

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 123456-1-52-01  
(FEDERAL FUNDS)  
BAY COUNTY (46080)  
STATE ROAD NO. 22 (WEWA HWY)

- CONTRACT PLANS COMPONENTS**  
ROADWAY PLANS  
SIGNING AND PAVEMENT MARKING PLANS  
SIGNALIZATION PLANS  
INTELLIGENT TRANSPORTATION SYSTEMS PLANS  
LIGHTING PLANS  
LANDSCAPE PLANS  
ARCHITECTURAL PLANS  
STRUCTURE PLANS  
TOLL FACILITIES PLANS

INDEX OF ROADWAY PLANS

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3	DRAINAGE MAP
4 - 7	TYPICAL SECTIONS
8	TYPICAL SECTION DETAILS
9	OPTIONAL MATERIALS TABULATION
10	PROJECT LAYOUT
11	PROJECT CONTROL
12	GENERAL NOTES
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17	TRAFFIC MONITORING SITE
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GR-1\* ROADWAY SOIL SURVEY

DEVELOPMENTAL STANDARD PLANS:  
D591-001 LANDSCAPE IRRIGATION SLEEVES

\* This sheet is included in the Index of Roadway Plans only to indicate that it is part of the Roadway Plans. This sheet is contained in a separate digitally signed and sealed document.

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2019-20 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

APPLICABLE IRs: IR536-001-01, IR521-001-01

Standard Plans for Bridge Construction are included in the Structures Plans Component.

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, July 2019 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

USE CLOUDING FOR POST-LET REVISIONS ONLY

LOCATION OF PROJECT  
<https://goo.gl/maps/zmmkmmoLDvk>

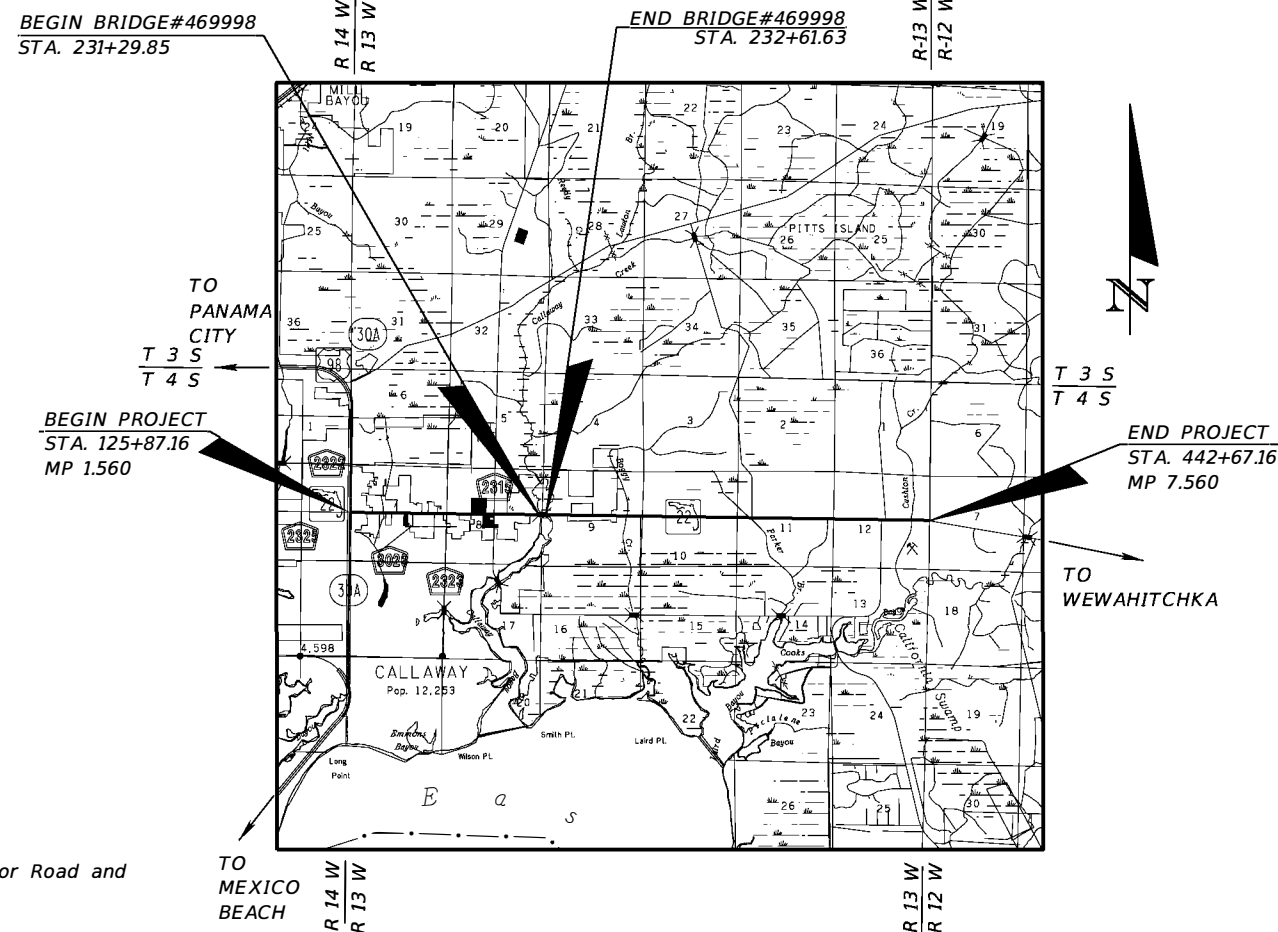
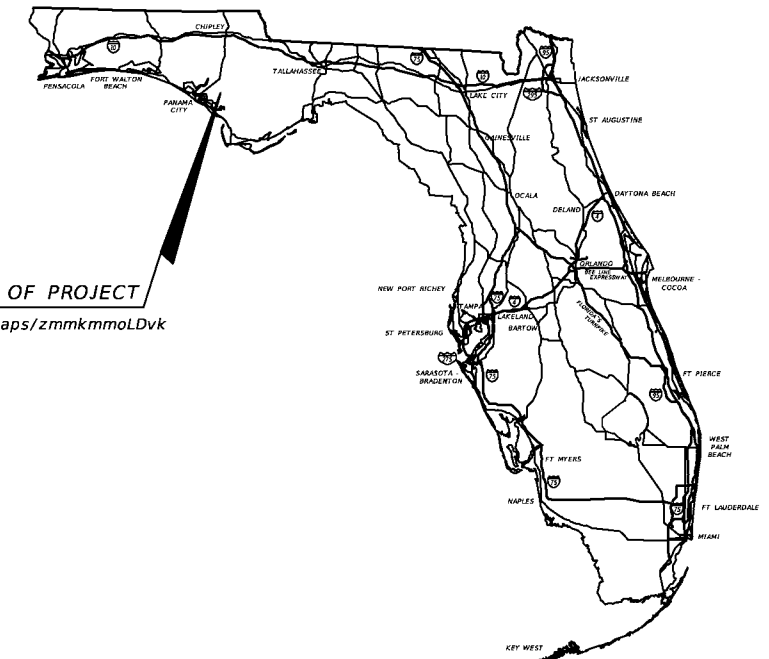


Exhibit 302-2  
Revision Key Sheet  
Date: 1/1/21

ROADWAY PLANS  
ENGINEER OF RECORD:

LUKE S. WALKER, P.E. NO.: 99991  
ROADWAY ENGINEERS, INC.  
123 MAIN STREET  
TALLAHASSEE, FL 32301  
(850) 671-1313  
CONTRACT NO.: C0000  
VENDOR NO.: 99-999999

FDOT PROJECT MANAGER:

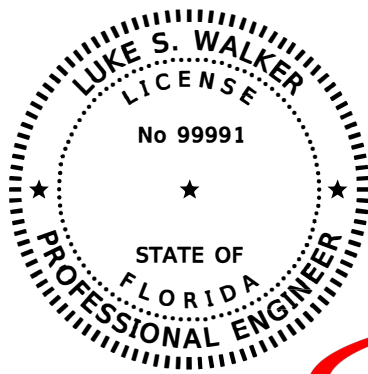
BEN K. UWAIBI, P.E.

REVISIONS:

- FINANCIAL PROJECT ID 123456-1-52-01  
Roadway Sheets 1, 2A, & 28A (Revised 02-14-20)
- FINANCIAL PROJECT ID 123457-1-52-01  
Structure Sheets B-1 & C-1 THRU C-10 (Revised 02-14-20)
- FINANCIAL PROJECT ID 123456-1-52-01  
Roadway Sheets 1 & SQ-7 (Revised 05-20-20)

KEY SHEET REVISIONS	
DATE	DESCRIPTION
02-14-20	Added Sheet Numbers 2A & 28A to index
05-20-20	Added Sheet Number SQ-7 to Index

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
T0000	20	1



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

Luke S. Walker  
2018.10.14 16:52:48 - 4'00'

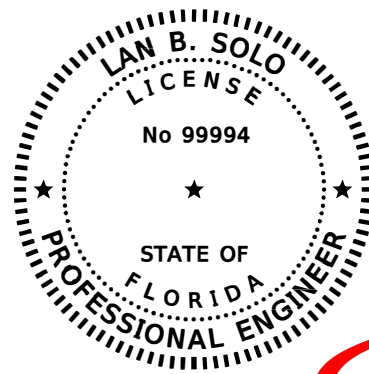
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ROADWAY ENGINEERS, INC.  
123 MAIN STREET  
TALLAHASSEE, FL 32301  
LUKE S. WALKER, P.E. NO. 99991

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4	DRAINAGE MAP
5-6	TYPICAL SECTIONS
7	TYPICAL SECTION DETAILS
8	SUMMARY OF DRAINAGE STRUCTURES
9	OPTIONAL MATERIALS TABULATION
10	PROJECT LAYOUT
11	GENERAL NOTES
12	PROJECT CONTROL
13-16	ROADWAY PLAN-PROFILES
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28	LATERAL DITCH CROSS SECTIONS
29	SPECIAL DETAILS
30-40	CROSS SECTIONS
41	STORMWATER POLLUTION PREVENTION PLANS
46-50	UTILITY ADJUSTMENTS
SQ1 - SQ-6	SUMMARY OF QUANTITIES



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

Lan B. Solo  
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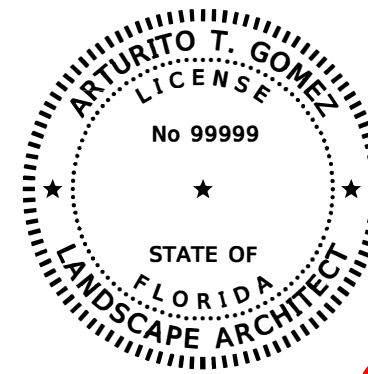
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ROADWAY ENGINEERS, INC.  
123 MAIN STREET  
TALLAHASSEE, FL 32301  
LAN B. SOLO, P.E. NO. 99994

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
2	SIGNATURE SHEET
42-45	TEMPORARY TRAFFIC CONTROL PLANS



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

Arturito T. Gomez  
2018.10.14 15:35:15 - 8'00'

ON THE DATE ADJACENT TO THE SEAL

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LAND DESIGN, LLC.  
345 IVY LANE  
ORLANDO, FL 32801  
ARTURITO T. GOMEZ, L.A. NO. 99999

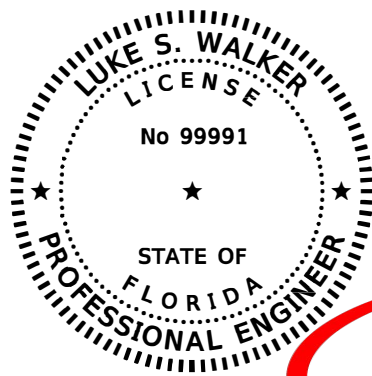
THE ABOVE NAMED REGISTERED LANDSCAPE ARCHITECT SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G10-11.011, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
2	SIGNATURE SHEET
51-55	SELECTIVE CLEARING AND GRUBBING

Exhibit 303-1:  
Original Signature Sheet  
Date: 1/1/19

REVISIONS				LUKE S. WALKER, P.E. P.E. LICENSE NUMBER 99991 ROADWAY ENGINEERS, INC. 123 MAIN STREET TALLAHASSEE, FL 32301	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.  2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 22	BAY	123456-1-52-01	

**SIGNATURE SHEET**



THIS ITEM HAS BEEN DIGITALLY  
SIGNED AND SEALED BY

Luke S. Walker  
2018.10.14 16:52:48 - 4'00'

ON THE DATE ADJACENT TO THE SEAL

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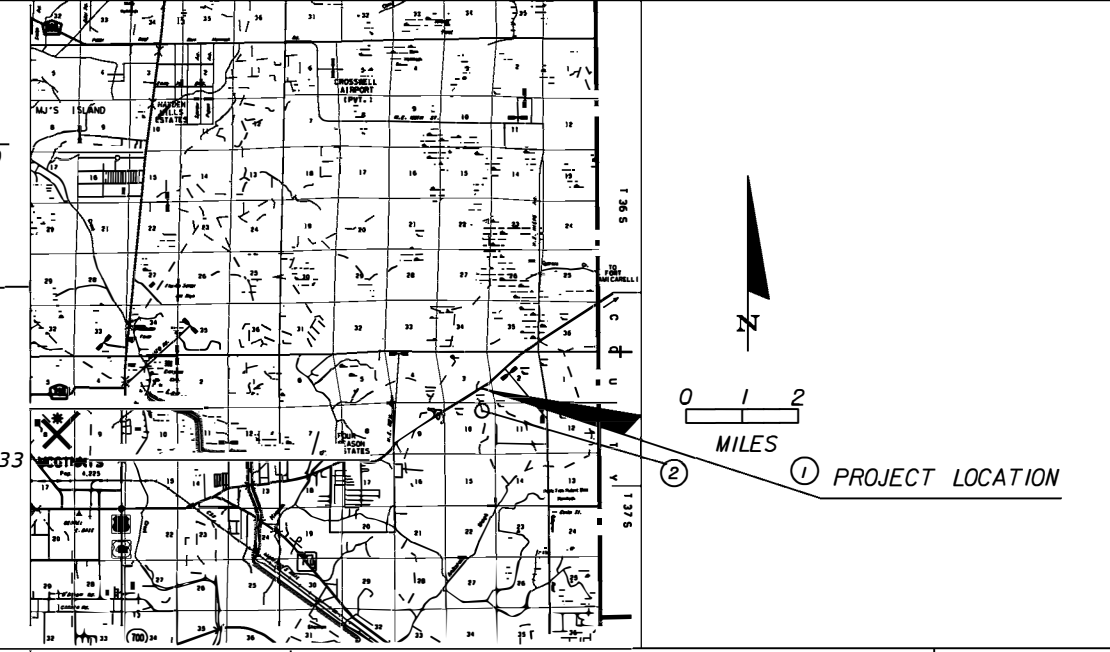
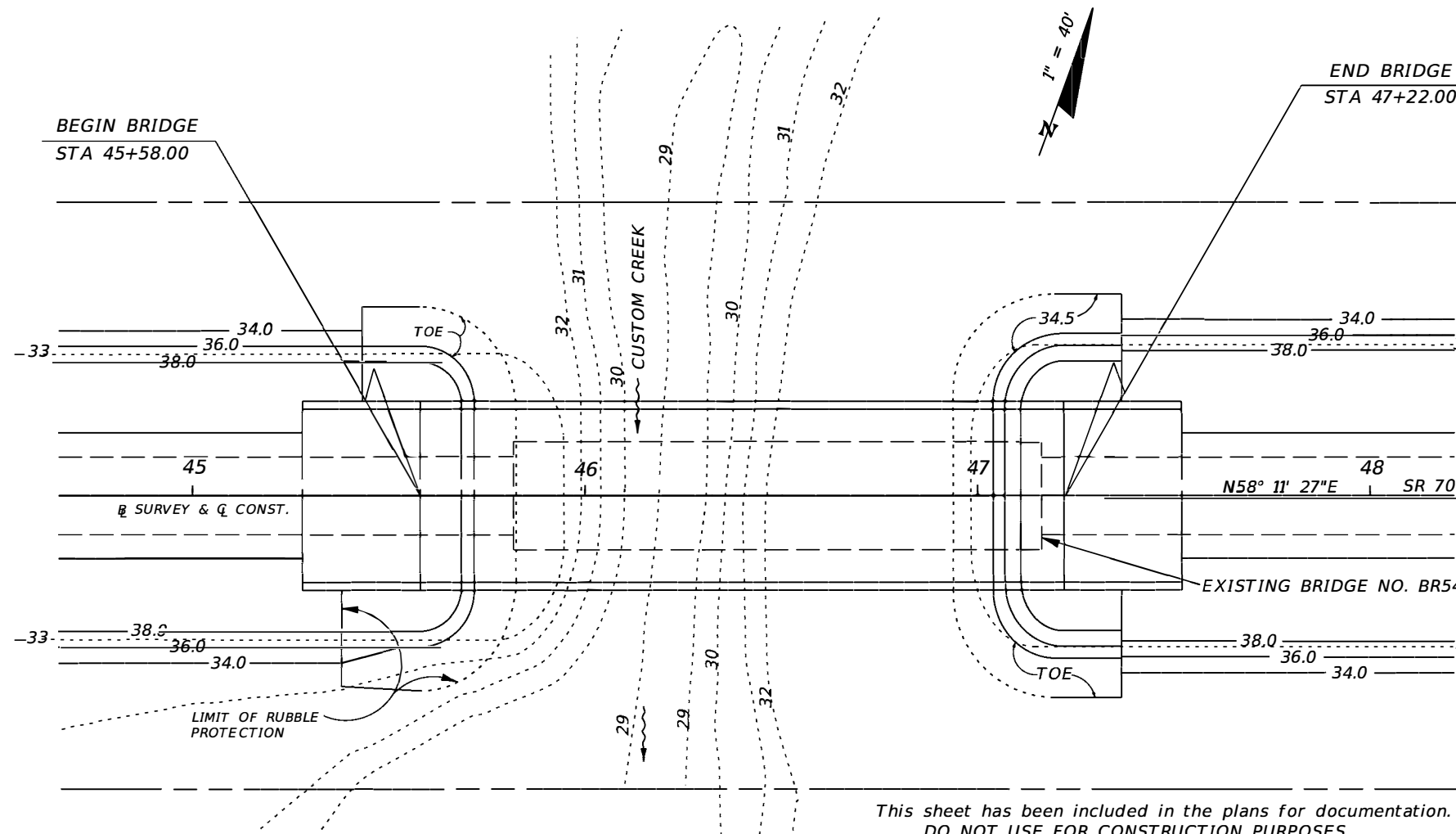
ROADWAY ENGINEERS, INC.  
123 MAIN STREET  
TALLAHASSEE, FL 32301  
LUKE S. WALKER, P.E. NO. 99991

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE  
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
1	KEY SHEET
2A	SIGNATURE SHEET
28A	LATERAL DITCH CROSS SECTIONS

*Exhibit 303-2:  
Revision Signature Sheet  
Date: 1/1/19*

DATE		DESCRIPTION		REVISIONS		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SIGNATURE SHEET		
10-14-16	⚠ ADDED SHEET			LUKE S. WALKER, P.E. P.E. NO.: 99991 ROADWAY ENGINEERS, INC. 123 MAIN STREET TALLAHASSEE, FL 32301	SR 22	BAY		123456-1-52-01	2A



(REFERENCE) FOUNDATION	EXISTING STRUCTURES				PROPOSED STRUCTURE
	(1) Conc. Piles	(2) Timber	(3)	(4)	
OVERALL LENGTH	135	200			164 (rem. #1)
SPAN LENGTH	5 @ 27	20 @ 10			4 @ 41
TYPE CONSTRUCTION	Concrete	Timber			Concrete
AREA OF OPENING @ DF.	1000	Unknown			1020
BRIDGE WIDTH	28'	Railroad ( South )			44'
ELEV. LOW MEMBER	40.35	38.32			41.17

**HYDRAULIC DESIGN DATA**

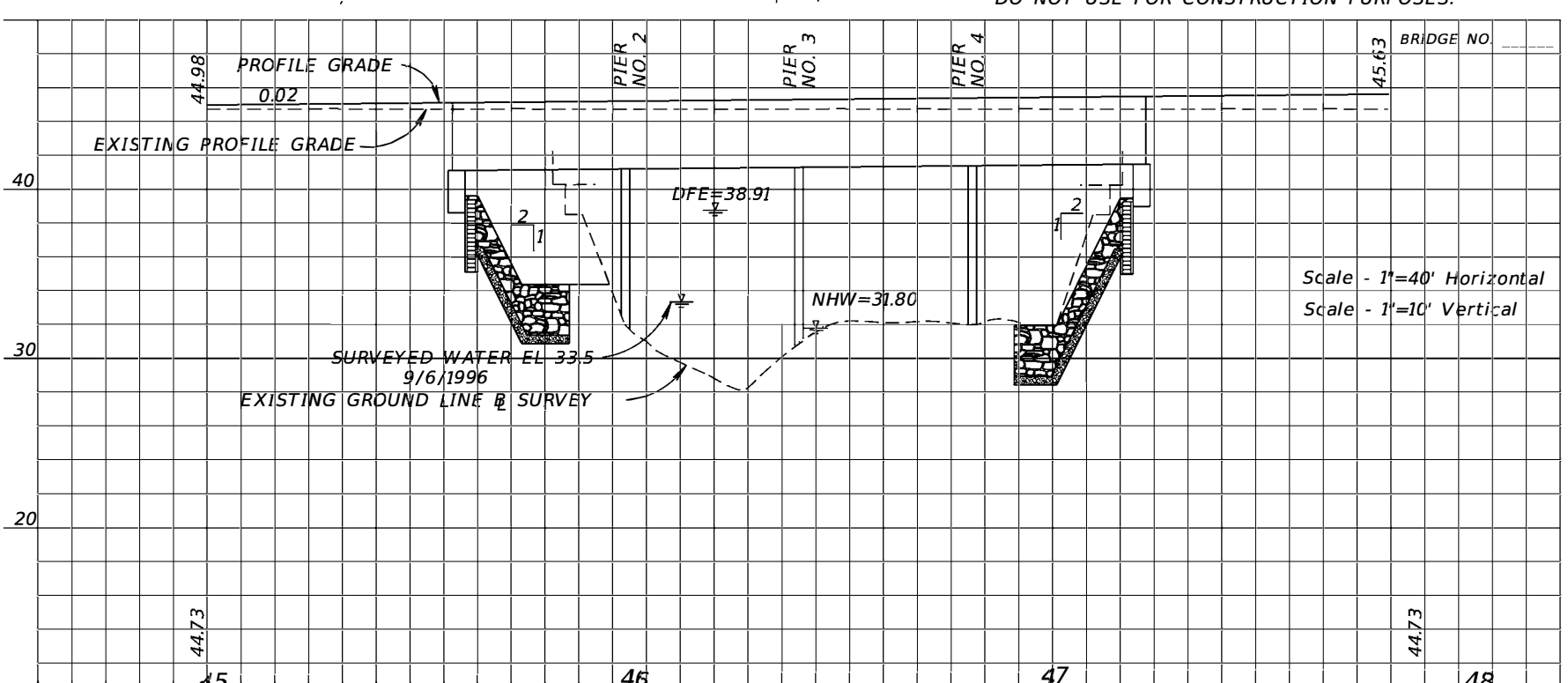
**NOTE:**  
This hydraulic data is a summary of design calculations and is provided for informational purposes only. The user is cautioned against the assumption of precision for the discharge rates and water surface elevations. The units are in cubic feet per second (cfs) and the design stages, feet-NAVD 1988.

**TERMS:**  
Design Flood: Utilized to assure a desired level of hydraulic performance.  
Base Flood: Has a 1% chance of being exceeded in any given year (100 year frequency).  
Overtopping Flood: Causes flow over the highway, over a watershed divide, or thru emergency relief structures.  
Greatest Flood: The most severe that can be predicted where overtopping is not practicable.

WATER SURFACE ELEVATIONS:		N.H.W. (Non-Tidal)	M.H.W. (Tidal)		
CONTROL (Non-Tidal)		31.80			
FLOOD DATA:		MAX. EVENT OF RECORD	DESIGN FLOOD	BASE FLOOD	
STAGE ELEV. NAVD (ft)	38.7 (rem. #2)	38.91	39.27	39.57	
DISCHARGE ( cfs)	unknown	3280	3950	4630	
AVERAGE VELOCITY (ft/s)	"	3.22	3.58	4.13	
EXCEEDANCE PROB. (%)	"	2	1	0.2	
FREQUENCY ( yr.)	"	50	100	500	

SCOUR PREDICTIONS FOR PROPOSED STRUCTURE DESCRIBED ABOVE:

PIER INFORMATION		LONG TERM SCOUR ELEV.	TOTAL SCOUR ELEVATION	
NUMBERS	SIZE AND TYPE		WORST CASE < 100 yr. FREQ. (yr.)	WORST CASE < 500 yr. FREQ. (yr.)
2 & 3	24" Conc. Piles	N/A	18.4	16.4
4 (rem. #3)	24" Conc. Piles	N/A	27.6	25.6



**HYDRAULIC RECOMMENDATIONS**

- BEGIN BRIDGE STATION 45+58.00 END BRIDGE STATION 47+22.00 SKEW ANGLE 0°
- CLEARANCE PROVIDED: NAV: HORIZ. 39.0 VERT. 8.04 ABOVE EL. 33.14 DRIFT: HORIZ. 39.0 VERT. 2.26 ABOVE EL. 38.91
- MINIMUM CLEARANCE: NAV: HORIZ. 10.0 VERT. 6.0 ABOVE EL. 33.14 DRIFT: HORIZ. N/A VERT. 2.0 ABOVE EL. 38.91
- ABUTMENTS:
 

BEGIN BRIDGE		END BRIDGE	
RUBBLE GRADE:	Bank and Shore	RUBBLE GRADE:	Bank and Shore
SLOPE:	1:2	SLOPE:	1:2
BURIED OR NON-BURIED HORIZ. TOE:	Non-Buried	BURIED OR NON-BURIED HORIZ. TOE:	Non-Buried
TOE HORIZ. DISTANCE:	10	TOE HORIZ. DISTANCE:	10
LIMIT OF PROTECTION:	15' Lt., 20' Rt.	LIMIT OF PROTECTION:	15' Lt. and Rt.

5. DECK DRAINAGE: Spread is contained in shoulder. Runoff captured by inlets at begin bridge.

**REMARKS:**  
 (1) Bridge lengthened to accommodate predicted channel migration to the west.  
 (2) Based on mark provided by local resident of 43 years.  
 (3) Due to predicted channel migration to the west and lack of meander cutoff, Pier No. 4 will not experience main channel scour depths.

REVISIONS		DESCRIPTION		DATE	

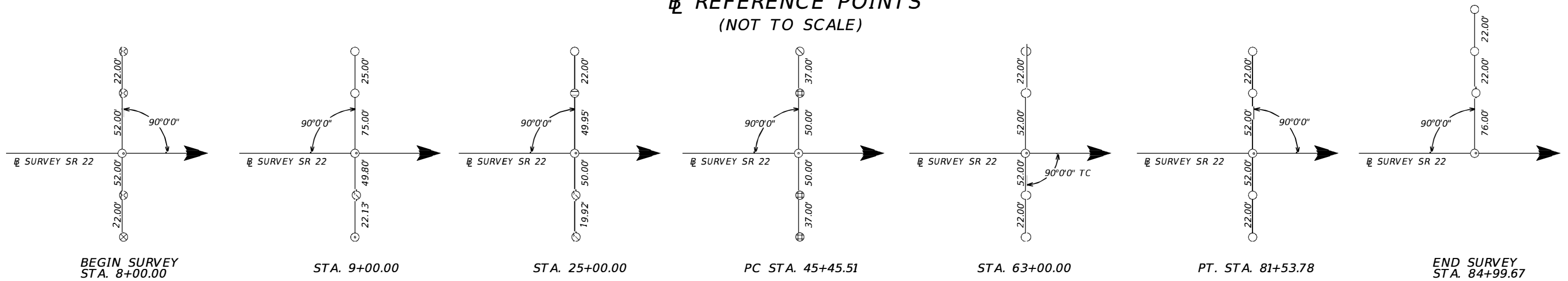
LUKE S. WALKER, P.E. P.E. NO.: 99991 ROADWAY ENGINEERS, INC. 123 MAIN STREET TALLAHASSEE, FL 32301			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
SR 22	BAY	123456-1-52-01			

<b>BRIDGE HYDRAULIC RECOMMENDATIONS SHEET</b>		SHEET NO.
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Exhibit 305-1  
 Date: 1/1/19

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

**REFERENCE POINTS  
(NOT TO SCALE)**



**LEGEND**

- = SET 5/8" IRC STAMPED F.D.O.T. REF.
- ⊙ = SET NAIL W/ DISC STAMPED F.D.O.T. CONTROL
- ⊗ = SET X CUT IN CONCRETE NO ID
- ⊖ = FOUND 100D NAIL NO ID
- ⊕ = FOUND 1/2" IRON ROD NO ID
- ⊗ = FOUND 5/8" IRON ROD NO ID

STATION	(Y) NORTHING	(X) EASTING	SCALE FACTOR
08+00.00	731006.941	1104363.972	1.00002712
09+00.00	730958.261	1104451.323	1.00002771
25+00.00	730179.373	1105848.941	1.00002829
45+45.51	729183.610	1107635.714	1.00002892
63+00.00	728109.980	1109014.692	1.00002967
81+53.78	726580.821	1110048.276	1.00003004
84+99.67	726266.795	1110193.287	1.00003049

**PROJECT CONTROL NOTES**

- PROJECT IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM NAD 1983 / 2011 HORIZONTAL DATUM.
- ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88)

**HORIZONTAL AND VERTICAL CONTROL**

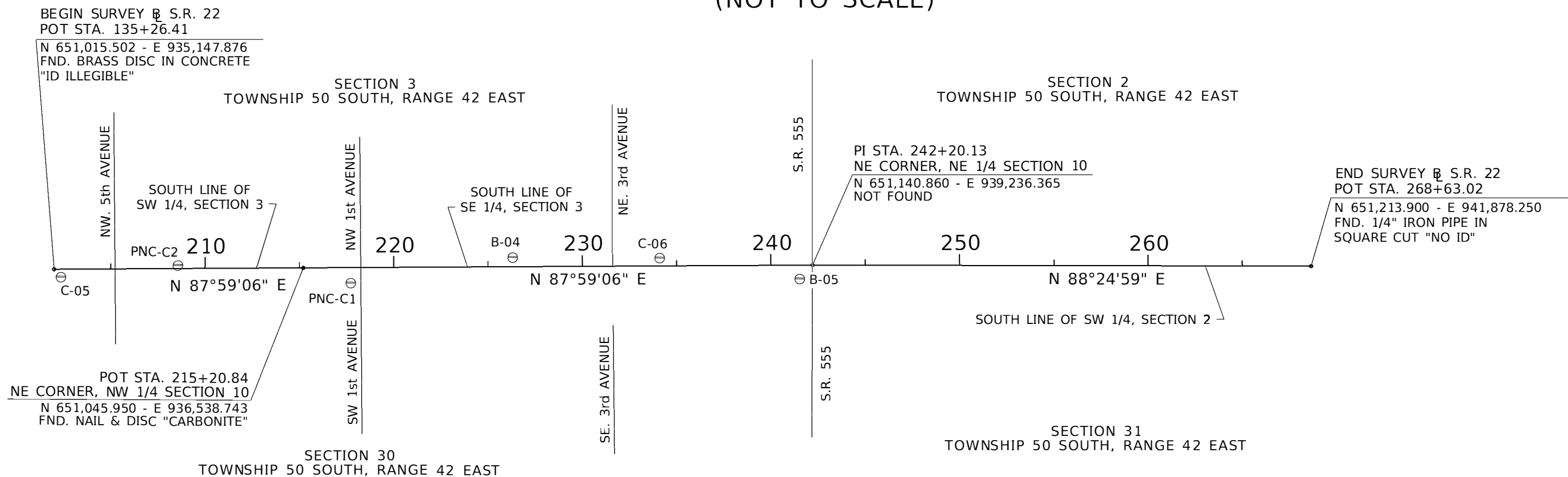
CONTROL POINT	STATION	OFFSET	(Z) ELEVATION	DESCRIPTION	(Y) NORTHING	(X) EASTING	LATITUDE	LONGITUDE	SCALE FACTOR
C-02	08+22.65	44.80' LT.	3.05'	FOUND FDOT BRASS DISK IN CONCRETE STAMPED "842 86 11 C02"	731019.964	1104363.964	26°07'18.96289"	80°09'56.29283"	1.00002712
B-01	14+66.25	33.25' LT.	7.23'	SET FDOT BRASS DISK IN CONCRETE STAMPED "842 86 14 B01"	730958.234	1104451.326	26°07'18.90268"	80°09'45.88657"	1.00002967
C-03	25+73.33	36.96' RT.	4.18'	FOUND FDOT BRASS DISK IN CONCRETE STAMPED "842 86 11 C03"	730456.349	1105848.917	26°07'18.38998"	80°09'35.78475"	1.00003088
B-02	31+18.07	25.60' RT.	4.05'	SET FDOT BRASS DISK IN CONCRETE STAMPED "842 86 14 B02"	730229.364	1108642.646	26°07'18.79454"	80°09'24.88094"	1.00003148
C-04	46+75.51	83.53' LT.	4.12'	FOUND FDOT BRASS DISK IN CONCRETE STAMPED "842 86 11 C04"	729283.642	1109014.635	26°07'20.21998"	80°09'11.99337"	1.00003203
B-03	55+98.14	22.04' LT.	4.84'	SET FDOT BRASS DISK IN CONCRETE STAMPED "842 86 14 B03"	729002.211	1109544.542	26°07'19.77658"	80°08'41.06068"	1.00003253
C-05	63+00.00	40.41' RT.	4.23'	FOUND FDOT BRASS DISK IN CONCRETE STAMPED "842 86 11 C05"	728109.925	1110193.265	26°07'19.35577"	80°08'31.67213"	1.00003301

**Exhibit 310-2**  
Date: 1/1/21

REVISIONS				LUKE S. WALKER, P.E. P.E. NO.: 99991 ROADWAY ENGINEERS, INC. 123 MAIN STREET TALLAHASSEE, FL 32301	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROJECT CONTROL</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 22	BAY		123456-1-52-01

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# PROJECT CONTROL POINTS SURVEY S.R. 22 (NOT TO SCALE)



### HORIZONTAL AND VERTICAL CONTROL

CONTROL POINTS	(Y) NORTHING	(X) EASTING	SCALE FACTOR	LATITUDE	LONGITUDE	SURVEY STATION	OFFSET	(Z) ELEVATION	DESCRIPTION
C-05	650,960.352	935,255.028	1.00003049	26°07'19.35577"	80°08'57.93221"	202+34.91	40.41' RT.	4.23'	FOUND FDOT BRASS DISK IN CONCRETE STAMPED "842 86 11 C05"
PNC-C2	651,038.058	935,872.919	1.00003088	26°07'20.08530"	80°08'51.14792"	208+55.15	15.52' LT.	5.17'	FOUND FDOT ALUMINUM DISK IN CONCRETE STAMPED "842-86-13 C2"
PNC-C1	650,973.805	936,792.811	1.00003148	26°07'19.38918"	80°08'41.06068"	217+72.21	81.03' RT.	3.42'	FOUND FDOT ALUMINUM DISK IN CONCRETE STAMPED "842-86-13 C1"
B-04	651,133.755	937,647.541	1.00003203	26°07'20.91756"	80°08'31.67213"	226+32.04	48.76' LT.	2.62'	SET FDOT BRASS DISK IN CONCRETE STAMPED "842 86 14 B04"
C-06	651,154.526	938,424.971	1.00003253	26°07'21.07243"	80°08'23.14164"	234+09.72	42.19' LT.	2.72'	SET FDOT ALUMINUM DISK IN CONCRETE STAMPED "842 86 14 C06"
B-05	651,065.674	939,171.400	1.00003301	26°07'20.14353"	80°08'14.95924"	241+52.56	72.86' RT.	3.76'	SET FDOT BRASS DISK IN CONCRETE STAMPED "842 86 14 B05"

#### LEGEND

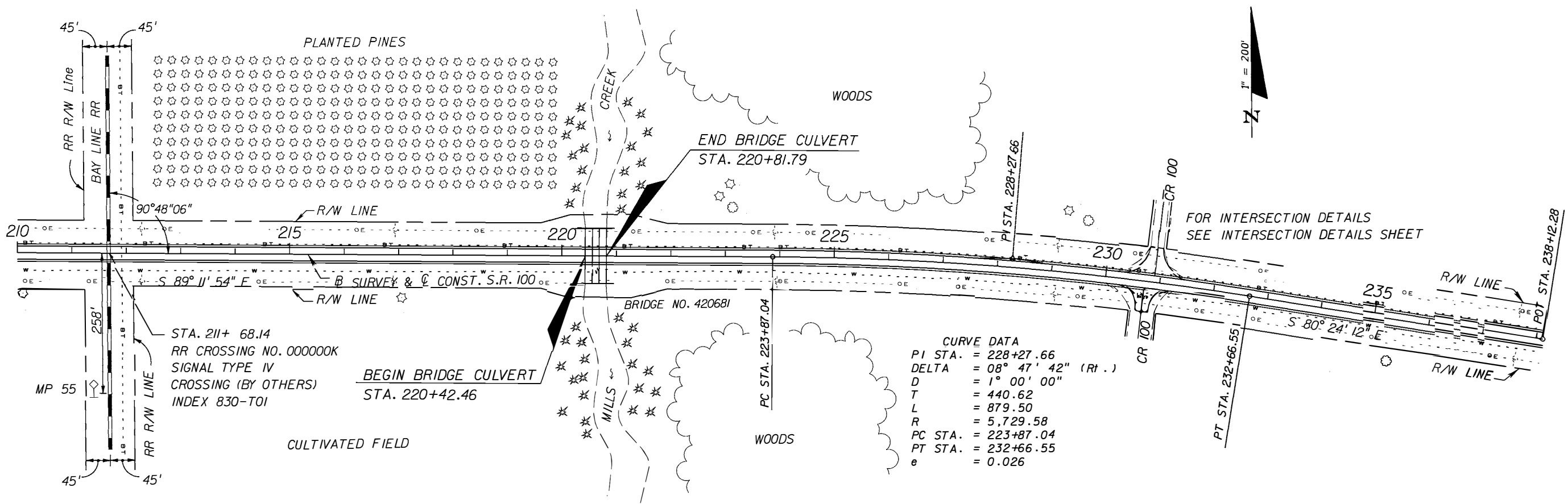
- : BASELINE
- E : EAST
- FND : FOUND
- LT. : LEFT
- OFF. : OFFSET
- N : NORTH
- PI : POINT OF INTERSECTION
- POT : POINT ON TANGENT
- RT. : RIGHT
- S.R. : STATE ROAD
- STA. : STATION
- ⊖ : CONTROL POINT

#### PROJECT CONTROL NOTES:

1. BEARINGS AND COORDINATES ARE RELATIVE TO THE STATE PLANE COORDINATES, FLORIDA NORTH ZONE, NORTH AMERICAN DATUM (NAD) OF 1983 (ADJUSTMENT OF 1990)
  - A BEARING OF N 89°59'57" E HAS BEEN ESTABLISHED BETWEEN MONUMENTS HBLC-2 STAMPED "842 86 11 C02" & B-01 STAMPED "B01"
2. VERTICAL DATUM : NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88)
3. PROJECT UNITS : US FEET
4. FIELD BOOK REFERENCES : MGV 851 SERIES.
5. ELECTRONIC DATABASE : CAICE: "428724.ZIP"

**Exhibit 310-3**  
Date: 1/1/21

REVISIONS				LUKE S. WALKER, P.E. P.E. NO.: 99991 ROADWAY ENGINEERS, INC. 123 MAIN STREET TALLAHASSEE, FL 32301	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROJECT CONTROL</b>	SHEET NO.  11
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 22	BAY	123456-1-52-01		



**CURVE DATA**

PI STA.	= 228+27.66
DELTA	= 08° 47' 42" (Rt.)
D	= 1° 00' 00"
T	= 440.62
L	= 879.50
R	= 5,729.58
PC STA.	= 223+87.04
PT STA.	= 232+66.55
e	= 0.026

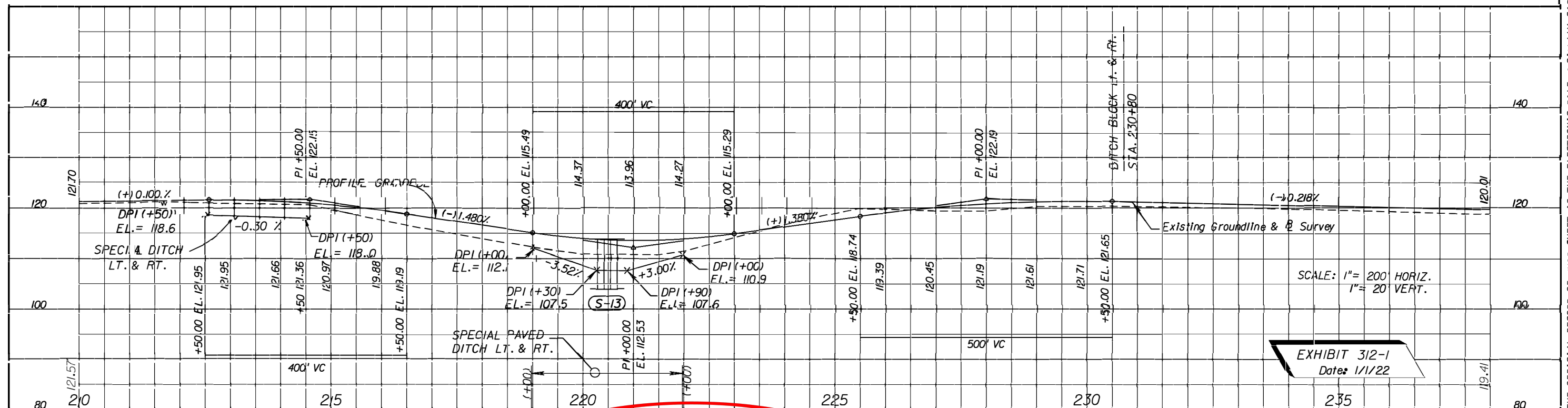


EXHIBIT 312-1  
Date: 1/1/22

REVISIONS	
DATE	DESCRIPTION

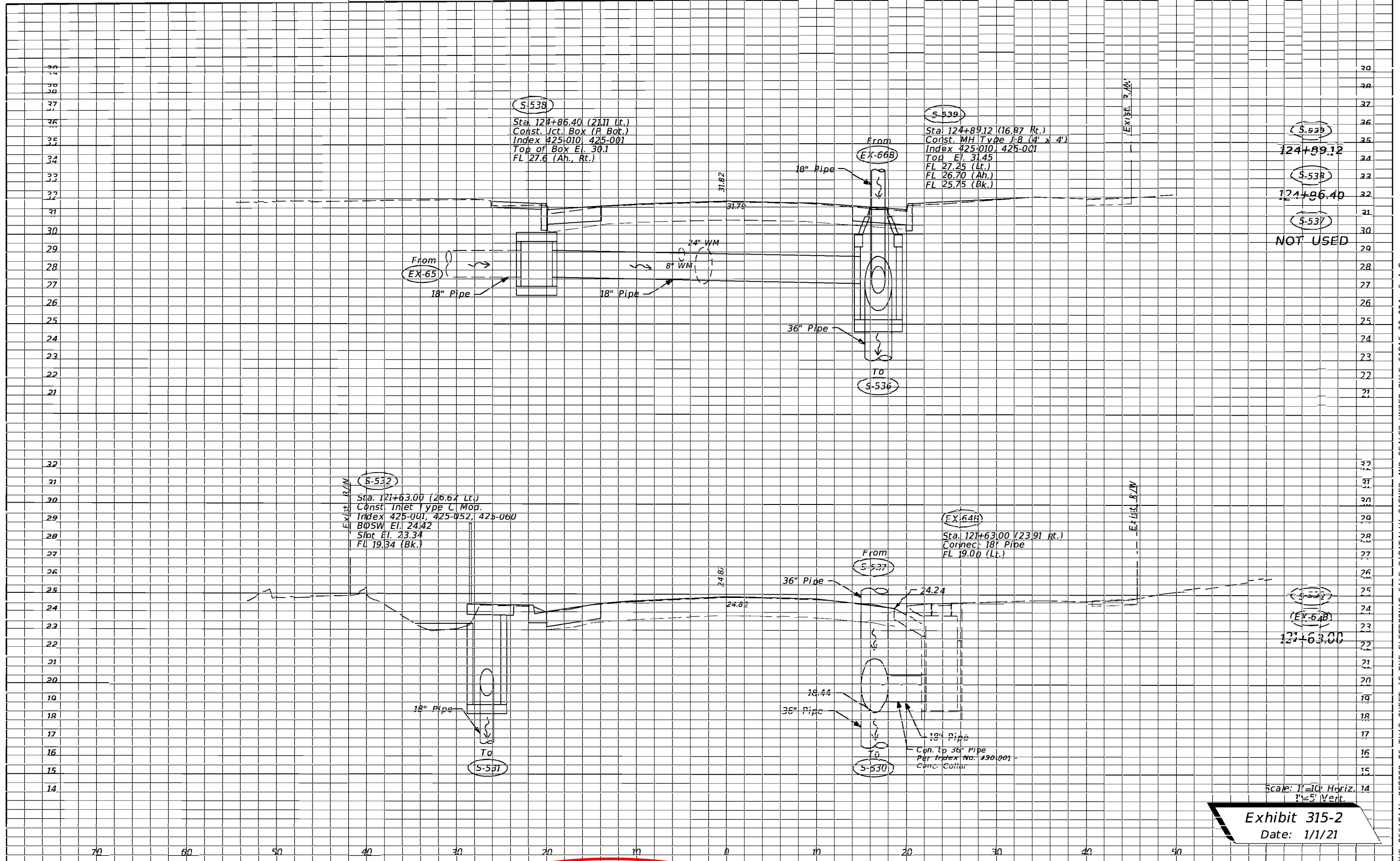
LUKE S. WALKER, P.E.  
P.E. LICENSE NUMBER 99991  
ROADWAY ENGINEERS, INC.  
123 MAIN STREET  
TALLAHASSEE, FL 32301

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 22	BAY	123456-1-52-01

**ROADWAY PLAN-PROFILE**

SHEET NO.

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Scale: 1"=10' Horiz.  
1"=5' Vert.

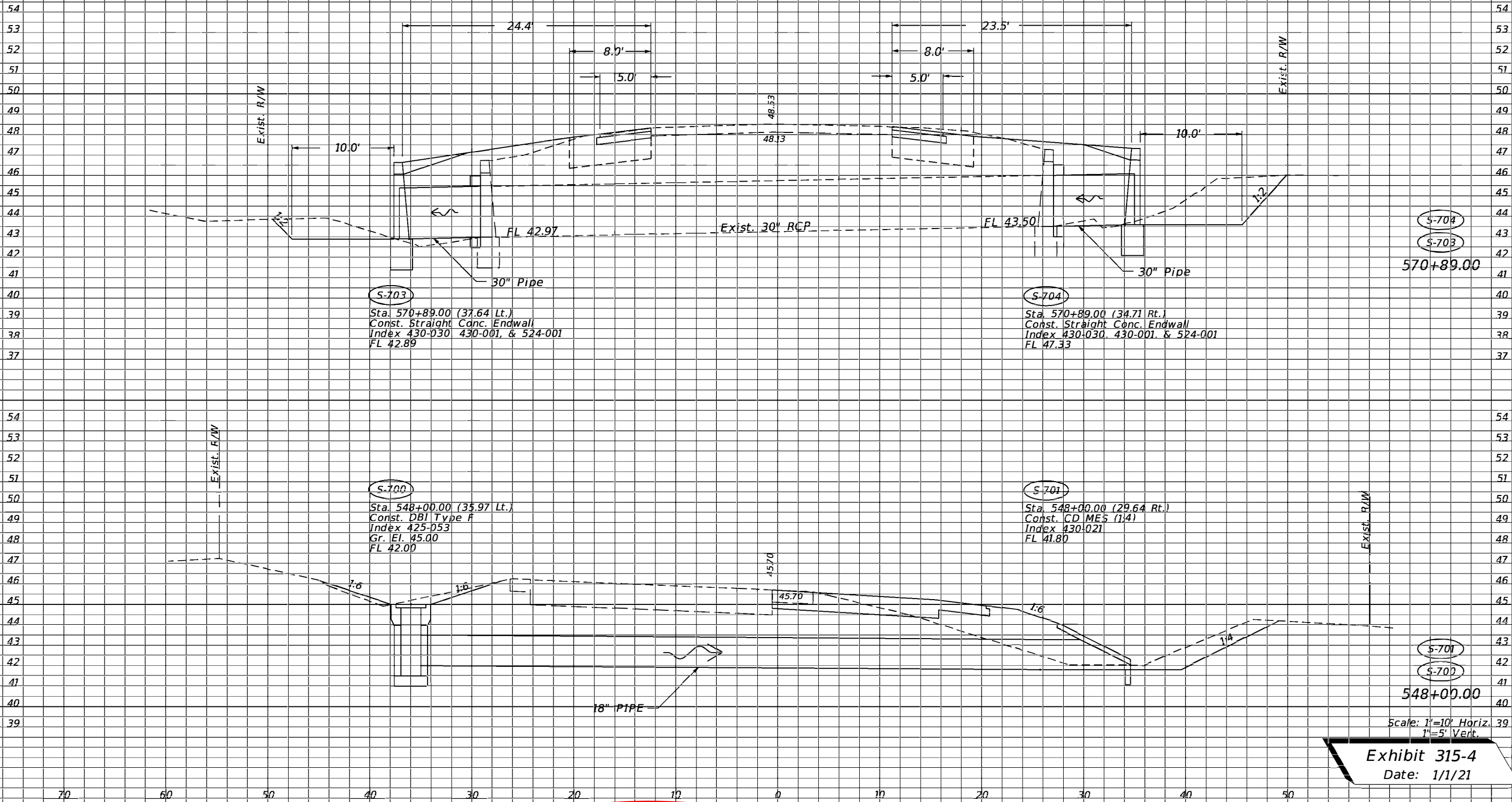
**Exhibit 315-2**  
Date: 1/1/21

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				10	LEON	123456-7-52-01	<b>DRAINAGE STRUCTURES</b>

LUKE S. WALKER, P.E.  
P.E. NO.: 99991  
ROADWAY ENGINEERS, INC.  
123 MAIN STREET  
TALLAHASSEE, FL 32301

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.





S-704  
S-703  
570+89.00

S-703  
Sta. 570+89.00 (37.64 Lt.)  
Const. Straight Conc. Endwall  
Index 430-030, 430-001, & 524-001  
FL 42.89

S-704  
Sta. 570+89.00 (34.71 Rt.)  
Const. Straight Conc. Endwall  
Index 430-030, 430-001, & 524-001  
FL 47.33

S-700  
Sta. 548+00.00 (35.97 Lt.)  
Const. DBI Type F  
Index 425-053  
Gr. El. 45.00  
FL 42.00

S-701  
Sta. 548+00.00 (29.64 Rt.)  
Const. CD MES (1:4)  
Index 430-021  
FL 41.80

S-701  
S-702  
548+00.00

Scale: 1"=10' Horiz.  
1"=5' Vert.

Exhibit 315-4  
Date: 1/1/21

REVISIONS		REVISIONS		LUKE S. WALKER, P.E. P.E. NO.: 99991 ROADWAY ENGINEERS, INC. 123 MAIN STREET TALLAHASSEE, FL 32301	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					10	LEON	123456-7-52-01	DRAINAGE STRUCTURES

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION  
MATERIALS AND RESEARCH**

DATE OF SURVEY : 2/15/2018-5/1/2018  
 SURVEY MADE BY : SOIL SURVEY, INC.  
 SUBMITTED BY : LEIA I. CROSSWELL, P.E.

PROJECT NAME: \_\_\_\_\_

FINANCIAL PROJECT ID : \_\_\_\_\_

DISTRICT : 3  
 ROAD NO : SR 22  
 COUNTY : BAY

**CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS**

SURVEY BEGINS STA. : 125+87 SURVEY ENDS STA. : 442+67  
 REFERENCE: BASELINE SURVEY

STRATUM NO.	ORGANIC CONTENT		MOISTURE CONTENT		SIEVE ANALYSIS RESULTS % PASSING					ATTERBERG LIMITS (%)				DESCRIPTION	CORROSION TEST RESULTS					
	NO. OF TESTS	% ORGANIC	NO. OF TESTS	% MOISTURE	NO. OF TESTS	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX		AASHTO GROUP	NO. OF TESTS	RESISTIVITY ohms-cm	CHLORIDE ppm	SULFATES ppm	pH
1	0	--	0	--	0	--	--	--	--	--	0	--	N.P.	--	ROCK BASE	0	--	--	--	--
2	0	--	0	--	4	87-98	77-93	59-82	44-55	3-10	0	--	N.P.	A-3	SUBGRADE, GRAY & TAN SAND W/TRACE SILT, LIMEROCK & SHELL	0	--	--	--	--
3	7	3.2-4.4	7	8-20	7	94-100	86-94	65-71	34-45	15-21	0	--	N.P.	A-2-4	FILL, DARK BROWN SAND W/SOME SILT & TRACE LIMEROCK	7	34000-43000	40-60	18-72	6.4-8.3
4	3	1.2-2.2	4	15-25	4	84-100	71-93	60-90	53-82	37-45	4	25-38	5-9	A-4	GRAY AND BROWN SILTY SAND W/TRACE CLAY AND LIMESTONE FRAGMENTS	4	23000-26000	60-120	84-96	8.4-8.9
5	0	--	0	--	3	100	99-100	96-98	75-80	30-34	3	42-44	11-15	A-2-7	TAN AND LIGHT GRAY SILTY SAND W/SOME CLAY AND TRACE SHELL	3	6600-8000	60-120	156-216	7.5-8.2
6	3	22-40	3	47-150	3	--	--	--	--	30-46	3	25-33	10-15	A-8	MUCK, ORGANIC DARK BROWN SILTY SAND W/SOME CLAY	0	--	--	--	--
7	0	--	0	--	3	100	88-92	73-79	60-69	51-55	3	55-61	38-53	A-7-6	YELLOW AND GRAY SILTY SANDY CLAY	0	--	--	--	--
8	3	16-20	3	20-58	3	99-100	97-99	88-97	77-80	10-15	0	--	N.P.	A-2-4	ORGANIC BROWN SAND W/TRACE SHELL	3	2000-3500	120	120	4.6-5.2
9	0	--	0	--	0	--	--	--	--	--	0	--	--	--	NATURAL LIMESTONE	0	--	--	--	--

**EMBANKMENT AND SUBGRADE MATERIAL**

STRATA BOUNDARIES ARE APPROXIMATE MAKE FINAL CHECK AFTER GRADING

▼ - WATER TABLE ENCOUNTERED

▽ - ESTIMATED SEASONAL HIGH GROUNDWATER LEVEL

GNE - GROUND WATER NOT ENCOUNTERED

The material from Stratum Number 1 is Rock Base under Asphaltic Concrete.

The material from Stratum Number 2 appears satisfactory for use in the embankment when utilized in accordance with Standard Plans, Index 120-001.

The material from Stratum Number 3 appears satisfactory for use in the embankment when utilized in accordance with Standard Plans, Index 120-001. However, this material is likely to retain excess moisture and may be difficult to dry and compact. It should be used in the embankment above the water level existing at the time of construction. This material may not be used in the subgrade portion of the roadbed due to its organic content.

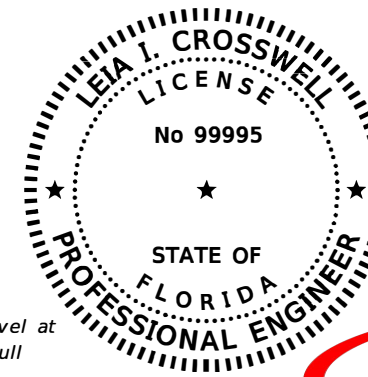
The materials from Stratum Numbers 4 and 5 are plastic materials and shall be removed in accordance with Standard Plans, Index 120-002. They may be placed above the existing water level at the time of construction, to within 4 feet of the proposed base. They should be placed uniformly in the lower portion of the embankment for some distances along the project rather than full depths for short distances.

The material from Stratum Numbers 6 and 8 is ORGANIC/A-8 material and shall be removed in accordance with Standard Plans, Index 120-002, except where noted in the cross sections.

The material from Stratum Number 7 is Highly Plastic material and shall be removed in accordance with Standard Plans, Index 120-002. It may be used within the project limits as indicated in Standard Plans, Index 120-001 only when excavated within the project limits and is not to be used when obtained from outside the project limits.

The material from Stratum Number 9 is the Natural Limestone Formation. Special tools and equipment may be required to excavate and/or dewater this material.

The " -- " indicates an unmeasured parameter.



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

Leia I. Crosswell  
 2018.10.11 8:31:01 - 4'00'

ON THE DATE ADJACENT TO THE SEAL PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

SOIL SURVEY, INC.  
 321 EAST 2ND STREET  
 TALLAHASSEE, FL 32301  
 LEIA I. CROSSWELL, P.E. NO. 99995

**Exhibit 318-1**  
 Date: 1/1/20

REVISIONS				LEIA I. CROSSWELL, P.E. P.E. NO. 99995 SOIL SURVEY, INC. 321 EAST 2ND STREET TALLAHASSEE, FL 32301	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY SOIL SURVEY	SHEET NO. GR-1
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 22	BAY	123456-1-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23-.004, F.A.C.

THIS EXHIBIT IS AN EXAMPLE NARRATIVE OF A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR A MAJOR RECONSTRUCTION PROJECT. ACTUAL PROJECT CONDITIONS OFTEN DICTATE DIFFERENT APPROACHES THAN SHOWN HERE. THE ENGINEER IS RESPONSIBLE FOR DEVELOPING A SITE SPECIFIC SWPPP THAT COMPLIES WITH THE FDOT DESIGN MANUAL.

2.C OTHER CONTROLS:

2.C.1 WASTE DISPOSAL:

IN THE SEDIMENT AND EROSION CONTROL PLAN, DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, TO WATERS OF THE UNITED STATES. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

- \* PROVIDING LITTER CONTROL AND COLLECTION WITHIN THE PROJECT DURING CONSTRUCTION ACTIVITIES.
- \* DISPOSING OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
- \* DISPOSING OF SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS OFF THE PROJECT SITE BUT NOT IN SURFACE WATERS, OR WETLANDS.

2.C.2 OFF-SITE VEHICLE TRACKING & DUST CONTROL:

IN THE SEDIMENT AND EROSION CONTROL PLAN, DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. INCLUDE IN THE PROPOSED METHODS AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

- \* COVERING LOADED HAUL TRUCKS WITH TARPULINS.
- \* REMOVING EXCESS DIRT FROM ROADS DAILY.
- \* STABILIZING CONSTRUCTION ENTRANCES ACCORDING TO THE FDEP EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL.
- \* USING ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION AND MILLING OPERATIONS.

2.C.3 STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC TANK REGULATIONS:

IN THE SPECIFICATION SECTION 104, EROSION CONTROL PLAN, DESCRIBE THE PROPOSED PROCEDURES TO COMPLY WITH APPLICABLE STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, AND SANITARY SEWER OR SEPTIC SYSTEMS.

2.C.4 FERTILIZERS AND PESTICIDES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, DESCRIBE THE PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES. THE PROPOSED PROCEDURES SHALL COMPLY WITH APPLICABLE SUBSECTIONS OF SECTION 982 OF THE SPECIFICATIONS.

2.C.5 TOXIC SUBSTANCES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, PROVIDE A LIST OF TOXIC SUBSTANCES THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE, AND DISPOSAL OF THESE SUBSTANCES.

2.D.4 APPROVED STATE AND LOCAL PLANS AND PERMITS:

- \* FDEP RULE CHAPTER 62-25 F.A.C.
- \* CITY OF NARCOOSSEE ENVIRONMENTAL MANAGEMENT ORDINANCE NUMBER 90-0-0044AA.

3.0 MAINTENANCE:

IN THE SEDIMENT AND EROSION CONTROL PLAN, PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. THE MAINTENANCE PLAN SHALL AT A MINIMUM, COMPLY WITH THE FOLLOWING:

- \* SILT FENCE: MAINTAIN PER SPECIFICATION SECTION 104. ANTICIPATE REPLACING SILT FENCE ON 12 MONTH INTERVALS.
- \* SEDIMENT BARRIERS : REMOVE SEDIMENT AS PER MANUFACTURER'S RECOMMENDATIONS OR WHEN WATER PONDS IN UNACCEPTABLE AMOUNTS OR AREAS.
- \* PONDS ONE AND TWO: THE PONDS ARE TEMPORARY SEDIMENT BASINS UNTIL THE AREAS THAT DRAIN TO THEM ARE STABILIZED, SO UNTIL THEN, REMOVE SEDIMENT FROM THE POND WHEN IT BECOMES 1.5' DEEP AT ANY POINT.

4.0 INSPECTIONS:

QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER.

TO COMPLY, INSTALL AND MAINTAIN RAIN GAUGES AND RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, CONDUCT INSPECTIONS AT LEAST ONCE EVERY MONTH. ALSO INSPECT THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN.

- \* POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES.
- \* POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM DRAIN SYSTEMS.
- \* DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
- \* AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
- \* STRUCTURAL CONTROLS.
- \* STORMWATER MANAGEMENT SYSTEMS.
- \* LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTIONS THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER.

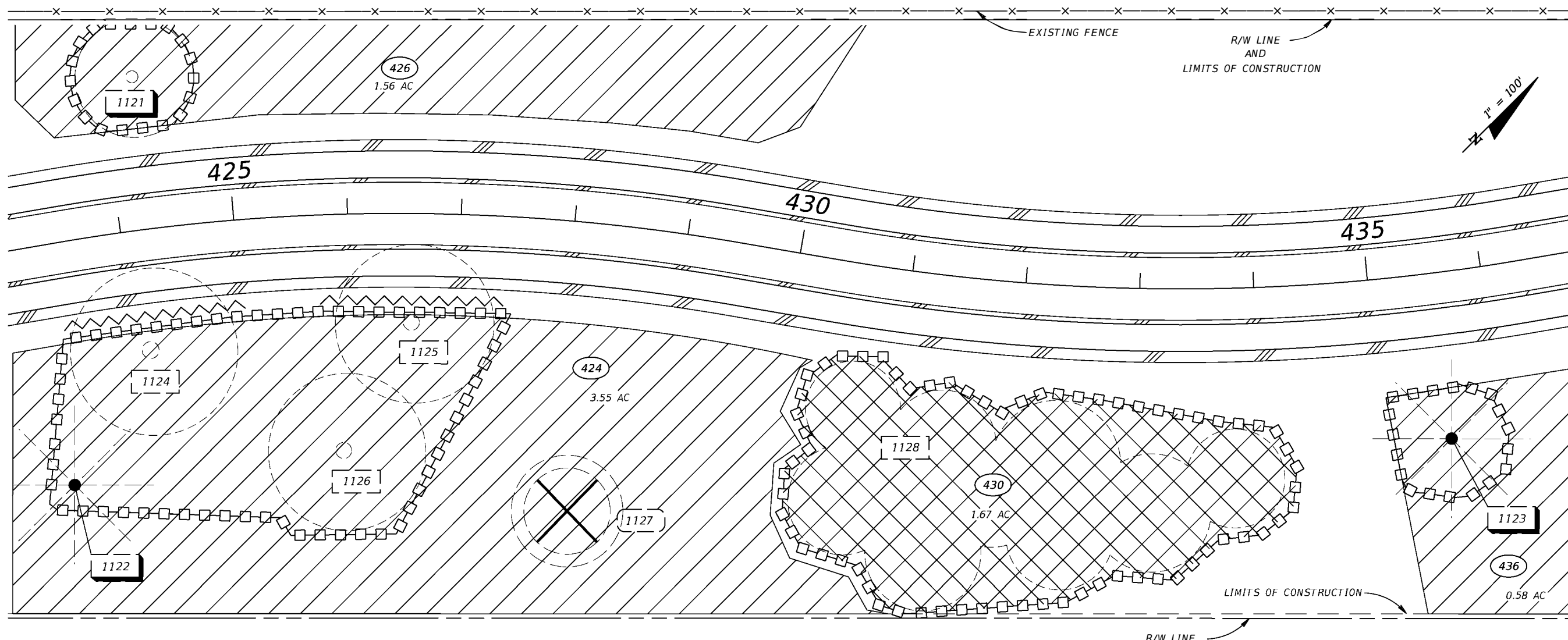
IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, PROVIDE ADDITIONAL MEASURES, AS APPROVED BY THE ENGINEER.

5.0 NON-STORMWATER DISCHARGES:



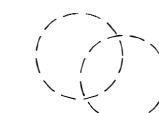


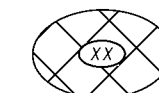



IN THE SPECIFICATION SECTION 104 EROSION CONTROL PLAN, IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES). DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION OF THESE NON-STORMWATER DISCHARGES. IF THE CONTRACTOR ENCOUNTERS CONTAMINATED SOIL OR GROUNDWATER, CONTACT DAVE LETTERMAN, DISTRICT HAZARDOUS MATERIALS COORDINATOR, AT (888) 274-5343.

Exhibit 320-3  
Date: 1/1/22

REVISIONS				LUKE S. WALKER, P.E. P.E. NO.: 99991 ROADWAY ENGINEERS, INC. 123 MAIN STREET TALLAHASSEE, FL 32301	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID			
			SR 22		BAY	123456-1-52-01			3



**LEGEND**

-  TREE PROTECTION BARRIER
-  ROOT PRUNING LINE
-  CANOPY OF EXISTING TREE  
(DASHED LINE DENOTES DRIPLINE OF TREE)
-  TREES TO BE REMOVED
-  SELECTIVE CLEARING AND GRUBBING AREAS
-  PLANT PRESERVATION AREAS
-  EXISTING TREE TO REMAIN
-  EXISTING TREE TO BE REMOVED
-  EXISTING TREE TO BE RELOCATED

**NOTES**

1. TREE DESIGNATION (ID) NUMBERS ARE DETAILED ON THE TREE DISPOSITION SHEETS.

**Exhibit 323-1**  
Date: 1/1/22

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>SELECTIVE CLEARING &amp; GRUBBING PLAN</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 22	BAY	123456-1-52-01		

ARTURITO T. GOMEZ, L.A.  
 L.A. NO.: 99999  
 LAND DESIGN, LLC.  
 345 IVY LANE  
 ORLANDO, FL 32801

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.

**SELECTIVE CLEARING & GRUBBING WORK TABLE**

AREA ID	WORK DESCRIPTION	EST. % OF PRIMARY SPECIES TO TARGET	PRIMARY SPECIES TO TARGET	SPECIES TO REMAIN	ADDITIONAL INFORMATION
424	DESIGNATES AREAS WHERE CATEGORY #1 INVASIVE, EXOTIC VEGETATION AND NATIVE UNDERSTORY WILL BE SELECTIVELY REMOVED. LARGE DESIREABLE TREES TO REMAIN. ALL TREES UNDER 4" DBH TO BE REMOVED.	75%	JP, ST, LY, AA	PE, QV, SP	RAISE CANOPY OF QV BY PRUNING. REMOVE LARGE TREE DEBRIS OR GRIND ON SITE AND SPREAD IN UPLAND (NON-GRASSED) AREAS.
426	DESIGNATES AREAS WHERE ALL NATIVE VEGETATION WILL BE MOWED FLUSH WITH THE GROUND AND ALL CATEGORY #1 INVASIVE, EXOTIC VEGETATION WILL BE TREATED WITH HERBICIDES AND ALLOWED TO DIE IN PLACE.	100%	TS, ST, CW	NONE	INCLUDES REMOVAL OR MOWING OF WILLOWS AND WAX MYRTLE.
436	DESIGNATES AREAS WHERE CATEGORY #1 INVASIVE, EXOTIC VEGETATION WILL BE SELECTIVELY REMOVED FROM DESIREABLE VEGETATION TO REMAIN.	50%	JP, ST, LY	PE, QV, SP	

**WORK TABLE NOTES**

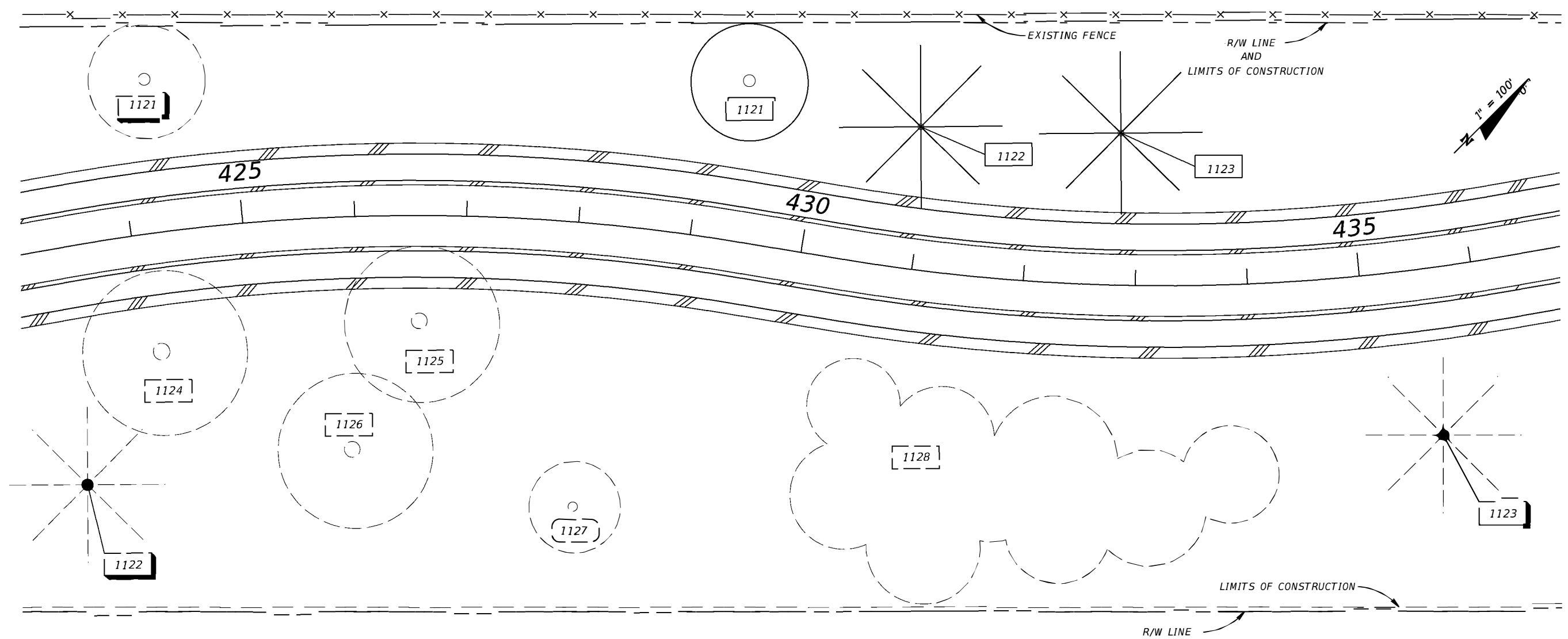
- "PRIMARY" SPECIES TO TARGET (REMOVE) OR PRESERVE ARE THOSE THAT WERE DETERMINED TO BE MOST PREVALENT IN THAT AREA, AND ARE NOT INTENDED TO BE THE ONLY SPECIES THAT OCCUR.  
  
THE FOLLOWING ADDITIONAL UNDESIREABLE NATIVE SPECIES WILL BE TARGETED FOR REMOVAL IN ALL AREAS LISTED IN THE WORK TABLE:  
  
BOTANICAL NAME (COMMON NAME)  
MYRICA CERIFERA (SOUTHERN WAX MYRTLE)  
TYPHA SPP. (CATTAILS)
- ESTIMATED PERCENTAGES OF INVASIVE EXOTIC VEGETATION ARE BASED ON FIELD OBSERVATIONS AND ARE SUBJECT TO CHANGE.
- THE FOLLOWING CATEGORY #1 INVASIVE SPECIES WILL NOT BE TARGETED FOR REMOVAL:  
  
BOTANICAL NAME (COMMON NAME)  
SOLANUM TAMPICENSE (WETLAND NIGHTSHADE)  
PANICUM REPENS (TORPEDO GRASS)

**SPECIES LEGEND**

(SYM)	BOTANICAL NAME (COMMON NAME)
(AA)	ACACIA AURICULIFORMIS (EARLEAF ACACIA)
(ST)	SCHINUS TEREBINTHIFOLIUS (BRAZILIAN PEPPER)
(TS)	TYPHA SPP. (CATTAILS)
(JP)	SYZYGIVM CUMINI (JAVA PLUM)
(LY)	LYGODIVM SPP. (JAPANESE/OLD WORLD CLIMBING FERN)
(MC)	MYRICA CERIFERA (SOUTHERN WAX MYRTLE)
(PE)	PINUS ELLIOTTII (SLASH PINE)
(SP)	SABAL PALMETTO (SABAL PALM)
(QV)	QUERCUS VIRGINIANA (LIVE OAK)
(CW)	SALIX CAROLINIANA (COASTAL PLAIN WILLOW)

**Exhibit 323-2**  
Date: 1/1/22

REVISIONS				ARTURITO T. GOMEZ, L.A. L.A. NO.: 99999 LAND DESIGN, LLC. 345 IVY LANE ORLANDO, FL 32801	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>SELECTIVE CLEARING AND GRUBBING DETAIL SHEET</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 22	BAY	123456-1-52-01		



**LEGEND**

- XXXX EXISTING TREE/ GROUP OF TREES TO REMAIN
  - XXXX EXISTING TREE TO BE REMOVED
  - XXXX EXISTING TREE TO BE RELOCATED
  - XXXX RELOCATED TREE
- 
- EXISTING TREE
  - RELOCATED TREE
  - EXISTING PALM
  - RELOCATED PALM

Exhibit 323-3  
 Date: 1/1/22

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>TREE DISPOSITION SHEET</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 22	BAY	123456-1-52-01		

ARTURITO T. GOMEZ, L.A.  
 L.A. NO.: 99999  
 LAND DESIGN, LLC.  
 345 IVY LANE  
 ORLANDO, FL 32801

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER R# 61610-11 0 1 , F.A.C.

SHEET NUMBER	TREE NO.	SYMBOL	BOTANICAL NAME	COMMON NAME	DBH (INCHES) (DIAMETER AT BREST HEIGHT)	HEIGHT (FEET) (APPROX.)	SPREAD (FEET) (APPROX.)	LOCATION		CONDITION	DISPOSITION	NOTES
								STA.	OFFSET/SIDE			
TD-1	1121	QV	QUERCUS VIRGINIANA	LIVE OAK	4	16	7	424+20	130' LT	ABOVE AVERAGE	RELOCATE TO STA. 429+30, 145' LT	NURSERY MATERIAL PLANTED IN 2017 AS PART OF A LANDSCAPE PROJECT
TD-1	1122	RR	ROYSTONIA REGIA	ROYAL PALM	19	19 GW		423+60	210' RT	ABOVE AVERAGE	RELOCATE TO STA. 430+90, 130' LT	
TD-1	1123	RR	ROYSTONIA REGIA	ROYAL PALM	23	13 GW		435+70	140' RT	EXCELLENT	RELOCATE TO STA. 432+85, 135' LT	
TD-1	1124	QV	QUERCUS VIRGINIANA	LIVE OAK	16	30	35	424+25	108' RT	AVERAGE	REMAIN	
TD-1	1125	QV	QUERCUS VIRGINIANA	LIVE OAK	14	30	30	426+57	97' RT	ABOVE AVERAGE	REMAIN	
TD-1	1126	QV	QUERCUS VIRGINIANA	LIVE OAK	25	40	50	425+99	210' RT	ABOVE AVERAGE	REMAIN	LOCATED INSIDE PLANT PRESERVATION AREA #430, BOUNDED BY TREE PROTECTION BARRIER
TD-1	1127	QV	QUERCUS VIRGINIANA	LIVE OAK	6	20	25	427+95	300' RT	POOR	REMOVE	SEE SELECTIVE CLEARING AND GRUBBING SHEET
TD-1	1128	PC	PINUS CLAUSA	SAND PINE				430+70 - 434+95	RT	AVERAGE	REMAIN	GROUP OF PINES

**Exhibit 323-4**  
Date: 1/1/22

REVISIONS				ARTURITO T. GOMEZ, L.A. L.A. NO.: 99999 LAND DESIGN, LLC. 345 IVY LANE ORLANDO, FL 32801	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 22	BAY	123456-1-52-01	

**TREE DISPOSITION CHART**

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.

PHASE II NOTES FOR REVIEWERS

1. A RRR REPORT HAS BEEN PREPARED AND IS INCLUDED WITH THIS SUBMITTAL.
2. THE TYPICAL SECTION PACKAGE IS COMPLETE AND PENDING SIGNATURE CONCURRENCE.
3. DESIGN VARIATIONS ARE BEING PROCESSED FOR:
  - PAVEMENT CROSS SLOPE
  - SHOULDER CROSS SLOPE
  - SHOULDER WIDTH
  - LATERAL WIDTH TO GUARDRAIL
  - SUPERELEVATION
  - MAXIMUM CHANGE IN CROSS SLOPE BETWEEN ADJACENT LANES
  - 10-FT-WIDE MAINTENANCE AREA FOR RETAINING WALL
  - DEFLECTION IN ALIGNMENT
  - MAXIMUM DEFLECTION THROUGH AN INTERSECTION
  - CLEAR ZONE FOR DRAINAGE FEATURES
 THESE VARIATIONS WILL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO PHASE III SUBMITTAL.
4. MAINTENANCE AGREEMENT FOR ARCHITECTURAL LIGHTING IS BEING PROCESSED.
5. DDI DESIGN FOLLOWS CRITERIA SET BY FDM D217 DATED JANUARY 2021.

GENERAL NOTES

1. ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:  
 ANNA KING, P.S.M.  
 P.S.M. NO.: 9993  
 MAPS R US, INC.  
 678 COMPASS ROAD  
 MIAMI, FL 33179

2. UTILITY AGENCY OWNERS:	COMPANY	CONTACT	TELEPHONE NUMBERS
	SHINRA POWER	CLOUD CROSS	(904) 555-1234
	ENCOM	NOLEY MCGEE	(904) 555-2345
	SILPH CO.	GIO KOALA	(904) 555-3456
	MAKO COMMUNICATIONS	ROB CUE	(904) 555-4567
	CITY OF TALLAHASSEE UTILITIES	CHESTER DIGGER	(904) 555-5678

FDM REFERENCE TABLE

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**Exhibit 914-1**  
 Date: 1/1/22

REVISIONS				LUKE S. WALKER, P.E. P.E. NO.: 99991 ROADWAY ENGINEERS, INC. 123 MAIN STREET TALLAHASSEE, FL 32301	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>GENERAL NOTES</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 22	BAY		123456-1-52-01