINED. THE CONTROLLER SHALL REMAIN IN THE COORDINATED MODE AND SHALL NOT REVERT TO ISOLATED OPERATION AS A RESULT OF PEDESTRIAN ACTUATION.
   C. THE YIELD POINT SHALL BE THE POINT IN THE CYCLE WHERE THE COORDINATED PHASE 2 (MOVEMENTS 2 AND 6) IS TERMINATED SUBJECT TO THE PRESENCE OF A CONFLICTING CALL. THE YIELD POINT SHALL BE THE ZERO PERCENT OFFSET OF THE LOCAL CYCLE LENGTH.
3. SIGNAL TIMING MAY REQUIRE FIELD ADJUSTMENTS .

NOTES:

1. TYPE 'F' LOOPS L-2A AND L-1 TO BE 1.8m X 12.0m AND PLACED 600mm BEHIND THE STOP BAR. ALL OTHER TYPE 'F' LOOPS TO BE 1.8m X 12.0m AND PLACED 600mm BEYOND THE STOP BAR.



SPECIAL OPERATING PLAN

REMOVE EXIST. SIGNAL EQUIPMENT		
ITEM NO.	UNIT	QTY.
2690-10-	EA	9
2690-20-	EA	8
2690-30-	EA	4
2690-50-	EA	1
2690-80-	EA	4
2690-90-	PI	1
2690-100-	PI	1

CONTROLLER TIMING PLAN									
TIMING FUNCTION	1	2	3	4					
MOVEMENT NUMBER	1+6	2+6	3+8	4+8					
MINIMUM GREEN (INITIAL)	7	36	7	41					
EXTENSION (PASSAGE)	6	6	5	5					
MAXIMUM GREEN I	20	45	12	46					
MAXIMUM GREEN II	-	-	-	-					
YELLOW	4.0	4.0	3.5	3.5					
ALL RED	2.5	2.5	2.5	3.0					
PEDESTRIAN WALK	-	-	-	-					
FLASHING DON'T WALK	-	-	-	-					
RECALL	-	MIN	-	-					

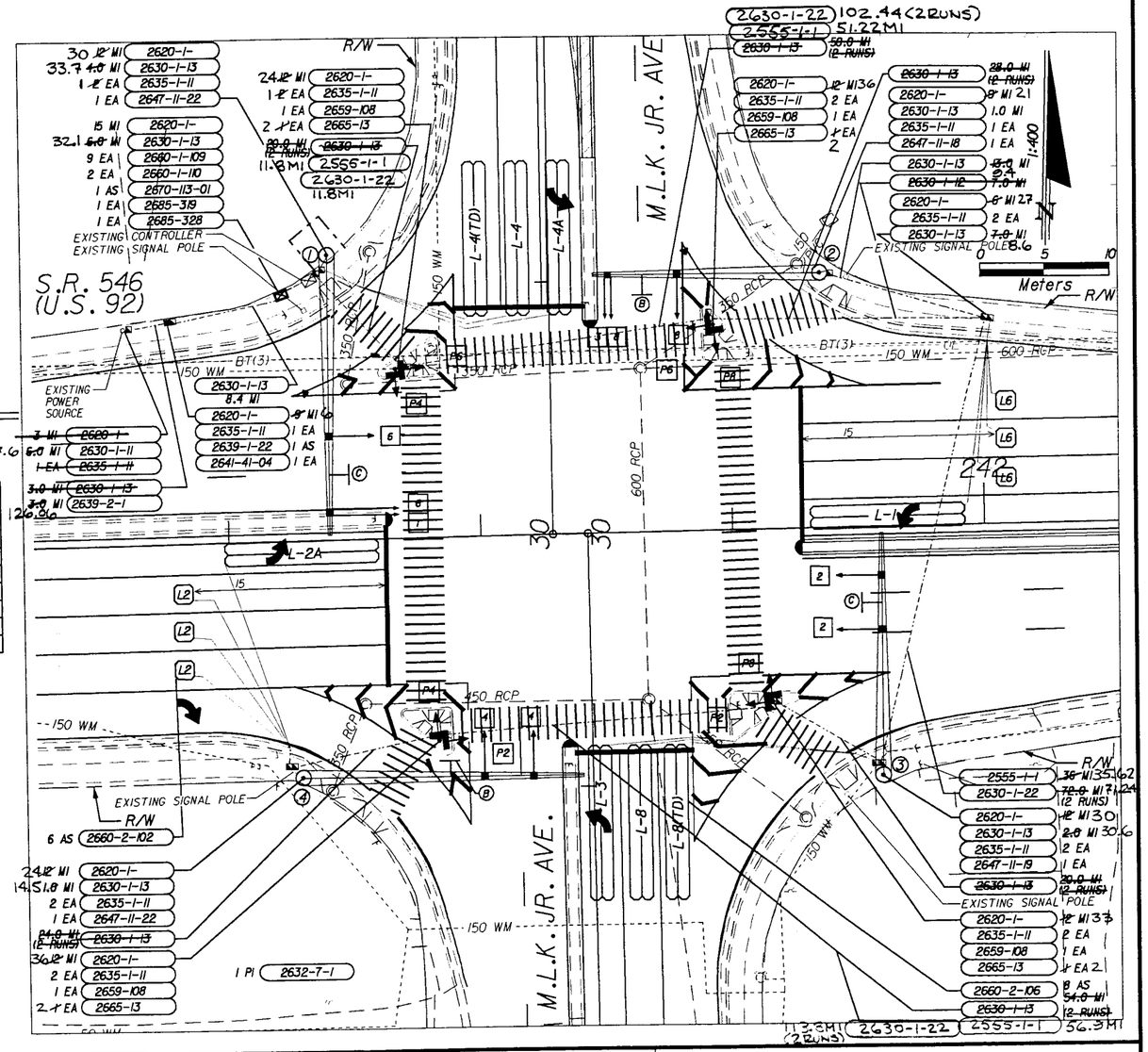
DETECTORS FOR LOOPS			
LOOPS	NO. OF LOOPS	NO. OF DETECTORS	NO. OF TD DETECTORS
L-1	1	1	
L-2A	1	1	
L-2	3	2	
L-3	1	1	
L-4,4A	2	1	
L-4(TD)	1		1 *
L-6	3	2	
L-8	1	1	
L-8(TD)	1		1 *

* 10 SECONDS DELAY. DELAY TIME IS INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY THE PROJECT ENGINEER.

1/12/99

M L King Jr — SIGN (C) — 2700-89-1 — 2 EA

Memorial Blvd — SIGN (B) — 2700-89-1 — 2 EA



FINANCIAL PROJECT ID	STATE PROJ
197604-1-52-01	16100-351

SHEET NO.
T-6A

S.R. 546 (U.S. 92)

FLORIDA AVE.

TENNESSEE AVE.

1:400

N

9A5 2660-2-102

4.7

246

℄ SURVEY

3.0

245

30

2660-2-106
2A5

82.50

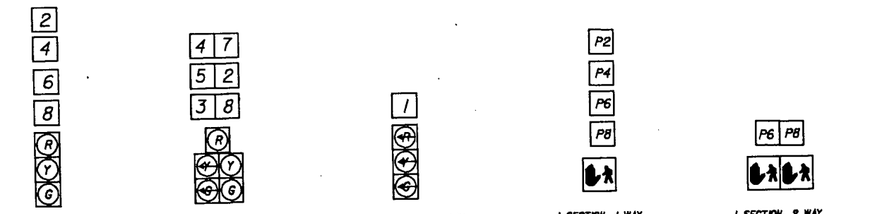
" This project was constructed in substantial compliance with these plans as provided by the Engineer of Record. If changes were made, those changes are indicated by delineated revision and bear the seal and signature of the Responsible Engineer."

Gary L. S. Jones, P.E. 1-5-01

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNALIZATION PLAN
S.R. 546 (US 92) & FLORIDA AVE

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-7



3 SECTION, 1 WAY — 2650-1-131 — 5 AS

5 SECTION, 1 WAY — 2650-9-151 — 1 AS

3 SECTION, 1 WAY — 2650-1-131 — 1 AS

1 SECTION, 1 WAY — 2653-111 — 6 AS

1 SECTION, 2 WAY — 2653-112 — 1 AS

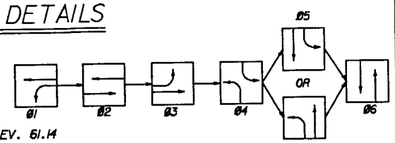
2659-106 — 32 EA TUNNEL VISORS FOR ALL MOVEMENTS

2659-101 — 2 EA BACK PLATES FOR MOVEMENTS 2 AND 6.

2659-118 — 2 EA BACK PLATES FOR MOVEMENTS 5/2 & 1/6

◀ DENOTES OPTICOM PREEMPTION DEVICE

SIGNAL HEAD DETAILS



POLE DATA

POLE (1) STATION 248+55.270, U.S. 92, 20.850 LT ELEV. 61.15
ARM "A" ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 61.14
ARM "B" ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 61.25

POLE (2) STATION 248+86.940, U.S. 92, 14.620 RT ELEV. 60.46
ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 61.05

POLE (3) STATION 248+51.600, U.S. 92, 18.500 RT ELEV. 60.45
ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 60.56

CONTROLLER OPERATIONS:

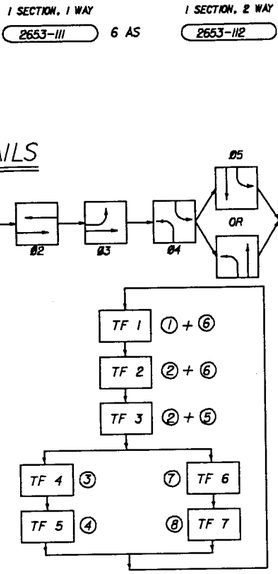
1. MAJOR STREET IS S.R. 546 (U.S. 92) , PHASE 2 (MOVEMENTS 2 AND 6), AND MINOR STREET IS MASSACHUSETTS AVE./LAKELAND HILLS BLVD., PHASE 6 (MOVEMENTS 4 AND 8).
2. SPECIAL SIGNAL OPERATING PLAN WITH THE FOLLOWING:
   A. COORDINATION ON PHASE 2 (MOVEMENTS 2 AND 6) - TIME-BASE. SIGNAL IS COORDINATED WITH PHASE 2 (MOVEMENTS 2 AND 6).
   B. CONCURRENT/ACTUATED PEDESTRIANS FOR MOVEMENTS 2 (P2), 4 (P4), 6 (P6) AND 8 (P8). THE FORCE-OFF FUNCTION FOR PHASE 6 SHALL NOT BE EFFECTIVE DURING THE TIMING OF PEDESTRIAN CLEARANCE INTERVAL FOR P4 AND P8. SYNCHRONIZATION SHALL BE MAINTAINED. THE CONTROLLER SHALL REMAIN IN THE COORDINATED MODE AND SHALL NOT REVERT TO ISOLATED OPERATION AS A RESULT OF PEDESTRIAN ACTUATION.
   C. THE YIELD POINT SHALL BE THE POINT IN THE CYCLE WHERE THE COORDINATED PHASE 2 (MOVEMENTS 2 AND 6) IS TERMINATED SUBJECT TO THE PRESENCE OF A CONFLICTING CALL. THE YIELD POINT SHALL BE THE ZERO PERCENT OFFSET OF THE LOCAL CYCLE LENGTH.
3. SIGNAL TIMING MAY REQUIRE FIELD ADJUSTMENTS .

NOTES:

1. TYPE "F" LOOP L-5 TO BE PLACED 3.0m BEYOND STOP BAR AND ALL OTHER TYPE "F" LOOPS TO PLACED 600mm BEHIND STOP BAR.
2. REMOVE EXISTING SPAN MOUNTED OPT. COM PREEMPTION DETECTORS USING ITEM No. 2690-100.
3. PAY ITEM NO. 2670-113-11: SHALL INCLUDE THE RELOCATION OF THE EXISTING OPTICOM PREEMPTION EQUIPMENT TO THE PROPOSED MAST ARMS AS SHOWN.

CONTROLLER TIMING PLAN

TIMING FUNCTION	1	2	3	4	5	6	7	
MOVEMENT NUMBER	1+6	2+6	2+5	3	4	7	8	
MINIMUM GREEN (INITIAL)	7	43	7	7	42	7	42	
EXTENSION (PASSAGE)	6	6	6	5	4	5	4	
MAXIMUM GREEN I	13	49	13	12	46	12	46	
MAXIMUM GREEN II	-	-	-	-	-	-	-	
YELLOW	4.0	4.0	4.0	3.5	3.5	3.5	3.5	
ALL RED	2.5	2.5	2.5	2.5	3.0	2.5	3.0	
PEDESTRIAN WALK	-	7	-	-	7	-	7	
FLASHING DON'T WALK	-	36	-	-	35	-	35	
RECALL	-	MIN	-	-	-	-	-	



SPECIAL OPERATING PLAN

REMOVE EXIST. SIGNAL EQUIPMENT

ITEM NO.	UNIT	QTY.
2690-10-	EA	9
2690-20-	EA	8
2690-30-	EA	2
2690-50-	EA	1
2690-80-	EA	1
2690-90-	PI	1
2690-100-	PI	1

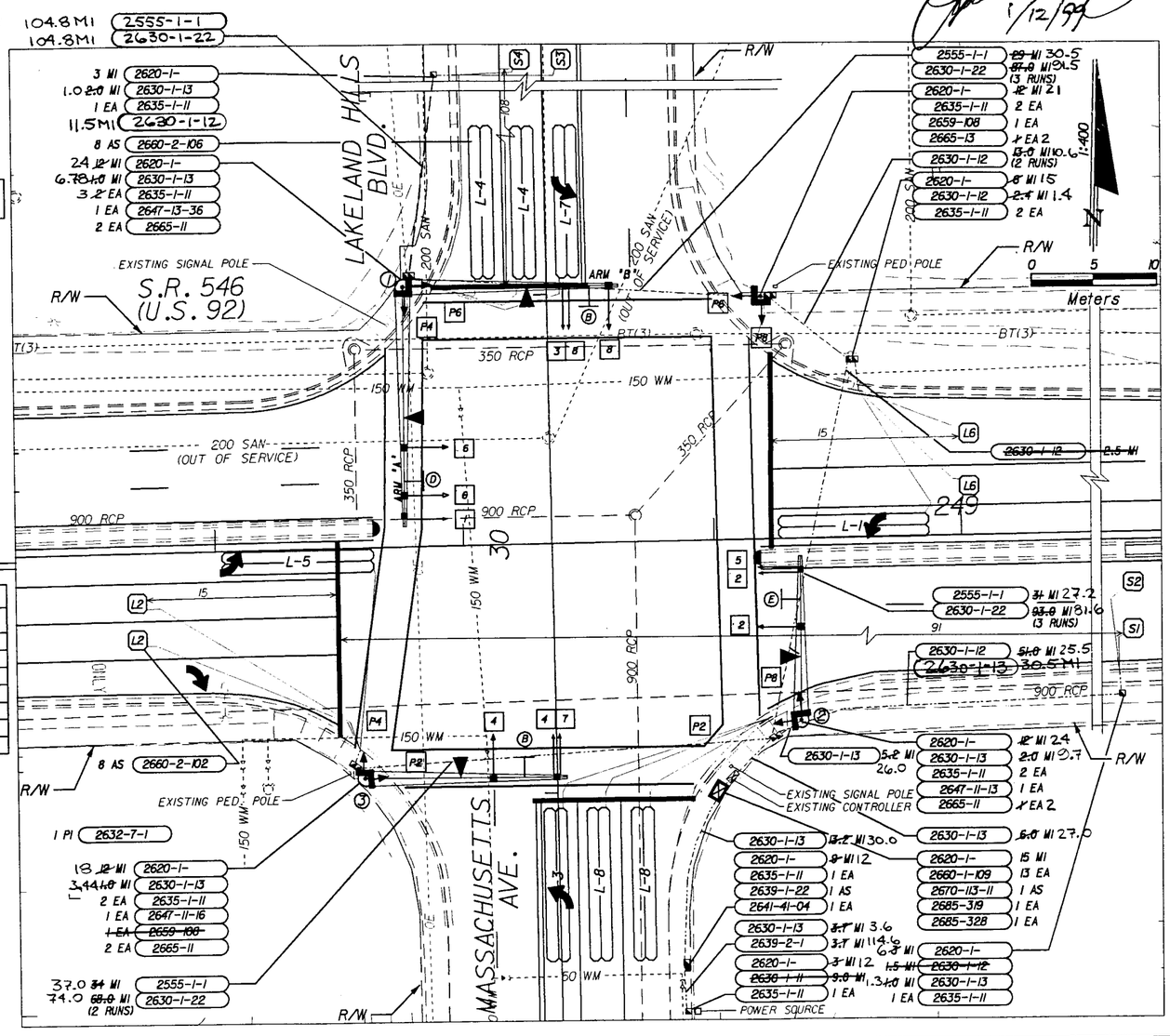
DETECTORS FOR LOOPS

LOOPS	NO. OF LOOPS	NO. OF DETECTORS	NO. OF TD DETECTORS
L-1	1	1	
L-2	2	2	
L-3	1	1	
L-4	2	1	
L-5	1	1	
L-6	2	1	
L-7	1	1	
L-8	2	1	
S-1	1	1	
S-2	1	1	
S-3	1	1	
S-4	1	1	

← MASSACHUSETTS LAKELAND HILLS →
SIGN (D) — 2700-89-1 — 1 EA

← MASSACHUSETTS LAKELAND HILLS →
SIGN (E) — 2700-89-1 — 1 EA

Memorial Blvd
SIGN (B) — 2700-89-1 — 2 EA



DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

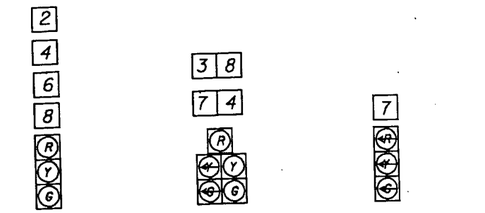
Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNALIZATION PLAN (LOCATION 3)
S.R. 546 (U.S. 92) &
MASSACHUSETTS AVE./LAKELAND HILLS BLVD.

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
PASSED, NO CHECKING
DATE
CHECKED CONTRACT PLANS (Signature)
DATE
BASIC CHECKLIST (Signature & Revision Incorporated)
DATE

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-8



3 SECTION, 1 WAY — 2650-1-131 — 6 AS

5 SECTION, 1 WAY — 2650-9-151 — 2 AS

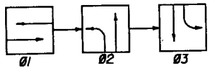
3 SECTION, 1 WAY — 2650-1-131 — 1 AS

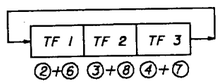
1 SECTION, 1 WAY — 2653-111 — 4 AS

1 SECTION, 2 WAY — 2653-112 — 1 AS

2659-106 — 31 EA TUNNEL VISORS FOR ALL MOVEMENTS

2659-101 — 4 EA BACK PLATES FOR MOVEMENTS 2 AND 6.





SPECIAL OPERATING PLAN

SIGNAL HEAD DETAILS

POLE DATA

POLE ① STATION 254+64.000, U.S. 92, 15.620 LT ELEV. 42.90
ARM "A" ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 42.50
ARM "B" ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 43.13

POLE ② STATION 254+84.940, U.S. 92, 12.490 RT ELEV. 42.70
ARM "A" ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 42.65
ARM "B" ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 42.87

CONTROLLER OPERATIONS:

1. MAJOR STREET IS S.R. 546 (U.S. 92) , PHASE 1 (MOVEMENTS 2 AND 6), AND MINOR STREET IS LAKESHORE DR. PHASE 2 (MOVEMENTS 3 AND 8) AND PHASE 3 (MOVEMENTS 4 AND 7).
2. SPECIAL SIGNAL OPERATING PLAN WITH THE FOLLOWING:
   A. COORDINATION ON PHASE 1 (MOVEMENTS 2 AND 6) -TIME BASE. SIGNAL IS COORDINATED WITH PHASE 1 (MOVEMENTS 2 AND 6).
   B. CONCURRENT/ACTUATED PEDESTRIANS FOR MOVEMENTS 2 (P2), 4 (P4), 6 (P6) AND 8 (P8). THE FORCE-OFF FUNCTION FOR PHASE 2 AND 3 SHALL NOT BE EFFECTIVE DURING THE TIMING OF PEDESTRIAN CLEARANCE INTERVAL FOR P4 AND P8. SYNCHRONIZATION SHALL BE MAINTAINED. THE CONTROLLER SHALL REMAIN IN THE COORDINATED MODE AND SHALL NOT REVERT TO ISOLATED OPERATION AS A RESULT OF PEDESTRIAN ACTUATION.
   C. THE YIELD POINT SHALL BE THE POINT IN THE CYCLE WHERE THE COORDINATED PHASE 1 (MOVEMENTS 2 AND 6) IS TERMINATED SUBJECT TO THE PRESENCE OF A CONFLICTING CALL. THE YIELD POINT SHALL BE THE ZERO PERCENT OFFSET OF THE LOCAL CYCLE LENGTH.
3. SIGNAL TIMING MAY REQUIRE FIELD ADJUSTMENTS .
4. THE CONTROLLER CABINET SHALL BE WIRED IN ACCORDANCE WITH THE SIGNAL OPERATING PLAN. THE CONTROLLER CABINET SHALL BE WIRED UTILIZING MOVEMENT 3 TO PROVIDE PHASE 2 OF THE SIGNAL OPERATING PLAN AND MOVEMENT 4 TO PROVIDE PHASE 3 OF THE SIGNAL OPERATING PLAN. LEFT TURN SIGNAL HEADS NUMBER 3 AND 7 SHALL BE WIRED TO THE COMPANION THRU HEADS (FOR PHASE 2 AND 3) ON THE TERMINAL BLOCK IN THE CONTROLLER CABINET ONLY, NOT IN THE OVERHEAD WIRING.
5. CONTRACTOR TO HAND DIG FOUNDATION OF PEDESTRIAN SIGNAL POLE IN THE NORTHEAST CORNER OF LAKESHORE DRIVE / S.R.546 (U.S.92) WHICH IS REQUIRED DUE TO POTENTIAL UTILITIES CONFLICT.

NOTES:

1. TYPE "F" LOOPS TO BE 1.8m x 12.0m AND PLACED 600mm BEYOND STOP BAR, EXCEPT LOOPS L-5 AND L-1 WHICH SHALL BE PLACED 600mm BEHIND STOP BAR.

CONTROLLER TIMING PLAN

TIMING FUNCTION	1	2	3
MOVEMENT NUMBER	2+6	3+8	4+7
MINIMUM GREEN (INITIAL)	13	24	24
EXTENSION (PASSAGE)	6	5	5
MAXIMUM GREEN I	74	29	29
MAXIMUM GREEN II	-	-	-
YELLOW	4.0	3.5	3.5
ALL RED	2.0	2.5	2.5
PEDESTRIAN WALK	7	7	7
FLASHING DON'T WALK	6	17	17
RECALL	MIN	-	-

REMOVE EXIST. SIGNAL EQUIPMENT

ITEM NO.	UNIT	QTY.
2690-10-	EA	8
2690-20-	EA	6
2690-30-	EA	4 1
2690-50-	EA	1
2690-80-	EA	4
2690-90-	PI	1
2690-100-	PI	1

DETECTORS FOR LOOPS

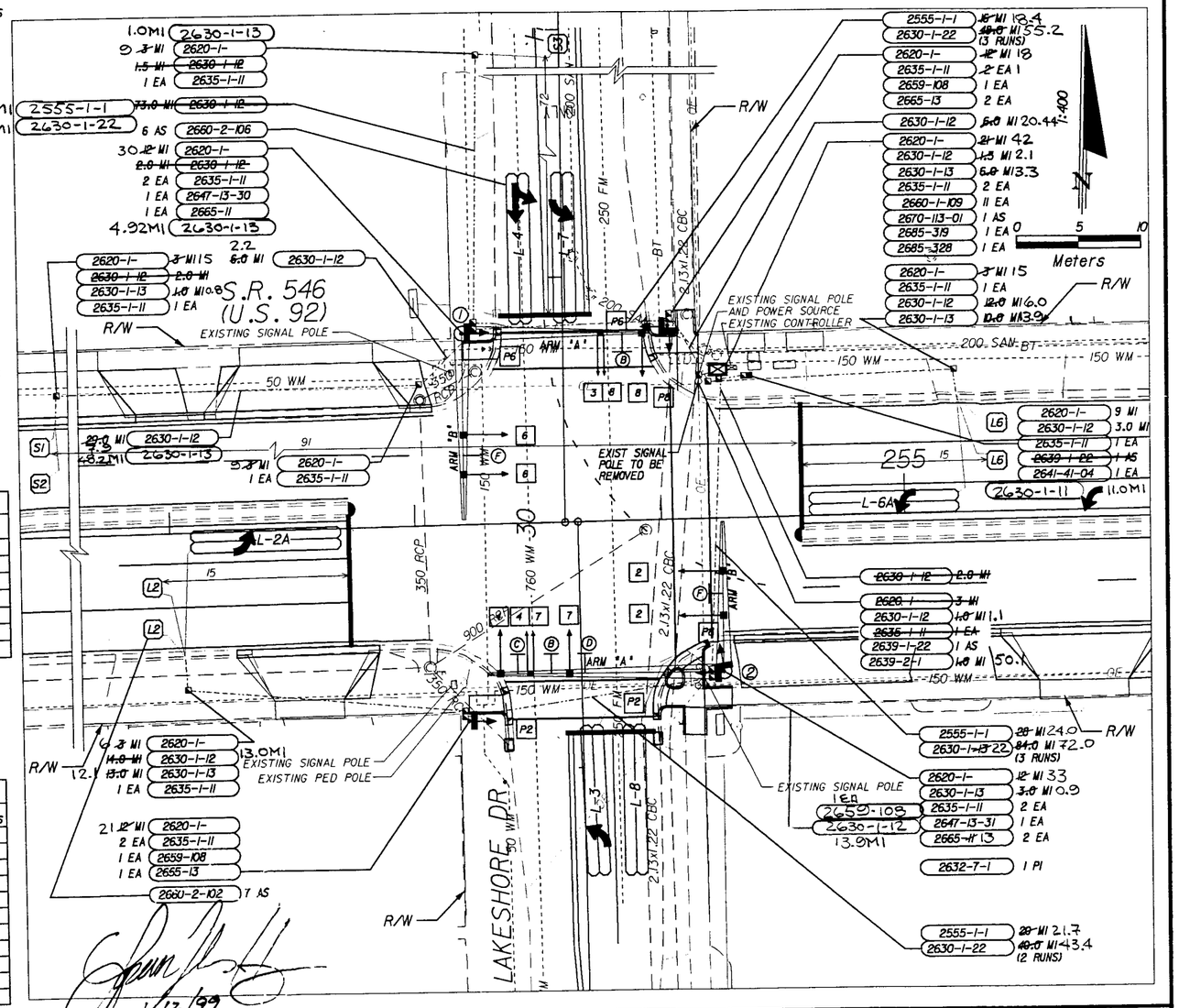
LOOPS	NO. OF LOOPS	NO. OF DETECTORS	NO. OF TD DETECTORS
L-2	2	1	
L-2A	1	1	
L-3	1	1	
L-4	1	1	
L-6	2	1	
L-6A	1	1	
L-7	1	1	
L-8	1	1	
S-1	1	1	
S-2	1	1	
S-3	1	1	

Lakeshore Dr — SIGN (F) — 2700-89-1 — 2 EA

Memorial Blvd — SIGN (B) — 2700-89-1 — 2 EA

SIGN (C) R3-6 — 2700-48-18 — 1 EA

SIGN (D) R3-8 — 2700-48-18 — 1 EA

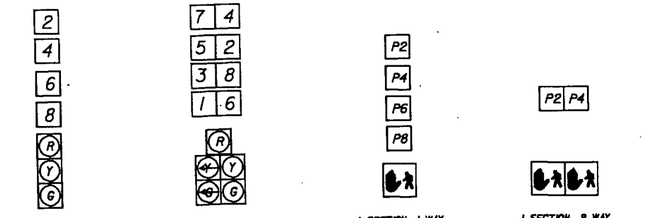


Falfer, Davis & Associates, Inc. — CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNALIZATION PLAN (LOCATION 4)
S.R. 546 (U.S. 92) & LAKESHORE DR.

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-9



3 SECTION, 1 WAY — 2650-1-131 — 4 AS
5 SECTION, 1 WAY — 2650-9-151 — 4 AS
1 SECTION, 1 WAY — 2653-111 — 6 AS
1 SECTION, 2 WAY — 2653-112 — 1 AS

2659-106 — 38 EA TUNNEL VISORS FOR ALL MOVEMENTS
32
2659-101 — 2 EA BACK PLATES FOR MOVEMENTS 2 AND 6.
2659-118 — 2 EA BACK PLATE FOR MOVEMENTS 1/6 & 2/5

SIGNAL HEAD DETAILS

POLE DATA

POLE (1) STATION 257+60.250, U.S. 92, 14.330 LT ELEV. 41.67
ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 41.78
POLE (2) STATION 257+91.200, U.S. 92, 19.330 RT ELEV. 41.75
ARM 'A' ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 41.74
ARM 'B' ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 41.90
POLE (3) STATION 257+96.980, U.S. 92, 14.590 LT ELEV. 41.80
ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 41.76

CONTROLLER OPERATIONS:

1. MAJOR STREET IS S.R. 546 (U.S. 92) , PHASE 3 (MOVEMENTS 2 AND 6). AND MINOR STREET IS INGRAHAM AVE. PHASE 6 (MOVEMENTS 4 AND 8).
2. SIGNAL OPERATING PLAN #10 WITH THE FOLLOWING:
   A. COORDINATION ON PHASE 3 (MOVEMENTS 2 AND 6) TIME-BASE. SIGNAL IS COORDINATED WITH PHASE 3 (MOVEMENTS 2 AND 6).
   B. CONCURRENT/ACTUATED PEDESTRIANS FOR MOVEMENTS 2 (P2), 4 (P4), 6 (P6) AND 8 (P8). THE FORCE-OFF FUNCTION FOR PHASE 6 SHALL NOT BE EFFECTIVE DURING THE TIMING OF PEDESTRIAN CLEARANCE INTERVAL FOR P4 AND P8. SYNCHRONIZATION SHALL BE MAINTAINED. THE CONTROLLER SHALL REMAIN IN THE COORDINATED MODE AND SHALL NOT REVERT TO ISOLATED OPERATION AS A RESULT OF PEDESTRIAN ACTUATION.
   C. THE YIELD POINT SHALL BE THE POINT IN THE CYCLE WHERE THE COORDINATED PHASE 3 (MOVEMENTS 2 AND 6) IS TERMINATED SUBJECT TO THE PRESENCE OF A CONFLICTING CALL. THE YIELD POINT SHALL BE THE ZERO PERCENT OFFSET OF THE LOCAL CYCLE LENGTH.
3. SIGNAL TIMING MAY REQUIRE FIELD ADJUSTMENTS .

NOTES:

1. TYPE "F" LOOPS TO BE 1.8m x 12.0m AND PLACED 600mm BEHIND STOP BAR.

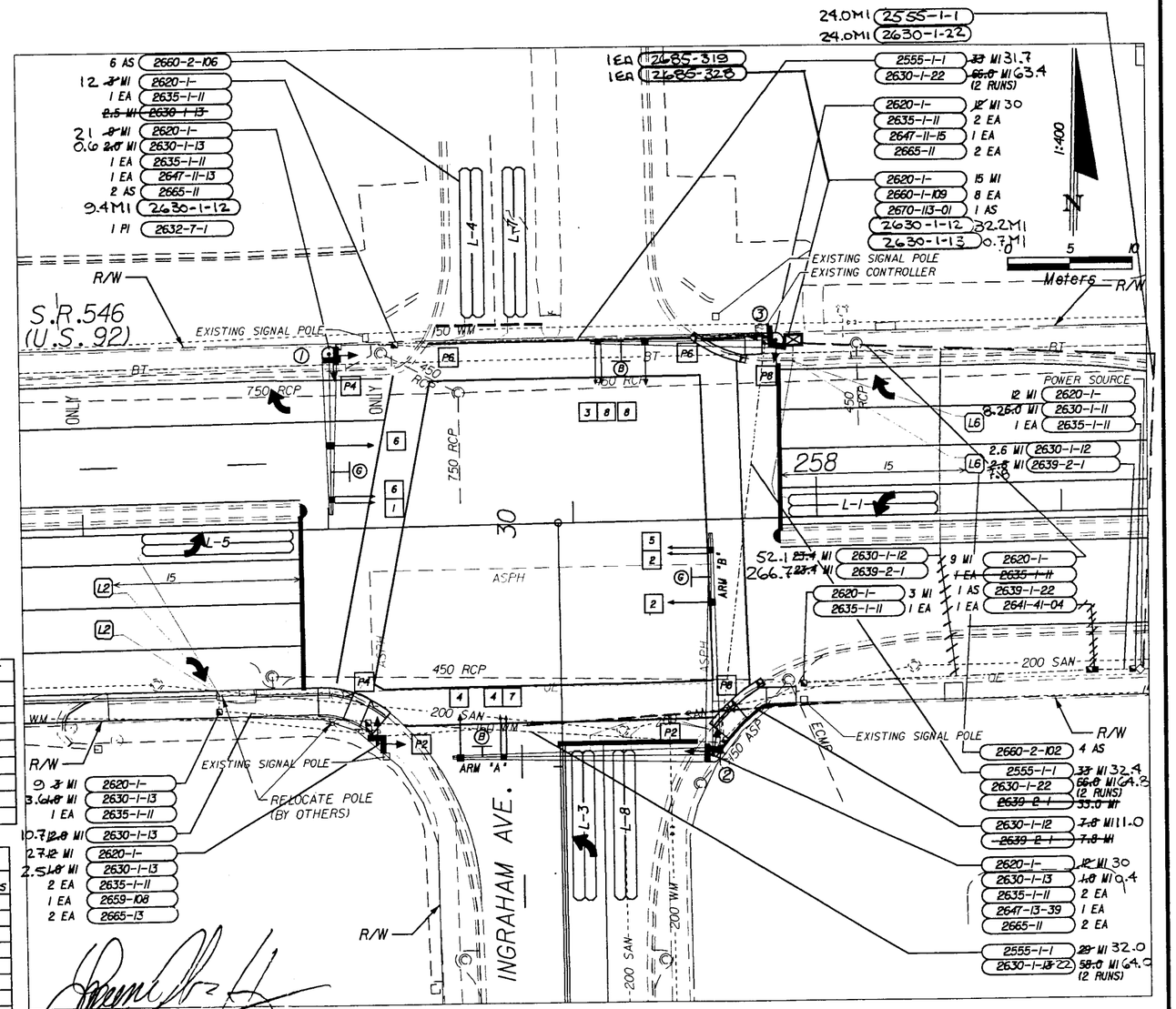
CONTROLLER TIMING PLAN								
TIMING FUNCTION	1	2	3	4	5	6	7	8
MOVEMENT NUMBER	1	2	3	4	5	6	7	8
MINIMUM GREEN (INITIAL)	7	27	7	28	7	27	7	28
EXTENSION (PASSAGE)	6	6	5	5	6	6	5	5
MAXIMUM GREEN I	13	65	12	33	13	65	12	33
MAXIMUM GREEN II	-	-	-	-	-	-	-	-
YELLOW	4.0	4.0	3.5	3.5	4.0	4.0	3.5	3.5
ALL RED	2.5	2.5	2.5	3.0	2.5	2.5	2.5	3.0
PEDESTRIAN WALK	-	7	-	7	-	7	-	7
FLASHING DON'T WALK	-	20	-	21	-	20	-	21
RECALL	-	MIN	-	-	-	MIN	-	-

REMOVE EXIST. SIGNAL EQUIPMENT		
ITEM NO.	UNIT	QTY.
2690-10-	EA	10
2690-20-	EA	8
2690-30-	EA	4
2690-50-	EA	1
2690-80-	EA	4
2690-90-	PI	1
2690-100-	PI	1

DETECTORS FOR LOOPS			
LOOPS	NO. OF LOOPS	NO. OF DETECTORS	NO. OF TO DETECTORS
L-1	1	1	
L-2	2	1	
L-3	1	1	
L-4	1	1	
L-5	1	1	
L-6	2	1	
L-7	1	1	
L-8	1	1	

Ingraham Ave
SIGN (6) 2700-89-1 2 EA

Memorial Blvd
SIGN (8) 2700-89-1 2 EA



1/12/99

DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNALIZATION PLAN (LOCATION 5)
S.R. 546 (U.S. 92) & INGRAHAM AVE.

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
CHECKED

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-10

3 SECTION, 1 WAY — 2650-1-131 — 3 AS

2659-106 — 33 EA TUNNEL VISORS FOR ALL MOVEMENTS

2659-101 — 4 EA BACK PLATES FOR MOVEMENTS 2 AND 6.

3 SECTION, 1 WAY — 2650-1-131 — 8 AS

1 SECTION, 1 WAY — 2653-111 — 4 AS

1 SECTION, 2 WAY — 2653-112 — 1 AS

SIGNAL HEAD DETAILS

POLE DATA

POLE (1) STATION 261+66.440, U.S. 92, 19.090 LT ELEV. 43.70
ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 43.84

POLE (2) STATION 261+98.750, U.S. 92, 13.010 LT ELEV. 43.58
ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 43.61

POLE (3) STATION 262+04.110, U.S. 92, 13.050 RT ELEV. 43.49
ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 43.55

POLE (4) STATION 261+69.280, U.S. 92, 22.480 RT ELEV. 43.39
ROADWAY ELEVATION FOR THE OUTSIDE SIGNAL HEAD ELEV. 43.84

Ø1 Ø2 Ø3

TF 1 | TF 2 | TF 3
②+⑥ ④+⑦ ③+⑧

SPECIAL OPERATING PLAN

CONTROLLER OPERATIONS:

1. MAJOR STREET IS S.R. 546 (U.S. 92) , PHASE 1 (MOVEMENTS 2 AND 6), AND MINOR STREET IS LAKE PARKER AVE. PHASE 2 (MOVEMENTS 4 AND 7) AND PHASE 3 (MOVEMENTS 3 AND 8).
2. SPECIAL SIGNAL OPERATING PLAN WITH THE FOLLOWING:
   A. COORDINATION ON PHASE 1 (MOVEMENTS 2 AND 6) -TIME BASE. SIGNAL IS COORDINATED WITH PHASE 1 (MOVEMENTS 2 AND 6).
   B. CONCURRENT/ACTUATED PEDESTRIANS FOR MOVEMENTS 2 (P2), 4 (P4), 6 (P6) AND 8 (P8). THE FORCE-OFF FUNCTION FOR PHASE 2 AND 3 SHALL NOT BE EFFECTIVE DURING THE TIMING OF PEDESTRIAN CLEARANCE INTERVAL FOR P4 AND P8. SYNCHRONIZATION SHALL BE MAINTAINED. THE CONTROLLER SHALL REMAIN IN THE COORDINATED MODE AND SHALL NOT REVERT TO ISOLATED OPERATION AS A RESULT OF PEDESTRIAN ACTUATION.
   C. THE YIELD POINT SHALL BE THE POINT IN THE CYCLE WHERE THE COORDINATED PHASE 1 (MOVEMENTS 2 AND 6) IS TERMINATED SUBJECT TO THE PRESENCE OF A CONFLICTING CALL. THE YIELD POINT SHALL BE THE ZERO PERCENT OFFSET OF THE LOCAL CYCLE LENGTH.
3. SIGNAL TIMING MAY REQUIRE FIELD ADJUSTMENTS .
4. THE CONTROLLER CABINET SHALL BE WIRED IN ACCORDANCE WITH THE SIGNAL OPERATING PLAN. THE CONTROLLER CABINET SHALL BE WIRED UTILIZING MOVEMENT 4 TO PROVIDE PHASE 2 OF THE SIGNAL OPERATING PLAN AND MOVEMENT 3 TO PROVIDE PHASE 3 OF THE SIGNAL OPERATING PLAN. MOVEMENT 3 TO PROVIDE PHASE 3 OF THE SIGNAL OPERATING PLAN. LEFT TURN SIGNAL HEADS NUMBER 3 AND 7 SHALL BE WIRED TO THE COMPANION THROUGH HEADS (FOR PHASE 2 AND 3) ON THE TERMINAL BLOCK IN THE CONTROLLER CABINET ONLY, NOT IN THE OVERHEAD WIRING. THE CONTROLLER MUST BE PROGRAMMED FOR PHASE REVERSAL FOR MOVEMENTS 3 AND 4 (PHASE 2 AND 3).

NOTES:

1. TYPE 'F' LOOPS TO BE 1.8m x 12.0m AND PLACED 600mm BEYOND STOP BAR.

CONTROLLER TIMING PLAN

TIMING FUNCTION	1	2	3
MOVEMENT NUMBER	2+6	4+7	3+8
MINIMUM GREEN (INITIAL)	30	37	37
EXTENSION (PASSAGE)	6	5	5
MAXIMUM GREEN I	46	42	42
MAXIMUM GREEN II	-	-	-
YELLOW	4.0	3.5	3.5
ALL RED	3.0	3.0	2.5
PEDESTRIAN WALK	7	7	-
FLASHING DON'T WALK	17	19	-
RECALL	MIN	-	-

REMOVE EXIST. SIGNAL EQUIPMENT

ITEM NO.	UNIT	QTY.
2690-10-	EA	11
2690-20-	EA	6
2690-30-	EA	2
2690-50-	EA	1
2690-80-	EA	4
2690-90-	PI	1
2690-100-	PI	1

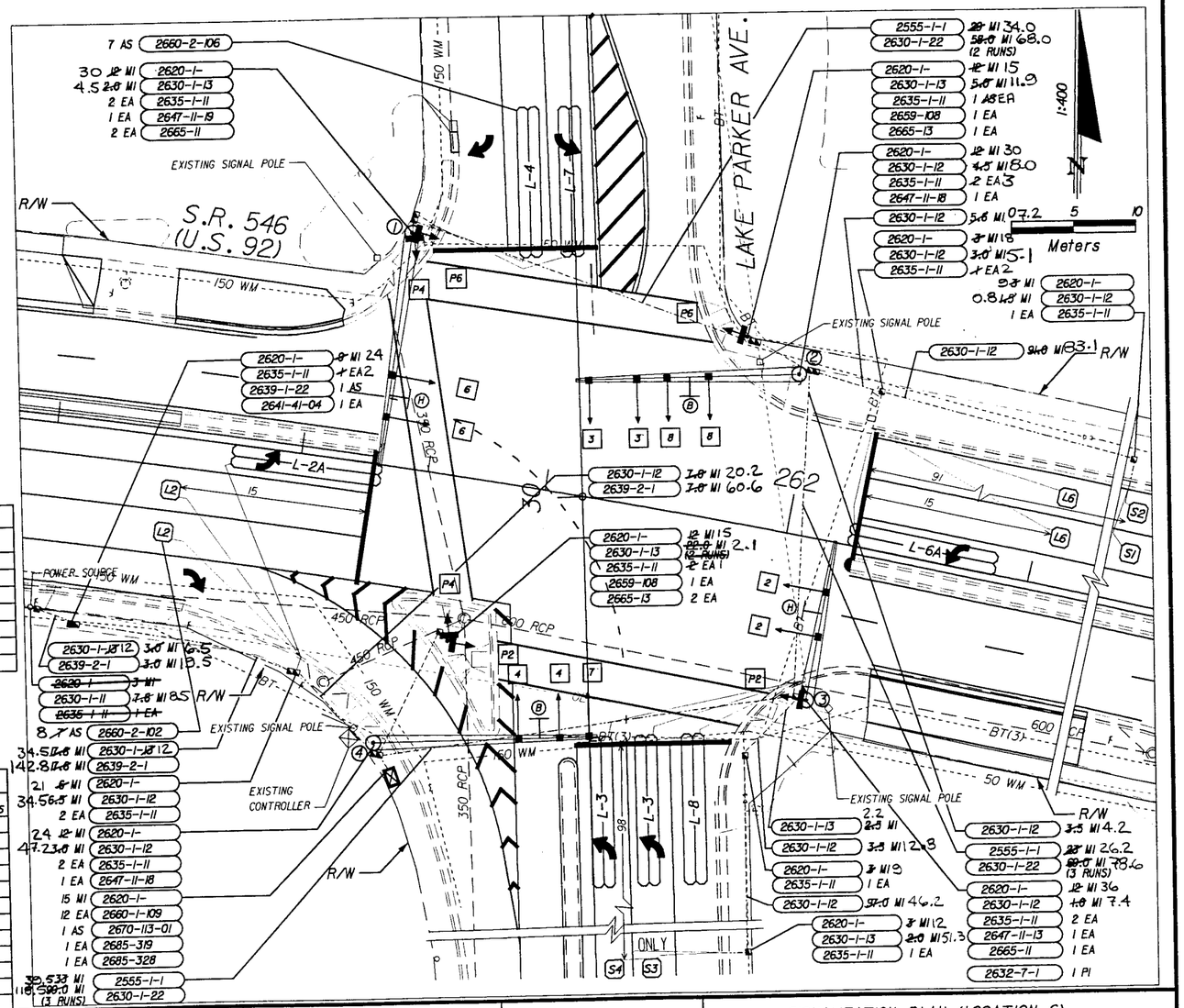
DETECTORS FOR LOOPS

LOOPS	NO. OF LOOPS	NO. OF DETECTORS	NO. OF TD DETECTORS
L-2A	1	1	
L-2	2	1	
L-3	2	1	
L-4	1	1	
L-6A	1	1	
L-6	2	1	
L-7	1	1	
L-8	1	1	
S-1	1	1	
S-2	1	1	
S-3	1	1	
S-4	1	1	

V 12/99

Lk Parker Ave — SIGN (H) — 2700-89-1 — 2 EA

Memorial Blvd — SIGN (B) — 2700-89-1 — 2 EA



DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc. — CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNALIZATION PLAN (LOCATION 6)
S.R. 546 (U.S. 92) & LAKE PARKER AVE.

QUALITY CONTROL/QUALITY ASSURANCE REVIEW — DATE — CHECKED — DATE

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-11

8
2
1
6

3 SECTION, 1 WAY — 2650-1-131 4 AS
3 SECTION, 1 WAY — 2650-1-131 2 AS
1 SECTION, 1 WAY — 2650-1-111 2 AS
2659-106 20 24 EA TUNNEL VISORS FOR ALL MOVEMENTS
2659-101 6 EA BACK PLATES FOR MOVEMENTS 1, 2 AND 6.

E Gary Rd
SIGN (1) 2700-89-1 2 EA
Memorial Blvd
SIGN (8) 2700-89-1 1 EA

SIGNAL HEAD DETAILS

Ø1 Ø2

TF 1 | TF 2
(1)+(6) (2)+(6)
(8)

POLE DATA

POLE (1) STATION 278+76.170, U.S. 92, 14.660 LT ELEV. 40.55
ARM "A" ROADWAY ELEVATION FOR THE OUTSDE SIGNAL HEAD ELEV. 41.15
ARM "B" ROADWAY ELEVATION FOR THE OUTSDE SIGNAL HEAD ELEV. 40.64
POLE (2) STATION 278+74.430, U.S. 92 , 16.950 RT ELEV. 41.32
ROADWAY ELEVATION FOR THE OUTSDE SIGNAL HEAD ELEV. 41.25

SPECIAL OPERATING PLAN

CONTROLLER OPERATIONS:

1. MAJOR STREET IS S.R. 546 (U.S. 92), PHASE 2 (MOVEMENTS 2 & 6) AND MINOR STREET IS EAST GARY RD., PHASE 1 (MOVEMENT 8)
2. FLASHING OPERATION IS YELLOW ON S.R. 546 (U.S. 92) AND RED ON EAST GARY RD.
3. SIGNAL INSTALLATION SHOULD BE WIRED AS A SPECIAL S.O.P.
4. SIGNAL TIMING MAY REQUIRE FIELD ADJUSTMENTS .

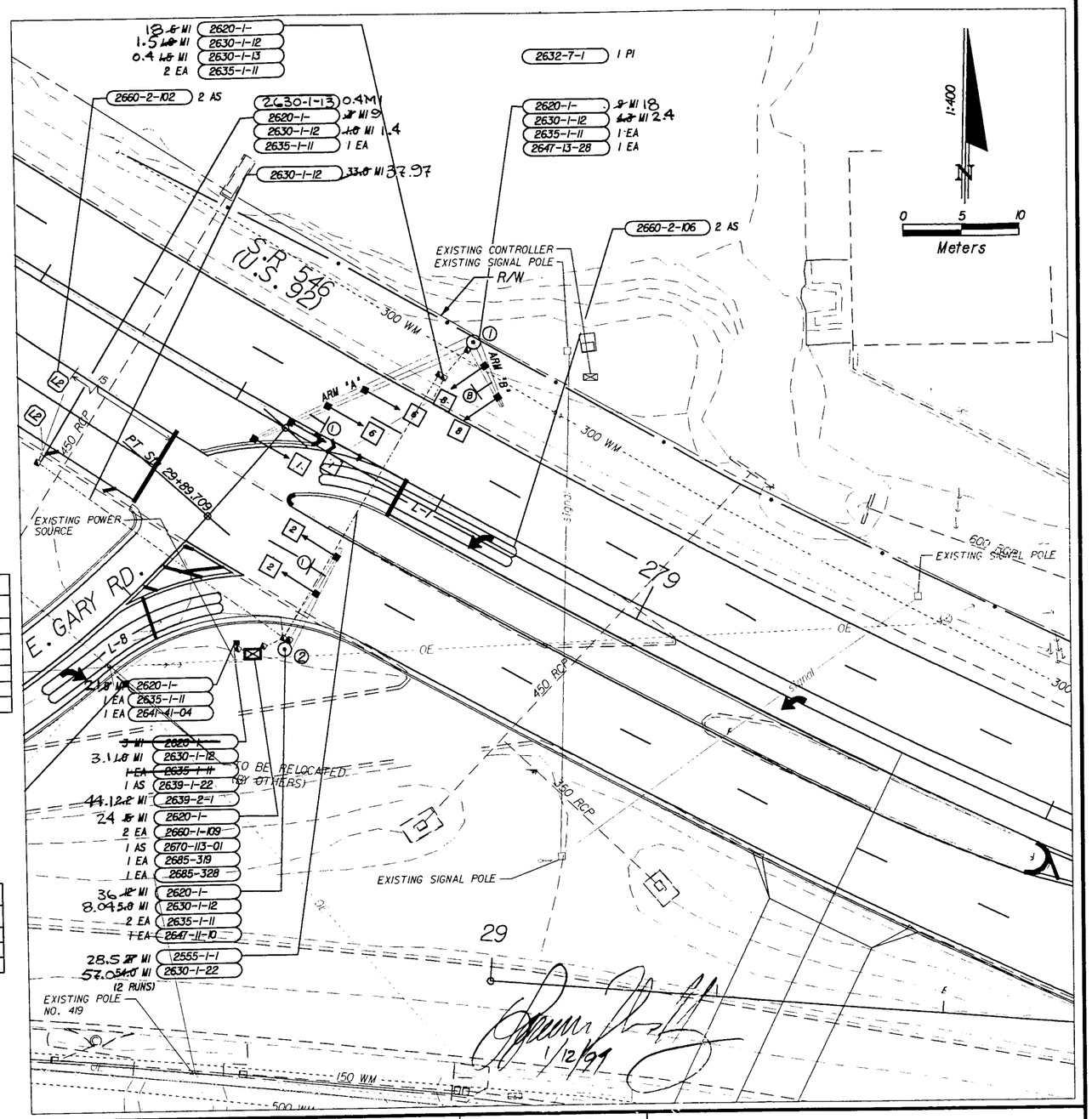
NOTES:

1. TYPE "F" LOOPS TO BE 1.8m x 18.0m AND PLACED 6.0m BEYOND STOP BAR.

REMOVE EXIST. SIGNAL EQUIPMENT		
ITEM NO.	UNIT	QTY.
2690-10-	EA	5
2690-30-	EA	3
2690-50-	AS	1
2690-80-	EA	2
2690-90-	PI	1
2690-100-	PI	1

CONTROLLER TIMING PLAN								
TIMING FUNCTION	1	2						
MOVEMENT NUMBER	1+6+8	2+6						
MINIMUM GREEN (INITIAL)	7	20						
EXTENSION (PASSAGE)	6	6						
MAXIMUM GREEN I	20	60						
MAXIMUM GREEN II	-	-						
YELLOW	4.0	4.0						
ALL RED	2.0	2.0						
PEDESTRIAN WALK	-	-						
FLASHING DON'T WALK	-	-						
RECALL	-	MIN						

DETECTORS FOR LOOPS			
LOOPS	NO. OF LOOPS	NO. OF DETECTORS	NO. OF TD DETECTORS
L-1	1	1	
L-2	2	1	
L-8A	1	1	



QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
DESIGNED
DRAWN
CHECKED
QUALITY CONTROL BY
DATE
DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNALIZATION PLAN (LOCATION 7)
S.R. 546 (U.S. 92) & E. GARY RD.

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-12

S.R. 546 (U.S. 92)

NOTE:
REMOVE EXISTING AERIAL INTERCONNECT CABLE FROM EXISTING POLE AT STA. 237+57.2. 13.87 LT TO EXISTING SIGNAL POLE AT STA. 237+50.12. 17.9 LT TO EXISTING CONTROLLER AT THE INTERSECTION OF U.S. 92/ LINCOLN AVE. AND REINSTALL VIA UNDERGROUND INTERCONNECT CABLE FROM EXISTING POLE AT STA. 237+57.20. 13.87 LT TO PROPOSED CONTROLLER.

3.0 MI 2620-1-
7.1 MI 2630-1-11
7.1 MI 2632-8-131
1 EA 2635-1-11
13.0 MI 2690-91

3.5 MI 2630-1-12
4.1 MI 2630-1-13
7.6 MI 2632-8-132

EXISTNG CONTROLLER
PROPOSED CONTROLLER
EXISTING POLE STA 237+57.20. 13.87 LT
EXISTING SIGNAL POLE STA 237+50.12. 17.90 LT (PAID FOR ON SHEET T-4)

ANDERSON AVE.
LINCOLN AVE.
OHIO AVE.
KETTLES AVE.
TEXAS AVE.

VOID

BEGIN INTERCONNECT STA. 237+48.300

237 238 239 240

14000
0 10 20
Meters

MATCH LINE STA. 240+60 SEE THIS SHEET

S.R. 546 (U.S. 92)

EXISTNG CONTROLLER
5.0 MI 2632-8-132
5.0 MI 2690-91
PROPOSED CONTROLLER (PAID FOR ON SHEET T-5)
EXISTNG CONDUIT AND INTERCONNECT
EXISTING POLE STA 241+31.95. 17.07 LT

MATCH LINE STA. 240+60 SEE THIS SHEET

241 242 243 244

M.L.K. AVE.
FLORENCE AVE.
VIRGINIA AVE.
NEW YORK AVE.

VOID

14000
0 10 20
Meters

MATCH LINE STA. 244+20 SEE SHEET T-13

NOTE:
REMOVE EXISTING UNDERGROUND INTERCONNECT CABLE. (COMING FROM EXISTING POLE AT STA. 241+21.17. 14.3 LT). FROM EXISTING CONTROLLER AND REINSTALL VIA EXISTING UNDERGROUND INTERCONNECT CABLE TO PROPOSED CONTROLLER AT THE INTERSECTION OF U.S. 92/ M.L.K. JR. AVE.

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

INTERCONNECT PLAN

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-12

S.R. 546 (U.S. 92)

NOTE:
REMOVE EXISTING AERIAL INTERCONNECT CABLE FROM EXISTING POLE AT STA. 237+57.2. 13.87 LT TO EXISTING SIGNAL POLE AT STA. 237+50.12. 17.9 LT TO EXISTING CONTROLLER AT THE INTERSECTION OF U.S. 92/ LINCOLN AVE. AND REINSTALL VIA UNDERGROUND INTERCONNECT CABLE FROM EXISTING POLE AT STA. 237+57.20. 13.87 LT TO PROPOSED CONTROLLER.

2630-1-12 7.6 MI 9.2
2632-8-112 7.6 MI
2632-8-111 7.1 MI 7.9
2635-1-11 1 EA
2635-1-12 1 EA
2634-4-114 2.0 EA
2420-1 .45MI

EXISTING POLE STA 237+81.5, 13.5 LT

EXISTING POLE STA 237+57.20. 13.87 LT

2632-8-131 25.0 MI

ANDERSON AVE.

LINCOLN AVE.

OHIO AVE.

KETTLES AVE.

TEXAS AVE.

MATCH LINE STA. 240+60 SEE THIS SHEET

15 3.0 MI 2620-1-
7.1 MI 2630-1-11
7.1 MI 2632-8-131
1 EA 2635-1-11
13.0 MI 2690-91
96.0

3.5 MI 2630-1-12
4.1 MI 2630-1-13
7.6 MI 2632-8-132

40 42.0 MI 2632-8-131
EXISTNG CONTROLLER
PROPOSED CONTROLLER

EXIST POLE STA 237+15.2 14.3 LT.

EXISTING SIGNAL POLE STA 237+50.12. 17.90 LT (PAID FOR ON SHEET T-4)

BEGIN INTERCONNECT
STA. 237+48.300

0 10 20
Meters

S.R. 546 (U.S. 192)

9.7MI 2630-1-13
30.0 MI 2632-8-112
44 236.0 MI 2690-91
38.0 MI 2630-1-12
21.42

EXISTNG CONTROLLER
5.0 MI 2632-8-132
5.0 MI 2690-91

PROPOSED CONTROLLER (PAID FOR ON SHEET T-5)

EXISTNG CONDUIT AND INTERCONNECT

EXISTING POLE STA 241+31.95. 17.07 LT

2620-1- 3.0 MI
2630-1-11 8.0 MI 7.9
2632-8-111 8.0 MI 10.6
2635-1-11 1 EA

M.L.K. AVE.

FLORENCE AVE.

VIRGINIA AVE.

NEW YORK AVE.

MATCH LINE STA. 240+60 SEE THIS SHEET

MATCH LINE STA. 244+20 SEE SHEET T-13

0 10 20
Meters

NOTE:
REMOVE EXISTING UNDERGROUND INTERCONNECT CABLE. (COMING FROM EXISTING POLE AT STA. 241+21.17. 14.3 LT). FROM EXISTING CONTROLLER AND REINSTALL VIA EXISTING UNDERGROUND INTERCONNECT CABLE TO PROPOSED CONTROLLER AT THE INTERSECTION OF U.S. 92/ M.L.K. JR. AVE.

5/8/00
Construction Revision #1

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	MJO	⚠ REVISED INTERCONNECT						

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

INTERCONNECT PLAN

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-13

S.R. 546 (U.S. 92)

VOID

MISSOURI AVE.

FLORIDA AVE.

TENNESSEE AVE.

KENTUCKY AVE.

MATCH LINE STA. 244+20 SEE SHEET T-12

MATCH LINE STA. 247+80 SEE THIS SHEET

245

30

0 10 20 Meters

S.R. 546 (U.S. 92)

NOTE:
REMOVE EXISTING AERIAL INTERCONNECT CABLE FROM EXISTING POLE AT STA. 248+91.49, 14.67 LT TO EXISTING CONTROLLER AND REINSTALL VIA UNDERGROUND INTERCONNECT CABLE FROM EXISTING POLE AT STA. 248+91.49, 14.67 LT TO PROPOSED CONTROLLER AT THE INTERSECTION OF U.S. 92/ MASSACHUSETTS AVE.

EXISTING SIGNAL POLE
STA 248+91.49, 14.67 LT

2620-1-	3.0 MI
2630-1-11	8.0 MI
2632-8-131	8.0 MI
2635-1-11	1 EA
2690-91	36.0 MI
2630-1-12	3.5 MI
2630-1-13	29.0 MI
2632-8-132	39.5 MI

PROPOSED PULL BOX (PAID FOR ON SHEET T-7)
EXISTING CONTROLLER
PROPOSED CONTROLLER (PAID FOR ON SHEET T-7)

IOWA AVE.

VERMONT AVE.

MASSACHUSETTS AVE.

MATCH LINE STA. 247+80 SEE THIS SHEET

MATCH LINE STA. 251+40 SEE SHEET T-14

248 249 250 251

30

0 10 20 Meters

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE — REVIEWED CORRECTIONS MADE

DATE — C.O. BASE CHECKED (Green Check or Circle & Remark Incorrect)

DATE — REVISION

DATE — REVISION

DATE — REVISION

DATE — REVISION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

INTERCONNECT PLAN

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-13

S.R. 546 (U.S. 92)

MATCH LINE STA. 244+20 SEE SHEET T-12

MISSOURI AVE.

FLORIDA AVE.

TENNESSEE AVE.

KENTUCKY AVE.

MATCH LINE STA. 247+80 SEE THIS SHEET

245

247

1:1000

0 10 20

Meters

S.R. 546 (U.S. 92)

MATCH LINE STA. 247+80 SEE THIS SHEET

MASSACHUSETTS AVE.

IOWA AVE.

VERMONT AVE.

MATCH LINE STA. 251+40 SEE SHEET T-14

NOTE:
REMOVE EXISTING AERIAL INTERCONNECT CABLE FROM EXISTING POLE AT STA. 248+91.49. 14.67 LT TO EXISTING CONTROLLER AND REINSTALL VIA UNDERGROUND INTERCONNECT CABLE FROM EXISTING POLE AT STA. 248+91.49. 14.67 LT TO PROPOSED CONTROLLER AT THE INTERSECTION OF U.S. 92/ MASSACHUSETTS AVE.

EXISTING SIGNAL POLE
STA 248+91.49. 14.67 LT

2620-1- 3.0 MI G
2630-1-11 ~~8.0~~ MI 7.6
2632-8-131 ~~8.0~~ MI 7.6
2635-1-11 1 EA
2690-91 ~~36.8~~ MI 60.0x6

1.5MI 2630-1-13 ~~2630-1-12 3.5 MI~~

13.5MI 2630-1-13

2630-1-13 29.0 MI
⚠ ~~2632-8-132~~ 39.5 MI
~~2632-8-112~~ 39.5 MI G 4.6

PROPOSED PULL BOX (PAID FOR ON SHEET T-7)
EXISTNG CONTROLLER
PROPOSED CONTROLLER (PAID FOR ON SHEET T-7)

248 249 250 251

1:1000

0 10 20

Meters

8/8/00
Construction Revision #1

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	MJO	⚠ REVISED INTERCONNECT						

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

INTERCONNECT PLAN

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-14

S.R. 546 (U.S. 92)

NOTE:
REMOVE EXISTING AERIAL INTERCONNECT CABLE FROM EXISTING POLE AT STA. 254+83.14, 13.4 RT TO EXISTING CONTROLLER AND REINSTALL VIA UNDERGROUND INTERCONNECT CABLE TO PROPOSED CONTROLLER AT THE INTERSECTION OF U.S. 92/ LAKESHORE DR.

VOID

GILMORE AVE.

STELLA AVE.

LAKESHORE DR.

252

253

254

N

0 10 20
Meters

EXISTNG CONTROLLER

PROPOSED CONTROLLER (PAID FOR ON SHEET T-8)

22.0 MI 2630-1-13
26.0 MI 2632-8-132

3.0 MI 2620-1-
6.0 MI 2630-1-11
6.0 MI 2632-8-131
1 EA 2635-1-11
26.0 MI 2690-91

EXISTING POLE STA 254+83.14, 13.40 RT

MATCH LINE STA. 251+40 SEE SHEET T-13

MATCH LINE STA. 255+00 SEE THIS SHEET

S.R. 546 (U.S. 92)

NOTE:
REMOVE EXISTING AERIAL INTERCONNECT CABLE FROM EXISTING POLE AT STA 258+52.96, 13.6 RT TO EXISTING CONTROLLER AND REINSTALL VIA UNDERGROUND INTERCONNECT CABLE TO PROPOSED CONTROLLER AT THE INTERSECTION OF U.S. 92/ INGRAHAM AVE.

MORGAN AVE.

INGRAHAM AVE.

256

257

258

EXISTNG CONTROLLER

PROPOSED PULL BOX (PAID FOR ON SHEET T-9)

PROPOSED CONTROLLER (PAID FOR ON SHEET T-9)

0 10 20
Meters

PROPOSED CONDUIT (PAID FOR ON SHEET T-9)

EXISTING POLE STA 258+52.96, 13.60 RT

10.0 MI 2630-1-12

2620-1- 3.0 MI
2635-1-11 1 EA

52.0 MI 2630-1-12
100.0 MI 2632-8-132

PROPOSED PULL BOX (PAID FOR ON SHEET T-9)

3.0 MI 2620-1-
6.0 MI 2630-1-11
6.0 MI 2632-8-131
1 EA 2635-1-11
60.0 MI 2690-91

MATCH LINE STA. 255+00 SEE THIS SHEET

MATCH LINE STA. 258+60 SEE SHEET T-15

VOID

1/12/99

(QUALITY CONTROL/QUALITY ASSURANCE REVIEW)

DATE

C.C.C. CHECKED (Concept, Criteria & Compliance)

DATE

C.C. BASIC CHECKED (Green Check or Circle & Bumps Incorrect)

DATE

REVISION

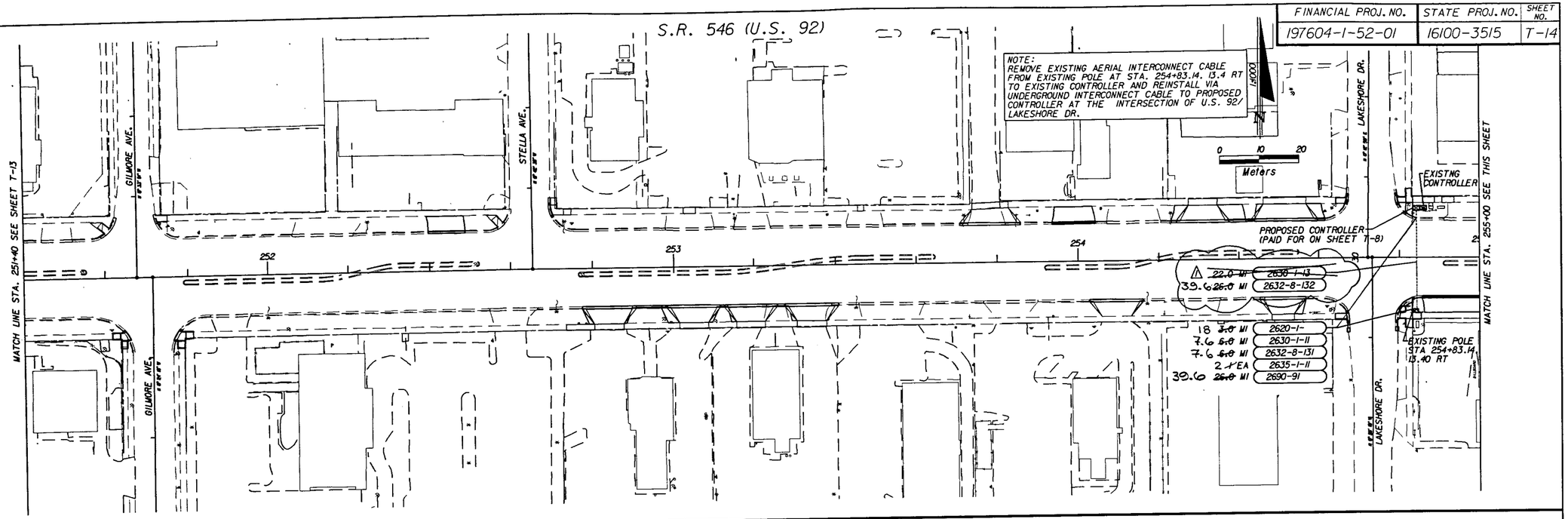
DATE | BY | DESCRIPTION

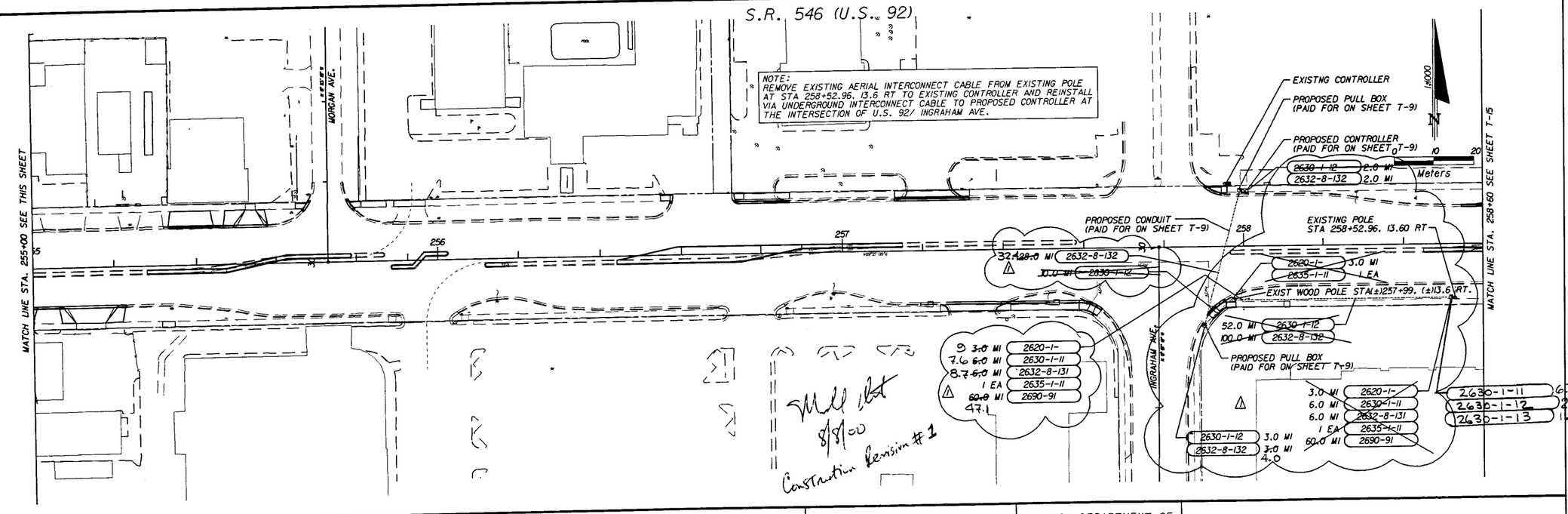
Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

INTERCONNECT PLAN

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-14





REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	MJO	⚠ REVISED INTERCONNECT						

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

INTERCONNECT PLAN

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-15

S.R. 546 (U.S. 92)

NOTE:
1. REMOVE EXISTING AERIAL INTERCONNECT CABLE FROM EXISTING POLE AT STA. 261+38.60. 14.9 RT TO EXISTING CONTROLLER AND REINSTALL VIA UNDERGROUND INTERCONNECT CABLE FROM EXISTING POLE AT STA. 261+38.60. 14.9 RT TO PROPOSED CONTROLLER AT THE INTERSECTION OF U.S. 92/ LAKE PARKER AVE.

2. REMOVE EXISTING AERIAL INTERCONNECT CABLE FROM EXISTING POLE AT STA. 261+79.52. 44.5 RT TO EXISTING CONTROLLER AND REINSTALL VIA UNDERGROUND INTERCONNECT CABLE FROM EXISTING POLE AT STA. 261+79.52. 44.5 RT TO PROPOSED CONTROLLER AT THE INTERSECTION OF U.S. 92/ LAKE PARKER AVE.

VOID

MATCH LINE STA. 258+60 SEE SHEET T-14

259 260 261 252

VOID VOID VOID VOID

1"=20'

0 10 20
Meters

LAKE PARKER AVE.

EXISTING POLE
STA 261+38.60, 14.90 RT

2630-1-13	30.5 MI
2632-8-132	30.5 MI

3.0 MI	2620-1-
7.6 MI	2630-1-11
7.6 MI	2632-8-131
1 EA	2635-1-11
30.0 MI	2690-91

PROPOSED CONTROLLER (PAID FOR ON SHEET T-9)

2630-1-13	30.5 MI
2632-8-132	30.5 MI

3.0 MI	2620-1-
7.6 MI	2630-1-11
7.6 MI	2632-8-131
1 EA	2635-1-11
26.0 MI	2690-91

EXISTING POLE
STA 261+79.52, 44.57 RT

LAKE PARKER AV

VOID

VOID

NOTE:
REMOVE EXISTING AERIAL INTERCONNECT CABLE FROM EXISTING POLE AT STA. 278+85.52. 53.4 RT TO EXISTING CONTROLLER AND REINSTALL VIA AERIAL INTERCONNECT CABLE FROM EXISTING POLE AT STA. 278+85.52. 53.4 RT TO EXISTING POWER POLE AT STA. 278+71.00. 20.0 RT. THEN UNDERGROUND TO PROPOSED CONTROLLER AT THE INTERSECTION OF U.S. 92/ E. GARY RD.

S.R. 546 (U.S. 92)

EXISTING CONTROLLER

EXISTING POWER POLE
STA 278+71.00, 20.00 RT

E. GARY RD.

279 29

2620-1-	3.0 MI
2630-1-11	6.0 MI
2632-8-131	6.0 MI
2632-8-132	2.0 MI
2635-1-11	1 EA
2690-91	72.0 MI

41.2 MI 2632-8-131

VOID

EXISTING POLE
STA 278+85.52, 53.40 RT

END INTERCONNECT
STA. 278+71.000

E. GARY RD.

1"=20'

0 10 20
Meters

VOID

VOID

1/12/99

EQUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

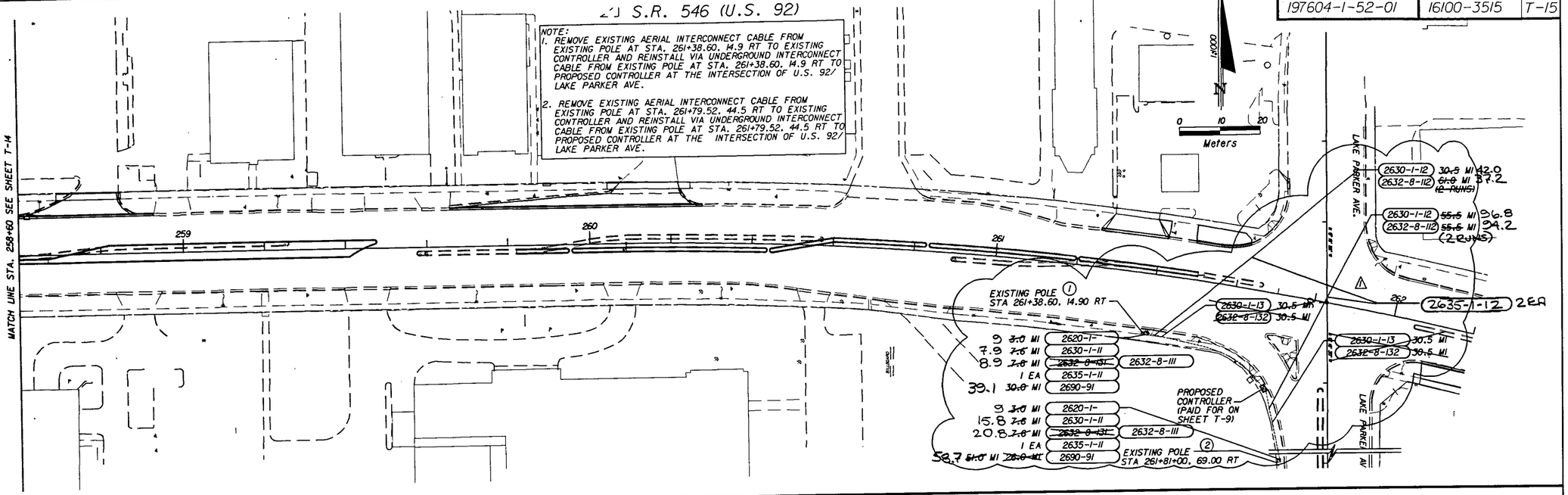
REVISION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

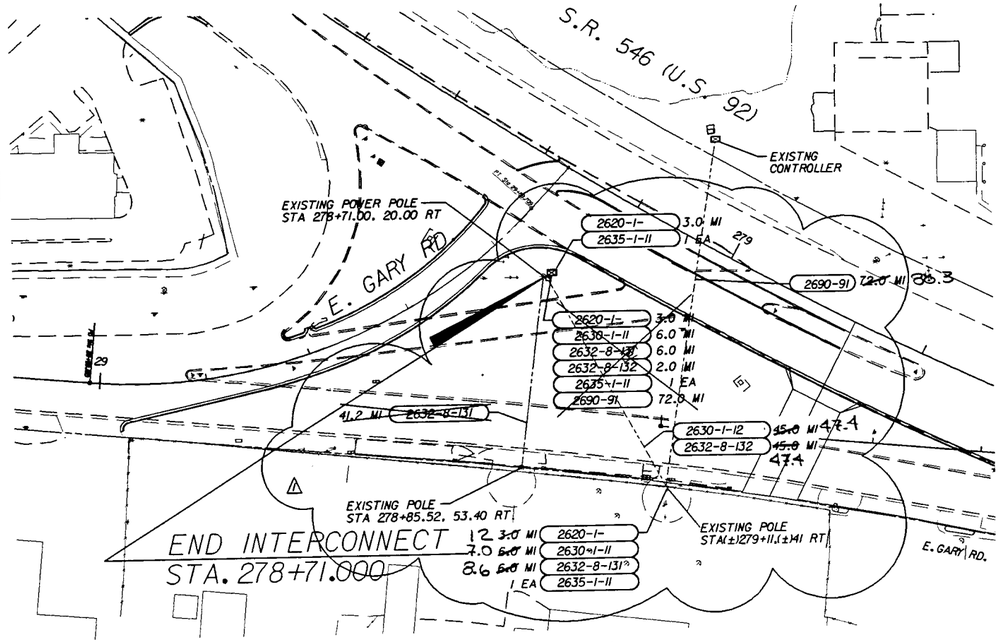
FLORIDA DEPARTMENT OF TRANSPORTATION

INTERCONNECT PLAN

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-15



NOTE:
REMOVE EXISTING AERIAL INTERCONNECT CABLE FROM EXISTING POLE AT STA. 278+85.52. 53.4 RT TO EXISTING CONTROLLER AND REINSTALL VIA AERIAL INTERCONNECT CABLE FROM EXISTING POLE AT STA. 278+85.52. 53.4 RT TO EXISTING POWER POLE AT STA. 278+71.00. 20.0 RT. THEN UNDERGROUND TO PROPOSED CONTROLLER AT THE INTERSECTION OF U.S. 92/ E. GARY RD.



Mud ckt
8/8/00
Construction Revision #1

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	MJO	⚠ REVISED INTERCONNECT						

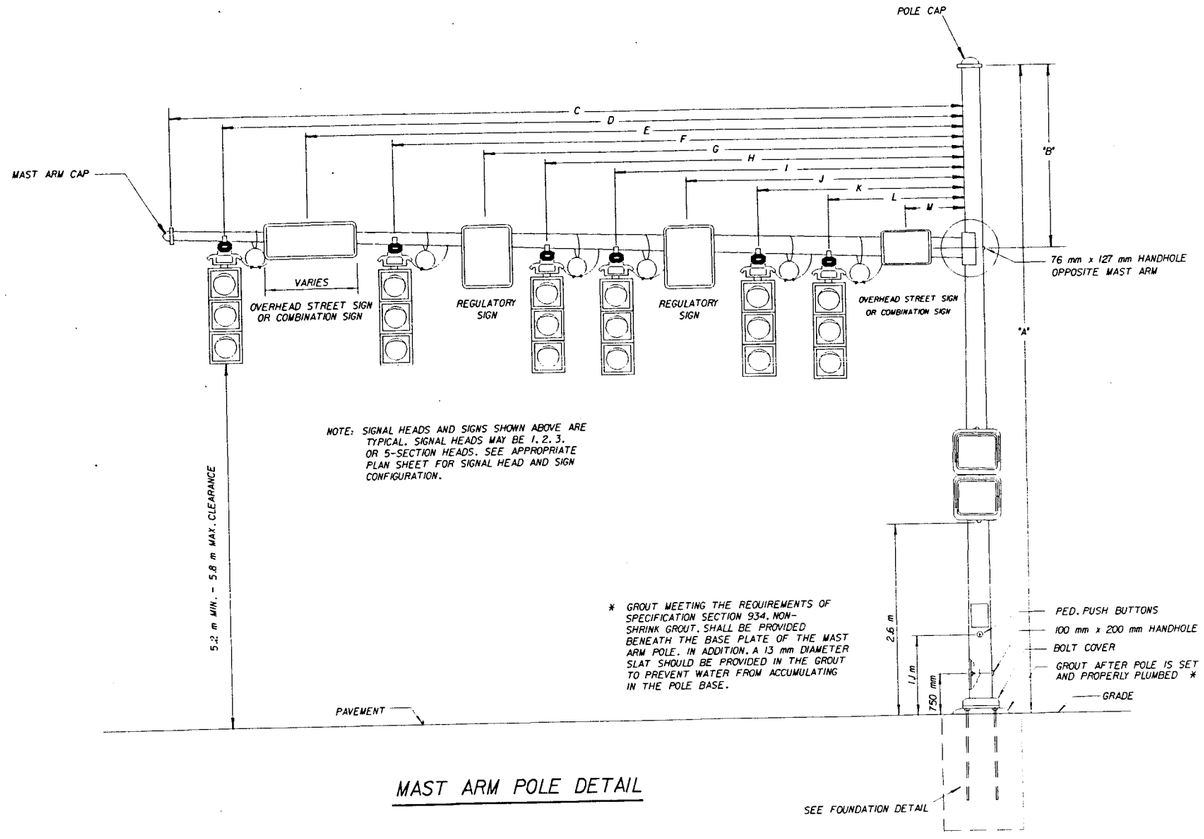
Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

INTERCONNECT PLAN

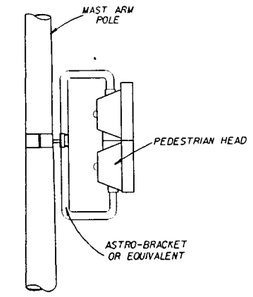
Mike Cross
S.E. 54th Ave/Hwy 200
Ocala, FL 34471
(352) 732-5555

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-16

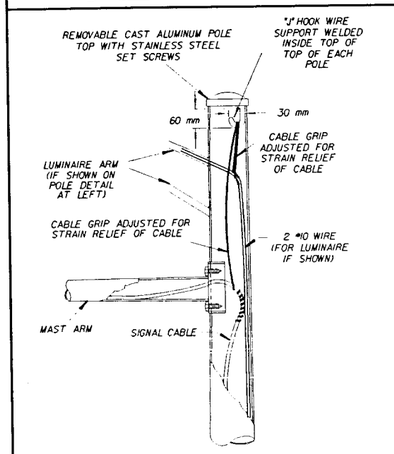


NOTE: SIGNAL HEADS AND SIGNS SHOWN ABOVE ARE TYPICAL. SIGNAL HEADS MAY BE 1, 2, 3, OR 5-SECTION HEADS. SEE APPROPRIATE PLAN SHEET FOR SIGNAL HEAD AND SIGN CONFIGURATION.

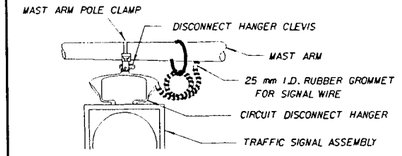
MAST ARM POLE DETAIL



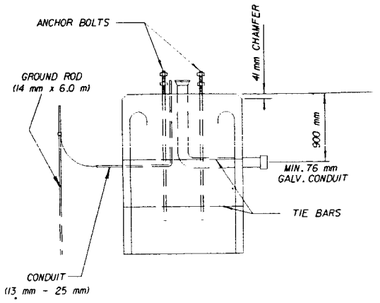
PEDESTRIAN HEAD BRACKET ATTACHMENT DETAIL



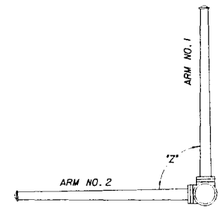
TYPICAL CABLE STRAIN RELIEF DETAIL



TYPICAL CABLE STRAIN RELIEF DETAIL



FOUNDATION DETAIL



DOUBLE MAST ARM DETAIL

SPECIAL REQUIREMENTS:

A. NO FIELD WELDING ON ANY PART OF THE SHAFT SHALL BE PERMITTED.

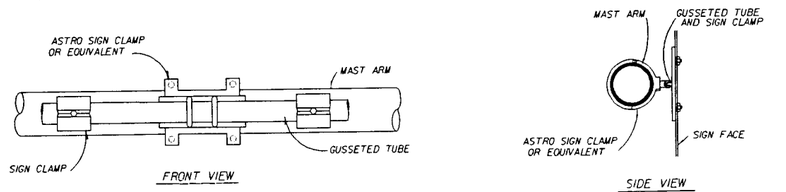
B. THE HOLES NECESSARY FOR SIGNAL CABLE ASSOCIATED WITH EACH SIGNAL HEAD SHALL BE FIELD DRILLED AND FIELD GALVANIZED.

C. EACH POLE AND MAST ARM SHALL BE IDENTIFIED WITH A PERMANENT 25mm HIGH ENGRAVED OR IMPRESSED MARK WHICH BEARS THE IDENTIFICATION SHOWN ON THE PLANS.

D. ANCHOR BOLT COVERS SHALL BE GALVANIZED STEEL OR CAST ALUMINUM AND SECURED BY A MINIMUM OF TWO THREADED FASTENERS. THE BOLT COVERS SHALL BE OF SUFFICIENT SIZE SO THAT THERE IS NO GAP BETWEEN ITSELF AND THE POLE SHAFT.

FINISHING REQUIREMENTS:

A. ALL STEEL ASSEMBLIES AND COMPONENT PARTS SHALL BE HOT DIP GALVANIZED WITH A BLACK FINISH TO THE APPROPRIATE GOVERNING SPECIFICATION OF ASTM SECTIONS A123 OR A153.



SIGN BRACKET ATTACHMENT DETAIL

1/12/99

REVISION DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

MAST ARM DETAIL & SCHEDULE

SHEET 1 OF 2

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
PERFORMED BY: (Check One)
D.S.: CHECKED (Correct Yellow Changed Red) DATE
D.S.: BACK CHECKED (Green) Check of Circle & Signs Incorrect DATE

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-17

POLE AND MAST ARM SCHEDULE

LOCATION NO.	POLE NO.	POLE DATA			ARM DATA											LUMINAIRE ARM LENGTH	Z ANGLE BETWEEN ARMS	QUANTITY	ITEM NO.
		A POLE HEIGHT	ARM NO.	B TOP OF POLE TO ARM	C ARM LENGTH	D SIGNAL	E ST. SIGN	F SIGNAL	G REG. SIGN	H SIGNAL	I SIGNAL	J REG. SIGN	K SIGNAL	L SIGNAL	M FUTURE ST. SIGN				
T-5	1		A		16.0	11.9	10.2	8.3									90°	1	2647-13-28
			B		12.0	11.6	7.2	9.1											
T-5	2		A		15.0	13.9	9.1	11.0									270°	1	2647-13-28
			B		13.0	8.5	6.2	4.3											
T-6	1				22.0	20.2	17.2	14.1									0°	1	2647-11-22
T-6	2				18.0	16.8	14.1	11.4									0°	1	2647-11-18
T-6	3				19.0	15.6	13.4	11.3									0°	1	2647-11-19
T-6	4				22.0	18.0	11.5	14.2									0°	1	2647-11-22
T-7	1		A		19.0	18.2	15.4	12.7									90°	1	2647-13-36
			B		17.0	16.3	14.7	12.9											
T-7	2				13.0	11.9	9.5	7.3									0°	1	2647-11-13
T-7	3				16.0	15.2	12.6	10.1									0°	1	2647-11-16
T-8	1		A		15.0	14.4	12.8	11.0									270°	1	2647-13-30
			B		15.0	11.3	9.8	8.1											
T-8	2		A		19.0	17.9	13.9	15.6	16.5	12.4		11.1					270°	1	2647-13-31
			B		12.0	8.0	6.2	4.4											
T-9	1				13.0	11.8	9.5	7.3									0°	1	2647-11-13
T-9	2		A		21.0	20.4	18.7	16.9									270°	1	2647-13-39
			B		18.0	16.6	14.4	12.4											
T-9	3				15.0	14.4	12.5	10.5									0°	1	2647-11-15
T-10	1				19.0	14.9	13.2	11.5									0°	1	2647-11-19
T-10	2				18.0	17.0	8.8	13.1		10.6	7.2						0°	1	2647-11-18
T-10	3				13.0	8.7	7.0	5.1									0°	1	2647-11-13
T-10	4				18.0	17.4	13.3	15.0		11.6							0°	1	2647-11-18
T-11	1		A		22.0	20.8	15.5	17.3		13.8	10.2						90°	1	2647-13-28
			B		6.0	5.1	3.7	2.1											
T-11	2				10.0	9.1	7.2	5.4									0°	1	2647-11-10

UNLESS OTHERWISE NOTED, MEASUREMENTS ARE IN METERS.

WHEN DESIGNING MAST ARM LOADS, CONTRACTOR SHALL INCLUDE THE FOLLOWING:

1. A FUTURE 3-SECTION, 1-WAY SIGNAL HEAD MOUNTED 150 mm FROM END OF EACH ARM.
2. FUTURE 300 mm TUNNEL VISORS FOR EACH PROPOSED AND FUTURE SIGNAL HEAD.

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DESIGN ENGINEER
DATE
CHECKED (Correct Yellow Highlighter)
DATE
QA/QC CHECKED (Green Check or Circle & Report Incorrect)
DATE

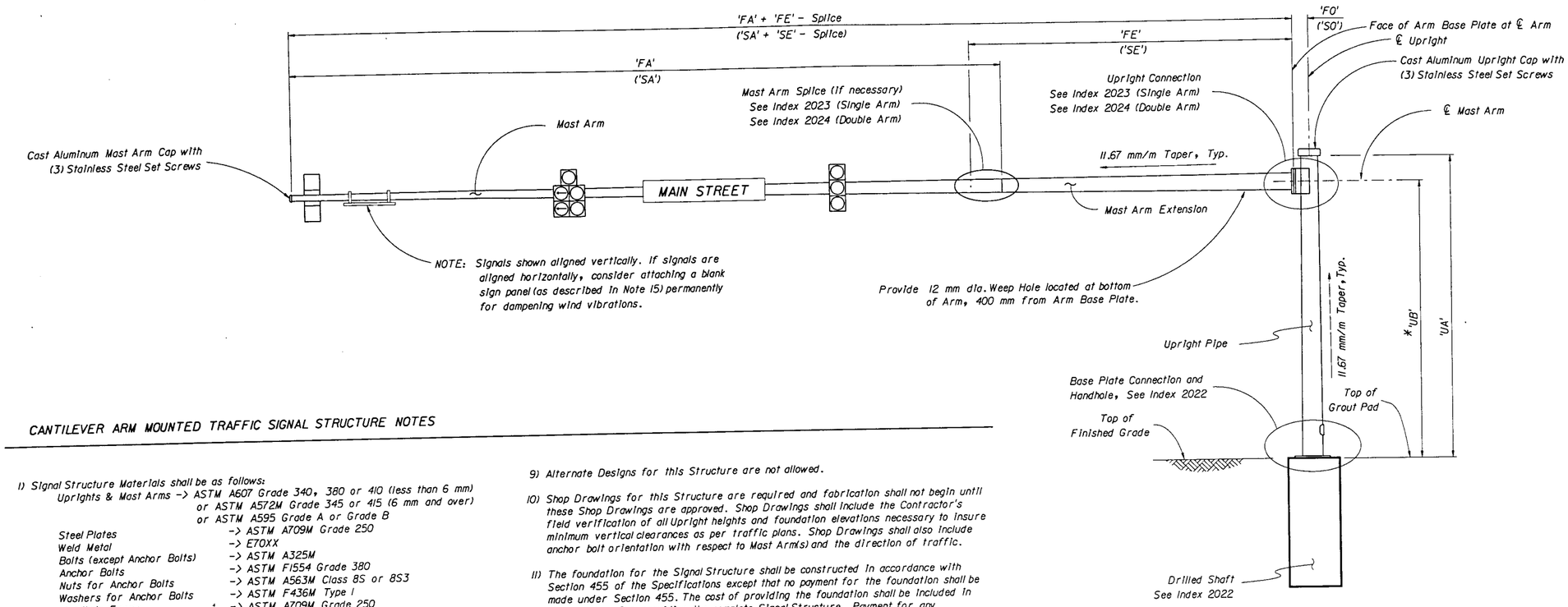
REVISION											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

MAST ARM DETAIL & SCHEDULE
SHEET 2 OF 2

FINANCIAL PROJECT NO.	FED. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.
197604-1-52-01	3	FLA	16100-3515	00	T-18



ELEVATION VIEW

(Single Arm Shown, Double Arm Similar)
(Luminaire Arm Not Shown)

*NOTE: Contractor shall verify these Dimensions Prior to Fabrication of Upright.

CANTILEVER ARM MOUNTED TRAFFIC SIGNAL STRUCTURE NOTES

1) Signal Structure Materials shall be as follows:

Uprights & Mast Arms	-> ASTM A607 Grade 340, 380 or 410 (less than 6 mm) or ASTM A572M Grade 345 or 415 (6 mm and over) or ASTM A595 Grade A or Grade B
Steel Plates	-> ASTM A709M Grade 250
Weld Metal	-> E70XX
Bolts (except Anchor Bolts)	-> ASTM A325M
Anchor Bolts	-> ASTM F1554 Grade 380
Nuts for Anchor Bolts	-> ASTM A563M Class 8S or 8S3
Washers for Anchor Bolts	-> ASTM F436M Type 1
Handhole Frame	-> ASTM A709M Grade 250
Handhole Cover	-> ASTM A607 Grade 410
Aluminum Caps and Covers	-> ASTM B26 (356-T6)
Stainless Steel Screws	-> AISI Type 316

2) Reinforcing Steel shall be ASTM A615M-96, Grade 420.

3) Concrete shall be Class IV (Drilled Shaft) with a minimum 28-day compressive strength of 28 MPa for all environmental classifications.

4) Grout shall have a minimum 28-day compressive strength of 35 MPa and shall meet the requirements of Special Provision Section 934.

5) All welding shall conform to American Welding Society Structural Welding Code (Steel) ANSI/AWS D1.1 (current edition)

6) All Steel Items shall be galvanized as follows:

All Nuts, Bolts and Washers	-> ASTM A153 Class C or D depending on size
All other steel items	-> ASTM A123

7) The Structure must be assembled after galvanizing and prior to shipment to the site to assure fit up. It may be disassembled for shipping.

8) The Design Wind Speed is in conformance with the "Structures Design Guidelines" (current edition) with a 30 percent gust factor.

9) Alternate Designs for this Structure are not allowed.

10) Shop Drawings for this Structure are required and fabrication shall not begin until these Shop Drawings are approved. Shop Drawings shall include the Contractor's field verification of all Upright heights and foundation elevations necessary to insure minimum vertical clearances as per traffic plans. Shop Drawings shall also include anchor bolt orientation with respect to Mast Arm(s) and the direction of traffic.

11) The foundation for the Signal Structure shall be constructed in accordance with Section 455 of the Specifications except that no payment for the foundation shall be made under Section 455. The cost of providing the foundation shall be included in the pay item for providing the complete Signal Structure. Payment for any incidental items incurred in furnishing and installing this Signal Structure shall be included in the pay item for providing the complete Signal Structure.

12) Except for Anchor Bolts, all bolt hole diameters shall be equal to the bolt diameter plus 2 mm, prior to galvanizing. Hole diameters for Anchor Bolts shall not exceed the bolt diameter plus 13 mm.

13) Sign Panels and Signals attached to the Mast Arm shall be centered in elevation on the arm. Sign Panels shall be aluminum. Wire access holes shall not exceed 12 mm in diameter.

14) The Upright pipe shall be installed vertically. Camber shall be accounted for in the Mast Arm connection as detailed.

15) If the Traffic Signals or Sign Panels are not in place within two working days after the Mast Arm is erected, a 1.0 m by 0.6 m (min.) blank Sign Panel shall be attached to the bottom of the Mast Arm within two meters of the Mast Arm tip. This blank Sign Panel shall remain in place until the permanent Signals and Signs are mounted.

16) The Upright tube shall not be erected until the foundation concrete has been allowed to cure for a minimum of seven days.

17) Mast Arms and Upright pipes shall be tapered with the diameter changing at a rate of 11.67 mm per meter.

NOTE: Work this Drawing with Index Nos. 2022, 2023, 2024 (Optional), 2025 (Optional), and S-2026.

NOTE: See Index S-2026 for referenced dimensions, sizes, and quantities.

NOTE: Details for the 'J' Hook, Ground Rod, Signal and Sign Locations, Signal Head Attachment, Sign Attachment, Pedestrian Head Attachment, and Foundation Conduit can be found elsewhere.

u:\p rd152cad\MZCAD\D0\16100-21.dgn
21-DEC-1998

REVISIONS						
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	
			97R			

	NAMES	DATES
DRAWN BY	AVP	10-94
CHECKED BY	MHA	10-94
DESIGNED BY	AVP	10-94
CHECKED BY	MHA	10-94
APPROVED BY	REN	

ENGINEER OF RECORD:
STRUCTURES DESIGN OFFICE
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605 Suwannee Street, MS 33
Tallahassee, Florida 32399-0450

LOGO:

SEAL:

FLORIDA DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN OFFICE

ROAD NO.	COUNTY	PROJECT NO.
546	POLK	16100-3515

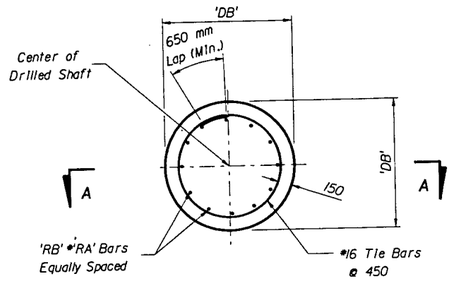
SHEET TITLE: CANTILEVER SIGNAL STRUCTURE ELEVATION AND NOTES

DRAWING NO.: 1 of 1

PROJECT NAME: SR 546 (US92) MEMORIAL BLVD.

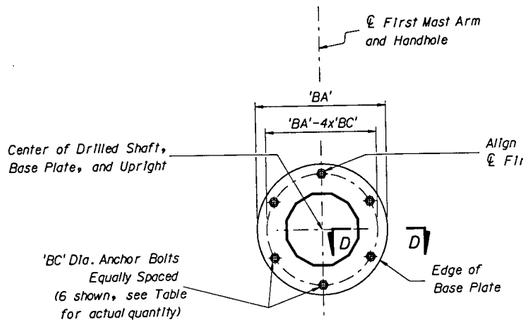
INDEX NO.: 2021

FINANCIAL PROJECT NO.	FED. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.
197604-1-52-01	3	FLA	16100-3515	00	T. 19



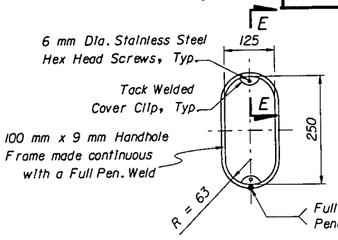
FOUNDATION PLAN

Note: 150 mm min. cover on Shaft Reinforcement

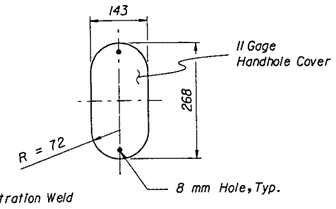


SECTION C-C

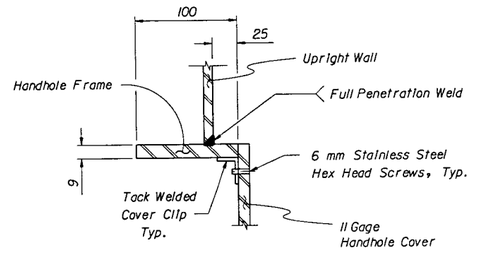
Note: Concrete and Reinforcement not shown.



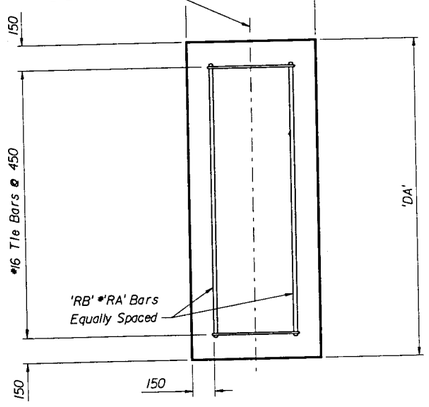
Handhole Frame



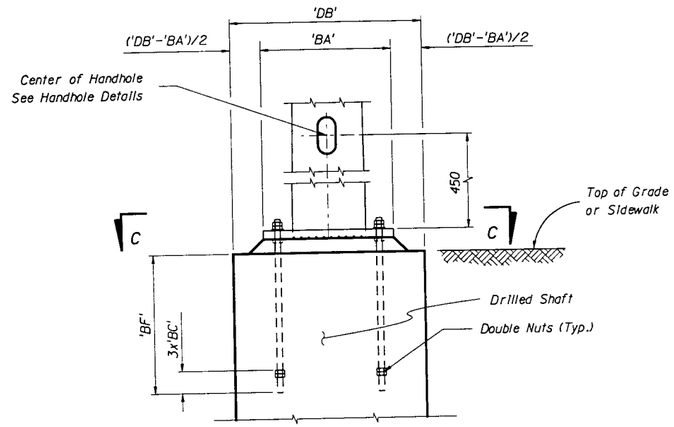
Handhole Cover



Section E-E (thru Handhole)

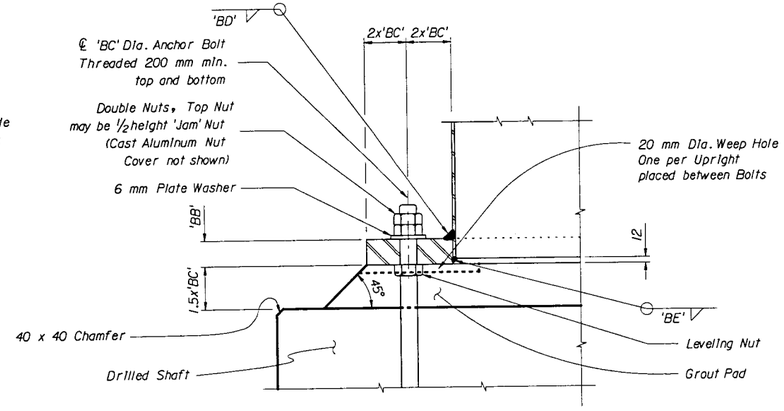


SECTION A-A



BASE PLATE AND ANCHORAGE ELEVATION

Note: Reinforcement not shown



Section D-D

NOTE: All dimensions are in millimeters (mm), except as noted.

NOTE: Work this Drawing with Index Nos. 2021, 2023, 2024 (Optional), 2025 (Optional), and S-2026.

NOTE: See Index No. S-2026 for referenced dimensions, sizes, and quantities.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
			97R		

	NAMES	DATES
DRAWN BY	AVP	10-94
CHECKED BY	MHA	10-94
DESIGNED BY	AVP	10-94
CHECKED BY	MHA	10-94
APPROVED BY	REN	

ENGINEER OF RECORD:
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605 Suwannee Street, MS 33
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LOGO:

SEAL:

FLORIDA DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN OFFICE

ROAD NO.	COUNTY	PROJECT NO.
546	POLK	16100-3515

SHEET TITLE: CANTILEVER SIGNAL STRUCTURE FOUNDATION AND BASE PLATE DETAILS

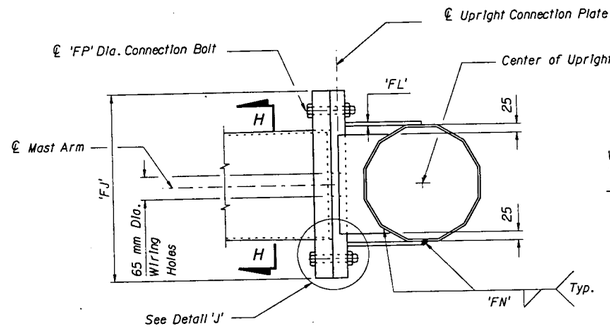
DRAWING NO.: 1 of 1

PROJECT NAME: SR 546 (US92) MEMORIAL BLVD.

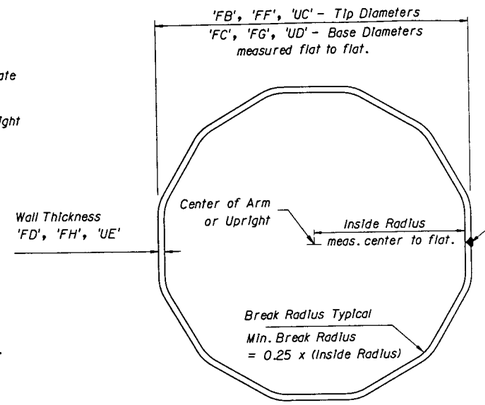
INDEX NO.: 2022

dgn rdl52:sp0mzeadd\16100-22.dgn
21 DEC 1998

FINANCIAL PROJECT NO.	FED. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.
197604-1-52-01	3	FLA	16100-3515	00	T-20



SECTION F-F

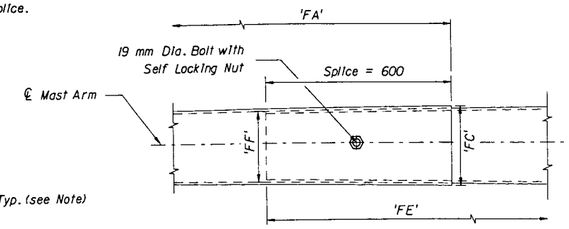


SECTION H-H

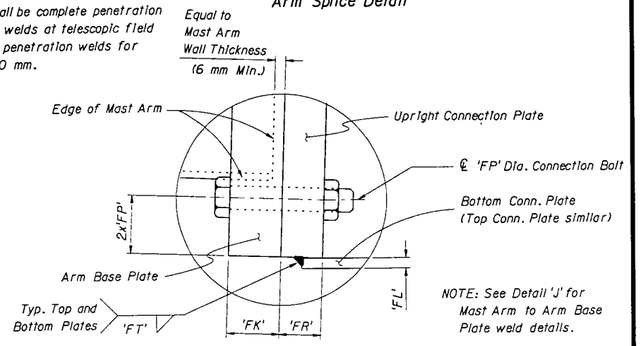
0.6 x Wall Thickness Typ. (see Note)

NOTE: Longitudinal seam welds within 150 mm of circumferential welds shall be complete penetration welds. Longitudinal seam welds at telescopic field splices shall be complete penetration welds for the splice length plus 150 mm.

The 'Slip Joint' splice shall be a tight fit with no change in the Mast Arm slope due to the splice.

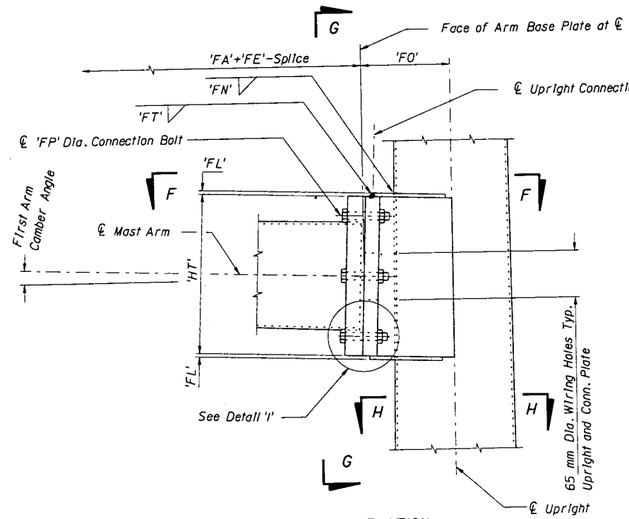


Arm Splice Detail

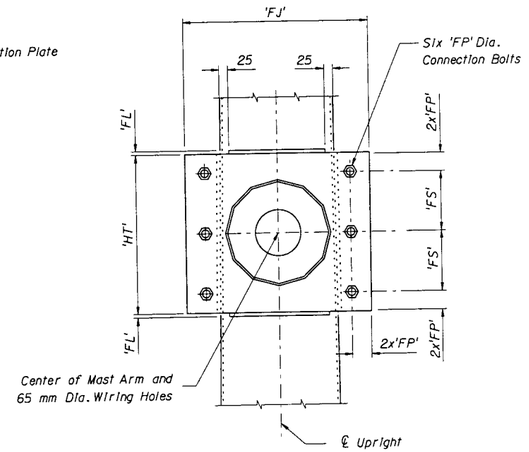


NOTE: See Detail 'J' for Mast Arm to Arm Base Plate weld details.

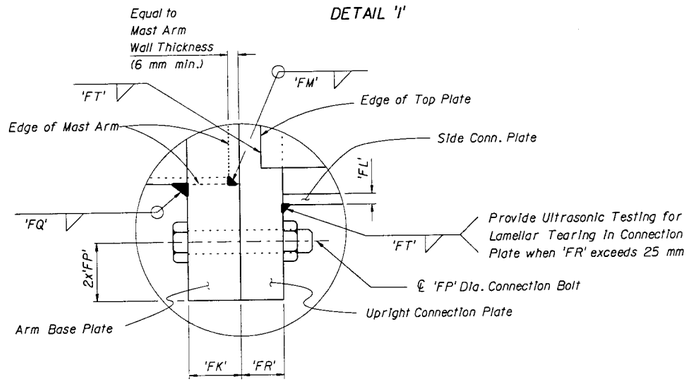
DETAIL 'I'



ELEVATION
(Single Arm Connection)



SECTION G-G



DETAIL 'J'

NOTE: Details shown on this sheet are for 12 sided sections. Sections with more than 12 sides and round sections are permitted, provided outside diameter and wall thickness are not reduced.

NOTE: Work this Drawing with Index Nos. 2021, 2022, 2024 (Optional), 2025 (Optional), and S-2026.

NOTE: See Index No. S-2026 for referenced dimensions, sizes, and quantities.

NOTE: All dimensions are in millimeters (mm), except as noted.

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21 DEC 1998

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
			97R		

	NAME	DATES
DRAWN BY	AVP	10-94
CHECKED BY	MHA	10-94
DESIGNED BY	AVP	10-94
CHECKED BY	MHA	10-94
APPROVED BY	REN	

ENGINEER OF RECORD:
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605 Suwannee Street, MS 33
Tallahassee, Florida 32399-0450

LOGO:

SEAL:

FLORIDA DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN OFFICE

ROAD NO.	COUNTY	PROJECT NO.
546	POLK	16100-3515

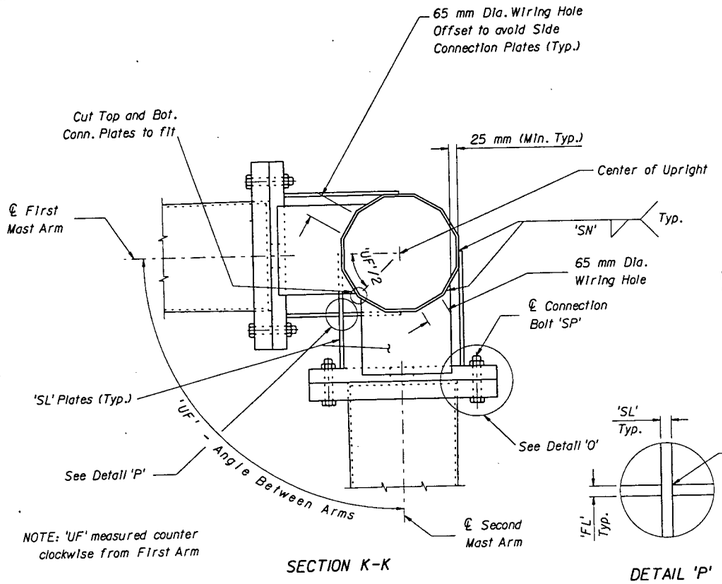
SHEET TITLE: CANTILEVER SIGNAL STRUCTURE SINGLE ARM CONNECTION DETAILS

DRAWING NO.: 1 of 1

PROJECT NAME: SR546 (US92) MEMORIAL BLVD.

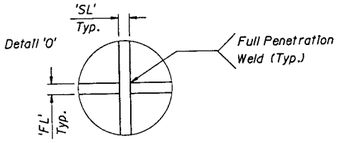
INDEX NO.: 2023

FINANCIAL PROJECT NO.	FED. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.
197604-1-52-01	3	FLA	16100-3515	00	T-21

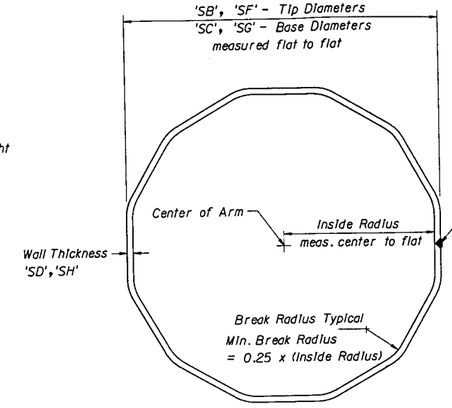


NOTE: 'UF' measured counter clockwise from First Arm

SECTION K-K



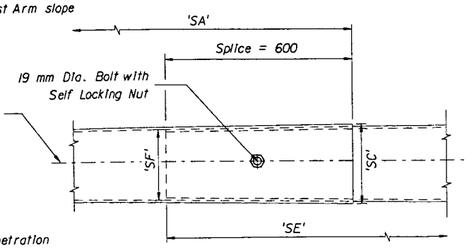
DETAIL 'P'



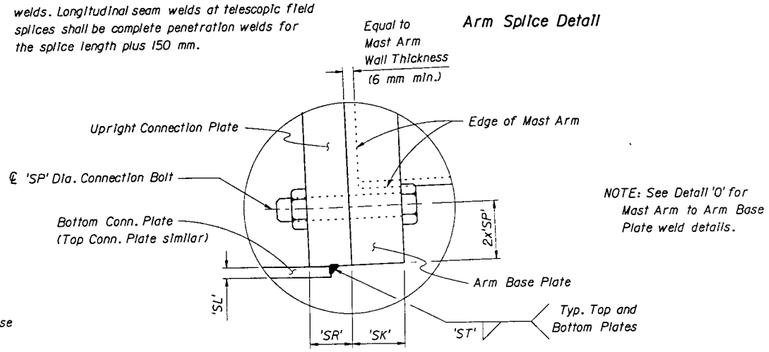
NOTE: Longitudinal seam welds within 150 mm of circumferential welds shall be complete penetration welds. Longitudinal seam welds at telescopic field splices shall be complete penetration welds for the splice length plus 150 mm.

SECTION M-M

The 'Slip Joint' splice shall be a tight fit with no change in the Mast Arm slope due to the splice.

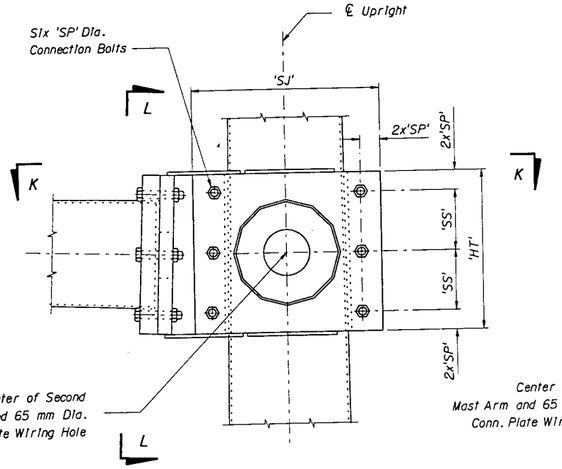


Arm Splice Detail

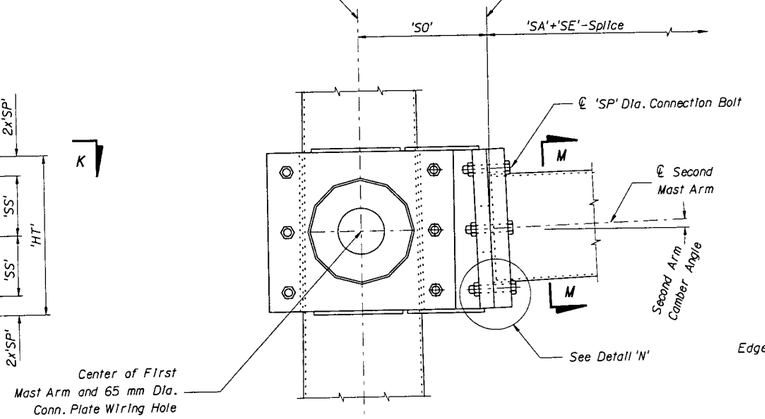


NOTE: See Detail 'O' for Mast Arm to Arm Base Plate weld details.

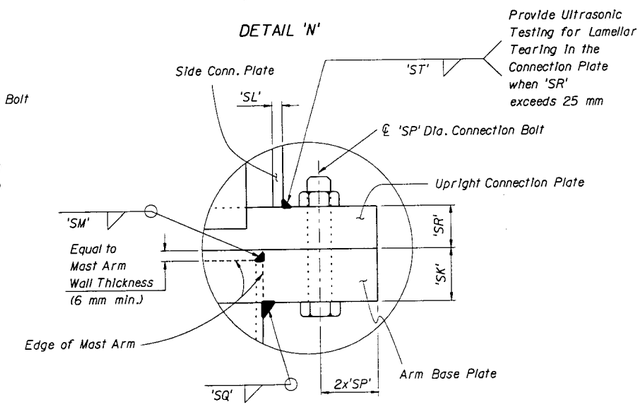
DETAIL 'N'



ELEVATION
(Double Arm Connection)



SECTION L-L



DETAIL 'O'

NOTE: All dimensions are in millimeters (mm), except as noted.

NOTE: Details shown on this sheet are for 12 sided sections. Sections with more than 12 sides and round sections are permitted, provided outside diameter and wall thickness are not reduced.

NOTE: Work this Drawing with Index Nos. 2021, 2022, 2023, 2025 (Optional), and 2026.

NOTE: See Index No. S-2026 for referenced dimensions, sizes, and quantities.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
			97R		

	NAMES	DATES
DRAWN BY	AVP	10-94
CHECKED BY	MHA	10-94
DESIGNED BY	AVP	10-94
CHECKED BY	MHA	10-94
APPROVED BY	REN	

ENGINEER OF RECORD:
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605 Suwannee Street, MS 33
Tallahassee, Florida 32399-0450

LOGO:

SEAL:

FLORIDA DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN OFFICE

ROAD NO.	COUNTY	PROJECT NO.
546	POLK	16100-3515

SHEET TITLE: CANTILEVER SIGNAL STRUCTURE DOUBLE ARM CONNECTION DETAILS

DRAWING NO.: 1 of 1

PROJECT NAME: SR546 (US92) MEMORIAL BLVD.

INDEX NO.: 2024

PLOT: DEC. 1998

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FINANCIAL PROJECT NO.	FED. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.
197604-1-52-01	3	FLA.	16100-3515		T-22

TABLE OF SIGNAL STRUCTURE VARIABLES

NUMBER OF LOCATIONS	STRUCTURE NUMBER	FIRST ARM "A"				FIRST ARM EXTENSION				SECOND ARM "B"				SECOND ARM EXTENSION				UPRIGHT						
		FA(m)	FB(mm)	FC(mm)	FD(mm)	FE(m)	FF(mm)	FG(mm)	FH(mm)	SA(m)	SB(mm)	SC(mm)	SD(mm)	SE(m)	SF(mm)	SG(mm)	SH(mm)	UA(m)	UB(m)	UC(mm)	UD(mm)	UE(mm)	UF(deg)	UG(m)
T-1	1-1	11	201	330	4.56	5.6	314	380	6.07	11	189	318	4.56	1.6	302	321	6.07	7.0	6.5	440	521	6.35	90°	0
T-1	1-2	11	201	330	4.56	4.6	314	368	6.07	11	201	330	4.56	2.6	314	345	6.07	7.0	6.5	377	458	6.35	270°	0
T-2	2-1	11	248	377	4.56	11.6	361	497	6.07									7.25	6.75	501	586	7.94	0°	0
T-2	2-2	11	201	330	4.56	7.6	314	403	6.35									7.25	6.75	436	521	6.35	0°	0
T-2	2-3	11	201	330	4.56	8.6	314	415	6.07									7.25	6.75	436	521	6.35	0°	0
T-2	2-4	11	201	330	4.56	11.6	314	450	6.35									7.25	6.75	461	546	6.35	0°	0

TABLE OF SIGNAL STRUCTURE VARIABLES (CONT.)

STRUCTURE NUMBER	FIRST ARM CONNECTION (mm) First Arm Camber Angle = 2 Degrees												SECOND ARM CONNECTION (mm) Second Arm Camber Angle = 2 Degrees											
	# Bolts	HT	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	#Bolts	HT	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST
1-1	6	600	675	54	13	5	7	373	24	8	35	250	8	6	600	675	54	13	5	5	373	24	7	35	250	8
1-2	6	500	625	54	13	5	8	366	24	7	40	200	8	6	500	625	54	13	5	7	366	24	7	40	200	8
2-1	6	700	775	54	13	5	10	353	30	9	40	275	10													
2-2	6	600	725	54	13	5	9	321	30	10	45	225	9													
2-3	6	600	725	54	13	5	9	321	30	9	45	225	9													
2-4	6	660	750	54	13	5	10	333	30	9	45	250	10													

TABLE OF SIGNAL STRUCTURE VARIABLES (CONT.)

STRUCTURE NUMBER	UPRIGHT BASE CONNECTION (mm)							SHAFT AND REINF.				LUMINAIRE AND LUMINAIRE CONNECTION									
	# Bolts	BA	BB	BC	BD	BE	BF	DA(m)	DB(m)	RA	RB	LA(m)	LB(m)	LC(mm)	LD(mm)	LE	LF(m)	LG(mm)	LH(mm)	LJ(mm)	LK(mm)
1-1	6	809	45	36	7	5	720	5.0	1.22	29	19										
1-2	6	746	45	36	7	5	740	5.0	1.22	29	19										
2-1	8	906	50	40	8	6	790	7.0	1.22	29	19										
2-2	6	841	50	40	7	5	790	5.5	1.22	29	19										
2-3	6	841	55	40	7	5	790	5.5	1.22	29	19										
2-4	6	866	55	40	7	5	830	6.0	1.22	29	19										

FOUNDATION NOTES:

1) Design based on Report of Core Borings Sheet Signed & Sealed 2/19/97

2) Assumptions and Values used in design:
- Cohesionless (Fine Sand)
- Submerged Unit Weight.
- Soil Friction Angle = 30 Degrees (Location1)
- Soil Friction Angle = 29 Degrees (Location 2)
- Soil Weight = 7.5 kN/m^3 (Location 1)
- Soil Weight = 6.7 kN/m^3 (Location 2)

NOTE: Work this Drawing With Index Nos. 2021, 2022, 2023, 2024.

NOTE: Design Wind Speed = 145 km/h

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
			97R		

	NAMES	DATES
DRAWN BY	MZ	8/25/98
CHECKED BY	JP	8/25/98
DESIGNED BY	SM	8/21/98
CHECKED BY	JP	8/21/98
APPROVED BY	G. MOLIERE	

ENGINEER OF RECORD:
STRUCTURES DESIGN OFFICE
DISTRICT 1
801 N. Broadway
Bartow, Florida 33830-1249

LOGO:

SEAL:

FLORIDA DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN OFFICE

ROAD NO.	COUNTY	PROJECT NO.
546	Polk	16100-3515

SHEET TITLE: TABLE OF SIGNAL STRUCTURE VARIABLES

DRAWING NO.: 1 of 4

PROJECT NAME: S.R. 546 (US 92) (MEMORIAL BLVD AT LINCOLN AVE & AT M.L.K. AVE.

INDEX NO.: S-2026

FINANCIAL PROJECT NO.	FED. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.
197604-1-52-01	3	FLA.	16100-3515		T-23

TABLE OF SIGNAL STRUCTURE VARIABLES

NUMBER OF LOCATIONS	STRUCTURE NUMBER	FIRST ARM "A"				FIRST ARM EXTENSION				SECOND ARM "B"				SECOND ARM EXTENSION				UPRIGHT						
		FA(m)	FB(mm)	FC(mm)	FD(mm)	FE(m)	FF(mm)	FG(mm)	FH(mm)	SA(m)	SB(mm)	SC(mm)	SD(mm)	SE(m)	SF(mm)	SG(mm)	SH(mm)	UA(m)	UB(m)	UC(mm)	UD(mm)	UE(mm)	UF(deg)	UG(m)
T-3	3-1	11	201	330	4.56	8.6	314	415	6.35	11	201	330	4.56	6.6	314	391	6.35	7.0	6.5	505	586	7.94	90°	0
T-3	3-2	11	201	330	4.56	2.6	314	345	6.07									7.5	7.0	370	458	6.35	0°	0
T-3	3-3	11	201	330	4.56	5.6	314	380	6.07									7.0	6.5	376	458	6.35	0°	0

TABLE OF SIGNAL STRUCTURE VARIABLES (CONT.)

STRUCTURE NUMBER	FIRST ARM CONNECTION (mm) First Arm Camber Angle = 2 Degrees													SECOND ARM CONNECTION (mm) Second Arm Camber Angle = 2 Degrees												
	# Bolts	HT	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	#Bolts	HT	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST
3-1	6	762	800	54	13	5	7	430	30	10	40	300	8	6	762	750	54	13	5	6	430	24	10	35	325	8
3-2	6	600	600	54	13	5	6	288	24	8	35	250	8													
3-3	6	600	600	54	13	5	8	291	24	8	35	250	8													

TABLE OF SIGNAL STRUCTURE VARIABLES (CONT.)

STRUCTURE NUMBER	UPRIGHT BASE CONNECTION (mm)							SHAFT AND REINF.				LUMINAIRE AND LUMINAIRE CONNECTION									
	# Bolts	BA	BB	BC	BD	BE	BF	DA(m)	DB(m)	RA	RB	LA(m)	LB(m)	LC(mm)	LD(mm)	LE	LF(m)	LG(mm)	LH(mm)	LJ(mm)	LK(mm)
3-1	6	906	50	40	8	6	750	6.5	1.22	29	19										
3-2	6	746	50	36	7	5	780	4.0	1.22	29	19										
3-3	6	746	50	36	7	5	780	4.5	1.22	29	19										

FOUNDATION NOTES:

1) Design based on Report of Core Borings Sheet Signed & Sealed 2/19/97
2) Assumptions and Values used in design:
   - Cohesionless (Fine Sand)
   - Submerged Unit Weight.
   - Soil Friction Angle = 30 Degrees
   - Soil Weight = 7.5 kN/m^3

NOTE: Work this Drawing With Index Nos. 2021, 2022, 2023, 2024.

NOTE: Design Wind Speed = 145 km/h

REVISIONS

DATE	BY	DESCRIPTION
97R		

	NAMES	DATES
DRAWN BY	MZ	8/25/98
CHECKED BY	JP	8/25/98
DESIGNED BY	JP	8/21/98
CHECKED BY	MZ	8/21/98
APPROVED BY	G. MOLIERE	

ENGINEER OF RECORD:
STRUCTURES DESIGN OFFICE
DISTRICT 1
801 N. Broadway
Bartow, Florida 33830-1249

LOGO:

SEAL

FLORIDA DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN OFFICE

ROAD NO.	COUNTY	PROJECT NO.
546	Polk	16100-3515

SHEET TITLE: TABLE OF SIGNAL STRUCTURE VARIABLES

PROJECT NAME: S.R. 546 (US 92) MEMORIAL BLVD AT MASSACHUSETTS & LAKELAND HILLS.

DRAWING NO. 2 of 4

INDEX NO. S-2026

FINANCIAL PROJECT ID	FED. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.
197604-1-52-01	3	FLA.	16100-3515		T-24

TABLE OF SIGNAL STRUCTURE VARIABLES

NUMBER OF LOCATIONS	STRUCTURE NUMBER	FIRST ARM "A"				FIRST ARM EXTENSION				SECOND ARM "B"				SECOND ARM EXTENSION				UPRIGHT						
		FA(m)	FB(mm)	FC(mm)	FD(mm)	FE(m)	FF(mm)	FG(mm)	FH(mm)	SA(m)	SB(mm)	SC(mm)	SD(mm)	SE(m)	SF(mm)	SG(mm)	SH(mm)	UA(m)	UB(m)	UC(mm)	UD(mm)	UE(mm)	UF(deg)	UG(m)
T-4	4-1	11	201	330	4.56	4.6	314	368	6.07	11	201	330	4.56	4.6	314	368	6.07	7.25	6.75	437	521	6.35	270°	0
T-4	4-2	11	189	318	4.56	7.6	302	391	6.35	12	189	330	4.56					7.25	6.75	437	521	6.35	270°	0
T-5	5-1	11	201	330	4.56	2.6	314	345	6.07									7.0	6.5	376	458	6.35	0°	0
T-5	5-2	11	248	377	4.56	10.6	361	485	6.07	11	201	330	4.56	7.6	314	403	6.35	7.25	6.75	502	586	7.94	270°	0
T-5	5-3	11	248	377	4.56	4.6	361	415	6.07									7.0	6.5	439	521	6.35	0°	0

TABLE OF SIGNAL STRUCTURE VARIABLES (CONT.)

STRUCTURE NUMBER	FIRST ARM CONNECTION (mm) First Arm Camber Angle = 2 Degrees													SECOND ARM CONNECTION (mm) Second Arm Camber Angle = 2 Degrees											
	# Bolts	HT	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	#Bolts	HT	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST
4-1	6	600	675	54	13	5	7	381	24	9	35	250	8	6	600	675	54	13	5	6	381	24	7	35	250	8
4-2	6	600	700	54	13	5	8	396	27	10	40	225	8	6	600	675	54	13	3	5	396	24	7	35	250	8
5-1	6	500	600	54	13	5	8	291	24	8	35	200	8													
5-2	6	700	775	54	13	5	9	434	30	9	40	275	9	6	700	750	54	13	5	7	434	27	10	35	275	8
5-3	6	600	675	54	13	5	7	322	24	7	35	250	8													

TABLE OF SIGNAL STRUCTURE VARIABLES (CONT.)

STRUCTURE NUMBER	UPRIGHT BASE CONNECTION (mm)							SHAFT AND REINF.				LUMINAIRE AND LUMINAIRE CONNECTION									
	# Bolts	BA	BB	BC	BD	BE	BF	DA(m)	DB(m)	RA	RB	LA(m)	LB(m)	LC(mm)	LD(mm)	LE	LF(m)	LG(mm)	LH(mm)	LJ(mm)	LK(mm)
4-1	8	809	45	36	7	5	710	6.0	1.22	29	19										
4-2	8	809	45	36	7	5	710	6.0	1.22	29	19										
5-1	6	746	50	36	7	5	760	4.5	1.22	29	19										
5-2	8	906	50	40	8	6	760	7.5	1.22	29	19										
5-3	6	809	50	36	7	5	760	5.0	1.22	29	19										

FOUNDATION NOTES:

1) Design based on Report of Core Borings Sheet Signed & Sealed 2/19/97
2) Assumptions and Values used in design:
   - Cohesionless (Fine Sand)
   - Submerged Unit Weight.
   - Soil Friction Angle = 30 Degrees
   - Soil Weight = 7.5 kN/m^3

NOTE: Work this Drawing With Index Nos. 2021, 2022, 2023, 2024.

NOTE: Design Wind Speed = 145 km/h

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
			97R		

	NAMES	DATES
DRAWN BY	MZ	8/17/98
CHECKED BY	JP	8/18/98
DESIGNED BY	QYY	7/24/98
CHECKED BY	JP	8/11/98
APPROVED BY	G. MOLIERE	

ENGINEER OF RECORD.
STRUCTURES DESIGN OFFICE
DISTRICT 1
801 N. Broadway
Bartow, Florida 33830-1249

LOGO.

SEAL

FLORIDA DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN OFFICE

ROAD NO.	COUNTY	PROJECT NO.
546	Polk	16100-3515

SHEET TITLE: TABLE OF SIGNAL STRUCTURE VARIABLES

DRAWING NO. 3 of 4

PROJECT NAME: S.R.546 (U.S. 92) MEMORIAL BLVD AT LAKESHORE DR. & INGRAHAM AVE.

INDEX NO. S-2026

FINANCIAL PROJECT ID	FED. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.
197604-1-52-01	3	FLA.	16100-3515		T-25

TABLE OF SIGNAL STRUCTURE VARIABLES

NUMBER OF LOCATIONS	STRUCTURE NUMBER	FIRST ARM "A"				FIRST ARM EXTENSION				SECOND ARM "B"				SECOND ARM EXTENSION				UPRIGHT						
		FA(m)	FB(mm)	FC(mm)	FD(mm)	FE(m)	FF(mm)	FG(mm)	FH(mm)	SA(m)	SB(mm)	SC(mm)	SD(mm)	SE(m)	SF(mm)	SG(mm)	SH(mm)	UA(m)	UB(m)	UC(mm)	UD(mm)	UE(mm)	UF(deg)	UG(m)
T-6	6-1	11	201	330	4.56	8.6	314	415	6.07									7.25	6.75	436	521	6.35	0°	0
T-6	6-2	11	201	330	4.56	7.6	314	403	6.35									7.0	6.5	439	521	6.35	0°	0
T-6	6-3	11	201	330	4.56	2.6	314	345	6.07									7.0	6.5	308	390	6.07	0°	0
T-6	6-4	11	201	330	4.56	7.6	314	403	6.35									7.5	7.0	433	521	6.35	0°	0
T-7	7-1	11	201	330	4.56	11.6	314	450	6.35	6	208	279	4.56					7.5	7.0	499	586	7.94	90°	0
T-7	7-2	10	213	330	4.56													7.0	6.5	308	390	6.07	0°	0

TABLE OF SIGNAL STRUCTURE VARIABLES (CONT.)

STRUCTURE NUMBER	FIRST ARM CONNECTION (mm) First Arm Camber Angle = 2 Degrees													SECOND ARM CONNECTION (mm) Second Arm Camber Angle = 2 Degrees											
	# Bolts	HT	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	#Bolts	HT	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST
6-1	6	600	725	54	13	5	9	321	30	9	45	225	9													
6-2	6	600	725	54	13	5	8	322	30	9	45	225	8													
6-3	6	500	575	54	13	5	8	257	24	7	45	200	8													
6-4	6	600	725	54	13	5	9	319	30	10	45	225	9													
7-1	6	660	775	54	13	5	10	402	30	10	40	250	10	6	660	700	54	13	3	5	402	20	5	25	275	8
7-2	6	500	550	54	13	3	5	257	24	5	40	200	8													

TABLE OF SIGNAL STRUCTURE VARIABLES (CONT.)

STRUCTURE NUMBER	UPRIGHT BASE CONNECTION (mm)							SHAFT AND REINF.				LUMINAIRE AND LUMINAIRE CONNECTION									
	# Bolts	BA	BB	BC	BD	BE	BF	DA(m)	DB(m)	RA	RB	LA(m)	LB(m)	LC(mm)	LD(mm)	LE	LF(m)	LG(mm)	LH(mm)	LJ(mm)	LK(mm)
6-1	6	841	55	40	7	5	790	5.5	1.22	29	19										
6-2	6	841	55	40	7	5	840	5.0	1.22	29	19										
6-3	6	678	50	36	7	5	800	3.5	1.22	29	19										
6-4	6	841	55	40	7	5	810	5.5	1.22	29	19										
7-1	6	906	55	40	8	6	790	6.5	1.22	29	19										
7-2	6	630	45	30	7	5	760	3.0	1.22	29	19										

FOUNDATION NOTES:

1) Design based on Report of Core Borings Sheet Dated 2/19/97
2) Assumptions and Values used in design:
   - Cohesionless (Fine Sand)
   - Submerged Unit Weight.
   - Soil Friction Angle = 28 Degrees (Location6)
   - Soil Friction Angle = 29 Degrees (Location 7)
   - Soil Weight = 7.5 kN/m^3 (Location 6)
   - Soil Weight = 6.7 kN/m^3 (Location 7)

NOTE: Work this Drawing With Index Nos. 2021, 2022, 2023, 2024.

NOTE: Design Wind Speed = 145 km/h

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
			97R		

	NAMES	DATES
DRAWN BY	MZ	8/17/98
CHECKED BY	JP	8/17/98
DESIGNED BY	MZ	8/3/98
CHECKED BY	JP	8/11/98
APPROVED BY	G. MOLIERE	

ENGINEER OF RECORD:
STRUCTURES DESIGN OFFICE
DISTRICT 1
801 N. Broadway
Bartow, Florida 33830-1249

LOGO:

SEAL:

FLORIDA DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN OFFICE

ROAD NO.	COUNTY	PROJECT NO.
546	Polk	16100-3515

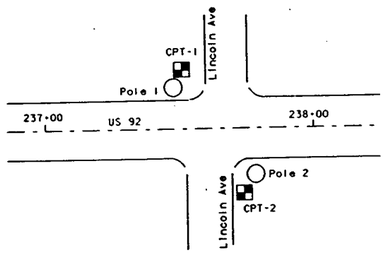
SHEET TITLE: TABLE OF SIGNAL STRUCTURE VARIABLES

DRAWING NO.: 4 of 4

PROJECT NAME: S.R. 546 (U.S. 92) MEMORIAL BLVD. AT LAKE PARKER AVE & AT E. GARY RD

INDEX NO.: S-2026

FED. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.
3	FLA.	16100-3515		T-26



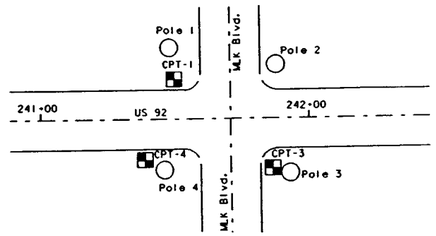
US 92 (Memorial Highway) and Lincoln Ave.

RECOMMENDED DESIGN PARAMETERS FOR POLES 1 AND 2

Depth	* Total Unit Wt. kN/m3	Angle of Internal Friction (degrees)	Cohesion (MPa)
0.0-2.5	17.3	30	-----
2.5-8.2	19.6	----	0.120
8.2-15.0	17.3	30	-----

* Buoyant unit weight should be used below the water table.

▽ - 3.5 meters below existing ground surface 12/96



US 92 (Memorial Highway) and MLK JR. Blvd.

RECOMMENDED DESIGN PARAMETERS FOR POLES 2 AND 4

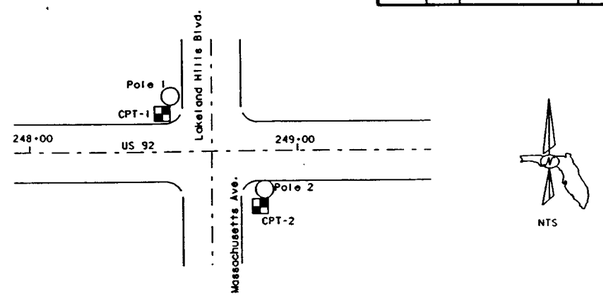
Depth	* Total Unit Wt. kN/m3	Angle of Internal Friction (degrees)	Cohesion (MPa)
0.0-2.5	16.5	29	-----
2.5-7.0	19.6	-----	0.100
7.0-12.0	17.3	30	-----

RECOMMENDED DESIGN PARAMETERS FOR POLES 1 AND 3

Depth	* Total Unit Wt. kN/m3	Angle of Internal Friction (degrees)	Cohesion (MPa)
0.0-2.2	16.5	29	
2.2-4.9	19.6	-----	0.300
4.9-15.0	17.3	30	-----

* Buoyant unit weight should be used below the water table.

▽ - 3.47 meters below existing ground surface 12/96



US 92 (Memorial Highway) and Massachusetts Ave/Lakeland Hills Blvd.

RECOMMENDED DESIGN PARAMETERS FOR POLES 1 AND 2

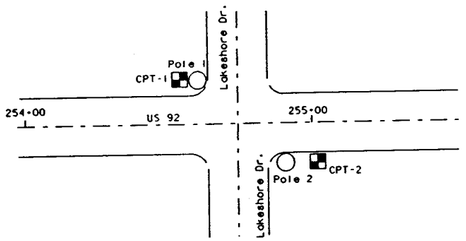
Depth	* Total Unit Wt. kN/m3	Angle of Internal Friction (degrees)	Cohesion (MPa)
0.0-1.0	17.3	30	-----
1.0-5.0	19.6	-----	0.180

* Buoyant unit weight should be used below the water table.

▽ - 3.47 meters below existing ground surface 12/96

LEGEND :

CPT- • Cone Penetrometer Test (CPT)



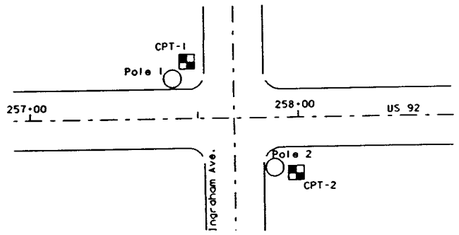
US 92 (Memorial Highway) and Lakeshore Dr.

RECOMMENDED DESIGN PARAMETERS FOR POLES 1 AND 2

Depth	* Total Unit Wt. kN/m3	Angle of Internal Friction (degrees)	Cohesion (MPa)
0.0-2.0	17.3	30	-----
2.0-7.4	19.6	-----	0.120

* Buoyant unit weight should be used below the water table.

▽ - 1.86 meters below existing ground surface 12/96



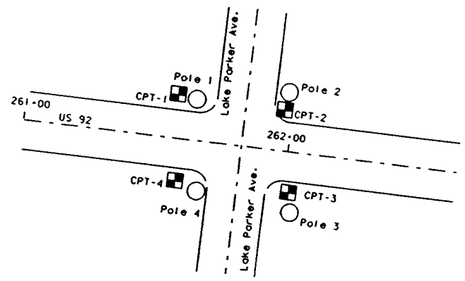
US 92 (Memorial Highway) and Ingraham Ave.

RECOMMENDED DESIGN PARAMETERS FOR POLES 1 AND 2

Depth	* Total Unit Wt. kN/m3	Angle of Internal Friction (degrees)	Cohesion (MPa)
0.0-5.5	17.3	30	-----
5.5-7.7	18.0	32	-----
7.7-10.0	16.5	29	-----

* Buoyant unit weight should be used below the water table.

▽ - 1.2 meters below existing ground surface 12/96



US 92 (Memorial Highway) and Lake Parker Ave.

RECOMMENDED DESIGN PARAMETERS FOR POLES 1, 2, 3 AND 4

Depth	* Total Unit Wt. kN/m3	Angle of Internal Friction (degrees)	Cohesion (MPa)
0.0-5.0	17.3	28	-----
0.0-10.6	18.8	-----	0.060

* Buoyant unit weight should be used below the water table.

▽ - 1.7 meters below existing ground surface 12/96

Tue Feb 18 08:27:24
/us42/pro1/soils/16515sp.dgn

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

	NAMES	DATES
DRAWN BY	DML	2/97
CHECKED BY	TNP	2/97
DESIGNED BY		
CHECKED BY		
APPROVED BY	Sharon Puckett	

ENGINEER OF RECORD:
MATERIALS OFFICE
DISTRICT 1
801 N. Broadway
Bartow, Florida 33830-1249

LOGO:

SEAL:
Sharon Puckett 02-19-97

FLORIDA DEPARTMENT OF TRANSPORTATION
MATERIALS OFFICE

ROAD NO.	COUNTY	PROJECT NO.
546	Polk	16100-3515

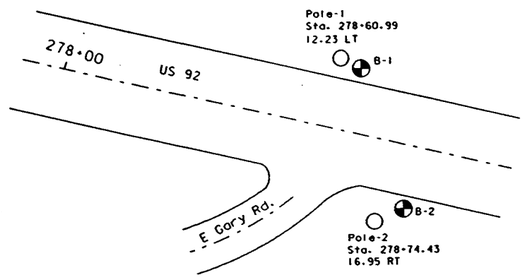
SHEET TITLE: CPT Location Sheet

PROJECT NAME: US 92 (Memorial Highway)

DRAWING NO. 1

INDEX NO.

FED. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.
3	FLA.	16100-3515		T-27



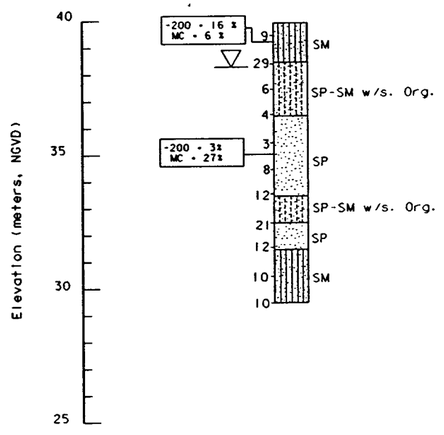
RECOMMENDED DESIGN PARAMETERS FOR POLES 1 AND 2

Depth	* Total Unit Wt. kN/m3	Angle of Internal Friction (degrees)	Cohesion (MPa)
0.0-8.5	16.5	29	-----
8.5-10.5	17.3	30	-----

* Buoyant unit weight should be used below the water table.

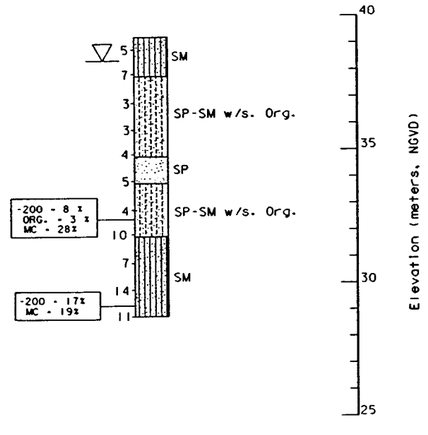
BORING NO. B-1
Sta. 278+71
4.0 m Rt
Elev. 39.9 m

01/06/97



BORING NO. B-2
Sta. 278+77
5.0 m Lt
Elev. 39.2 m

01/07/97



LEGEND :

- SP. Poorly graded sands, sand-silt mixtures.
- SM. Silty sands, sand-silt mixtures.
- SP-SM. Poorly graded sands and gravelly sands, to silty sands, sand-silt mixtures.

NOTES :

Numbers to the left of borings indicate SPT values for 300mm penetration. (Unless otherwise noted.)

Design parameters based on SPT Borings performed at the subject site.

All Elevations based on BM = 91

Type Rig = CME 75

Hammer Type = CME Automatic

▽ = Water Table

B- = Standard Penetration Test (SPT)

BENCHMARK LOCATION DESCRIPTION :

Station is located at the SW corner of the intersection of SR 546 and E. Gary Road.

BENCHMARK DESCRIPTION :

Standard F.D.O.T. concrete monument with brass disc.

Granular Materials- Relative Density	SPT (Blows/300mm)
Very Loose	Less than 4
Loose	4 - 10
Medium or Compact	10 - 30
Dense	30 - 50
Very Dense	Greater than 50

Silts and Clays- Consistency	SPT (Blows/300mm)
Very Soft	Less than 2
Soft	2 - 4
Firm	4 - 8
Stiff	8 - 15
Very Stiff	15 - 30
Hard	Greater than 30

/usr4/proj/soils/1615sp.dgn
Tue Feb 18 08:26:59

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

	NAMES	DATES
DRAWN BY	DML	2/97
CHECKED BY	TNP	2/97
DESIGNED BY		
CHECKED BY		
APPROVED BY	Chelsea Pickett	

ENGINEER OF RECORD:
MATERIALS OFFICE
DISTRICT 1
801 N. Broadway
Bartow, Florida 33830-1249

LOGO:

SEAL:
Chelsea Pickett
02-19-97

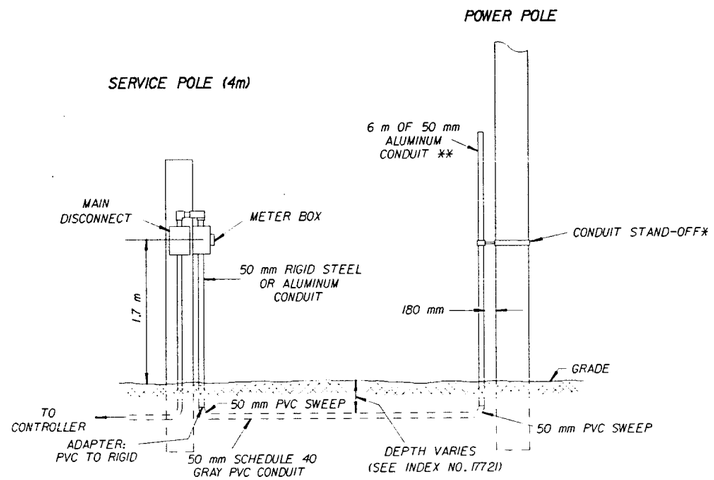
FLORIDA DEPARTMENT OF TRANSPORTATION
MATERIALS OFFICE

ROAD NO.	COUNTY	PROJECT NO.
546	Polk	16100-3515

SHEET TITLE: Report of Core Borings
DRAWING NO. 1
PROJECT NAME: US 92 (Memorial Highway) and E. Gary Road
INDEX NO.

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-28

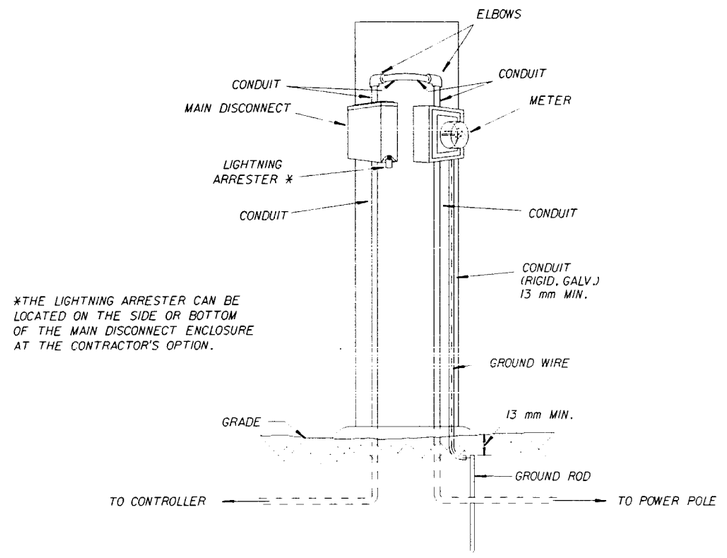
SPECIAL ELECTRICAL POWER SERVICE DETAIL
FOR CITY OF LAKELAND



* CITY OF LAKELAND ELECTRIC SHALL FURNISH AND INSTALL CONDUIT STAND-OFFS.

** CONTRACTOR SHALL FURNISH AND INSTALL THE FIRST 3 METERS OF RIGID CONDUIT FROM GROUND LEVEL UP THE POWER POLE. CONTRACTOR SHALL FURNISH AN ADDITIONAL 3 METERS OF RIGID CONDUIT TO THE CITY OF LAKELAND ELECTRIC COMPANY. IT SHALL BE THE RESPONSIBILITY OF THE CITY OF LAKELAND ELECTRIC COMPANY TO INSTALL THIS ADDITIONAL CONDUIT ON THE POWER POLE.

DETAIL OF UNDERGROUND POWER SERVICE CONNECTION TO POWER SOURCE



*THE LIGHTNING ARRESTER CAN BE LOCATED ON THE SIDE OR BOTTOM OF THE MAIN DISCONNECT ENCLOSURE AT THE CONTRACTOR'S OPTION.

SEE INDEX NO. 17736 FOR ADDITIONAL ELECTRICAL POWER SERVICE INSTALLATION DETAILS.

DETAIL OF UNDERGROUND FEED WITH METER

1/12/99

DESIGNED BY: DATE:	FLORIDA DEPARTMENT OF TRANSPORTATION
DRAWN BY: DATE:	APPROVED BY :
CHECKED BY: DATE:	

REVISION											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

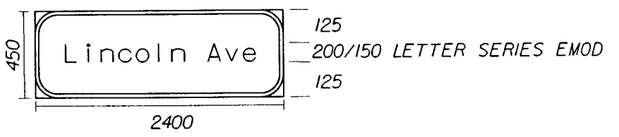
SPECIAL ELECTRICAL POWER SERVICE DETAIL

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
1. DESIGNER (Name & Signature) DATE
2. CHECKER (Green Check or Circle & Signature Incorrect) DATE
3. CHECKED COMPUTATIONS SUBMITTED DATE

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-29

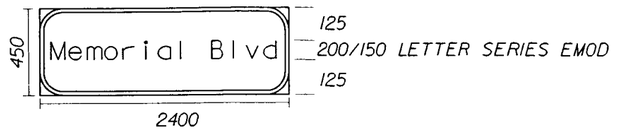
HORIZONTAL SPACING - END DIMENSIONS INCLUDE BORDER WIDTH AND MARGIN. OTHER DIMENSIONS ARE WIDTH OF CHARACTER PLUS SPACE TO FOLLOWING CHARACTER, EXCEPT LAST CHARACTER OF EACH WORD WHICH IS THE WIDTH OF CHARACTER ONLY.

SIGN NUMBER A QUANTITY 2
WIDTH 2400mm BACKGROUND TYPE III RETRO REFLECTIVE GREEN
HEIGHT 450mm COLOR
BORDER WIDTH 25mm LEGEND & BORDER
BORDER RADII 50mm COLOR TYPE III RETRO REFLECTIVE WHITE
SHIELD SIZE N/A
ARROW SIZE N/A
STATION(S) SEE SHEET T-5
LETTER SERIES EMOD



COPY	L	i	n	c	o	l	n		A	v	e	
SPACE	218	1116						300	548			218

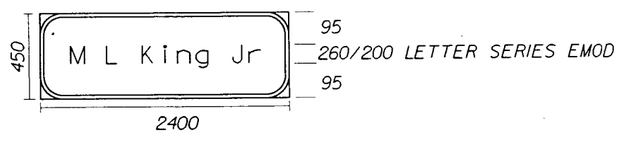
SIGN NUMBER B QUANTITY 13
WIDTH 2400mm BACKGROUND TYPE III RETRO REFLECTIVE GREEN
HEIGHT 450mm COLOR
BORDER WIDTH 25mm LEGEND & BORDER
BORDER RADII 50mm COLOR TYPE III RETRO REFLECTIVE WHITE
SHIELD SIZE N/A
ARROW SIZE N/A
STATION(S) SEE SHEET T-5 THRU T-11
LETTER SERIES EMOD



COPY	M	e	m	o	r	i	a	l		B	l	v	d	
SPACE	83	1393							200	641				83

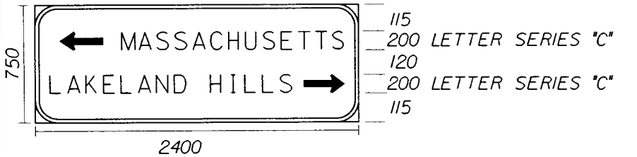
DIMENSIONS ARE IN MILLIMETERS. END DIMENSIONS INCLUDE BORDER WIDTH AND MARGIN.

SIGN NUMBER C QUANTITY 2
WIDTH 2400mm BACKGROUND TYPE III RETRO REFLECTIVE GREEN
HEIGHT 450mm COLOR
BORDER WIDTH 25mm LEGEND & BORDER
BORDER RADII 50mm COLOR TYPE III RETRO REFLECTIVE WHITE
SHIELD SIZE N/A
ARROW SIZE N/A
STATION(S) SEE SHEET T-6
LETTER SERIES EMOD



COPY	M		L		K	i	n	g		J	r	
SPACE	106	246	150	196	150	868			150	428		106

SIGN NUMBER D QUANTITY 1
WIDTH 2400mm BACKGROUND TYPE III RETRO REFLECTIVE GREEN
HEIGHT 750mm COLOR
BORDER WIDTH 25mm LEGEND & BORDER
BORDER RADII 50mm COLOR TYPE III RETRO REFLECTIVE WHITE
SHIELD SIZE N/A
ARROW SIZE 200mmX200mm
STATION(S) SEE SHEET T-7
LETTER SERIES "C"



COPY	←		M	A	S	S	A	C	H	U	S	E	T	T	S		
SPACE	99	200	150	1852												99	

COPY	L	A	K	E	L	A	N	D		H	I	L	L	S		→	
SPACE	76	1150							150	598					150	200	76

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
O.K. - RECEIVED CORRECTED (no changes req.)
O.K. - RECEIVED CORRECTED (changes req.)
O.K. - RECEIVED CORRECTED (changes req.)
DATE

REVISIONS									
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

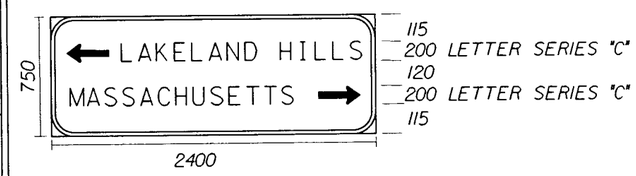
FLORIDA DEPARTMENT OF TRANSPORTATION

OVERHEAD STREET NAME SIGN DETAILS

HORIZONTAL SPACING - END DIMENSIONS INCLUDE BORDER WIDTH AND MARGIN. OTHER DIMENSIONS ARE WIDTH OF CHARACTER PLUS SPACE TO FOLLOWING CHARACTER. EXCEPT LAST CHARACTER OF EACH WORD WHICH IS THE WIDTH OF CHARACTER ONLY.

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-30

SIGN NUMBER E QUANTITY 1
WIDTH 2400mm BACKGROUND TYPE III RETRO REFLECTIVE GREEN
HEIGHT 750mm COLOR
BORDER WIDTH 25mm LEGEND & BORDER
BORDER RADII 50mm COLOR TYPE III RETRO REFLECTIVE WHITE
SHIELD SIZE N/A
ARROW SIZE 200mmx200mm
STATION(S) SEE SHEET T-7
LETTER SERIES "C"



COPY	←		L	A	K	E	L	A	N	D		H	I	L	L	S		
SPACE	76	200	150	1150							150	598					76	

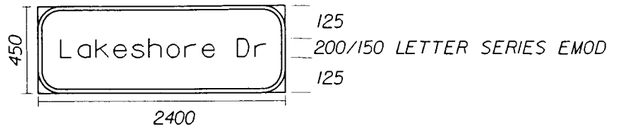
COPY		M	A	S	S	A	C	H	U	S	E	T	T	S		→	
SPACE	99	1852													150	200	99

COPY
SPACE

COPY
SPACE

COPY
SPACE

SIGN NUMBER F QUANTITY 2
WIDTH 2400mm BACKGROUND TYPE III RETRO REFLECTIVE GREEN
HEIGHT 450mm COLOR
BORDER WIDTH 25mm LEGEND & BORDER
BORDER RADII 50mm COLOR TYPE III RETRO REFLECTIVE WHITE
SHIELD SIZE N/A
ARROW SIZE N/A
STATION(S) SEE SHEET T-8
LETTER SERIES EMOD



COPY		L	a	k	e	s	h	o	r	e		D	r		
SPACE	184	1554									151	327		184	

COPY
SPACE

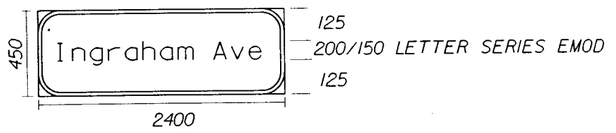
COPY
SPACE

COPY
SPACE

COPY
SPACE

DIMENSIONS ARE IN MILLIMETERS. END DIMENSIONS INCLUDE BORDER WIDTH AND MARGIN.

SIGN NUMBER G QUANTITY 2
WIDTH 2400mm BACKGROUND TYPE III RETRO REFLECTIVE GREEN
HEIGHT 450mm COLOR
BORDER WIDTH 25mm LEGEND & BORDER
BORDER RADII 50mm COLOR TYPE III RETRO REFLECTIVE WHITE
SHIELD SIZE N/A
ARROW SIZE N/A
STATION(S) SEE SHEET T-9
LETTER SERIES EMOD



COPY		I	n	g	r	a	h	a	m		A	v	e		
SPACE	126	1449								151	548			126	

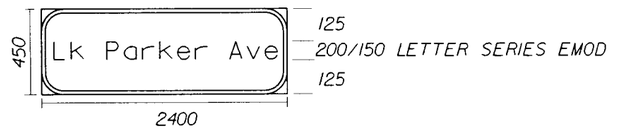
COPY
SPACE

COPY
SPACE

COPY
SPACE

COPY
SPACE

SIGN NUMBER H QUANTITY 2
WIDTH 2400mm BACKGROUND TYPE III RETRO REFLECTIVE GREEN
HEIGHT 450mm COLOR
BORDER WIDTH 25mm LEGEND & BORDER
BORDER RADII 50mm COLOR TYPE III RETRO REFLECTIVE WHITE
SHIELD SIZE N/A
ARROW SIZE N/A
STATION(S) SEE SHEET T-10
LETTER SERIES EMOD



COPY		L	k		P	a	r	k	e	r		A	v	e	
SPACE	100	333		150	1019						150	548			100

COPY
SPACE

COPY
SPACE

COPY
SPACE

COPY
SPACE

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
D.C. CHECKED (Corrections (Changes Req))
DATE
D.C. BACK CHECKED (Signs (Inspected))
DATE
ENGINEER'S SEAL (If Required)

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

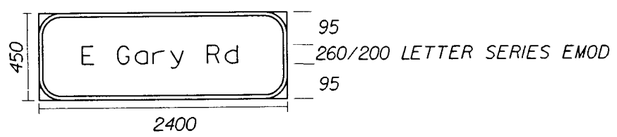
FLORIDA DEPARTMENT OF TRANSPORTATION

OVERHEAD STREET NAME SIGN DETAILS

FINANCIAL PROJ. NO.	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	T-31

HORIZONTAL SPACING - END DIMENSIONS INCLUDE BORDER WIDTH AND MARGIN. OTHER DIMENSIONS ARE WIDTH OF CHARACTER PLUS SPACE TO FOLLOWING CHARACTER, EXCEPT LAST CHARACTER OF EACH WORD WHICH IS THE WIDTH OF CHARACTER ONLY.

SIGN NUMBER 1 QUANTITY 2
WIDTH 2400mm BACKGROUND TYPE III RETRO REFLECTIVE GREEN
HEIGHT 450mm COLOR
BORDER WIDTH 25mm LEGEND & BORDER
BORDER RADII 50mm COLOR TYPE III RETRO REFLECTIVE WHITE
SHIELD SIZE N/A
ARROW SIZE N/A
STATION(S) SEE SHEET T-11
LETTER SERIES EMOD



SIGN NUMBER ____ QUANTITY ____
WIDTH ____ BACKGROUND TYPE III RETRO REFLECTIVE GREEN
HEIGHT ____ COLOR
BORDER WIDTH ____ LEGEND & BORDER
BORDER RADII ____ COLOR TYPE III RETRO REFLECTIVE WHITE
SHIELD SIZE ____
ARROW SIZE ____
STATION(S) ____
LETTER SERIES ____

| | | |

VOID

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VOID

VOID

VOID

VOID

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

PLANS OF PROPOSED
STATE HIGHWAY

FINANCIAL PROJECT ID 197604-1-52-01

STATE PROJECT NO. 16100-3515 (FEDERAL FUNDS)

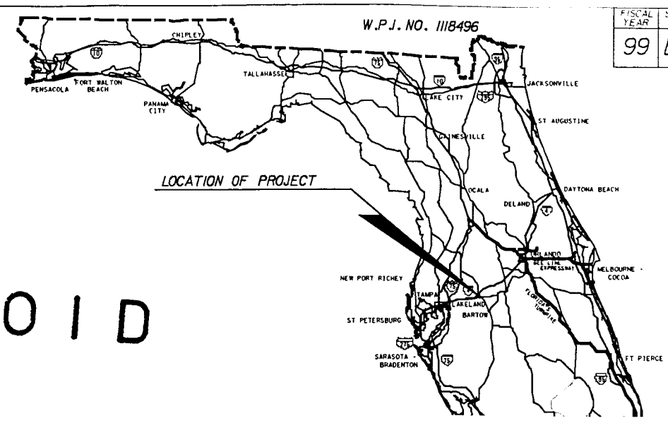
POLK COUNTY

STATE ROAD NO. 546 (U.S. 92)

LIGHTING PLANS

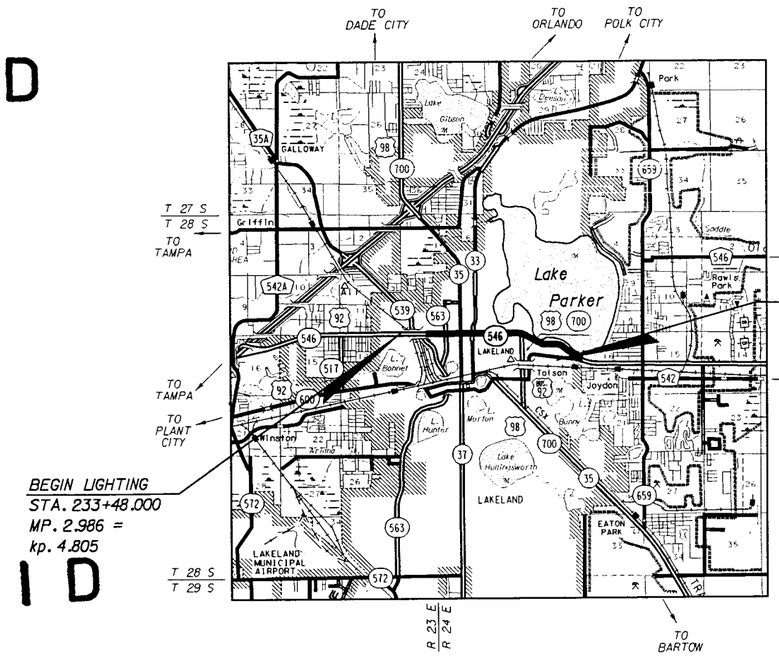
W.P.J. NO. 1118496

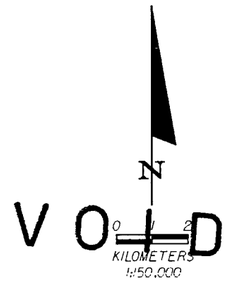
FISCAL YEAR	SHEET NO.
99	L-1



INDEX OF LIGHTING PLANS

SHEET NO.	SHEET DESCRIPTION
L-1	KEY SHEET
L-2 THRU L-5	TABULATION OF QUANTITIES
L-6	GENERAL NOTES
L-7	POLE DATA & LEGEND
L-8	POLE DATA
L-9 THRU L-43	LIGHTING PLAN





Contractor:	**APAC of Fla., Inc.**
Design Consultant:	**Faller, Davis & Assoc., Inc.**
CEI Consultant:	**MK Centennial**
District Secretary:	**David Twiddy, Jr. P.E.**
Resident Engineer:	**Jonathan Sands, P.E.**
Project Engineer:	**George D. McClintock**
Conditional Acceptance:	**December 18, 2000**

PLANS PREPARED BY

FALLER, DAVIS & ASSOCIATES, INC.
550 N. REO STREET
SUITE 301
TAMPA, FLORIDA 33609
PHONE: 813-261-5136
VENDOR NUMBER: F592594956001

THESE PLANS ARE DESIGNED TO MEET FDOT R-R-R CRITERIA.

NOTE: THIS PROJECT TO BE LET TO CONTRACT WITH FINANCIAL PROJECT NO. 197609-1-52-01.

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ALTERED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

GOVERNING SPECIFICATIONS: STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS, DATED 1999 AND SUPPLEMENTS AND SPECIAL PROVISIONS THERETO IF NOTED IN THE CONTRACT SPECIFICATIONS FOR THIS PROJECT.

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, ROADWAY AND TRAFFIC DESIGN STANDARDS (BOOKLET DATED JANUARY, 1998).

NOTE: THIS IS A METRIC UNIT PROJECT

REVISIONS		
DATE	BY	DESCRIPTION

LIGHTING PLANS ENGINEER OF RECORD: LAWRENCE THOMAS HAGEN, P.E.

DATE: 1/12/99

P.E. NO.: 43968

16100-3515

FDOT PROJECT MANAGER: J.R. MacCalla, JR.

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

FINAL PLANS
~~PLANS OF PROPOSED~~
STATE HIGHWAY

FINANCIAL PROJECT ID 197604-1-52-01

STATE PROJECT NO. 16100-3515 (FEDERAL FUNDS)

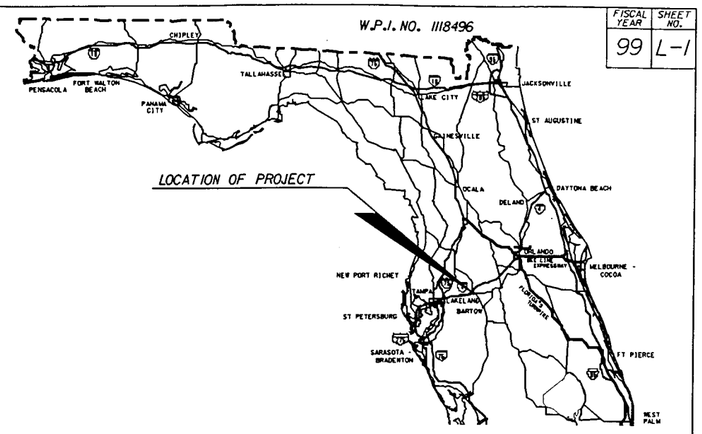
POLK COUNTY

STATE ROAD NO. 546 (U.S. 92)

LIGHTING PLANS

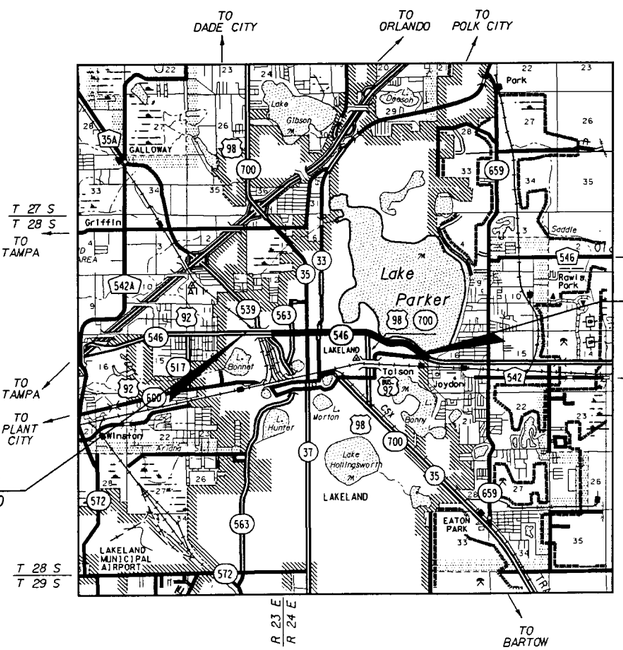
W.P.I. NO. 1118496

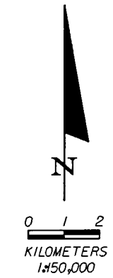
FISCAL YEAR	SHEET NO.
99	L-1



INDEX OF LIGHTING PLANS

SHEET NO.	SHEET DESCRIPTION
L-1	KEY SHEET
L-2 THRU L-5	TABULATION OF QUANTITIES
L-6	GENERAL NOTES
L-7	POLE DATA & LEGEND
L-8	POLE DATA
L-9 THRU L-43	LIGHTING PLAN





Contractor:	**APAC of Fla., Inc.**
Design Consultant:	**Faller, Davis & Assoc., Inc.**
CEI Consultant:	**MK Centennial**
District Secretary:	**David Twiddy, Jr. P.E.**
Resident Engineer:	**Jonathan Sands, P.E.**
Project Engineer:	**George D. McClintock**
Conditional Acceptance:	**December 18, 2000**

PLANS PREPARED BY

FALLER, DAVIS & ASSOCIATES, INC.
550 N. REO STREET
SUITE 301
TAMPA, FLORIDA 33609
PHONE: 813-261-5136
VENDOR NUMBER: F592594956001

THESE PLANS ARE DESIGNED TO MEET FDOT R-R-R CRITERIA.

NOTE: THIS PROJECT TO BE LET TO CONTRACT WITH FINANCIAL PROJECT NO. 197609-1-52-01.

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ALTERED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

GOVERNING SPECIFICATIONS: STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS, DATED 1999 AND SUPPLEMENTS AND SPECIAL PROVISIONS THERETO IF NOTED IN THE CONTRACT SPECIFICATIONS FOR THIS PROJECT.

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, ROADWAY AND TRAFFIC DESIGN STANDARDS (BOOKLET DATED JANUARY, 1998).

REVISIONS

⚠ REVISED 07/18/00
TABULATION OF QUANTITIES SHEETS L-2 THRU L-5
POLE DATA & POLE LEGEND SHEETS L-7 AND L-8
LIGHTING PLAN SHEETS L-9 THRU L-11, L-17 THRU L-21, L-30 THRU L-33, L-38, L-42 AND L-43

NOTE: THIS IS A METRIC UNITS PROJECT

Gil Faller 03/30/00
for Construction Revision #1

REVISIONS		
DATE	BY	DESCRIPTION

LIGHTING PLANS
ENGINEER OF RECORD _____
LAWRENCE THOMAS HAGEN, P.E.
DATE: _____
P.E. NO.: 43968

16100-3515

FDOT PROJECT MANAGER : J.R. MacCalla, JR.

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-2

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS	L-9		L-10		L-11		L-12		L-13		L-14		L-15		L-16		TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET
				PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	
2400-1-15	CLASS I CONCRETE (MISCELLANEOUS)	M3		0.5		1.0		1.0		1.5		1.0		1.5		1.0		1.0		8.5				
2555-1-1	DIRECTIONAL BORE (LESS THAN 150mm)	MI		0		0		18.9		30.5		27.8		18.9		56.7		40.9		193.7				
2620-1	GROUNDING	MI		6		12		18		24		18		30		18		24		150				
2630-1-22	CONDUIT (FURNISH) UNDERGROUND	MI		0		0		37.8		61.0		55.6		37.8		113.4		81.8		387.4				
2715-2-112	CONDUIT (UNDERGROUND) (PVC SCHEDULE 40) (41 TO 63)	MI		54.6		147.0		128.1		100.8		106.6		128.1		90.8		98.7		854.7				
2715-2-212	CONDUIT (UNDERPAVEMENT) (PVC SCHEDULE 40) (41 TO 63)	MI		0		0		0		14.7		11.6		0		0		6.8		33.1				
2715-5-50	LUMINAIRE AND BRACKET ARM (REMOVE)	EA		0		0		0		0		0		0		0		0		0				
2715-7-11	LOAD CENTER (SECONDARY VOLTAGE XF&I)	EA		0		0		0		0		0		1		0		0		1				
2715-14-11	PULL BOX (ROADSIDE XF&I)	EA		1		2		4		5		4		5		4		6		31				
2715-111-104	CONDUCTOR No. 6 (INSULATED XF&I)	MI		109.2		294.0		294.0		294.0		294.0		175.4		83.0		294.0		2756.4				
	CONDUCTOR No. 6 (GREEN INSULATED XF&I)	MI		54.6		147.0		147.0		147.0		147.0		87.7		41.5		147.0						
2715-111-105	CONDUCTOR No. 4 (INSULATED XF&I)	MI		0		0		0		0		0		118.6		212.1		0		496.1				
	CONDUCTOR No. 4 (GREEN INSULATED XF&I)	MI		0		0		0		0		0		59.3		106.1		0						
2715-500-1	POLE CABLE DISTRIBUTION SYSTEM (CONVENTIONAL)	EA		1		2		2		3		2		3		2		2		17				
2715-511-114	LIGHTING POLE COMPLETE (SINGLE ARM SHOULDER MOUNT - ALUMINUM)	EA		1		2		2		3		2		3		2		2		17				
2715-550-000	LIGHTING POLE COMPLETE (REMOVE)	EA		3		5		5		8		7		7		5		8		48				

VOID

VOID

VOID

VOID

VOID

1/12/99

AQUALITY CONTROL/QUALITY ASSURANCE REVIEW
Approved for Letting
D.E. CHECKED (Corrections Incorporated)
SIGN
DATE

REVISIONS															
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TABULATION OF QUANTITIES

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-2

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET
			L-9		L-10		L-11		L-12		L-13		L-14		L-15		L-16						
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	
2400-1-15	CLASS I CONCRETE (MISCELLANEOUS)	M3	0.5	0	1.0	0	1.0	0	1.5	6	1.0	0	1.5	0	1.0	0	1.0	0	8.5	0	-		
2555-1-1	DIRECTIONAL BORE (LESS THAN 150mm)	MI	0	0	0	0	18.9	74.5	30.5	38.5	27.8	32.0	18.9	27.4	56.7	54.85	40.9	58.74	193.7	235.99	✓		
2620-1	GROUNDING	MI	6	15	12	24	~~18~~ 24	42	24	78	18	54	30	99	18	39	24	75	~~150~~ 156	426	✓		
2630-1-22	CONDUIT (FURNISH) UNDERGROUND	MI	0	0	0	0	37.8	24.5	61.0	385	55.6	32.0	37.8	54.8	113.4	109.7	81.8	117.48	387.4	376.98	✓		
2715-2-112	CONDUIT (UNDERGROUND) (PVC SCHEDULE 40) (4I TO 63)	MI	54.6	50.7	147.0	147.9	~~28.1~~	112.7	100.8	80.7	106.6	117.4	128.1	158.1	90.8	90.15	98.7	79.44	854.7	836.59	✓		
2715-2-212	CONDUIT (UNDERPAVEMENT) (PVC SCHEDULE 40) (4I TO 63)	MI	0	0	0	0	0	13.7	14.7	28.4	11.6	21.0	0	0	0	0	6.8	7.32	33.1	69.92	✓		
2715-5-50	LUMINAIRE AND BRACKET ARM (REMOVE)	EA	0	0	0	0	0	Δ2	0	5	0	3	0	4	0	2	0	4	0	Δ20	✓		
2715-7-11	LOAD CENTER (SECONDARY VOLTAGE XF&I)	EA	0	0	0	0	~~0~~ 1	1	0	0	0	0	1	1	0	0	0	0	~~1~~ 2	2	✓		
2715-14-11	PULL BOX (ROADSIDE XF&I)	EA	1	1	2	2	4	4	5	5	4	4	5	5	4	4	6	6	31	31	✓		
2715-111-104	CONDUCTOR No.6 (INSULATED XF&I)	MI	109.2	112.2	294.0	324.6	~~294.0~~ 180.0	72.4	294.0	283.4	294.0	342.0	175.4	236.8	83.0	84.8	294.0	330.36	2585.4	2496.84	✓		
	CONDUCTOR No.6 (GREEN INSULATED XF&I)	MI	54.6	80.1	147.0	162.3	~~147.0~~ 90.0	113.2	147.0	141.7	147.0	171.0	87.7	118.4	41.5	42.4	147.0	165.18	~~2756.4~~				
2715-111-105	CONDUCTOR No.4 (INSULATED XF&I)	MI	0	0	0	0	0	0	0	0	0	0	118.6	282.8	212.1	252.0	0	0	496.1	802.2	✓		
	CONDUCTOR No.4 (GREEN INSULATED XF&I)	MI	0	0	0	0	0	0	0	0	0	0	59.3	141.4	106.1	126.0	0	0					
2715-500-1	POLE CABLE DISTRIBUTION SYSTEM (CONVENTIONAL)	EA	1	1	2	2	2	2	3	3	2	2	3	3	2	2	2	2	17	17	✓		
2715-511-114	LIGHTING POLE COMPLETE (SINGLE ARM SHOULDER MOUNT - ALUMINUM)	EA	1	1	2	2	2	2	3	3	2	2	3	3	2	2	2	2	17	17	✓		
2715-550-000	LIGHTING POLE COMPLETE (REMOVE)	EA	3	1	5	3	5	3	8	3	7	4	7	3	5	2	8	4	48	23	✓		

Silver Dane 08/08/00 for Construction Revision #1

REVISIONS													
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	EAG	Δ REVISED QUANTITIES									

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TABULATION OF QUANTITIES

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-3

TABULATION OF QUANTITIES

VOID

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET
			L-17		L-18		L-19		L-20		L-21		L-22		L-23		L-24		L-25					
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	
2400-1-15	CLASS I CONCRETE (MISCELLANEOUS)	M3	1.5		1.0		1.0		1.0		1.0		1.0		1.0		1.5		1.0		10.0				
2555-1-1	DIRECTIONAL BORE (LESS THAN 150MM)	MI	26.8		78.2		35.7		49.4		43.6		23.1		0		47.3		20.5		324.6				
2620-1	GROUNDING	MI	24		18		24		18		24		18		12		27		27		192				
2630-1-22	CONDUIT (FURNISH) (UNDERGROUND)	MI	53.6		154.4		71.4		98.8		87.2		46.2		0		94.6		41.0		649.2				
2715-2-112	CONDUIT (UNDERGROUND) (PVC SCHEDULE) (41 TO 63)	MI	107.6		68.8		63.0		48.8		96.1		102.4		122.9		96.6		101.3		807.5				
2715-2-212	CONDUIT (UNDERPAVEMENT) (PVC SCHEDULE) (41 TO 63)	MI	12.6		0		26.8		8.4		7.4		21.5		24.2		28.4		25.2		154.5				
2715-5-50	LUMINAIRE AND BRACKET ARM (REMOVE)	EA	0		0		0		0		0		0		0		2		0		2				
2715-7-11	LOAD CENTER (SECONDARY VOLTAGE XF&I)	EA	0		0		0		0		0		0		0		0		1		1				
2715-14-11	PULL BOX (ROADSIDE XF&I)	EA	5		4		6		4		6		4		2		6		5		42				
2715-111-104	CONDUCTOR No.6 (INSULATED XF&I)	MI	294.0		294.0		250.9		213.0		294.0		294.0		294.0		134.4		0		3102.8				
	CONDUCTOR No.6 (GREEN INSULATED XF&I)	MI	147.0		147.0		125.5		106.6		147.0		147.0		147.0		67.2		0						
2715-111-105	CONDUCTOR No.4 (INSULATED XF&I)	MI	0		0		0		0		0		0		0		208.0		294.0		753.0				
	CONDUCTOR No.4 (GREEN INSULATED XF&I)	MI	0		0		0		0		0		0		0		104.0		147.0						
2715-500-1	POLE CABLE DISTRIBUTION SYSTEM (CONVENTIONAL)	EA	3		2		2		2		2		2		2		3		2		20				
2715-511-114	LIGHTING POLE COMPLETE (SINGLE ARM SHOULDER MOUNT - ALUMINUM)	EA	3		2		2		2		2		2		2		3		2		20				
2715-550-000	LIGHTING POLE COMPLETE (REMOVE)	EA	10		6		7		4		3		4		5		4		4		47				

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1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
DATE

REVISIONS													
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TABULATION OF QUANTITIES

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-3

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																		TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET
			L-17		L-18		L-19		L-20		L-21		L-22		L-23		L-24		L-25						
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	
2400-1-15	CLASS I CONCRETE (MISCELLANEOUS)	M3	1.5	0	1.0	0	1.0	0	1.0	0	1.0	0	1.0	0	1.0	0	1.5	0	1.0	0	10.0	0			
2555-1-1	DIRECTIONAL BORE (LESS THAN 150MM)	MI	26.8	34.2	78.2	95.5	35.7	44.3	49.4	54.0	43.6	51.13	23.1	24.9	0	0	47.3	46.45	20.5	20.55	324.6	⚠ 371.03			
2620-1	GROUNDING	MI	24	54	18	39	24 30	75	18	39	24	78	18	39	12	18	27	54	27	72	198 198	468			
2630-1-22	CONDUIT (FURNISH) (UNDERGROUND)	MI	53.6	68.4	154.4	191.0	71.4	89.10	98.8	122.8	87.2	102.26	46.2	49.8	0	0	94.6	92.9	41.0	41.1	649.2	747.06			
2715-2-112	CONDUIT (UNDERGROUND) (PVC SCHEDULE) (4I TO 6I)	MI	107.6	96.32	68.8	23.1	63.0 83.0	86.55	48.8 86.8	84.7	96.1	49.67	102.4	84.96	122.9	90.1	96.6	94.3	101.3	114.25	865.5	722.95			
2715-2-212	CONDUIT (UNDERPAVEMENT) (PVC SCHEDULE) (4I TO 6I)	MI	12.6	5.78	0	37.5	26.8	20.25	8.4	18	7.4	49.8	21.5	37.84	24.2	65.16	28.4	49.8	25.2	25.2	154.5	309.77			
2715-5-50	LUMINAIRE AND BRACKET ARM (REMOVE)	EA	0	3	0	0	0 1	1	0	2	0	2	0	3	0	3	2	3	0	0	2	⚠ 17			
2715-7-11	LOAD CENTER (SECONDARY VOLTAGE XF&I)	EA	0	0	0	0	0 1	1	0	0	0	0	0	0	0	0	0	0	1	1	2	2			
2715-14-11	PULL BOX (ROADSIDE XF&I)	EA	5	5	4	4	6	6	4	4⚠	6	6⚠	4	4	2	2	6	6	5	5	42	42			
2715-111-104	CONDUCTOR No.6 (INSULATED XF&I)	MI	294.0 218.0	344.4	294.0 70.0	364.8	250.5 298.9	334.5	213.0 289.0	324.7	294.0 144.0	101.4	294.0	214.92	294.0	209	134.4	138.8	0	0	2611.3				
	CONDUCTOR No.6 (GREEN INSULATED XF&I)	MI	147.0 109.9	177.8	147.0 35.0	58.4	125.5 147.0	76.25	106.6 144.5	76.2	147.0 72.0	83.7	147.0	132.46	147.0	104.5	67.2	69.4	0	0	3102.8	3165.09			
2715-111-105	CONDUCTOR No.4 (INSULATED XF&I)	MI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	208.0	207.5	294.0	346.6	753.0	831.15			
	CONDUCTOR No.4 (GREEN INSULATED XF&I)	MI	0	0⚠	0	0⚠	0	0	0	0	0	0	0	0	0	0	104.0	103.75	147.0	173.3					
2715-500-1	POLE CABLE DISTRIBUTION SYSTEM (CONVENTIONAL)	EA	3	3	2	1	2	3	2	2	2	2	2	2	2	2	3	3	2	2	20	20			
2715-511-114	LIGHTING POLE COMPLETE (SINGLE ARM SHOULDER MOUNT - ALUMINUM)	EA	3	3	2	1	2	3	2	2	2	2	2	2	2	2	3	3	2	2	20	20			
2715-550-000	LIGHTING POLE COMPLETE (REMOVE)	EA	10	4	6	1	7	5	4	2	3	2	4	2	5	2	4	1	4	4	47	23			

Steven Davis P.E. 08 Post for Construction Services

REVISIONS													
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		
07/18/00	EAG	⚠ REVISED QUANTITIES											

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TABULATION OF QUANTITIES

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-4

TABULATION OF QUANTITIES

VOID

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET
			L-26		L-27		L-28		L-29		L-30		L-31		L-32		L-33		L-34					
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	
2400-1-15	CLASS I CONCRETE (MISCELLANEOUS)	M3	0.5		1.0		1.0		1.0		1.0		0.5		1.5		1.0		1.0		8.5				
2555-1-1	DIRECTIONAL BORE (LESS THAN 150MM)	MI	0		32.6		0		0		43.6		0		0		22.1		0		98.3				
2620-1	GROUNDING	MI	6		18		12		12		18		6		18		18		12		120				
2630-1-22	CONDUIT (FURNISH) (UNDERGROUND)	MI	0		65.2		0		0		87.2		0		0		44.2		0		196.6				
2715-2-112	CONDUIT (UNDERGROUND) (PVC SCHEDULE 40) (41 TO 63)	MI	87.2		93.5		115.0		99.8		75.1		97.1		58.3		125.0		147.0		898.0				
2715-2-212	CONDUIT (UNDERPAVEMENT) (PVC SCHEDULE 40) (41 TO 63)	MI	17.9		0		31.5		26.3		7.4		28.9		28.9		0		0		140.9				
2715-5-50	LUMINAIRE AND BRACKET ARM (REMOVE)	EA	0		0		0		0		0		0		0		0		0		0				
2715-7-11	LOAD CENTER (SECONDARY VOLTAGE XF&I)	EA	0		0		0		0		0		0		0		0		0		0				
2715-14-11	PULL BOX (ROADSIDE XF&I)	EA	1		4		2		2		4		1		3		4		2		23				
2715-111-104	CONDUCTOR No.6 (INSULATED XF&I)	MI	0		0		228.9		252.0		252.0		252.0		174.3		294.0		294.0		2620.9				
	CONDUCTOR No.6 (GREEN INSULATED XF&I)	MI	0		0		114.5		126.0		126.0		126.0		87.2		147.0		147.0						
2715-111-105	CONDUCTOR No.4 (INSULATED XF&I)	MI	210.0		252.0		65.1		0		0		0		0		0		0		790.7				
	CONDUCTOR No.4 (GREEN INSULATED XF&I)	MI	105.0		126.0		32.6		0		0		0		0		0		0						
2715-500-1	POLE CABLE DISTRIBUTION SYSTEM (CONVENTIONAL)	EA	1		2		2		2		2		1		3		2		2		17				
2715-511-114	LIGHTING POLE COMPLETE (SINGLE ARM SHOULDER MOUNT - ALUMINUM)	EA	1		2		2		2		2		1		3		2		2		17				
2715-550-000	LIGHTING POLE COMPLETE (REMOVE)	EA	3		4		5		4		3		3		2		3		3		30				

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1/12/99

REVISIONS													
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TABULATION OF QUANTITIES

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-4

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET
			L-26		L-27		L-28		L-29		L-30		L-31		L-32		L-33		L-34						
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	
2400-1-15	CLASS I CONCRETE (MISCELLANEOUS)	M3	0.5	0	1.0	0	1.0	0	1.0	0	1.0	0	0.5	0	1.5	0	1.0	1.502	1.0	1.004	8.5	1.506		✓	
2555-1-1	DIRECTIONAL BORE (LESS THAN 150MM)	MI	0	0	32.6	31.7	0	0	0	0	43.6	40.9	0	0	13.0	44.9	22.1	20.5	0	0	98.3	177.3	108	✓	
2620-1	GROUNDING	MI	6	9	18	39	12	18	12	21	18	36	6	9	18	27	48	18	39	12	15	120	129	234	✓
2630-1-22	CONDUIT (FURNISH) (UNDERGROUND)	MI	0	0	65.2	63.4	0	0	0	0	87.2	818	0	0	0	26	29.3	44.2	41	0	0	195.6	222.6	216	✓
2715-2-112	CONDUIT (UNDERGROUND) (PVC SCHEDULE 40) (41 TO 63)	MI	87.2	88.1	93.5	74.4	115.0	76	99.8	75.4	75.1	71.6	97.1	98.8	58.5	102.3	106.85	125.0	120.5	147.0	153.3	898.0	1000.3	869.95	✓
2715-2-212	CONDUIT (UNDERPAVEMENT) (PVC SCHEDULE 40) (41 TO 63)	MI	17.9	46.6	0	0	31.5	64.7	26.3	73.75	7.4	19.55	28.9	36.5	28.9	27.25	0	0	0	0	140.8	268.35	✓		
2715-5-50	LUMINAIRE AND BRACKET ARM (REMOVE)	EA	0	0	0	3	0	2	0	2	0	1	0	3	0	1	0	2	0	3	0	1	17	✓	
2715-7-11	LOAD CENTER (SECONDARY VOLTAGE XF&I)	EA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	✓	
2715-14-11	PULL BOX (ROADSIDE XF&I)	EA	1	1	4	4	2	2	2	2	4	4	1	1	3 4	4	4	4	2	2	23 24	24	✓		
2715-111-104	CONDUCTOR No.6 (INSULATED XF&I)	MI	0	0	0	0	228.9	106	252.0	181.6	252.0	105.2	252.0	212	174.3	308.0	267.0	294.0	335.8	294.0	335.4	2399.4		-	
	CONDUCTOR No.6 (GREEN INSULATED XF&I)	MI	0	0	0	0	114.5	53	126.0	90.8	126.0	52.6	126.0	106	87.2	149.0	133.85	147.0	82.9	147.0	167.7	2520.9	2092.55		
2715-111-105	CONDUCTOR No.4 (INSULATED XF&I)	MI	210.0	100.6	252.0	255.4	65.1	74.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	796.1	780.3	✓
	CONDUCTOR No.4 (GREEN INSULATED XF&I)	MI	105.0	95.3	126.0	127.7	32.6	37.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
2715-500-1	POLE CABLE DISTRIBUTION SYSTEM (CONVENTIONAL)	EA	1	1	2	2	2	2	2	2	2	2	1	1	3	3	2	2	2	2	17	17	✓		
2715-511-114	LIGHTING POLE COMPLETE (SINGLE ARM SHOULDER MOUNT - ALUMINUM)	EA	1	1	2	2	2	2	2	2	2	2	1	1	3	3	2	2	2	2	17	17	✓		
2715-550-000	LIGHTING POLE COMPLETE (REMOVE)	EA	3	3	4	1	5	3	4	2	3	0	3	0	2	0	3	1	3	0	30	10	✓		

Elise Lawler
DOS Construction
for Construction
Revision #1

REVISIONS												
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	EAG	⚠ REVISED QUANTITIES									

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TABULATION OF QUANTITIES

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FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
19760-1-52-01	16100-3515	L-5

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																		TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET
			L-35		L-36		L-37		L-38		L-39		L-40		L-41		L-42		L-43						
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	
2400-1-15	CLASS I CONCRETE (MISCELLANEOUS)	M3	1.0		1.0		0.5		1.0		1.0		1.0		1.0		1.5		1.0		9.0		36.0		
2555-1-1	DIRECTIONAL BORE (LESS THAN 150MM)	MI	0		0		26.3		23.6		0		0		25.7		28.4		0		104.0		720.6		
2620-1	GROUNDING	MI	12		12		21		18		12		12		18		24		12		141		603		
2630-1-22	CONDUIT (FURNISH) (UNDERGROUND)	MI	0		0		52.6		47.2		0		0		51.4		56.8		0		208.0		1441.2		
2715-2-112	CONDUIT (UNDERGROUND) (PVC SCHEDULE 40) (41 TO 63)	MI	147.0		147.0		129.2		132.3		126.5		120.8		130.7		138.1		122.3		1193.9		3754.1		
2715-2-212	CONDUIT (UNDERPAVEMENT) (PVC SCHEDULE 40) (41 TO 63)	MI	0		0		15.8		13.1		0		26.3		15.8		8.9		19.4		99.3		427.8		
2715-5-50	LUMINAIRE AND BRACKET ARM) (REMOVE)	EA	0		0		0		0		0		0		0		0		0		0		2		
2715-7-11	LOAD CENTER (SECONDARY VOLTAGE XF&I)	EA	0		0		1		0		0		0		0		0		0		1		3		
2715-14-1.1	PULL BOX (ROADSIDE XF&I)	EA	2		2		4		4		2		2		4		5		2		27		123		
2715-111-104	CONDUCTOR No.6 (INSULATED XF&I)	MI	294.0		287.7		0		0		0		0		0		0		0		872.6		9352.7		
	CONDUCTOR No.6 (GREEN INSULATED XF&I)	MI	147.0		143.9		0		0		0		0		0		0		0						
2715-111-105	CONDUCTOR No.4 (INSULATED XF&I)	MI	0		6.3		344.4		338.1		253.1		294.0		344.4		350.7		283.5		3321.9		5361.7		
	CONDUCTOR No.4 (GREEN INSULATED XF&I)	MI	0		3.2		172.2		169.1		126.5		147.0		172.2		175.4		141.8						
2715-500-1	POLE CABLE DISTRIBUTION SYSTEM (CONVENTIONAL)	EA	2		2		1		2		2		2		2		3		2		18		72		
2715-511-114	LIGHTING POLE COMPLETE (SINGLE ARM SHOULDER MOUNT - ALUMINUM)	EA	2		2		1		2		2		2		2		3		2		18		72		
2715-550-000	LIGHTING POLE COMPLETE (REMOVE)	EA	2		2		2		3		2		2		2		1		5		21		146		

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QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
CHECKED (CORRECTIONS NOTED)
DATE

REVISIONS													
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TABULATION OF QUANTITIES

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-5

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																		TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET
			L-35		L-36		L-37		L-38		L-39		L-40		L-41		L-42		L-43						
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	
2400-1-15	CLASS I CONCRETE (MISCELLANEOUS)	M3	1.0	1.004	1.0	1.004	0.5	.792	1.0	.29	1.0	1.004	1.0	1.004	1.0	.792	1.5 ~~1.294~~		1.0	1.004	9.0 ~~8.188~~		36.0	△9.694	✓
2555-1-1	DIRECTIONAL BORE (LESS THAN 150MM)	MI	0	0	0	0	26.3	22	23.6	33.2	0	0	0	0	25.7	23	~~28.4~~ 38.4	50	0	0	~~104.0~~ 174.0	133.2	~~720.6~~ 743.6	848.22	✓
2620-1	GROUNDING	MI	12	21	12	15	21	36	18	36	12	18	12	18	18	39	~~24~~ 33	60	12	15	~~44~~ 150	264	~~503~~ 633	1392	✓
2630-1-22	CONDUIT (FURNISH) (UNDERGROUND)	MI	0	0	0	0	52.6	44	47.2	60.4	0	0	0	0	51.4	46	~~56.8~~ 76.8	100	0	0	~~208.0~~ 228.0	250.4	~~1441.2~~ 1487.2	1535.44	✓
2715-2-112	CONDUIT (UNDERGROUND) (PVC SCHEDULE 40) (41 TO 63)	MI	147.0	151.2	147.0	148.4	129.2	133.65	132.3	121	126.5	129.6	120.8	149.2	130.7	117.4	~~138.1~~	111.5	122.3	115.25	1193.9	1171.2	~~3754.1~~ 3914.4	3601.63	✓
2715-2-212	CONDUIT (UNDERPAVEMENT) (PVC SCHEDULE 40) (41 TO 63)	MI	0	0	0	0	15.8	17.45	13.1	11.2	0	0	26.3	0	15.8	30.3	8.9	16	19.4	27.2	~~88.5~~	102.15	427.8	750.19	✓
2715-5-50	LUMINAIRE AND BRACKET ARM) (REMOVE)	EA	0	2	0	2	0	2	0	3	0	2	0	2	0	2	~~0~~	△3	0	△3	~~0~~	△3	~~2~~	△7	✓
2715-7-11	LOAD CENTER (SECONDARY VOLTAGE XF&I)	EA	0	0	0	0	1	1	0	0	0	0	0	0	0	0	~~0~~ 1	1	0	△0	~~1~~ 2	2	~~3~~ 7	7	✓
2715-14-11	PULL BOX (ROADSIDE XF&I)	EA	2	2	2	2	4	4	4	4	2	2	2	2	4	4	~~5~~ 6	6	2	2	~~27~~ 28	28	~~123~~ 125	125	✓
2715-111-104	CONDUCTOR No.6 (INSULATED XF&I)	MI	294.0	331.2	287.7	309.2	0	0	0	0	0	0	0	0	0	0	~~0~~ 160.0	93.6	~~0~~ 283.5	256.7	1537.9	1632.15	9134.0	9978.63	✓
	CONDUCTOR No.6 (GREEN INSULATED XF&I)	MI	147.0	165.6	143.9	154.6	0	0	0	0	0	0	0	0	0	0	~~0~~ 80.0	56.2	~~0~~ 141.8	127.85	~~872.6~~		~~9352.7~~		✓
2715-111-105	CONDUCTOR No.4 (INSULATED XF&I)	MI	0	0	6.3	30	344.4	371.1	338.1	329.6	253.1	288	294.0	327.2	344.4	324	~~350.7~~ 16.0	50.6	~~283.5~~ 0	0	2394.5	2565.75	4434.3	4979.4	✓
	CONDUCTOR No.4 (GREEN INSULATED XF&I)	MI	0	0	3.2	10	172.2	180.55	169.1	159.8	126.5	144	147.0	163.6	172.2	162	~~175.4~~ 8.0	25.3	~~141.8~~ 0	0	~~332.9~~		~~5361.7~~		✓
2715-500-1	POLE CABLE DISTRIBUTION SYSTEM (CONVENTIONAL)	EA	2	2	2	2	1	1	2	2	2	2	2	2	2	2	3	3	2	2	18	18	72	72	✓
2715-511-114	LIGHTING POLE COMPLETE (SINGLE ARM SHOULDER MOUNT - ALUMINUM)	EA	2	2	2	2	1	1	2	2	2	2	2	2	2	2	3	3	2	2	18	18	72	72	✓
2715-550-000	LIGHTING POLE COMPLETE (REMOVE)	EA	2	0	2	0	2	0	3	0	2	0	2	0	2	0	1	0	5	2	21	2	146	58	✓

Silvia Powell 08/08/00 for Construction Revision #1

REVISIONS												
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	EAG	△ REVISED QUANTITIES									

Fuller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TABULATION OF QUANTITIES

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-6

1. PRIOR TO ANY EQUIPMENT ORDER, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL EQUIPMENT SPECIFICATION OR DESIGN DATA FOR ALL MATERIAL PROPOSED FOR THE PROJECT. THESE MUST SPECIFICALLY INCLUDE:

   A) LUMINAIRE PHOTOMETRICS

   B) POLE STRENGTH CALCULATIONS

   C) POLE FRANGIBILITY TEST

   D) BOLT SPECIFICATIONS AND BOLT CIRCLE DIAMETER

   SEVEN (7) COPIES OF SHOP DRAWINGS AND DESIGN DATA FOR HIGHWAY LIGHTING EQUIPMENT SHALL BE SUBMITTED TO THE DISTRICT LIGHTING ENGINEER AT THE FOLLOWING ADDRESS WITH A COPY OF SUBMITTAL LETTER SENT TO THE DEPARTMENTS RESIDENT CONSTRUCTION ENGINEER IN CHARGE OF THE PROJECT. ALLOW A 30 DAY TURN-AROUND FOR SHOP DRAWINGS.

   DISTRICT LIGHTING ENGINEER
   DEPARTMENT OF TRANSPORTATION
   P.O. BOX 1249
   BARTOW, FLORIDA 33831-1249

2. THE LOCATIONS OF EXISTING UTILITIES, AS SHOWN ON THESE PLANS, ARE APPROXIMATE AND BASED ON THE INFORMATION FURNISHED TO THE ENGINEER BY THE UTILITY OWNER(S) AND ARE SHOWN AS NOTICE TO THE CONTRACTOR THAT UNDERGROUND UTILITIES EXIST. THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY OWNER(S) FOR LOCATION AND STAKING OF UNDERGROUND FACILITIES BEFORE EXCAVATING.

3. FLORIDA STATUTE 553.851 (1978) REQUIRES THAT BEFORE EXCAVATING, NOTICE BE GIVEN TO THE UTILITY OWNER A MINIMUM OF TWO (2) DAYS AND A MAXIMUM OF FIVE (5) DAYS, EXCLUDING SATURDAY, SUNDAY AND LEGAL HOLIDAYS. NOT ALL UTILITY COMPANIES ARE MEMBERS OF "SUNSHINE STATE ONE-CALL" 1-800-432-4770.

4. THE LOCATION OF THE POLES, CONDUCTORS, CONDUITS, JUNCTION BOXES AND SERVICE POLES ARE DIAGRAMMATIC ONLY AND MAY BE SHIFTED BY THE ENGINEER TO ACCOMMODATE LOCAL CONDITIONS AND EXISTING UTILITY LOCATIONS.

5. ALUMINUM POLES, LUMINAIRES AND BASES SHALL BE FABRICATED IN ACCORDANCE WITH AASHTO'S "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS" AND SHALL HAVE BEEN TESTED BY FHWA-APPROVED METHODS. CERTIFICATION FOR TESTS SHALL BE SUBMITTED WITH THE SHOP DRAWINGS.

6. SUBMITTAL DATA SHALL INCLUDE COMPUTER PRINTOUT SHOWING HORIZONTAL LUX LEVELS TO BE OBTAINED USING THE SUBMITTED LUMINARIES ON THIS PROJECT.

7. ALL ELECTRICAL WORK SHALL MEET ALL REQUIREMENTS OF THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE. THE NATIONAL ELECTRICAL SAFETY CODE AND THE STATE OF FLORIDA D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. ALL COMPONENTS SHALL BE PROPERLY GROUNDED AND BONDED PER N.E.C. REQUIREMENTS.

8. INSTALL LIGHTNING ARRESTORS, PROPERLY GROUNDED, IN POWER (SECONDARY) ENTRANCES.

9. THE CONTRACTOR SHALL NOTIFY CITY OF LAKELAND ELECTRIC & WATER DEPARTMENT AT LEAST 48 HOURS PRIOR TO ANY INSTALLATION THAT IS WITHIN 3.0 METERS OF ENERGIZED ELECTRICAL CONDUCTORS. FLORIDA POWER & LIGHT, AT IT'S OPTION, SHALL ASSIST THE F.D.O.T. CONTRACTOR. COVER UP ENERGIZED CONDUCTORS AT INSTALLATION SITE, OR TAKE OTHER SAFETY PRECAUTIONS AS NECESSARY. EXTREME CAUTION SHALL BE EXERCISED AT ALL TIMES IN PERFORMANCE OF WORK AROUND THE PRIMARY HIGH VOLTAGE COMPONENTS.

10. PULLING INSTRUCTIONS: CONNECT PULLING DEVICES TO COPPER WIRE AND NOT TO JACKET AND MEET MANUFACTURER'S REQUIREMENTS. USE PULLING COMPOUND PER MANUFACTURER'S REQUIREMENTS. ALL BENDS SHALL NOT BE LESS THAN RECOMMENDED BY N.E.C. OR N.E.S.C. FOR CABLE USED.

11. CONTRACTOR SHALL STAKE ALL POLE LOCATIONS AND REQUEST UTILITY COMPANIES TO LOCATE AND STAKE UNDERGROUND UTILITIES PRIOR TO EXCAVATING.

12. THE FOUNDATION DESIGN FOR LIGHTING AS PROVIDED IN INDEX 17503 OF THE ROADWAY AND TRAFFIC DEISGN STANDARDS APPEARS ADEQUATE. IF THE CONTRACTOR DESIRES TO SUBMIT A DIFFERENT DESIGN, THE FOLLOWING DESIGN PARAMETERS MAY BE USED WITH SHOP DRAWINGS TO BE SUBMITTED.

TOTAL UNIT WEIGHT:	16.5 kN/m^3
SUBMERGED UNIT WEIGHT:	6.7 kN/m^3
WATER TABLE DEPTH:	1.0 meters
ANGLE OF FRICTION:	29 degrees

13. DURING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE OF THE LIGHTING.

PAY ITEM NOTES

1. ITEM 2620-1: INCLUDE THE COST OF FURNISHING AND INSTALLING 3.0 METERS OF GROUND ROD AT EACH PULL BOX, 6.0 METER OF GROUND ROD AT EACH SERVICE POINT AND PROVIDING GROUNDING OF PULL BOX METAL COVER WITH 0.6 METERS OF #6 EXTRA FLEXIBLE BARE COPPER CONDUCTOR.

2. ITEM 2715-511-114: FOR ALUMINUM POLE AND LUMINAIRE ASSEMBLIES. THE FOLLOWING PAINTING PROCEDURE SHALL BE USED:

   A. SURFACE PREPARATION SHALL COMPLY WITH ASTM D1730 OR ASTM D1731.

   B. BRUSH PRIME ALL PITS AND IMPERFECTIONS WITH AN FDOT APPROVED PRIMER (MUST BE ON THE QUALIFIED PRODUCTS LIST).

   C. APPLY ONE FULL COAT, 4-6 MILS. DRY FILM THICKNESS OF FDOT APPROVED PRIMER (MUST BE ON THE QUALIFIED PRODUCTS LIST).

   D. APPLY ONE FULL COAT, 2-3 MILS. DRY FILM THICKNESS OF FDOT APPROVED FINISH PAINT (MUST BE ON THE QUALIFIED PRODUCTS LIST).

   E. THE PAINTING SHALL OCCUR IN A SHOP CONDITION WITH APPLICATION INSTRUCTIONS AND TIMER PERIODS BETWEEN COATS RECOMMENDED IN WRITING BY THE PAINT MANUFACTURER. THE FINAL COLOR OF THE PRIMER SHALL CONTRAST WITH THE GALVANIZING AND THE FINISH PAINT.

   F. THE FINISH COLOR SHALL BE BLACK.

13. THE CONTRACTOR SHALL NOTIFY THE CITY OF LAKELAND ELECTRIC AND WATER DEPARTMENT 48 HOURS PRIOR TO DIGGING FOUNDATIONS THAT ARE WITHIN 1.2 METERS OF EXISTING BURIED WATER MAINS SO THAT THE CITY MAY HAVE A REPRESENTATIVE ON SITE DURING EXCAVATION. FOUNDATIONS THAT ARE WITHIN 1.2 METERS SHALL BE HAND DUG TO EXPOSE THE POTENTIAL UTILITY CONFLICT AND THE POLES SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER. IN PARTICULAR, THE FOUNDATIONS FOR POLES J11, J12, J13, J14, J31, J33, J34, J37, J41, J42, J43, J45, J46, J47, J48, J49, J59, J60, AND 166 SHALL BE HAND DUG TO EXPOSE THE POTENTIAL CONFLICT. THE CONTACT PERSON AT THE CITY IS GINA CERIALE -- PHONE (941)499-8316 OR KENNY FLETCHER -- PHONE (941)499-6705.

14. UTILITY OWNERS:

MR. PAUL MAGRUM
COMMUNICATIONS TECHNICIAN
AT&T COMMUNICATIONS
511 AVE. "T" N.W.
WINTER HAVEN, FLORIDA
(941) 294-4276

MR. ROBERT ROSSER
ENGINEERING TECHNICIAN
PEOPLES GAS SYSTEM, INC.
POST OFFICE BOX 1487
LAKELAND, FLORIDA 33802-1487
(941) 686-3153

MR. JIM SMITHEE
CONSTRUCTION COORDINATOR
CABLEVISION OF CENTRAL FLORIDA
2806 RECKER HIGHWAY
WINTER HAVEN, FLORIDA 33880
(941) 293-4319

MR. MICHAEL P. FAHNESTOCK
ROADWAY & UTILITIES COORDINATOR
IMPERIAL POLK COUNTY
POST OFFICE BOX 1519
BARTOW, FLORIDA 33830
(941) 534-6000

MR. OSCAR CABANAS
PLANT MANAGER
STORER CABLE TELEVISION
745 EAST MAIN
BARTOW, FLORIDA 33830
(941) 533-9029

MR. ROGER F. CARROLL
PLANT MANAGER
PARAGON CABLE TELEVISION
POST OFFICE BOX 3800
LAKELAND, FLORIDA 33802
(941) 683-6451

MR. RICK SNYDER
RIGHT OF WAY/PERMITTING
CITY OF LAKELAND ELECTRIC & WATER
501 E. LEMON STREET
LAKELAND, FLORIDA 33801-5050
(941) 499-6586

MR. MITCHELL HARDY
RIGHT OF WAY REPRESENTATIVE
TAMPA ELECTRIC COMPANY
1770 6TH STREET N.W.
WINTER HAVEN, FLORIDA 33881
(941) 294-4171

MR. PATRICK D. McCONNELL
PEOPLES CABLE, INC.
3705 SOUTH US98, SUITE 14
LAKELAND, FLORIDA 33813
(941) 665-7777

MR. DEWEY CHANCEY
SOUTHERN STATES UTILITIES
415 WEST DAUGHTERY
LAKELAND, FLORIDA 33809
(941) 858-2504

MR. DAVE BIXLEREY
M.C.I. TELECOMMUNICATIONS
210 RECKER HIGHWAY
AUBURNDALE, FLORIDA 33823
(941) 965-1350

MS. GRACE WINKLER
(SUBORDINATIONS)
CITY OF LAKELAND
228 S. MASSACHUSETTS
LAKELAND, FLORIDA 33801-5086
(941) 499-6000

MR. MICHAEL HERR
DIRECTOR OF PUBLIC WORKS
CITY OF LAKELAND SANITARY SEWER
228 S. MASSACHUSETTS
LAKELAND, FLORIDA 33801-5086
(941) 499-6040

MR. W.D. JOHNS
SYSTEMS ENGINEER
GTE FLORIDA, INC.
POST OFFICE BOX 328 (MC-3014)
LAKELAND, FLORIDA 33802
(941) 688-5357

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
PROJECT ENGINEER — DATE
P.E. CHECKED (Check Items Reviewed) — DATE

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-7

POLE DATA

POLE NO.	CKT.	STATION	ARM LENGTH	LUM. WATTAGE	M.H.	POLE SETBACK AND NOTES (ALL SETBACKS TO FACE OF POLE)	FINAL
100	A-1	233+48 RT. ℄ SURVEY U.S. 92	2.4	400W	13.7	1.2m BEHIND FACE OF GUARDRAIL	
101	A-1	234+25 RT. ℄ SURVEY U.S. 92	2.4	400W	13.7	1.2m BEHIND FACE OF GUARDRAIL	
102	A-1	234+92 RT. ℄ SURVEY U.S. 92	2.4	400W	13.7	1.2m BEHIND FACE OF GUARDRAIL	
103	A-1	235+56 RT. ℄ SURVEY U.S. 92	3.6	400W	13.7	3.0m FROM FACE OF CURB	
104	A-1	236+20 RT. ℄ SURVEY U.S. 92	3.6	400W	13.7	3.0m FROM FACE OF CURB	
105	A-1	236+81 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	
106	A-1	237+37 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	
107	A-1	238+02 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	
108	A-1	238+40 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	
109	A-1	239+21 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	
110	A-1	239+72 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	
111	A-1	240+41 RT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	
112	A-2	240+89 RT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	
113	A-2	241+40 RT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	
114	A-2	242+01 RT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	
115	A-2	242+70 RT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	
116	A-2	243+31 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	
117	A-2	243+92 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	
118	A-2	244+37 RT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	
119	A-2	244+82 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	
120	A-2	246+31 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	
121	A-2	246+80 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	
122	A-2	247+37 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	
123	A-2	247+80 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	
124	B-1	248+38 RT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	
125	B-1	248+95 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	
126	B-1	249+55 RT. ℄ SURVEY U.S. 92 *	3.0	400W	13.7	2.4m FROM FACE OF CURB	
127	B-1	250+30 RT. ℄ SURVEY U.S. 92	2.4	400W	13.7	2.0m FROM FACE OF CURB	
128	B-1	250+86 RT. ℄ SURVEY U.S. 92	2.4	400W	13.7	2.0m FROM FACE OF CURB	
129	B-1	251+55 RT. ℄ SURVEY U.S. 92	3.0	400W	13.7	2.4m FROM FACE OF CURB	
130	B-1	252+24 RT. ℄ SURVEY U.S. 92 *	4.5	400W	13.7	4.2m FROM FACE OF CURB	
131	B-1	252+93 RT. ℄ SURVEY U.S. 92 *	4.5	400W	13.7	4.3m FROM FACE OF CURB	
132	B-1	253+63 RT. ℄ SURVEY U.S. 92 *	4.5	400W	13.7	4.3m FROM FACE OF CURB	
133	B-1	254+24 RT. ℄ SURVEY U.S. 92 *	2.4	400W	13.7	2.0m FROM FACE OF CURB	
134	B-1	254+90 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	
135	B-1	255+59 LT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	
136	B-2	256+28 LT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	
137	B-2	256+97 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	
138	B-2	257+62 LT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	
139	B-2	258+31 LT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	
140	B-2	258+91 LT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	
141	B-2	259+68 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	
142	B-2	260+37 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	
143	B-2	261+06 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	
144	B-2	261+55 LT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	
145	B-2	262+24 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	
146	B-2	262+93 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	
147	B-2	263+62 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	
148	C-1	264+19 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	
149	C-1	264+88 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	
150	C-1	265+57 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	
151	C-1	266+25 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	
152	C-1	266+87 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	
153	C-1	267+61 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	

VOID

CONVENTIONAL LIGHTING DESIGN CRITERIA

Average Initial Intensity	16 Lux
Uniformity Ratio Avg./Min.	4:1 Or Less
Max./Min.	10:1 Or Less
Wind Speed	130 km/hr

VOID

LEGEND

BOXES CHECKED REPRESENT ITEMS USED IN PLANS

SYMBOL	DESCRIPTION
☒ ⊸	400 watt high pressure sodium luminaire. Designed for medium non-cutoff type III distribution. Integral magnetic regulator type ballast wired for 240 volt operation. (General Electirc. Photometric curve number 7322). Single arm pole (mounting height 13.7 m).
☒ ⊸	Existing pole and luminaire to be removed.
☒ ⊸	Existing pole and luminaire to remain.
☒ —•—	Size 53 schedule 40 PVC conduit with THW or THWN conductors inside (conduit and conductor size as shown on plan sheets). Run 1 #6 copper bond conductor (TW green insulation) inside conduit with other conductors.
☒ ⬭	Size 53 schedule 40 PVC conduit at driveway crossings with THW or THWN conductors inside (conduit and conductor size as shown on plan sheets). run 1 #6 copper bond conductor (TW green insulation) inside conduit with other conductors.
☒ ⬭	Schedule 80 P.V.C. conduit size 53 at roadway crossings with insulated and green insulated and green insulated ground conductors as per plans.
☒ ▯	Distribution point. For specifications see Index No. 17504 of Roadway And Traffic Design Standards.
☒ □	For pull box. see index 17503 of Roadway and Traffic Design Standards Booklet dated January 1998. Pull boxes are required at both ends of conduit at roadway crossings and as necessary for completion of the project. Pull box shall have a metal cover and grounding screw / weld for connection to ground rod.
☒ ⊸	Existing luminaire and bracket arm to be removed.

VOID

NOTE

* DENOTES CONTRACTOR TO HAND DIG FOUNDATION WHICH IS REQUIRED DUE TO POTENTIAL UTILITY CONFLICTS.

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
PERFORMED BY: [illegible] DATE
CHECKED CORRECT @ 11"x17" SCALE

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

POLE DATA AND LEGEND

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-7

POLE DATA

POLE NO.	CKT	⚠ STATION	ARM LENGTH	LUM. WATTAGE	M.H.	POLE SETBACK AND NOTES (ALL SETBACKS TO FACE OF POLE)	SETBACK FINAL
100	A-1 AA-1	233+48 RT. ℄ SURVEY U.S. 92	2.4	400W	13.7	1.2m BEHIND FACE OF GUARDRAIL	2.05
101	A-1 AA-1	234+25 RT. ℄ SURVEY U.S. 92	2.4	400W	13.7	1.2m BEHIND FACE OF GUARDRAIL	2.35
102	A-1 AA-1	234+92 RT. ℄ SURVEY U.S. 92	2.4	400W	13.7	1.2m BEHIND FACE OF GUARDRAIL	2.30
103	A-1 AA-1	235+56 RT. ℄ SURVEY U.S. 92	3.6	400W	13.7	3.0m FROM FACE OF CURB	3.0
104	A-1 AA-1	236+20 RT. ℄ SURVEY U.S. 92	3.6	400W	13.7	3.0m FROM FACE OF CURB	3.15
105	A-1	236+81 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.2
106	A-1	237+37 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.4
107	A-1	238+02 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	0.85
108	A-1	238+40 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	0.85
109	A-1	239+21 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	0.95
110	A-1	239+72 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.1
111	A-1	240+41 RT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.2
112	A-2	240+89 RT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.4
113	A-2	241+40 RT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	2.1
114	A-2	242+01 RT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.8
115	A-2	242+70 RT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	2.2
116	A-2	243+31 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	2.3
117	A-2	243+92 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	2.2
118	A-2	244+37 RT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	2.15
119 ⚠	A-2	244+82 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	2.2
120	A-2 AB-1	246+31 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	2.55
121	A-2 AB-1	246+80 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	0.95
122	A-2 AB-1	247+37 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	2.45
123	A-2 AB-2	247+80 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.05
124	B-1 AB-2	248+38 RT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	2.35
125	B-1 AB-2	248+95 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.7
126	B-1 AB-2	249+55 RT. ℄ SURVEY U.S. 92 *	3.0	400W	13.7	2.4m FROM FACE OF CURB	2.6
127	B-1	250+30 RT. ℄ SURVEY U.S. 92	2.4	400W	13.7	2.0m FROM FACE OF CURB	1.9
128	B-1	250+86 RT. ℄ SURVEY U.S. 92	2.4	400W	13.7	2.0m FROM FACE OF CURB	1.65
129	B-1	251+55 RT. ℄ SURVEY U.S. 92	3.0	400W	13.7	2.4m FROM FACE OF CURB	2.6
130	B-1	252+24 RT. ℄ SURVEY U.S. 92 *	4.5	400W	13.7	4.2m FROM FACE OF CURB	4.4
131	B-1	252+93 RT. ℄ SURVEY U.S. 92 *	4.5	400W	13.7	4.3m FROM FACE OF CURB	4.0
132	B-1	253+63 RT. ℄ SURVEY U.S. 92 *	4.5	400W	13.7	4.3m FROM FACE OF CURB	4.35
133	B-1	254+24 RT. ℄ SURVEY U.S. 92 *	2.4	400W	13.7	2.0m FROM FACE OF CURB	2.15
134	B-1	254+90 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.05
135	B-1	255+59 LT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.15
136	B-2	256+28 LT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.0
137	B-2	256+97 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.85
138	B-2	257+62 LT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.9
139	B-2	258+31 LT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.2
140	B-2	258+91 LT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.7
141	B-2	259+68 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.75
142	B-2	260+37 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.3
143	B-2	261+06 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	0.85
144 ⚠	B-2	261+55 LT. ℄ SURVEY U.S. 92	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.2
145	B-2 BB-1	262+24 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.3
146	B-2 BB-1	262+93 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.3
147	B-2 BB-1	263+62 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.25
148	C-1 BB-1	264+19 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.45
149	C-1 BB-2	264+88 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.25
150	C-1 BB-2	265+57 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.2
151	C-1	266+25 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.2
152	C-1	266+87 LT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	1.2m FROM FACE OF CURB	1.1
153	C-1	267+61 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	5.5

CONVENTIONAL LIGHTING DESIGN CRITERIA

Average Initial Intensity	16 Lux
Uniformity Ratio Avg./Min.	4:1 Or Less
Max./Min.	10:1 Or Less
Wind Speed	130 km/hr

LEGEND

BOXES CHECKED REPRESENT ITEMS USED IN PLANS

SYMBOL	DESCRIPTION
⊠	400 watt high pressure sodium luminaire. Designed for medium non-cutoff type III distribution. Integral magnetic regulator type ballast wired for 240 volt operation. (General Electirc, Photometric curve number 7322). Single arm pole (mounting height 13.7 m).
⊠	** Existing pole and luminaire to be removed. SEE REVISED REMOVAL QTY PER EACH PLAN SHEET
⊠	Existing pole and luminaire to remain.
⊠	Size 53 schedule 40 PVC conduit with THW or THWN conductors inside (conduit and conductor size as shown on plan sheets). Run 1 #6 copper bond conductor (TW green insulation) inside conduit with other conductors.
⊠	Size 53 schedule 40 PVC conduit at driveway crossings with THW or THWN conductors inside (conduit and conductor size as shown on plan sheets). run 1 #6 copper bond conductor (TW green insulation) inside conduit with other conductors.
⊠	Schedule 80 P.V.C. conduit size 53 at roadway crossings with insulated and green insulated and green insulated ground conductors as per plans.
⊠	Distribution point. For specifications see Index No. 17504 of Roadway And Traffic Design Standards.
⊠	For pull box, see index 17503 of Roadway and Traffic Design Standards Booklet dated January 1998. Pull boxes are required at both ends of conduit at roadway crossings and as necessary for completion of the project. Pull box shall have a metal cover and grounding screw / weld for connection to ground rod.
⊠	Existing luminaire and bracket arm to be removed. SEE REVISED REMOVAL QTY PER EACH PLAN SHEET

NOTE

* DENOTES CONTRACTOR TO HAND DIG FOUNDATION WHICH IS REQUIRED DUE TO POTENTIAL UTILITY CONFLICTS.

** DUE TO EXISTING OVERHEAD UTILITIES USE OF SEMI LIGHT POLES - ONLY LUMINAIRE & BRACKET ARM WERE REMOVED. PLAN SHEETS NOTED ACCORDINGLY.

Glen Daniel 08/08/00 Construction for Revision #1

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	EAG	⚠ REVISED CKT NUMBERS									

Fuller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

POLE DATA AND LEGEND

FILE: L-7.DGN
DATE: 8/8/2000
TIME: 2:58:58 PM
45603.3000

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-8

POLE DATA

POLE NO.	CKT.	STATION	DIST. OR ARM	LUM. WATTAGE	M.H.	POLE SETBACK AND NOTES (ALL SETBACKS TO FACE OF POLE)	FINAL
154	C-1	268+35 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	
155	C-1	269+09 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	
156	C-1	269+83 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	
157	C-1	270+57 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	
158	C-1	271+31 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	
159	C-1	272+15 RT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	0.8m FROM FACE OF CURB	
160	C-2	272+82 RT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	0.8m FROM FACE OF CURB	
161	C-2	273+49 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	
162	C-2	274+23 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	
163	C-2	274+98 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	
164	C-2	275+68 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	
165	C-2	276+42 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	
166	C-2	277+00 RT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	0.8m FROM FACE OF CURB	
167	C-2	277+56 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	0.8m FROM FACE OF CURB	
168	C-2	278+11 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	
169	C-2	278+64 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	
170	C-2	279+38 LT. ℄ SURVEY U.S. 92	2.4	400W	13.7	2.0m FROM FACE OF CURB	
171	C-2	280+15 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	

VOID

VOID

VOID

VOID

VOID

VOID

NOTE

* DENOTES CONTRACTOR TO HAND DIG FOUNDATION WHICH IS REQUIRED DUE TO POTENTIAL UTILITY CONFLICTS.

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
PROJECT ENGINEER
DATE
D.E.O. DIRECTED CORRECTIONS/COMMENTS
DATE

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

POLE DATA

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-8

POLE DATA

SETBACK

POLE NO.	CKT.	STATION	DIST. OR ARM	LUM. WATTAGE	M.H.	POLE SETBACK AND NOTES (ALL SETBACKS TO FACE OF POLE)	FINAL
154	C-1	268+35 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	5.9
155	C-1	269+09 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	6.0
156	C-1	269+83 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	0.0
157	C-1	270+57 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	6.1
158	C-1	271+31 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	6.2
159	~~C-1~~ C-2	272+15 RT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	0.8m FROM FACE OF CURB	1.0
160	C-2	272+82 RT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	0.8m FROM FACE OF CURB	0.7
161	C-2	273+49 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	5.8
162	C-2	274+23 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	6.0
163	C-2	274+98 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	6.7
164	C-2	275+68 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	6.7
165	C-2	276+42 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	6.0
166	C-2	277+00 RT. ℄ SURVEY U.S. 92 *	1.8	400W	13.7	0.8m FROM FACE OF CURB	0.9
167	~~C-2~~	277+56 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	0.8m FROM FACE OF CURB	1.3
168	~~C-2~~ CC-1	278+11 RT. ℄ SURVEY U.S. 92	1.8	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	4.15
169	~~C-2~~ CC-1	278+64 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	6.25
170	~~C-2~~ CC-1	279+38 LT. ℄ SURVEY U.S. 92	2.4	400W	13.7	2.0m FROM FACE OF CURB	1.3
171	~~C-2~~ CC-1	280+15 LT. ℄ SURVEY U.S. 92	4.5	400W	13.7	6.0m FROM EDGE OF TRAVEL LANE	5.35

NOTE

* DENOTES CONTRACTOR TO HAND DIG FOUNDATION WHICH IS REQUIRED DUE TO POTENTIAL UTILITY CONFLICTS.

Eileen Jarrett 08/08/00 For Construction Revision #1

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	EAG	⚠ REVISED CKT NUMBERS									

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

POLE DATA

$USERNAME$
$DATE$ $TIME$
$PLOTSCALE$ $PLOTSTYLETABLE$

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-9

VOID

VOID

OAKS

BEGIN LIGHTING
STA. 233+48.000

S.R. 546 (U.S. 92)

300' WM

50' WM

150' WM

1.2 CHAIN LINK FENCE

1 STORY CONC. BLOCK DWELLING

OAKS

ASPH.

1.2 CHAIN LINK FENCE

OE

VOID

EXIST. GUARDRAIL

233

VOID

℄ SURVEY

N89°27'00"E

MATCH LINE STA. 234+00 SEE SHEET L-10

EXIST. SWK.

EXIST. GUARDRAIL

3 #6

EXIST. FENCE

150' WM

VOID

STA. 233+48
POLE NO. 100
CKT. A-1

150' WM

150' WM

1.8 CHAIN LINK FENCE

ELECTRICAL SUBSTATION

300' WM

1.8 CHAIN LINK FENCE

ELEVATED BILLBOARD

1:400

0 2.0 10.0
Meters

1/12/99

AQUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE	BY	DESCRIPTION
12/98		INITIAL SUBMITTAL FOR DISTRICT REVIEW
1/99		D.C. CHECKED CORRECTIONS FROM DISTRICT

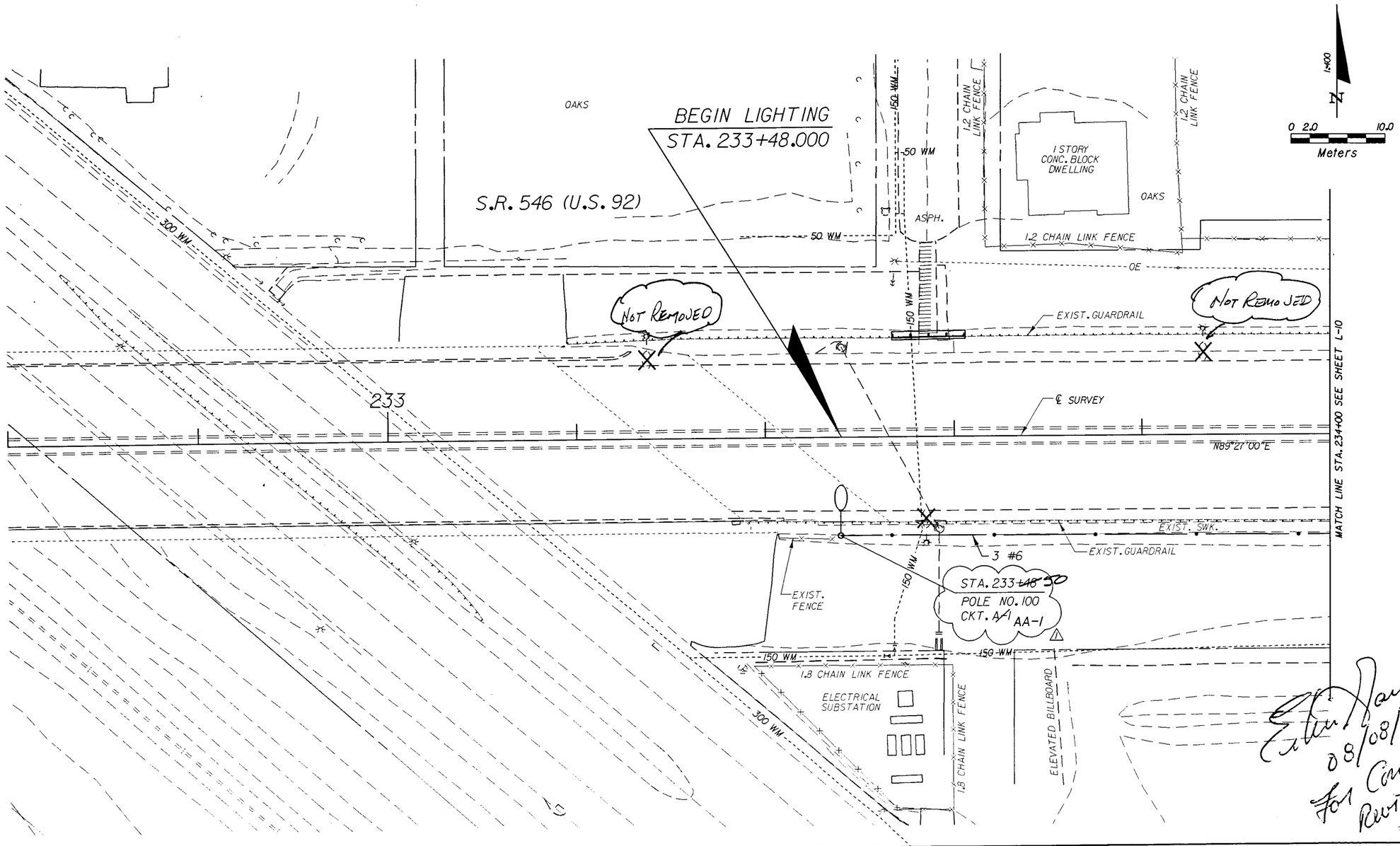
REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STA.TE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-9



Eileen Smith
08/08/00
For Construction
Revision #1

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	EAG	⚠ REVISED CKT NUMBER									

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-10

S.R. 546 (U.S. 92)

OAKS

EXIST. HOUSE

OAKS

200 SAN-

1.2 CHAIN LINK FENCE

MIXED TREES AND SHRUBS

VOID

1.8 WOOD FENCE

1.8 WOOD FENCE

1 STORY FRAME DWELLING

OE

1.2 CHAIN LINK FENCE

ELEVATED BILLBOARD

MIXED TREES AND SHRUBS

1 STORY METAL COMM. BUILDING

"ACE REFRIGERATION"

VOID

CHAIN LINK FENCE WITH 3-STRAND BARBED WIRE TOP

1:400

0 2.0 10.0

Meters

OAKS

1.2 CHAIN LINK FENCE

MIXED TREES AND SHRUBS

200 SA

PP

OE

PP

MIXED TREES AND SHRUBS

EXIST. GUARDRAIL

LP

VOID

235

℄ SURVEY

Grass

N89°27'00"E

VOID

MATCH LINE STA. 234+00 SEE SHEET L-9

50 WM

MATCH LINE STA. 235+40 SEE SHEET L-11

S-1A

LP

EXIST. GUARDRAIL

3 #6

EXIST. SWK.

3 #6

LP

3 #6

STA. 234+25
POLE NO. 101
CKT. A-1

50 WM

STA. 234+92
POLE NO. 102
CKT. A-1

150 WM

150 WM

150 WM

OAK

ASPH.

VOID

1 STORY METAL FRAME COMM. BLDG.

"SHEET METAL FABRICATION"

PALM

PALM

ASPH.

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-10

S.R. 546 (U.S. 92)

OAKS

EXIST. HOUSE

OAKS

200 SAN

1.2 CHAIN LINK FENCE

MIXED TREES AND SHRUBS

1.8 WOOD FENCE

1.8 WOOD FENCE

1 STORY FRAME DWELLING

OE

1.2 CHAIN LINK FENCE

ELEVATED BILLBOARD

MIXED TREES AND SHRUBS

1 STORY METAL COMM. BUILDING

"ACE REFRIGERATION"

1.8 CHAIN LINK FENCE WITH 3-STRAND BARBED WIRE TOP

1400

N

0 2.0 10.0

Meters

OAKS

1.2 CHAIN LINK FENCE

MIXED TREES AND SHRUBS

200 SA

PP

OE

PP

PP

MIXED TREES AND SHRUBS

EXIST. GUARDRAIL

LP

NOT REMOVED

NOT REMOVED

MATCH LINE STA. 234+00 SEE SHEET L-9

50 WM

235

℄ SURVEY

Grass

Cone Grass

N89°27'00"E

MATCH LINE STA. 235+40 SEE SHEET L-11

S-1A

LP

EXIST. SWK.

LP

3 #6

EXIST. GUARDRAIL

3 #6

3 #6

STA. 234+25
POLE NO. 101
CKT. A-1 AA-1

STA. 234+92
POLE NO. 102
CKT. A-1 AA-1

50 WM

150 WM

150 WM

150 WM

OAK

ASPH.

1 STORY METAL FRAME COMM. BLDG.

"SHEET METAL FABRICATION"

PALM

PALM

ASPH.

C.L. FENCE

Elin Daniell
08/08/00
For Construction
Revision #1

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	EAG	⚠ REVISED CKT NUMBERS									

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-11

VOID

VOID

VOID

VOID

VOID

VOID

VOID

"MUFFLER MAN"

1.8 CHAIN LINK FENCE WITH 3-STRAND BARBED WIRE TOP

200' SAN.

PROP. POLE RELOCATION (BY OTHERS)

EXIST. SWK.

ASPH.

ASPH.

OF

PP

OE

50' WM

WALKER AVE.

N 00°45'06"E

S.R. 546 (U.S. 92)

METAL CANOPY OVER FUEL PUMPS

1.2 CONC. BLOCK WALL

FUEL TANKS

1.2 CONC. BLOCK WALL

CONC. ISLAND

50' WM

BT

50' WM

OE

LP

1:400

N

0 2.0 10.0

Meters

236

℄ SURVEY

Grass

Land

N89°27'00"E

30

30

Grass

50' WM

MATCH LINE STA. 235+40 SEE SHEET L-10

MATCH LINE STA. 236+80 SEE SHEET L-12

EXIST. SWK.

3 #6

STA. 235+56

POLE NO. 103

CKT. A-1

3 #6

STA. 236+20

POLE NO. 104

CKT. A-1

3 #6

3 #6

150 WM

150 WM

150 WM

50 WM

50 WM

1.2 CHAIN LINK FENCE

ELEVATED BILLBOARDS

1.2 CHAIN LINK FENCE

1.2 CHAIN LINK FENCE

1.2 CHAIN LINK FENCE

ELEVATED BILLBOARD

1.8 CHAIN LINK FENCE WITH BARBED WIRE TOP

OAKS

OAKS

OAKS

OAKS

OAKS

OAKS

OAKS

OAKS

JACK AVE.

N 00°33'33"W

1/12/99

AQUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE	BY	DESCRIPTION

REVISIONS

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
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WALKER AVE.

N 00° 45' 06" E

S.R. 546 (U.S. 92)

1:400

0 2.0 10.0

Meters

"MUFFLER MAN"

1.8 CHAIN LINK FENCE WITH 3-STRAND BARBED WIRE TOP

200 SAN

PROP. POLE RELOCATION (BY OTHERS)

EXIST. SWK.

OE

PP

ASPH.

ASPH.

50 WM

METAL CANOPY OVER FUEL PUMPS

1.2 CONC. BLOCK WALL

FUEL TANKS

1.2 CONC. BLOCK WALL

CONC. ISLAND

BT

50 WM

OE

℄ SURVEY

236

Grass

Conc

N89°27'00"E

30

Grass

30

Conc

MATCH LINE STA. 235+40 SEE SHEET L-10

MATCH LINE STA. 236+80 SEE SHEET L-12

50 WM

3 #6

EXIST. SWK.

3 #6

STA. 235+56
POLE NO. 103
CKT. A-Y
AA-1

150 WM

STA. 236+20
POLE NO. 104
CKT. A-Y
AA-1

LOAD CENTER "AA" - STA. 236+21, 15.5 RT.
120 / 240 VOLT PHASE TO PHASE
50 AMP, 2 POLE MAIN BREAKER
CIRCUIT 1 - 20 AMP, 2 POLE BREAKER
PHOTOELECTRIC CONTROL REQUIRED

1.2 CHAIN LINK FENCE

ELEVATED BILLBOARDS

OAKS

1.2 CHAIN LINK FENCE

OAKS

1.2 CHAIN LINK FENCE

OAKS

OAKS

OAKS

OAKS

50 WM

JACK AVE.

N 00° 33' 33" W

150 WM

3 #6

SERVICE FEEDER

SERVICE POLE

150 WM

3 #6

ELEVATED BILLBOARD

3 #6

1.8 CHAIN LINK FENCE WITH BARBED WIRE TOP

OAKS

* REMOVE LUMINARE & BRACKET ARM ONLY

08/08/00
for Construction
Review
#1

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	EAG	⚠ REVISED CKT NUMBERS REMOVED CONDUCTORS ADDED LOAD CENTER									

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-12

S.R. 546 (U.S. 92)

ASPH.

ANDERSON AVE.

LINCOLN AVE.

OAKS

1.8 CHAIN LINK FENCE

1 STORY MASONRY COMM. BLDG.

VACANT

"MILAN FARRIS UPHOLSTERY"

"DOT'S PREOWNED FURNITURE"

"MICHAEL'S CARPET AND VINYL"

"A.J. CO. HAIR STUDIO"

1 STORY MASONRY COMM. BLDG.

"WILSON'S LANDSCAPING AND DEMOLITION"

1 STORY CONC. BLOCK COMM. BLDG.

"LIQUORS" (VACANT)

1 STORY CONC. BLOCK COMM. BLDG.

ASPH.

1400

0 2.0 10.0

Meters

N 0°16'48"W

N 00°00'38"E

50 WM

150 WM

EXIST. SWK.

BT

OE

7.2m

237

238

℄ SURVEY

N89°27'00"E

CONC.

GRASS

MATCH LINE STA. 236+80 SEE SHEET L-11

MATCH LINE STA. 238+20 SEE SHEET L-13

3 #6

1.8 CHAIN LINK FENCE WITH BARBED WIRE TOP

STA. 236+81
POLE NO. 105
CKT. A-1

STA. 237+37
POLE NO. 106
CKT. A-1

STA. 238+02
POLE NO. 107
CKT. A-1

1 STORY MASONRY AND BRICK COMM. BUILDING

"FURNITURE AND APPLIANCES"

1 STORY CONC. BLOCK SHOP AND TIRE STORE

N 0°34'12"W

1.2 C.L. FENCE

SHRUBS

"LAKELAND SMALL ENGINE REPAIR CLINIC"

1-1/2 STORY CONC. BLOCK COMM. BLDG.

1.5 C.L. FENCE WITH BARBED WIRE TOP

1 STORY MASONRY COMM. BLDG.

"CHRISTIAN ELECTRIC"

DENSE TREES

* REMOVE LUMINAIRE & BRACKET ARM ONLY

1/12/99

EQUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE	BY	DESCRIPTION

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-13

S.R. 546 (U.S. 92)

1:400

0 2.0 10.0 Meters

OHIO AVE.

N 0°16'43"W

N89°27'00"E

239

℄ SURVEY

200 SAN

100 GM

50 WM

150 WM

BT(3)

EXIST. SWK

CONC.

Grass

ASPH.

BILLBOARD

REALTOR SIGN

1 STORY MASONRY COMM. BLDG. "USED TIRES & WHEELS"

ASPHALT

1.8 C.L. FENCE W/ BARB. WIRE

STA. 238+60
POLE NO. 108
CKT. A-1

STA. 239+21
POLE NO. 109
CKT. A-1

3 #6

4" ELM

SIGN

OAKS

ASPHALT PARKING

2 STORY CONC. BLOCK ADDITION W/ 2 BILLBOARDS ON ROOF

1 STORY CONC. BLOCK COMM. BLDG.

SUPER CHOICE FOOD STORE SIGN

OHIO AVE.

N 0°35'04"W

MATCH LINE STA. 238+20 SEE SHEET L-12

MATCH LINE STA. 239+60 SEE SHEET L-14

& REMOVE LUMINAIRE & BRACKET ARM ONLY

1/12/99

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

EQUALITY CONTROL/QUALITY ASSURANCE REVIEW

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S.R. 546 (U.S. 92)

KETTLES AVE.

N 0°08'01"W

50 WM

2 STORY MASONRY COMM. BLDG. "LEWIS FUNERAL HOME"

UNPAVED

ASPHALT

1.2 C.L. FENCE

SHRUB

ASPH.

EXIST. SWK.

150 WM

BT(3)

CONC.

OE

240

℄ SURVEY

N89°27'00"E

30

MATCH LINE STA. 239+60 SEE SHEET L-13

TEXAS AVE.

N 0°20'23"W

300 WM

200 SAN

1 STORY CONC. BLOCK COMM. BLDG.

OAK

"RALPH KAZARIAN" 1 STORY MASONRY COMM. BLDG.

SIGN

400mm STEEL CASING

241

MATCH LINE STA. 241+00 SEE SHEET L-15

1:400

0 2.0 10.0

Meters

3 #6

3 #4

CONC.

EXIST. SWK.

150 WM

300 WM

150+/-M

STA. 239+72
POLE NO. 110
CKT. A-1
ASPHALT PARKING

STA. 240+41
POLE NO. 111
CKT. A-1

LOAD CENTER "A"- STA. 240+44, 13.0 RT.
120/240 VOLT PHASE TO PHASE
50 AMP, 2 POLE MAIN BREAKER
CIRCUIT 1 - 20 AMP, 2 POLE BREAKER
CIRCUIT 2 - 20 AMP, 2 POLE BREAKER
PHOTOELECTRIC CONTROL REQUIRED

STA. 240+89
POLE NO. 112
CKT. A-2

1 STORY MASONRY COMM. BLDG.
ALL AMERICAN "CHIKEE'S"

1.8 C.L. FENCE

TEXAS AVE.

N 0°38'12"W

300 WM

100 GM

SHELL DRIVE

50 WM

OAK TREE & SHRUBS

* REMOVE LUMINAIRE & SOCKET ARM ONLY

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS											
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Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
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S.R. 546 (U.S. 92)

M.L.K. AVE.

FLORENCE AVE.

SHELL DIRT

200 SAN

SHRUB

PALMS

OAK

ELEVATED BILLBOARDS

UNPAVED

150 WM

SPAN WIRE

N 0°06'58"W

PALM

EXIST. SWK.

OE

BT(3)

150 WM

241

242

30

30

℄ SURVEY

N89°27'00"E

MATCH LINE STA. 241+00 SEE SHEET L-14

MATCH LINE STA. 242+40 SEE SHEET L-16

SHRUBS

EXIST. SWK.

1.2 C.L. FENCE

RETENTION AREA

ASPHALT

1 STORY MASONRY COMM. BLDG.

CANOPY

SIGN

GM

0.25 OAK

1.8 WOOD FENCE

1:400

N

0 2.0 10.0

Meters

"AMERICLEAN OF LAKELAND"

ASPH.

0.25 OAKS

CONC.

3 #4

STA. 241+40

POLE NO. 113

CKT. A-2

1 STORY MASONRY COMM. BLDG.

"T-SHIRT CITY"

50 WM

SHELL DRIVE

2 STORY BRICK AND MASONRY CHURCH

AIR CONDITIONING UNITS FOR CHURCH SURROUNDED BY 1.8 CHAIN LINK FENCE

N 0°27'10"W

M.L.K. AVE.

1 STORY STUCCO RESTAURANT

"CHAU'S CHINESE FOODS"

CONC. SLAB

STA. 242+01

POLE NO. 114

CKT. A-2

200 SAN

2.4 C.L. FENCE WITH BARBED WIRE

3 #6

STORAGE (UNPAVED)

UNPAVED

* REMOVE LUMINAIRE & BRACKET ARM ONLY

AQUALITY CONTROL/QUALITY ASSURANCE REVIEW

PASSED FOR CHECKING

CHECKED (Corrections & Notes Shown On Original Prints)

DATE

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

1/12/99

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-16

S.R. 546 (U.S. 92)

VIRGINIA AVE.

NEW YORK AVE.

1 STORY CONC. BLOCK COMM. BLDG. "SHOE SHINE"

SHELL/DIRT DRIVE

1 STORY MASONRY COMM. BLDG. (LOUNGE) "D & B"

FORMER "STAR SERVICE GAS FOR LESS"

1 STORY CONC. BLOCK COMM. (VACANT)

PUMP ISLAND (NO PUMPS)

PUMP ISLAND (NO PUMPS)

1 STORY CONC. BLOCK COMM. BLDG. "INSURANCE"

1 STORY MASONRY COMM. BLDG. "WRIGHT PLACE SOUL FOOD"

1 STORY MASONRY COMM. BLDG. "LAKELAND SEAFOOD"

2 STORY FRAME RESIDENCE

1 STORY FRAME RESIDENCE

2-H C.L. FENCE WITH BARBED WIRE (STORAGE UNPAVED)

1.2 C.L. FENCE

2-H WOOD FENCE

SIGN

9.0m

243

℄ SURVEY

N89°27'00"E

N 0° 21' 17" W

N 0° 30' 28" W

N 0° 21' 30" W

N 0° 26' 12" W

50 WW

150 WW

200 SAN

50 GM

200 GM

BT(3)

EXIST. SWK.

CONC.

ASPH.

ASPHALT

UNPAVED

DIRT DRIVE

SHELL DRIVE

ASPHALT PARKING

OAK

3 #6

STA. 242+70
POLE NO. 115
CKT. A-2

STA. 243+31
POLE NO. 116
CKT. A-2

MATCH LINE STA. 242+40 SEE SHEET L-15

MATCH LINE STA. 243+80 SEE SHEET L-17

1:400

N

0 2.0 10.0

Meters

* REMOVE LUMINAIRE & BRACKET ARM ONLY

AQUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
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S.R. 546 (U.S. 92)

NEW YORK AVE.

MISSOURI AVE.

VOID

1 STORY MASONRY COMM. BLDG. "CHURCH'S CHICKEN"

1 STORY CONC. BLOCK COMM. BLDG. "VICTORY INSURANCE"

1 STORY MASONRY COMM. BLDG.

STORAGE

1 STORY CONC. BLOCK COMM. BLDG. "SURFACE MARINE"

1 STORY CONC. BLOCK COMM. BLDG.

POLE TO BE RELOCATED (BY OTHERS)

ASPHALT

OAK

1.8 C.L. FENCE WITH BARBED WIRE

1.2 C.L. FENCE

EXIST. SWK.

50 WM

150 WM

250 WM

100 GM

200 SAN

PALM

SIGN

N 0°06'36"W

N 0°11'10"W

N 0°28'15"W

244

245

30

℄ SURVEY

N89°27'00"E

Grass

Conc.

BT

BT(3)

OE

3 #6

MATCH LINE STA. 243+80 SEE SHEET L-16

MATCH LINE STA. 245+20 SEE SHEET L-18

STA. 243+92
POLE NO. 117
CKT. A-2

STA. 244+37
POLE NO. 118
CKT. A-2

STA. 244+82
POLE NO. 119
CKT. A-2

UNPAVED

DIRT DRIVE

1.0 OAK

SMALL TREES

HEDGE

SMALL TREE

"BARGAIN AUTO SALES"

1 STORY CONC. BLOCK SALES OFFICE

1.8 C.L. FENCE WITH BARBED WIRE TOP

1.2 C.L. FENCE

OAK & MIXED TREES

MIXED TREES

1 STORY FRAME RESIDENCE

1 STORY FRAME RESIDENCE

UTIL COMM

1 STORY MASONRY

T=60°

0 2.0 10.0
Meters

1/12/99

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

NOT INCORPORATED INTO CONTRACT

DATE | BY | DESCRIPTION

AS-BUILT CONSTRUCTION QUALITY ASSURANCE REVIEW

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-17

S.R. 546 (U.S. 92)

NEW YORK AVE.

MISSOURI AVE.

MATCH LINE STA. 243+80 SEE SHEET L-16

MATCH LINE STA. 245+20 SEE SHEET L-18

1 STORY CONC. BLOCK COMM. BLDG. "VICTORY INSURANCE"

1 STORY MASONRY COMM. BLDG. "CHURCH'S CHICKEN"

1 STORY MASONRY COMM. BLDG. STORAGE

1 STORY CONC. BLOCK COMM. BLDG. "SURFACE MARINE"

1 STORY CONC. BLOCK COMM. BLDG.

"BARGAIN AUTO SALES"

1 STORY CONC. BLOCK SALES OFFICE

1 STY COMM

1 STY COMM

1 STORY FRAME RESIDENCE

1 STORY FRAME RESIDENCE

1 STORY MASONRY

ASPHALT

UNPAVED

DIRT DRIVE

Grass

MIXED TREES

OAK & MIXED TREES

1.0 OAK

SMALL TREES

SMALL TREE

HEDGE

1.8 C.L. FENCE

1.8 C.L. FENCE WITH BARBED WIRE

1.8 C.L. FENCE WITH BARBED WIRE TOP

1.2 C.L. FENCE

POLE TO BE RELOCATED (BY OTHERS)

EXIST. SWK.

CONC.

ASPH.

PALM

SIGN

50 WM

150 WM

250 WM

100 GM

200 SAN

BT(3)

OE

N 0° 06' 36" W

N 0° 17' 10" W

N 0° 28' 15" W

N89°27'00"E

244

245

℄ SURVEY

3 #6

N/A

STA. 243+92
POLE NO. 117
CKT. A-2

STA. 244+37
POLE NO. 118
CKT. A-2

STA. 244+82
POLE NO. 119
CKT. A-2

0 2.0 10.0
Meters

*REMOVED LUMINAIRE & BRACKET ARM ONLY

John Daniel 08/08/00 For Construction Revision #1

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	EAG	⚠ REMOVED CONDUCTORS									

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-18

S.R. 546 (U.S. 92)

FLORIDA AVE.

N 0°27'55"W

1 STORY MASONRY COMM. BLDG. "(K) FOOD STORE"

CANOPY OVER GAS PUMPS

EXIST. SWK.

HEDGE

1.2 C.L. FENCE AROUND RETENTION AREA

SIGN

SHRUBS

8" OAK

ASPHALT

1 STORY MASONRY COMM. BLDG. "PEARL VISION EXPRESS"

CONC.

BT(4)

200 SAN

150 WM

VOID

1:400

0 2.0 10.0 Meters

HEDGE

OAKS

SHRUB

OAK

1.2 C.L. FENCE

TO BE REMOVED BY OTHERS

246

℄ SURVEY

N89°27'00"E

30

MATCH LINE STA. 245+20 SEE SHEET L-17

MATCH LINE STA. 246+60 SEE SHEET L-19

3 #6

STA. 246+31
POLE NO. 20
CKT. A-2

1 STORY CONC. BLOCK COMM. BLDG. "MR. CHECK CASHER"

1 STORY CONC. BLOCK COMM. BLDG. (VACANT)

1 STORY MASONRY RESTAURANT

1 STORY MASONRY COMM. BLDG.

"TEXACO SERVICE STATION"

EXIST. TREES

250 WM

1/12/99

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE

DATE

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-18

S.R. 546 (U.S. 92)

FLORIDA AVE.

N 0° 27' 55" W

N89°27'00"E

246

30

℄ SURVEY

MATCH LINE STA. 245+20 SEE SHEET L-17

MATCH LINE STA. 246+60 SEE SHEET L-19

1 STORY MASONRY COMM. BLDG. "⊗ FOOD STORE"

CANOPY OVER GAS PUMPS

1 STORY MASONRY COMM. BLDG. "PEARL VISION EXPRESS"

1 STORY CONC. BLOCK COMM. BLDG. "MR. CHECK CASHER"

1 STORY CONC. BLOCK COMM. BLDG. (VACANT)

1 STORY MASONRY RESTAURANT
1 STORY MASONRY COMM. BLDG.
"TEXACO SERVICE STATION"

1 STORY STUCCO COMM. BLDG. "POPEYES FAMOUS FRIED CHICKEN"

STA. 246+31
POLE NO. 120
CKT. A-2 AB-1

3 #6

HEDGE
SHRUB
SHRUBS
OAKS
OAK
8" OAK
EXIST. SWK.
1.2 C.L. FENCE AROUND RETENTION AREA
1.2 C.L. FENCE
SIGN
ASPHALT
CONC.
BT(4)
200 SAN
150 WM
250 WM
GM
ASPH.
EXIST. TREES
NA

TO BE REMOVED BY OTHERS

0 2.0 10.0
Meters
1:400

08/08/00
for Construction
Revision #1

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	EAG	⚠ REMOVED CONDUCTORS REVISED CKT NUMBER									

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-19

S.R. 546 (U.S. 92)

TENNESSEE AVE.

KENTUCKY AVE.

1-1/2 STORY METAL COMM. BLDG.

1-1/2 STORY MASONRY COMM. BLDG.

"MR. TRANSMISSION"

"MR. MUFFLER/CAR TECH"

"CLOSE-OUT-PLUS" 1-1/2 STORY MASONRY COMM. BLDG.

1-1/2 STORY CONC. BLOCK & BRICK COMM. BLDG.

"PAYLESS SHOES"

VOID

ASPHALT

CANOPY

UNPAVED

CONC.

EXIST. SWK.

ASPH.

O.E.

I.S. C.L. FENCE

ELEVATED BILLBOARD

SIGN

HEDGE

OAK

N 0°09'19"W

N 0°15'47"W

N 1°04'08"W

N89°22'00"E

℄ SURVEY

250 WM

150 WM

200 SAN

200 SAN (CONC. FILLED)

50 WM

BT(3)

BT(4)

3 #6

STA. 246+80
POLE NO. 121
CKT. A-2

STA. 247+37
POLE NO. 122
CKT. A-2

STA. 247+80
POLE NO. 123
CKT. A-2

MATCH LINE STA. 246+60 SEE SHEET L-18

MATCH LINE STA. 248+00 SEE SHEET L-20

1:400

0 2.0 10.0
Meters

EQUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE ... INITIAL ... CORRECTIONS/COMMENTS

DATE ... INITIAL ... CHECKED CORRECTIONS/COMMENTS

1/12/99

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-19

S.R. 546 (U.S. 92)

TENNESSEE AVE.

KENTUCKY AVE.

MATCH LINE STA. 246+60 SEE SHEET L-18

MATCH LINE STA. 248+00 SEE SHEET L-20

1.8 C.L. FENCE

UNPAVED

1 STORY METAL COMM. BLDG.

1 STORY MASONRY COMM. BLDG.

"MR. TRANSMISSION"

"MR. MUFFLER/CAR TECH"

"CLO$E-OUT$-PLU$"

1-1/2 STORY MASONRY COMM. BLDG.

ASPHALT

CANOPY

ELEVATED BILLBOARD

EXIST. SWK.

ASPH.

CONC.

OE

250 WM

150 WM

200 SAN

BT(3)

BT(4)

N 0° 09' 19" W

N 0° 15' 47" W

N 1° 04' 08" W

247

℄ SURVEY

N89°27'00"E

3 #6

5 #6

1.8 C.L. FENCE

SIGN

HEDGE

OAKS

SHRUBS

"PAYLESS SHOES"

1-1/2 STORY CONC. BLOCK & BRICK COMM. BLDG.

STA. 246+80
POLE NO. 121
CKT. A-2 AB-1

STA. 247+37
POLE NO. 122
CKT. A-2 AB-1

STA. 247+80
POLE NO. 123
CKT. A-2 AB-2

LOAD CENTER "AB" - STA. 247+74, 16.0 RT.
120 / 240 VOLT PHASE TO PHASE
50 AMP 2 POLE MAIN BREAKER
CIRCUIT 1 - 20 AMP, 2 POLE BREAKER
CIRCUIT 2 - 20 AMP, 2 POLE BREAKER
PHOTO ELETRIC CONTROL REQUIRED

SERVICE FEEDER

SERVICE POLE

4" OAK

1-1/2 STORY MASONRY COMM. BLDG. "WALGREEN'S"

1" = 40'

0 2.0 10.0 Meters

* REMOVED LUMINAIRE & BRACKET ARM ONLY

08/08/00
for Construction
Revision #1

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	EAG	⚠ REVISED CKT NUMBERS ADDED LOAD CENTER ADDED CONDUIT & CONDUCTORS									

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-20

S.R. 546 (U.S. 92)

1:400

0 2.0 10.0 Meters

VOID

VOID

VOID

VOID

VOID

4" OAK

SHRUB

SHRUB

BT(3)

EXIST. SWK.

CONC.

150 WM

200 SAN (OUT OF SERVICE)

200 SAN

OE

PALMS

300 OAK

150 OAK

1.8 C.L. FENCE

GAS

N 0°27'01"W

249

℄ SURVEY

N89°27'00"E

30

MATCH LINE STA. 248+00 SEE SHEET L-19

MATCH LINE STA. 249+40 SEE SHEET L-21

HEDGE

ASPHALT

STA. 248+38
POLE NO. 124
CKT. B-1

3 #6

STA. 248+95
POLE NO. 125
CKT. B-1

250 OAK

50 WM

MASSACHUSETTS AVE.

EXIST. SAN.

12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
C.C. - CHECKED Correspondence Kept

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-20

S.R. 546 (U.S. 92)

1:400

0 2.0 10.0 Meters

MATCH LINE STA. 248+00 SEE SHEET L-19

MATCH LINE STA. 249+40 SEE SHEET L-21

MASSACHUSETTS AVE.

N 0° 27' 01" W

N89°27'00"E

PALMS

SHRUB

OE

200 SAN

200 SAN (OUT OF SERVICE)

300 OAK

150 OAK

1.8 C.L. FENCE

OAKS

4" OAK

SHRUB

EXIST. SWK.

BT(3)

CONC.

150 WM

200 SAN (OUT OF SERVICE)

℄ SURVEY

249

30

SPAN WIRE

3 #6

HEDGE

EXIST. SWK.

ASPHALT

STA. 248+38
POLE NO. 124
CKT. B/A AB-2

STA. 248+95
POLE NO. 125
CKT. B/A AB-2

SIGN

50 WM

250 OAK

PALM

150 OAK

* REMOVED LUMINAIRE & BRACKET ARM ONLY

Elvin Daniel 08/08/00 for Construction Revision #1

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	EAG	⚠ REVISED CKT NUMBERS ADDED CONDUIT									

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-21

S.R. 546 (U.S. 92)

2 STORY MASONRY MOTEL "DAYS INN"

VOID

VOID

VOID

VOID

VOID

IOWA AVE.

VERMONT AVE.

N 0° 21' 44" W

N 0° 27' 06" W

N 0° 25' 07" W

N 0° 20' 19" W

N89°27'00"E

℄ SURVEY

250

1:400

0 2.0 10.0 Meters

N

OAKS

ASPHALT

1 STORY MASONRY COMM. BLDG. "ROSE'S FAMILY RESTAURANT"

EXIST. SWK.

CONC.

BT(3)

300 WM

150 WM

100 GM

200 SAN

OE

OH

BE

BT

SIGN

HEDGE

MATCH LINE STA. 249+40 SEE SHEET L-20

MATCH LINE STA. 250+80 SEE SHEET L-22

3 #6

SHRUB

3 - 300 OAKS W/SHRUBS

STA. 249+55
POLE NO. 126
CKT. B-1

STA. 250+30
POLE NO. 127
CKT. B-1

150 ELM

SHRUBS

CONCRETE LIGHT POLE

PALM

CONC. BLOCK PLANTER

GRATE INLET

1 STORY MASONRY COMM. BLDG.

"SAFELITE AUTO GLASS"

"COLOR TILE"

PINE

1/12/99

AQUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-21

S.R. 546 (U.S. 92)

IOWA AVE.

VERMONT AVE.

2 STORY MASONRY MOTEL "DAYS INN"

CANOPY

1 STORY MASONRY COMM. BLDG. "MISS ROSE'S FAMILY RESTAURANT"

ASPHALT

OAKS

EXIST. SWK.

HEDGE

SIGN

CONC.

250

℄ SURVEY

N89°27'00"E

N 0° 21' 44" W

N 0° 27' 06" W

N 0° 25' 07" W

N 0° 20' 19" W

1:400

0 2.0 10.0

Meters

MATCH LINE STA. 249+40 SEE SHEET L-20

MATCH LINE STA. 250+80 SEE SHEET L-22

3 #6

STA. 249+55
POLE NO. 126
CKT. B-1
AB-2

STA. 250+30
POLE NO. 127
CKT. B-1

CONCRETE LIGHT POLE

3 - 300 OAKS W/SHRUBS

SHRUB

SHRUBS

150 ELM

PALM

CONC. BLOCK PLANTER

GRATE INLET

1 STORY MASONRY COMM. BLDG. "SAFELITE AUTO GLASS"

1 STORY MASONRY COMM. BLDG. "COLOR TILE"

2 STORY BRICK "MOTEL"

PINE

300 WM

150 WM

200 SAN

100 GM

150 WM

BT

BE

OH

OE

* REMOVED LUMINARE & BRACKET ARM ONLY

Glen Hamill 03/08/00 Construction Revision #1

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	EAG	⚠ REVISED CKT NUMBER DELETED CONDUCTORS									

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

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Tue Aug 3 15:03:31 2000

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-22

S.R. 546 (U.S. 92)

GILMORE AVE.

1 STORY MASONRY COMM. BLDG.
"FIRST EXPRESS CHINESE FAST FOOD"
GLASS ROOM
ASPH.
200 SAN
1 STORY MASONRY COMM. BLDG.
(VACANT)
GLASS ROOM
ASPH.
SIDEWALK
50 WM
HEDGE
SHRUB
HEDGE
HEDGE
HEDGE
EXIST. SWK.
50 WM
200 SAN
CONC.
CONC.
OE
CONC.
200 SAN
251
℄ SURVEY
N89°27'00"E
MATCH LINE STA. 250+80 SEE SHEET L-21

1-1 2 STORY MASONRY COMM. BLDG.
"WESTERN AUTO"
1-1 2 STORY COMM. B "WESTERN
EXIST. SWK.
100 GM
N 0°33'51"W
OE
PALM
SIGN
ASPHALT PARKING
200 SAN
EXIST. SWK.
OE
CONC.
100 GM
252
N89°27'00"E
MATCH LINE STA. 252+20 SEE SHEET L-23

1:400
N
0 2.0 10.0
Meters

EXIST. SWK.
50 WM
3 #6
CONC.
50 WM
3 #6
STA. 250+86
POLE NO. 128
CKT. B-1
ASPHALT
HEDGE
HEDGE
ASPHALT
STA. 251+55
POLE NO. 129
CKT. B-1
1 STORY MASONRY COMM. BLDG.
"ENTERPRISE RENT-A-CAR"
1.2 STEEL HANDRAIL
HEDGE
HEDGE
EXIST. SWK.
100 GM
GILMORE AVE.
N 0°24'18"W
150 WM
OE
EXIST. SWK.
CONC.
50 WM
3 #6
EXIST. SWK.
SHRUBS
ASPHALT PARKING
SHRUBS
PLAYGROUND
SHRUBS
SPECIAL FENCE
1 STORY MASONRY GLASS RESTAURANT
"McDONALD'S"
SHRUBS
SHRUBS
ASPHALT
CANOPY
SHRUBS
2 STORY BRICK MOTEL
"MAYFLORAMA"
ASPHALT

1/12/99

4 REMOVED LUMINAIRE & BRACKET DRAW ONLY

AQUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
DATE
DATE

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-23

S.R. 546 (U.S. 92)

STELLA AVE.

N 0°42'38"W

1 STORY MASONRY COMM. BLDG. (STRIP MALL)

"LAUNDROMAT"

"JORDAN FASHION"

"BEEPERS & ELECTRONICS"

"SUBWAY SANDWICHES"

ASPHALT PARKING

ELEVATED BILLBOARD

SIGN

PLANTER

GRASS

EXIST. SWK.

CONC.

150 WM

350 RCP

1 STORY PRE-FABRICATED COMM. BLDG.

"KRYSTAL"

200 SAN

LOW SHRUBS

PALM

ASPHALT DRIVE-THROUGH

PALMS

SHRUBS

50 WM

OE

400 OAK

ASPHALT PARKING

1 STORY BRICK/GLASS RESTAURANT

"TAPATIOS"

PLANTERS

1:400

0 2.0 10.0

Meters

253

℄ SURVEY

N89°27'00"E

900 RCP

CONC.

3 #6

MATCH LINE STA. 252+20 SEE SHEET L-22

MATCH LINE STA. 253+60 SEE SHEET L-24

STA. 252+24
POLE NO. 130
CKT. B-1

STA. 252+93
POLE NO. 131
CKT. B-1

"MCDONALD'S"

1 STORY MASONRY RESTAURANT

ASPHALT DRIVE-THROUGH

OAK

1 STORY MASONRY RESTAURANT

"TACO BELL & KFC"

SMALL PALMS AND SHRUBS

1 STORY FRAME/BRICK RESTAURANT

"PIZZA HUT"

LOW SHRUBS

"GOLDEN CHINESE RESTAURANT"

* REMOVED LUMINAIRE & BRACKET ARM ONLY

1/12/99

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-24

S.R. 546 (U.S. 92)

LAKESHORE DR.

N 0°12'50"E

N 0°26'10"W

1:400

0 2.0 10.0 Meters

1 STORY BRICK COM. BLDG. "CDB PIZZA ITALIAN RESTURANT"

1 STORY MASON & BRICK COM. BLDG. "WAFFLE HOUSE"

1 STORY BRICK BLDG. "7 ELEVEN"

1 STORY BRICK BLDG. "LAKELAND AUTO TRIM"

1 STORY MASON COM. BLDG. "STEAK 'N SHAKE"

1 STORY METAL COM. BLDG. "ARBY'S"

3-300 OAK TREES

1.2 C.L.F.

3' CONC. BLK. WALL WITH 1.2 C.L. FENCE

ASPHALT PARKING

ASPH.

PLANTER

SIGN

ELEV. SIGN

PUMPS CANOPY

EXIST. SWK.

OE

150 WM

50 WM

760 WM

200 SAN

250 FM

BT

SPAN WIRE

CONC.

REMOVE EXISTING LUMINAIRE AND BRACKET ARM

℄ SURVEY

254

N89°27'00"E

MATCH LINE STA. 253+60 SEE SHEET L-23

MATCH LINE STA. 255+00 SEE SHEET L-25

STA. 254+90
POLE NO. 134
CKT. B-1

3 #4

NA

STA. 254+24
POLE NO. 133
CKT. B-1

STA. 253+63
POLE NO. 132
CKT. B-1

3 #6

PALM TREE

SHRUBS

LOW SHRUBS

BOTTLE BRUSH TREE

PALMETTO

SMALL GROUP OF PALMS

2 SMALL OAK TREES

2-460 OAK TREES

GROUP OF PALMS

PALM

EXIST. FENCE

EXIST. SIGN

ELEVATED SIGNBOARD BILLBOARD

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DESIGNED BY: ... DATE

DRAWN BY: ... DATE

CHECKED BY: ... DATE

QUALITY CONTROL BY: ... DATE

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-25

S.R. 546 (U.S. 92)

MORGAN AVE. — N 0°23'10"W

LOAD CENTER "B" - STA. 255+59, 12.0 LT
120/240 VOLT PHASE TO PHASE
50 AMP, 2 POLE MAIN BEAKER
CIRCUIT 1 - 20 AMP, 2 POLE BREAKER
CIRCUIT 2 - 20 AMP, 2 POLE BREAKER
PHOTOELECTRIC CONTROL REQUIRED

STA. 255+59
POLE NO. 135
CKT. B-1

STA. 256+28
POLE NO. 136
CKT. B-2

1 STORY BRICK BLDG. "LAKELAND AUTO TRIM"
1 STORY MASON COM. BLDG. "MEMORIAL EU'S CARWASH"
CANOPY
EMPTY PLANTER
1.8 C.L.F.
1½ STORY BRICK COM. BLDG.
2 STORY MASON COM. BLDG. "MOTEL"
1 STORY MASON COM. BLDG. "MOTEL OFFICE & RESTAURANT" "HOLIDAY INN"
TREES
CANOPY
PLANTER & SIGN
ASPH.
FENCE
OAK
3 #4
EXIST. SWK.
200 SAN
BT
150 WM
50 GM
PALM
CONC.
256
℄ SURVEY
N89°27'00"E
30
250 SAN
OF
PALMETTO
CANOPY
CANOPY NO PUMPS
200 WM
FENCE
1 STORY PREFAB W/ CONC. BLK. GLASS
"LASH AUTO SALES"
1½ STORY CONC. & MASON BLDG. "SHOPPING CENTER"
"MEMORIAL PLAZA"
ASPH. PARKING

1" = 400'
N
0 2.0 10.0
Meters

MATCH LINE STA. 255+00 SEE SHEET L-24

MATCH LINE STA. 256+40 SEE SHEET L-26

1/12/99

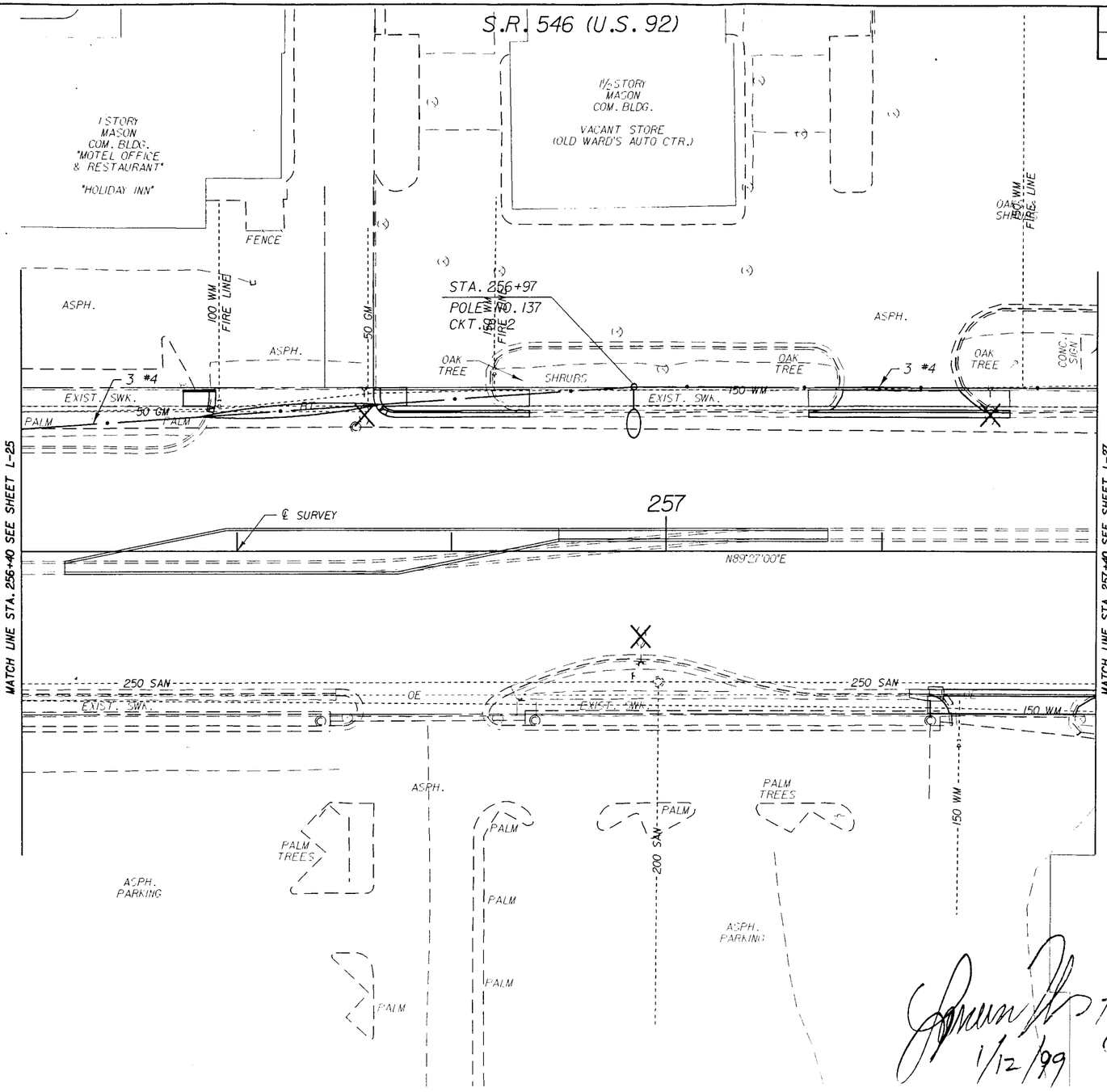
REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Keller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-26



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N

0 2.0 10.0

Meters

1/12/99

AQUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

REVISIONS

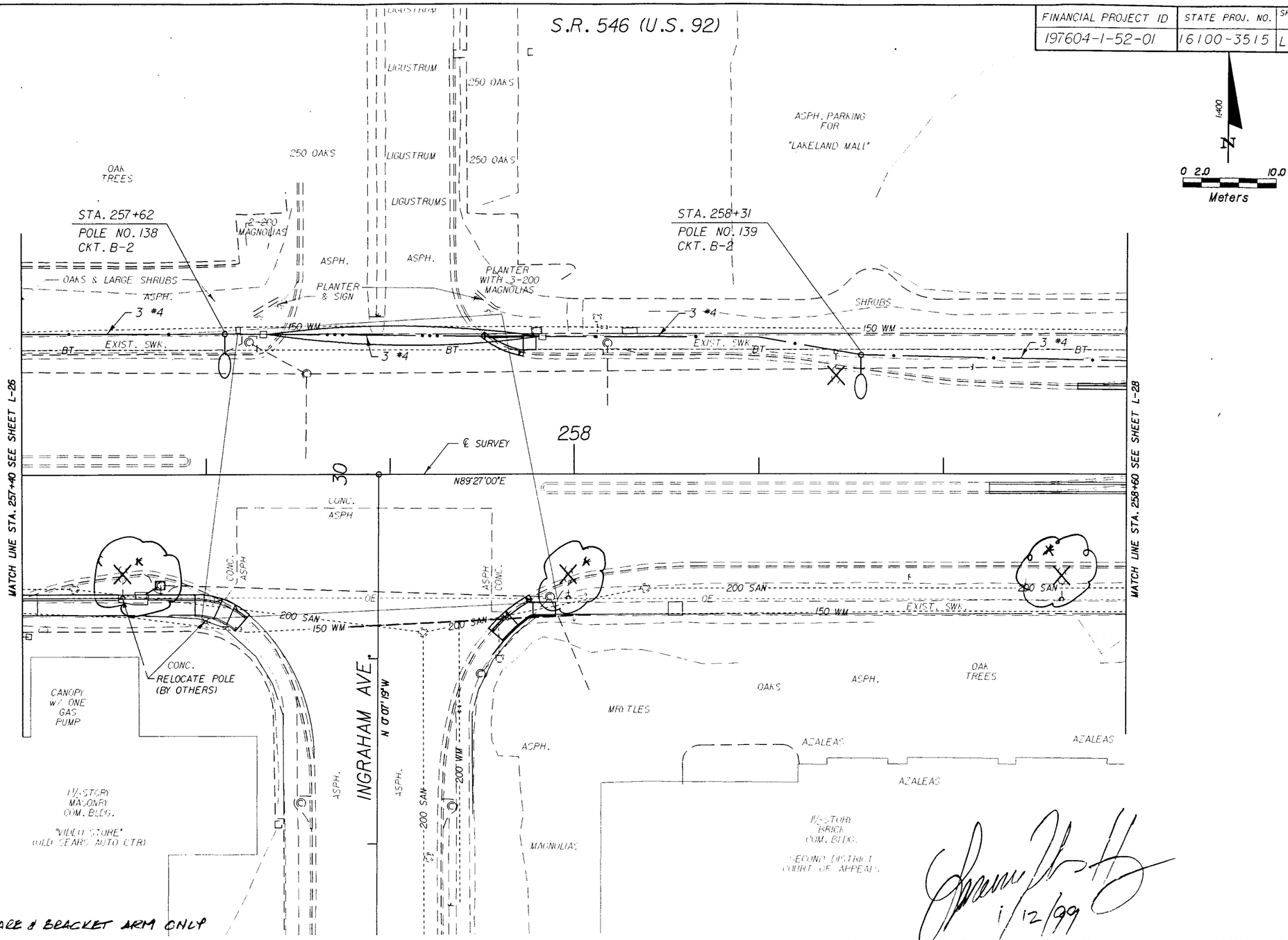
Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-27

S.R. 546 (U.S. 92)



1400

0 2.0 10.0

Meters

* REMOVED LUMINAIRE & BRACKET ARM ONLY

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DESIGN ENGINEER
DATE
G.C. BAR CHECKER (Green Engr or Electrical Engr)
DATE
C.C. CHECKED CORRECTIONS (Typographical)
DATE

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-28

S.R. 546 (U.S. 92)

1:400

N

0 2.0 10.0

Meters

STA. 258+91
POLE NO. 140
CKT. B-2

STA. 259+68
POLE NO. 141
CKT. B-2

1.8 CONC. BLOCK WALL

1 STORY MASON COM. BLDG. "CHAMPION RENT TO OWN"

1 STORY MASON COM. BLDG. "VACANT"

1½ STORY MASON COM. BLDG. "SLEEP CENTER"

1 STORY METAL COM. BLDG. "_____"

SIDEWALK

SIDEWALK

SIGN

STORE SIGN

SIGN FOOTER

ASPH.

ASPH.

PALMETTO

75 WM

25 WM

50 WM

150 WM

150 WM

150 WM

3 #4

3 #6

3 #6

EXIST. SWK.

250 OAK

250 OAK

200 OAK

259

℄ SURVEY

N89°27'00"E

N89°27'00"E

MATCH LINE STA. 258+60 SEE SHEET L-27

MATCH LINE STA. 260+00 SEE SHEET L-29

BT

200 SAN

CONC.

BT

200 SAN

EXIST. SWK.

BT

200 SAN

CONC.

BT

200 SAN

OE

150 WM

150 WM

150 WM

150 WM

150 WM

AZALEAS

ASPH.

AZALEAS

OAK TREES

CITRUS

CITRUS

ASPH.

MYRTLES

SIGN

FLAG

SHRUBS

FLAG

ASPH.

EXIST. SWK.

CITRUS

PALM

PALM

PALM

CITRUS

PALM

PALM

PLANTER SHRUBS

SHRUBS

M/S STORY BRICK COM. BLDG. "SECOND DISTRICT COURT OF APPEAL"

PALMS

PALMS

SHRUBS

PALM TREE

1 STORY BRICK COM. BLDG. "CITRUS OFFICE"

1/12/99

* REMOVED LUMINAIRE & BRACKET ARM ONLY

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

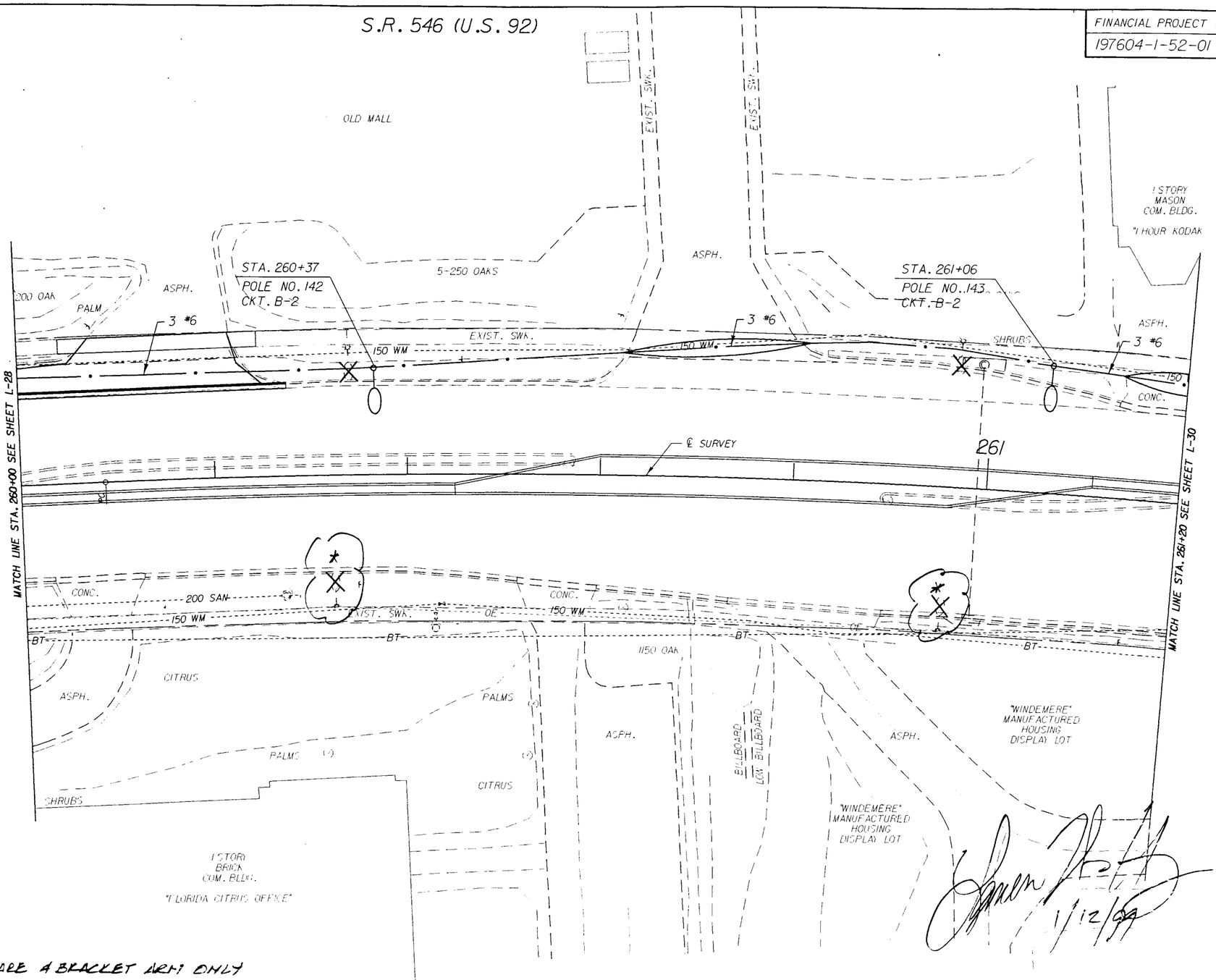
LIGHTING PLAN

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

1. CHECKED for Drafting
2. CHECKED Computations Completed

S.R. 546 (U.S. 92)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-29



* REMOVED LUMINAIRE & BRACKET ARM ONLY

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINAL PLANS QUALITY ASSURANCE REVIEW

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-30

S.R. 546 (U.S. 92)

LAKE PARKER AVE.

1 STORY MASON COM. BLDG. "CIRCLE K"

ASPH.

200 OAK

VOID

CANOPY w/ PUMPS

ASPH.

STA. 261+55
POLE NO. 144
CKT. B-2

EXIST. SWK.

150 WM

3 #6

CONC.

N 01° 18' 28" W

1 STORY BRICK COM. BLDG. "FARM CREDIT OF CENTRAL FLORIDA"

VOID

YUCCA

1.5 C.L.F.

SHRUBS

14" PINE

STA. 262±24
POLE NO. 145
CKT. B-2

EXIST. SWK.

3 #6

150 WM

262

℄ SURVEY

VOID

30

MATCH LINE STA. 261+20 SEE SHEET L-29

MATCH LINE STA. 262+40 SEE SHEET L-31

150 WM

EXIST. SWK.

BT

℄

150 WM

"WINDEMERE" MANUFACTURED HOUSING DISPLAY LOT

MANUFACTURED HOUSING ON DISPLAY - LOCATIONS VARY

ASPH.

VOID

M.S.E. BLD N

LAKE PARKER AVE.

BT(3)

EXIST. SWK.

50 WM

CANOPY

VOID

CANOPY

1 STORY PREFAB. MASON COM. BLDG. "AMOCO"

1:400

0 2.0 10.0

Meters

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-30

S.R. 546 (U.S. 92)

LAKE PARKER AVE.

1 STORY MASON COM. BLDG. "CIRCLE K"

1 STORY BRICK COM. BLDG. "FARM CREDIT OF CENTRAL FLORIDA"

CANOPY w/ PUMPS

ASPH.

200 OAK

150 WM

STA. 261+55
POLE NO. 144
CKT. B-2

EXIST. SWK.

CONC.

3 #6

STA. 262+24
POLE NO. 145
CKT. B/2 BB-1

14" PINE

SHRUBS

YUCCA

I.S.G.T.F.

262

℄ SURVEY

N 0° 18' 28" W

N 0° 18' 30" W

MATCH LINE STA. 261+20 SEE SHEET L-29

MATCH LINE STA. 262+40 SEE SHEET L-31

BT

BT(3)

OE

50 WM

"WINDEMERE" MANUFACTURED HOUSING DISPLAY LOT

MANUFACTURED HOUSING ON DISPLAY - LOCATIONS VARY

CANOPY

1 STORY PREFAB. MASON COM. BLDG. "AMOCO"

0 2.0 10.0
Meters

E. Davis 08/08/00
For Construction
Revision #1

* REMOVED LUMINAIRE & BRACKET ARM ONLY

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	EAG	⚠ REMOVED CONDUCTORS REVISED CKT NUMBER									

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-31

S.R. 546 (U.S. 92)

TREES
EXIST. FENCE
EXIST. FENCE
1 STORY BRICK MOTEL BLDG.
"ECONOMY INN OF LAKELAND"
VOID
SHRUBS
PALMS
CITRUS
POOL
OAKS
1 STORY MASONRY BLDG.
"MOTEL OFFICE"
VOID
TREES
1.2 C.L.F.
ASPH.
STA. 262+93
POLE NO. 146
CKT. B-2
EXIST. FENCE
OAKS
SIGN
EXIST. SWK.
ASPH.
1.2 C.L.F.
3 #6
CONC.
3 #6
150 WM
150 WM
263
℄ SURVEY
30
VOID
VOID
MATCH LINE STA. 262+40 SEE SHEET L-30
MATCH LINE STA. 263+60 SEE SHEET L-32
CONC.
EXIST. SWK.
OE
OE
PALM
PLANTER
SHRUBS
FORTNER AVE.
N 0°16'21"W
CANOPY
ASPH.
VOID
1 STORY BLOCK COM. REST.
"JIMBO'S PIT BAR B-Q"
VOID
1½ STORY WOOD COM. REST.
"RED FOX GRILL"

0 2.0 10.0
Meters

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
DATE
DATE

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-31

S.R. 546 (U.S. 92)

TREES

EXIST. FENCE

EXIST. FENCE

1 STORY BRICK MOTEL BLDG. "ECONOMY INN OF LAKELAND"

PALMS

SHRUBS

CITRUS

POOL

OAKS

1 STORY MASONRY BLDG. "MOTEL OFFICE"

TREES

1.2 C.L.F.

STA. 262+93
POLE NO. 146
CKT. B~~2~~BB-1

ASPH.

3 #6

OAKS

SIGN

3 #6

EXIST. FENCE

EXIST. SWK.

1.2 C.L.F.

ASPH.

OE

CONC.

150 WM

150 WM

263

℄ SURVEY

30

MATCH LINE STA. 262+40 SEE SHEET L-30

MATCH LINE STA. 263+60 SEE SHEET L-32

OE

CONC.

EXIST. SWK.

OE

PALM

PLANTER

SHRUB

FORTNER AVE.
N 0° 16' 21" W

CANOPY

ASPH.

1 STORY BLOCK COM. REST. "JIMBO'S PIT BAR B-Q"

1½ STORY WOOD COM. REST. "RED FOX GRILL"

0 2.0 10.0
Meters

Ellen Hanis
08/08/00
For Construction
Revision #1

* REMOVED LUMINAIRE & BRACKET ARM ONLY

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	EAG	⚠ REVISED CKT NUMBER									

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-32

S.R. 546 (U.S. 92)

610 OAK

2 STORY CONC. BLK. COM. BLDG. "MUSIC SHOP"

2 STORY FRAME COM. BLDG. "STEVE'S STEREO AND ELECTRONICS"

1 STORY CONC. BLK. COM. BLDG. "CORNERSTONE CHRISTIAN BOOKSTORE"

CANOPY

1 STORY FRAME REST. BLDG. "RED LOBSTER"

PALMS

18 WOOD PALM

OAK

SHRUBS

CANOPY

OAK

VOID

N

0 2.0 10.0 Meters

L & C.L.F.

BILLBOARD

STA. 263+62
POLE NO. 147
CKT. B-2

3 #6

EXIST. SWK.

150 WM

CONC.

STA. 264+19
POLE NO. 148
CKT. C-1

SHRUBS

250 OAK

1.2 C.L.F.

ASPH.

ASPH.

STA. 264+88
POLE NO. 149
CKT. C-1

OAK

50 GM

3 #6

EXIST. SWK.

150 WM

3 #6

264

S66°45'50"E

℄ SURVEY

VOID

MATCH LINE STA. 263+60 SEE SHEET L-31

MATCH LINE STA. 265+00 SEE SHEET L-33

50 WM

50 GM

CONC.

OE

EXIST. SWK.

150 WM

50 WM

PALM

150 OAK

TREES

VOID

1 STORY BRICK COM. BLDG. "VACANT REST."

BS SIGN

SHRUBS

4 PALMS

200 SAN

10 OAKS

ASPH.

BUDDWOOD AVE.

N 48°42'56"E

200 SAN

EXIST. SWK.

VOID

RIGHT

50 GM

50 WM

GOLCONDA RD.

VOID

VOID

VOID

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-32

S.R. 546 (U.S. 92)

610 OAK

2 STORY CONC. BLK. COM. BLDG. "MUSIC SHOP"

2 STORY FRAME COM. BLDG. "STEVE'S STEREO AND ELECTRONICS"

1 STORY FRAME REST. BLDG. "RED LOBSTER"

PALMS, 1.8 WOOD, PALM, SHRUBS, CANOPY, OAK, OAK

1 STORY CONC. BLK. COM. BLDG. "CORNERSTONE CHRISTIAN BOOKSTORE"

CANOPY

ASPH.

SERVICE FEEDER

SERVICE POLE

STA. 263+62
POLE NO. 147
CKT. B-2 BB-1

STA. 264+19
POLE NO. 148
CKT. C-1 BB-1

STA. 264+88
POLE NO. 149
CKT. C-1 BB-2

1.2 C.L.F.

BILLBOARD

3 #6

3 #6

3 #6

3 #6

5 #6

250 OAK

SHRUBS

EXIST. SWK.

150 WM

CONC.

DIRECTIONAL BORE

264

℄ SURVEY

S66°45'50"E

P.I.

OE

50 GM

LOAD CENTER "BB" - STA. 264+41, 17.0 LT.
120 / 240 VOLT PHASE TO PHASE
50 AMP 2 POLE MAIN BREAKER
CIRCUIT 1 - 20 AMP, 2 POLE BREAKER
CIRCUIT 2 - 20 AMP, 2 POLE BREAKER
PHOTO ELECTRIC CONTROL REQUIRED

NA

MATCH LINE STA. 263+60 SEE SHEET L-31

MATCH LINE STA. 265+00 SEE SHEET L-33

CONC.

OE

EXIST. SWK.

150 WM

50 WM

BS SIGN

SHRUBS

4 PALMS

200 SAN

10 OAKS

ASPH.

EXIST. SWK.

BUDDWOOD AVE.

N 48° 42' 56" E

200 SAN

EXIST. SWK.

150 WM

PALM

150 OAK

50 WM

ASPH.

1 STORY BRICK COM. BLDG. "VACANT REST."

TREES

TREES

BILLBOARD

50 GM

GOLCONDA RD.

* REMOVED LUMINAIRE & BRACKET ARM ONLY

0 2.0 10.0
Meters

14°00'

N

Ethel Daniell
08/08/00
For Const.
Revision #1

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	EAG	⚠ ADDED LOAD CENTER ADDED DIRECTIONAL BORE REVISED CKT NUMBERS									

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-33

S.R. 546 (U.S. 92)

LAKE PARKER

1 STORY FRAME REST. BLDG. "RED LOBSTER"

2-150 OAKS

ELMS

PT Sta 30+45.959

PC Sta 30+33.468

BEACH DR.

EDGEWATER DR.

N 23°34'04"E

ASPH.

150 WM

150 FM

EXIST. SWK.

50 WM

CYPRESS

LARGE GROUP OF PALMS

VOID

STA. 265+57
POLE NO. 150
CKT. C-1

STA. 266+25
POLE NO. 151
CKT. C-1

3 #6

VOID

266

℄ SURVEY

S66°45'50"E

30

OE

N 48°41'44"E

GOLCONDA RD.

BILLBOARD

4200 CAMPHOR

250 OAK

910

MATCH LINE STA. 265+00 SEE SHEET L-32

MATCH LINE STA. 266+40 SEE SHEET L-34

0 2.0 10.0
Meters

1/12/99

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-33

S.R. 546 (U.S. 92)

LAKE PARKER

CYPRESS

CYPRESS

CYPRESS

LARGE GROUP OF PALMS

0 2.0 10.0
Meters

1 STORY FRAME REST. BLDG. "RED LOBSTER"

2-150 OAKS

ELMS

PT Sta 30+45.959

PC Sta 30+33.468

EDGEWATER BEACH DR.

N 23° 34' 04" E

ASPH.

EXIST. SWK.

50 WM

150 WM

150 FM

3 #6

STA. 265+57
POLE NO. 150
CKT. C-1 BB-2

STA. 266+25
POLE NO. 151
CKT. C-1

EXIST. SWK.

266

℄ SURVEY

S66°45'50"E

30

OE

MATCH LINE STA. 265+00 SEE SHEET L-32

MATCH LINE STA. 266+40 SEE SHEET L-34

N 48° 41' 44" E

4200 CAMPHOR

250 OAK

BILLBOARD

GOLCONDA RD.

* REMOVED LUMINARE & BRACKET ARM ONLY

Elvin Davis
08/08/00
for Construction
Revision #1

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	EAG	⚠ REVISED CKT NUMBER REMOVED CONDUCTORS									

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

Project: T:\Projects\9504\PLANTS\2500N Date: Jul 24, 2000 - 15:43:33 User: ...

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-34

S.R. 546 (U.S. 92)

LAKE PARKER

NORTH

0 2.0 10.0
Meters

EXIST. FENCE
EXIST. HEADWALL
CYPRESS
STA. 266+87
POLE NO. 152
CKT. C-1
STA. 267+61
POLE NO. 153
CKT. C-1
3 #6
150 FM
BT
267
℄ SURVEY
S66°45'50"E
PC
MATCH LINE STA. 266+40 SEE SHEET L-33
MATCH LINE STA. 267+80 SEE SHEET L-35
POT STA 30+00.000
OE
200 WM
300 WM
EXIST. SWK.
EXIST. 300 WM
N. GARY RD.
N 01°19'15" W
HIGH BILLBOARD
610 OAK
760 OAK
915 OAK
ASPH.
PASTORS BRICK BLDG.
"PENINSULAR FLORIDA DISTRICT CHURCH ASSEMBLIES OF GOD"

1/12/99

* REMOVED LUMINARE & BRACKET ARM ONLY

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
CHECKED CORRECT; NO CHANGES REQ'D
DATE
DESIGNER/TRAFFIC ENGINEER
DATE
O.K. BACK CHECKER (Green Check or Circle & Initial)
DATE

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

S.R. 546 (U.S. 92)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-35

LAKE PARKER

1:400

0 2.0 10.0

Meters

MATCH LINE STA. 287+80 SEE SHEET L-34

MATCH LINE STA. 269+20 SEE SHEET L-36

STA. 268+35
POLE NO. 154
CKT. C-1

STA. 269+09
POLE NO. 155
CKT. C-1

EXIST HEADWALL

CYPRESS

CYPRESS

CYPRESS

3 #6

3 #6

3 #6

300 WILLOW

268

269

℄ SURVEY

CONC.

300 WM

OE

CONC.

300 WM

OE

300 WM

SHRUB

SHRUB

SHRUBS

CONC.

CONC.

ASPH.

EXIST. SWK.

EXIST. SWK.

ASPH.

1 STORY BLDG.

300 OAK

300 OAK

1 STORY BRICK COM. BLDG.

"BETTER BUSINESS SERVICES"

"TAXES, BOOKS, PAYROLL"

1 STORY BRICK RES.

"PACE MEMORIAL"

* REMOVED LUMINAIRE & BRACKET ARM ONLY

1/12/99

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

AQUA-LITE CONTROL QUALITY ASSURANCE REVIEW
Approved for Construction
D.O.T. Staff Checker (Green Check or Circle & Approx Incorrect) DATE
D.O.T. Checked Corrections Incorporated DATE

S.R. 546 (U.S. 92)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-36

1:400

0 2.0 10.0

Meters

LAKE PARKER

EXIST. DOCK LOW WOOD

STA. 269+83
POLE NO. 156
CKT. C-1

WILLOW

STA. 270+57
POLE NO. 157
CKT. C-1

3 #4

3 #6

3 #6

℄ SURVEY

270

PT

N82°13'33"E

30

MATCH LINE STA. 269+20 SEE SHEET L-35

MATCH LINE STA. 270+60 SEE SHEET L-37

300 WM

CONC.

300 WM

300 WM

OE

OE

OE

EXIST. SWK.

EXIST. SWK.

1 STORY
CONC. BLK.
COM. BLDG.

"PHOTOGRAPHS
BY
ROBERT WOOD"

2 STORY
CONC. BLK./STONE
MOTEL BLDG.

"RED CARPET INN"

ASPH.

EXIST. FENCE

PALM

POOL

PALMS

PALMS

PALMS

EXIST. SWK.

INTERLACHEN RD.

610 MAGNOLIA

610 MAGNOLIA

N. 01°19'00" W.

SS

WM

OS

* QUALITY CONTROL/QUALITY ASSURANCE REVIEW

* REMOVED LUMINAIRE & BRACKET ARM ONLY

1/12/99

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

S.R. 546 (U.S. 92)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-37

LAKE PARKER

1:400

0 2.0 10.0

Meters

EXIST. HEADWALL

STA. 271+31
POLE NO. 158
CKT. C-1

3 #4

271

℄ SURVEY

3 #4

O.E.

MATCH LINE STA. 270+60 SEE SHEET L-36

MATCH LINE STA. 272+00 SEE SHEET L-38

300 W.M.

300 W.M.

300 W.M.

150 W.M.

300 W.M.

EXIST. SWK.

3 #4

LOAD CENTER "C" - STA. 271+41. 12.5 RT.
120/240 VOLT PHASE TO PHASE
50 AMP. 2 POLE MAIN BREAKER
CIRCUIT 1 - 20 AMP. 2 POLE MAIN BREAKER
CIRCUIT 2 - 20 AMP. 2 POLE MAIN BREAKER
PHOTOELECTRIC CONTROL REQUIRED

ASPH.

PALM

PALM

PALM

EXIST. SWK.

INTERLACHEN RD.

915 OAK

1 STORY FRAME RES.

4' C.L. FENCE

FRAME GARAGE

1 STORY CONC. BLK. RES.

* REMOVED LUMINAIRE & BRACKET ARM ONLY

1/12/99

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
DATE
DATE

S.R. 546 (U.S. 92)

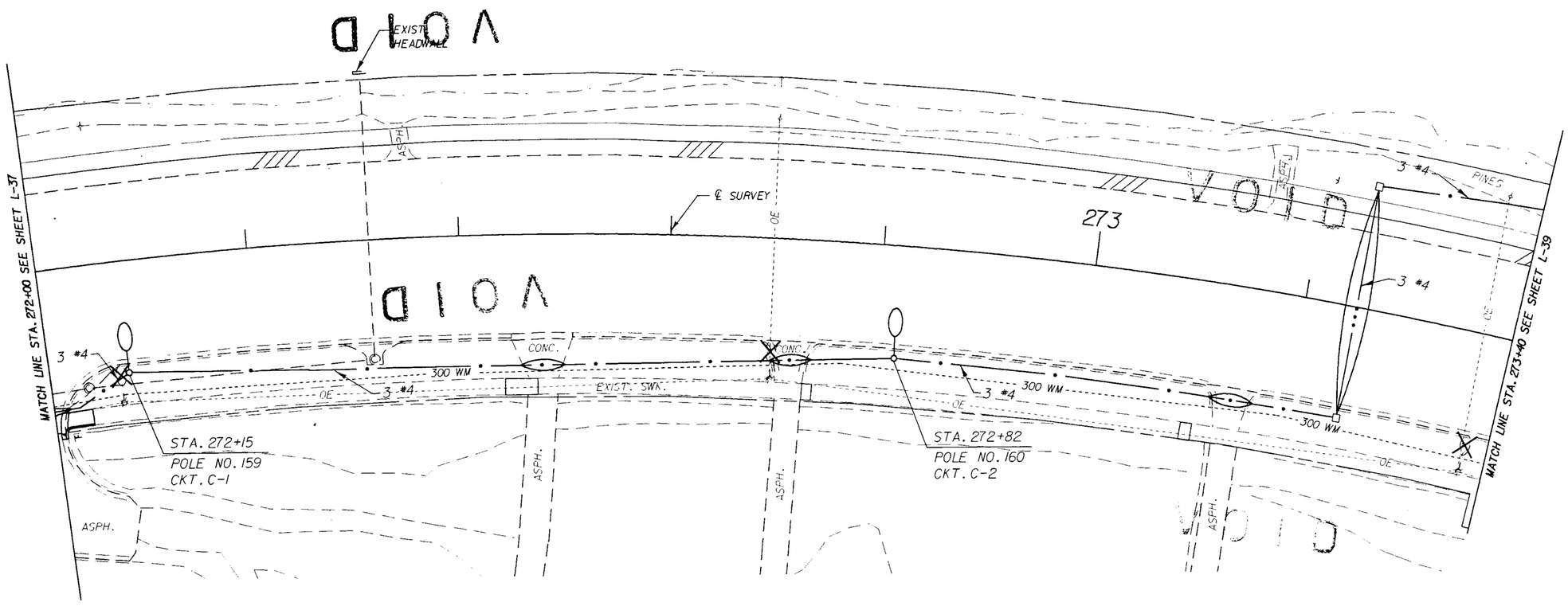
FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-38

LAKE PARKER

VOID

N 1"=100'

0 2.0 10.0
Meters



1/12/99

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

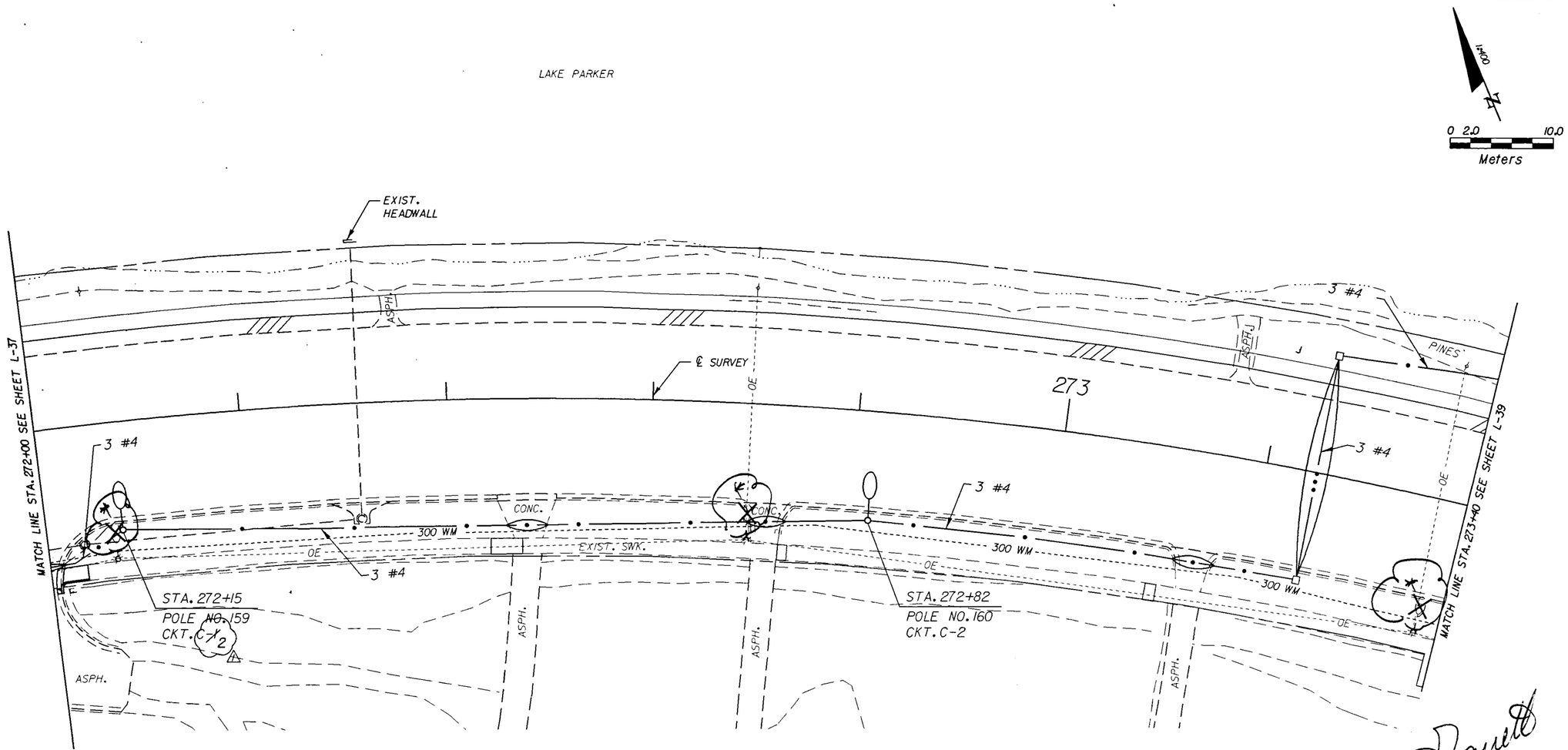
LIGHTING PLAN

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
D.C. CHECKED
D.C. CHECKED

S.R. 546 (U.S. 92)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-38

LAKE PARKER



0 2.0 10.0
Meters

Eddie Daniels
08/08/00
For Construction
Revision #1

* REMOVED LUMINARE & BRACKET ARM ONLY

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	EAG	⚠ REVISED CKT NUMBER									

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

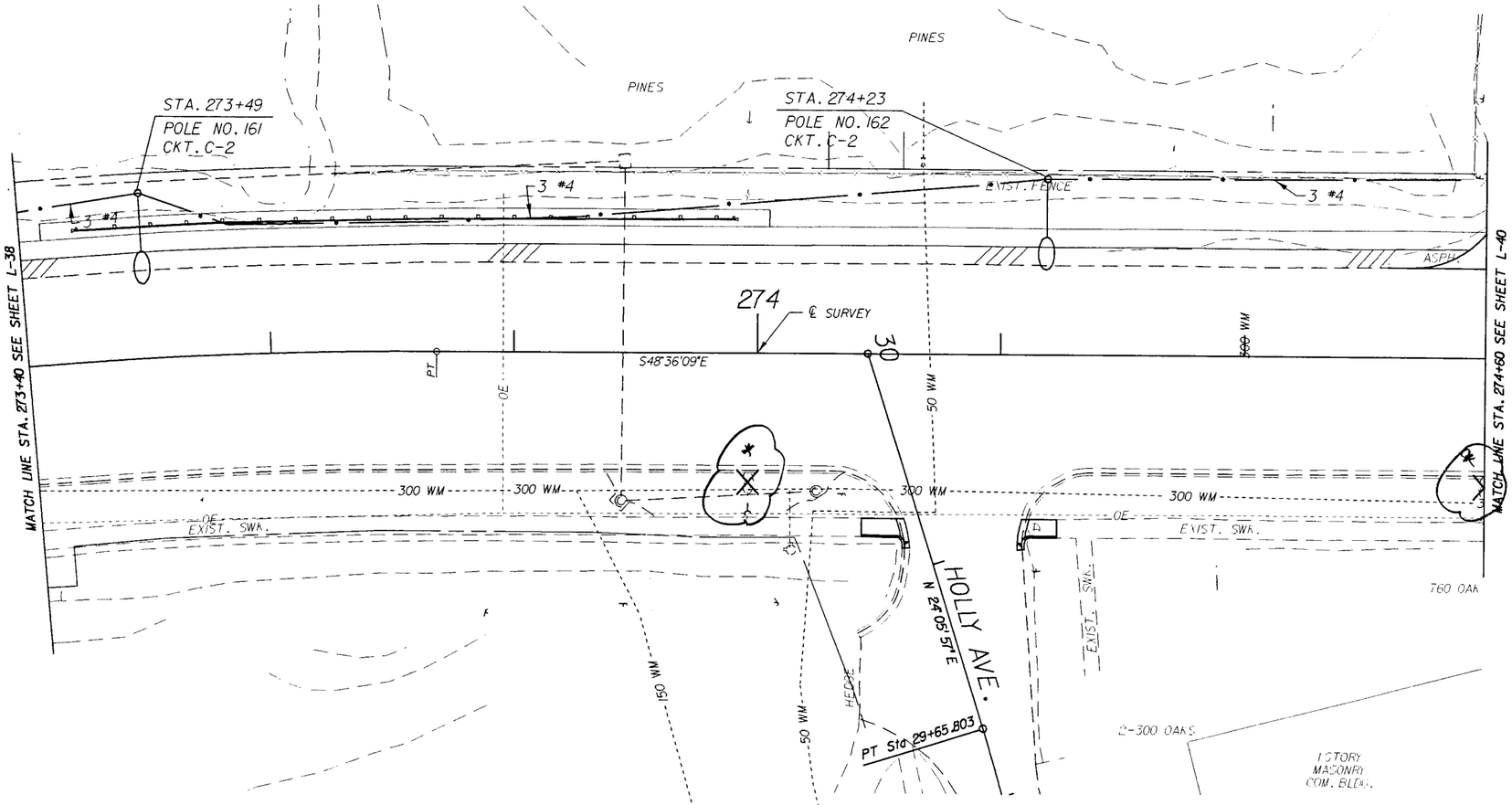
LIGHTING PLAN

S.R. 546 (U.S. 92)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-39

1"=40'

0 2.0 10.0
Meters



*REMOVED LUMINAIRE & BRACKET ARM ONLY

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
DES. CHECKED (Correct all to Change Req.)
DATE
DRAWN BY CHECKED (Check all Circle & Remark Incorrect)
DATE
RECOMMENDED (Traffic Engineer)
DATE

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

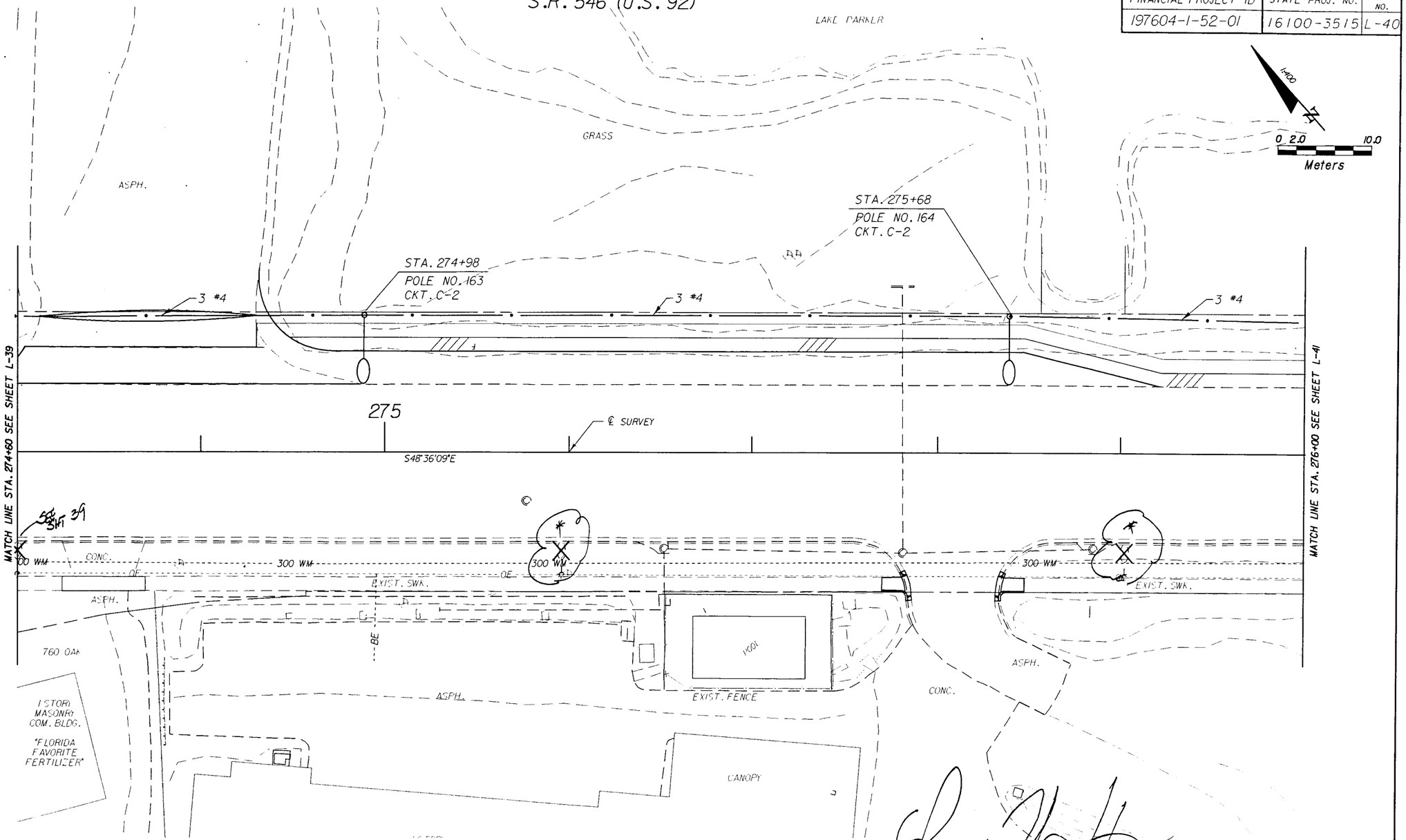
FLORIDA DEPARTMENT OF TRANSPORTATION

1/12/99

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-40

S.R. 546 (U.S. 92)



* REMOVED LUMINAIRE & BRACKET ARM ONLY

1/12/99

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
Approved for Bidding
DATE
D.C.C. CHECKED (Correct relative to Orange Road)
DATE
D.C.C. BACK CHECKED (Check of Circle & Range Increases)
DATE
INCORPORATION (Title Right of Way)
DATE

S.R. 546 (U.S. 92)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-41

1"=100'

0 2.0 10.0
Meters

LAKE PARKER

GRASS

STA. 276+42
POLE NO. 165
CKT. C-2

3 #4

277

℄ SURVEY

PC

S48°36'09"E

S48°36'09"E

3 #4

MATCH LINE STA. 276+00 SEE SHEET L-40

MATCH LINE STA. 277+40 SEE SHEET L-42

300 WM

3 #4

COND.

300 WM

3 #4

EXIST. SWK.

OE

PALM

STA. 277+00
POLE NO. 166
CKT. C-2

OLD SIGN BASE

LSC-3-32492

ASPH.

1 STORY MASONRY COM. BLDG.
"PAPA JOHN'S"
YAMAHA & KAWASAKI
"FLORIDA'A FUN BIKE CENTER"

* REMOVED LUMINAIRE & BRACKET ARM ONLY

1/12/99

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-42

S.R. 546 (U.S. 92)

MATCH LINE STA. 277+40 SEE SHEET L-41

MATCH LINE STA. 278+80 SEE SHEET L-43

VOID

278

℄ SURVEY

300 WM

3 #4

300 WM (IN 400 STEEL CASING)

STA. 277+56
POLE NO. 167
CKT. C-2

STA. 278+11
POLE NO. 168
CKT. C-2

STA. 278+64
POLE NO. 169
CKT. C-2

PT Sta 29+89.709

EXIST. SWK.

ASPH.

SHRUBS

PALMS

SLAB

PALM

610 OAK

1 STORY MASONRY COM. BLDG. "TACO BELL"

GRASS

TREE "E" CURB

ASPHALT

E. GARY RD.

TO BE REMOVED & PLUGGED AT GRATE INLET

EXIST. CURB

EXIST. 450 RCP

EXIST. GRATE INLET

TO BE REMOVED BY OTHERS

1:400

0 2.0 10.0

Meters

1/2/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

	DATE
Designed -	
Drawn -	
Checked -	
QC - Checked (Correction Completed)	

REVISIONS

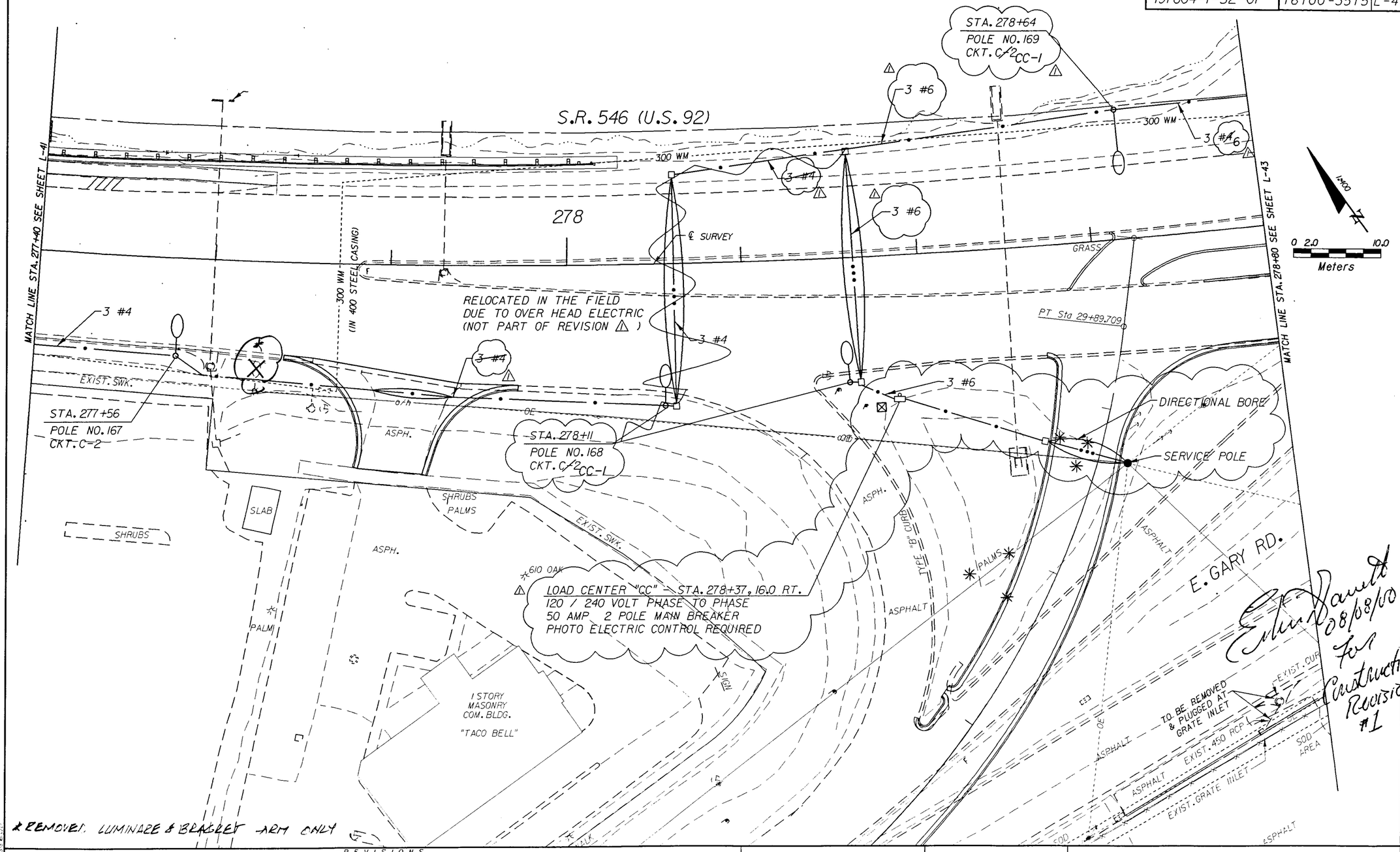
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Kolter, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-42



& REMOVE LUMINAIRE & BRACKET ARM ONLY

Erin Daniels 08/08/00 For Construction Revision #1

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	EAG	△ REVISED CONDUCTORS ADDED LOAD CENTER ADDED DIRECTIONAL BORE	07/18/00	EAG	△ REVISED CKT NUMBERS						

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

PLOTTED: 8/8/2000 8:45:40 AM
FILE: K:\D5\260\P\PLN\L34.DGN
CONSENT OF SIGNATURE

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-43

END LIGHTING
STA. 280+15.000

STA. 280+15
POLE NO. 171
CKT. C-2

STA. 279+38
POLE NO. 170
CKT. C-2

S.R. 546 (U.S. 92)

CONC. BLOCK WALL

HEDGE

POWER PLANT EQUIPMENT

RADIO TOWER

ASPHALT

VOID

VOID

VOID

VOID

VOID

3 #4

300 WM

150 WM

500 WM

OE

Sign

279

280

29

S 85°00'19" E

MATCH LINE STA. 278+80 SEE SHEET L-42

LOCATED (S)

E. GARY RD.

0 2.0 10.0
Meters

1:400

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
DESIGNED
DATE
DRAWN
DATE
CHECKED
DATE

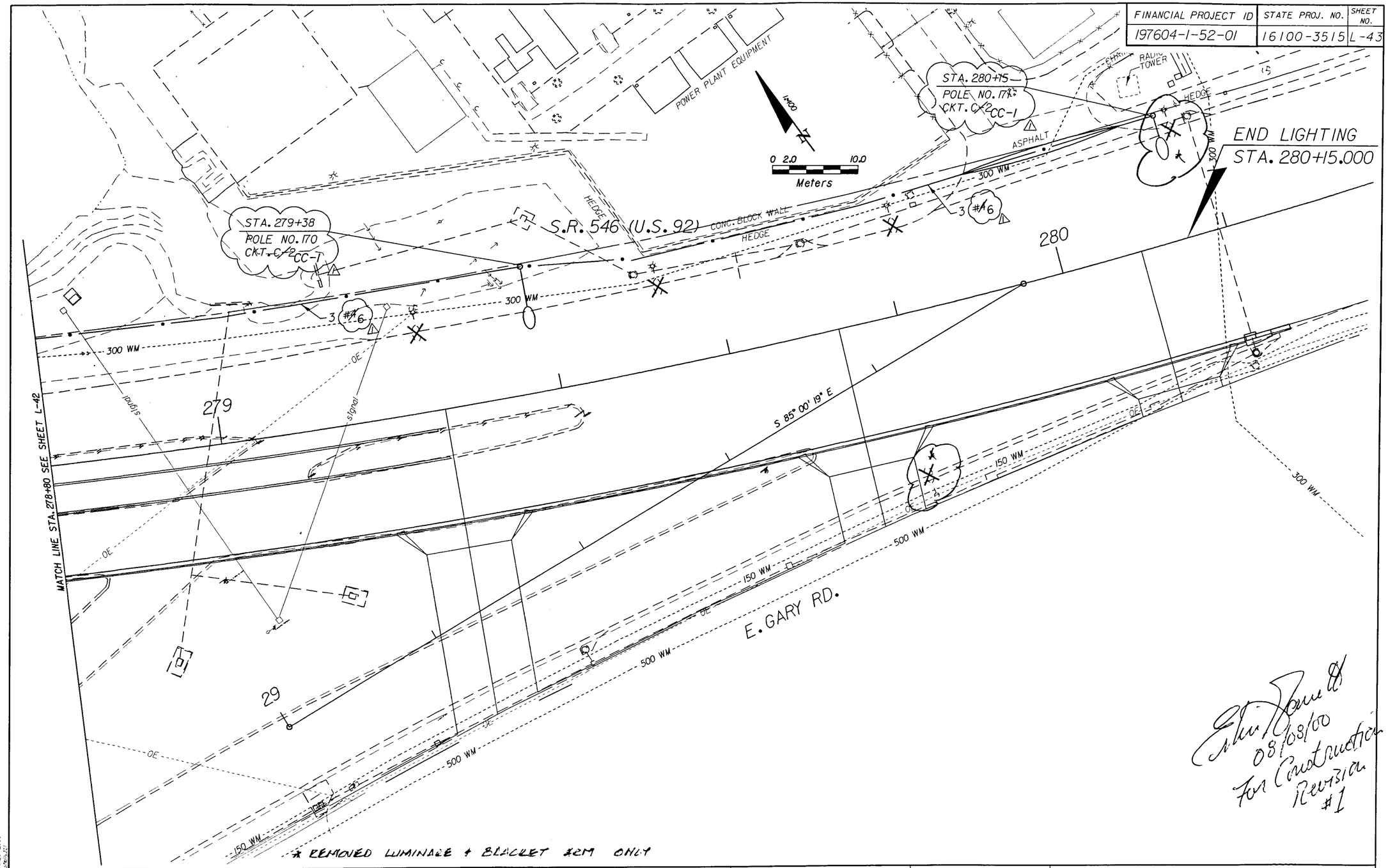
REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	L-43



★ REMOVED LUMINAIRE & BRACKET #2M ONLY

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/18/00	EAG	⚠ REVISED CONDUCTOR SIZE REVISED CKT NUMBERS									

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

Eldon Davis
08/08/00
For Construction
Revision #1

FISCAL YEAR	SHEET NO.
99	S-1

W.P.I. NO. 1118496

VOID VOID VOID VOID VOID

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

PLANS OF PROPOSED
STATE HIGHWAY

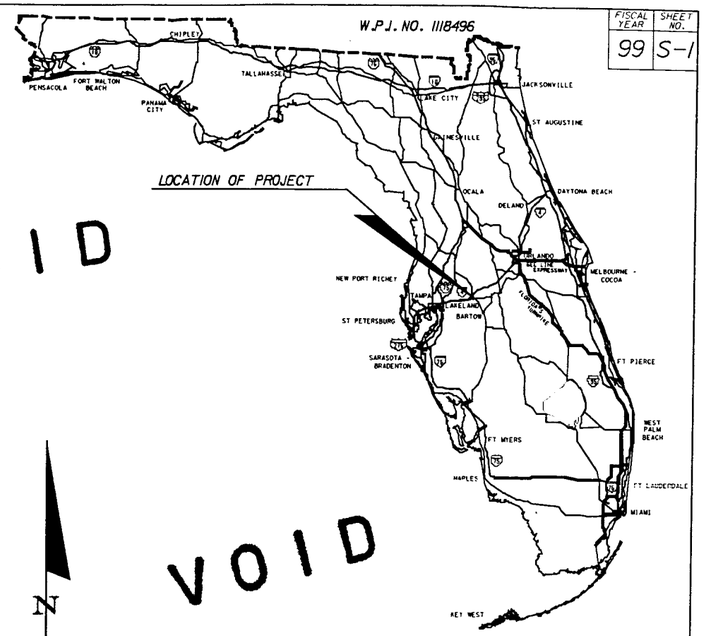
FINANCIAL PROJECT ID 197604-1-52-01

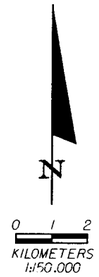
STATE PROJECT NO. 16100-3515 (FEDERAL FUNDS)

POLK COUNTY

STATE ROAD NO. 546 (U.S. 92)

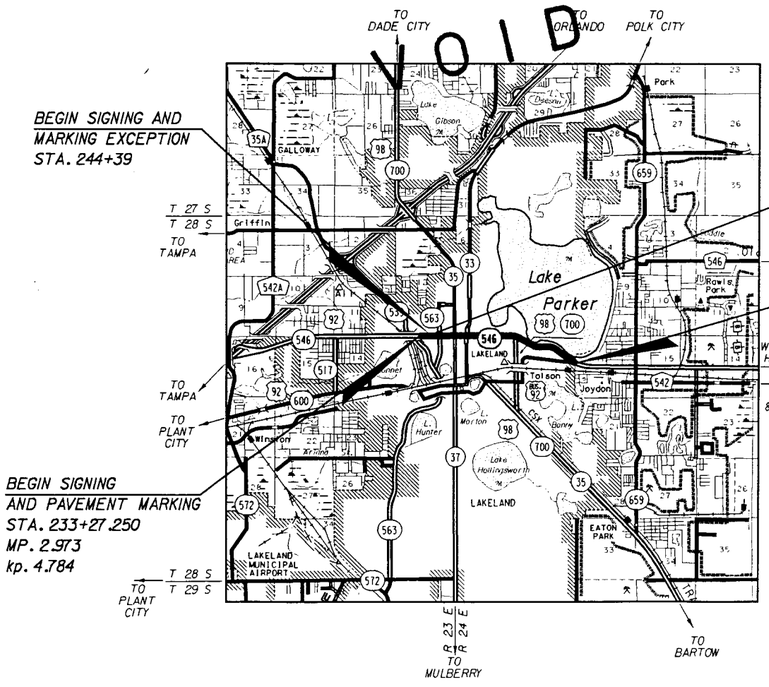
SIGNING & PAVEMENT MARKING PLANS





INDEX OF SIGNING & PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2 - S-5	TABULATION OF QUANTITIES
S-6	GENERAL NOTES
S-7 - S-47	SIGNING & PAVEMENT MARKING PLAN SHEETS
S-48 - S-50	GUIDE SIGN WORKSHEET DETAILS



THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, ROADWAY AND TRAFFIC DESIGN STANDARDS (BOOKLET DATED JANUARY, 1998).

16100-3515

FDOT PROJECT MANAGER : J.R. MacCalla, Jr.

NOTE: THIS IS A METRIC UNIT PROJECT

REVISIONS		
DATE	BY	DESCRIPTION

PLANS PREPARED BY

FALLER, DAVIS & ASSOCIATES, INC.
550 N. REO STREET
SUITE 301
TAMPA, FLORIDA 33609
VENDOR No. F592594956001

THESE PLANS ARE DESIGNED TO MEET FDOT R-R-R CRITERIA.

NOTE: THIS PROJECT TO BE LET TO CONTRACT WITH FINANCIAL PROJECT NO. 197609-1-52-01

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ALTERED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

GOVERNING SPECIFICATIONS: STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS, DATED 1999 AND SUPPLEMENTS AND SPECIAL PROVISIONS THERETO IF NOTED IN THE CONTRACT SPECIFICATIONS FOR THIS PROJECT.

SIGNING & PAVEMENT MARKING PLANS ENGINEER OF RECORD: LAWRENCE THOMAS WAGE N, P.E.

DATE: 4/12/99

P.E. NO.: 43968

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

FISCAL YEAR	SHEET NO.
99	S-1

W.P.I. NO. 1118496

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
FINAL PLANS
~~PLANS OF PROPOSED~~
STATE HIGHWAY

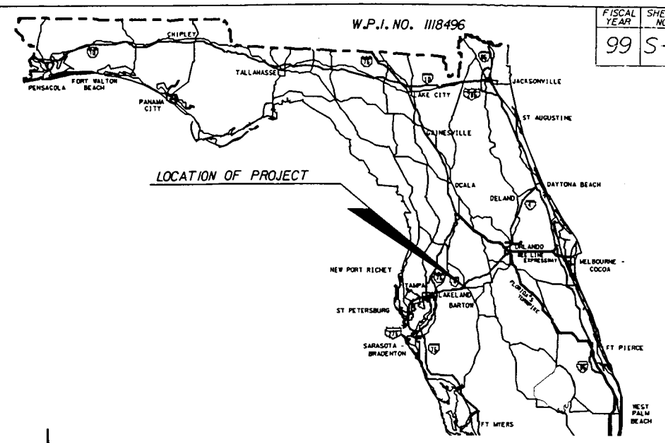
FINANCIAL PROJECT ID 197604-1-52-01

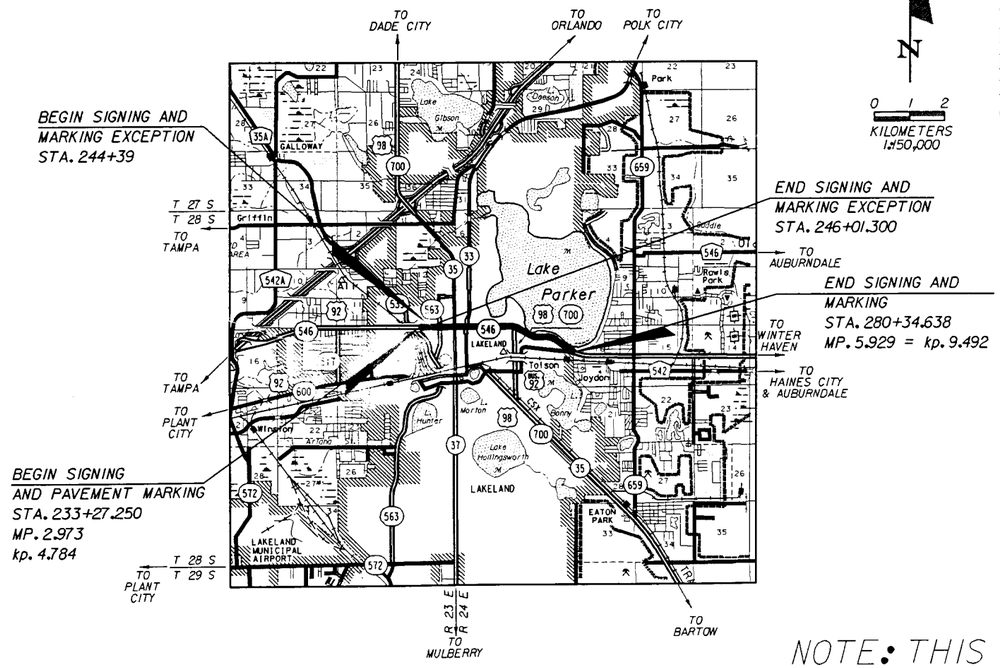
STATE PROJECT NO. 16100-3515 (FEDERAL FUNDS)

POLK COUNTY

STATE ROAD NO. 546 (U.S. 92)

SIGNING & PAVEMENT MARKING PLANS





N

0 1 2
KILOMETERS
1:50,000

INDEX OF SIGNING & PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2 - S-5	TABULATION OF QUANTITIES
S-6	GENERAL NOTES
S-7 - S-47	SIGNING & PAVEMENT MARKING PLAN SHEETS
S-48 - S-50	GUIDE SIGN WORKSHEET DETAILS

Contractor:	**APAC of Fla., Inc.**
Design Consultant:	**Faller, Davis & Assoc., Inc.**
CEI Consultant:	**MK Centennial**
District Secretary:	**David Twiddy, Jr. P.E.**
Resident Engineer:	**Jonathan Sands, P.E.**
Project Engineer:	**George D. McClintock**
Conditional Acceptance:	**December 18, 2000**

PLANS PREPARED BY

FALLER, DAVIS & ASSOCIATES, INC.
550 N. REO STREET
SUITE 301
TAMPA, FLORIDA 33609
VENDOR No. F592594956001

THESE PLANS ARE DESIGNED TO MEET FDOT R-R-R CRITERIA.

NOTE: THIS PROJECT TO BE LET TO CONTRACT WITH FINANCIAL PROJECT NO. 197609-1-52-01

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ALTERED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

GOVERNING SPECIFICATIONS: STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS, DATED 1999 AND SUPPLEMENTS AND SPECIAL PROVISIONS THERETO IF NOTED IN THE CONTRACT SPECIFICATIONS FOR THIS PROJECT.

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, ROADWAY AND TRAFFIC DESIGN STANDARDS (BOOKLET DATED JANUARY, 1998).

REVISIONS

2 REVISED 10/24/00
TABULATION OF QUANTITIES, SHEETS S-4 AND S-5
SIGNING AND PAVEMENT MARKING SHEET S-32

16100-3515

NOTE: THIS IS A METRIC UNIT PROJECT

REVISIONS		
DATE	BY	DESCRIPTION

SIGNING & PAVEMENT MARKING PLANS
ENGINEER OF RECORD _____ LAWRENCE THOMAS HAGEN, P.E.
DATE: _____
P.E. NO.: 43968

FDOT PROJECT MANAGER : J.R. MacCalla, Jr.

10/25/00
For Construction
Add'l Sht. #2

QUALITY CONTROL/QUALITY ASSURANCE REVIEW		
ORIGINATOR: CONCURRENCE THRU CHAIN TO CONCEPT TEAM LEADER	DATE	
CHANGE INCORPORATION (Yellow Highlighter)	DATE	
O.C. BACK CHECKER (Green Check on Circle & Remark Incorporated)	DATE	

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-2

TABULATION OF QUANTITIES

BID ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																								TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET
			S-7		S-8		S-9		S-10		S-11		S-12		S-13		S-14		S-15		S-16		S-17		S-18						
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	
2700-40-1	SIGN SINGLE POST	AS																													
	M2-1 (375x525), FTP28 (600x600)	AS															1	1													
	M4-6 (300x600), R3-9B (900x600)	AS																													
	RI-1 (900x900)	AS																													
	RI-1 (900x900), FTP-1 (750x600)	AS					2	2	1	1	3	3	2	2			3	3			1	1	3	3							
	RI-1 (900x900), R3-2 (600x600)	AS																													
	RI-2 (900x900x900)	AS																													
	R3-2 (600x600)	AS																													
	R3-3 (600x600), R4-7 (750x600)	AS																													
	R3-7R (750x750)	AS					1	1															1	1			23	23			
	R3-9B (900x600)	AS																													
	R4-7 (750x600)	AS																													
	R5-1 (750x750)	AS															2	2													
	R7-1S (450x300)	AS																													
	S1-1 (750x750)	AS					1	1									1	1													
	S2-1 (750x750)	AS							1	1																					
	W3-3 (900x900)	AS																													
	SIGN NO. 9	AS																													
2700-41-10	SIGN MULTI-POST	AS																									-				
2700-46-11	SIGN SINGLE POST (REMOVE)	AS					4	3	2	2	3	3	12	1	1	0	5	5			1	1	4	4			17	19			
2700-46-12	SIGN MULTI-POST (REMOVE)	AS																									-				
2700-46-21	SIGN SINGLE POST (RELOCATE)	AS							1	1				0	5				0	1	0	1	-		0	4	1	12			
2700-47-1	SIGN INSTALL EXISTING ON BREAKAWAY SUPPORT	AS											1		3		2		1				2		4		13				
2700-48-18	SIGN PANEL	EA																									-				
2705-71	TUBULAR DELINEATOR (FLEXIBLE)	EA					3	2			8	1	2	1			6	4									12	8			
2706-3	RETRO-REFLECTIVE PAVEMENT MARKER (MONO-DIRECTIONAL COLORLESS)	EA	13		22		39		70		51		51		89		46		24		43		62		76						
	RETRO-REFLECTIVE PAVEMENT MARKER (BI-DIRECTIONAL AMBER)	EA					8		18		8		12				16		4				16		4		704				
	RETRO-REFLECTIVE PAVEMENT MARKER (COLORLESS - RED)	EA													32																
2710-6	DIRECTIONAL ARROW, PAINT	EA					4		10		1		2		9		2		1		5		5		9		48				
2710-7	PAVEMENT MESSAGES, PAINT	EA					6		1		3		3				3								2		18				
2710-21	SKIP TRAFFIC STRIPE, PAINT, 150mm WHITE (3.0-9.0 SKIP)	GK	.150		.280		.296		.269		.560		.561		.361		.357		.237		.248		.537		.238						
	SKIP TRAFFIC STRIPE, PAINT, 150mm WHITE (1.8-3.0 SKIP)	GK					.038		.021																		4.153				
	SKIP TRAFFIC STRIPE, PAINT, 150mm WHITE (0.6-1.2 SKIP)	GK																													
2710-22	SKIP TRAFFIC STRIPE, PAINT, 150mm YELLOW (3.0-9.0 SKIP)	GK																													
	SKIP TRAFFIC STRIPE, PAINT, 150mm YELLOW (1.8-3.0 SKIP)	GK									.012		.008				.039										.059				
2710-23-61	SOLID TRAFFIC STRIPE, PAINT, WHITE (150mm)	NK	.146		.280		.233		.492		.228		.253		.500		.219		.117		.226		.284		.522		3.500				
2710-23-81	SOLID TRAFFIC STRIPE, PAINT, WHITE (200mm)	NK									.042				.277		.075				.052						.446				
2710-23-121	SOLID TRAFFIC STRIPE, PAINT, WHITE (300mm)	NK					.018		.211		.018		.020		.443		.018								.221		.949				
2710-24-61	SOLID TRAFFIC STRIPE, PAINT, YELLOW (150mm)	NK	.150		.280		.378		.399		.376		.453		.306		.458		.179		.147		.521		.315		3.962				
2710-24-181	SOLID TRAFFIC STRIPE, PAINT, YELLOW (450mm)	NK																									-				
2710-25-181	SOLID TRAFFIC STRIPE, PAINT, WHITE (450mm)	MI					1.0				1.2				65.9		2.1										70.2				
2710-25-241	SOLID TRAFFIC STRIPE, PAINT, WHITE (600mm)	MI					9.8		46.7		13.2		14.2		48.1		15.1		3.9				20.8		55.7		227.5				
2710-29	REFLECTIVE PAINT (ISLAND NOSE), WHITE	M2					0.3						0.3				0.6										1.2				
2710-30	REFLECTIVE PAINT (ISLAND NOSE), YELLOW	M2					0.6		1.2		0.6				2.4		1.2								1.2		7.2				
2711-7	REMOVE EXISTING PAVEMENT MARKINGS, THERMOPLASTIC	M2					6.0		53.1						108.9		12.0		14.4				46.3		93.0		333.7				

* SEE NOTE - PLAN SHEET 5-5

1/13/99

REVISIONS												
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	

Fuller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TABULATION OF QUANTITIES

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE

ORIG. SIGN CHECKED (Green Check or Circle & Number Incorrect)

ORIG. SIGN CHECKED (Red Correction/Change)

DATE

ORIG. SIGN CHECKED (Green Check or Circle & Number Incorrect)

ORIG. SIGN CHECKED (Red Correction/Change)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-3

TABULATION OF QUANTITIES

BID ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																						TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET
			S-19		S-20		S-21		S-22		S-23		S-24		S-25		S-26		S-27		S-28		S-29		S-30						
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	
2700-40-1	SIGN SINGLE POST	AS																											
	M2-1 (375x525), FTP28 (600x600)	AS	1	1																	0	1							
	M4-6 (300x600), R3-9B (900x600)	AS																											
	RI-1 (900x900)	AS																											
	RI-1 (900x900), FTP-1 (750x600)	AS	4	4							1	1											1	0	1	1			
	RI-1 (900x900), R3-2 (600x600)	AS																											
	RI-2 (900x900x900)	AS																											
	R3-2 (600x600)	AS																											
	R3-3 (600x600), R4-7 (750x600)	AS																							11	10			
	R3-7R (750x750)	AS																											
	R3-9B (900x600)	AS																											
	R4-7 (750x600)	AS																											
	R5-1 (750x750)	AS									2	2																	
	R7-1S (450x300)	AS																											
	S1-1 (750x750)	AS																											
	S2-1 (750x750)	AS																											
	W3-3 (900x900)	AS																											
	SIGN NO. 9	AS																					1						
2700-41-10	SIGN MULTI-POST	AS	2	2									1	1	1	1			2	2			0	1			6	7	
2700-46-11	SIGN SINGLE POST (REMOVE)	AS	7	7							1	1											2	2	1	1	11	11	
2700-46-12	SIGN MULTI-POST (REMOVE)	AS											1	1	1	1			2	2			0	1			4	5	
2700-46-21	SIGN SINGLE POST (RELOCATE)	AS																									-		
2700-47-1	SIGN INSTALL EXISTING ON BREAKAWAY SUPPORT	AS																									-		
2700-48-18	SIGN PANEL	EA																									-		
2705-71	TUBULAR DELINEATOR (FLEXIBLE)	EA			0	2	0	2	0	2	4	4					0	2									0	12	
2706-3	RETRO-REFLECTIVE PAVEMENT MARKER (MONO-DIRECTIONAL COLORLESS)	EA	22		39		36		38		56		43		51		32		33		56		23		33				
	RETRO-REFLECTIVE PAVEMENT MARKER (BI-DIRECTIONAL AMBER)	EA	16		8		4		8		4				4						34		4		4		570		
	RETRO-REFLECTIVE PAVEMENT MARKER (COLORLESS - RED)	EA																			22								
2710-6	DIRECTIONAL ARROW, PAINT	EA			5		4		7		6		8		8		2		3		10		1		2		56		
2710-7	PAVEMENT MESSAGES, PAINT	EA											2		1						1						4		
2710-21	SKIP TRAFFIC STRIPE, PAINT, 150mm WHITE (3.0-9.0 SKIP)	GK	.280		.280		.280		.175		.376		.188		.111		.280		.241		.100		.241		.280				
	SKIP TRAFFIC STRIPE, PAINT, 150mm WHITE (1.8-3.0 SKIP)	GK									.025		.048														2.974		
	SKIP TRAFFIC STRIPE, PAINT, 150mm WHITE (0.6-1.2 SKIP)	GK							.029												.040								
2710-22	SKIP TRAFFIC STRIPE, PAINT, 150mm YELLOW (3.0-9.0 SKIP)	GK																											
	SKIP TRAFFIC STRIPE, PAINT, 150mm YELLOW (1.8-3.0 SKIP)	GK			.049		.051		.056		.039						.019										.214		
2710-23-61	SOLID TRAFFIC STRIPE, PAINT, WHITE (150mm)	NK	.186		.329		.277		.378		.336		.260		.346		.280		.289		.339		.220		.292		3.532		
2710-23-81	SOLID TRAFFIC STRIPE, PAINT, WHITE (200mm)	NK									.065						.053				.129						.247		
2710-23-121	SOLID TRAFFIC STRIPE, PAINT, WHITE (300mm)	NK							.089						.199						.137						.425		
2710-24-61	SOLID TRAFFIC STRIPE, PAINT, YELLOW (150mm)	NK	.520		.351		.305		.270		.273		.201		.221		.248		.241		.388		.301		.340		3.659		
2710-24-181	SOLID TRAFFIC STRIPE, PAINT, YELLOW (450mm)	NK																			.033						.033		
2710-25-181	SOLID TRAFFIC STRIPE, PAINT, WHITE (450mm)	MI									2.8						1.0				35.0						38.8		
2710-25-241	SOLID TRAFFIC STRIPE, PAINT, WHITE (600mm)	MI	22.9		10.0		5.4		34.4		3.9				38.4						46.4		4.9		5.0		171.3		
2710-29	REFLECTIVE PAINT (ISLAND NOSE), WHITE	M2									1.4						0.3										1.7		
2710-30	REFLECTIVE PAINT (ISLAND NOSE), YELLOW	M2			1.2		1.2		2.4		1.2				1.2		0.6				1.5						9.3		
2711-7	REMOVE EXISTING PAVEMENT MARKINGS, THERMOPLASTIC	M2	21.6		15.0		3.0		48.5						55.9						78.4		3.0				225.4		

* SEE NOTE - PLAN SHEET 5-5

1/13/99

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TABULATION OF QUANTITIES

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
DATE
C.C. Back CHECKER (Green Check or Circle & Remark Incorrect)
C.C. _ FED Correct Yellow (Change Red)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-4

TABULATION OF QUANTITIES

BID ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																								TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET
			S-31		S-32		S-33		S-34		S-35		S-36		S-37		S-38		S-39		S-40		S-41		S-42						
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	
2700-40-1	SIGN SINGLE POST	AS																													
	M2-1(375x525), FTP28 (600x600)	AS																													
	M4-6 (300x600), R3-9B (900x600)	AS			2												2														
	R1-1(900x900)	AS	3		1				1		1				1																
	R1-1(900x900), FTP-1(750x600)	AS																													
	R1-1(900x900), R3-2 (600x600)	AS																													
	R1-2 (900x900x900)	AS	1																												
	R3-2 (600x600)	AS																													
	R3-3 (600x600), R4-7 (750x600)	AS																			1						21				
	R3-7R (750x750)	AS																													
	R3-9B (900x600)	AS									2																				
	R4-7 (750x600)	AS			1																				1						
	R5-1(750x750)	AS																					1								
	R7-1S (450x300)	AS									1						1														
	S1-1(750x750)	AS																													
	S2-1(750x750)	AS																													
	W3-3 (900x900)	AS																	1												
	SIGN NO. 9	AS																													
2700-41-10	SIGN MULTI-POST	AS																									-				
2700-46-11	SIGN SINGLE POST (REMOVE)	AS	1		1				1		2				1		1		1						1		9				
2700-46-12	SIGN MULTI-POST (REMOVE)	AS																									-				
2700-46-21	SIGN SINGLE POST (RELOCATE)	AS																									-				
2700-47-1	SIGN INSTALL EXISTING ON BREAKAWAY SUPPORT	AS																									-				
2700-48-18	SIGN PANEL	EA																			1						1				
2705-71	TUBULAR DELINEATOR (FLEXIBLE)	EA																					4				4				
2706-3	RETRO-REFLECTIVE PAVEMENT MARKER (MONO-DIRECTIONAL COLORLESS)	EA	35		25		24		22		22		24		19		35		24		23		18		28						
	RETRO-REFLECTIVE PAVEMENT MARKER (BI-DIRECTIONAL AMBER)	EA	8		26		48		52		52		48		44		60		60		16		18		14		769				
	RETRO-REFLECTIVE PAVEMENT MARKER (COLORLESS - RED)	EA	5																		10		9								
2710-6	DIRECTIONAL ARROW, PAINT	EA	4		3		2		3		3		2		2		5						4		4		32				
2710-7	PAVEMENT MESSAGES, PAINT	EA																									3				
2710-21	SKIP TRAFFIC STRIPE, PAINT, 150mm WHITE (3.0-9.0 SKIP)	GK	.234		.259		.282		.259		.253		.285		.219		.280		.280		.199		.12		.147						
	SKIP TRAFFIC STRIPE, PAINT, 150mm WHITE (1.8-3.0 SKIP)	GK													.008		.034						.006				2.857				
	SKIP TRAFFIC STRIPE, PAINT, 150mm WHITE (0.6-1.2 SKIP)	GK																													
2710-22	SKIP TRAFFIC STRIPE, PAINT, 150mm YELLOW (3.0-9.0 SKIP)	GK			.103		.282		.280		.285		.285		.240		.086														
	SKIP TRAFFIC STRIPE, PAINT, 150mm YELLOW (1.8-3.0 SKIP)	GK	.07		.058																						1.691				
2710-23-61	SOLID TRAFFIC STRIPE, PAINT, WHITE (150mm)	NK	.328		.129		.282		.259		.258		.273		.211		.287		.280		.220		.275		.177		2.979				
2710-23-81	SOLID TRAFFIC STRIPE, PAINT, WHITE (200mm)	NK	.026		.062																.090		.139				.317				
2710-23-121	SOLID TRAFFIC STRIPE, PAINT, WHITE (300mm)	NK																									-				
2710-24-61	SOLID TRAFFIC STRIPE, PAINT, YELLOW (150mm)	NK	.333		.287		.282		.340		.345		.285		.300		.417		.561		.270		.545		.246		4.211				
2710-24-181	SOLID TRAFFIC STRIPE, PAINT, YELLOW (450mm)	NK															.035		.043		.012		.009		.004		.101				
2710-25-181	SOLID TRAFFIC STRIPE, PAINT, WHITE (450mm)	MI	4.6		10.8																15.4		10.6				41.4				
2710-25-241	SOLID TRAFFIC STRIPE, PAINT, WHITE (600mm)	MI	15.4		6.4				4.7		4.7				5.5								13.9				50.6				
2710-29	REFLECTIVE PAINT (ISLAND NOSE), WHITE	M2	0.5																				0.3				0.8				
2710-30	REFLECTIVE PAINT (ISLAND NOSE), YELLOW	M2	1.2		0.5																0.6		0.3		1.4		4.0				
2711-7	REMOVE EXISTING PAVEMENT MARKINGS, THERMOPLASTIC	M2	3.0		3.6				3.0		12.0				3.0												24.6				

VOID

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1/13/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
D.C. BACK CHECKER (Green Check or Circle & Remark Incorrect)
DATE
CHANGE INCORPORATION (Yellow Highlighter)
DATE
D.C. Has ADD Corrections (Change Pass)

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Feller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TABULATION OF QUANTITIES

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-4

TABULATION OF QUANTITIES

BID ITEM NO.	DESCRIPTION	UNIT	S-31 PLAN	S-31 FINAL	S-32 PLAN	S-32 FINAL	S-33 PLAN	S-33 FINAL	S-34 PLAN	S-34 FINAL	S-35 PLAN	S-35 FINAL	S-36 PLAN	S-36 FINAL	S-37 PLAN	S-37 FINAL	S-38 PLAN	S-38 FINAL	S-39 PLAN	S-39 FINAL	S-40 PLAN	S-40 FINAL	S-41 PLAN	S-41 FINAL	S-42 PLAN	S-42 FINAL	TOTAL THIS SHEET PLAN	TOTAL THIS SHEET FINAL	GRAND TOTAL PLAN	GRAND TOTAL FINAL	REF. SHEET
2700-40-1	SIGN SINGLE POST	AS																													
	M2-1 (375x525), FTP28 (600x600)	AS																													
	M4-6 (300x600), R3-9B (900x600)	AS			2	2											2	2													
	R1-1 (900x900)	AS	3	3	1	1			1	1	1	1			1	1															
	R1-1 (900x900), FTP-1 (750x600)	AS																													
	R1-1 (900x900), R3-2 (600x600)	AS																													
	R1-2 (900x900x900)	AS	1	1																											
	R3-2 (600x600)	AS																													
	R3-3 (600x600), R4-7 (750x600)	AS																			1	1					21	21			
	R3-7R (750x750)	AS																													
	R3-9B (900x600)	AS									2	2																			
	R4-7 (750x600)	AS			1	1																			1	1					
	R5-1 (750x750)	AS																					1	1							
	R7-1S (450x300)	AS									1	1					1	1													
	S1-1 (750x750)	AS																													
	S2-1 (750x750)	AS																													
	W3-3 (900x900)	AS																	1	1											
	SIGN NO. 9	AS																									-				
2700-41-10	SIGN MULTI-POST	AS																									-				
2700-46-11	SIGN SINGLE POST (REMOVE)	AS	1	1	1	1			1	1	2	2			1	1	1	1	1	1					1	1	9	9			
2700-46-12	SIGN MULTI-POST (REMOVE)	AS																									-				
2700-46-21	SIGN SINGLE POST (RELOCATE)	AS																									-				
2700-47-1	SIGN INSTALL EXISTING ON BREAKAWAY SUPPORT	AS																									-				
2700-48-18	SIGN PANEL	EA																			1						1				
2705-71	TUBULAR DELINEATOR (FLEXIBLE)	EA	~~0~~	2	~~0~~	1															~~0~~	1	~~4~~	1			~~4~~ 5				
2706-3	RETRO-REFLECTIVE PAVEMENT MARKER (MONO-DIRECTIONAL COLORLESS)	EA	35		25		24		22		22		24		19		35		24		23		18		28						
	RETRO-REFLECTIVE PAVEMENT MARKER (BI-DIRECTIONAL AMBER)	EA	8		~~26~~ 64	2	48		52		52		48		44		60		60		16		18		14		~~769~~ 807	2			
	RETRO-REFLECTIVE PAVEMENT MARKER (COLORLESS - RED)	EA	5																		10		9								
2710-6	DIRECTIONAL ARROW, PAINT	EA	4		3		2		3		3		2		2		5						4		4		32				
2710-7	PAVEMENT MESSAGES, PAINT	EA																					3				3				
2710-21	SKIP TRAFFIC STRIPE, PAINT, 150mm WHITE (3.0-9.0 SKIP)	GK	.234		.259		.282		.259		.253		.285		.219		.280		.280		.199		.112		.147						
	SKIP TRAFFIC STRIPE, PAINT, 150mm WHITE (1.8-3.0 SKIP)	GK													.008		.034						.006				2.857				
	SKIP TRAFFIC STRIPE, PAINT, 150mm WHITE (0.6-1.2 SKIP)	GK																													
2710-22	SKIP TRAFFIC STRIPE, PAINT, 150mm YELLOW (3.0-9.0 SKIP)	GK			.103		.282		.280		.285		.285		.240		.086										1.691				
	SKIP TRAFFIC STRIPE, PAINT, 150mm YELLOW (1.8-3.0 SKIP)	GK	.072		.058																										
2710-23-61	SOLID TRAFFIC STRIPE, PAINT, WHITE (150mm)	NK	.328		.129		.282		.259		.258		.273		.211		.287		.280		.220		.275		.177		2.979				
2710-23-81	SOLID TRAFFIC STRIPE, PAINT, WHITE (200mm)	NK	.026		.062																.090		.139				.317				
2710-23-121	SOLID TRAFFIC STRIPE, PAINT, WHITE (300mm)	NK																									-				
2710-24-61	SOLID TRAFFIC STRIPE, PAINT, YELLOW (150mm)	NK	.333		~~.287~~ .391	2	.282		.340		.345		.285		.300		.417		.561		.270		.545		.246		~~3.277~~ 4.315	2			
2710-24-181	SOLID TRAFFIC STRIPE, PAINT, YELLOW (450mm)	NK			.043	2											.035		.043		.012		.009		.004		~~.101~~ .146	2			
2710-25-181	SOLID TRAFFIC STRIPE, PAINT, WHITE (450mm)	MI	4.6		10.8																15.4		10.6				41.4				
2710-25-241	SOLID TRAFFIC STRIPE, PAINT, WHITE (600mm)	MI	15.4		6.4				4.7		4.7				5.5								13.9				50.6				
2710-29	REFLECTIVE PAINT (ISLAND NOSE), WHITE	M2	0.5																				0.3				0.8				
2710-30	REFLECTIVE PAINT (ISLAND NOSE), YELLOW	M2	1.2		0.5																0.6		0.3		1.4		4.0				
2711-7	REMOVE EXISTING PAVEMENT MARKINGS, THERMOPLASTIC	M2	3.0		~~3.6~~ 10.0	2			3.0		12.0				3.0												~~24.6~~ 31.0	2			

* SEE NOTE - PLAN SHEET 5-5

REVISIONS													
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
10/24/07	PSB	2 QUANTITY CHANGES												

Fuller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TABULATION OF QUANTITIES

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
ORIGINATOR MARKS FOR CHECKING
G.C. CHECKED Correct(Yellow)Change(Red) DATE
G.C. BACK CHECKER (Green Check or Circle & Remark Incorrect) DATE
CHANGE INCORPORATION (Yellow) RIGHT(Green) DATE
ITERATION, CONCURRENCE THEN CHECK TO CONCEPT/TESTING/TESTING AS FAR DATE

stock
T:\25-1\000033.sgn
Fri, Oct 26 13:27:46 2007
EPSON 1520

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-5

TABULATION OF QUANTITIES

BID ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																						TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET
			S-43		S-44		S-45		S-46		S-47																		
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	
2700-40-1	SIGN SINGLE POST	AS																											
	M2-1(375x525), FTP28 (600x600)	AS																											
	M4-6 (300x600), R3-9B (900x600)																												
	RI-1(900x900)	AS																											
	RI-1(900x900), FTP-1(750x600)	AS																											
	RI-1(900x900), R3-2 (600x600)	AS	1																										
	RI-2 (900x900x900)	AS																											
	R3-2 (600x600)	AS	1																										
	R3-3 (600x600), R4-7 (750x600)	AS																							3		58		
	R3-7R (750x750)	AS																											
	R3-9B (900x600)	AS																											
	R4-7 (750x600)	AS			1																								
	R5-1(750x750)	AS																											
	R7-1S (450x300)	AS																											
	SI-1(750x750)	AS																											
	S2-1(750x750)	AS																											
	W3-3 (900x900)	AS																											
	SIGN NO. 9	AS																											
2700-41-10	SIGN MULTI-POST	AS																							-		6		
2700-46-11	SIGN SINGLE POST (REMOVE)	AS	1																						1		42		
2700-46-12	SIGN MULTI-POST (REMOVE)	AS																							-		4		
2700-46-21	SIGN SINGLE POST (RELOCATE)	AS																							-		1		
2700-47-1	SIGN INSTALL EXISTING ON BREAKAWAY SUPPORT	AS																							-		13		
2700-48-18	SIGN PANEL	EA																							-		1		
2705-71	TUBULAR DELINEATOR (FLEXIBLE)	EA																							-		25		
2706-3	RETRO-REFLECTIVE PAVEMENT MARKER (MONO-DIRECTIONAL COLORLESS)	EA	25		19		4		45																				
	RETRO-REFLECTIVE PAVEMENT MARKER (BI-DIRECTIONAL AMBER)	EA	22								10														125		2168		
	RETRO-REFLECTIVE PAVEMENT MARKER (COLORLESS - RED)	EA																											
2710-6	DIRECTIONAL ARROW, PAINT	EA	3		3				10																16		152		
2710-7	PAVEMENT MESSAGES, PAINT	SA																							-		25		
2710-21	SKIP TRAFFIC STRIPE, PAINT, 150mm WHITE (3.0-9.0 SKIP)	GK	.131		.061				.023																				
	SKIP TRAFFIC STRIPE, PAINT, 150mm WHITE (1.8-3.0 SKIP)	GK	.049								.055														.319		10.303		
	SKIP TRAFFIC STRIPE, PAINT, 150mm WHITE (0.6-1.2 SKIP)	GK																											
2710-22	SKIP TRAFFIC STRIPE, PAINT, 150mm YELLOW (3.0-9.0 SKIP)	GK																											
	SKIP TRAFFIC STRIPE, PAINT, 150mm YELLOW (1.8-3.0 SKIP)	GK																							-		1.964		
2710-23-61	SOLID TRAFFIC STRIPE, PAINT, WHITE (150mm)	NK	.092		.081		.026		.266		.111														.576		10.587		
2710-23-81	SOLID TRAFFIC STRIPE, PAINT, WHITE (200mm)	NK																							-		1.010		
2710-23-121	SOLID TRAFFIC STRIPE, PAINT, WHITE (300mm)	NK																							-		1.374		
2710-24-61	SOLID TRAFFIC STRIPE, PAINT, YELLOW (150mm)	NK	.258		.138		.015		.315		.111														.837		12.669		
2710-24-181	SOLID TRAFFIC STRIPE, PAINT, YELLOW (450mm)	NK			.003																				.003		.137		
2710-25-181	SOLID TRAFFIC STRIPE, PAINT, WHITE (450mm)	MI																							-		150.4		
2710-25-241	SOLID TRAFFIC STRIPE, PAINT, WHITE (600mm)	MI																							-		449.4		
2710-29	REFLECTIVE PAINT (ISLAND NOSE), WHITE	M2																							-		3.7		
2710-30	REFLECTIVE PAINT (ISLAND NOSE), YELLOW	M2			0.2																				0.2		20.7		
2711-7	REMOVE EXISTING PAVEMENT MARKINGS, THERMOPLASTIC	M2	62.0		38.8		8.3		90.7																199.8		783.5		

VOID

VOID

VOID

VOID

1/13/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
C.C. Back CHECKER (Green Check or Circle & Remark Incorrect)
DATE
CHANGE THICKNESS/MATERIAL (Yellow Highlighter)
DATE
C.C. Checker Correct (Yellow Highlighted)
DATE

REVISION												
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TABULATION OF QUANTITIES

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-5

TABULATION OF QUANTITIES

BID ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS S-43 PLAN	S-43 FINAL	S-44 PLAN	S-44 FINAL	S-45 PLAN	S-45 FINAL	S-46 PLAN	S-46 FINAL	S-47 PLAN	S-47 FINAL	TOTAL THIS SHEET PLAN	TOTAL THIS SHEET FINAL	GRAND TOTAL PLAN	GRAND TOTAL FINAL	REF. SHEET
2700-40-1	SIGN SINGLE POST	AS															
	M2-1 (375x525), FTP28 (600x600)	AS															
	M4-6 (300x600), R3-9B (900x600)	AS															
	RI-1 (900x900)	AS															
	RI-1 (900x900), FTP-1 (750x600)	AS															
	RI-1 (900x900), R3-2 (600x600)	AS	1	1													
	RI-2 (900x900x900)	AS															
	R3-2 (600x600)	AS	1	1													
	R3-3 (600x600), R4-7 (750x600)	AS											3	3	58	58	
	R3-7R (750x750)	AS															
	R3-9B (900x600)	AS															
	R4-7 (750x600)	AS			1	1											
	R5-1 (750x750)	AS															
	R7-1S (450x300)	AS															
	S1-1 (750x750)	AS															
	S2-1 (750x750)	AS															
	W3-3 (900x900)	AS															
	SIGN NO. 9	AS															
2700-41-10	SIGN MULTI-POST	AS											-		6	7	
2700-46-11	SIGN SINGLE POST (REMOVE)	AS	1	1									1	1	42	40	
2700-46-12	SIGN MULTI-POST (REMOVE)	AS											-		4	5	
2700-46-21	SIGN SINGLE POST (RELOCATE)	AS											-		1	12	
2700-47-1	SIGN INSTALL EXISTING ON BREAKAWAY SUPPORT	AS											-		13	0	
2700-48-18	SIGN PANEL	EA											-		1	0	
2705-71	TUBULAR DELINEATOR (FLEXIBLE)	EA											-		25	25	
2706-3	RETRO-REFLECTIVE PAVEMENT MARKER (MONO-DIRECTIONAL COLORLESS)	EA	25		19		4		45								
	RETRO-REFLECTIVE PAVEMENT MARKER (BI-DIRECTIONAL AMBER)	EA	22								10		125		~~2168~~ 2206		2
	RETRO-REFLECTIVE PAVEMENT MARKER (COLORLESS - RED)	EA															
2710-6	DIRECTIONAL ARROW, PAINT	EA	3		3				10				16		152		
2710-7	PAVEMENT MESSAGES, PAINT	EA											-		25		
2710-21	SKIP TRAFFIC STRIPE, PAINT, 150mm WHITE (3.0-9.0 SKIP)	GK	.131		.061				.023								
	SKIP TRAFFIC STRIPE, PAINT, 150mm WHITE (1.8-3.0 SKIP)	GK	.049								.055		.319		10.303		
	SKIP TRAFFIC STRIPE, PAINT, 150mm WHITE (0.6-1.2 SKIP)	GK															
2710-22	SKIP TRAFFIC STRIPE, PAINT, 150mm YELLOW (3.0-9.0 SKIP)	GK											-		1.964		
	SKIP TRAFFIC STRIPE, PAINT, 150mm YELLOW (1.8-3.0 SKIP)	GK															
2710-23-61	SOLID TRAFFIC STRIPE, PAINT, WHITE (150mm)	NK	.092		.081		.026		.266		.111		.576		10.587		*
2710-23-81	SOLID TRAFFIC STRIPE, PAINT, WHITE (200mm)	NK											-		1.010		
2710-23-121	SOLID TRAFFIC STRIPE, PAINT, WHITE (300mm)	NK											-		1.374		
2710-24-61	SOLID TRAFFIC STRIPE, PAINT, YELLOW (150mm)	NK	.258		.138		.015		.315		.111		.837		~~12.669~~ 12.773		2
2710-24-181	SOLID TRAFFIC STRIPE, PAINT, YELLOW (450mm)	NK			.003								.003		~~.137~~ .180		2
2710-25-181	SOLID TRAFFIC STRIPE, PAINT, WHITE (450mm)	MI											-		150.4		
2710-25-241	SOLID TRAFFIC STRIPE, PAINT, WHITE (600mm)	MI											-		449.4		
2710-29	REFLECTIVE PAINT (ISLAND NOSE), WHITE	M2											-		3.7		
2710-30	REFLECTIVE PAINT (ISLAND NOSE), YELLOW	M2			0.2								0.2		20.7		
2711-7	REMOVE EXISTING PAVEMENT MARKINGS, THERMOPLASTIC	M2	62.0		38.8		8.3		90.7				199.8		~~783.5~~ 789.9		2

* FOR ALL FINAL QTY & FIELD MEASUREMENTS/LOCATIONS - SEE STRIPPING LOG BINDERS FOR EACH INDIVIDUAL PAY ITEM

Eileen Daniel 10/25/00 for Construction Division #2

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
Q.C. CHECKED (Green Check or Circle & Remark Incorrect)
DATE
CHANGE INCORPORATION (YES/NO/NOT APPLICABLE)
DATE
Q.C. BACK CHECKER (Green Check or Circle & Remark Incorrect)
DATE
(STRATUS, TOUCHDOWNS, THEO CHECK TO CONCEPT TESTER LEADS QS TEST UNIT)

REVISIONS												
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
10/24/00	PSB	2 QUANTITY CHANGES												

Fuller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

TABULATION OF QUANTITIES

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-6

SIGNING AND PAVEMENT MARKING GENERAL NOTES

1. PAVEMENT MARKINGS SHOULD BE PLACED AS SHOWN IN THE PLANS AND THE APPROPRIATE TRAFFIC DESIGN STANDARD INDEX.

2. CAUTION SHOULD BE EXERCISED WHILE RELOCATING EXISTING SIGNS SO AS TO PREVENT DAMAGE TO THE SIGNS. IF THE SIGNS ARE DAMAGED BEYOND USE, AS DETERMINED BY THE ENGINEER, THEY SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.

3. THE CONTRACTOR SHALL NOT USE LOW PROFILE REFLECTIVE PAVEMENT MARKERS.

4. THE CONTRACTOR SHALL REMOVE ALL EXISTING STRIPING AND CONFLICTING PAVEMENT MESSAGES UTILIZING HYDRO-BLAST METHOD PRIOR TO PLACING NEW STRIPING. COST OF EXISTING PAVEMENT MARKING REMOVAL SHALL BE INCLUDED IN COST OF VARIOUS STRIPING ITEMS. NO SEPARATE PAYMENT WILL BE MADE.

5. ALL PAVEMENT MARKINGS SHALL BE PAINT UNLESS OTHERWISE NOTED IN THE PLANS. THE QUANITIES FOR PAVEMENT MARKINGS INDICATED IN THE SIGNING AND PAVEMENT MARKING PLANS ARE INCLUDED IN THE QUANTITIES FOR PAVEMENT MARKINGS SHOWN IN THE SUMMARY OF ROADWAY PAY ITEMS.

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

1/12/99

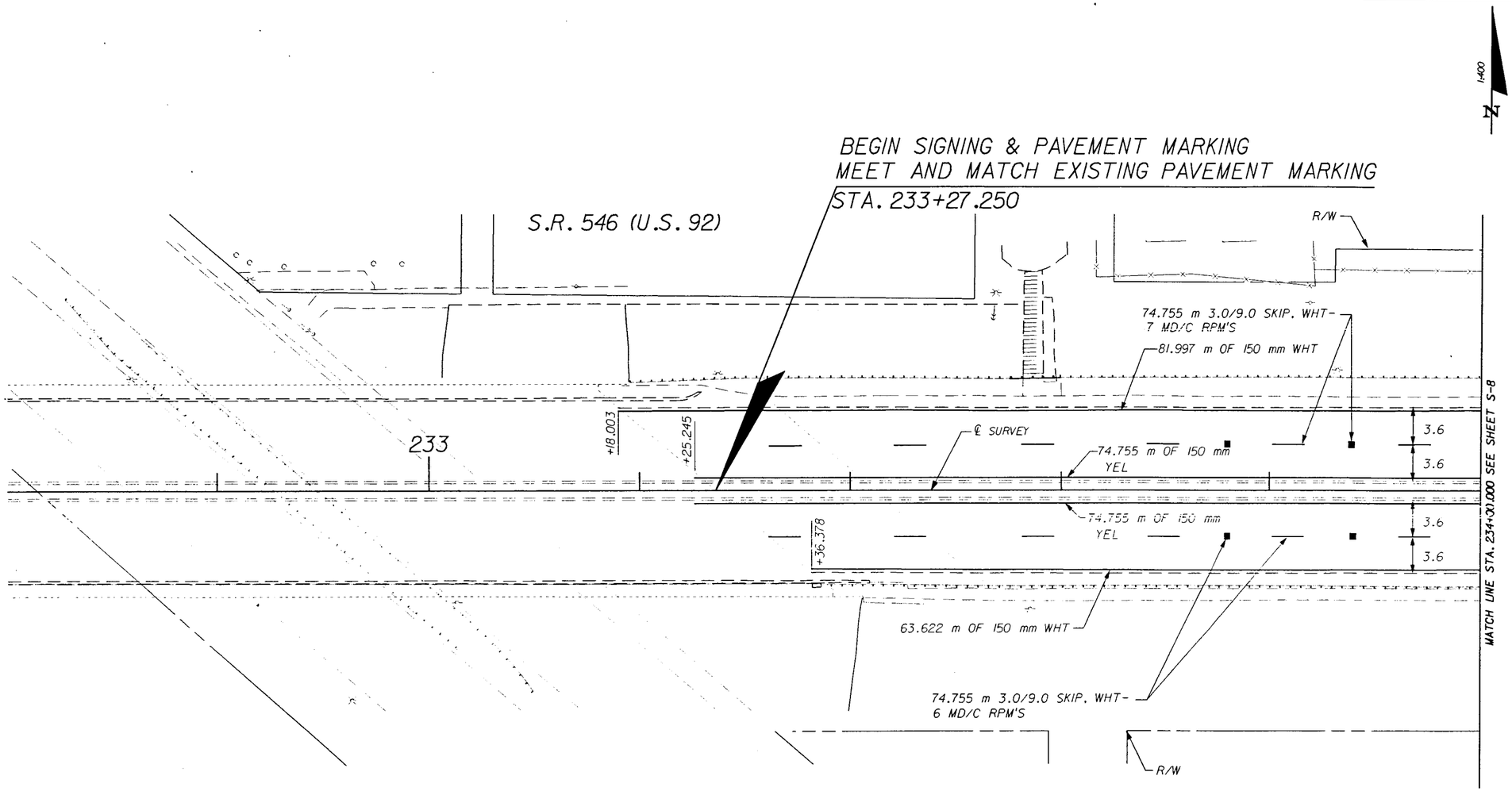
REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-7



QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

REVISIONS

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

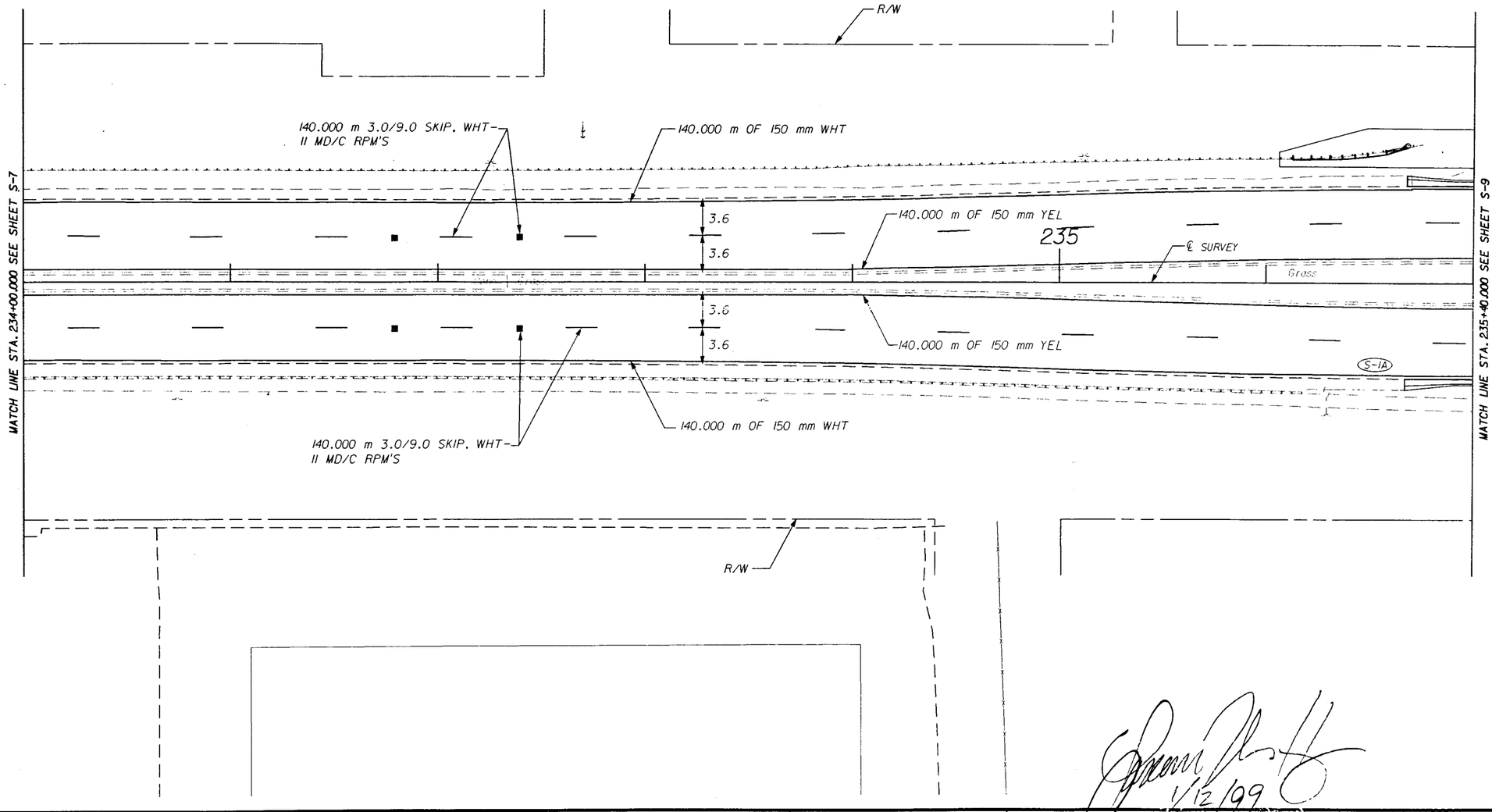
FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

S.R. 546 (U.S. 92)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-8

1:400



QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE	BY	DESCRIPTION
		Quality Control Checklist
		Quality Assurance Checklist

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

1/12/99

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-9

S.R. 546 (U.S. 92)

MEET AND MATCH EXISTING PAVEMENT MARKINGS
STA. 30+53.400

WALKER AVE.

2700-40-I
2700-46-II
RI-I
FTP-I
RIGHT TURN ONLY
STOP

4.2

R/W

+23.400

59.065 m OF 150 mm WHT
61.987 m 3.0/9.0 SKIP WHT - 5 MD/C RPM'S
62.200 m OF 150 mm YEL

22.8 m 1.8/3.0 SKIP. WHT

+99.065

END 200 WHT
BEGIN 150 WHT

236

+02.200

3.6
3.6
3.0
3.6
3.6

℄ SURVEY

Gross Load

(1) TUBE DELIN.

30
30

(1) TUBULAR DELINEATOR

+87.095
+09.958
+02.200
+20.656

62.200 m OF 150 mm YEL
80.656 m OF 150 mm WHT

140.000 m 3.0/9.0 SKIP WHT - 12 MD/C RPM'S
30.528 m OF 200 mm WHT - 3 MD/C RPM'S

0.6 m2 OF REFL YEL NOSE PAINT
1.0 m OF 450 mm WHT
0.3 m2 OF REFL WHT NOSE PAINT
END 200 WHT
BEGIN 150 YEL

70.211 m OF 150 mm YEL
18.4 m OF 600 mm WHT
5.0 m OF 600 mm WHT
30.000 m OF 150 mm DBL. YEL
4 A/A RPM'S

+83.623

4.3

JACK AVE.

MEET AND MATCH EXISTING PAVEMENT MARKINGS
STA. 29+53.623

EXISTING TO REMAIN

MATCH LINE STA. 235+40.000 SEE SHEET S-8

1:400

N

R2-I
EXISTING TO REMAIN

SPEED LIMIT 45

2700-40-I
2700-46-II
R3-7R
STA. 236+70

RIGHT LANE MUST TURN RIGHT

ONLY

No REMOVAL

58.000 m 3.0/9.0 SKIP WHT - 6 MD/C RPM'S
30.000 m OF 150 mm DBL YEL - 4 A/A RPM'S
4.9 m OF 600 mm WHT
57.836 m OF 150 mm WHT
63.135 m OF 150 mm YEL
58.129 m OF 150 mm WHT - 10 MD/C RPM's
14.7 m 1.8/3.0 SKIP YEL

R/W

+22.000
+41.294
+48.594
+16.927

3.1
3.1
3.1

ONLY
ONLY
ONLY

3.1
3.1
3.1

+72.109

+43.777

R/W

35.694 m 3.0/9.0 SKIP. WHT - 3 MD/C RPM'S
35.694 m OF 150 mm WHT

STOP
RIGHT TURN ONLY

2700-40-I
2700-46-II
RI-I
FTP-I
STA. 236+39

2700-46-II
2700-40-I
SI-I
STA. 235+45

MATCH LINE STA. 236+80.000 SEE SHEET S-10

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

REVISIONS

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-10

S.R. 546 (U.S. 92)

ANDERSON AVE.

LINCOLN AVE.

2700-40-1
2700-46-11
R1-1
FTP-1
STA. 237+03

RIGHT TURN ONLY
STOP

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 30+50.848

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 30+51.941

2700-46-21
STA. 237+55

17.572 m OF 150 mm WHT
19.258 m OF 150 mm WHT - 4 MD/C RPM'S
69.910 m 3.0/9.0 SKIP. WHT - 6 MD/C RPM'S

30.000 m of 150 mm DBL YEL - 6 A/A RPM'S
4.9 m OF 600 mm WHT
20.5 m 1.8/3.0 SKIP. WHT
30.230 m OF 150 mm WHT
30.230 m OF 150 mm WHT - 6 MD/C RPM'S
69.392 m OF 150 mm YEL

R3-7R
EXISTING TO REMAIN

RIGHT LANE MUST TURN RIGHT

30.000 m OF 150 mm DBL YEL - 6 A/A RPM'S
5.6 m OF 600 mm WHT
51.2 m OF 300 mm WHT
102.0 m OF 300 mm WHT

12.6 m OF 600 mm WHT
30.1569 m OF 150 mm WHT - 5 MD/C RPM'S
30.1569 m OF 150 mm WHT - 5 MD/C RPM'S
43.969 m OF 150 mm WHT - 7 MD/C RPM'S
14.955 m 3.0/9.0 SKIP. WHT - 1 MD/C RPM'S
40.151 m OF 150 mm YEL
43.022 m OF 150 mm WHT

1:400
N

R/W
4.5
+20.848
6.0
+19.587
+97.682
ONLY
+99.000
+50.058
+75.009
+20.000
+05.000
+19.000
+49.500
+46.000
237
238
30
3.1
℄ SURVEY
1.2 m2 OF REFL YEL NOSE PAINT
+98.000
+16.000
+41.291
+75.009
+71.513
2.4
3.0
+81.941
3.2
5.0

MATCH LINE STA. 236+80.000 SEE SHEET S-9

MATCH LINE STA. 238+20.000 SEE SHEET S-11

69.593 m OF 150 mm YEL
61.142 m OF 150 mm WHT
36.395 m 3.0/9.0 SKIP. WHT - 3 MD/C RPM'S
36.395 m 3.0/9.0 SKIP. WHT - 3 MD/C RPM'S
48.293 m OF 150 mm. WHT - 8 MD/C RPM'S
30.000 m OF 150 mm. WHT - 4 MD/C RPM'S
30.000 m OF 150 mm. WHT - 4 MD/C RPM'S
13.9 m OF 600 mm WHITE

SPEED LIMIT 40
R2-1
EXISTING TO REMAIN

2700-46-11
2700-40-1
S2-1
STA. 237+37

57.3 m OF 300 mm WHT
9.7 m OF 600 mm WHT
30.000 OF 150 mm DBL YEL - 6 A/A RPM'S
30.000 m OF 150 mm WHT - 5 MD/C RPM'S
40.151 m OF 150 mm YEL
48.429 m OF 150 mm WHT
48.429 m 3.0/9.0 SKIP. WHT - 4 MD/C RPM'S
48.429 m 3.0/9.0 SKIP. WHT - 4 MD/C RPM'S
14.955 m 3.0/9.0 SKIP. WHT - 1 MD/C RPM'S

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 29+51.941

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

1/12/99

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-11

S.R. 546 (U.S. 92)

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 30+47.032

2700-40-1
2700-46-11
RI-1
FTP-1
STA. 238+58

RIGHT TURN ONLY
STOP

OHIO AVE.

4.5

76.165 m OF 150 mm WHT
30.000 m OF 150 mm DBL YELLOW - 4 A/A RPM'S
5.5 m OF 600 mm WHT
18.1 m 600 mm WHT

EXISTING TO REMAIN

33.895 m OF 150 mm WHT
140.000 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S
140.000 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S

+17.032
+73.000
+80.000
+53.924

239

℄ SURVEY

3.1
3.1
3.1

30
30
30

+81.159

MATCH LINE STA. 238+20.000 SEE SHEET S-10

128.181 m OF 150 mm YEL
128.181 m OF 150 mm YEL
5.3 m OF 600 mm WHT
30.000 m OF 150 mm DBL YEL - 4 A/A RPM'S
61.131 m OF 150 mm WHT
140.195 m 3.0/9.0 SKIP. WHT - 11 MD/C RPM'S
140.195 m 3.0/9.0 SKIP. WHT - 11 MD/C RPM'S

+82.813

OHIO AVE.

3.6

STOP
RIGHT TURN ONLY

2700-40-1
2700-46-11
RI-1
FTP-1
STA. 238+99

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 29+52.813

2700-40-1
2700-46-11
RI-1
FTP-1
STA. 239+57

RIGHT TURN ONLY
STOP

EXISTING TO REMAIN

1:400
N

12.0 m 1.8/3.0 SKIP. YEL
13.0 m OF 200 mm WHT

0.6 m2 OF REFL YEL NOSE PAINT

2.4 m OF 600 mm WHT

+17.177
+51.674
+48.958
+53.600
+24.500
+02.896

3.1
3.1
3.1

29.040 m OF 200 mm WHT - 5 MD/C RPM'S

1.2 m OF 450 mm WHT
56.673 m OF 150 mm WHT

MATCH LINE STA. 239+60.000 SEE SHEET S-12

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
Signature & Date of Engineer
Date Checked for Compliance with Design Plans
Date of Corrections (Changes Made)

REVISIONS									
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

1/12/99

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-12

S.R. 546 (U.S. 92)

KETTLES AVE.

TEXAS AVE.

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 30+47.177

30.000 m OF 150 mm DBL YEL- 4 A/A RPM'S

3.4 m OF 600 mm WHT

END 200 WHT
BEGIN 150 WHT

0.3 m2 OF REFL WHT NOSE PAINT

7.5 m 1.8/3.0 SKIP YEL
140.195 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S
140.195 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S
77.601 m OF 150 mm WHT

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 30+47.781

2700-40-1
2700-46-11
RI-1
FTP-1
STA. 240+55

RIGHT TURN ONLY

STOP

30.000 m OF 150 mm DBL YEL- 4 A/A RPM'S
5.604 m OF 600 mm WHT
132.675 m OF 150 mm WHT
27.478 m OF 150 mm WHT

STA. 241+00
EXISTING TO REMAIN

WEST 92

4.2
+17.177
+73.217
+67.460
3.1
3.1
3.1
240
℄ SURVEY
(1) TUBULAR DELINEATOR
+50.818
+17.781
3.8
+72.516
241
+47.000
30
30
1:400
N

MATCH LINE STA. 239+60.000 SEE SHEET S-11

+0.548
END 200 WHT
BEGIN 150 YEL
3.1
3.1
3.1
+15.810
+37.496
+71.000

MATCH LINE STA. 241+00.000 SEE SHEET S-13

+82.748

EXISTING TO REMAIN

55.861 m OF 150 mm WHT
140.195 m 3.0/9.0 SKIP. WHT - 11 MD/C RPM'S
140.195 m 3.0/9.0 SKIP. WHT - 11 MD/C RPM'S
5.2 m OF 600 mm WHT
30.000 m OF 150 mm DBL YEL 4 A/A RPM'S

TEXAS AVE.

3.5

STOP
RIGHT TURN ONLY

2700-40-1
2700-48-60
RI-1
FTP-1
STA. 240+32

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 29+52.748

62.576 m OF 150 mm WHT
20.0 m OF 600 mm WHT

EXISTING TO REMAIN

29.109 m OF 150 mm WHT - 5 MD/C RPM'S
139.921 m OF 150 mm YEL

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

REVISIONS

Fuller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-13

21.887 m OF 150 mm WHT - 3 MD/C RPM'S
21.887 m OF 150 mm WHT - 3 MD/C RPM'S
10.0 m OF 600 mm WHT
11.7 m OF 450 mm WHT
28.2 m OF 200 mm WHT 9 C/R RPM'S
55.359 m 3.0/9.0 SKIP. WHT - 4 MD/C RPM'S
55.359 m 3.0/9.0 SKIP. WHT - 4 MD/C RPM'S
52.369 m OF 150 mm YEL
52.369 m OF. 150 mm YEL
52.369 m OF 150 mm WHT - 9 MD/C RPM'S
22.473 m 3.0/9.0 SKIP. WHT - 2 MD/C RPM'S
22.473 m 3.0/9.0 SKIP. WHT - 2 MD/C RPM'S
38.233 m OF 200 mm WHT - 6 MD/C RPM'S
69.455 m OF 150 mm WHT

23.115 m OF 150 mm WHT

MATCH LINE STA. 30+40.000 SEE SHEET S-44

EXISTING TO REMAIN

M.L.K. AVE

YIELD

+20.799 +22.838 +18.000 +45.000 +58.000 +52.000 +76.000 +91.000 +97.000 +16.000 +29.062 +16.369

4.5 3.3 3.3 3.3 3.6 3.0 3.0 3.0 3.0

242

℄ SURVEY

FLORENCE AVE.

S.R. 546 (U.S. 92)

23.711 m 3.0/9.0 SKIP. WHT - 2 MD/C RPM'S
46.060 m OF 150 mm YEL
0.6 m2 OF REFL YEL NOSE PAINT
70.2 m OF 300 mm WHT
11.6 m OF 200 mm WHT - 4 C/R RPM'S
30.7 m OF 300 mm WHT
91.8 m OF 300 mm WHT
16.6 m OF 450 mm WHT
133.2 m OF 200 mm WHT - 9 C/R RPM'S
12.0 m OF 600 mm WHT
30.057 m OF 150 mm WHT - 5 MD/C RPM'S
30.057 m OF 150 mm WHT - 5 MD/C RPM'S
4.5 m OF 600 mm WHT
24.439 m 3.0/9.0 SKIP. WHT - 2 MD/C RPM'S
24.439 m 3.0/9.0 SKIP. WHT - 2 MD/C RPM'S
54.392 m OF 150 mm WHT - 9 MD/C RPM'S

EXISTING TO REMAIN
SOUTH NORTH 563 563

1:400

MATCH LINE STA. 241+00.000 SEE SHEET S-12

3.1 3.1 3.1 3.1 3.1 3.1 3.6

+07.000 +22.000 +45.000 +59.000 +76.000 +92.000 +86.000

30.000 m OF 150 mm WHT - 5 MD/C RPM'S
30.000 m OF 150 mm WHT - 5 MD/C RPM'S
24.0 m OF 300 mm WHT
STA. 241+12
0.6 m2 OF REFL YEL NOSE PAINT
12.5 m OF 600 mm WHT
102.0 m OF 300 mm WHT
25.6 m OF 200 mm WHT - 6 MD/C RPM'S
15.7 m OF 450 mm WHT
24.0 m OF 300 mm WHT
11.2 m OF 200 mm WHT - 2 C/R RPM'S
0.6 m2 OF REFL YEL NOSE PAINT
24.153 m 3.0/9.0 SKIP. WHT - 2 MD/C RPM'S

NORTH SOUTH 563 563

LAKELAND CIVIC CENTER

2700-46-11 ~~2700-46-11~~ 2700-46-21

EXISTING TO REMAIN

M.L.K. AVE

YIELD

+83.000 +77.251 +75.390

4.5 3.1 3.1 3.1

MATCH LINE STA. 29+60.000 SEE SHEET S-45

EXISTING TO REMAIN

40.210 m OF 150 mm WHT
109.090 m OF 150 mm YEL
54.545 m 3.0/9.0 SKIP. WHT - 5 MD/C RPM'S
54.545 m 3.0/9.0 SKIP. WHT - 5 MD/C RPM'S
51.908 m OF 150 mm WHT
0.6 m2 OF REFL YEL NOSE PAINT
18.4 m OF 200 mm WHT - 5 C/R RPM'S
21.9 m OF 450 mm WHT
24.7 m OF 300 mm WHT
10.5 m OF 200 mm WHT - 3 C/R RPM'S
75.4 m OF 300 mm WHT
9.075 m OF 600 mm WHT
22.530 m OF 150 mm WHT - 4 MD/C RPM'S
22.530 m OF 150 mm WHT - 4 MD/C RPM'S
46.420 m OF 150 mm YEL
22.844 m OF 150 mm WHT

EXISTING TO REMAIN
STA. 242+41
KEY 16361 563

2700-46-21

MATCH LINE STA. 242+40.000 SEE SHEET S-14

1/12/99

EQUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

REVISIONS

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-14

FLORENCE AVE.

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 30+46.369

5.119 m OF 600 mm WHT
8.415 m OF 150 mm WHT
7.7 m OF 200 mm WHT
1.0 m OF 450 mm WHT
19.2 m 1.8/3.0 SKIP. YEL
0.6 m2 OF REFL YEL NOSE PAINT
17.7 m OF 600 mm WHT
58.705 m OF 150 mm WHT
30.000 m OF DBL YEL - 4 A/A RPM'S
132.57 m OF 150 mm YEL

STA. 242+61
2700-46-11

2700-46-11
2700-40-1
S1-1
STA. 242+70

R/W

S.R. 546 (U.S. 92)

2700-40-1
2700-46-11
R1-1
FTP-1
STA. 243+15

RIGHT TURN ONLY
STOP

VIRGINIA AVE.

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 30+47.147

0.6 m2 OF REFL YEL NOSE PAINT
30.000 m OF 150 mm DBL YEL - 4 A/A RPM'S
9.5 m OF 200 mm WHT - 2 MD/C RPM'S
89.277 m 3.0/9.0 SKIP. WHT - 7 MD/C RPM'S
89.277 m 3.0/9.0 SKIP. WHT - 7 MD/C RPM'S
36.314 m OF 150 mm YEL
48.146 m OF 150 mm WHT

M2-1
FTP28
STA. 243+50
2700-40-1
2700-46-11

JCT 583

R5-1
STA. 243+58
2700-40-1

DO NOT ENTER

EXISTING TO REMAIN

SPEED LIMIT 40

1:400

N

+51.662
+88.449
+90.741
+10.665
+17.147
+31.982
+69.700
+25.229
+06.085
+09.999
+77.000
+45.790
+68.161
+18.312
+54.577
+48.107
+69.302
+73.836
+82.917
+82.850

END 200 WHT
BEGIN 150 WHT

END 150 YEL
BEGIN 200 WHT
+61.351

END 200 WHT
BEGIN 150 YEL

0.3 m2 OF REFL WHT NOSE PAINT

1.1 m OF 450 mm WHT

(1) TUBE BEGIN.

243

3.1
3.3
3.5
4.0
4.3
3.6

SCHOOL SCHOOL SCHOOL

℄ SURVEY

MATCH LINE STA. 242+40.000 SEE SHEET S-13

MATCH LINE STA. 243+80.000 SEE SHEET S-15

5.591 m OF 150 mm WHT
5.1 m OF 600 mm WHT
30.000 m OF 150 DBL YEL - 4 A/A RPM'S

VIRGINIA AVE.

STOP
RIGHT TURN ONLY
2700-40-1
2700-46-11
R1-1
FTP-1
STA. 242+62

EXISTING TO REMAIN
STA. 242+67

R/W

32.8 m OF 200 mm WHT - 6 MD/C RPM'S
8.1 m OF 200 mm WHT
0.3 m2 OF REFL WHT NOSE PAINT
(1) TUBULAR DELINEATOR
89.277 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S
89.277 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S
79.947 m OF 150 mm WHT

DO NOT ENTER
2700-40-1
R5-1
STA. 243+24

8.160 m OF 150 mm WHT
(1) TUBULAR DELINEATOR
END 150 WHT
BEGIN 200 WHT
16.8 m OF 200 mm WHT
19.3 m 1.8/3.0 SKIP. YEL
12.546 m OF 150 mm YEL
4.9 m OF 600 mm WHT
10.521 m OF 150 mm WHT
30.000 m OF DBL YEL - 4 A/A RPM'S
36.471 m OF 150 mm YEL

NEW YORK AVE.

STOP
RIGHT TURN ONLY
2700-40-1
2700-46-11
R1-1
FTP-1
STA. 243+34

1/12/99

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 29+52.917

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 29+52.850

EXISTING TO REMAIN

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
Corrections/changes/red

BY CHECKED (Signature, Initials or Circle & Typed Name)

DATE

REVISIONS

DATE	BY	DESCRIPTION
DATE	BY	DESCRIPTION
DATE	BY	DESCRIPTION
DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-15

S.R. 546 (U.S. 92)

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 30+46.999

NEW YORK AVE.

MISSOURI AVE.

30.000 m OF 150 mm DBL YEL -
4 A/A RPM'S

59.353 m 3.0/9.0 SKIP. WHT -
5 MD/C RPM'S

59.353 m 3.0/9.0 SKIP. WHT -
5 MD/C RPM'S

3.9 m OF 600 mm WHT

10.696 m OF 150 mm WHT

20.305 m OF 150 mm WHT -
4 MD/C RPM'S

26.285 m OF 150 mm WHT

4.0

+16.999

R/W

BEGIN SIGNING AND
MARKING EXCEPTION
STA. 244+39.000

NA

3.1
3.1
3.1
3.0

+90.829

+13.113

+01.000

244

245

℄ SURVEY

30

30

30

3.1
3.1
3.1

MATCH LINE STA. 243+80.000 SEE SHEET S-14

MATCH LINE STA. 245+20.000 SEE SHEET S-16

118.706 m OF 150 mm YEL
59.353 m 3.0/9.0 SKIP. WHT -
5 MD/C RPM'S
59.353 m 3.0/9.0 SKIP. WHT -
5 MD/C RPM'S
59.353 m OF 150 mm WHT

R/W

JCT JCT BUS 98 98

EXISTING TO REMAIN

MISSOURI AVE.

1:400

N

I-100-46-21

245+19

WEST US 27

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISION	DATE	BY
DESCRIPTION	DATE	BY
DESCRIPTION	DATE	BY
DESCRIPTION	DATE	BY
DESCRIPTION	DATE	BY

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-16

S.R. 546 (U.S. 92)

FLORIDA AVE.

MATCH LINE STA. 245+20.000 SEE SHEET S-15

MATCH LINE STA. 246+60.000 SEE SHEET S-17

81.886 m OF 150 mm WHT
51.8 m OF 200 mm WHT - 9 MD/C RPM'S
8.266 m OF 150 mm WHT - 2 MD/C RPM'S
8.266 m OF 150 mm WHT - 2 MD/C RPM'S
73.732 m OF 150 mm WHT - 12 MD/C RPM'S
73.732 m OF 150 mm YEL

2700-40-1
2700-46-11
RI-1
FTP-1
STA. 246+58

EXISTING TO REMAIN

RIGHT TURN ONLY

STOP

BUSINESS NORTH 98

R/W

END SIGNING AND MARKING EXCEPTION STA. 246+01.300

NA

246

℄ SURVEY

30

1:400

N

3.6
3.0
3.0
3.0
3.0
+10.000
+50.151
+53.000

3.1
3.1
3.1
+54.858

50.470 m 3.0/9.0 SKIP. WHT - 4 MD/C RPM'S
50.470 m 3.0/9.0 SKIP. WHT - 4 MD/C RPM'S
73.732 m OF 150 mm YEL
73.732 m 3.0/9.0 SKIP. WHT - 5 MD/C RPM'S
73.732 m 3.0/9.0 SKIP. WHT - 5 MD/C RPM'S
53.710 m OF 150 mm WHT

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-17

S.R. 546 (U.S. 92)

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 30+50.495

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 30+50.092

TENNESSEE AVE.

KENTUCKY AVE.

1:400

72.694 m OF 150 mm WHT
30.000 m OF 150 mm DBL YEL - 4 A/A RPM'S
5.8 m OF 600 mm WHT
140.195 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S
140.195 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S
38.750 m OF 150 mm WHT - 7 MD/C RPM'S
140.270 m OF 150 mm YEL

2700-40-I
2700-46-II
RI-I
FTP-I
STA. 247+60

TO WEST EAST
RIGHT TURN ONLY
STOP

30.000 m OF 150 mm DBL YEL - 4 A/A RPM'S
5.0 m OF 600 mm WHT
22.677 m OF 150 mm WHT
EXISTING TO REMAIN

4.7
+20.495
R/W
+52.844
4.5
+20.092
+80.000
247
+99.000
℄ SURVEY
3.1
3.1
3.1
+39.000
+55.295
+76.187
+76.000
+82.509
+82.881
4.6

STA. 246+60.000 SEE SHEET S-16

MATCH LINE STA. 246+60.000

MATCH LINE STA. 248+00.000

STA. 248+00.000 SEE SHEET S-18

23.478 m OF 150 mm WHT - 5 MD/C RPM'S
140.270 m OF 150 mm YEL
140.195 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S
116.493 m 3.0/9.0 SKIP. WHT - 9 MD/C RPM'S
79.108 m OF 150 mm WHT
5.1 m OF 600 mm WHT
30.000 m OF 150 mm DBL YEL - 4 A/A RPM'S

STOP
RIGHT TURN ONLY
2700-40-I
2700-46-II
RI-I
FTP-I
STA. 246+72

4.885 m OF 600 mm WHT
30.000 m OF 150 mm DBL YEL - 4 A/A RPM'S

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 29+52.509

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 29+52.881

STOP
RIGHT TURN ONLY
2700-40-I
2700-46-II
RI-I
FTP-I
STA. 247+72

MUST TURN RIGHT
LANE ONLY
2700-46-II
2700-40-I
R3-7R
STA. 247+95

23.478 m OF 150 mm WHT - 5 MD/C RPM'S
23.478 m OF 150 mm WHT

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
ORIGINAL PLANS TO CHECKING
DATE
60% Correction/Review/Change Prod.

REVISIONS							
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-18

S.R. 546 (U.S. 92)

1:400

MATCH LINE STA. 248+00.000 SEE SHEET S-17

MATCH LINE STA. 249+40.000 SEE SHEET S-19

EXISTING TO REMAIN

WEST NORTH 92 W 98

19.246 m OF 150 mm DBL YEL - 4 A/A RPM'S
19.246 m OF 150 mm WHT - 3 MD/C RPM'S
19.246 m OF 150 mm WHT - 3 MD/C RPM'S
12.2 m OF 600 mm WHT
46.0 m OF 300 mm WHT
65.3 m OF 300 mm WHT
0.6 m2 OF REFL YEL NOSE PAINT
54.755 m OF 150 mm WHT
52.719 m 3.0/9.0 SKIP, WHT - 5 MD/C RPM'S
52.719 m 3.0/9.0 SKIP, WHT - 5 MD/C RPM'S
52.719 m OF 150 mm YEL

MATCH LINE STA. 30+40.000 SEE SHEET S-43

19.246 m 3.0/9.0 SKIP. WHT - 2 MD/C RPM'S

25.231 m 3.0/9.0 SKIP. WHT - 2 MD/C RPM'S
55.720 m OF 150 mm WHT
43.311 m OF 150 mm WHT - 7 MD/C RPM'S
30.006 m OF 150 mm WHT - 5 MD/C RPM'S
61.5 m OF 300 mm WHT
15.4 m OF 600 mm WHT
56.431 m OF 150 mm YEL

SOUTH NORTH 92 W 98

Z100-46-21

LAKELAND HILLS AVE.

+20.663

3.4 3.3 2.8 3.6 3.4

3.0 1.217

+84.503

R/W

+49.781

+19.000

+32.700

+83.751

+15.000

+28.000

249

℄ SURVEY

30

3.0 3.0

DRIVERS LICENSE

LAKELAND CIVIC CENTER

Z100-46-21

EAST SOUTH 92 W 98

Z100-46-21

EXISTING TO REMAIN

56.431 m OF 150 mm YEL
56.431 m 3.0/9.0 SKIP. WHT - 5 MD/C RPM'S
56.300 m OF 150 mm WHT
0.6 m2 OF REFL YEL NOSE PAINT

R/W

WORTH SOUTH

Z100-46-21

DRIVERS LICENSE

Z100-46-21

52.719 m OF 150 mm YEL
52.719 m OF 150 mm WHT - 8 MD/C RPM'S
30.000 m OF 150 mm WHT - 5 MD/C RPM'S
52.719 m OF 150 mm WHT - 8 MD/C RPM'S
49.733 m OF 150 mm WHT
15.441 m OF 600 mm WHT

31.215 m 3.0/9.0 SKIP. WHT - 3 MD/C RPM'S

3.0 1.332

+79.412

2.9 3.5 4.4

3.9 3.3

MASSACHUSETTS AVE.

48.0 m OF 300 mm WHT
12.7 m OF 600 mm WHT
29.231 m OF 150 mm WHT - 5 MD/C RPM'S
29.231 m OF 150 mm WHT - 5 MD/C RPM'S
29.231 m OF 150 mm DBL YEL - 4 A/A RPM'S

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 29+49.412

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISION	DATE	BY

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

S.R. 546 (U.S. 92)

STATE PROJ. NO.	SHEET NO.
16100-3515	S-19
FINANCIAL PROJECT ID	
197604-1-52-01	

MEET AND MATCH EXIST
STA. 30+50.254

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 30+47.440

IOWA AVE.

VERMONT AVE.

1
STA. 249+55
2700-41-10
2700-46-11

2700-40-1
2700-46-11
RI-1
FTP-1
STA. 249+62

MARCHANT STADIUM
POLK CITY

RIGHT TURN ONLY

STOP

30.000 m OF 150 mm DBL YEL - 4 A/A RPM'S
5.9 m OF 600 mm WHT
17.388 m OF 150 mm WHT
140.195 m 3.0/9.0 SKIP. WHT - II MD/C RPM'S
140.195 m OF 150 mm YEL

+20.254
5.6
+57.404
+81.086
R/W

M2-1
FTP28
STA. 250+25
2700-40-1
2700-46-11

30.000 m OF 150 mm DBL YEL - 4 A/A RPM'S
5.5 m OF 600 mm WHT
75.590 m OF 150 mm WHT

2700-40-1
2700-46-11
RI-1
FTP-1
STA. 250+63

RIGHT TURN ONLY

STOP

3.1
+17.440
+57.029

250

℄ SURVEY

3.6
3.6
3.6
3.6

MATCH LINE STA. 249+40.000 SEE SHEET S-18

MATCH LINE STA. 250+80.000 SEE SHEET S-20

+53.877
+77.572
+56.449

+82.741
4.6

13.825 m OF 150 mm WHT
6.1 m OF 600 mm WHT
30.000 m OF 150 mm DBL YEL - 4 A/A RPM'S

STOP
RIGHT TURN ONLY
2700-40-1
2700-46-11
RI-1
FTP-1
STA. 249+73

AUBURNDALE 11
HAINES CITY 21
2700-46-11
2700-41-10
2
STA. 249+80

140.195 m OF 150 mm YEL
140.195 m 3.0/9.0 SKIP. WHT - II MD/C RPM'S
5.4 m OF 600 mm WHT
30.000 m OF 150 mm DBL YEL - 4 A/A RPM'S
78.931 m OF 150 mm WHT

R/W

SPEED LIMIT

EXISTING TO REMAIN

+82.741
2.1

STOP
RIGHT TURN ONLY
2700-40-1
2700-46-11
RI-1
FTP-1
STA. 250+75

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 29+52.741

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 29+52.741

1:400

EQUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE 1/12/99

REVISIONS									
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-20

S.R. 546 (U.S. 92)

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 30+46.951

30.000 m OF 150 mm DBL YEL -
4 A/A RPM'S

1:400

N

EXISTING TO REMAIN

SPEED LIMIT 35

4.8 m OF 600 mm WHT
24.471 m 1.8/3.0 SKIP. YEL
0.6 m2 OF REFL YEL NOSE PAINT

GILMORE AVE.

4.3

+16.951

140.195 m 3.0/9.0 SKIP.
WHT - 11 MD/C RPM'S
74.764 m OF 150 mm WHT
74.925 m OF 150 mm YEL

R/W

EXISTING TO REMAIN

0.6 m2 OF REFL YEL NOSE PAINT
41.664 m OF 150 mm WHT
27.349 m OF 150 mm WHT -
5 MD/C RPM'S
40.574 m OF 150 mm YEL

+78.273

+81.167

251

℄ SURVEY

(1) TUBE DELIN.

+55.937

+55.100

+57.148

+79.000

3.6
3.6
3.0

252

+07.000

(1) TUBE DELIN.

+85.220

MATCH LINE STA. 250+80.000 SEE SHEET S-19

+81.000

R/W

74.925 m OF 150 mm YEL
74.041 m OF 150 mm WHT - 12 MD/C RPM'S
140.195 m 3.0/9.0 SKIP. WHT - 11 MD/C RPM'S
77.174 m OF 150 mm WHT

EXISTING TO REMAIN

+82.817

4.7

GILMORE AVE.

40.574 m OF 150 mm YEL
34.831 m OF 150 mm WHT
24.471 m 1.8/3.0 SKIP. YEL
5.2 m OF 600 mm WHT
30.000 m OF 150 mm DBL YEL - 4 A/A RPM'S

MATCH LINE STA. 252+20.000 SEE SHEET S-20

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 29+52.817

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
BY
DESCRIPTION

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

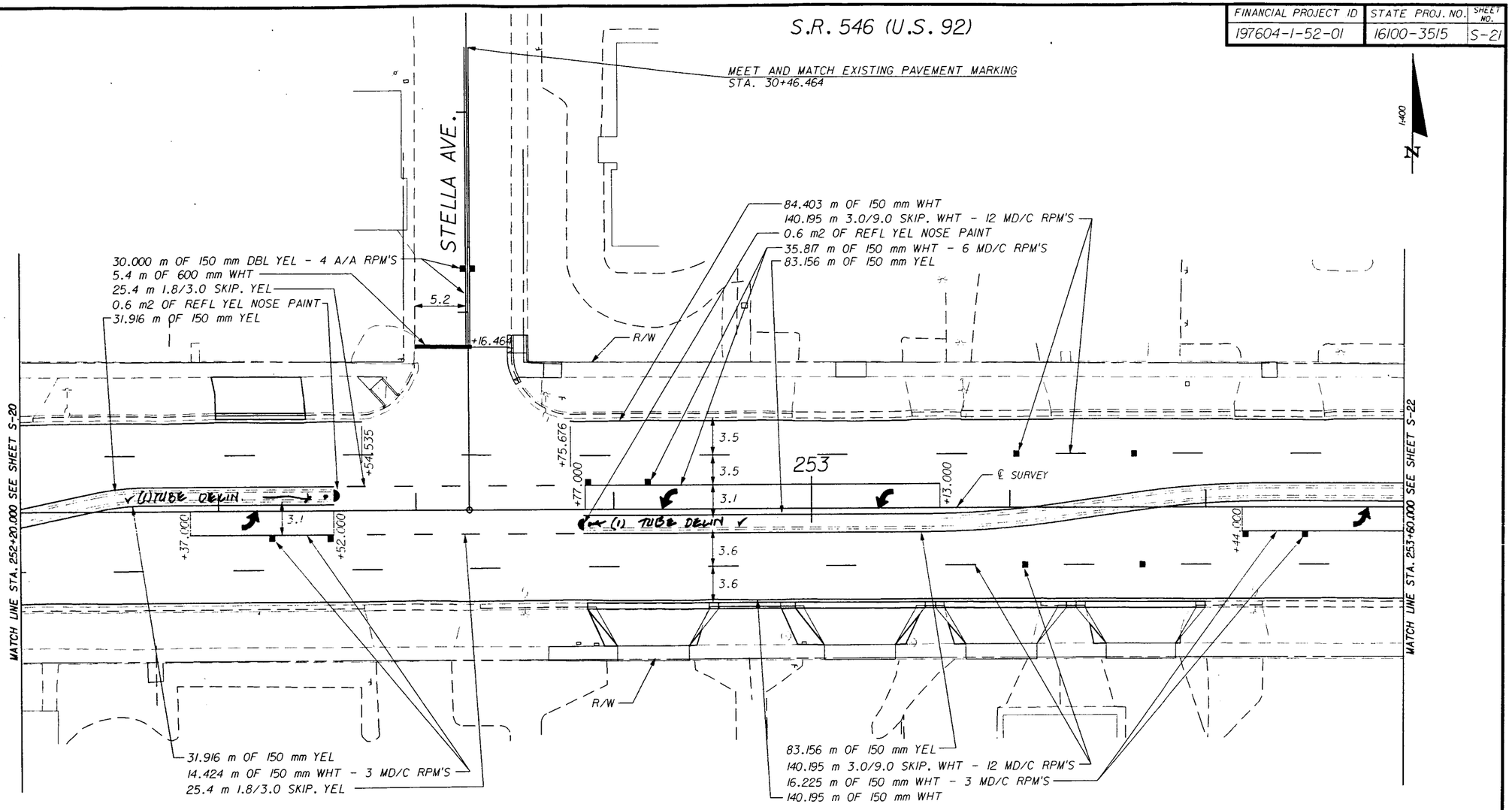
Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-21

S.R. 546 (U.S. 92)



QUALITY CONTROL/QUALITY ASSURANCE REVIEW

1/12/99

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

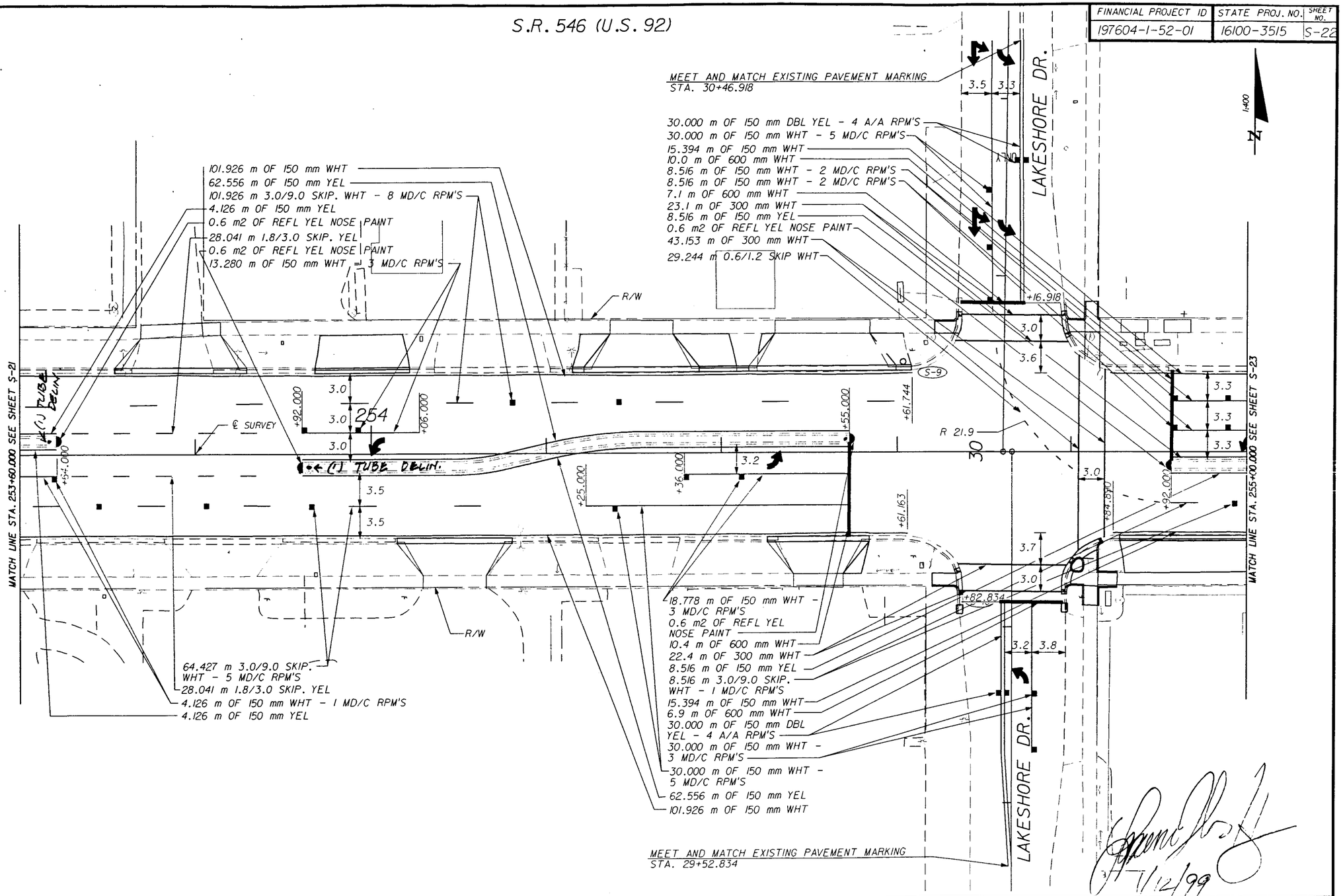
Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

S.R. 546 (U.S. 92)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-22



QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS									
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-23

S.R. 546 (U.S. 92)

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 30+46.807

MORGAN AVE.

2700-40-1
2700-46-11
R1-1
FTP-1
STA. 255+68

RIGHT TURN ONLY

STOP

1:400

N

118.188 m 3.0/9.0 SKIP WHT - 10 MD/C RPM'S
57.880 m OF 150 mm WHT
21.812 m OF 150 mm WHT - 4 MD/C RPM'S
38.000 m OF 150 mm WHT - 6 MD/C RPM'S

30.000 m OF 150 mm DBL YEL - 4 A/A RPM'S
3.9 m OF 600 mm WHT
19.4 m 1.8/3.0 SKIP. YEL
51.284 m OF 150 mm WHT
118.188 m 3.0/9.0 SKIP WHT - 10 MD/C RPM'S
35.4 m OF 200 mm WHT - 5 MD/C RPM'S
27.828 m OF 150 mm YEL
0.7 m2 OF REFL WHT NOSE PAINT
1.4 m OF 450 mm WHT
1 TUBULAR DELINEATOR

R/W

3.5
+16.807
+97.724
+58.007
+21.812
+38.000
+62.861
+78.317
END 200 WHT
BEGIN 150 WHT
℄ SURVEY
OUTSIDE DELIN.
256
+83.943
+105.678
+12.178
+35.000
K OUTSIDE DELIN.
END 150 WHT
BEGIN 200 WHT
+92.673
+90.000
+60.000
3.3
3.3
3.3
3.5
3.5
3.6

MATCH LINE STA. 255+00.000 SEE SHEET S-22

MATCH LINE STA. 256+40.000 SEE SHEET S-24

78.514 m OF 150 mm YEL
78.514 m OF 150 mm YEL
140.000 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S
90.102 m OF 150 mm WHT
30.000 m OF 150 mm WHT - 5 MD/C RPM'S

29.8 m OF 200 mm WHT - 3 MD/C RPM'S
0.6 m2 OF REFL YEL NOSE PAINT
1.4 m OF 450 mm WHT
1 TUBULAR DELINEATOR

DO NOT ENTER
2700-40-1
R5-1
STA. 255+92

DO NOT ENTER
2700-40-1
R5-1
STA. 255+93

0.7 m2 OF REFL WHT NOSE PAINT
7.812 m OF 150 mm WHT
19.5 m 1.8/3.0 SKIP. YEL
25.2 m 1.8/3.0 SKIP. WHT
37.021 m OF 150 mm WHT
0.6 m2 OF REFL YEL NOSE PAINT
27.828 m OF 150 mm YEL
1.812 m OF 150 mm WHT - 1 MD/C RPM'S

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISION							
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

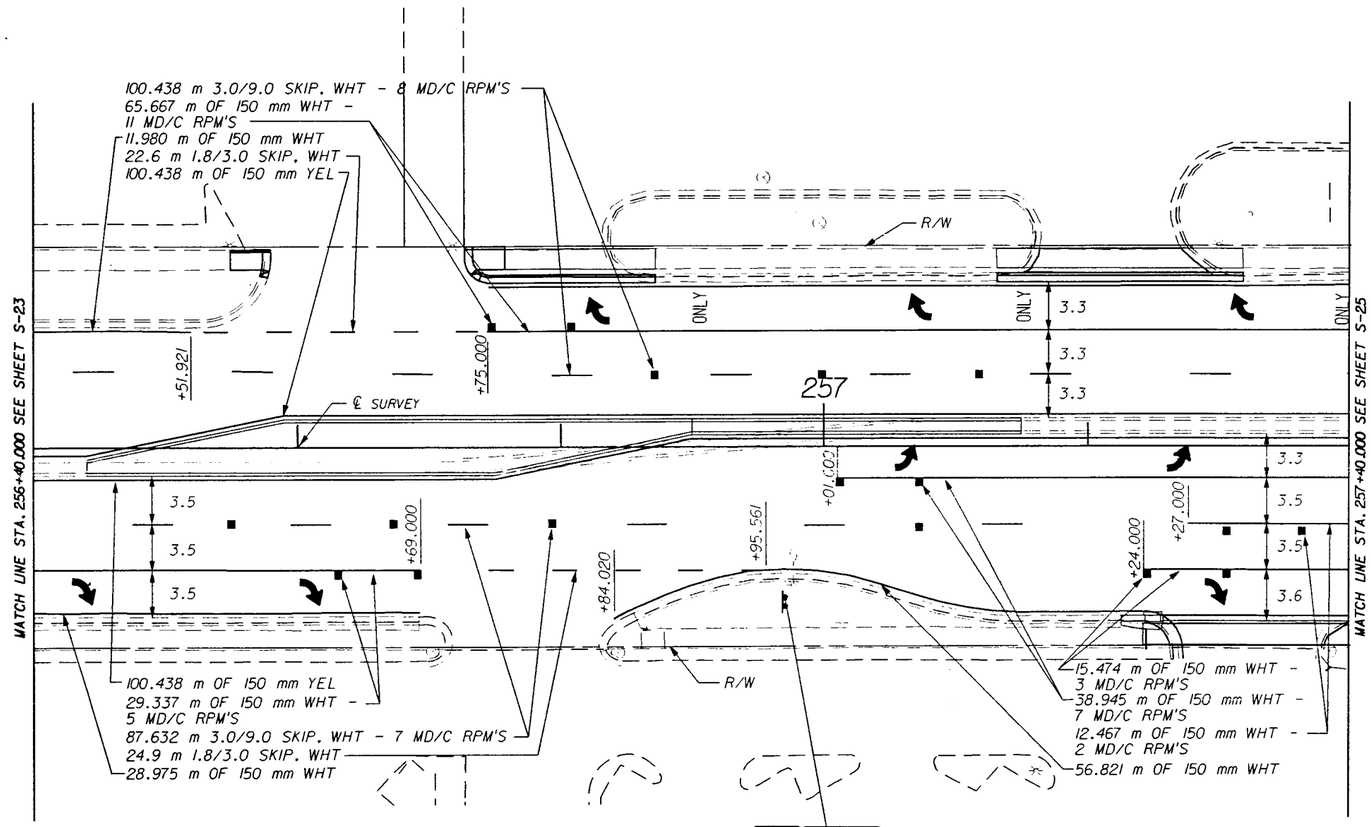
FLORIDA DEPARTMENT OF TRANSPORTATION

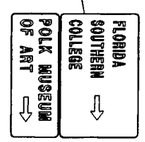
SIGNING & PAVEMENT MARKING

S.R. 546 (U.S. 92)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-24

1:400





2700-46-12
2700-41-10
3
4
STA. 256+97

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS									
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-25

S.R. 546 (U.S. 92)

N

1:400

5
6

STA. 258+43
2700-41-10
2700-46-12

FLORIDA SOUTHERN COLLEGE

POLK MUSEUM OF ART

OLD MALL ENTRANCE

43.3 m OF 300 mm WHT
24.800 m OF 150 mm WHT + 4 MD/C RPM'S
17.686 m 3.0/9.0 SKIP. WHT - 2 MD/C RPM'S
0.6 m2 OF REFL YEL NOSE PAINT
17.686 m OF 150 mm YEL

51.7 m OF 300 mm WHT
13.4 m OF 600 mm WHT
62.287 m OF 150 mm WHT
21.656 m OF 150 mm WHT - 4 MD/C RPM'S
30.000 m OF 150 mm WHT - 5 MD/C RPM'S
59.038 m OF 150 mm WHT - 10 MD/C RPM'S
62.957 m OF 150 mm YEL

R/W

3.0

3.6
3.2
3.2
+57.701
+64.875
ONLY

3.3
3.5
3.5
3.6

MATCH LINE STA. 257+40.000 SEE SHEET S-24

℄ SURVEY

30

3.0
3.0
3.0

+81.895

+18.000
+27.000
+56.070
+97.009
+12.339

258

3.6
3.2
3.2
3.3

3.6
3.6

MATCH LINE STA. 258+60.000 SEE SHEET S-26

62.957 m OF 150 mm YEL
0.6 m2 OF REFL YEL NOSE PAINT
62.957 m 3.0/9.0 SKIP. WHT - 6 MD/C RPM'S
47.745 m OF 150 mm WHT
52.2 m OF 300 m WHT
11.1 m OF 600 mm WHT
30.000 m 3.0/9.0 SKIP. WHT - 3 MD/C RPM'S
30.000 m OF 150 mm DBL YEL - 4 A/A RPM'S
30.000 m OF 150 mm WHT - 5 MD/C RPM'S

SPEED LIMIT 35

EXISTING TO REMAIN

R/W

17.686 m OF 150 mm WHT
17.686 m OF 150 mm YEL
17.686 m OF 150 mm WHT - 4 MD/C RPM'S
17.686 m OF 150 mm WHT - 4 MD/C RPM'S
17.686 m OF 150 mm WHT - 4 MD/C RPM'S
13.9 m OF 600 mm WHT
51.6 m OF 300 mm WHT

3.5
3.1
3.1
3.6

INGRAHAM AVE.

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 29+51.895

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS							
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

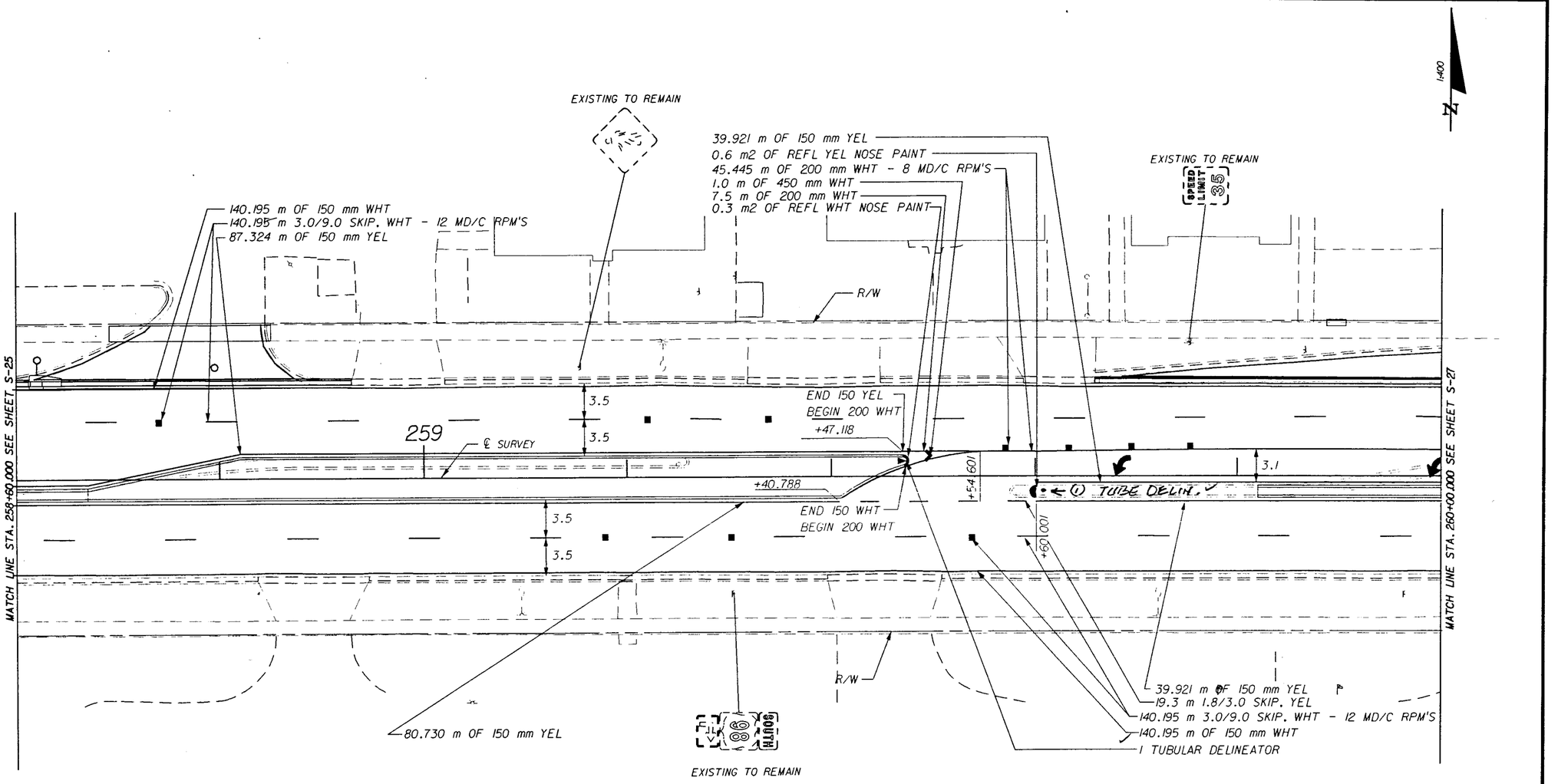
Keller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

S.R. 546 (U.S. 92)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-26



1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS									
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

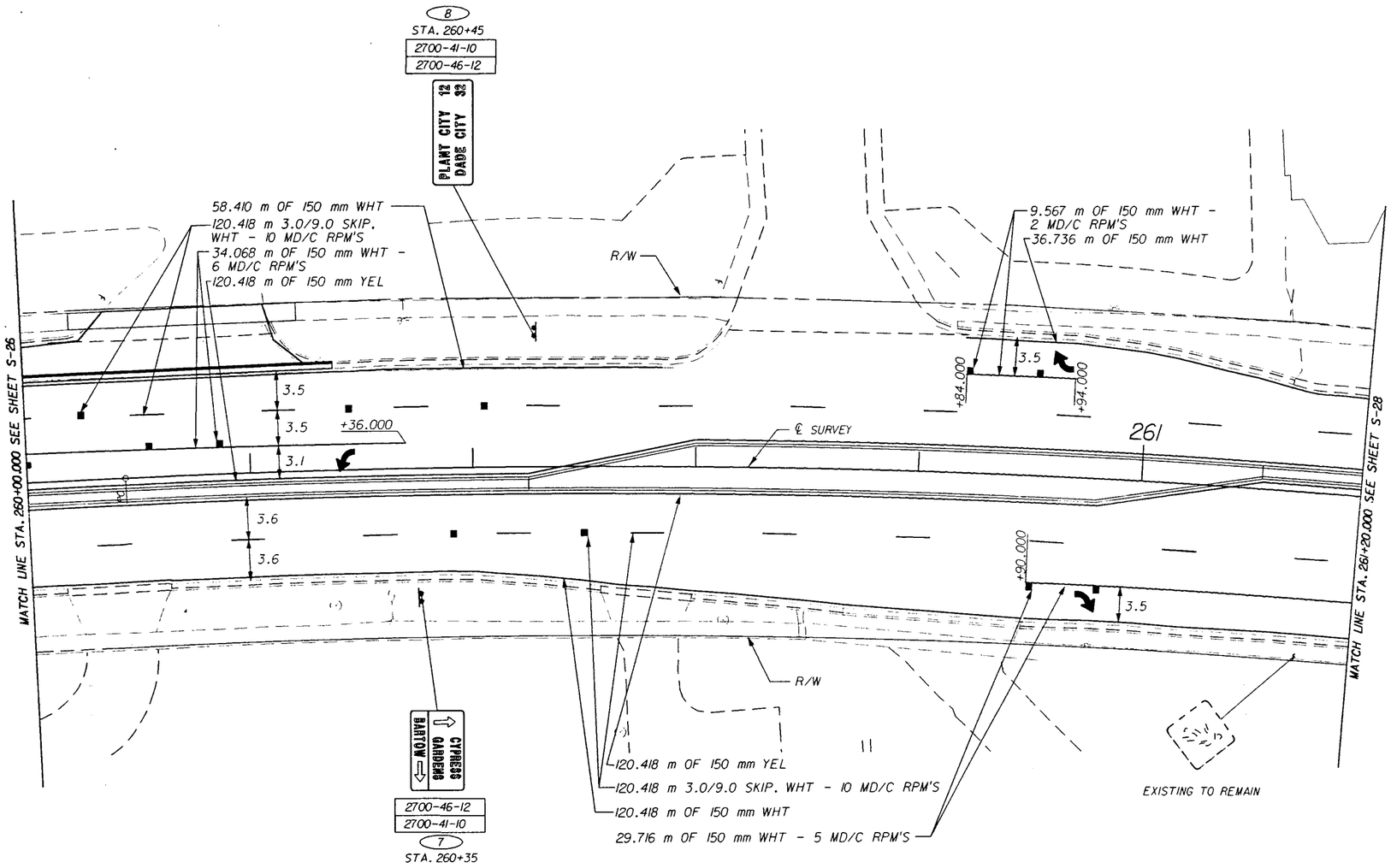
Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

S.R. 546 (U.S. 92)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-27



1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-26

S.R. 546 (U.S. 92)

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 30+50.000

58.764 m OF 150 mm DBL YEL -
16 A/A RPM'S
25.000 m OF 150 mm WHT -
4 MD/C RPM'S
25.000 m OF 150 mm WHT -
4 MD/C RPM'S
13.0 m OF 600 mm WHT
49.1 m OF 300 mm WHT
0.6 m2 OF REFL YEL NOSE PAINT
35.426 m OF 150 mm WHT
46.233 3.0/9.0 SKIP. WHT -
4 MD/C RPM'S
46.233 m OF 150 mm YEL

EXISTING TO REMAIN
WEST NORTH 92 W 98

EXISTING TO REMAIN
WEST NORTH 92 W 98

LAKE PARKER AVE.

32.55 m OF 450 mm YEL
54.652 m OF 150 mm DBL YEL -
18 A/A RPM'S
45.601 m OF 300 mm WHT
40.1 m 0.6/1.2 SKIP. WHT
10.3 m OF 600 mm WHT
4.437 m 3.0/9.0 SKIP. WHT -
0 MD/C RPM'S
34.158 m OF 150 mm WHT
30.000 m OF 150 mm WHT -
5 MD/C RPM'S
34.158 m OF 150 mm WHT -
6 MD/C RPM'S
34.158 m OF 150 mm YEL

EXISTING TO REMAIN
SOUTH NORTH 88 W 98

R/W

R/W

3.6 3.6 3.6

+20.000

3.0

3.6

3.0

R 24.2

℄ SURVEY

262

30

3.5
3.5

+55.022

+66.000

3.0

3.5
3.5
3.5
3.5

+22.000

+36.000

3.5
3.5
3.1

+36.000

+06.000

+09.077

3.5
3.5

+31.596

MATCH LINE STA. 261+20.000 SEE SHEET S-27

MATCH LINE STA. 262+40.000 SEE SHEET S-29

+57.869

+79.000

4.5

3.0

261+40

SOUTH 88 W 98

M2-1 FTP 28

EXISTING TO REMAIN
~~2700-40-1~~

+80.000

3.6

LAKE PARKER AVE.

ONLY

+64.070

3.6 3.6 3.6 3.6 3.6

30.000 m OF 150 mm WHT -
5 MD/C RPM'S
46.233 m OF 150 mm YEL
43.745 m OF 150 mm WHT -
7 MD/C RPM'S
15.665 m 3.0/9.0 SKIP.
WHT - 2 MD/C RPM'S
37.448 m OF 200 mm WHT -
6 MD/C RPM'S
10.7 m OF 600 mm WHT
53.4 m OF 200 mm WHT -
15 C/R RPM'S
24.4 m OF 200 mm WHT -
7 C/R RPM'S
35.0 m OF 450 mm WHT
29.749 m OF 150 mm YEL
13.4 m OF 200 mm WHT

EXISTING TO REMAIN

R/W

34.158 m OF 150 mm YEL
34.158 m 3.0/9.0 SKIP. WHT -
3 MD/C RPM'S
22.022 m OF 150 mm WHT
0.6 m OF REFL YEL NOSE PAINT
42.521 m OF 300 mm WHT
12.4 m OF 600 mm WHT
0.3 m2 OF REFL YEL NOSE
PAINT
29.749 m OF 150 mm YEL
29.749 m OF 150 mm WHT -
5 MD/C RPM'S
29.749 m OF 150 mm WHT -
5 MD/C RPM'S

EXISTING TO REMAIN
SOUTH 88 W 98

R/W

MATCH LINE STA. 29+50.000 SEE SHEET S-46

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS									
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

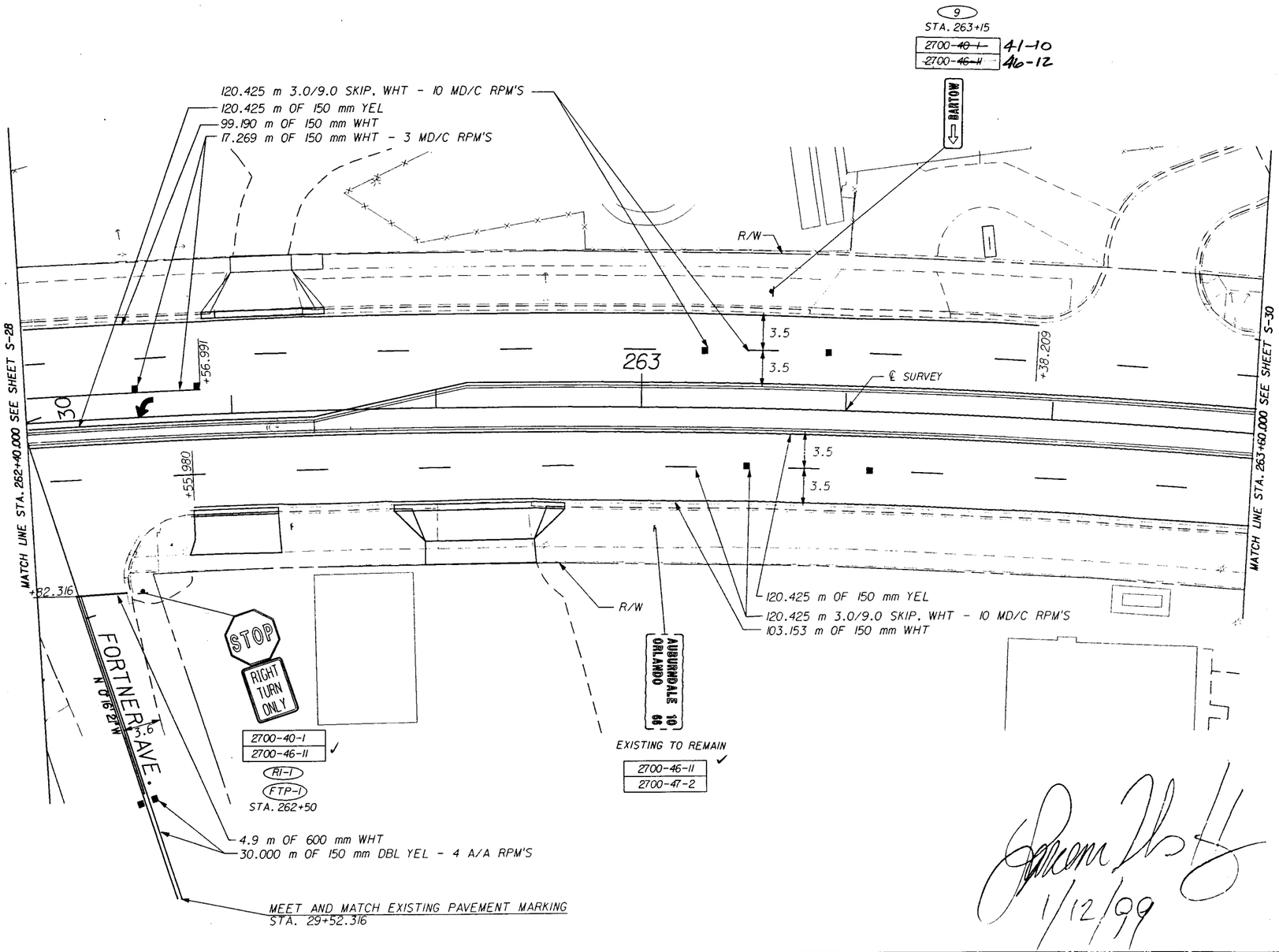
Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

S.R. 546 (U.S. 92)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-29



1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

S.R. 546 (U.S. 92)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-30

1"=100'

56.874 m OF 150 mm WHT
140.195 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S
62.059 m OF 150 mm WHT
140.195 m OF 150 mm YEL

EXISTING TO REMAIN
SPEED LIMIT 35
R/W
+22.062
3.5
3.5
264
30
+85.762
+05.926
+80.255
MATCH LINE STA. 263+60.000 SEE SHEET S-29

EXISTING TO REMAIN
ICT 98
+43.378
℄ SURVEY
+47.000
3.3
3.5
3.5
MATCH LINE STA. 265+00.000 SEE SHEET S-31

R/W

140.195 m OF 150 mm YEL
140.195 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S
52.791 m OF 150 mm WHT - 9 MD/C RPM'S
94.145 m OF 150 mm WHT

STOP
RIGHT TURN ONLY
3.6
3.6
SPEED LIMIT 45
EXISTING TO REMAIN

2700-40-1
2700-46-11 ✓
RI-1
FTP-1
STA. 264+02

5.0 m OF 600 mm WHT
30.000 m OF 150 mm DBL YEL - 4 A/A RPM'S
25.785 m OF 150 mm WHT

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 29+50.255

BUDDWOOD AVE.

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
CRITICAL PATH SCHEDULE DATED 10/15/98
D.C. Ck. 60 Correction (Change Req.)
DESIGN CONSIDERATIONS (Notes Highlighted)
East-West Screen (Green Check or Circle & Remark Incorrect)
DATE

REVISION

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-31

S.R. 546 (U.S. 92)

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 30+47.074

LAKE PARKER

EDGEWATER BEACH DR.

30.000 m OF 150 DBL YEL - 4 A/A RPM'S
5.9 m OF 600 mm WHT
6.0
RI-1
STA. 265+46
2700-40-1
36.0 m 1.8/3.0 SKIP. YELLOW
29.344 m 3.0/9.0 SKIP. WHT -2 MD/C RPM'S
0.6 m2 OF REFL YEL NOSE PAINT
27.652 m OF 150 mm WHT
21.086 m OF 150 mm YEL
+17.074
+21.736
+21.000
+27.297
(1) TUBE DELIN.
EXISTING TO REMAIN
2700-46-11
(4 MILES)
R/W
+51.630
+57.000
3.4
3.4
3.4
266
℄ SURVEY
88.517 m OF 150 mm WHT
89.884 m 3.0/9.0 SKIP. WHT - 7 MD/C RPM'S
74.799 m OF 150 mm WHT - 12 MD/C RPM'S
82.693 m OF 150 mm YEL
+32.000
+52.523
(1) TUBE DELIN.
R/W
82.693 m OF 150 mm YEL
0.6 m2 OF REFL YEL NOSE PAINT
36.0 m 1.8/3.0 SKIP. YELLOW
87.617 m 3.0/9.0 SKIP. WHT -7 MD/C RPM'S
88.517 m OF 150 mm WHT

MATCH LINE STA. 265+00.000 SEE SHEET S-30

MATCH LINE STA. 266+40.000 SEE SHEET S-32

+82.927
21.086 m OF 150 mm YEL
21.086 m OF 150 mm WHT - 4 MD/C RPM'S
27.348 m 3.0/9.0 SKIP. WHT - 3 MD/C RPM'S
27.348 m OF 150 mm WHT
8.262 m OF 200 mm WHT
R/W
5.8
5.8
RI-2
STA. 265+27
2700-40-1
STOP
2700-40-1
RI-1
STA. 265+46
5.5 m OF 600 mm WHT
32.703 m OF 150 mm DBL YEL - 4 A/A RPM'S
17.511 m OF 200 mm WHT
4.623 m OF 450 mm WHT - 5 C/R RPM'S
0.523 m2 OF REFL WHT NOSE PAINT
4.0 m OF 600 mm WHT
RI-1
STA. 265+33
2700-40-1
STOP
+50.927
R/W

GOLCONDA RD.

EQUALITY CONTROL / QUALITY ASSURANCE REVIEW

1/12/99

REVISION DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-32

S.R. 546 (U.S. 92)

LAKE PARKER

1"=100'

VOID

139.512 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S
14.772 m OF 150 mm WHT - 3 MD/C RPM'S
10.8 m OF 450 mm WHT
61.5 m OF 200 mm WHT
30.8 m 1.8/3.0 SKIP. YEL
0.5 m2 OF REFL YEL NOSE PAINT
24.210 m OF 150 mm YEL

R4-7
2700-40-1
STA. 266+63

R/W

EXISTING TO REMAIN
NO PARKING ON RIGHT IN ONE WAY

MATCH LINE STA. 266+40.000 SEE SHEET S-31

+42.061
+63.576
+63.541
9.0
267
℄ SURVEY
+05.494
+28.456
PC
3.35
3.35
3.21
3.35
3.35
POT STA 30+00.000
+65.906
+91.000
+92.675

M4-6
R3-9b
2700-40-1
STA. 267+28

END CENTER LINE ONLY

VOID

51.510 m 3.0/9.0 SKIP. YEL - 8 A/A RPM'S
51.510 m OF 150 mm YEL

MATCH LINE STA. 267+80.000 SEE SHEET S-33

+81.449
5.8
N. GARY RD.

R/W

STOP
RIGHT TURN ONLY

2700-40-1
2700-46-11
R1-1
FTP-1
STA. 266+88

23.556 m OF 150 mm YEL
25.869 m 3.0/9.0 SKIP. WHT - 2 MD/C RPM'S
25.869 m OF 150 mm WHT
27.040 m 1.8/3.0 SKIP. YEL
6.4 m OF 600 mm WHT
30.000 m OF 150 mm DBL YEL - 4 A/A RPM'S

VOID

END CENTER LINE ONLY

2700-40-1
M4-6
R3-9b
STA. 267+28

37.992 m OF 150 mm DBL YEL - 6 A/A RPM'S

51.510 m 3.0/9.0 SKIP. YEL - 8 A/A RPM'S
51.510 m OF 150 mm YEL
94.000 m 3.0/9.0 SKIP. WHT - 8 MD/C RPM'S
88.415 m OF 150 mm WHT

VOID

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 29+51.449

VOID

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
DATE
DATE

REVISION: DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-32

S.R. 546 (U.S. 92)

LAKE PARKER

139.512 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S
14.772 m OF 150 mm WHT - 3 MD/C RPM'S
10.8 m OF 450 mm WHT
61.5 m OF 200 mm WHT
30.8 m 1.8/3.0 SKIP. YEL
0.5 m2 OF REFL YEL NOSE PAINT
24.210 m OF 150 mm YEL

M4-6
R3-9b
2700-40-1
STA. 267+28
END CENTER LANE ONLY

51.510 m 3.0/9.0 SKIP. YEL - 8 A/A RPM'S
51.510 m OF 150 mm YEL

R4-7
2700-40-1
STA. 266+63

R/W

EXISTING TO REMAIN

REMOVE 24.210 m OF 150 mm YELLOW

32.9 m OF 450 mm YEL @ 3.0 O.C.

66.721 m OF 150 mm DBL YEL
28 A/A RPM'S

9.0

267

℄ SURVEY

+42.061
+48.133
+63.039
+91.822
+91.000
+05.494
+28.456
PC
3.4
3.4
3.4
3.35
3.35
3.21
3.35
3.35
3.35

MATCH LINE STA. 266+40.000 SEE SHEET S-31

MATCH LINE STA. 267+80.000 SEE SHEET S-33

+63.541
(1) TUBE DELIN.
000'00+0F
+65.906
+80.906
+84.803
+92.675
+91.000
R=14.039
R=10.933
R=9.811

REMOVE 57.840 OF 1.8/3.0 YELLOW SKIP

37.635 m OF 150 mm DBL YEL
10 A/A RPM'S

4.5
+81.449

23.556 m OF 150 mm YEL
25.869 m 3.0/9.0 SKIP. WHT - 2 MD/C RPM'S
25.869 m OF 150 mm WHT
27.040 m 1.8/3.0 SKIP. YEL
6.4 m OF 600 mm WHT
30.000 m OF 150 mm DBL YEL - 4 A/A RPM'S

REMOVE 1.877 m OF 600 mm WHT

10.434 m OF 450 mm YEL @ 3.0 O.C.

R/W

STOP
RIGHT TURN ONLY

N. GARY RD.

ONLY
ONLY

+60.000

2700-40-1
2700-46-11
R1-1
FTP-1
STA. 266+88

BEGIN CENTER LANE ONLY

2700-40-1
M4-6
R3-9b
STA. 267+28

37.992 m OF 150 mm DBL YEL - 6 A/A RPM'S

51.510 m 3.0/9.0 SKIP. YEL - 8 A/A RPM'S
51.510 m OF 150 mm YEL
94.000 m 3.0/9.0 SKIP. WHT - 8 MD/C RPM'S
88.415 m OF 150 mm WHT

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 29+51.449

Ellis Davis PE
10/25/00
for Construction
Revision #2

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
10/24/00	PSB	2 ADDED TWO CHANNELIZED GORE AREAS, REMOVED STRIPING AS SHOWN INSTALLED STRIPING, STATION TICKS, DIRECTIONAL ARROWS, PAVEMENT MESSAGES AND RADIUS AS SHOWN.						

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

(ITINATOR: CONCURRENCE THIS CHECK TO CONDOT Yellow (LEAVE AS IS) DATE
CHANGE INCORPORATION (YELLOW HIGHLIGHTED) DATE
O.C. BACK CHECKER (Green Check or Circle & Remark Incorrect) DATE
QUALITY CONTROL/QUALITY ASSURANCE REVIEW
ORTHOTRON Ready for Checking
O.C. CHECKED (Correct Yellow Changes Read) DATE

S:\DGN\SHT\PLANS\PSB\DON
Thu Oct 26 13:24:52 2000
EPSON LQ-2450

S.R. 546 (U.S. 92)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-33

1:400

LAKE PARKER

139.252 m OF 150 mm WHT
139.252 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S
139.252 m OF 150 mm YEL
139.252 m 3.0/9.0 SKIP. YEL - 24 A/A RPM'S

R/W

EXISTING TO REMAIN

NO PARKING ON RIGHT OF WAY

268

℄ SURVEY

269

3.35
3.35
3.21
3.35
3.35

MATCH LINE STA. 267+80.000 SEE SHEET S-32

MATCH LINE STA. 269+20.000 SEE SHEET S-34

R/W

142.807 m OF 150 mm YEL
142.807 m 3.0/9.0 SKIP. YEL - 24 A/A RPM'S
142.807 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S
142.807 m OF 150 mm WHT

"QUALITY CONTROL/QUALITY ASSURANCE REVIEW"
Electronic Signature of Professional Engineer in Charge Required
DATE
D.E. Back Checker (Check or Circle & Remark Incorrect)
DATE
D.E. Back Checker
DATE
D.E. In Charge (As Corrected or Low Change Req'd)
DATE

1/12/99

REVISION											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-34

S.R. 546 (U.S. 92)

1400

N

LAKE PARKER

R/W

140.195 m OF 150 mm WHT
140.195 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S
140.195 m OF 150 mm YEL
140.195 m 3.0/9.0 SKIP. YEL - 24 A/A RPM'S

42.687 m 3.0/9.0 SKIP. WHT - 3 MD/C RPM'S
42.687 m OF 150 mm WHT

MATCH LINE STA. 269+20.000 SEE SHEET S-33

MATCH LINE STA. 270+60.000 SEE SHEET S-35

3.35
3.35
3.21
3.35
3.35

℄ SURVEY

270

PT

+95.258

17.070

+16.851

4.5

R/W

140.195 m 3.0/9.0 SKIP. YEL - 24 A/A RPM'S
140.195 m OF 150 mm YEL
75.721 m 3.0/9.0 SKIP. WHT - 7 MD/C RPM'S
75.721 m OF 150 mm WHT

4.7 m OF 600 mm WHT
30.000 m OF 150 mm DBL YEL - 4 A/A RPM'S

INTERLACHEN RD.

30

STOP

2700-40-1
2700-46-11
RI-1
STA. 270+11

N 0°19'08" W

MEET AND MATCH EXISTING PAVEMENT MARKING

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
Q.C. BACK CHECKER (Green Check or Circle & Remark Incorrect) DATE
Q.C. ED Correct Italics (Orange Pen) DATE

REVISION											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

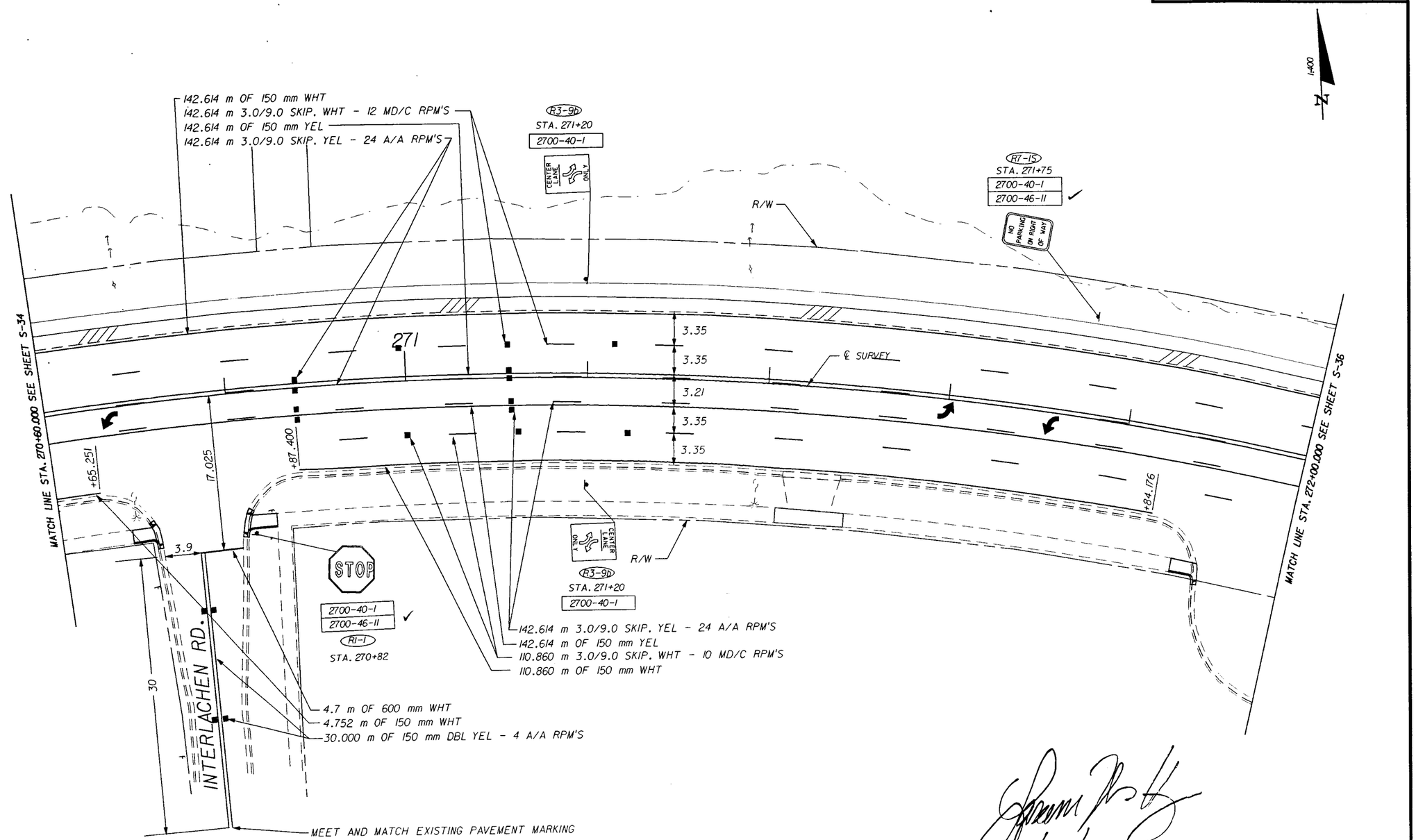
Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-35

S.R. 546 (U.S. 92)



1400

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE	BY	DESCRIPTION

REVISION

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

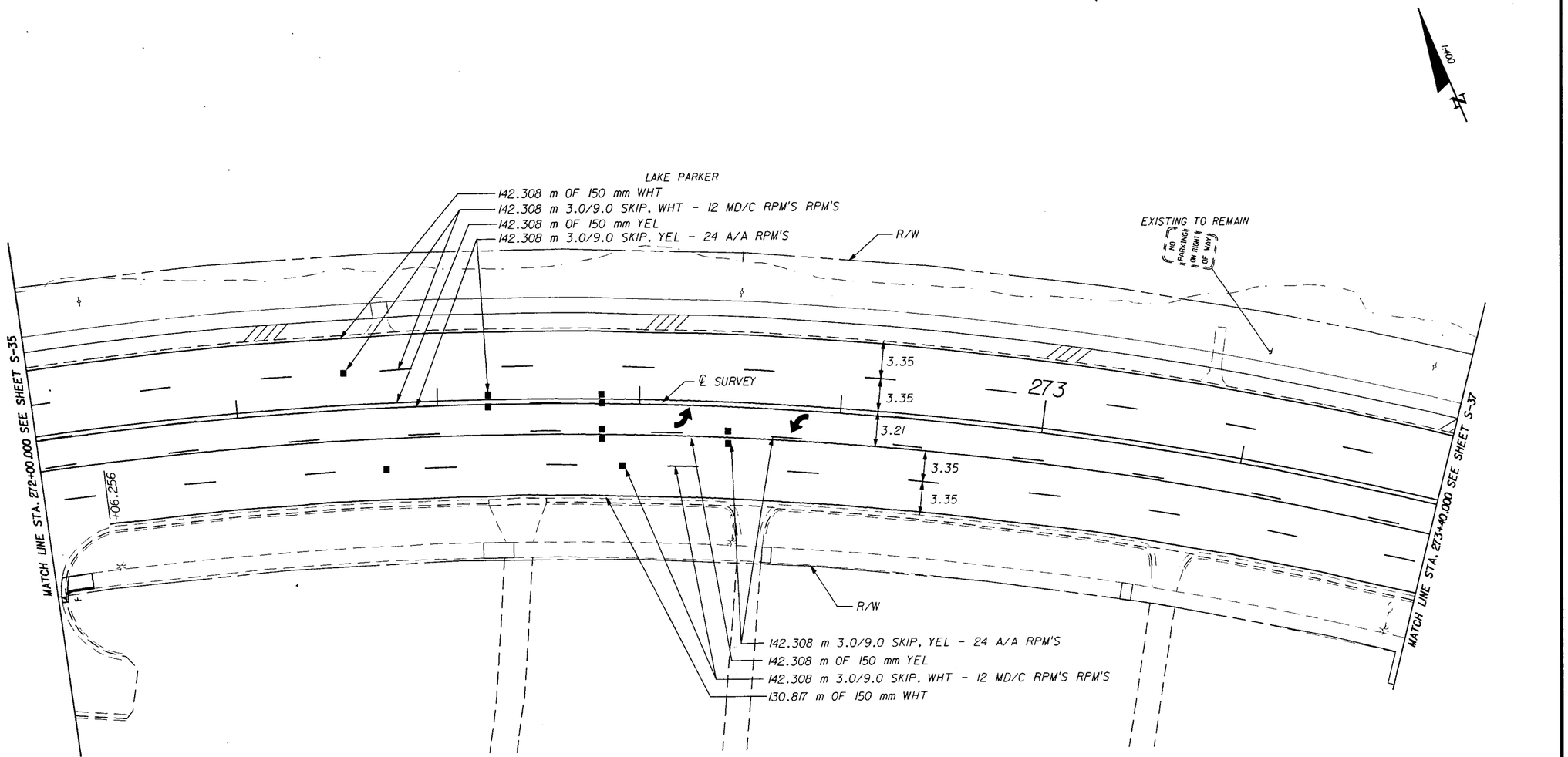
Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

S.R. 546 (U.S. 92)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-36



QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DATE
DATE
DATE

1/12/99

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-37

S.R. 546 (U.S. 92)

1:400

LAKE PARKER

R/W

112.157 m OF 150 mm WHT
119.948 m 3.0/9.0 SKIP. WHT - 10 MD/C RPM'S
119.948 m OF 150 mm YEL
119.948 m 3.0/9.0 SKIP. YEL - 20 A/A RPM'S

8.4 m 1.8/3.0 SKIP. WHT

3.35
3.35

274

℄ SURVEY

30

+51.662

3.21
3.35
3.35

+06.358

+27.132

MATCH LINE STA. 273+40.000 SEE SHEET S-36

MATCH LINE STA. 274+60.000 SEE SHEET S-38

119.948 m 3.0/9.0 SKIP. YEL - 20 A/A RPM'S
119.948 m OF 150 mm YEL
65.908 m 3.0/9.0 SKIP. WHT - 6 MD/C RPM'S
65.908 m OF 150 mm WHT

R/W

+79.472

32.852 m 3.0/9.0 SKIP. WHT - 3 MD/C RPM'S
32.852 m OF 150 mm WHT

HOLLY AVE.

STOP

5.5 m OF 600 mm WHT
30.000 m OF 150 mm DBL YEL -
4 A/A RPM'S

PT Sta 29+65.803

3.9

2700-40-1
2700-46-11
RI-1

STA. 274+23

1/12/99

MEET AND MATCH EXISTING PAVEMENT MARKING
STA. 29+49.4720

EQUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE

DATE

DATE

DATE

REVISION

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-38

S.R. 546 (U.S. 92)

LAKE PARKER

NADD

M4-6
R3-9b
STA. 274+93
2700-40-1

BROOM CENTER LANE ONLY

RELOCATE TO R/W LINE

R7-1S
STA. 275+10
2700-40-1
2700-46-11

NO PARKING ON RIGHT OF WAY

63.802 m OF 150 mm WHT - 11 MD/C RPM'S
34.2 m 1.8/3.0 SKIP. WHT
42.795 m OF 150 mm YEL
42.795 m 3.0/9.0 SKIP. YEL - 8 A/A RPM'S

106.226 m OF 150 mm WHT
140.195 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S
97.244 m OF 150 mm DBL YEL - 22 A/A RPM'S

R/W

34.700 m OF 450 mm YEL

+94.277
275
+03.000
+58.000
+67.000

3.6
3.35
3.35
3.2
3.35
3.35

℄ SURVEY

9.0

+05.412
+50.984
+74.072

MATCH LINE STA. 274+60.000 SEE SHEET S-37

MATCH LINE STA. 276+00.000 SEE SHEET S-39

POOL

R/W

25.931 m OF 150 mm WHT

42.795 m 3.0/9.0 SKIP. YEL - 8 A/A RPM'S

M4-6
R3-9b
STA. 275+03
2700-40-1

94.648 m OF 150 mm DBL YEL - 22 A/A RPM'S
140.195 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S
90.865 m OF 150 mm WHT

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
DESIGNED BY
DRAWN BY
CHECKED BY
QUANTITIES BY
DATE
D.E.C. BACK CHECKED (Green Check or Circle & Remark Incorrect)
DATE
DATE
CORRECTIONS/ITEMS NOTIFIED

REVISION: DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

S.R. 546 (U.S. 92)

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-39

1:400

EXISTING TO REMAIN

SPEED LIMIT 45

LAKE PARKER

EXISTING TO REMAIN

NO PARKING ON ROAD R (OF WAY)

R/W

42.9 m OF 450 mm YEL
140.195 m OF 150 mm WHT
140.195 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S
140.195 m OF 150 mm DBL YEL - 30 A/A RPM'S

3.4
3.4

277

℄ SURVEY

PC

9.0

3.4
3.4

MATCH LINE STA. 276+00.000 SEE SHEET S-38

MATCH LINE STA. 277+40.000 SEE SHEET S-40

R/W

140.195 m OF 150 mm DBL YEL - 30 A/A RPM'S
140.195 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S
140.195 m OF 150 mm WHT

2700-46-11
2700-40-1
W3-3
STA. 276+55

6/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE	BY	DESCRIPTION

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

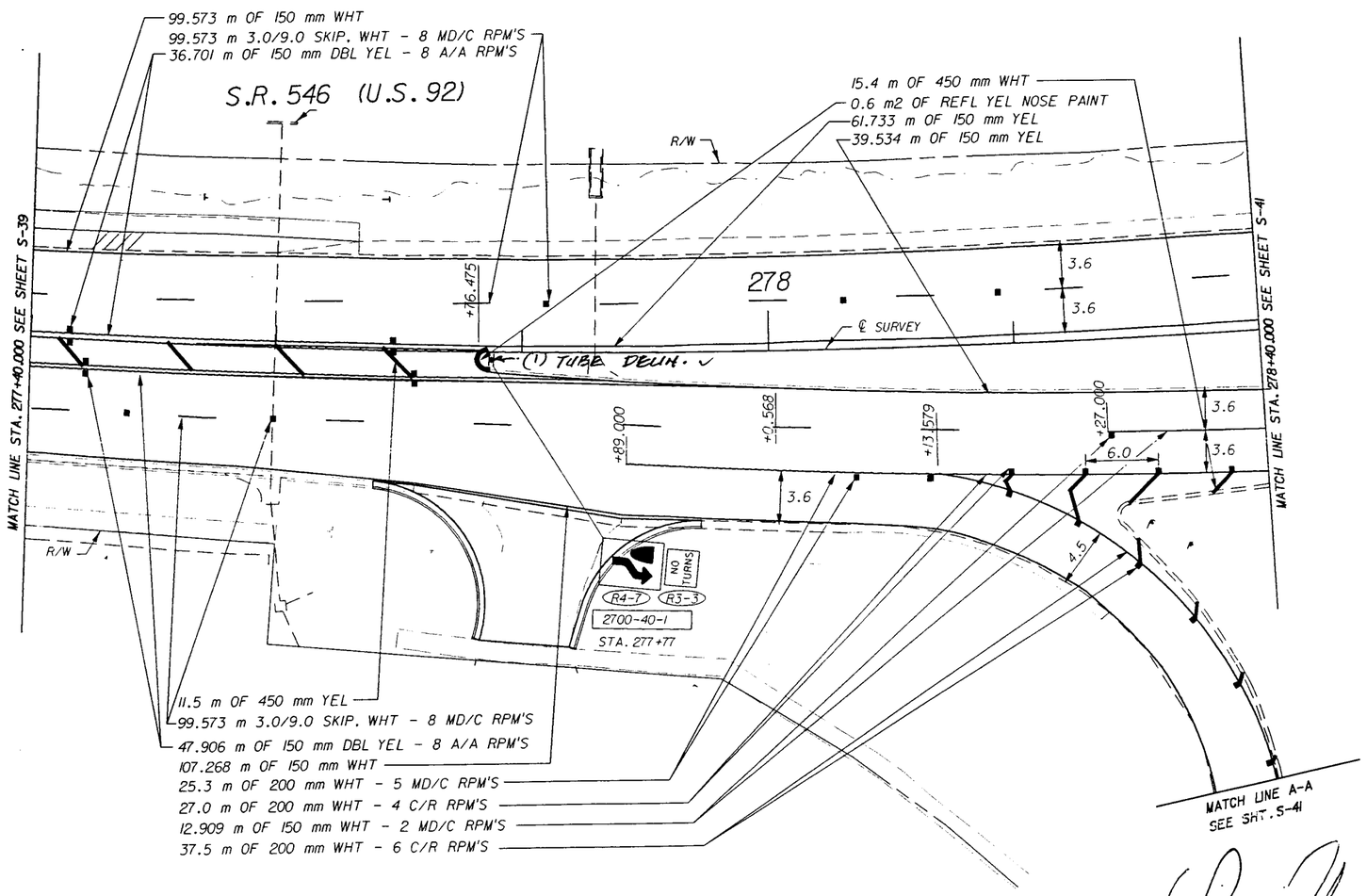
Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-40

1:400



QUALITY CONTROL/QUALITY ASSURANCE REVIEW
Design Concept Conforms to Criteria & Practices Incorporated
G.C. Checked Correspondence Change Req'd
Date Checked Comments Issued
Date Comments Resolved
Date

1/12/99

REVISIONS												
DATE	ID	DESCRIPTION	DATE	ID	DESCRIPTION	DATE	ID	DESCRIPTION	DATE	ID	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-41

S.R. 546 (U.S. 92)

MATCH LINE STA. 278+40.000 SEE SHEET S-40

69.682 m OF 150 mm WHT
69.682 m 3.0/9.0 SKIP. WHT - 6 MD/C RPM'S
27.515 m OF 150 mm YEL
1 TUBULAR DELINEATOR
0.3 m2 OF REFL WHT NOSE PAINT
1.3 m OF 450 mm WHT
42.2 m OF 200 mm WHT - 6 MD/C RPM'S
16.6 m OF 200 mm WHT

300 WM

℄ SURVEY

3.6 3.6

+67.668

+58.000

6.0 3.4 3.4

PT Sta. 29+89.709

+75.213
+76.545

R/W

20.352 m OF 150 mm YEL
16.9 m OF 150 mm WHT - 3 MD/C RPM'S
3.2 m OF 450 mm WHT
16.9 m OF 200 mm WHT - 3 C/R RPM'S
7.0 m OF 600 mm WHT
15.352 m OF 150 mm DBL YEL - 2 A/A RPM'S

+68.784

+68.000

3.0

3.6

279

MATCH LINE A-A SEE SHT. S-40

5.5 m 1.8/3.0 SKIP. WHT
55.992 m OF 150 mm WHT

R/W

END 200 WHT
BEGIN 150 WHT

END 150 WHT
BEGIN 200 WHT

3.6 3.6

ONLY

E. GARY RD.

0.3 m2 OF REFL YEL NOSE PAINT
3.3 m OF 600 mm WHT
33.665 m OF 150 mm YEL
41.613 m OF 150 mm YEL
5.5 m OF RELOCATED 150 mm DBL YEL
8.8 m OF RELOCATED 150 mm YEL
21.030 m OF 150 mm DBL YEL - 2 A/A RPM'S
42.200 m 3.0/9.0 SKIP. WHT - 3 MD/C RPM'S
49.213 m OF 150 mm WHT

DO NOT ENTER
R5-1
2700-40-1
STA. 278+60

MATCH LINE STA. 279+40.000 SEE SHEET S-42

Pg STA. 28+89.060
+95.000

29

3.6 3.6

6.1 m OF 450 mm WHT - 6 C/R RPM'S
13.9 m OF 200 mm WHT
13.9 m OF 200 mm WHT
25.0 m OF 200 mm WHT
174.75 m OF 150 mm DBL YEL - 14 A/A RPM'S
5.567 m OF 150 mm WHT
77.325 m OF 150 mm WHT
3.6 m OF 600 mm WHT

MATCH LINE STA. 28+90.000 SEE SHEET S-41

150 WM

500 WM - R/W

1/27/99

REVISION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

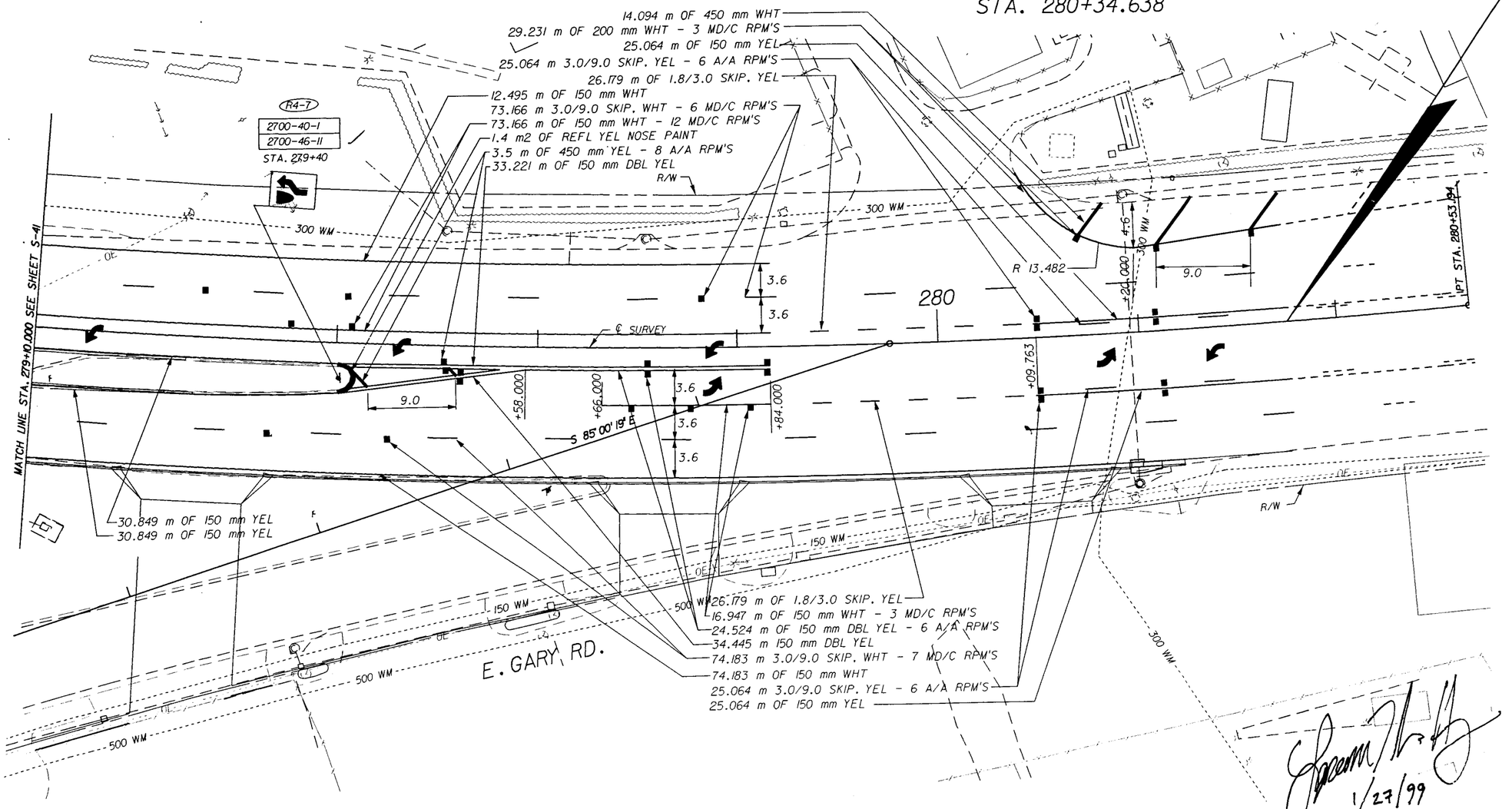
EQUALITY ASSURANCE REVIEW
P.E. INCORPORATION STATICS - NIGHTLIGHTS
D.E.C. BACK CHECKER (Graen Chask or Circle if Reject Incorrect)
C.E.C. CHECKED Corrected (w/Changes Req.)
DATE

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-42

S.R. 546 (U.S. 92)

END SIGNING AND PAVEMENT MARKING MEET AND MATCH EXISTING PAVEMENT MARKING

STA. 280+34.638



1/27/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW
CHECKED (Corrections Incorporated)
DATE
FINAL QUALITY CONTROL REVIEW
DATE
DESIGN CONCURRENCE (Field Check of Signing, Striping & Signalization)
DESIGN INCORPORATION (Vertical Alignment)
DESIGN CHECKER (Green Sheet or Circle & Redline Incorrect)

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Fuller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-43

1:400

2700-46-11
2700-40-1
R1-1
R3-2
STA. 31+08

STOP

119.318 m 3.0/9.0 SKIP. WHT - 9 MD/C RPM'S
11.954 m OF 150 mm WHT - 2 MD/C RPM'S
80.005 m OF 150 mm WHT - 13 MD/C RPM'S
128.907 m OF 150 mm DBL YEL - 22 A/A RPM'S

48.734 m 1.8/3.0 SKIP. WHT

MEET AND MATCH EXISTING PAVEMENT MARKINGS STA. 31+80

PALMS
R/W
LAKELAND HILLS AVE.
31
+52.000
+20.000
3.4
3.3
2.8
3.6
3.4
3.5
3.5
3.5
3.5

MATCH LINE STA. 30+40.000 SEE SHEET S-18

STA. 31+07.565 PC

300 OAK
300 OAK
R/W

140.000 m 3.0/9.0 SKIP. WHT - 11 MD/C RPM'S

2700-40-1
R3-2
STA. 31+06

1/27/99

DATE	BY	IN ACCEPTION	DATE	BY	IN ACCEPTION	DATE	BY	IN ACCEPTION	DATE	BY	IN ACCEPTION

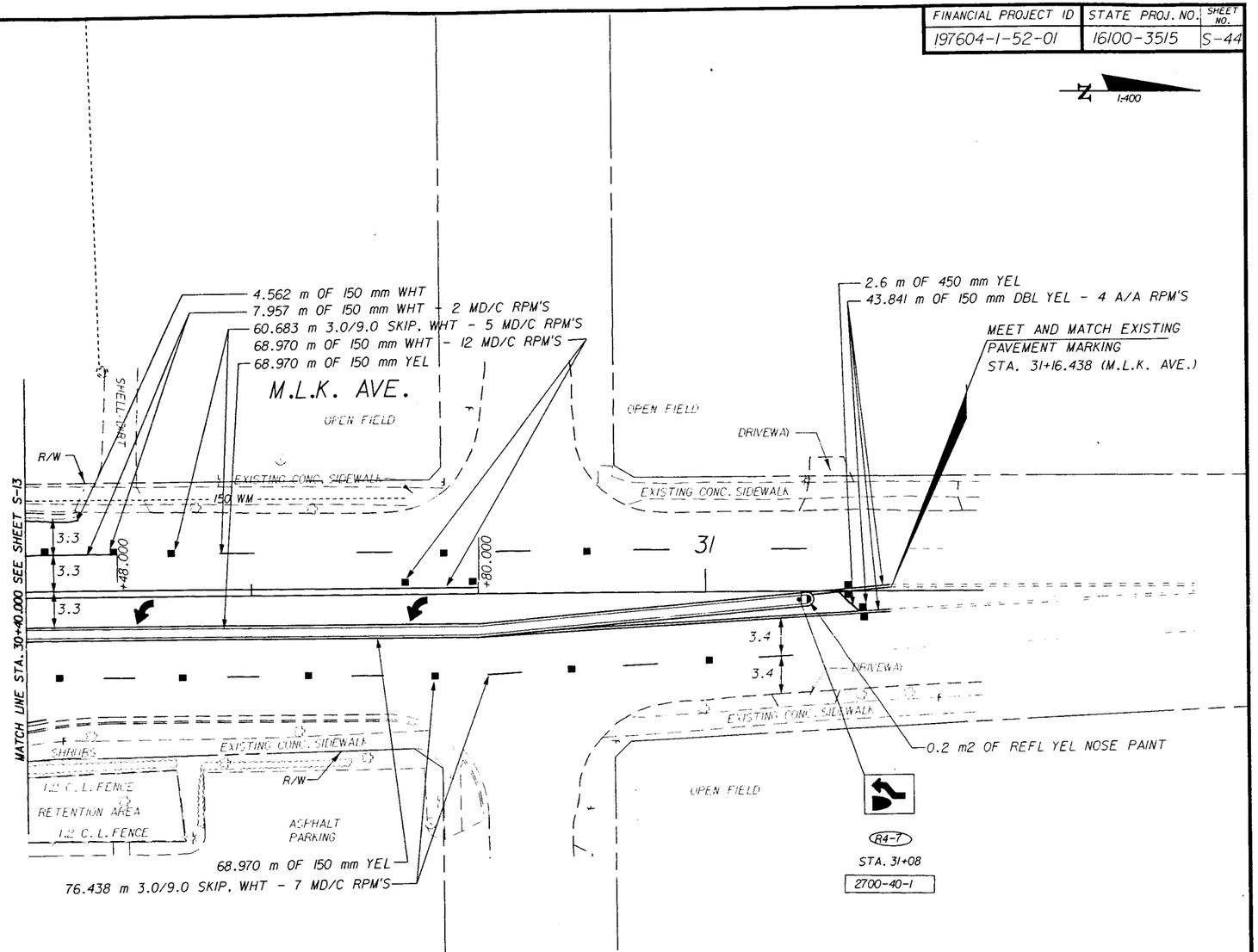
Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

EQUAL QUALITY ASSURANCE REVIEW

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-44



1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-45

1:400

MEET AND MATCH EXISTING
PAVEMENT MARKINGS
STA. 29+53 (M.L.K. AVE.)
7.401 m 3.0/9.0 SKIP. WHT - 1 MD/C RPM'S

EXIST. BLDG.

EXIST. SWK.

ASPHALT PARKING

ASPH.

R/W

UNPAVED

UNPAVED

ASPH.

150 WM

EXIST. SWK.

ASPH.

29 M.L.K. AVE.

150 WM

+53.000

3.1

3.1

4.7

MATCH LINE STA. 29+60.000 SEE SHEET S-13

150 WM

WM 051

R/W

150 WM

EXIST. SWK.

R/W

1 STORY FRAME RES. BLDG.

1 STORY FRAME RES. BLDG.

1 STORY FRAME RES. BLDG.

9 - 250-500 OAKS

4"C.L.F.

1 STORY

WM 051

150 WM

4200 OAK

UNPAVED
7.401 m OF 150 mm YEL
7.401 m OF 150 mm YEL
7.401 m OF 150 mm WHT -
2 MD/C RPM'S
7.401 m OF 150 mm WHT -
2 MD/C RPM'S
11.369 m OF 150 mm WHT

SS 008

1/12/99

EQUALITY CONTROL/QUALITY ASSURANCE REVIEW

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

REVISIONS

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-46

1:400

154.000 m 3.0/9.0 SKIP. WHT - 12 MD/C RPM'S

MEET AND MATCH EXISTING
PAVEMENT MARKING
STA. 27+96 (LAKE PARKER AVE.)

LAKE PARKER AVE.

350 RCP

28

29

ONLY

ONLY

ONLY

ONLY

3.6

3.6

3.6

MATCH LINE STA. 29+50.000 SEE SHEET S-28

22.637 m 3.0/9.0 SKIP. WHT - 2 MD/C RPM'S

157.064 m OF 150 mm YEL
157.623 m OF 150 mm YEL
128.498 m OF 150 mm WHT - 21 MD/C RPM'S
137.076 m OF 200 mm WHT - 22 MD/C RPM'S

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

1/12/99

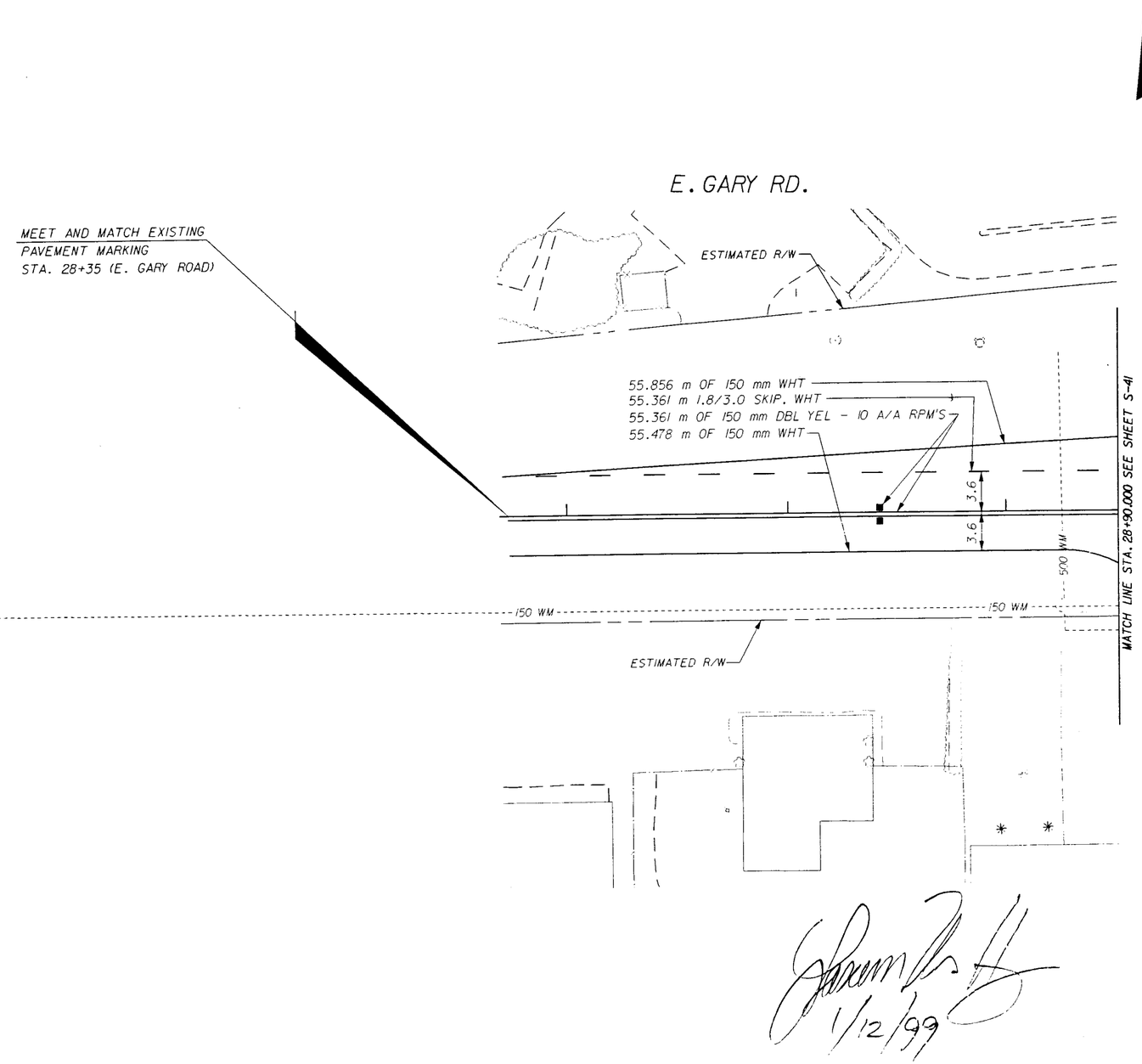
REVISIONS									
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
197604-1-52-01	16100-3515	S-47



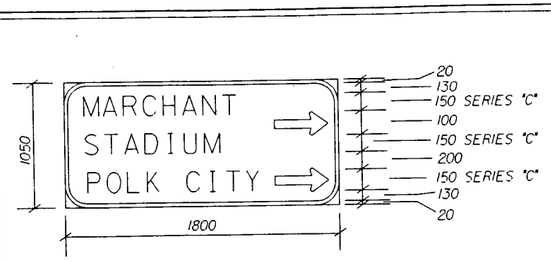
1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

Faller, Davis & Associates, Inc. CONSULTING ENGINEERS	FLORIDA DEPARTMENT OF TRANSPORTATION	SIGNING & PAVEMENT MARKING

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
19760-1-52-01	16100-3515	S-48

SIGN NUMBER 1 QUANTITY 1
WIDTH 1800 BACKGROUND TYPE III RETRO REFLECTIVE GREEN
HEIGHT 1050 COLOR
BORDER WIDTH 20 LEGEND & BORDER
BORDER RADII 50 COLOR TYPE III RETRO REFLECTIVE WHITE
SHIELD SIZE
ARROW SIZE 150 X 225
STATION(S) STA. 249+55
SEE SHEET S-19
LETTER SERIES "C"

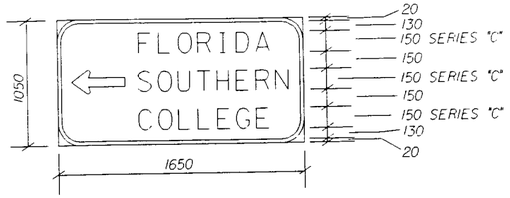


CLEARANCE FROM FACE OF CURB	COLUMN SIZE		AVERAGE COLUMN LENGHT
	ALUM	STEEL	
0.6m		4.0" U-CHANNEL	3.13

| COPY | | |

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
19224-1-52-01	16100-3515	S-4

SIGN NUMBER 5 QUANTITY 1
WIDTH 1650 BACKGROUND TYPE III RETRO REFLECTIVE GREEN
HEIGHT 1050 COLOR
BORDER WIDTH 20 LEGEND & BORDER TYPE III RETRO REFLECTIVE WHITE
BORDER RADII 50 COLOR
SHIELD SIZE
ARROW SIZE 150 X 225
STATION(S) 258+43
SEE SHEET S-25
LETTER SERIES "C"



CLEARANCE FROM FACE OF CURB	COLUMN SIZE		AVERAGE COLUMN LENGHT
	ALUM	STEEL	
0.6m		4.0" U-CHANNEL	3.13

COPY	F	L	O	R	I	D	A	
SPACE	657	686						307

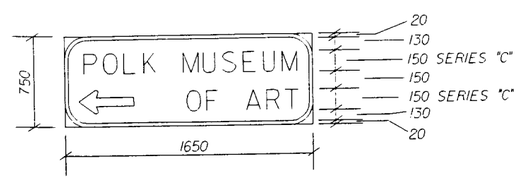
COPY	⇦	S	O	U	T	H	E	R	N	
SPACE	207	225	225	843						150

COPY	C	O	L	L	E	G	E	
SPACE	657	716						277

COPY
SPACE

COPY
SPACE

SIGN NUMBER 6 QUANTITY 1
WIDTH 1650 BACKGROUND TYPE III RETRO REFLECTIVE GREEN
HEIGHT 750 COLOR
BORDER WIDTH 20 LEGEND & BORDER TYPE III RETRO REFLECTIVE WHITE
BORDER RADII 50 COLOR
SHIELD SIZE
ARROW SIZE 150 X 225
STATION(S) STA. 258+43
SEE SHEET S-25
LETTER SERIES "C"



CLEARANCE FROM FACE OF CURB	COLUMN SIZE		AVERAGE COLUMN LENGHT
	ALUM	STEEL	
0.6m		3.0" U-CHANNEL	2.89

COPY	P	O	L	K	M	U	S	E	U	M	
SPACE	174	409		225	668						174

COPY	⇦	O	F	A	R	T	
SPACE	174	225	358	193	225	301	174

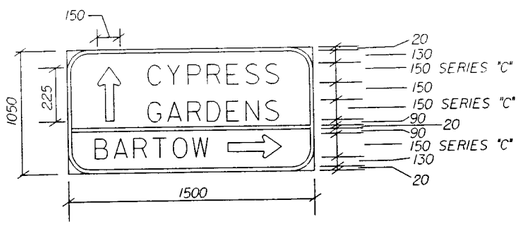
COPY
SPACE

COPY
SPACE

COPY
SPACE

DIMENSIONS ARE IN MILLIMETERS. END DIMENSIONS INCLUDE BORDER WIDTH AND MARGIN.

SIGN NUMBER 7 QUANTITY 1
WIDTH 1500 BACKGROUND TYPE III RETRO REFLECTIVE GREEN
HEIGHT 1050 COLOR
BORDER WIDTH 20 LEGEND & BORDER TYPE III RETRO REFLECTIVE WHITE
BORDER RADII 50 COLOR
SHIELD SIZE
ARROW SIZE 150 X 225
STATION(S) STA. 260+35
SEE SHEET S-27
LETTER SERIES "C"



CLEARANCE FROM FACE OF CURB	COLUMN SIZE		AVERAGE COLUMN LENGHT
	ALUM	STEEL	
0.6m		4.0" U-CHANNEL	3.13

COPY	C	Y	P	R	E	S	S	
SPACE	562	735						203

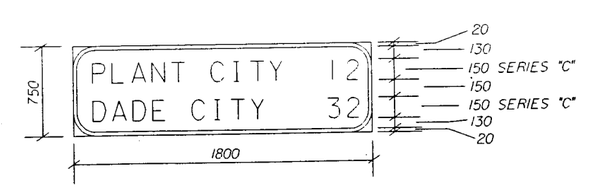
COPY	⇧	G	A	R	D	E	N	S	
SPACE	187	150	225	751					187

COPY	B	A	R	T	O	W	⇨	
SPACE	187	658			243	225	187	

COPY
SPACE

COPY
SPACE

SIGN NUMBER 8 QUANTITY 1
WIDTH 1800 BACKGROUND TYPE III RETRO REFLECTIVE GREEN
HEIGHT 750 COLOR
BORDER WIDTH 20 LEGEND & BORDER TYPE III RETRO REFLECTIVE WHITE
BORDER RADII 50 COLOR
SHIELD SIZE
ARROW SIZE N/A
STATION(S) STA. 260+45
SEE SHEET S-27
LETTER SERIES "C"



CLEARANCE FROM FACE OF CURB	COLUMN SIZE		AVERAGE COLUMN LENGHT
	ALUM	STEEL	
0.6m		3.0" U-CHANNEL	2.89

COPY	P	L	A	N	T	C	I	T	Y	I	2	
SPACE	170	526			225	340			225	144		170

COPY	D	A	D	E	C	I	T	Y	3	2	
SPACE	170	415		225	340			290	190		170

COPY
SPACE

COPY
SPACE

COPY
SPACE

1/12/99

QUALITY CONTROL/QUALITY ASSURANCE REVIEW

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

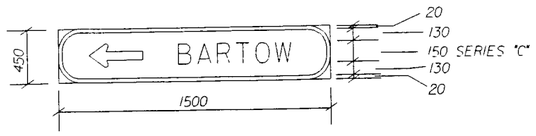
Faller, Davis & Associates, Inc. CONSULTING ENGINEERS

FLORIDA DEPARTMENT OF TRANSPORTATION

GUIDE SIGN WORKSHEET DETAILS

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
19760-1-52-01	16100-3515	S-5

SIGN NUMBER 9 QUANTITY 1
WIDTH 1500 BACKGROUND TYPE III RETRO REFLECTIVE GREEN
HEIGHT 450 COLOR
BORDER WIDTH 20 LEGEND & BORDER TYPE III RETRO REFLECTIVE WHITE
BORDER RADII 50 COLOR
SHIELD SIZE
ARROW SIZE 150 X 225
STATION(S) STA. 263+15
SEE SHEET S-29
LETTER SERIES "C"



CLEARANCE FROM FACE OF CURB	COLUMN SIZE		AVERAGE COLUMN LENGHT
	ALUM	STEEL	
0.6m		2.5" U-CHANNEL	2.65

SIGN NUMBER ____ QUANTITY ____
WIDTH ____ BACKGROUND
HEIGHT ____ COLOR ____
BORDER WIDTH ____ LEGEND & BORDER
BORDER RADII ____ COLOR ____
SHIELD SIZE ____
ARROW SIZE ____
STATION(S) ____
____
LETTER SERIES ____

| | | |