

**STATE OF MISSOURI
HIGHWAYS and TRANSPORTATION COMMISSION**

JEFFERSON CITY, MISSOURI

CONSTRUCTING OR IMPROVING
Contract I.D. 210521-F01

THIS JOB SHALL BE CONSTRUCTED UNDER
FEDERAL PROJECT NUMBER(S): FAF-100-1(70)(80)(81)
Job J6S1718 Route 100 ST LOUIS County
Job J6S1718B Route 100 ST LOUIS County
Job J6S1718C Route 100 ST LOUIS 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 non-responsive 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
- d) Not obtaining a digital ID in advance of the letting
(obtaining a digital ID may take 5 business days)

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 05/21/2021.

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 J6S1718 Route 100 ST LOUIS County. Pavement, ADA, Signal and Drainage improvements from Big Bend Road to Lindbergh Boulevard, the total length of improvement being 4.657 miles.****(2): Job J6S1718B Route 100 ST LOUIS County. Pedestrian Trail, Underpass & Sanitary Sewer from Bremerton to Black Creek, the total length of improvement being 1.87 miles.****(3): Job J6S1718C Route 100 ST LOUIS County. Pedestrian and Streetscape enhancements from Kenmore Drive to Lindbergh, the total length of improvement being 0.841 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 Missouri Highways and Transportation Commission's "Missouri Standard Specifications for Highway Construction, 2020," and "Missouri Standard Plans for Highway Construction, 2020", 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 - J6S1718					
0010	2022010	1.000	LS		
	REMOVAL OF IMPROVEMENTS				
0020	2031000	596.000	CUYD		
	CLASS A EXCAVATION				
0030	2035500	106.000	CUYD		
	EMBANKMENT IN PLACE				
0040	2036000	477.000	CUYD		
	COMPACTING EMBANKMENT				
0050	2037075	2.000	STA		
	COMPACTING IN CUT				
0060	2071000	403.500	STA		
	LINEAR GRADING CLASS 1				
0070	3040504	60618.000	SQYD		
	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)				
0080	4011209	1248.300	TONS		
	BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1)				
0090	4013000	3242.400	TONS		
	BITUMINOUS PAVEMENT MIXTURE PG64-22 (BASE)				
0100	4030109	12462.400	TONS		
	ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP125CLP MIX)				
0110	4030208	14886.200	TONS		
	ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP190C MIX)				
0120	4071005	31850.000	GAL		
	TACK COAT				
0130	5021107	7894.000	SQYD		
	CONCRETE PAVEMENT (7 IN. NON-REINF)				
0140	5021109	2377.400	SQYD		
	CONCRETE PAVEMENT (9 IN. NON-REINF)				
0150	5041000	481.700	SQYD		
	CONCRETE APPROACH PAVEMENT				
0160	6071102	424.000	LF		
	MODIFIED CONCRETE GUTTER TYPE B				
0170	6079903	733.000	LF		
	MISC. 48 " Decorative Pedestrian Fence (Structures)				
0180	6081012	2477.000	SQFT		
	TRUNCATED DOMES				
0190	6083008	1535.200	SQYD		
	8 IN. CONCRETE MEDIAN STRIP				
0200	6084023	424.000	LF		
	SIDEWALK HAND-RAILING WITHOUT BALUSTERS				
0210	6085007	14086.900	SQYD		
	PAVED APPROACH, 7 IN.				
0220	6086004	14425.900	SQYD		
	CONCRETE SIDEWALK, 4 IN.				
0230	6086008	182.700	SQYD		
	CONCRETE SIDEWALK, 8 IN.				
0240	6089901	1.000	LS		

MISC. STAIRS AND HANDRAILS AT CURB RAMP 72

0250	6089902	153.000 EA	MISC. CONCRETE CURB RAMP (7 IN. THICK)
0260	6091010	14712.000 LF	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S
0270	6091052	17779.000 LF	CURB AND GUTTER TYPE B
0280	6092011	1311.000 LF	INTEGRAL CURB (6 IN. HEIGHT AND UNDER) TYPE A
0290	6092012	3878.000 LF	INTEGRAL CURB (6 IN. HEIGHT AND UNDER) TYPE B
0300	6099903	873.000 LF	MISC. MODIFIED CURB
0310	6099903	774.000 LF	MISC. MODIFIED CURB TYPE A
0320	6113020	716.000 CUYD	FURNISHING TYPE 2 ROCK BLANKET
0330	6113040	716.000 CUYD	PLACING TYPE 2 ROCK BLANKET
0340	6131010	304.000 SQYD	FURNISHING AND PLACING CONCRETE MATERIAL FOR FULL DEPTH PAVEMENT REPAIR
0350	6131012	304.000 SQYD	SUBGRADE COMPACTION (6 IN. DEPTH) (PAVEMENT REPAIR)
0360	6131013	304.000 SQYD	TYPE 1 OR 5 AGGREGATE FOR BASE (4 IN. THICK) (PAVEMENT REPAIR)
0370	6131014	1266.000 LF	FULL DEPTH PAVEMENT REPAIR SAW CUT (FOR PERIMETER AND INTERNAL SAW CUTS)
0380	6131015	760.000 EA	DOWEL BAR (DRILLING, FURNISHING AND INSTALLATION) FOR FULL DEPTH PAVEMENT REPAIR
0390	6131017	380.000 EA	DOWEL BAR (FURNISHING AND INSTALLATION WITH BASKETS) FOR FULL DEPTH PAVEMENT REPAIR
0400	6161005	2102.000 SQFT	CONSTRUCTION SIGNS
0410	6161008	87.000 EA	ADVANCED WARNING RAIL SYSTEM
0420	6161009	39.000 EA	FLAG ASSEMBLY
0430	6169901	1.000 LS	MISC. TEMPORARY TRAFFIC CONTROL
0440	6169901	1.000 LS	MISC. TRAFFIC SIGNAL MAINTENANCE AND PROGRAMMING
0450	6169902	6.000 EA	MISC. NTCIP COMPLIANT CHANGEABLE MESSAGE SIGN (CONTRACTOR FURNISHED AND RETAINED)
0460	6173101	33.000 LF	CONCRETE TRAFFIC BARRIER, TYPE D (MODIFIED)
0470	6173600D	1450.000 LF	TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED / RETAINED
0480	6175010A	1260.000 LF	RELOCATING TEMPORARY TRAFFIC BARRIER

0490	6179902	9.000 EA	MISC. CONCRETE BARRIER HEIGHT TRANSITION
0500	6181000	1.000 LS	MOBILIZATION
0510	6200015	2680.000 LF	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE
0520	6200021	83.000 EA	PREFORMED THERMOPLASTIC PAVEMENT MARKING, LEFT/RIGHT ARROW
0530	6200027	11.000 EA	PREFORMED THERMOPLASTIC PAVEMENT MARKING, COMBINATION STR/LT/RT
0540	6200036	7.000 EA	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 30 IN WHITE MIDBLOCK
0550	6200042	24.000 EA	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 12 IN WHITE, YIELD LINE TRIANGLES
0560	6205901A	64692.000 LF	4 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS
0570	6205902A	82056.000 LF	6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS
0580	6206000C	2401.000 LF	4 IN. WHITE STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS
0590	6206125A	258.000 LF	24 IN. YELLOW STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS
0600	6206150A	72.000 LF	4 IN. WHITE ACRYLIC COPOLYMER FAST DRY PAVEMENT MARKING PAINT
0610	6206151A	168.000 LF	4 IN. YELLOW ACRYLIC COPOLYMER FAST DRY PAVEMENT MARKING PAINT
0620	6207001	17981.000 LF	PAVEMENT MARKING REMOVAL
0630	6209902	37.000 EA	MISC. PARKING BLOCK
0640	6221001	2366.000 SQYD	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)
0650	6221003	120693.000 SQYD	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (GREATER THAN 3 IN. THICK)
0660	6240104A	1182.000 SQYD	SEPARATION GEOTEXTILE
0670	6274000	1.000 LS	CONTRACTOR FURNISHED SURVEYING AND STAKING
0680	7201000	2272.000 SQFT	MECHANICALLY STABILIZED EARTH WALL SYSTEMS
0690	7209904	135.000 SQFT	MISC. RE-CONSTRUCT WALL IN PLACE
0700	7209904	2277.000 SQFT	MISC. SMALL BLOCK WALL
0710	8031000A	17974.000 SQYD	TURF TYPE TALL FESCUE SODDING
0720	8059919	1.000 ACRE	MISC. FERTILIZER, SEEDING, AND MULCHING
0730	8061006	6.000 LF	ALTERNATE DITCH CHECK
0740	8061007A	204.000 EA	

CURB INLET CHECK

0750	8061016	370.000	CUYD
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SEDIMENT REMOVAL

0760	8061017	2.000	ACRE
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TEMPORARY SEEDING AND MULCHING

0770	8061019	17312.000	LF
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SILT FENCE

0780	8061050	456.000	LF
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TYPE C BERM

Section 0001 Total

Section 0002

LIGHTING ITEMS - J6S1718

0790	9011010	2.000	EA
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RELOCATED POLE

0800	9011030	12.000	EA
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LIGHTING POLE, 30 FT. OR 9.0 M, TYPE AT

0810	9011115	12.000	EA
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BRACKET ARM, 15 FT. OR 4.6 M

0820	9011311	25.000	EA
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LUMINAIRE, LED-A

0830	9013002	92.000	LF
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CONDUIT, 2 IN. RIGID, IN TRENCH

0840	9014004	309.000	LF
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CONDUIT, 4 IN. RIGID, PUSHED

0850	9015010	89.000	LF
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TRENCHING TYPE I

0860	9017110	2500.000	LF
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CABLE, 10 AWG 1 CONDUCTOR, POLE AND BRACKET

0870	9017407	570.000	LF
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CABLE-CONDUIT, 1 IN., 2 CONDUCTORS AND 1 BARE NEUTRAL, 8 AWG

0880	9018230	12.000	EA
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POLE FOUNDATION (30 FT. OR 9.0 M MOUNTING HEIGHT)

0890	9018612	7.000	EA
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POWER SUPPLY ASSEMBLY, TYPE 2, 240/120 VOLT SERVICE, LIGHTING ONLY

0900	9019902	2.000	EA
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MISC. REMOVE AND RELOCATE PRIVATELY-OWNED LIGHT POLE

Section 0002 Total

Section 0003

SIGNAL ITEMS - J6S1718

0910	9020115	1.000	EA
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SIGNAL HEAD, TYPE 5T

0920	9020211	52.000	EA
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SIGNAL HEAD, TYPE 1S

0930	9020213	6.000	EA
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SIGNAL HEAD, TYPE 3S

0940	9020214	6.000	EA
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SIGNAL HEAD, TYPE 4S

0950	9020215	3.000 EA	SIGNAL HEAD, TYPE 5S
0960	9020513	30.000 EA	SIGNAL HEAD, TYPE 3B
0970	9020514	11.000 EA	SIGNAL HEAD, TYPE 4B
0980	9020515	2.000 EA	SIGNAL HEAD, TYPE 5B
0990	9020834	40.000 EA	SIGNAL SIGN, MOUNTING HARDWARE
1000	9022708	31.000 EA	POST, SIGNAL 8 FT. OR 2.4 M
1010	9022715	4.000 EA	POST, SIGNAL 15 FT. OR 4.6 M
1020	9023120	1.000 EA	POST, TYPE CL, 20 FT. ARM OR 6.1 M ARM
1030	9023125	2.000 EA	POST, TYPE CL, 25 FT. ARM OR 7.6 M ARM
1040	9023130	2.000 EA	POST, TYPE CL, 30 FT. ARM OR 9.1 M ARM
1050	9023135	1.000 EA	POST, TYPE CL, 35 FT. ARM OR 10.7 M ARM
1060	9023140	5.000 EA	POST, TYPE CL, 40 FT. ARM OR 12.2 M ARM
1070	9023150	1.000 EA	POST, TYPE CL, 50 FT. ARM OR 15.2 M ARM
1080	9023435	1.000 EA	POST, TYPE BL, LONGEST ARM 35 FT. OR 10.7 M
1090	9023455	1.000 EA	POST, TYPE BL, LONGEST ARM 55 FT.
1100	9024283	5.000 EA	CONTROLLER ASSEMBLY HOUSING, NEMA TS2 CONTROLLER
1110	9024975	7.000 EA	VIDEO DETECTION SYSTEM
1120	9025020	30.000 LF	CONDUIT, 1 IN., LOOP DETECTOR WITH TRACER WIRE
1130	9025200	1840.000 LF	CONDUIT, 2 IN., TRENCH WITH TRACER WIRE
1140	9025300	700.000 LF	CONDUIT, 3 IN., TRENCH WITH TRACER WIRE
1150	9025400	330.000 LF	CONDUIT, 4 IN., TRENCH WITH TRACER WIRE
1160	9027200	480.000 LF	CONDUIT, 2 IN., PUSHED WITH TRACER WIRE
1170	9027300	100.000 LF	CONDUIT, 3 IN., PUSHED WITH TRACER WIRE
1180	9027400	1130.000 LF	CONDUIT, 4 IN., PUSHED WITH TRACER WIRE
1190	9027502	30.000 LF	CONDUIT, 2 IN., EXTERNAL ON STRUCTURE
1200	9028204	300.000 LF	

		CABLE, 4 AWG 1 CONDUCTOR, POWER	
1210	9028302	2380.000 LF	
		CABLE, 12 AWG 2 CONDUCTOR	
1220	9028308	8290.000 LF	
		CABLE, 16 AWG 2 CONDUCTOR	
1230	9028310	8360.000 LF	
		CABLE, 16 AWG 5 CONDUCTOR	
1240	9028311	12210.000 LF	
		CABLE, 16 AWG 7 CONDUCTOR	
1250	9028611	1.000 EA	
		POWER SUPPLY ASSEMBLY, TYPE 1 WITH 120V LIGHTING CONTROL CABINET	
1260	9028621	2.000 EA	
		POWER SUPPLY ASSEMBLY, TYPE-2 WITH 120V LIGHTING CONTROL CABINET	
1270	9028810	6.000 EA	
		PULL BOX, PREFORMED CLASS 1	
1280	9028811	11.000 EA	
		PULL BOX, PREFORMED CLASS 2	
1290	9028812	5.000 EA	
		PULL BOX, PREFORMED CLASS 3	
1300	9028821	3.000 EA	
		PULL BOX, CONCRETE, DOUBLE, TYPE A	
1310	9029100	69.400 CUYD	
		BASE, CONCRETE	
1320	9029902	54.000 EA	
		MISC. AUDIBLE PEDESTRIAN PUSH BUTTONS AND SIGNING	
1330	9029902	7.000 EA	
		MISC. NETWORK CONNECTED SIGNAL MONITOR	
1340	9029902	7.000 EA	
		MISC. RECTANGULAR RAPID FLASHING BEACON	

Section 0003 Total

Section 0004

SIGNING ITEMS - J6S1718

1350	9031010	8.800 CUYD	
		CONCRETE FOOTINGS, EMBEDDED	
1360	9031220	5590.000 LB	
		PIPE POSTS	
1370	9031241	24.000 EA	
		BREAKAWAY ASSEMBLY (PERFORATED SQUARE STEEL TUBE)	
1380	9031250A	84.000 LF	
		U-CHANNEL POST, 3 LB	
1390	9031260	46.000 LF	
		WOOD POST, 4 IN. BY 4 IN.	
1400	9031261	28.000 LF	
		WOOD POST, 4 IN. BY 6 IN.	
1410	9031270A	2507.000 LF	
		2 IN. PSST POST - 12 GA.	
1420	9031271	582.000 LF	
		POST ANCHOR FOR 2 IN. PSST - 12 GA.	
1430	9035004A	2005.000 SQFT	

SH-FLAT SHEET

Section 0004 Total

Section 0005

DRAINAGE ITEMS - J6S1718

1440	2063000	14695.000	CUYD
	CLASS 3 EXCAVATION		
1450	2063500	3.000	EA
	CULVERT CLEANOUT		
1460	6149902	1.000	EA
	MISC. ADA COMPLIANT GRATE		
1470	7250312A	25.000	LF
	12 IN. PIPE GROUP B		
1480	7250315A	2420.000	LF
	15 IN. PIPE GROUP B		
1490	7250318A	5456.000	LF
	18 IN. PIPE GROUP B		
1500	7250321A	310.000	LF
	21 IN. PIPE GROUP B		
1510	7250324A	1102.000	LF
	24 IN. PIPE GROUP B		
1520	7250330A	154.000	LF
	30 IN. PIPE GROUP B		
1530	7250336A	493.000	LF
	36 IN. PIPE GROUP B		
1540	7259902	1.000	EA
	MISC. 8" CLEANOUT		
1550	7259903	5.000	LF
	MISC. 8" PVC PIPE		
1560	7259903	141.000	LF
	MISC. CLASS III RCP PIPE - 15"		
1570	7259903	169.000	LF
	MISC. CLASS III RCP PIPE - 18"		
1580	7259903	12.000	LF
	MISC. CLASS III RCP PIPE - 21"		
1590	7261015	271.000	LF
	15 IN. PIPE GROUP A		
1600	7261018	1272.000	LF
	18 IN. PIPE GROUP A		
1610	7261021	124.000	LF
	21 IN. PIPE GROUP A		
1620	7261024	383.000	LF
	24 IN. PIPE GROUP A		
1630	7261030	166.000	LF
	30 IN. PIPE GROUP A		
1640	7261036	183.000	LF
	36 IN. PIPE GROUP A		
1650	7269902	3.000	EA
	MISC. MSD STANDARD CONNECTION TO LARGE SEWERS		
1660	7319902	2.000	EA

		MISC. REPLACE EXISTING INLET TOP WITH MAHNOLE FRAME AND LOCKING COVER	
1670	7319902	9.000 EA	
		MISC. REPLACE EXISTING INLET TOP WITH MANHOLE FRAME AND COVER	
1680	7319902	3.000 EA	
		MISC. REPLACE EXISTING MANHOLE COVER WITH LOCKING COVER	
1690	7319902	20.000 EA	
		MISC. TBR&R PER MSD INSPECTOR	
1700	7319903	8.000 LF	
		MISC. MSC PCC DOUBLE TRAPPED STEET INLET	
1710	7319903	155.000 LF	
		MISC. MSD PCC 2 GRATE INLET WITH SIDE INTAKE - 48" BASE	
1720	7319903	46.000 LF	
		MISC. MSD PCC 2 GRATE INLET WITH SIDE INTAKE - 60" BASE	
1730	7319903	27.000 LF	
		MISC. MSD PCC 2 GRATE STEET INLET - 48" BASE	
1740	7319903	6.000 LF	
		MISC. MSD PCC 42" SHORT TOP MANHOLE	
1750	7319903	249.000 LF	
		MISC. MSD PCC 48" MANHOLE	
1760	7319903	45.000 LF	
		MISC. MSD PCC 48" MANHOLE WITH LOCKING COVER	
1770	7319903	50.000 LF	
		MISC. MSD PCC 60" MANHOLE	
1780	7319903	19.000 LF	
		MISC. MSD PCC 60" MANHOLE WITH LOCKING COVER	
1790	7319903	6.000 LF	
		MISC. MSD PCC 72" MANHOLE WITH LOCKING COVER	
1800	7319903	5.000 LF	
		MISC. MSD PCC AREA INLET - 4 SIDES	
1810	7319903	313.000 LF	
		MISC. MSD PCC DOUBLE STREET INLET	
1820	7319903	167.000 LF	
		MISC. MSD PCC SINGLE STREET INLET - 48" BASE	
1830	7319903	53.000 LF	
		MISC. MSD PCC SINGLE STREET INLET - 60" BASE	
1840	7319903	5.000 LF	
		MISC. MSD PCC TRAPPED 2 GRATE INLET WITH SIDE INTAKE - 48" BASE	

Section 0005 Total

Section 0006

UTILITY ITEMS - J6S1718

1850	6039902	81.000 EA	
		WATER ADJUSTING WATER VALVE	
1860	6039902	44.000 EA	
		WATER RELOCATING SERVICE CONNECTIONS (CLASS 5) (3 IN. OR LESS)	
1870	6039932	127.000 EA	
		GAS ADJUSTING GAS VALVE	
1880	6042010	165.000 EA	
		ADJUSTING MANHOLE	
1890	6042020	34.000 EA	

ADJUSTING BASIN OR INLET

Section 0006 Total

Section 0007

ST LOUIS COUNTY ITEMS - J6S1718

1900	9029901	1.000 LS	MISC. Relocate Video Detection System
1910	9029902	2.000 EA	MISC. 19' Pole, w/38' Mast Arm, Steel
1920	9029902	2.000 EA	MISC. 19' Pole, w/44' Mast Arm, Steel
1930	9029902	4.000 EA	MISC. Base, Type B-9, Concrete
1940	9029902	1.000 EA	MISC. Base, Type C-3, Concrete
1950	9029902	1.000 EA	MISC. Base, Type D-8PH, Concrete
1960	9029902	1.000 EA	MISC. Conduit Repair (locate broken conduit, excavate, remove existing cable, repair/replace conduit, reinstall cable, backfill and restore) (Does not include sidewalk or pavement removal and replacement)
1970	9029902	8.000 EA	MISC. Detector, Pedestrian Push Button, APS, Freezeproof
1980	9029902	1.000 EA	MISC. Post, Signal, w/Sq. Pedestal Base and Post Cap, 10' Total Height, Aluminum
1990	9029902	1.000 EA	MISC. Pull Box, Double, Concrete
2000	9029902	4.000 EA	MISC. Pull Box, Single, Concrete
2010	9029902	8.000 EA	MISC. Signal Head, Type 1S, Pedestrian
2020	9029902	4.000 EA	MISC. Signal Head, Type 34S
2030	9029902	8.000 EA	MISC. Signal Head, Type 3B, Terminal Compartment, and Astro Bracket Mounting
2040	9029902	4.000 EA	MISC. Signal Head, Type 4B, Terminal Compartment, and Astro Bracket Mounting
2050	9029902	4.000 EA	MISC. Signal Head, Type 4S
2060	9029903	200.000 LF	MISC. Cable, Communication, #18 Gauge, 4 Conductor (APS)
2070	9029903	100.000 LF	MISC. Cable, Power, #6 Gauge, 1 Conductor
2080	9029903	180.000 LF	MISC. Cable, Power, Video Detection Camera
2090	9029903	4000.000 LF	MISC. Cable, Push Button and/or Detector Loop Lead-In, #18 Gauge, 2 Conductor (Shielded)
2100	9029903	730.000 LF	MISC. Cable, Signal, #14 Gauge, 5 Conductor

2110	9029903	3610.000 LF
	MISC. Cable, Signal, #14 Gauge, 7 Conductor	
2120	9029903	490.000 LF
	MISC. Conduit, 4"	
2130	9029903	260.000 LF
	MISC. Wire, Stranded Ground, #6 Gauge	

Section 0007 Total

Section 0008

BRIDGE A48441 - J6S1718

2140	2164000	271.000 LF
	CURB REMOVAL	
2150	2165000	134.000 LF
	REMOVAL OF EXISTING EXPANSION JOINT SEAL OR SEALANT	
2160	2169904	676.000 SQFT
	MISC. PARTIAL REMOVAL & REPLACEMENT OF APPROACH SLAB	
2170	2169904	1220.000 SQFT
	MISC. REMOVAL OF EXISTING CANTILEVER SIDEWALK	
2180	6079903	269.000 LF
	MISC. (30 IN.) DECORATIVE PEDESTRIAN FENCE	
2190	6079903	37.000 LF
	MISC. (74.5 IN.) DECORATIVE PEDESTRIAN FENCE	
2200	6233000	1298.000 SQYD
	EPOXY POLYMER WEARING SURFACE	
2210	7034219A	271.000 LF
	TYPE D BARRIER	
2220	7034430	2259.000 SQFT
	SIDEWALK (BRIDGES)	
2230	7040104	50.000 SQFT
	HALF-SOLE REPAIR	
2240	7172054	134.000 LF
	OPEN CELL FOAM JOINT SEAL	

Section 0008 Total

Section 0009

BRIDGE A8717 - J6S1718

2250	2061000	114.000 CUYD
	CLASS 1 EXCAVATION	
2260	2160500	1.000 LS
	REMOVAL OF BRIDGES	
2270	5031010A	418.000 SQYD
	BRIDGE APPROACH SLAB (MAJOR ROAD)	
2280	6079903	265.000 LF
	MISC. DECORATIVE PEDESTRIAN FENCE	
2290	7021212	826.000 LF
	GALVANIZED STRUCTURAL STEEL PILES (12 IN)	
2300	7025001	2.000 EA
	DYNAMIC PILE TESTING	
2310	7027000	28.000 EA

 PILE POINT REINFORCEMENT

2320	7032003	91.000	CUYD	CLASS B CONCRETE (SUBSTRUCTURE)
2330	7034219A	398.000	LF	TYPE D BARRIER
2340	7034221	1201.000	SQYD	SLAB ON CONCRETE NU-GIRDER
2350	7034430	1007.000	SQFT	SIDEWALK (BRIDGES)
2360	7056022	1210.000	LF	NU 43, PRESTRESSED CONCRETE NU-GIRDER
2370	7079903	283.000	LF	MISC. CONDUIT SYSTEM ON STRUCTURE
2380	7123301	6.000	EA	STEEL INTERMEDIATE DIAPHRAGM FOR P/S CONCRETE GIRDERS
2390	7123610	12.000	EA	SLAB DRAIN
2400	7151001	2.000	EA	VERTICAL DRAIN AT END BENTS
2410	7161003	22.000	EA	LAMINATED NEOPRENE BEARING PAD (TAPERED)

 Section 0009 Total

 Section 0010

 ROADWAY ITEMS - J6S1718B

2420	2022010	1.000	LS	REMOVAL OF IMPROVEMENTS
2430	2024027	4.000	SQFT	REMOVAL OF THERMAL SYSTEM INSULATION ACM (FRIABLE)
2440	2024038	15.000	SQFT	REMOVAL OF TRANSITE (CATEGORY II NON-FRIABLE)
2450	2024043	1924.000	SQFT	REMOVAL OF MISCELLANEOUS ACM (NON-FRIABLE)
2460	2024046	627.000	LF	REMOVAL OF CAULKING/GLAZING COMPOUNDS (WINDOWS/DOORS) (CATEGORY II NONFRIABLE)
2470	2024070	310.000	SQFT	REMOVAL OF FLOOR SHEETING ACM ON WOOD (FRIABLE)
2480	2024098	1914.000	SQFT	REMOVAL OF FLOOR TILE AND MASTIC ACM ON CONCRETE (CATEGORY I NON-FRIABLE)
2490	2029950	1.000	LS	DEMOLITION AND REMOVAL OF BUILDINGS DEMOLITION OF 9,700 SF OF BUILDING
2500	2031000	12116.000	CUYD	CLASS A EXCAVATION
2510	2035500	1900.000	CUYD	EMBANKMENT IN PLACE
2520	2036000	1361.000	CUYD	COMPACTING EMBANKMENT
2530	2037075	18.100	STA	COMPACTING IN CUT
2540	2039907	109.000	CUYD	

MISC. AMENDED SOILS			
2550	2039907	2020.000	CUYD
MISC. SOFT SOIL REMEDIATION			
2560	2063000	3403.000	CUYD
CLASS 3 EXCAVATION			
2570	2063300	751.000	CUYD
CLASS 4 EXCAVATION			
2580	2065500	1.000	LS
TEMPORARY SHORING			
2590	3040504	8428.000	SQYD
TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)			
2600	3040506	4095.000	SQYD
TYPE 5 AGGREGATE FOR BASE (6 IN. THICK)			
2610	3049905	216.000	SQYD
MISC. ASTM NO. 2 AGGREGATE 12 IN. THICK			
2620	3049905	216.000	SQYD
MISC. ASTM NO. 57 AGGREGATE 4 IN. THICK			
2630	3049905	216.000	SQYD
MISC. ASTM NO. 8 AGGREGATE 2 IN. THICK			
2640	3049905	450.000	SQYD
MISC. TYPE 5 AGGREGATE FOR BASE (5 IN. THICK)			
2650	4011209	222.400	TONS
BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1)			
2660	4013000	721.600	TONS
BITUMINOUS PAVEMENT MIXTURE PG64-22 (BASE)			
2670	4019905	2887.200	SQYD
MISC. OPTIONAL PAVEMENT			
2680	5021107	1645.000	SQYD
CONCRETE PAVEMENT (7 IN. NON-REINF)			
2690	5021109	1054.600	SQYD
CONCRETE PAVEMENT (9 IN. NON-REINF)			
2700	5029903	987.000	LF
MISC. 12 IN. CONCRETE HEADER			
2710	5029907	5.000	CUYD
MISC. CLASS B CONCRETE (CONCRETE ENCASEMENT)			
2720	6071102	207.000	LF
MODIFIED CONCRETE GUTTER TYPE B			
2730	6079902	1.000	EA
MISC. TEMPORARY DRIVE GATE			
2740	6079903	278.000	LF
MISC. 18" DECORATIVE PEDESTRIAN FENCE (STRUCTURES)			
2750	6079903	684.000	LF
MISC. 48" DECORATIVE PEDESTRIAN FENCE (STRUCTURES)			
2760	6079903	228.000	LF
MISC. 72-INCH TEMPORARY CHAIN LINK FENCE			
2770	6081012	158.000	SQFT
TRUNCATED DOMES			
2780	6083008	18.900	SQYD
8 IN. CONCRETE MEDIAN STRIP			
2790	6084023	81.000	LF
SIDEWALK HAND-RAILING WITHOUT BALUSTERS			

2800	6085007	473.800 SQYD	PAVED APPROACH, 7 IN.
2810	6089901	1.000 LS	MISC. THICKENED SIDEWALK SLAB OVER BOX CULVERT
2820	6089902	19.000 EA	MISC. 7 IN. CONCRETE CURB RAMP (10 FT WIDE)
2830	6089902	24.000 EA	MISC. BANNER POLE
2840	6089902	2.000 EA	MISC. BENCH
2850	6089902	18.000 EA	MISC. STREET SIGN POLES, POWDERCOATED
2860	6089902	74.000 EA	MISC. WARNING AND REGULATORY SIGN POLES, POWDERCOATED
2870	6089902	1.000 EA	MISC. WASTE/RECYCLING RECEPTACLE
2880	6089905	4870.600 SQYD	MISC. 4 IN. CONCRETE SIDEWALK (10 FT WIDE)
2890	6089905	16.200 SQYD	MISC. 4-3/4 INCH CONCRETE MEDIAN STRIP
2900	6089905	634.000 SQYD	MISC. ROGERS PARKWAY CONCRETE PAVERS
2910	6091010	216.000 LF	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S
2920	6091052	542.000 LF	CURB AND GUTTER TYPE B
2930	6092011	570.000 LF	INTEGRAL CURB (6 IN. HEIGHT AND UNDER) TYPE A
2940	6092012	1017.000 LF	INTEGRAL CURB (6 IN. HEIGHT AND UNDER) TYPE B
2950	6099903	500.000 LF	MISC. MODIFIED CURB
2960	6109905	216.000 SQYD	MISC. PERMEABLE INTERLOCKING CONCRETE PAVERS (3-1/8 IN. THICK)
2970	6169901	1.000 LS	MISC. TEMPORARY TRAFFIC CONTROL
2980	6173200	183.000 LF	CONCRETE TRAFFIC BARRIER, TYPE E
2990	6181000	1.000 LS	MOBILIZATION
3000	6206150A	773.000 LF	4 IN. WHITE ACRYLIC COPOLYMER FAST DRY PAVEMENT MARKING PAINT
3010	6206151A	27.000 LF	4 IN. YELLOW ACRYLIC COPOLYMER FAST DRY PAVEMENT MARKING PAINT
3020	6209902	1.000 EA	MISC. ACCESSIBLE PARKING SYMBOL
3030	6221001	1611.000 SQYD	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)
3040	6274000	1.000 LS	CONTRACTOR FURNISHED SURVEYING AND STAKING
3050	7032002	65.400 CUYD	

CLASS B CONCRETE (MISC)		
3060	7032003	51.100 CUYD CLASS B CONCRETE (SUBSTRUCTURE)
3070	7039902	4.000 EA MISC. PEDESTRIAN UNDERPASS CAST STONE MASONRY COLUMN
3080	7039903	36.000 LF MISC. PEDESTRIAN UNDERPASS CAST STONE MASONRY COPING
3090	7039904	196.000 SQFT MISC. PEDESTRIAN UNDERPASS CAST STONE MASONRY FACADE
3100	7039904	1065.000 SQFT MISC. PEDESTRIAN UNDERPASS INTERIOR PAINT
3110	7039904	1022.000 SQFT MISC. PEDESTRIAN UNDERPASS WALL PANEL
3120	7039904	330.000 SQFT MISC. PEDESTRIAN UNDERPASS WAVE PANEL
3130	7101000	1890.000 LB REINFORCING STEEL (EPOXY COATED)
3140	7110300	1.000 LS CONCRETE AND MASONRY PROTECTION SYSTEM
3150	7159902	1.000 EA MISC. VERTICAL DRAIN FOR THREE-SIDED STRUCTURE
3160	7201000	1036.000 SQFT MECHANICALLY STABILIZED EARTH WALL SYSTEMS
3170	7201200	1762.000 CUYD SELECT GRANULAR BACKFILL FOR STRUCTURAL SYSTEMS
3180	7209904	4532.000 SQFT MISC. PRECAST CONCRETE MODULAR BLOCK WALL
3190	7209904	429.000 SQFT MISC. SMALL BLOCK WALL
3200	7339901	1.000 LS MISC. PRECAST CONCRETE STRUCTURE
3210	7339901	1.000 LS MISC. WATERPROOFING MEMBRANE FOR THREE-SIDED STRUCTURE
3220	8031000A	406.000 SQYD TURF TYPE TALL FESCUE SODDING
3230	8039905A	3960.000 SQYD MISC. SODDING
3240	8041000	225.000 CUYD TOPSOIL
3250	8049907A	517.000 CUYD MISC. PLANTING SOIL MIX
3260	8051000A	10.000 ACRE SEEDING - COOL SEASON MIXTURES
3270	8069901	1.000 LS MISC. DEWATERING
3280	8080119	18.000 EA BLACK GUM
3290	8089901	1.000 LS MISC. IRRIGATION SYSTEM
3300	8089902	401.000 EA MISC. ANDORRA CREEPING JUNIPER

3310	8089902	1775.000	EA
	MISC. BALTIMORE ORIOLE DAYLILY		
3320	8089902	588.000	EA
	MISC. BLACK-EYED SUSAN		
3330	8089902	1154.000	EA
	MISC. BLUE GRAMA 'BLOND AMBITION'		
3340	8089902	13.000	EA
	MISC. EASTERN REDBUD		
3350	8089902	63.000	EA
	MISC. FEATHER REED GRASS		
3360	8089902	22.000	EA
	MISC. GINKGO BILOBA		
3370	8089902	116.000	EA
	MISC. GREY OWL JUNIPER		
3380	8089902	382.000	EA
	MISC. GRO-LOW SUMAC		
3390	8089902	521.000	EA
	MISC. HEATH ASTER		
3400	8089902	19.000	EA
	MISC. JAPANESE ZELKOVA		
3410	8089902	8.000	EA
	MISC. KOUSA DOGWOOD		
3420	8089902	890.000	EA
	MISC. LITTLE BLUESTEM		
3430	8089902	103.000	EA
	MISC. NEW JERSEY TEA		
3440	8089902	382.000	EA
	MISC. PRAIRIE DROPSEED		
3450	8089902	6.000	EA
	MISC. RIVER BIRCH		
3460	8089902	3.000	EA
	MISC. SILVER LINDEN		
3470	8089902	626.000	EA
	MISC. THREADLEAF COREOPSIS		
3480	8089902	1588.000	EA
	MISC. WOODLAND PHLOX		
3490	8089902	123.000	EA
	MISC. YELLOW TWIG DOGWOOD		
3500	8089903	147.000	LF
	MISC. LANDSCAPE EDGING		
3510	9039904	519.000	SQFT
	MISC. BLACK VINYL SIGN WRAP		

Section 0010 Total

Section 0011

MGS GUARDRAIL ITEMS - J6S1718B

3520	6061063	50.000	LF
	MGS GUARDRAIL, 6 FT. POSTS, 3 FT. - 1.5 IN. SPACING		
3530	6062204A	1.000	EA

BRIDGE ANCHOR SECTION, 6.5 FT. POSTS (SAFETY BARRIER CURB) (NEW CONSTRUCTION ONLY)

3540	6062300A	1.000 EA
	TRANSITION SECTION, 6.5 FT. POSTS	
3550	6063014	1.000 EA
	TYPE A CRASHWORTHY END TERMINAL (MASH)	

Section 0011 Total

Section 0012

LIGHTING ITEMS - J6S1718B

3560	9012230	6.000 EA
	BASE MOUNTED CONTROL STATION 240 VOLT - 4 CIRCUIT	
3570	9013004	34.000 LF
	CONDUIT, 4 IN. RIGID, IN TRENCH	
3580	9014004	1283.000 LF
	CONDUIT, 4 IN. RIGID, PUSHED	
3590	9015010	9570.000 LF
	TRENCHING TYPE I	
3600	9016110	32.000 EA
	PULL BOX, PREFORMED CLASS 1	
3610	9017407	13160.000 LF
	CABLE-CONDUIT, 1 IN., 2 CONDUCTORS AND 1 BARE NEUTRAL, 8 AWG	
3620	9018612	6.000 EA
	POWER SUPPLY ASSEMBLY, TYPE 2, 240/120 VOLT SERVICE, LIGHTING ONLY POWER SUPPLY ASSEMBLY, TYPE 2, 240/120 VOLT SERVICE, LIGHTING ONLY	
3630	9019902	4.000 EA
	MISC. F1-LED TWIN FIXTURE AND POLE ASSEMBLY AT UNDERPASS	
3640	9019902	4.000 EA
	MISC. F-2 LED UNDERPASS UP/DOWN FIXTURE, 4 FOOT LENGTH	
3650	9019902	18.000 EA
	MISC. F2-LED UNDERPASS UP/DOWN FIXTURE, 8 FOOT LENGTH	
3660	9019902	92.000 EA
	MISC. ORNAMENTAL LIGHT POLE AND LUMINAIRE - BRENTWOOD STREETScape	

Section 0012 Total

Section 0013

SIGNAL ITEMS - J6S1718B

3670	9029902	4.000 EA
	MISC. BLACK POWDER COATED MAST ARM AND SIGNAL POST	
3680	9029902	2.000 EA
	MISC. BLACK POWDER COATED PEDESTRIAN POST	
3690	9029902	8.000 EA
	MISC. DETECTOR, PEDESTRIAN PUSH BUTTON, APS FREEZEPROOF	
3700	9029902	4.000 EA
	MISC. ILLUMINATED STREET SIGN	
3710	9029902	5.000 EA
	MISC. POST, SIGNAL W/SQ PEDESTAL BASE AND POST CAP, 10' TOTAL HEIGHT, ALUMINUM	
3720	9029902	7.000 EA
	MISC. PREFORMED PULL BOX - 17 IN. W X 30 IN. L X 26 IN. MIN. H - REINFORCED POLYMER CONCRETE	

3730	9029903	3800.000 LF	MISC. CABLE, DETECTOR LOOP, #14 GAUGE, 1 CONDUCTOR W/TUBE JACKET (IN SAWED SLOT)
3740	9029903	4980.000 LF	MISC. CABLE, DETECTOR LOOP, #14 GAUGE, 1 CONDUCTOR, W/TUBE JACKET (IN CONDUIT AND PULL BOXES)
3750	9029907	1.400 CUYD	MISC. BASE, TYPE C-3, CONCRETE
3760	9039904	110.000 SQFT	MISC. BLACK VINYL SIGN WRAP, SIGNAL SIGNS

Section 0013 Total

Section 0014

MSD PROJECT 13404-015.1

3770	6039921	1.000 LS	SEWER MOBILIZATION
3780	6039921	1.000 LS	SEWER PROTECTION AND RESTORATION OF SITE
3790	6039922	6.000 EA	SEWER BOTTOM SECT.OF MANHOLE-27" PIPE - 36" PIPE
3800	6039922	2.000 EA	SEWER FOULWATER DROP - 12 INCH PIPE
3810	6039922	5.000 EA	SEWER MANHOLE COVER SEAL
3820	6039922	5.000 EA	SEWER MANHOLE FRAME SEALS
3830	6039923	335.000 LF	SEWER CURB-CONCRETE REM. ADN REP
3840	6039923	257.000 LF	SEWER DUCTILE IRON PIPE SEWER 36 INCH CLASS 52
3850	6039923	120.000 LF	SEWER MANHOLE- STANDARD CONSTRUCTION
3860	6039923	41.000 LF	SEWER PIPE SEWER 12 INCH (SANITARY/COMBINED)
3870	6039923	424.000 LF	SEWER PIPE SEWER 36 INCH (SANITARY/COMBINED)
3880	6039924	544.000 CUYD	SEWER EXCAVATION CLASS "A"(ROCK EXCAVATION) (DEEP SEWER)
3890	6039924	210.000 CUYD	SEWER EXCAVATION CLASS "B" (DEEP SEWER)
3900	6039924	2330.000 CUYD	SEWER EXCAVATION CLASS "C" (DEEP SEWER)
3910	6039924	2394.000 CUYD	SEWER GRANULAR BACKFILL
3920	6039925	444.000 SQYD	SEWER SEEDING
3930	6039925	53.000 SQYD	SEWER SIDEWALKS & DRIVEWAYS CONCRETE- REM AND REP.
3940	6039925	323.000 SQYD	SEWER STREET PVMT-ASPHL CONC SURF & RIGID BASE-REM & REP

Section 0014 Total

Section 0015

DRAINAGE ITEMS - J6S1718B

3950	6049902	2.000 EA	MISC. OBSERVATION WELL
3960	6059903	57.000 LF	MISC. 4" RIGID SCHEDULE 40 PVC
3970	6059903	54.000 LF	MISC. PERFORATED UNDERDRAIN 4" RIGID SCHEDULE 40 PVC
3980	6249905	281.000 SQYD	MISC. MSD TYPE 4 FILTER FABRIC
3990	7250312A	219.000 LF	12 IN. PIPE GROUP B
4000	7250318A	72.000 LF	18 IN. PIPE GROUP B
4010	7250324A	79.000 LF	24 IN. PIPE GROUP B
4020	7250348A	486.000 LF	48 IN. PIPE GROUP B
4030	7259903	114.000 LF	MISC. 10 IN. C-900 PIPE
4040	7259903	32.000 LF	MISC. 12 IN. PIPE GROUP B - PVC
4050	7259903	20.000 LF	MISC. 6 IN. PIPE GROUP B - PVC
4060	7259903	8.000 LF	MISC. 8 IN. C-900 PIPE
4070	7261012	136.000 LF	12 IN. PIPE GROUP A
4080	7261018	38.000 LF	18 IN. PIPE GROUP A
4090	7261048	120.000 LF	48 IN. PIPE GROUP A
4100	7269923	341.000 LF	SEWER 12 IN. CLASS V REINFORCED CONCRETE PIPE CULVERT
4110	7269923	26.000 LF	SEWER 15 IN. CLASS V REINFORCED CONCRETE PIPE CULVERT
4120	7269923	192.000 LF	SEWER 18 IN. CLASS V REINFORCED CONCRETE PIPE CULVERT
4130	7269923	40.000 LF	SEWER 24 IN. CLASS V REINFORCED CONCRETE PIPE CULVERT
4140	7269923	109.000 LF	SEWER 42 IN. CLASS V REINFORCED CONCRETE PIPE CULVERT
4150	7269923	115.000 LF	SEWER 48 IN. CLASS V REINFORCED CONCRETE PIPE CULVERT
4160	7310048	60.000 FT	PRECAST CONCRETE MANHOLE - 48 IN.
4170	7310060	8.000 FT	PRECAST CONCRETE MANHOLE - 60 IN.

4180	7319902	4.000 EA	MISC. 12 IN. DRAIN BASIN WITH PEDESTRIAN GRATE
4190	7319902	3.000 EA	MISC. 42 IN. AREA INLET
4200	7319902	3.000 EA	MISC. 42 IN. CURB INLET
4210	7319902	1.000 EA	MISC. 42 IN. GRATE INLET WITH SIDE INTAKE
4220	7319902	1.000 EA	MISC. 48" HYDRODYNAMIC SEPARATOR
4230	7319902	1.000 EA	MISC. 48" MANHOLE WITH EXTERNAL FOULWATER DROP
4240	7319902	7.000 EA	MISC. 72 IN. MANHOLE WITH 42 IN. REDUCER
4250	7319902	3.000 EA	MISC. 96 IN. MANHOLE WITH 42 IN. REDUCER
4260	7319902	5.000 EA	MISC. DOUBLE CURB INLET
4270	7319903	9.000 LF	MISC. SANITARY 48 IN. MANHOLE

Section 0015 Total

Section 0016

UTILITY ITEMS - J6S1718B

4280	6039902	1.000 EA	WATER ADJUSTING WATER VALVE
4290	6039923	114.000 LF	SEWER 10 IN. PVC
4300	6039923	8.000 LF	SEWER 8 IN. PVC
4310	6039924	5.000 CUYD	SEWER CONCRETE ENCASEMENT CLASS "B" CONCRETE
4320	6039932	2.000 EA	GAS ADJUSTING GAS VALVE
4330	6042010	5.000 EA	ADJUSTING MANHOLE

Section 0016 Total

Section 0017

ROADWAY ITEMS - J6S1718C

4340	2022010	1.000 LS	REMOVAL OF IMPROVEMENTS
4350	2071000	4.600 STA	LINEAR GRADING CLASS 1
4360	3040504	1249.000 SQYD	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)
4370	4011209	37.900 TONS	BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1)
4380	4013000	92.700 TONS	

BITUMINOUS PAVEMENT MIXTURE PG64-22 (BASE)		
4390	4030109	64.300 TONS ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP125CLP MIX)
4400	4030208	37.500 TONS ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP190C MIX)
4410	4071005	175.000 GAL TACK COAT
4420	5021107	360.000 SQYD CONCRETE PAVEMENT (7 IN. NON-REINF)
4430	6071102	79.000 LF MODIFIED CONCRETE GUTTER TYPE B
4440	6079903	336.000 LF MISC. 48" DECORATIVE PEDESTRIAN FENCE (STRUCTURES)
4450	6079903	1159.000 LF MISC. 72-INCH TEMPORARY CHAIN LINK FENCE
4460	6079903	1159.000 LF MISC. GREEN POWDER COATED CHAIN LINK FENCE (48 IN.)
4470	6084023	403.000 LF SIDEWALK HAND-RAILING WITHOUT BALUSTERS
4480	6085007	179.300 SQYD PAVED APPROACH, 7 IN.
4490	6086004	257.000 SQYD CONCRETE SIDEWALK, 4 IN.
4500	6089905	213.300 SQYD MISC. DECORATIVE CONCRETE PAVING
4510	6091010	120.000 LF CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S
4520	6091052	157.000 LF CURB AND GUTTER TYPE B
4530	6099903	11.000 LF MISC. MODIFIED CONCRETE CURB TYPE A
4540	6099903	191.000 LF MISC. MODIFIED CURB
4550	6169901	1.000 LS MISC. TEMPORARY TRAFFIC CONTROL
4560	6181000	1.000 LS MOBILIZATION
4570	6209902	7.000 EA MISC. BIKE LANE ARROW PREFORMED THERMOPLASTIC PAVEMENT MARKING
4580	6209902	7.000 EA MISC. BIKE LANE BIKE PREFORMED THERMOPLASTIC PAVEMENT MARKING
4590	6209902	2.000 EA MISC. SHARED USE SHARROW PREFORMED THERMOPLASTIC PAVEMENT MARKING
4600	6221003	304.000 SQYD COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (GREATER THAN 3 IN. THICK)
4610	6274000	1.000 LS CONTRACTOR FURNISHED SURVEYING AND STAKING
4620	7011103	11.000 LF DRILLED SHAFTS (2 FT. 6 IN. DIA.)
4630	7034214	0.700 CUYD CLASS B-2 CONCRETE

4640	7061000	450.000 LB	REINFORCING STEEL
4650	7201000	1397.000 SQFT	MECHANICALLY STABILIZED EARTH WALL SYSTEMS
4660	7209904	4600.000 SQFT	MISC. PRECAST MODULAR BLOCK WALL
4670	7209904	1606.000 SQFT	MISC. SMALL BLOCK WALL
4680	8080504	24.000 EA	RED OSIER DOGWOOD
4690	8089901	1.000 LS	MISC. VERTICAL GATEWAY MONUMENT
4700	8089902	63.000 EA	MISC. CRIMSON PYGMY BARBERRY
4710	8089902	10.000 EA	MISC. DWARF WINGED BURNING BUSH
4720	8089902	21.000 EA	MISC. ELIJAH BLUE FESCUE
4730	8089902	20.000 EA	MISC. SHAMROCK INKBERRY
4740	8089902	21.000 EA	MISC. SPARTAN JUNIPER
4750	8089902	30.000 EA	MISC. WINTERGREEN BOXWOOD

Section 0017 Total

Section 0018

LIGHTING ITEMS - J6S1718C

4760	9012230	3.000 EA	BASE MOUNTED CONTROL STATION 240 VOLT - 4 CIRCUIT
4770	9013004	20.000 LF	CONDUIT, 4 IN. RIGID, IN TRENCH
4780	9014004	865.000 LF	CONDUIT, 4 IN. RIGID, PUSHED
4790	9015010	8527.000 LF	TRENCHING TYPE I
4800	9016110	15.000 EA	PULL BOX, PREFORMED CLASS 1
4810	9017407	11160.000 LF	CABLE-CONDUIT, 1 IN., 2 CONDUCTORS AND 1 BARE NEUTRAL, 8 AWG
4820	9018612	3.000 EA	POWER SUPPLY ASSEMBLY, TYPE 2, 240/120 VOLT SERVICE, LIGHTING ONLY POWER SUPPLY ASSEMBLY, TYPE 2, 240/120 VOLT SERVICE, LIGHTING ONLY
4830	9019902	94.000 EA	MISC. ORNAMENTAL LIGHT POLE AND LUMINAIRE - KIRKWOOD STREETSCAPING
4840	9019902	9.000 EA	MISC. REMOVE AND RELOCATE PRIVATELY-OWNED LIGHT POLE

Section 0018 Total

DBE List Summary

Project: FAF-100-1(70)

Bidder ID: 0011540

Bid Total: 0.00

Business Name: Company1

Goal: 16.00% (0.00)

Total Entered: 0.00% (0.00)

ID	Name	Is Supplier?	Item Count	Amount	Is Complete?
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DBE CERTIFICATION

(6) Trainees: (Applies to Federal Projects only) The number of trainee hours provided under this contract will be 3 slots at 1000 hours per slot or 3000 hours.

(7) Bidder's Certificaton 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 16.00 % 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

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(Note: This amount should be entered in only one of the bids for this big 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 includes but is not limited to fraud, dishonesty and material 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** **No**

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:

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:

**Surety Registry Agency:

**Bond Pct:

Surety State:

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