

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

Letting: 05200107 Call Order: 003 Proposal: E50A4 District:05

Counties: OSCEOLA

Road Name: SR 15 US 441 FROM N OF TYSON CREEK ROAD TO SR 500 US 192

Limits: 92060000

Project(s): 43754315201(*) Federal Aid No: N/A

Total Roadway Length:	14.952 Miles	Contract Days:	180
Total Bridge Length:	0.091 Miles	Letting Date:	01/07/20
Total Proposal Length:	15.043 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	30

Proposal Budget Estimate: \$7,596,972.00

Please read the full advertisement

Description:

The improvements under this Contract consist of rehabilitating the asphalt pavement to extend the longevity of the roadway SR 15 (US 441) from N. of Tyson Creek Rd. to SR 500 (US 192), as well as the realignment of two curves using a 60 MPH design speed to match the posted speed. The intent of the project is to mill and resurface the roadway, including necessary roadside improvements such as cross slope correction, drainage, signals, and signing and pavement markings in Osceola County.

The summary of pay items for this project is listed in the Plans.

PREQUALIFICATION REQUIRED

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ALT	Item	Description	Unit	Quantity
Section 0001 Structures				
	0413-151-	METHACRYLATE MONOMER	GA	90.000
	0413-154-	CLEANING & SEALING CONCRETE SURFACES - PENETRANT SEALER OR METHACRYLATES	SF	8,008.000
	0457- 1- 12	STANDARD INTEGRAL PILE JACKET, NON-STRUCTURAL, 16.1 to 30.0"	LF	153.000
	0458- 1- 21	BRIDGE DECK EXPANSION JOINT, REHABILITATION, POURED JOINT WITH BACKER ROD	LF	868.000
	0458- 2-	POLYMER NOSING FOR BRIDGE DECK EXPANSION JOINT	CF	102.600
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (43754315201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43754315201)	LS	1.000
	0102- 2- 1	SPECIAL DETOUR 1 (43754315201)	LS	1.000
	0102- 60-	WORK ZONE SIGN	ED	11,100.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	12,600.000
	0102- 78-	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA	2,814.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	388.000
	0102-909-	TEMPORARY RAISED RUMBLE STRIPS- PER DAY, INCLUDES ALL SETS AND RELOCATIONS	DA	180.000
	0104- 10- 3	SEDIMENT BARRIER	LF	12,036.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	6.000
	0107- 1-	LITTER REMOVAL	AC	905.780
	0107- 2-	MOWING	AC	808.580

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ALT	Item	Description	Unit	Quantity
	0110- 1- 1	CLEARING & GRUBBING (43754315201)	LS	1.000
	0120- 1-	REGULAR EXCAVATION	CY	2,751.700
	0120- 6-	EMBANKMENT	CY	1,078.100
	0160- 4-	TYPE B STABILIZATION	SY	4,048.000
	0285-714-	OPTIONAL BASE, BASE GROUP 14	SY	3,702.000
	0286- 1-	TURNOUT CONSTRUCTION/DRIVEWAY BASE- OPTIONAL MATERIALS	SY	1,708.000
	0327- 70- 1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	SY	1,857.000
	0327- 70- 4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	SY	194,294.000
	0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	74,711.000
	0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	19,301.900
	0337- 7- 82	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22	TN	102.100
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22	TN	22,645.800
	0425- 1-501	INLETS, DT BOT, TYPE A, <10'	EA	2.000
	0430-175-218	PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 18"S/CD	LF	513.000
	0430-984-625	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 18" SD	EA	4.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	61,372.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	30.663
	0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.028
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	167.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	228.000
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	1.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	20.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	8.434
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	415.000
	0710- 11-231	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 6"	GM	12.199
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID	LS	1.000
Section 0003 Signing				
	0546- 72- 2	GROUND-IN RUMBLE STRIPS, 8" CYLINDRICAL	GM	41.915
	0695- 7-600	TRAFFIC MONITORING SITE CABINET, REMOVE EXISTING CABINET	EA	1.000
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	6.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	1.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	13.000
	0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	1.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	13.000
	0705- 10- 3	OBJECT MARKER, TYPE 3	EA	2.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43754315201)	LS	1.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	167.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	228.000
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	1.000

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	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	20.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	415.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	28.706
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.028
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	6.484
	0711- 16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	12.199
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.069
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.069
	0713-107-	PREFORMED/PERMANENT TAPE, REMOVE	SF	365.000