STATE OF MISSOURI HIGHWAYS and TRANSPORTATION COMMISSION

JEFFERSON CITY, MISSOURI

CONSTRUCTING OR IMPROVING Contract I.D. 241213-G02

THIS JOB SHALL BE CONSTRUCTED UNDER FEDERAL PROJECT NUMBER(S): I 44-2(37), (335), (344), (350)

Job J8I3044C Route I-44 GREENE County Job J8I3225 Route I-44 GREENE County Job JST0088B Route I-44 GREENE County Job JSU0076 Route I-44 GREENE County Job JSU0114 Route I-44 GREENE County

BIDDER CHECKLIST FINAL CHECKLIST BEFORE SUBMITTING BID

- 1. Submit completed Contractor Questionnaire and/or Contractor Prequalification Questionnaire with attachments not later than seven (7) days prior to the date and hour of the bid opening. See Secs 101-103 of the Missouri Standard Specifications for Highway Construction, and Rule 7 CSR 10-15.010, "Prequalifications to Bid of Certain Contractors". Questionnaire and Contact information are provided on MoDOT's website.
- 2. All bids shall be submitted electronically using "Bid Express Secure Internet Bidding" at www.bidx.com. Any paper bid submitted will be considered irregular per section 102.8 of the Missouri Standard Specifications for Highway Construction.
- 3. Please read all items in the bidding document carefully. The EBSX files from Bidx website is used for the itemized bid.
- 4. If submitted in the name of a firm or corporation, the legal name of the firm or corporation should appear in the space designated, and be signed for by one or more persons legally qualified to execute papers in the name of said firm or corporation.
- 5. The bidder shall submit a Bid Guaranty meeting the requirements of Sec 102 of the Missouri Standard Specifications for Highway Construction. If submitting a project specific or annual bid bond, bidders must use the MoDOT provided bid bond forms. The project specific bond form is included in the request for bid. The project specific and annual bid bond forms are also available on MoDOT's website. Annual bid bonds shall be executed by June 15th of each year.
- 6. Submit the Subcontractor Disclosure Form in accordance with the bidding documents. For bids of more than \$2,000,000, each bidder shall submit with each bid a disclosure of the subcontracts that have a subcontract value that is equal or greater than twenty percent of the total project bid or subcontracts that are greater than or equal to \$2,000,000. If that information is not available at the time of bid the bidder shall submit the "Subcontractor Disclosure Form" pages with MoDOT on or before 4:00 p.m. of the third business day after the bid opening date.
- 7. Submit the DBE Identification Submittal in accordance with the bidding documents for Federal Projects Only.
- 8. Alternate Pavements; to exercise this option, separate pay items, descriptions and quantities are included in the itemized proposal for each of the two alternates. The bidder shall bid only one of the two alternates and leave the contract unit price column blank for any pay item listed for the other alternate.
- 9. When submitting a bid, your bid will still come through with "red" folders. You should make sure that it is not the Schedule of Items folder or the Signature and Identity of Bidder folder. Click on the yellow checkmark (Check

Bid) at the top and it will list any errors in the bid. To view itemized folders, click the Tree View. This will show the status of the individual folders.

Below is a list of common mistakes made by bidders leading to nonresponsive bids. Please refer to the Standard Specifications for the appropriate procedures for completing and submitting a bid.

- a) Submitting a paper bid for a project
- b) Using a different bid bond form than the one provided
- c) Improper use of the Maximum Monetary Value Award Provision -only used if bidding more than one project and should be in only one bid proposal

All questions concerning the bid document preparation shall be directed to the Central Office - Design Division at (573) 751-2876. Project specific questions shall be directed to the project contact listed in the Job Special Provisions.

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^{*}These forms are also available on MoDOT's Website, www.modot.org under Information on the Bid Opening Info page of the Contractor Resources site.

NOTICE TO CONTRACTORS

Electronic bids submitted through the Bid Express website for the proposed work will be received by the Missouri Highways and Transportation Commission until 11:00 o'clock a.m. (prevailing local time) on 12/13/2024.

Bid bonds will be received at the office of the Secretary to the Commission in the Missouri Department of Transportation Central Office Building, 105 West Capitol Avenue, Jefferson City, Missouri; delivered by US Mail should be mailed to: Missouri Highways and Transportation Commission, Attention: State Design Engineer/Bid Bond, P.O. Box 270, Jefferson City, MO 65102 or delivered by parcel delivery services, (such as UPS, Fed Ex, DHL, etc.) should be shipped to Missouri Highways and Transportation Commission, Attention: State Design Engineer/Bid Bond, 105 West Capitol Avenue, Jefferson City, MO 65102.

(1) PROPOSED WORK: The proposed work, hereinafter called the work, includes:

****(1): Job J8I3044C Route I-44 GREENE County. Grading, drainage, and pavement from Route H to Route 65 in Springfield, the total length of improvement being 2.03 miles.****(2): Job J8I3225 Route I-44 GREENE County. Resurface from 0.6 miles west of Route 266 (Chestnut Expwy) to Route 160 in Springfield, the total length of improvement being 3.637 miles.****(3): Job JST0088B Route I-44 GREENE County. Pavement improvements from Route 13 to Route 65 in Springfield, the total length of improvement being 4.705 miles.****(4): Job JSU0076 Route I-44 GREENE County. Grading, drainage, bridge, and pavement from Route 13 to Route H in Springfield, the total length of improvement being 2.675 miles.****(5): Job JSU0114 Route I-44 GREENE County. Sound abatement on the eastbound lanes from Summitt Avenue to National Avenue in Springfield, the total length of improvement being 0.469 miles.

If more than one Job Number is listed for this call, then combination bids will be required on the Jobs listed above.

- (2) COMPLIANCE WITH CONTRACT PROVISIONS: The bidder, having examined and being familiar with the local conditions affecting the work, and with the contract, contract documents, including the current version of Missouri Highways and Transportation Commission's "Missouri Standard Specifications for Highway Construction" and "Missouri Standard Plans for Highway Construction", their revisions, and the request for bid, including appendices, the special provisions and plans, hereby proposes to furnish all labor, materials, equipment, services, etc., required for the performance and completion of the work. All references are to the Missouri Standard Specifications for Highway Construction, as revised, unless otherwise noted. All questions concerning the bid document preparation shall be directed to the Central Office Design Division at (573) 751-2876.
- (3) PERIOD OF PERFORMANCE: If the bid is accepted, the bidder shall continuously and diligently prosecute the work in such order and manner as will ensure the completion of the work within the time specified in the Job

Special Provisions in accordance with Sec 108.

- (4) LIQUIDATED DAMAGES: The bidder agrees that, should the bidder fail to complete the work in the time specified or such additional time as may be allowed by the engineer under the contract, the amount of liquidated damages as specified in the Job Special Provisions to be recovered in accordance with Sec 108.
- (5) ITEMIZED BID: The bidder should complete the following section in accordance with Sec 102.7. The bidder proposes to furnish all labor, materials, equipment, services, etc. required for the performance and completion of the work, as follows:

Line Number	Item Number	Quantity	Unit	Unit Price	Extension Price
Section 0001 Roadway Items	- J8I3044C				
0010	2010000 MOWING	22.800			
0020	REMOVAL OF IMP	1.000 ROVEMENTS	LS		
0030	2035000 UNCLASSIFIED E	76196.000	CUYD		
0040	2036000 COMPACTING EMB.				
0050	COMPACTING IN	107.200			
0060	2063000 CLASS 3 EXCAVA	1468.000 TION			
0070	2063100 CLASS 3 EXCAVA	163.000			
0080	2063300 CLASS 4 EXCAVA	616.000 TION	CUYD		
0090	2063400 CLASS 4 EXCAVA	21.000 TION IN ROCK	CUYD		
0100	2063500 CULVERT CLEANO	5.000 UT			
0110	2071000 LINEAR GRADING	30.000 CLASS 1			
0120	3040506 TYPE 5 AGGREGA	19756.000 TE FOR BASE (SQYD 6 IN. THICK)		
0130	MISC. OPTIONAL	80000.000 BASE	SQYD		
0140	4030103 ASPHALTIC CONC	4444.000 RETE MIXTURE	PG 70-22 (SP125C MIX)		
	4030306 ASPHALTIC CONC	7780.000			
0160	6044011 PIPE COLLAR, T	2.000 YPE A	EA		
0170	6091060 PAVED DITCH	83.100	SQYD		
0180	6096030A FURNISHING TYP	143.000			
0190	6096043 PLACING TYPE 3	143.000	CUYD INER		
0200	6096050 BEDDING MATERI	52.000	ITCH LINER		
0210	6097000 ROCK LINING	10.000	CUYD		
0220	6122014 IMPACT ATTENUA		AND BARREL ARRAY)		
0230	6122020 REPLACEMENT SA	5.000 ND BARREL	EA		
0240	6122030	4.000			

	IMPACT ATTENUATOR (RELOCATION)
0250	6123001 1.000 LS
0230	TRUCK MOUNTED ATTENUATOR (TMA)
0260	6141024 1.000 EA
	GRATE AND BEARING PLATE (5 FT. X 3 FT. OR 1524 MM X 914 MM)
0270	6141121 32.000 EA
0270	CURVED VANE GRATE AND FRAME (4 FT. X 2 FT. OR 1200MM X 600MM)
0280	6143011 10.000 EA
0280	MANHOLE FRAME AND COVER, TYPE 1-B
0290	6143013 1.000 EA
0290	MANHOLE FRAME AND COVER, TYPE 3
0300	6161005 1763.000 SQFT
0300	CONSTRUCTION SIGNS
0310	
0310	ADVANCED WARNING RAIL SYSTEM
0320	6161025 250.000 EA
0320	CHANNELIZER (TRIM LINE)
0330	6161030 8.000 EA
0330	TYPE III MOVEABLE BARRICADE
0.340	6161033 28.000 EA
0340	DIRECTIONAL INDICATOR BARRICADE
0350	6161040 2.000 EA
0330	FLASHING ARROW PANEL
0360	6161099 4.000 EA
0300	CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED,
	CONTRACTOR RETAINED
0370	6162002 4.000 EA
	TEMPORARY LONG-TERM RUMBLE STRIPS
0380	6169901 1.000 LS
	MISC. WORK ZONE INTELLIGENT TRANSPORTATION SYSTEM
0390	6173000 10652.000 LF
	CONCRETE TRAFFIC BARRIER, TYPE C
	6173600D 37540.000 LF
	TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED / RETAINED
0410	6173700B 19807.000 LF
	TEMPORARY TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED / RETAINED
0420	6181000 1.000 LS
	MOBILIZATION
	6181020 1.000 EA \$600.00000 \$600.00
	ADDITIONAL MOBILIZATION FOR SEEDING
0440	6191000 23917.000 LF
	PAVEMENT EDGE TREATMENT
0450	6205902A 32178.000 LF
	6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS
0460	6205903A 21429.000 LF
	6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS
0470	6205906A 2107.000 LF
	12 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS
0480	6207001 5070.000 LF
	PAVEMENT MARKING REMOVAL
0490	6208076 169422.000 LF
	4 IN TEMPORARY PAVEMENT MARKING PAINT

	Missouri Department of Transportation Contract ID: 241213-G02
0.5.0.0	600,4000
0500	6274000 1.000 LS
	CONTRACTOR FURNISHED SURVEYING AND STAKING
0510	7034041 141.300 CUYD
	CLASS B-1 CONCRETE (CULVERTS)
0520	7061030 24330.000 LB
	REINFORCING STEEL (CULVERTS)
0530	7261012 950.000 LF
	12 TN DIDE CROUD A
0540	7261015 3388.000 LF
	15 IN. PIPE GROUP A
0550	7261018 1036.000 LF
	18 IN. PIPE GROUP A
	7261024 413.000 LF
	24 IN. PIPE GROUP A
0570	7261030 27.000 LF
	30 IN. PIPE GROUP A
0580	7269903 140.000 LF
	MISC. 12'X3' BOX CULVERT (UNDERGROUND DETENTION)
0590	7310048 55.000 FT
0390	PRECAST CONCRETE MANHOLE - 48 IN.
0600	7311042 110.000 FT
	PRECAST CONCRETE DROP INLET 4 FT X 2 FT
0610	7311053 3.000 FT
	PRECAST CONCRETE DROP INLET 5 FT X 3 FT
0620	7319913 7.000 FT
	MISC. SPECIAL INLET #1
0630	
	15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION
0640	7320618A 3.000 EA
	18 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION
0650	7320630A 2.000 EA
0030	30 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION
0660	8025006 14.600 ACRE
	MULCHING
0670	8052000A 14.600 ACRE
	SEEDING - WARM SEASON GRASSES
0680	8061003 9.900 CUYD
3000	SEDIMENT TRAP EXCAVATION
0690	8061004 9.900 CUYD
	SEDIMENT TRAP ROCK
	8061005 1685.000 LF
	ROCK DITCH CHECK
0710	8061006 3650.000 LF
J / ± U	ALTERNATE DITCH CHECK
0720	8061007A 40.000 EA
	CURB INLET CHECK
0730	8061016 361.000 CUYD
	SEDIMENT REMOVAL
0740	8061017 14.600 ACRE
J / 10	TEMPORARY SEEDING
0.750	
0750	8061019 6715.000 LF

SILT FENCE

0760 8064140 16589.000 SQYD

TYPE 3B EROSION CONTROL BLANKET

Section 0001 Total \$600.00

Section 0002 AA1

Alt Pvmt A - Mainline I-44 - Asphalt - J8I3044C

0770 4030441 48981.800 SQYD

15 INCHES, ASPHALTIC CONCRETE PAVEMENT SP125BLP OR SP125BSM

0780 6261000A 428.800 STA

BITUMINOUS SHOULDER RUMBLE STRIP

Section 0002 Total

Section 0003 AA2

Alt Pvmt B - Mainline I-44 - Concrete - J8I3044C

0790 5021335 46260.600 SQYD

CONCRETE PAVEMENT (11 1/2 IN. NON-REINFORCED, 15 FT. JOINTS)

0800 6262000A 428.800 STA

PORTLAND CEMENT CONCRETE SHOULDER RUMBLE STRIP

Section 0003 Total

Section 0004 BB1

Alt Pvmt C - Mainline I-44 - Type A2 Shoulders - Asphalt - J 8I3044C

0810 4010150 27373.600 SQYD

TYPE A2 SHOULDER

Section 0004 Total

Section 0005 B

Alt Pvmt D - Mainline I-44 - Type A2 Shoulders - Concrete - J8I3044C

0820 5021340 27373.600 SQYD

TYPE A2 SHOULDER

Section 0005 Total

Section 0006

Guardrail/Guard Cable Items - J8I3044C

0830 6061060 325.000 LF

MGS GUARDRAIL

0840 6061080 3.000 EA

MGS END ANCHOR

0850 6063014 5.000 EA

TYPE A CRASHWORTHY END TERMINAL (MASH)

0860 6063019 1.000 EA

TYPE E CRASHWORTHY END TERMINAL

Section 0006 Total

Section 0007	
Lighting I	tems - J8I3044C
0870	9011010 6.000 EA RELOCATED POLE
0880	9013002 440.000 LF
	CONDUIT, 2 IN. RIGID, IN TRENCH
0890	9014003 110.000 LF
	CONDUIT, 3 IN. RIGID, PUSHED
0900	9015010 2450.000 LF
	TRENCHING TYPE I
0910	9016120 6.000 EA
0310	PULL BOX, CONCRETE, STANDARD
0920	9017002 880.000 LF
0,220	CABLE, 2 AWG 1 CONDUCTOR
0930	9017206 440.000 LF
0330	WIRE, 6 AWG, BARE NEUTRAL
0940	9017407 2110.000 LF
0310	CABLE-CONDUIT, 1 IN., 2 CONDUCTORS AND 1 BARE NEUTRAL, 8 AWG
0950	9018245 6.000 EA
0300	POLE FOUNDATION (45 FT. OR 13.5 M MOUNTING HEIGHT)
0960	9019902 2.000 EA
0,500	MISC. INSTALL CONDUIT INTO EXISTING PULL BOX
Section 0007	TOTAL
Section 0008	
Section 0008	ems - J8I3044C
Section 0008 Signing It	ems - J8I3044C 9031005
Section 0008 Signing It	ems - J8I3044C 9031005
Section 0008 Signing It	ems - J8I3044C 9031005 2.000 EA SQUARE STEEL SIGN POST (4IN.) BASE 9031010 4.000 CUYD CONCRETE FOOTINGS, EMBEDDED
Section 0008 Signing It 0970 0980	ems - J8I3044C 9031005
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Section 0008 Signing It 0970 0980 0990 1000 1010 1020 1030 1040 1050	ems - J813044C 9031005
Section 0008 Signing It 0970 0980 0990 1000 1010 1020 1030 1040 1050	ems - J813044C 9031005

	Missouri Department of Transportation	Contract ID: 241213-G02
1080	9039901 1.000 LS	
	MISC. SIGN NO. 46, OVERHEAD BOX TRUSS, 90 FT 10 IN.	
1090	9039901 1.000 LS	
	MISC. SIGN NO. 59, OVERHEAD BOX TRUSS, 78 FT 10 IN.	
1100	9039901 1.000 LS	
	MISC. SIGN NO. 62, OVERHEAD BOX TRUSS, 89 FT 5 IN.	
1110	9039901 1.000 LS	
	MISC. SIGN NO. 65, OVERHEAD BOX TRUSS, 78 FT 10 IN.	
1120	9039901 1.000 LS	
	MISC. SIGN NO. 77, OVERHEAD BOX TRUSS, 78 FT 10 IN.	
1130	9039902 1.000 EA	
	MISC. SIGN RELOCATION	
Section 0008		
	10001	
Section 0009		
Roadway It	tems - J8I3225	
Roadway It		
1140	2022010 1.000 LS REMOVAL OF IMPROVEMENTS	
1140	2022010 1.000 LS	
1140	2022010 1.000 LS REMOVAL OF IMPROVEMENTS 2153000 45.000 100F SHAPING SLOPES, CLASS III	
1140	2022010 1.000 LS REMOVAL OF IMPROVEMENTS 2153000 45.000 100F	
1140	2022010 1.000 LS REMOVAL OF IMPROVEMENTS 2153000 45.000 100F SHAPING SLOPES, CLASS III 4030009 13396.000 TONS ASPHALTIC CONCRETE MIXTURE PG 76-22 (SP095BSM MIX)	
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1140 1150 1160 1170 1180 1190	2022010 1.000 LS REMOVAL OF IMPROVEMENTS 2153000 45.000 100F SHAPING SLOPES, CLASS III 4030009 13396.000 TONS ASPHALTIC CONCRETE MIXTURE PG 76-22 (SP095BSM MIX) 4071005 13844.000 GAL TACK COAT 4134000 3615.000 GAL BITUMINOUS FOG SEAL 6123001 1.000 LS TRUCK MOUNTED ATTENUATOR (TMA) 6161005 1137.000 SQFT CONSTRUCTION SIGNS	
1140 1150 1160 1170 1180 1190	2022010 1.000 LS REMOVAL OF IMPROVEMENTS 2153000 45.000 100F SHAPING SLOPES, CLASS III 4030009 13396.000 TONS ASPHALTIC CONCRETE MIXTURE PG 76-22 (SP095BSM MIX) 4071005 13844.000 GAL TACK COAT 4134000 3615.000 GAL BITUMINOUS FOG SEAL 6123001 1.000 LS TRUCK MOUNTED ATTENUATOR (TMA) 6161005 1137.000 SQFT CONSTRUCTION SIGNS 6161008 8.000 EA	

1180	4134000 3615.000 GAL
	BITUMINOUS FOG SEAL
1190	6123001 1.000 LS
	TRUCK MOUNTED ATTENUATOR (TMA)
	6161005 1137.000 SQFT
	CONSTRUCTION SIGNS
	6161008 8.000 EA
	ADVANCED WARNING RAIL SYSTEM
1220	6161025 450.000 EA
	CHANNELIZER (TRIM LINE)
1230	6161033 28.000 EA
	DIRECTIONAL INDICATOR BARRICADE
1240	
	FLASHING ARROW PANEL
1250	
	SEQUENTIAL FLASHING WARNING LIGHT
1260	6161098A 2.000 EA
	CHANGEABLE MESSAGE SIGN WITHOUT COMMUNICATION INTERFACE, CONTRACTOR FURNISHED,
	CONTRACTOR RETAINED
1270	6181000 1.000 LS
	MOBILIZATION
1280	6200021 2.000 EA
	PREFORMED THERMOPLASTIC PAVEMENT MARKING, LEFT/RIGHT ARROW
1290	6205902A 52025.000 LF
	6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS
1300	6205903A 41758.000 LF

Missouri Department of Transportation Contract ID: 241213-G02 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS 1310 3005.000 LF 12 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS 1320 6221001 138439.000 SQYD COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS) 1330 6261000A 673.200 STA BITUMINOUS SHOULDER RUMBLE STRIP 1340 6274000 1.000 LS CONTRACTOR FURNISHED SURVEYING AND STAKING Section 0009 Total Section 0010 Guardrail/Guard Cable Items - J8I3225 6061060 4100.000 LF MGS GUARDRAIL 1360 6061061 8363.000 LF MGS GUARDRAIL, 8 FT. POSTS, 6 FT. - 3 IN. SPACING 1370 6061069 10.000 EA MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR/NO CURB) 6061080 13.000 EA MGS END ANCHOR ______ 6063014 1.000 EA TYPE A CRASHWORTHY END TERMINAL (MASH) Section 0010 Total Section 0011 Bridge A07123 Items - J8I3225 1400 2161502 5931.000 SQFT REMOVAL OF CONCRETE WEARING SURFACE 1410 4031050 659.000 SQYD OPTIONAL ASPHALTIC CONCRETE WEARING SURFACE (BRIDGES) Section 0011 Total Section 0012 Bridge A07124 Items - J8I3225 2161502 5931.000 SQFT REMOVAL OF CONCRETE WEARING SURFACE 1430 4031050 659.000 SQYD OPTIONAL ASPHALTIC CONCRETE WEARING SURFACE (BRIDGES) Section 0012 Total Section 0013 Bridge A07144 Items - J8I3225 1440 2161502 13047.000 SQFT

REMOVAL OF CONCRETE WEARING SURFACE

1450

4031050

1450.000 SQYD

OPTIONAL ASPHALTIC CONCRETE WEARING SURFACE (BRIDGES)
Section 0013 Total

Section 0014

Bridge A07154 Items - J8I3225

1460 2161502 14243.000 SQFT

REMOVAL OF CONCRETE WEARING SURFACE

1470 4031050 1583.000 SQYD

OPTIONAL ASPHALTIC CONCRETE WEARING SURFACE (BRIDGES)

Section 0014 Total

Section 0015

Roadway Items - JST0088B

1480 2022010 1.000 LS

REMOVAL OF IMPROVEMENTS

1490 3049905 126230.000 SQYD

MISC. OPTIONAL BASE

Section 0015 Total

Section 0016 AA1

Alt Pvmt A - Mainline I-44 - Asphalt - JST0088B

1500 4030441 126229.600 SQYD

15 INCHES, ASPHALTIC CONCRETE PAVEMENT SP125BLP OR SP125BSM

Section 0016 Total

Section 0017 AA2

Alt Pvmt B - Mainline I-44 - Concrete - JST0088B

1510 5021335 126229.600 SQYD CONCRETE PAVEMENT (11 1/2 IN. NON-REINFORCED, 15 FT. JOINTS)

Section 0017 Total

Section 0018

Roadway Items - JSU0076

1520 2010000 60.000 ACRE

MOWING

1530 2013000 2.000 ACRE

CLEARING AND GRUBBING

1540 2022010 1.000 LS

REMOVAL OF IMPROVEMENTS

1550 2035000 112593.000 CUYD

UNCLASSIFIED EXCAVATION

1560 2036000 49540.000 CUYD

COMPACTING EMBANKMENT

1570 2037075 130.000 STA

COMPACTING IN CUT

	Missouri Department of Transportation	Contract ID: 241213-G02
1500	2063000 6770.000 CUYD	
1500	CLASS 3 EXCAVATION	
1590	2063100 752.000 CUYD	
1330	CLASS 3 EXCAVATION IN ROCK	
1600	2063300 592.000 CUYD	
1610	CLASS 4 EXCAVATION 6.000 CUYD	
1010	CLASS 4 EXCAVATION IN ROCK	
1620	2063500 5.000 EA	
1630	2065500 1.000 LS	
	TEMPORARY SHORING	
1640	2071000 26.000 STA	
	LINEAR GRADING CLASS 1	
1650	2142000 5594.000 CUYD	
	FURNISHING ROCK FILL	
1660	2143000 5594.000 CUYD	
	PLACING ROCK FILL	
1670	3040504 2341.000 SQYD	
	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	
1680	3040506 23773.000 SQYD	
	TYPE 5 AGGREGATE FOR BASE (6 IN. THICK)	
1690	3049905 128191.000 SQYD	
	MISC. OPTIONAL BASE	
1700		
	ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP125C MIX)	
1710	4030306 8853.000 TONS	
	ASPHALTIC CONCRETE MIXTURE PG 64-22 (SP250C MIX)	
1720		
	CONCRETE APPROACH PAVEMENT	
1730	6044011 7.000 EA	
	PIPE COLLAR, TYPE A	
1740	6086004 693.500 SQYD	
	CONCRETE SIDEWALK, 4 IN.	
1750	6091042 1671.000 LF	
	CONCRETE GUTTER TYPE B	
1760	6091060 188.700 SQYD	
	PAVED DITCH	
1770	6096030A 166.000 CUYD	
1780	6096043 166.000 CUYD	
	PLACING TYPE 3 ROCK DITCH LINER	
1790	6096050 61.000 CUYD	
1800	6097000 799.000 CUYD	
1010		
1810	6122014 4.000 EA	
1820	6122020 3.000 EA	

REPLACEMENT SAND BARREL

6122030

1830

3.000 EA

	IMPACT ATTENUATOR (RELOCATION)
1840	6122040 3.000 EA
1040	WORK ZONE CRASH CUSHION (NARROW)
1850	6123001 1.000 LS
1030	TRUCK MOUNTED ATTENUATOR (TMA)
1860	6141022 2.000 EA
1000	GRATE AND BEARING PLATE (3 FT. X 3 FT. OR 914 MM X 914 MM)
1870	
1870	6141024 3.000 EA GRATE AND BEARING PLATE (5 FT. X 3 FT. OR 1524 MM X 914 MM)
1000	
1880	6141121 64.000 EA CURVED VANE GRATE AND FRAME (4 FT. X 2 FT. OR 1200MM X 600MM)
1890	6143011 17.000 EA
1900	6143013 4.000 EA
	MANHOLE FRAME AND COVER, TYPE 3
1910	6161005 2632.000 SQFT
	CONSTRUCTION SIGNS
1920	6161008 4.000 EA
	ADVANCED WARNING RAIL SYSTEM
1930	6161025 314.000 EA
	CHANNELIZER (TRIM LINE)
1940	6161030 47.000 EA
	TYPE III MOVEABLE BARRICADE
1950	6161033 28.000 EA
	DIRECTIONAL INDICATOR BARRICADE
1960	6161040 2.000 EA
	FLASHING ARROW PANEL
 1970	
	6161099 8.000 EA CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED
	6161099 8.000 EA CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED,
1970	6161099 8.000 EA CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED 6162002 4.000 EA TEMPORARY LONG-TERM RUMBLE STRIPS
1970	6161099 8.000 EA CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED 4.000 EA
1970 1980 1990	6161099 8.000 EA CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED 6162002 4.000 EA TEMPORARY LONG-TERM RUMBLE STRIPS 6169901 1.000 LS MISC. WORK ZONE INTELLIGENT TRANSPORTATION SYSTEM
1970	6161099 8.000 EA CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED 6162002 4.000 EA TEMPORARY LONG-TERM RUMBLE STRIPS 6169901 1.000 LS MISC. WORK ZONE INTELLIGENT TRANSPORTATION SYSTEM
1970 	6161099 8.000 EA CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED 6162002 4.000 EA TEMPORARY LONG-TERM RUMBLE STRIPS 6169901 1.000 LS MISC. WORK ZONE INTELLIGENT TRANSPORTATION SYSTEM 6173000 13686.000 LF CONCRETE TRAFFIC BARRIER, TYPE C
1970 	6161099 8.000 EA CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED 6162002 4.000 EA TEMPORARY LONG-TERM RUMBLE STRIPS 6169901 1.000 LS MISC. WORK ZONE INTELLIGENT TRANSPORTATION SYSTEM 6173000 13686.000 LF
1970 1980 1990 2000	6161099 8.000 EA CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED 6162002 4.000 EA TEMPORARY LONG-TERM RUMBLE STRIPS 6169901 1.000 LS MISC. WORK ZONE INTELLIGENT TRANSPORTATION SYSTEM 6173000 13686.000 LF CONCRETE TRAFFIC BARRIER, TYPE C 6173600D 14689.000 LF TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED / RETAINED
1970 1980 1990 2000	CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED 6162002 4.000 EA TEMPORARY LONG-TERM RUMBLE STRIPS 6169901 1.000 LS MISC. WORK ZONE INTELLIGENT TRANSPORTATION SYSTEM 6173000 13686.000 LF CONCRETE TRAFFIC BARRIER, TYPE C 6173600D 14689.000 LF TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED / RETAINED
1970 1980 1990 2000 2010	6161099 8.000 EA CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED 6162002 4.000 EA TEMPORARY LONG-TERM RUMBLE STRIPS 6169901 1.000 LS MISC. WORK ZONE INTELLIGENT TRANSPORTATION SYSTEM 6173000 13686.000 LF CONCRETE TRAFFIC BARRIER, TYPE C 6173600D 14689.000 LF TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED / RETAINED 6173700B 48491.000 LF TEMPORARY TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED / RETAINED
1970 1980 1990 2000 2010	CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED 6162002
1970 1980 1990 2000 2010	CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED 6162002 4.000 EA
1970 1980 1990 2000 2010 2020	CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED 6162002
1970 1980 1990 2000 2010 2020	6161099 8.000 EA CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED 6162002 4.000 EA TEMPORARY LONG-TERM RUMBLE STRIPS 6169901 1.000 LS MISC. WORK ZONE INTELLIGENT TRANSPORTATION SYSTEM 6173000 13686.000 LF CONCRETE TRAFFIC BARRIER, TYPE C 6173600D 14689.000 LF TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED / RETAINED 6173700B 48491.000 LF TEMPORARY TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED / RETAINED 6179903 144.000 LF MISC. TYPE C BARRIER TRANSITION 6181000 1.000 LS
1970 1980 1990 2000 2010 2020 2030	CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED 6162002
1970 1980 1990 2000 2010 2020 2030	CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED 6162002 4.000 EA TEMPORARY LONG-TERM RUMBLE STRIPS 6169901 1.000 LS MISC. WORK ZONE INTELLIGENT TRANSPORTATION SYSTEM 6173000 13686.000 LF CONCRETE TRAFFIC BARRIER, TYPE C 6173600D 14689.000 LF TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED / RETAINED 6173700B 48491.000 LF TEMPORARY TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED / RETAINED 6179903 144.000 LF MISC. TYPE C BARRIER TRANSITION 6181000 1.000 LS MOBILIZATION 6181020 1.000 EA \$600.00000 \$600.00
1970 1980 1990 2000 2010 2020 2030 2040	CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED 6162002 4.000 EA TEMPORARY LONG-TERM RUMBLE STRIPS 6169901 1.000 LS MISC. WORK ZONE INTELLIGENT TRANSPORTATION SYSTEM 6173000 13686.000 LF CONCRETE TRAFFIC BARRIER, TYPE C 6173600D 14689.000 LF TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED / RETAINED 6173700B 48491.000 LF TEMPORARY TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED / RETAINED 6179903 144.000 LF MISC. TYPE C BARRIER TRANSITION 6181000 1.000 LS MOBILIZATION 6181020 1.000 EA \$600.00000 \$600.00 ADDITIONAL MOBILIZATION FOR SEEDING
1970 1980 1990 2000 2010 2020 2030 2040	CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED 6162002
1970 1980 1990 2000 2010 2020 2030 2040 2050	CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED 6162002 4.000 EA TEMPORARY LONG-TERM RUMBLE STRIPS 6169901 1.000 LS MISC. WORK ZONE INTELLIGENT TRANSPORTATION SYSTEM 6173000 13686.000 LF CONCRETE TRAFFIC BARRIER, TYPE C 6173600D 14689.000 LF TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED / RETAINED 6173700B 48491.000 LF TEMPORARY TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED / RETAINED 6179903 144.000 LF MISC. TYPE C BARRIER TRANSITION 6181000 1.000 LS MOBILIZATION 6181020 1.000 EA \$600.0000 \$600.00 ADDITIONAL MOBILIZATION FOR SEEDING 6191000 30273.000 LF PAVEMENT EDGE TREATMENT
1970 1980 1990 2000 2010 2020 2030 2040 2050	CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED
1970 1980 1990 2000 2010 2020 2030 2040 2050 2070	CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED 6162002
1970 1980 1990 2000 2010 2020 2030 2040 2050 2070	CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED 4.000 EA TEMPORARY LONG-TERM RUMBLE STRIPS 6169901 1.000 LS MISC. WORK ZONE INTELLIGENT TRANSPORTATION SYSTEM 6173000 13686.000 LF CONCRETE TRAFFIC BARRIER, TYPE C 6173600D 14689.000 LF TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED / RETAINED 6173700B 48491.000 LF TEMPORARY TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED / RETAINED 6179903 144.000 LF MISC. TYPE C BARRIER TRANSITION 6181000 1.000 LS MOBILIZATION 6181020 1.000 EA \$600.00000 \$600.00 ADDITIONAL MOBILIZATION FOR SEEDING 6191000 30273.000 LF PAVEMENT EDGE TREATMENT 6205902A 42703.000 LF 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS

2090	6205906A 2207.000 LF
	12 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS
2100	6207001 209586.000 LF
2100	PAVEMENT MARKING REMOVAL
0110	
2110	6208076 246034.000 LF
	4 IN TEMPORARY PAVEMENT MARKING PAINT
2120	6274000 1.000 LS
	CONTRACTOR FURNISHED SURVEYING AND STAKING
2130	7034041 44.400 CUYD
2100	CLASS B-1 CONCRETE (CULVERTS)
2140	7061030 6950.000 LB
	REINFORCING STEEL (CULVERTS)
2150	7261012 50.000 LF
	12 IN. PIPE GROUP A
2160	7261015 5586.000 LF
2100	15 IN. PIPE GROUP A
2170	7261018 2388.000 LF
	18 IN. PIPE GROUP A
2180	7261024 3506.000 LF
	24 IN. PIPE GROUP A
2190	7261030 769.000 LF
	30 IN. PIPE GROUP A
2200	
2200	7261042 240.000 LF
	42 IN. PIPE GROUP A
2210	7261048 54.000 LF
	48 IN. PIPE GROUP A
2220	48 IN. PIPE GROUP A 7269903 100.000 LF
	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION)
	7269903 100.000 LF
	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' x 4' BOX CULVERT (UNDERGROUND DETENTION
2230	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' x 4' BOX CULVERT (UNDERGROUND DETENTION
2230	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' x 4' BOX CULVERT (UNDERGROUND DETENTION 7310048 108.000 FT
2230	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN.
2230	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN.
2230 2240 2250	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN. 7310072 14.000 FT PRECAST CONCRETE MANHOLE - 72 IN.
2230 2240 2250	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION) 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN. 7310072 14.000 FT
2230 2240 2250	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION) 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN. 7310072 14.000 FT PRECAST CONCRETE MANHOLE - 72 IN. 7311033 8.000 FT PRECAST CONCRETE DROP INLET 3 FT X 3 FT
2230 2240 2250 2260	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION) 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN. 7310072 14.000 FT PRECAST CONCRETE MANHOLE - 72 IN. 7311033 8.000 FT PRECAST CONCRETE DROP INLET 3 FT X 3 FT
2230 2240 2250 2260	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION) 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN. 7310072 14.000 FT PRECAST CONCRETE MANHOLE - 72 IN. 7311033 8.000 FT PRECAST CONCRETE DROP INLET 3 FT X 3 FT 7311042 230.000 FT
2230 2240 2250 2260	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION) 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN. 7310072 14.000 FT PRECAST CONCRETE MANHOLE - 72 IN. 7311033 8.000 FT PRECAST CONCRETE DROP INLET 3 FT X 3 FT 7311042 230.000 FT PRECAST CONCRETE DROP INLET 4 FT X 2 FT
2230 2240 2250 2260	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION) 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN. 7310072 14.000 FT PRECAST CONCRETE MANHOLE - 72 IN. 7311033 8.000 FT PRECAST CONCRETE DROP INLET 3 FT X 3 FT 7311042 230.000 FT PRECAST CONCRETE DROP INLET 4 FT X 2 FT 7311053 16.000 FT
2230 2240 2250 2260 2270	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION) 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN. 7310072 14.000 FT PRECAST CONCRETE MANHOLE - 72 IN. 7311033 8.000 FT PRECAST CONCRETE DROP INLET 3 FT X 3 FT 7311042 230.000 FT PRECAST CONCRETE DROP INLET 4 FT X 2 FT 7311053 16.000 FT PRECAST CONCRETE DROP INLET 5 FT X 3 FT
2230 2240 2250 2260	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION) 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN. 7310072 14.000 FT PRECAST CONCRETE MANHOLE - 72 IN. 7311033 8.000 FT PRECAST CONCRETE DROP INLET 3 FT X 3 FT 7311042 230.000 FT PRECAST CONCRETE DROP INLET 4 FT X 2 FT 7311053 16.000 FT PRECAST CONCRETE DROP INLET 5 FT X 3 FT
2230 2240 2250 2260 2270 2280	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION) 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN. 7310072 14.000 FT PRECAST CONCRETE MANHOLE - 72 IN. 7311033 8.000 FT PRECAST CONCRETE DROP INLET 3 FT X 3 FT 7311042 230.000 FT PRECAST CONCRETE DROP INLET 4 FT X 2 FT 7311053 16.000 FT PRECAST CONCRETE DROP INLET 5 FT X 3 FT 7319913 14.000 FT MISC. SPECIAL INLET NO. 1
2230 2240 2250 2260 2270 2280	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION) 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN. 7310072 14.000 FT PRECAST CONCRETE MANHOLE - 72 IN. 7311033 8.000 FT PRECAST CONCRETE DROP INLET 3 FT X 3 FT 7311042 230.000 FT PRECAST CONCRETE DROP INLET 4 FT X 2 FT 7311053 16.000 FT PRECAST CONCRETE DROP INLET 5 FT X 3 FT 7319913 14.000 FT MISC. SPECIAL INLET NO. 1
2230 2240 2250 2260 2270 2280	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION) 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN. 7310072 14.000 FT PRECAST CONCRETE MANHOLE - 72 IN. 7311033 8.000 FT PRECAST CONCRETE DROP INLET 3 FT X 3 FT 7311042 230.000 FT PRECAST CONCRETE DROP INLET 4 FT X 2 FT 7311053 16.000 FT PRECAST CONCRETE DROP INLET 5 FT X 3 FT 7319913 14.000 FT MISC. SPECIAL INLET NO. 1 7319913 7.000 FT
2230 2240 2250 2260 2270 2280 2290	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION) 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN. 7310072 14.000 FT PRECAST CONCRETE MANHOLE - 72 IN. 7311033 8.000 FT PRECAST CONCRETE DROP INLET 3 FT X 3 FT 7311042 230.000 FT PRECAST CONCRETE DROP INLET 4 FT X 2 FT 7311053 16.000 FT PRECAST CONCRETE DROP INLET 5 FT X 3 FT 7319913 14.000 FT MISC. SPECIAL INLET NO. 1 7319913 7.000 FT MISC. SPECIAL INLET NO. 2
2230 2240 2250 2260 2270 2280 2300	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION) 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN. 7310072 14.000 FT PRECAST CONCRETE MANHOLE - 72 IN. 7311033 8.000 FT PRECAST CONCRETE DROP INLET 3 FT X 3 FT 7311042 230.000 FT PRECAST CONCRETE DROP INLET 4 FT X 2 FT 7311053 16.000 FT PRECAST CONCRETE DROP INLET 5 FT X 3 FT 7319913 14.000 FT MISC. SPECIAL INLET NO. 1 7319913 7.000 FT MISC. SPECIAL INLET NO. 2
2230 2240 2250 2260 2270 2280 2300	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION) 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN. 7310072 14.000 FT PRECAST CONCRETE MANHOLE - 72 IN. 7311033 8.000 FT PRECAST CONCRETE DROP INLET 3 FT X 3 FT 7311042 230.000 FT PRECAST CONCRETE DROP INLET 4 FT X 2 FT 7311053 16.000 FT PRECAST CONCRETE DROP INLET 5 FT X 3 FT 7319913 14.000 FT MISC. SPECIAL INLET NO. 1 7319913 7.000 FT MISC. SPECIAL INLET NO. 2
2230 2240 2250 2260 2270 2280 2300	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION) 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN. 7310072 14.000 FT PRECAST CONCRETE MANHOLE - 72 IN. 7311033 8.000 FT PRECAST CONCRETE DROP INLET 3 FT X 3 FT 7311042 230.000 FT PRECAST CONCRETE DROP INLET 4 FT X 2 FT 7311053 16.000 FT PRECAST CONCRETE DROP INLET 5 FT X 3 FT 7319913 14.000 FT MISC. SPECIAL INLET NO. 1 7319913 7.000 FT MISC. SPECIAL INLET NO. 2 7320615A 3.000 EA 15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION
2230 2240 2250 2260 2270 2280 2300 2310	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION) 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN. 7310072 14.000 FT PRECAST CONCRETE MANHOLE - 72 IN. 7311033 8.000 FT PRECAST CONCRETE DROP INLET 3 FT X 3 FT 7311042 230.000 FT PRECAST CONCRETE DROP INLET 4 FT X 2 FT 7311053 16.000 FT PRECAST CONCRETE DROP INLET 5 FT X 3 FT 7319913 14.000 FT MISC. SPECIAL INLET NO. 1 7319913 7.000 FT MISC. SPECIAL INLET NO. 2 7320618A 3.000 EA 15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION
2230 2240 2250 2260 2270 2280 2300 2310	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION) 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN. 7310072 14.000 FT PRECAST CONCRETE MANHOLE - 72 IN. 7311033 8.000 FT PRECAST CONCRETE DROP INLET 3 FT X 3 FT 7311042 230.000 FT PRECAST CONCRETE DROP INLET 4 FT X 2 FT 7311053 16.000 FT PRECAST CONCRETE DROP INLET 5 FT X 3 FT 7319913 14.000 FT MISC. SPECIAL INLET NO. 1 7319913 7.000 FT MISC. SPECIAL INLET NO. 2 7320615A 3.000 EA 15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION 7320618A 5.000 EA 18 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION
2230 2240 2250 2260 2270 2280 2300 2310	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION) 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN. 7310072 14.000 FT PRECAST CONCRETE MANHOLE - 72 IN. 7311033 8.000 FT PRECAST CONCRETE DROP INLET 3 FT X 3 FT 7311042 230.000 FT PRECAST CONCRETE DROP INLET 4 FT X 2 FT 7311053 16.000 FT PRECAST CONCRETE DROP INLET 5 FT X 3 FT 7319913 14.000 FT MISC. SPECIAL INLET NO. 1 7319913 7.000 FT MISC. SPECIAL INLET NO. 2 7320618A 3.000 EA 15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION
2230 2240 2250 2260 2270 2280 2300 2310	7269903 100.000 LF MISC. 12' X 3' BOX CULVERT (UNDERGROUND DETENTION) 7269903 200.000 LF MISC. 12' X 4' BOX CULVERT (UNDERGROUND DETENTION) 7310048 108.000 FT PRECAST CONCRETE MANHOLE - 48 IN. 7310072 14.000 FT PRECAST CONCRETE MANHOLE - 72 IN. 7311033 8.000 FT PRECAST CONCRETE DAOP INLET 3 FT X 3 FT 7311042 230.000 FT PRECAST CONCRETE DROP INLET 4 FT X 2 FT 7311053 16.000 FT PRECAST CONCRETE DROP INLET 5 FT X 3 FT 7319913 14.000 FT MISC. SPECIAL INLET NO. 1 7319913 7.000 FT MISC. SPECIAL INLET NO. 2 7320615A 3.000 EA 15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION 7320624A 6.000 EA 24 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION

	30 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION
2350	7320642A 3.000 EA
2330	42 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION
2360	
2300	48 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION
2270	
2370	8025006 24.000 ACRE MULCHING
2380	8052000A 24.000 ACRE SEEDING - WARM SEASON GRASSES
2390	8061003 25.200 CUYD
2400	8061004 25.200 CUYD
	SEDIMENT TRAP ROCK
2410	8061005 2568.000 LF
	ROCK DITCH CHECK
2420	8061006 5012.000 LF
	ALTERNATE DITCH CHECK
2430	8061007A 72.000 EA
	CURB INLET CHECK
2440	8061016 547.000 CUYD
	SEDIMENT REMOVAL
2450	8061017 24.500 ACRE
	TEMPORARY SEEDING
2460	8061019 10555.000 LF
	SILT FENCE
2470	8064140 52436.000 SQYD
	TYPE 3B EROSION CONTROL BLANKET
Section 0018 T	
Section 0016 1	Otal \$600.00
G. a.t.i.a.a. 0010	221
Section 0019 Alt Pvmt A	- Mainline I-44 - Asphalt - JSU0076
2480	4030441 84719.700 SQYD
	15 INCHES, ASPHALTIC CONCRETE PAVEMENT SP125BLP OR SP125BSM
2490	6261000A 546.200 STA
	BITUMINOUS SHOULDER RUMBLE STRIP
Section 0019 T	otal
Section 0020	
	- Mainline I-44 - Concrete - JSU0076
2500	5021335 84719.700 SQYD
2510	6262000A 546.200 STA
	PORTLAND CEMENT CONCRETE SHOULDER RUMBLE STRIP
Section 0020 T	otal
Section 0021	BB1
00001011 0021	

Alt Pvmt C - Mainline I-44 - Type A2 Shoulders - Asphalt - J SU0076

2520	4010150 31907.500 SQYD
	TYPE A2 SHOULDER
	6091010 750.000 LF
	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S
Section 0021 T	roldi
Section 0022	BB2 - Mainline I-44 - Type A2 Shoulders - Concrete - JSU0076
	5021340 31907.500 SQYD
2340	TYPE A2 SHOULDER
	6092011 750.000 LF
	INTEGRAL CURB (6 IN. HEIGHT AND UNDER) TYPE A
Section 0022 T	[otal
Section 0023	
Guardrail/G	Guard Cable Items - JSU0076
2560	6061060 3375.000 LF
	MGS GUARDRAIL
2570	6061061 6125.000 LF
	MGS GUARDRAIL, 8 FT. POSTS, 6 FT 3 IN. SPACING
2580	6061069 12.000 EA
	MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR/NO CURB)
2590	6061080 11.000 EA
	MGS END ANCHOR
2600	6063014 13.000 EA
2000	TYPE A CRASHWORTHY END TERMINAL (MASH)
2610	6064110 1.000 EA
2010	0004110 1.000 EA
	ANCHOR ASSEMBLY, GUARD CABLE 3-STRAND
Section 0023 I	ANCHOR ASSEMBLY, GUARD CABLE 3-STRAND
Section 0023 T	ANCHOR ASSEMBLY, GUARD CABLE 3-STRAND
Section 0023 T Section 0024 Lighting It	ANCHOR ASSEMBLY, GUARD CABLE 3-STRAND Total
Section 0023 T Section 0024 Lighting It	ANCHOR ASSEMBLY, GUARD CABLE 3-STRAND Total Lems - JSU0076 9011010 4.000 EA RELOCATED POLE
Section 0023 T Section 0024 Lighting It 2620	ANCHOR ASSEMBLY, GUARD CABLE 3-STRAND Total Lems - JSU0076 9011010 4.000 EA
Section 0023 T Section 0024 Lighting It 2620	ANCHOR ASSEMBLY, GUARD CABLE 3-STRAND Total Lems - JSU0076 9011010 4.000 EA RELOCATED POLE 9015010 2410.000 LF TRENCHING TYPE I
Section 0023 T Section 0024 Lighting It 2620 2630	ANCHOR ASSEMBLY, GUARD CABLE 3-STRAND Total Lems - JSU0076 9011010 4.000 EA RELOCATED POLE 9015010 2410.000 LF
Section 0023 T Section 0024 Lighting It 2620 2630	ANCHOR ASSEMBLY, GUARD CABLE 3-STRAND Total Lems - JSU0076 9011010
Section 0023 T Section 0024 Lighting It 2620 2630	ANCHOR ASSEMBLY, GUARD CABLE 3-STRAND Total Lems - JSU0076 9011010
Section 0023 T Section 0024 Lighting It 2620 2630	ANCHOR ASSEMBLY, GUARD CABLE 3-STRAND Total Tems - JSU0076 9011010
Section 0023 T Section 0024 Lighting It 2620 2630	ANCHOR ASSEMBLY, GUARD CABLE 3-STRAND Fotal Lems - JSU0076 9011010
Section 0023 T Section 0024 Lighting It 2620 2630 2640	ANCHOR ASSEMBLY, GUARD CABLE 3-STRAND Fotal Lems - JSU0076 9011010
Section 0023 T Section 0024 Lighting It 2620 2630 2640 2660	ANCHOR ASSEMBLY, GUARD CABLE 3-STRAND Total Total Tems - JSU0076 9011010
Section 0023 T Section 0024 Lighting It 2620 2630 2640	ANCHOR ASSEMBLY, GUARD CABLE 3-STRAND Total Tems - JSU0076 9011010

Section 0025

Signing It	tems - JSU0076
2680	9031005 2.000 EA
	SQUARE STEEL SIGN POST (4IN.) BASE
2690	
	CONCRETE FOOTINGS, EMBEDDED
2700	9031020 146.200 CUYD
	CONCRETE FOOTINGS, BOLT DOWN
2710	9031220 1364.000 LB
	PIPE POSTS
2720	
	4 IN. SQUARE STEEL POST
2730	9031280 505.000 LF
	2.5 IN. PSST POST - 12 GA.
2740	9031285 31.000 EA
	CONCRETE POST ANCHOR FOR 2.5 IN. PSST 7 GA.
	9035004A 413.000 SQFT
	SH-FLAT SHEET
2760	9035011A 2058.000 SQFT
2700	ST-STRUCTURAL
2770	9035071A 153.000 SQFT
2770	STF-STRUCTURAL FLUORESCENT
2780	9039901 1.000 LS
	MISC. SIGN NO. 15, OVERHEAD BOX TRUSS, 78 FT 9 IN.
2790	9039901 1.000 LS
	MISC. SIGN NO. 22, OVERHEAD BOX TRUSS, 78 FT 10 IN.
2800	9039901 1.000 LS
	MISC. SIGN NO. 27, OVERHEAD BOX TRUSS, 78 FT 10 IN.
2810	9039901 1.000 LS
	MISC. SIGN NO. 41, OVERHEAD BOX TRUSS, 90 FT 10 IN.
2820	9039901 1.000 LS
	MISC. SIGN NO. 6, OVERHEAD BOX TRUSS, 64 FT 0 IN.
2830	9039902 2.000 EA
	MISC. RELOCATION SIGN
Section 0025	Total
Section 0026	
ITS Items	
2840	7011104 18.000 LF
	DRILLED SHAFTS (3 FT. 0 IN. DIA.)
2850	9105200 170.000 LF
	CONDUIT, 2 IN., RIGID, IN TRENCH
2860	9108202 300.000 LF
	CABLE, 2 AWG, 1 CONDUCTOR, POWER
2870	9108206 70.000 LF
	CABLE, 6 AWG, 1 CONDUCTOR, POWER
2880	9108402 120.000 LF
	WIRE, 2 AWG, BARE NEUTRAL
2890	9108406 30.000 LF
2000	STOOTOO SO.OOO EF

WIRE, 6 AWG, BARE NEUTRAL

	Missouri	Department of Transportation	Contract ID: 241213-G02
2900	9108816	1.000 EA	
	PULL BOX, PREFORMED	CLASS 5	
2910	9109100	1.000 CUYD	
	BASE, CONCRETE		
2920		1.000 LS	
	MISC. DMS TRAINING		
2930	9109902	1.000 EA	
	MISC. DMS STRUCTURE		
2940	9109902	1.000 EA	
	MISC. ROADSIDE DYNA	MIC MESSAGE SIGN REPLACEMEN'	T
2950	9109903	60.000 LF	
	MISC. DMS COMMUNICA	TION CABLE	
Section 0026			
	Grant, & National Bridge Light:	ng Items - JSU0076	
2960	9012230	3.000 EA	
	BASE MOUNTED CONTRO	L STATION 240 VOLT - 4 CIRC	UIT
2970	9013002	390.000 LF	
	CONDUIT, 2 IN. RIGI	D, IN TRENCH	
2980		1030.000 LF	
		D, EXTERNAL ON STRUCTURE	
2990	9016120	3.000 EA	
	PULL BOX, CONCRETE,	STANDARD	
3000	9017002	570.000 LF	
	CABLE, 2 AWG 1 COND	UCTOR	
3010	9017006	190.000 LF	
	CABLE, 6 AWG 1 COND		
3020	9018612	3 000 ₽2	
	POWER SUPPLY ASSEMB	LY, TYPE 2, 240/120 VOLT SE	RVICE, LIGHTING ONLY
3030	9019902	3.000 EA	
	MISC. 18" X 18" X 6	" JUNCTION BOX	
3040		18.000 EA	
	MISC. 6" X 6" X 4"	JUNCTION BOX	
3050	9019902	18.000 EA	
	MISC. LED LUMINAIRE		
3060	9028219		
	CABLE, 10 AWG 1 CON	DUCTOR, POWER	
Section 0027	TOLAI		
Section 0028			
	ail Box Culvert Items - JSU0076		
		1.000 ACRE	
	CLEARING AND GRUBBI	NG	
3080	2022010	1.000 LS	
	REMOVAL OF IMPROVEM	ENTS	
3090		3256.000 CUYD	
	IINCLASSIFIED EXCAVA	TTON	

UNCLASSIFIED EXCAVATION
3100 2036000 2617.000 CUYD

	COMPACTING EMBANKMENT
3110	2037075 3.000 STA
3110	COMPACTING IN CUT
3120	2063000 19.000 CUYD
3120	CLASS 3 EXCAVATION
3130	
3130	2063300 4676.000 CUYD CLASS 4 EXCAVATION
3140	2063400 520.000 CUYD CLASS 4 EXCAVATION IN ROCK
2150	
3150	2065500 1.000 LS
3160	3040504 1198.000 SQYD
3170	6061080 2.000 EA
	MGS END ANCHOR
3180	6084024 458.000 LF
	SIDEWALK HAND-RAILING WITH BALUSTERS
3190	6086004 1197.900 SQYD
	CONCRETE SIDEWALK, 4 IN.
	6089902 1.000 EA
	MISC. PIPE BOLLARD
3210	6181020 1.000 EA \$600.00000 \$600.0
3210	ADDITIONAL MOBILIZATION FOR SEEDING
2000	
3220	6189901 1.000 LS
3230	6279901 1.000 LS
	MISC. CONTRACTOR FURNISHED SURVEYING AND STAKING - CITY OF SPRINGFEILD
3240	7034041 751.900 CUYD
	CLASS B-1 CONCRETE (CULVERTS)
3250	7061030 102140.000 LB
	REINFORCING STEEL (CULVERTS)
3260	
	7209904 3810.000 SQFT
	MISC. GRAVITY WALL
3270	MISC. GRAVITY WALL
3270	MISC. GRAVITY WALL 7261015 90.000 LF 15 IN. PIPE GROUP A
3270 3280	MISC. GRAVITY WALL 7261015 90.000 LF
	MISC. GRAVITY WALL 7261015 90.000 LF 15 IN. PIPE GROUP A 7320615A 6.000 EA 15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION
3280	MISC. GRAVITY WALL 7261015 90.000 LF 15 IN. PIPE GROUP A 7320615A 6.000 EA 15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION
3280	MISC. GRAVITY WALL 7261015 90.000 LF 15 IN. PIPE GROUP A 7320615A 6.000 EA 15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION 8025006 0.500 ACRE
3280	MISC. GRAVITY WALL 7261015 90.000 LF 15 IN. PIPE GROUP A 7320615A 6.000 EA 15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION 8025006 0.500 ACRE MULCHING
3280	MISC. GRAVITY WALL 7261015 90.000 LF 15 IN. PIPE GROUP A 7320615A 6.000 EA 15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION 8025006 0.500 ACRE MULCHING 8052000A 0.500 ACRE
3280 3290 3300	MISC. GRAVITY WALL 7261015 90.000 LF 15 IN. PIPE GROUP A 7320615A 6.000 EA 15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION 8025006 0.500 ACRE MULCHING 8052000A 0.500 ACRE SEEDING - WARM SEASON GRASSES
3280 3290 3300	MISC. GRAVITY WALL 7261015 90.000 LF 15 IN. PIPE GROUP A 7320615A 6.000 EA 15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION 8025006 0.500 ACRE MULCHING 8052000A 0.500 ACRE SEEDING - WARM SEASON GRASSES 8061016 12.000 CUYD
3280 3290 3300	MISC. GRAVITY WALL 7261015 90.000 LF 15 IN. PIPE GROUP A 7320615A 6.000 EA 15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION 8025006 0.500 ACRE MULCHING 8052000A 0.500 ACRE SEEDING - WARM SEASON GRASSES 8061016 12.000 CUYD SEDIMENT REMOVAL
3280 3290 3300	MISC. GRAVITY WALL 7261015 90.000 LF 15 IN. PIPE GROUP A 7320615A 6.000 EA 15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION 8025006 0.500 ACRE MULCHING 8052000A 0.500 ACRE SEEDING - WARM SEASON GRASSES 8061016 12.000 CUYD SEDIMENT REMOVAL 8061017 0.500 ACRE
3280 3290 3300 3310 3320	MISC. GRAVITY WALL 7261015 90.000 LF 15 IN. PIPE GROUP A 7320615A 6.000 EA 15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION 8025006 0.500 ACRE MULCHING 8052000A 0.500 ACRE SEEDING - WARM SEASON GRASSES 8061016 12.000 CUYD SEDIMENT REMOVAL 8061017 0.500 ACRE TEMPORARY SEEDING
3280 3290 3300 3310 3320	MISC. GRAVITY WALL 7261015 90.000 LF 15 IN. PIPE GROUP A 7320615A 6.000 EA 15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION 8025006 0.500 ACRE MULCHING 8052000A 0.500 ACRE SEEDING - WARM SEASON GRASSES 8061016 12.000 CUYD SEDIMENT REMOVAL 8061017 0.500 ACRE TEMPORARY SEEDING
3280 3290 3300 3310 3320	MISC. GRAVITY WALL 7261015 90.000 LF 15 IN. PIPE GROUP A 7320615A 6.000 EA 15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION 8025006 0.500 ACRE MULCHING 8052000A 0.500 ACRE SEEDING - WARM SEASON GRASSES 8061016 12.000 CUYD SEDIMENT REMOVAL 8061017 0.500 ACRE TEMPORARY SEEDING 8061019 1119.000 LF SILT FENCE
3280 3290 3300 3310 3320 3330	MISC. GRAVITY WALL 7261015 90.000 LF 15 IN. PIPE GROUP A 7320615A 6.000 EA 15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION 8025006 0.500 ACRE MULCHING 8052000A 0.500 ACRE SEEDING - WARM SEASON GRASSES 8061016 12.000 CUYD SEDIMENT REMOVAL 8061017 0.500 ACRE TEMPORARY SEEDING 8061019 1119.000 LF SILT FENCE 9013002 44.000 LF
3280 3290 3300 3310 3320 3330	MISC. GRAVITY WALL 7261015 90.000 LF 15 IN. PIPE GROUP A 7320615A 6.000 EA 15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION 8025006 0.500 ACRE MULCHING 8052000A 0.500 ACRE SEEDING - WARM SEASON GRASSES 8061016 12.000 CUYD SEDIMENT REMOVAL 8061017 0.500 ACRE TEMPORARY SEEDING 8061019 1119.000 LF SILT FENCE 9013002 44.000 LF
3280 3290 3300 3310 3320 3330	MISC. GRAVITY WALL 7261015 90.000 LF 15 IN. PIPE GROUP A 7320615A 6.000 EA 15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION 8025006 0.500 ACRE MULCHING 8052000A 0.500 ACRE SEEDING - WARM SEASON GRASSES 8061016 12.000 CUYD SEDIMENT REMOVAL 8061017 0.500 ACRE TEMPORARY SEEDING 8061019 1119.000 LF SILT FENCE 9013002 44.000 LF CONDUIT, 2 IN. RIGID, IN TRENCH
3280 3290 3300 3310 3320 3330 3340	MISC. GRAVITY WALL 7261015 90.000 LF 15 IN. PIPE GROUP A 7320615A 6.000 EA 15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION 8025006 0.500 ACRE MULCHING 8052000A 0.500 ACRE SEEDING - WARM SEASON GRASSES 8061016 12.000 CUYD SEDIMENT REMOVAL 8061017 0.500 ACRE TEMPORARY SEEDING 8061019 1119.000 LF SILT FENCE 9013002 44.000 LF CONDUIT, 2 IN. RIGID, IN TRENCH

3360	9015010 44.000 LF
	TRENCHING TYPE I
3370	9016120 3.000 EA
	PULL BOX, CONCRETE, STANDARD
3380	
3380	9017006 1230.000 LF CABLE, 6 AWG 1 CONDUCTOR
3390	9017008 80.000 LF
	CABLE, 8 AWG 1 CONDUCTOR
3400	9017206 620.000 LF
	WIRE, 6 AWG, BARE NEUTRAL
3410	9017208 40.000 LF
	WIRE, 8 AWG, BARE NEUTRAL
3420	9017404 820.000 LF
3420	CABLE-CONDUIT, 1 IN., 2 CONDUCTORS AND 1 BARE NEUTRAL, 6 AWG
3430	9017407 400.000 LF
	CABLE-CONDUIT, 1 IN., 2 CONDUCTORS AND 1 BARE NEUTRAL, 8 AWG
3440	9018612 1.000 EA
	POWER SUPPLY ASSEMBLY, TYPE 2, 240/120 VOLT SERVICE, LIGHTING ONLY
3450	9019902 15.000 EA
	MISC. LED TUNNEL LUMINAIRE, 100W
3460	9019902 2.000 EA
	MISC. POWER PACK RELAY
3470	9019902 19.000 EA
3470	MISC. PULL BOX, TYPE METAL NEMA
3480	9019902 1.000 EA
3490	9019903 1140.000 LF
	MISC. DIMMING CABLE, 18 AWG, 1 CONDUCTOR, 600V
3500	9028202 270.000 LF
	CABLE, 2 AWG 1 CONDUCTOR, POWER
Section 0028 Tot	
Section 0029	
	s Electric Items - JSU0076
3510	9019902 4.000 EA
	MISC. FURNISH & INSTALL 6" PRIMARY RISER CONDUIT (PR-6CP)
3520	9019902 1.000 EA
3320	MISC. FURNISH & INSTALL SECONDARY RISER CONDUIT (SR-2CP)
3530	9019902 5.000 EA
	MISC. INSTALL 600A VAULT (11'X7') WITH CONCRETE LID (PV-61 & VL-PV61)
3540	9019902 1.000 EA
	MISC. INSTALL SECONDARY PEDESTAL (SP-SW)
3550	9019902 2.000 EA
	MISC. REMOVE 6" PRIMARY RISER CONDUIT (PR-6C)
3560	9019902 1.000 EA
	MISC. REMOVE 600A VAULT (PV-62) AND LID
3570	9019903 530.000 LF
5510	220.000 Pt
	MISC FURNISH & BORE 600 & CONDUITY/DUCT DEC INCLUDES. (4) 4" UDDE CONDUITES AND
	MISC. FURNISH & BORE 600 A CONDUIT/DUCT PKG, INCLUDES: (4) 4" HDPE CONDUITS AND (2) 2" HDPE CONDUITS (ONE 2" HDPE SHALL BE ORANGE)
3580	MISC. FURNISH & BORE 600 A CONDUIT/DUCT PKG, INCLUDES: (4) 4" HDPE CONDUITS AND (2) 2" HDPE CONDUITS (ONE 2" HDPE SHALL BE ORANGE) 9019903 5.000 LF

	MISC. FURNISH & INSTALL 2" PVC CONDUIT (PVC-2) IN TRENCH
3590	9019903 195.000 LF
3330	MISC. FURNISH & INSTALL 6" PVC CONDUIT (PVC-6) IN TRENCH
3600	9019903 330.000 LF
3000	MISC. FURNISH & INSTALL 600A CONDUIT/DUCT BANK (UT-STANDARD) INCLUDES: (4) 4" PVC CONDUITS (PVC-4), (1) 2" PVC CONDUIT (PVC-2), (1) 2" HDPE (ORANGE FOR COMM.) WITH SPACERS
3610	9019903 70.000 LF
	MISC. REMOVE 6" GALV CONDUIT (GALV-6) IF IN CONFLICT W/CONSTRUCTION
Section 0029	Total
Section 0030 Bridge A94	13 items - JSU0076
3620	2024043 12.000 SQFT
	REMOVAL OF MISCELLANEOUS ACM (NON-FRIABLE)
3630	REMOVAL OF BRIDGES
3640	5031010A 314.000 SOYD
	BRIDGE APPROACH SLAB (MAJOR)
3650	7021212 534.000 LF
	GALVANIZED STRUCTURAL STEEL PILES (12 IN)
3660	7026000 189.000 LF
	PRE-BORE FOR PILING
3670	7027000 18.000 EA
3070	PILE POINT REINFORCEMENT
3680	7032003 58.400 CUYD
3000	CLASS B CONCRETE (SUBSTRUCTURE)
3690	
3030	TYPE D BARRIER
3700	7034221 648.000 SQYD
0,00	SLAB ON CONCRETE NU-GIRDER
3710	7056021 647.000 LF
3710	NU 35, PRESTRESSED CONCRETE NU-GIRDER
3720	7151001 2.000 EA
3720	VERTICAL DRAIN AT END BENTS
3730	
3730	PLAIN NEOPRENE BEARING PAD
3740	7161002 8.000 EA
3740	LAMINATED NEOPRENE BEARING PAD
3750	
3730	PIPE PILE SPACERS
Section 0030	Total
Section 0031 Bridge A94	14 Items - JSU0076
3760	2024043 12.000 SQFT
	REMOVAL OF MISCELLANEOUS ACM (NON-FRIABLE)
3770	2160500 1.000 LS
-	REMOVAL OF BRIDGES

3780	000101011
	BRIDGE APPROACH SLAB (MAJOR)
3790	7021212 539.000 LF
	GALVANIZED STRUCTURAL STEEL PILES (12 IN)
3800	7026000 207.000 LF
	PRE-BORE FOR PILING
3810	7027000 18.000 EA
	PILE POINT REINFORCEMENT
3820	7032003 59.000 CUYD
3020	CLASS B CONCRETE (SUBSTRUCTURE)
3830	7034219A 226.000 LF
	TYPE D BARRIER
3840	7034221 648.000 SQYD
	SLAB ON CONCRETE NU-GIRDER
3850	7056021 647.000 LF
	NU 35, PRESTRESSED CONCRETE NU-GIRDER
3860	7151001 2.000 EA
	VERTICAL DRAIN AT END BENTS
3870	7161000 8.000 EA
3070	PLAIN NEOPRENE BEARING PAD
2000	
3880	7161003 8.000 EA
	LAMINATED NEOPRENE BEARING PAD (TAPERED)
3890	7201300 18.000 EA
	PIPE PILE SPACERS
Section 0031 T	otal
Section 0032	415 Items - JSU0076
	7110300 1.000 LS
3900	CONCRETE AND MASONRY PROTECTION SYSTEM
	CONCRETE AND MASONRY PROTECTION SISTEM
3910	7110400 1.000 LS
	SACRIFICIAL GRAFFITI PROTECTION SYSTEM
	7201000 5092.000 SQFT
	MECHANICALLY STABILIZED EARTH WALL SYSTEMS
3930	7209901 1.000 LS
	MISC. TEMPORARY MSE WALL SYSTEM
Section 0032 T	otal of the second of the seco
Section 0033	
	415 Aesthetic Items - JSU0076
3940	7033009 1.000 LS
	AESTHETIC CONCRETE STAIN
3950	7201100 4.000 SQYD
	FORM LINERS FOR MSE WALL SYSTEMS
Section 0033 T	'otal

	416 Items - JSU0076	
3960	7110300 1.000 LS CONCRETE AND MASONRY PROTECTION	
3970	7110400 1.000 LS SACRIFICIAL GRAFFITI PROTECTION	N SYSTEM
3980	7201000 4002.000 SÇ MECHANICALLY STABILIZED EARTH	
3 9 9 0	7209901 1.000 LS MISC. TEMPORARY MSE WALL SYSTE	
Section 0034 1		
Section 0035 MSE Wall A9	416 Aesthetic Items - JSU0076	
	7033009 1.000 LS AESTHETIC CONCRETE STAIN	}
4010	7201100 4.000 SÇ	
Section 0035	FORM LINERS FOR MSE WALL SYSTE	
Section 0036		
	7 Items - JSU0076	
Bridge A941	2160500 1.000 LS REMOVAL OF BRIDGES	
Bridge A941	2160500 1.000 LS REMOVAL OF BRIDGES	 QYD
Bridge A941 4020 4030	2160500 1.000 LS REMOVAL OF BRIDGES 5031010A 314.000 SQ BRIDGE APPROACH SLAB (MAJOR) 7021212 595.000 LE	 ΩΥD
Bridge A941 4020 4030	2160500 1.000 LS REMOVAL OF BRIDGES 5031010A 314.000 SQ BRIDGE APPROACH SLAB (MAJOR) 7021212 595.000 LE GALVANIZED STRUCTURAL STEEL PI 7026000 198.000 LE	OYD F LES (12 IN)
Bridge A941 4020 4030	2160500 1.000 LS REMOVAL OF BRIDGES 5031010A 314.000 SQ BRIDGE APPROACH SLAB (MAJOR) 7021212 595.000 LE GALVANIZED STRUCTURAL STEEL PI 7026000 198.000 LE PRE-BORE FOR PILING	OYD F LES (12 IN)
Bridge A941 4020 4030 4040 4050	2160500 1.000 LS REMOVAL OF BRIDGES 5031010A 314.000 SQ BRIDGE APPROACH SLAB (MAJOR) 7021212 595.000 LE GALVANIZED STRUCTURAL STEEL PI 7026000 198.000 LE PRE-BORE FOR PILING 7027000 18.000 EA PILE POINT REINFORCEMENT 7032003 58.200 CU	QYD FLES (12 IN) F
Bridge A941	2160500 1.000 LS REMOVAL OF BRIDGES 5031010A 314.000 SQ BRIDGE APPROACH SLAB (MAJOR) 7021212 595.000 LE GALVANIZED STRUCTURAL STEEL PI 7026000 198.000 LE PRE-BORE FOR PILING 7027000 18.000 EA PILE POINT REINFORCEMENT 7032003 58.200 CU CLASS B CONCRETE (SUBSTRUCTURE	QYD LES (12 IN) YUD JYD)
Bridge A941	2160500 1.000 LS REMOVAL OF BRIDGES 5031010A 314.000 SQ BRIDGE APPROACH SLAB (MAJOR) 7021212 595.000 LE GALVANIZED STRUCTURAL STEEL PI 7026000 198.000 LE PRE-BORE FOR PILING 7027000 18.000 EA PILE POINT REINFORCEMENT 7032003 58.200 CU CLASS B CONCRETE (SUBSTRUCTURE 7034219A 226.000 LE TYPE D BARRIER	QYD LES (12 IN) JYD)
Bridge A941	2160500 1.000 LS REMOVAL OF BRIDGES 5031010A 314.000 SQ BRIDGE APPROACH SLAB (MAJOR) 7021212 595.000 LE GALVANIZED STRUCTURAL STEEL PI 7026000 198.000 LE PRE-BORE FOR PILING 7027000 18.000 EF PILE POINT REINFORCEMENT 7032003 58.200 CU CLASS B CONCRETE (SUBSTRUCTURE 7034219A 226.000 LE TYPE D BARRIER 7034221 648.000 SQ SLAB ON CONCRETE NU-GIRDER	QYD LES (12 IN) JYD) T
Bridge A941 4020 4030 4040 4050 4060 4070 4080	2160500 1.000 LS REMOVAL OF BRIDGES 5031010A 314.000 SQ BRIDGE APPROACH SLAB (MAJOR) 7021212 595.000 LF GALVANIZED STRUCTURAL STEEL PI 7026000 198.000 LF PRE-BORE FOR PILING 7027000 18.000 EF PILE POINT REINFORCEMENT 7032003 58.200 CU CLASS B CONCRETE (SUBSTRUCTURE 7034219A 226.000 LF TYPE D BARRIER 7034221 648.000 SQ SLAB ON CONCRETE NU-GIRDER 7056021 647.000 LF NU 35, PRESTRESSED CONCRETE NU	QYD LES (12 IN) JYD OTHER GIRDER
Bridge A941 4020 4030 4040 4050 4060 4070 4080 4110	2160500 1.000 LS REMOVAL OF BRIDGES 5031010A 314.000 SQ BRIDGE APPROACH SLAB (MAJOR) 7021212 595.000 LE GALVANIZED STRUCTURAL STEEL PI 7026000 198.000 LE PRE-BORE FOR PILING 7027000 18.000 EA PILE POINT REINFORCEMENT 7032003 58.200 CU CLASS B CONCRETE (SUBSTRUCTURE 7034219A 226.000 LE TYPE D BARRIER 7034221 648.000 SQ SLAB ON CONCRETE NU-GIRDER 7056021 647.000 LE NU 35, PRESTRESSED CONCRETE NU 7151001 2.000 EA VERTICAL DRAIN AT END BENTS 7161000 8.000 EA	QYD LES (12 IN) JYD OYD GERDER
Bridge A941 4020 4030 4040 4050 4060 4070 4110	2160500 1.000 LS REMOVAL OF BRIDGES 5031010A 314.000 SQ BRIDGE APPROACH SLAB (MAJOR) 7021212 595.000 LF GALVANIZED STRUCTURAL STEEL PI 7026000 198.000 LF PRE-BORE FOR PILING 7027000 18.000 EA PILE POINT REINFORCEMENT 7032003 58.200 CU CLASS B CONCRETE (SUBSTRUCTURE 7034219A 226.000 LF TYPE D BARRIER 7034221 648.000 SQ SLAB ON CONCRETE NU-GIRDER 7056021 647.000 LF NU 35, PRESTRESSED CONCRETE NU 7151001 2.000 EA VERTICAL DRAIN AT END BENTS 7161000 8.000 EA PLAIN NEOPRENE BEARING PAD	PYD LES (12 IN) TYD YYD YYD GIRDER A

1150	418 Items - JSU0076
	2160500 1.000 LS REMOVAL OF BRIDGES
 160	5031010A 314.000 SQYD
	BRIDGE APPROACH SLAB (MAJOR)
 170	7021212 566.000 LF
170	GALVANIZED STRUCTURAL STEEL PILES (12 IN)
180	7026000 198.000 LF
	PRE-RORE FOR PILING
190	7027000 18.000 EA PILE POINT REINFORCEMENT
200	7032003 58.000 CUYD
	CLASS B CONCRETE (SUBSTRUCTURE)
210	7034219A 226.000 LF
	TYPE D BARRIER
220	7034221 648.000 SQYD
	SLAB ON CONCRETE NU-GIRDER
230	7056021 647 000 TF
200	NU 35, PRESTRESSED CONCRETE NU-GIRDER
240	
240	7151001 2.000 EA VERTICAL DRAIN AT END BENTS
250	7161000 8.000 EA
	PLAIN NEOPRENE BEARING PAD
260	7161003 8.000 EA
	LAMINATED NEOPRENE BEARING PAD (TAPERED)
270	7201300 18.000 EA
	PIPE PILE SPACERS
ection 0037	Total
ection 0038	
	A9419 Items - JSU0076
MSE Wall	
MSE Wall	A9419 Items - JSU0076 7110300 1.000 LS CONCRETE AND MASONRY PROTECTION SYSTEM
MSE Wall .	A9419 Items - JSU0076 7110300 1.000 LS
MSE Wall .	A9419 Items - JSU0076 7110300 1.000 LS CONCRETE AND MASONRY PROTECTION SYSTEM 7110400 1.000 LS SACRIFICIAL GRAFFITI PROTECTION SYSTEM
MSE Wall .	A9419 Items - JSU0076 7110300 1.000 LS CONCRETE AND MASONRY PROTECTION SYSTEM 7110400 1.000 LS SACRIFICIAL GRAFFITI PROTECTION SYSTEM
MSE Wall .	A9419 Items - JSU0076 7110300
MSE Wall . 280 290	A9419 Items - JSU0076 7110300
MSE Wall .	A9419 Items - JSU0076 7110300
MSE Wall .	A9419 Items - JSU0076 7110300
MSE Wall	A9419 Items - JSU0076 7110300
MSE Wall	A9419 Items - JSU0076 7110300
MSE Wall	A9419 Items - JSU0076 7110300
MSE Wall	A9419 Items - JSU0076 7110300
MSE Wall 280 290 300 310 ection 0038 ection 0039 MSE Wall	A9419 Items - JSU0076 7110300
4290 4300 4310 Section 0038	A9419 Items - JSU0076 7110300
MSE Wall 1280 1290 1300 1310 Section 0038 MSE Wall	A9419 Items - JSU0076 7110300

FORM LINERS FOR MSE WALL SYSTEMS

VERTICAL DRAIN AT END BENTS

PLAIN NEOPRENE BEARING PAD

4500 7161000 8.000 EA

Section 0039	9 Total	
Section 0040 MSE Wall	0 A9420 Items - JSU0076	
4340	7110300 1.000 LS CONCRETE AND MASONRY PROTECTION SYSTEM	
4350	7110400 1.000 LS SACRIFICIAL GRAFFITI PROTECTION SYSTEM	
4360	7201000 3822.000 SQFT MECHANICALLY STABILIZED EARTH WALL SYSTEMS	
4370	7209901 1.000 LS MISC. TEMPORARY MSE WALL SYSTEM	
Section 0040	0 Total	
Section 0041 MSE Wall	1 A9420 Aesthetic Items - JSU0076	
4380	7033009 1.000 LS AESTHETIC CONCRETE STAIN	
4390	7201100 4.000 SQYD FORM LINERS FOR MSE WALL SYSTEMS	
Section 0042	2 9421 Items - JSU0076	
4400	2160500 1.000 LS REMOVAL OF BRIDGES	
4410		
4420	7021212 492.000 LF GALVANIZED STRUCTURAL STEEL PILES (12 IN)	
4430	7026000 216.000 LF PRE-BORE FOR PILING	
4440	7027000 18.000 EA PILE POINT REINFORCEMENT	
4450	7032003 58.200 CUYD CLASS B CONCRETE (SUBSTRUCTURE)	
4460	7034219A 226.000 LF TYPE D BARRIER	
4470	7034221 648.000 SQYD SLAB ON CONCRETE NU-GIRDER	
4480	7056021 647.000 LF NU 35, PRESTRESSED CONCRETE NU-GIRDER	
4490	7151001 2.000 EA	

4510	7161003 8.000 EA	
	LAMINATED NEOPRENE BEARING PAD (TAPERED)	
4520	7201300 18.000 EA PIPE PILE SPACERS	
Section 0042		
	TOCAT	
Section 0043		
	122 Items - JSU0076	
4530	2160500 1.000 LS REMOVAL OF BRIDGES	
4540	5031010A 314.000 SQYD BRIDGE APPROACH SLAB (MAJOR)	
4550	7021212 492.000 LF	
4550	GALVANIZED STRUCTURAL STEEL PILES (12 IN)	
4560		
4300	PRE-BORE FOR PILING	
4570	7027000 18.000 EA	
-	PILE POINT REINFORCEMENT	
4580	7032003 58.400 CUYD	
	CLASS B CONCRETE (SUBSTRUCTURE)	
4590	7034219A 226.000 LF	
	TYPE D BARRIER	
4600	7034221 648.000 SQYD	
	SLAB ON CONCRETE NU-GIRDER	
4610	7056021 647.000 LF	
	NU 35, PRESTRESSED CONCRETE NU-GIRDER	
4620	7151001 2.000 EA	
	VERTICAL DRAIN AT END BENTS	
4630	7161000 8.000 EA	
	PLAIN NEOPRENE BEARING PAD	
4640	7161003 8 000 52	
	LAMINATED NEOPRENE BEARING PAD (TAPERED)	
4650	/201300 18.000 EA	
	PIPE PILE SPACERS	
Section 0043	Total	
Section 0044 MSE Wall A	A9423 Items - JSU0076	
	7110300 1.000 LS	
	CONCRETE AND MASONRY PROTECTION SYSTEM	
4670	7110400 1.000 LS	
	SACRIFICIAL GRAFFITI PROTECTION SYSTEM	
4680	7201000 3752.000 SQFT	
	MECHANICALLY STABILIZED EARTH WALL SYSTEMS	
4690	7209901 1.000 LS	
	MISC. TEMPORARY MSE WALL SYSTEM	
Coation 0044		
Section 0044	IULAI	

MSE Wall A	19429 Aescheele leems 050007	0	
1700	7033009	1.000 LS	
	AESTHETIC CONCRETE		
4710	7201100	4.000 SQYD	
	FORM LINERS FOR MS		
Section 0045	Total		
Section 0046			
MSE Wall	19424 Items - JSU0076		
1720	7110300	1.000 LS	
	CONCRETE AND MASON		
1730	7110400	1.000 LS	
	SACRIFICIAL GRAFFI	TI PROTECTION SYSTEM	
4740		3950.000 SQFT	
	MECHANICALLY STABI	LIZED EARTH WALL SYSTEMS	
4750	7209901	1.000 LS	
	MISC. TEMPORARY MS	E WALL SYSTEM	
Section 0046	Total		
Section 0046	Total		
Section 0046	Total		
Section 0047		6	
Section 0047 MSE Wall i		6 1.000 LS	
Section 0047	A9424 Aesthetic Items - JSU007	1.000 LS	
Section 0047 MSE Wall i	A9424 Aesthetic Items - JSU0070	1.000 LS STAIN	
Section 0047 MSE Wall i	A9424 Aesthetic Items - JSU0070 7033009 AESTHETIC CONCRETE	1.000 LS STAIN 4.000 SQYD	
Section 0047 MSE Wall 2 4760 4770	A9424 Aesthetic Items - JSU0070 7033009 AESTHETIC CONCRETE 7201100 FORM LINERS FOR MS	1.000 LS STAIN 4.000 SQYD	
Section 0047 MSE Wall 2 4760 4770	A9424 Aesthetic Items - JSU0070 7033009 AESTHETIC CONCRETE 7201100 FORM LINERS FOR MS	1.000 LS STAIN 4.000 SQYD	
Section 0047 MSE Wall 2 4760 4770	A9424 Aesthetic Items - JSU0070 7033009 AESTHETIC CONCRETE 7201100 FORM LINERS FOR MS	1.000 LS STAIN 4.000 SQYD	
Section 0047 MSE Wall i	A9424 Aesthetic Items - JSU0070 7033009 AESTHETIC CONCRETE 7201100 FORM LINERS FOR MS	1.000 LS STAIN 4.000 SQYD	
Section 0047 MSE Wall 2 4760 4770 Section 0047	A9424 Aesthetic Items - JSU0070 7033009 AESTHETIC CONCRETE 7201100 FORM LINERS FOR MS	1.000 LS STAIN 4.000 SQYD	
Section 0047 MSE Wall 2 4760 4770 Section 0047 Section 0048 Roadway I	A9424 Aesthetic Items - JSU0070 7033009 AESTHETIC CONCRETE 7201100 FORM LINERS FOR MS Total	1.000 LS STAIN 4.000 SQYD SE WALL SYSTEMS	
Section 0047 MSE Wall 2 4760 4770 Section 0047 Section 0048 Roadway I	A9424 Aesthetic Items - JSU0070 7033009 AESTHETIC CONCRETE 7201100 FORM LINERS FOR MS Total tems - JSU0114 6161005	1.000 LS STAIN 4.000 SQYD EE WALL SYSTEMS 16.000 SQFT	
Section 0047 MSE Wall 2 4760 4770 Section 0047 Section 0048 Roadway I	A9424 Aesthetic Items - JSU0076 7033009 AESTHETIC CONCRETE 7201100 FORM LINERS FOR MS Total Total Total Cems - JSU0114 6161005 CONSTRUCTION SIGNS	1.000 LS STAIN 4.000 SQYD E WALL SYSTEMS 16.000 SQFT	
Section 0047 MSE Wall 2 4760 4770 Section 0047 Section 0048 Roadway It	A9424 Aesthetic Items - JSU0070 7033009 AESTHETIC CONCRETE 7201100 FORM LINERS FOR MS Total tems - JSU0114 6161005 CONSTRUCTION SIGNS	1.000 LS STAIN 4.000 SQYD E WALL SYSTEMS 16.000 SQFT	
Section 0047 MSE Wall 2 4760 4770 Section 0047	A9424 Aesthetic Items - JSU0076 7033009 AESTHETIC CONCRETE 7201100 FORM LINERS FOR MS Total Total Total Cems - JSU0114 6161005 CONSTRUCTION SIGNS	1.000 LS STAIN 4.000 SQYD SE WALL SYSTEMS 16.000 SQFT S	
Section 0047 MSE Wall 2 4760 4770 Section 0047 Section 0048 Roadway It	A9424 Aesthetic Items - JSU0076 7033009 AESTHETIC CONCRETE 7201100 FORM LINERS FOR MS Total Total Total Cems - JSU0114 6161005 CONSTRUCTION SIGNS 6181000 MOBILIZATION 6274000	1.000 LS STAIN 4.000 SQYD SE WALL SYSTEMS 16.000 SQFT S 1.000 LS	
Section 0047 MSE Wall 2 4760 4770 Section 0047 Section 0048 Roadway It	A9424 Aesthetic Items - JSU0076 7033009 AESTHETIC CONCRETE 7201100 FORM LINERS FOR MS Total Total Total Cems - JSU0114 6161005 CONSTRUCTION SIGNS 6181000 MOBILIZATION 6274000	1.000 LS STAIN 4.000 SQYD SE WALL SYSTEMS 16.000 SQFT	
Section 0047 MSE Wall 2 4760 4770 Section 0047 Section 0048 Roadway It	A9424 Aesthetic Items - JSU0076 7033009 AESTHETIC CONCRETE 7201100 FORM LINERS FOR MS Total Total Total Cems - JSU0114 6161005 CONSTRUCTION SIGNS 6181000 MOBILIZATION 6274000	1.000 LS STAIN 4.000 SQYD SE WALL SYSTEMS 16.000 SQFT S 1.000 LS	
Section 0047 MSE Wall 2 4760 4770 Section 0047 Section 0048 Roadway It	A9424 Aesthetic Items - JSU0070 7033009 AESTHETIC CONCRETE 7201100 FORM LINERS FOR MS Total Total Total Cems - JSU0114 6161005 CONSTRUCTION SIGNS 6181000 MOBILIZATION 6274000 CONTRACTOR FURNISH	1.000 LS STAIN 4.000 SQYD SE WALL SYSTEMS 16.000 SQFT 1.000 LS 1.000 LS ED SURVEYING AND STAKING 1.000 LS	
Section 0047 MSE Wall 2 4760 4770 Section 0047 Section 0048 Roadway I1 4780 4780 4800	A9424 Aesthetic Items - JSU0070 7033009 AESTHETIC CONCRETE 7201100 FORM LINERS FOR MS Total Total Total Cems - JSU0114 6161005 CONSTRUCTION SIGNS 6181000 MOBILIZATION 6274000 CONTRACTOR FURNISH 7033009 AESTHETIC CONCRETE	1.000 LS STAIN 4.000 SQYD SE WALL SYSTEMS 16.000 SQFT 1.000 LS 1.000 LS ED SURVEYING AND STAKING 1.000 LS	
Section 0047 MSE Wall 2 4760 4770 Section 0047 Section 0048 Roadway It	A9424 Aesthetic Items - JSU0070 7033009 AESTHETIC CONCRETE 7201100 FORM LINERS FOR MS Total Total Total Cems - JSU0114 6161005 CONSTRUCTION SIGNS 6181000 MOBILIZATION 6274000 CONTRACTOR FURNISH 7033009 AESTHETIC CONCRETE	1.000 LS STAIN 4.000 SQYD SE WALL SYSTEMS 16.000 SQFT 1.000 LS 1.000 LS SED SURVEYING AND STAKING 1.000 LS STAIN	
Section 0047 MSE Wall 2 4760 4770 Section 0047 Section 0048 Roadway I1 4780 4780 4800	A9424 Aesthetic Items - JSU0076 7033009 AESTHETIC CONCRETE 7201100 FORM LINERS FOR MS Total Total Total Cems - JSU0114 6161005 CONSTRUCTION SIGNS 6181000 MOBILIZATION 6274000 CONTRACTOR FURNISH 7033009 AESTHETIC CONCRETE 7034620 FORM LINERS	1.000 LS STAIN 4.000 SQYD SE WALL SYSTEMS 16.000 SQFT 1.000 LS 1.000 LS SED SURVEYING AND STAKING 1.000 LS STAIN	

Item Total \$1,800.00

DBE List Summary

Project: I 44-2(335)

Bidder ID: 0033335

Bid Total: 1,800.00

Business Name: MoDOT

Goal: 7.00% (126.00)

Name

Total Entered: 0.00% (0.00)

Supp?/Dist? Item Count Amount Is Complete?

DBE CERTIFICATION

- (6) Trainees: (Applies to Federal Projects only) The number of trainee hours provided under this contract will be 4 slots at 1000 hours per slot or 4000 hours.
- (7) Bidder's Certification for DBE Program and Contract Goal

(Applies to Federal Projects only.)

- (A) DBE Contract Goal: By submitting this bid, the bidder certifies that the bidder is familiar with the DBE Program Requirements in the General Provisions. The contract goal for the amount of work to be awarded is 7.00 % of the total federal project price. The bidder shall also complete the DBE Identification Submittal form in accordance with the General Provisions. This form is available on MoDOT's Website, www.modot.org on the Bid Opening Info page of the Contractor Resources site.
- (B) DBE Participation: The bidder certifies that it will utilize DBE's as follows:

% OF TOTAL FEDERAL CONTRACT

NOTE: Bidder must fill in the above blank. If no percentage is specified, the bidder certifies that it agrees to and will comply with the contract goal. If a percentage below the contract goal is specified, then the bidder must submit complete documentation of good faith efforts to meet the DBE contract goal, immediately below.

The DBE Identification Submittal form will be submitted via

(C) Certification of Good Faith Efforts to Obtain DBE Participation: By submitting its signed bid, the bidder certifies under penalty of perjury and other provisions of law, that the bidder took each of the following steps to try to obtain sufficient DBE participation to achieve the Commission's proposed DBE Contract Goal:

CONTRACT PROVISIONS

(8a) ACCEPTANCE OF PROVISION FOR PRICE ADJUSTMENT FOR FUEL: Bidders have the option to accept the provision for Price Adjustment for Fuel in accordance with Sec. 109.14. The bidder must select "Yes" for those items of work in which they choose to accept the provision. No price adjustments will be made, due to fuel price changes, for bidders who do not accept this provision. This provision does not apply to Seal Coat.

EXCAVATION PRODUCTION

ASPHALT PAVING PRODUCTION AND HAULING

CONCRETE PAVING PRODUCTION AND HAULING

AGGREGATE BASE HAULING

(8b) ACCEPTANCE FOR PROVISION FOR ASPHALT CEMENT PRICE INDEX, SEAL COAT PRICE INDEX, ASPHALT UNDERSEAL PRICE INDEX, OR POLYMER MODIFIED EMULSION MEMBRANE PRICE INDEX: Bidders have the option to accept the provision for Asphalt Cement Price Index, Seal Coat Price Index, Asphalt Underseal Price Index, and/or Polymer Modified Emulsion Membrane Price Index (when used in conjunction with an Ultrathin Bonded Asphalt Wearing Surface treatment) in accordance with Sec 109.15. The bidder must mark each box below if they choose to accept the provision. No price adjustments will be made, due to asphalt price changes, for bidders who do not accept this provision.

ASPHALT CEMENT

SEAL COAT

ASPHALT UNDERSEAL

POLYMER MODIFIED EMULSION MEMBRANE (UBAWS)

(9) MAXIMUM MONETARY VALUE OF AWARDS ACCEPTED THIS BID OPENING: Bidders have the option to specify the maximum monetary value of awards that they will accept for the total of all bids they have submitted in the bid opening, Sec 102.7.2. If the bidder is submitting only one bid, or if the bidder does not want to specify a maximum monetary value for submitted bids, this section should not be completed. If a submitted bid upon correction exceeds the indicated maximum monetary amount, the bid may be declared non-responsive. If a bidder's submitted bids show different values for the maximum monetary value, the lowest value will govern.

MAXIMUM MONETARY VALUE OF AWARDS ACCEPTED THIS BID OPENING

(Note: This amount should be entered in only one of the bids for this bid opening, but should cover all bids submitted).

- (10) COMBINATION BIDS: (Applies only if combination bids are specified. See cover and/or notice to contractor(s).) Combination bids will be in accordance with Sec 102.12. By selecting "All or None" the bidder desires to combine all projects in accordance with Sec 102.12.2.1.
- (11a) CERTIFICATIONS FOR FEDERAL JOBS: (Applies to Federal Projects only.) By signing and submitting this bid, the bidder makes the certifications appearing in Sec. 102.18.1 (regarding affirmative action and equal opportunity), Sec. 102.18.2 (regarding disbarment, eligibility, indictments, convictions, or civil judgments), Sec. 102.18.3 (regarding anti-collusion), and Sec. 102.18.4 (regarding lobbying activities). Any necessary documentation is to accompany the bid submission, as required by these sections. As provided in Sec. 108.13, the Commission may terminate the contract for acts of misconduct, which limited to fraud, includes but is not dishonesty and misrepresentation or omission of fact within the bid submission.
- (11b) CERTIFICATIONS FOR STATE JOBS: (Applies to State Projects only.) By signing and submitting this bid, the bidder makes the certifications appearing in Sec. 102.18.2 (regarding diseligibility, indictments, convictions, or civil judgments), Sec. 102.18.3 (regarding anti-collusion), and Sec. 102.18.5 (regarding Missouri Domestic Products Procurement Act).

Any necessary documentation is to accompany the bid submission, as required by these sections. As provided in Sec. 108.13, the Commission may terminate the contract for acts of misconduct, which includes but is not limited to fraud, dishonesty, and material misrepresentation or omission of fact within the bid submission.

Does the bidder make certification for the above items listed in 11(a) or 11 (b)? Yes \bigcirc No \bigcirc

By selecting "No" the bidder REFUSES to make one or more certifications for the above items 11a or 11b. The bidder shall provide a statement of explanation for the refusal in the space below or by fax to the Design Division @ Fax no. 573-522-2281.

(12) ANTIDISCRIMINATION: The Commission hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, businesses owned and controlled by socially and economically disadvantaged individuals will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, religion, creed, sex, age, ancestry, or national

origin in consideration for an award.

(13) PREFERENCE TO MISSOURI FIRMS IN AWARDING OF CONTRACTS: (Applies to State Projects only.) The bidder's attention is directed to Sections 34.073 and 34.076 RSMo, et seq, which requires that preference be given in awarding contracts to firms, corporations, or individuals doing business as Missouri firms, corporations, or individuals, or which maintain Missouri offices or places of business, when the quality of performance promised is equal, or better, and the price quoted is the same, or less.

The law also requires that a contractor or bidder domiciled outside the State of Missouri shall be required, in order to be the successful bidder, to submit a bid which is the same percent less than the lowest bid submitted by a responsible contractor or bidder domiciled in Missouri as would be required for the Missouri domiciled contractor or bidder to succeed over the bidding contractor or bidder domiciled outside Missouri in a like contract or bid being let in his domiciliary state. A contractor or bidder domiciled outside Missouri shall also be required to submit an audited financial statement as would be required of a Missouri domiciled contractor or bidder on a like contract or bid being let in the domiciliary state of that contractor or bidder.

For firms, corporations or individuals domiciled outside the State of Missouri, it is requested they submit the following information:

List the state of domicile

List address of all Missouri offices or places of business

I acknowledge that I have read, understand and completed the above Contract Provisions.

SUBCONTRACTOR DISCLOSURE

(14) SUBCONTRACTOR DISCLOSURE The bidder shall submit with this bid any subcontracts that meet the requirements of Sec 102. List below the name of each subcontractor that will be furnishing labor, labor and materials, the category of work that the subcontractor will be performing (e.g. asphalt, concrete, earthwork, bridges...), and the dollar value of the subcontract. Select "NONE" if there are no subcontractors that need to be disclosed.

If the information is not available at the time of bid, the bidder shall submit the "Subcontractor Disclosure Form", located on MoDOT's website, on or before 4:00 p.m. of the third business day after the bid opening date, directly to the Design Division, Missouri Department of Transportation, 105 W. Capitol Avenue, P.O. Box 270, Jefferson City, Missouri 65102-0270. Telefax transmittal to MoDOT will be permitted at fax no. 573-522-2281 or emailed to subcontractor.disclosure@modot.mo.gov. The complete signed original documents do not need to be mailed to MoDOT, but the bidder shall have it available if

requested by the Design Division or the engineer. SUBCONTRACTOR NAME: DOLLAR VALUE: \$ CATEGORY OF WORK: SUBCONTRACTOR NAME: DOLLAR VALUE: \$ CATEGORY OF WORK: SUBCONTRACTOR NAME: DOLLAR VALUE: \$ CATEGORY OF WORK:

SUBCONTRACTOR NAME:

DOLLAR VALUE: \$

CATEGORY OF WORK:

SUBCONTRACTOR NAME:

DOLLAR VALUE: \$

CATEGORY OF WORK:

SUBCONTRACTOR NAME:

DOLLAR VALUE: \$

CATEGORY OF WORK:

SUBCONTRACTOR NAME:

DOLLAR VALUE: \$

CATEGORY OF WORK:

SUBCONTRACTOR NAME:

DOLLAR VALUE: \$

CATEGORY OF WORK:

SUBCONTRACTOR NAME:

DOLLAR VALUE: \$

CATEGORY OF WORK:

Submitted:

SIGNATURE AND IDENTITY OF BIDDER

(15) SIGNATURE AND IDENTITY OF BIDDER

BY SUBMITTING THIS BID ELECTRONICALLY, I HEREBY ACKNOWLEDGE THAT ALL REQUIREMENTS INCLUDED IN THE HARD COPY REQUEST FOR BID, AND AMENDMENTS ARE A PART OF THIS BID AND CONTRACT.

*** AN ELECTRONIC PROPOSAL SUBMITTED AND SIGNED WITH A DIGITAL ID, UNDER THE PROVISION OF THE MISSOURI DEPARTMENT OF TRANSPORTATION, WILL BE CONSIDERED VALID AND BINDING. ***

THE BIDDER CERTIFIES THAT THE BIDDER AND ITS OFFICIALS, AGENTS, AND EMPLOYEES HAVE NEITHER DIRECTLY NOR INDIRECTLY ENTERED INTO ANY AGREEMENT, PARTICIPATED IN ANY COLLUSION, OR OTHERWISE TAKEN ANY ACTION IN RESTRAINT OF FREE COMPETITIVE BIDDING IN CONNECTION WITH THIS BID, AND THAT THE BIDDER INTENDS TO PERFORM THE WORK WITH ITS OWN BONAFIDE EMPLOYEES AND SUBCONTRACTORS, AND DID NOT BID FOR THE BENEFIT OF ANOTHER CONTRACTOR.

THE BIDDER CERTIFIES THAT THE BIDDER'S COMPANY KNOWINGLY EMPLOYS ONLY INDIVIDUALS WHO ARE AUTHORIZED TO WORK IN THE UNITED STATES IN ACCORDANCE WITH APPLICABLE FEDERAL AND STATE LAWS AND ALL PROVISIONS OF MISSOURI EXECUTIVE ORDER NO. 07-13 FOR CONTRACTS WITH THE MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION, ACTING THROUGH THE MISSOURI DEPARTMENT OF TRANSPORTATION.

THE BIDDER ACKNOWLEDGES THAT THIS IS AN UNSWORN DECLARATION, EXECUTED UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE UNITED STATES AND/OR FALSE DECLARATION UNDER THE LAWS OF MISSOURI, AND ANY OTHER APPLICABLE STATE OR FEDERAL LAWS. THE FAILURE TO PROVIDE THIS CERTIFICATION IN THIS BID MAY MAKE THIS BID NON-RESPONSIVE, AND CAUSE IT TO BE REJECTED.

Yes No

Select "No" ONLY if the bidder REFUSES to make this certification. The bidder may provide an explanation for the refusal with this submittal in the space below or by fax to the Design Division @ fax no. 573-522-2281.

USE OF ANOTHER PERSON'S DIGITAL ID IN THIS BIDDING PROCESS VIOLATES THE LAWS OF MISSOURI.

I acknowledge that I have read, understood and completed the above Electronic Bid Submission Certification.

BID BOND

(16) BID GUARANTY: The bidder shall submit a Bid Guaranty meeting the requirements of Section 102 of the Missouri Standard Specifications for Highway Construction. MoDOT's bid bond forms are available on MoDOT's website.

Annual bid bonds shall be submitted to MoDOT by June 15th of each year. If utilizing a paper annual or project specific bid bond as a Bid Guaranty

for this project the bidder shall mark the box below.

**Pay by: Paper Annual or Project Specific Bid Bond.

If submitting a cashier's/certified check, the Bid Bond folder will not turn green.

ELECTRONIC BID BOND

The bidder shall complete the following bond verification process if utilizing an electronic project bid bond or electronic annual bid bond as a Bid Guaranty for this project.

**Bond ID: Verify Clear

**Surety Registry Agency:

**Bond Pct:

Surety State:

FIELDS WITH THE ** INDICATOR ARE REQUIRED FIELDS IF SUBMITTING YOUR BID VIA BID EXPRESS