

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

Letting: CT210127      Call Order: 001      Proposal: T1065      District:01

Counties: POLK

Road Name: SR 400 (I-4)

Limits: FROM SR 33 TO CR 557 (OLD GRADE RD)

Project(s): 43137615201(\*)      Federal Aid No: D120033B

Project(s): 43137615202      Federal Aid No: D120033B

Project(s): 43137615203      Federal Aid No: N/A

Total Roadway Length:	8.949 Miles	Contract Days:	380
Total Bridge Length:	0.047 Miles	Letting Date:	01/27/21
Total Proposal Length:	8.996 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	15 Days

Proposal Budget Estimate: \$15,608,262.00

Please read the full advertisement

**Description:**

The improvements under this contract consist of milling and resurfacing, pavement crack repair, widening, guardrail, signing and pavement markings, wrong way detection system and traffic monitoring site along SR 400 from SR 33 to CR 557 (Old Grade Rd.) for 8.996 miles in Polk County.

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ALT	Item	Description	Unit	Quantity
<b>Section 0001 Roadway</b>				
	0101- 1-	MOBILIZATION (43137615201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43137615201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (43137615201)	LS	1.000
	0102- 2-300	SPECIAL DETOUR- TEMPORARY EARTHWORK/BASE (43137615201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	3,040.000
	0102- 60-	WORK ZONE SIGN	ED	22,280.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	4,925.000
	0102- 71- 25	TEMPORARY BARRIER, RELOCATE, ANCHORED	LF	3,150.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	73,000.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	2,190.000
	0102- 78-	TEMPORARY RAISED/RETROREFLECTIVE PAVEMENT MARKER	EA	5,983.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	27.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	4,143.000
	0102-150- 1	PORTABLE REGULATORY, SIGN	ED	760.000
	0102-150- 2	RADAR SPEED DISPLAY UNIT	ED	760.000
	0102-913- 21	REMOVABLE TAPE, WHITE, SOLID 6"	GM	1.791
	0104- 10- 3	SEDIMENT BARRIER	LF	19,125.000
	0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	23.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	28.000
	0107- 1-	LITTER REMOVAL	AC	5,385.000
	0107- 2-	MOWING	AC	4,755.000
	0110- 1- 1	CLEARING & GRUBBING (43137615202)	LS	1.000

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ALT	Item	Description	Unit	Quantity
	0110- 1- 1	CLEARING & GRUBBING (43137615203)	LS	1.000
	0120- 1-	REGULAR EXCAVATION	CY	943.000
	0120- 6-	EMBANKMENT	CY	2,077.000
	0160- 4-	TYPE B STABILIZATION	SY	2,761.000
	0285-705-	OPTIONAL BASE, BASE GROUP 05	SY	307.000
	0285-711-	OPTIONAL BASE, BASE GROUP 11	SY	1,917.000
	0327- 70- 4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	SY	5,920.000
	0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	192,468.000
	0327- 70- 9	MILLING EXIST ASPH PAVT, 5 1/4" AVG DEPTH	SY	133.000
	0327- 70- 11	MILLING EXIST ASPH PAVT, 2 1/4" AVG DEPTH	SY	410,237.000
	0327- 70- 19	MILLING EXIST ASPH PAVT, 3/4" AVG DEPTH	SY	462.000
	0327- 70- 20	MILLING EXIST ASPH PAVT, 3 3/4" AVG DEPTH	SY	374.000
	0334- 1- 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	16,296.300
	0334- 1- 14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	TN	268.000
	0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	488.000
	0334- 1- 54	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC D, PG76-22	TN	243.000
	0334- 1- 55	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC E, PG76-22	TN	36,606.500
	0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	16,291.000
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	488.000
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	743.300
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	8,921.000
	0536- 1- 3	GUARDRAIL- ROADWAY, DOUBLE FACE	LF	5,235.000
	0536- 5- 1	RUB RAIL FOR GUARDRAIL, SINGLE SIDED RUB RAIL	LF	3,700.000
	0536- 7- 3	SPECIAL GUARDRAIL POST- ENCASED POST FOR SHALLOW MOUNT	EA	19.000
	0536- 8-122	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, FURNISH AND INSTALL, EXISTING BRIDGE APPROACH TL-3	EA	8.000
	0536- 8-123	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, FURNISH AND INSTALL, EXISTING BRIDGE, TRAILING	EA	3.000
	0536- 73-	GUARDRAIL REMOVAL	LF	14,528.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	17.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	22.000
	0536- 85- 27	GUARDRAIL END TREATMENT- DOUBLE FACE APPROACH TERMINA	EA	1.000
	0536- 85- 29	GUARDRAIL END TREATMENT- DOUBLE FACE TRAILING ANCHORAGE	EA	2.000
	0544- 3- 1	CRASH CUSHION, TL-3, NARROW	EA	1.000
	0546- 72- 1	GROUND-IN RUMBLE STRIPS, 16"	GM	32.860
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	59,462.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	162.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	200.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	8.000
	0695- 2- 1	TRAFFIC MONITORING SITE NON-INTRUSIVE VEHICLE SENSOR- NON-WEIGHT, FURNISH & INSTALL	EA	8.000
	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	13.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	18.641

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ALT	Item	Description	Unit	Quantity
	0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.118
	0710- 11-103	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE MARKINGS, 12"	GM	1.870
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	345.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	24.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	36.279
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	19.214
	0918-331- 3	FIBER REINFORCED BITUMINOUS PATCHING MATERIAL, PROJECT 431376-1-52-01	CF	417.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43137615201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43137615202)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43137615203)	LS	1.000
<b>Section 0002 Signing</b>				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	2,677.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,471.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	17.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	22.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	7.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	1.000
	0660- 7- 11	VEHICLE DETECTION SYSTEM- WRONG WAY FOR EXIT RAMP, 1 OR 2 LANES	EA	2.000
	0660- 7- 12	VEHICLE DETECTION SYSTEM- WRONG WAY FOR EXIT RAMP, 3 OR MORE LANES	EA	1.000
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	17.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	56.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	6.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	57.000
	0700- 2- 14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS	6.000
	0700- 2- 16	MULTI- POST SIGN, F&I GROUND MOUNT, 101-200 SF	AS	3.000
	0700- 2- 17	MULTI- POST SIGN, F&I GROUND MOUNT, 201-300 SF	AS	7.000
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	24.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	1.000
	0700- 3-102	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 12-20 SF	EA	2.000
	0700- 3-103	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 21-30 SF	EA	6.000
	0700- 3-104	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 31-50 SF	EA	5.000
	0700- 3-105	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 51-100 SF	EA	14.000
	0700- 3-106	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 101-200 SF	EA	7.000
	0700- 3-107	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 201-300 SF	EA	1.000
	0700- 3-203	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 21-30 SF	EA	2.000
	0700- 3-207	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 201-300 SF	EA	1.000
	0700- 3-208	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 301-400 SF	EA	1.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1.000
	0700- 3-602	SIGN PANEL, REMOVE, 12-20 SF	EA	4.000

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ALT	Item	Description	Unit	Quantity
	0700- 3-603	SIGN PANEL, REMOVE, 21-30 SF	EA	6.000
	0700- 3-604	SIGN PANEL, REMOVE, 31-50 SF	EA	5.000
	0700- 3-605	SIGN PANEL, REMOVE, 51-100 SF	EA	14.000
	0700- 3-606	SIGN PANEL, REMOVE, 101-200 SF	EA	7.000
	0700- 3-607	SIGN PANEL, REMOVE, 201-300 SF	EA	1.000
	0700- 3-626	SIGN PANEL, REMOVE, 101-200 SF WITH LIGHTING	EA	1.000
	0700- 3-627	SIGN PANEL, REMOVE PANEL, 201-300 SF WITH LIGHTING	EA	1.000
	0700- 4-113	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 31-40 FT	EA	1.000
	0700- 4-114	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 41-50 FT	EA	1.000
	0700- 4-610	OVERHEAD STATIC SIGN STRUCTURE, REMOVE CANTILEVER	EA	1.000
	0700- 6- 11	HIGHLIGHTED SIGN, F&I GROUND MOUNT- AC POWERED, UP TO 12 SF	AS	12.000
	0700- 13- 12	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 2'	EA	12.000
	0700- 13- 15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	12.000
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	60.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43137615201)	LS	1.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43137615203)	LS	1.000
	0711- 11-103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	GM	1.870
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	935.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	24.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.090
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	1.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	6.000
	0711- 11-180	THERMOPLASTIC, STANDARD, WHITE, YIELD LINE	LF	12.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	140.000
	0711- 14-560	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST ON CONCRETE PAVEMENT, MESSAGE OR SYMBOL	EA	5.000
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	17.768
	0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	36.279
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	17.789
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.957
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.349
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.974
	0711- 17- 1	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS- SURFACE TO REMAIN	SF	28.000
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.214
	0713-103-131	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.441

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ALT	Item	Description	Unit	Quantity
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.213
	0713-103-331	PERMANENT TAPE, BLACK, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.417
<b>Section 0003 Signalization</b>				
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	2,925.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	10.000
	0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	36.000
	0633- 3- 14	FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT	EA	3.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	3.000
	0633- 3- 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE	EA	2.000
	0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	1,215.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	3,137.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	2.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	3.000