

**Florida Department of Transportation  
Bid Solicitation Notice and Approximate Quantities**

Letting: 05230502                      Call Order: 001      Proposal: E50B5                      District:05

Counties: VOLUSIA

Road Name: SR 44

Limits: 79070000

Project(s): 44530015201(\*)                      Federal Aid No: N/A

Total Roadway Length:	5.546 Miles	Contract Days:	290
Total Bridge Length:	0.000 Miles	Letting Date:	05/02/23
Total Proposal Length:	5.546 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	30

Proposal Budget Estimate: \$6,622,340.00

Please read the full advertisement

Description:

The Improvements under this Contract consist of milling and resurfacing, minor widening, sidewalk, lighting, signalization, and signing and pavement markings along SR 44 (New York Avenue) from N. Hill Avenue to I4 Eastbound On-Ramp.

PREQUALIFICATION REQUIRED

**Call Order: 001 Proposal: E50B5**

ALT	Item	Description	Unit	Quantity
<b>Section 0001 Roadway</b>				
	0101- 1-	MOBILIZATION (44530015201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44530015201)	LS	1.000
	0102- 4- 1	PEDESTRIAN OR BICYCLE SPECIAL DETOUR (44530015201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	484.000
	0102- 25-100	PEDESTRIAN ESCORT OPERATION	HR	120.000
	0102- 60-	WORK ZONE SIGN	ED	33,698.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	2,424.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	1,638.000
	0102- 71- 23	TEMPORARY BARRIER, RELOCATE, LOW PROFILE CONCRETE	LF	552.000
	0102- 71- 25	TEMPORARY BARRIER, RELOCATE, ANCHORED	LF	100.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	42,810.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	2,870.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	290.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	4.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1,030.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	1,450.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	1,450.000
	0102-913- 21	REMOVABLE TAPE, WHITE, SOLID 6"	GM	0.042
	0102-913- 22	REMOVABLE TAPE, WHITE, 10'-30', 3'-9', 6'-10', or 2'-4' SKIP, 6" WIDE	GM	0.138
	0102-913- 31	REMOVABLE TAPE, YELLOW, SOLID, 6"	GM	0.138
	0104- 10- 3	SEDIMENT BARRIER	LF	12,045.000
	0104- 12-	STAKED TURBIDITY BARRIER- NYLON REINFORCED PVC	LF	3,394.000

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	0104- 18-	INLET PROTECTION SYSTEM	EA	80.000
	0107- 1-	LITTER REMOVAL	AC	411.610
	0107- 2-	MOWING	AC	324.510
	0110- 1- 1	CLEARING & GRUBBING (44530015201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	496.000
	0110- 7- 1	MAILBOX, F&I SINGLE	EA	33.000
	0120- 1-	REGULAR EXCAVATION	CY	572.000
	0120- 6-	EMBANKMENT	CY	218.000
	0160- 4-	TYPE B STABILIZATION	SY	2,221.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	418.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	916.000
	0285-715-	OPTIONAL BASE, BASE GROUP 15	SY	124.000
	0286- 1-	TURNOUT CONSTRUCTION/DRIVEWAY BASE- OPTIONAL MATERIALS	SY	328.000
	0327- 70- 2	MILLING EXISTING ASPHALT PAVEMENT, 3 1/2" AVG DEPTH	SY	19,650.000
	0327- 70- 4	MILLING EXISTING ASPHALT PAVEMENT, 3" AVG DEPTH	SY	49,302.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	17,331.000
	0327- 70- 7	MILLING EXISTING ASPHALT PAVEMENT, 4" AVG DEPTH	SY	10,740.000
	0334- 1- 15	SUPERPAVE ASPHALTIC CONC, TRAFFIC E	TN	8,041.400
	0337- 7- 88	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC E, FC-12.5, PG 76-22	TN	7,978.000
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	43.400
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	1.000
	0425- 1-365	INLETS, CURB, TYPE P-6, PARTIAL	EA	1.000
	0425- 1-561	INLETS, DT BOT, TYPE F, <10'	EA	4.000
	0425- 1-565	INLETS, DITCH BOTTOM, TYPE F, PARTIAL	EA	1.000
	0425- 2- 61	MANHOLES, P-8, <10'	EA	1.000
	0425- 2- 63	MANHOLES, P-8, PARTIAL	EA	1.000
	0425- 5-	MANHOLE, ADJUST	EA	6.000
	0430-174-215	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 15"SD	LF	114.000
	0430-175-115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"S/CD	LF	35.000
	0430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	444.000
	0430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"S/CD	LF	8.000
	0430-984-623	MITERED END SECTION, OPTIONAL OTHER - ELLIP/ARCH, 15" SD	EA	4.000
	0436- 1- 1	TRENCH DRAIN, STANDARD	LF	220.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	499.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	882.000
	0520- 1- 12	CONCRETE CURB & GUTTER, TYPE F WITH SPECIAL GUTTER PROFILE	LF	2,687.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	6.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	1,604.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	1,080.000
	0527- 2-	DETECTABLE WARNINGS	SF	569.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	99.000
	0536- 1- 3	GUARDRAIL- ROADWAY, DOUBLE FACE	LF	183.000

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	0536- 8-112	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I- INDEX 536-001, APPROACH TL-3	EA	1.000
	0536- 73-	GUARDRAIL REMOVAL	LF	395.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	1.000
	0536- 85- 27	GUARDRAIL END TREATMENT- DOUBLE FACE APPROACH TERMINAL	EA	2.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	8,473.000
	0570- 1- 3	PERFORMANCE TURF, SOD AND SOIL- SHOULDER TREATMENT INDEX 570-010	SY	296.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	80.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	50.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	2.000
	0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	4.000
	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	4.000
	0695- 7-132	TRAFFIC MONITORING SITE CABINET, FURNISH & INSTALL, TYPE 3, PEDESTAL MOUNT	EA	1.000
	0695- 7-600	TRAFFIC MONITORING SITE CABINET, REMOVE EXISTING CABINET	EA	4.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	5,177.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	9.517
	0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.198
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	723.000
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	761.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	462.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	2.920
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.714
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	5.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	41.000
	0710- 11-180	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, YIELD LINE	LF	15.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	9.058
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	665.000
	0710- 11-241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	0.052
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44530015201)	LS	1.000
<b>Section 0002 Signing</b>				
	0546- 72- 3	GROUND-IN RUMBLE STRIPS, 8" SINUSOIDAL	GM	0.986
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	82.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	4.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	3.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	42.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	27.000

**Call Order: 001 Proposal: E50B5**

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	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	26.000
	0700- 12- 22	SIGN BEACON, F&I GROUND MOUNT- SOLAR POWERED, TWO BEACONS	AS	1.000
	0700- 13- 15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	10.000
	0704- 1- 2	TUBULAR MARKER, DURABLE, 36" YELLOW POST	EA	11.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	48.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	1,747.000
	0710- 11-190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND NOSE	SF	8.000
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	207.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44530015201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	1,327.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	761.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	386.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.552
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	9.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	39.000
	0711- 11-180	THERMOPLASTIC, STANDARD, WHITE, YIELD LINE	LF	15.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	589.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.052
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	594.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	12.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	12.000
	0711- 14-560	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST ON CONCRETE PAVEMENT, MESSAGE OR SYMBOL	EA	2.000
	0711- 14-570	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST, ARROW ON CONCRETE SURFACE	EA	2.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	7.350
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.198
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	GM	2.277
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	6.725
	0711- 17- 1	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS- SURFACE TO REMAIN	SF	1,755.000
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.282
	0713-103-131	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.138
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.141
	0713-103-331	PERMANENT TAPE, BLACK, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.144
	0920-714-100	GREEN COLORED PAVEMENT MARKINGS, BIKE LANE	SF	4,733.000

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ALT	Item	Description	Unit	Quantity
<b>Section 0003 Signalization</b>				
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	3.873
	0611- 2- 1	ITSFM LOCATION DOCUMENTATION- INTERSECTION	EA	4.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	1,351.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	3,073.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	75.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	4.000
	0632- 7- 2	SIGNAL CABLE- REPAIR/REPLACE/OTHER, FURNISH & INSTALL	LF	468.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	290.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	53.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	16.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	8.000
	0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	1.000
	0650- 1- 16	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	1.000
	0650- 1- 60	VEHICULAR TRAFFIC SIGNAL, REMOVE- POLES TO REMAIN	AS	1.000
	0650- 1- 70	VEHICULAR TRAFFIC SIGNAL, RELOCATE- INCLUDES REMOVAL AND REINSTALLATION	AS	1.000
	0650- 2-102	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT- FURNISH & INSTALL, BACKPLATE- BLACK WITH REFLECT BORDER	EA	8.000
	0650- 2-109	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT- FURNISH & INSTALL, BACKPLATE- FLEXIBLE REQUIRED	EA	8.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	12.000
	0653- 1- 12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	AS	3.000
	0653- 1- 60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	AS	2.000
	0660- 1-600	LOOP DETECTOR INDUCTIVE, REMOVE- CABINET TO REMAIN	EA	5.000
	0660- 2-102	LOOP ASSEMBLY, F&I, TYPE B	AS	19.000
	0660- 2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	9.000
	0660- 3- 11	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA	2.000
	0660- 3- 12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	6.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	18.000
	0665- 1- 60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	EA	2.000
	0676- 3- 10	SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS THAN 10"W X 13"H X 11" D	EA	3.000