

Estimate 29829(04)

Estimated Cost:\$6,764,709.58

Contingency: 0.00%

\$8,370,613.85

Estimated Total: \$6,764,709.58

Base Date: 06/24/21

Spec Year: 19

Unit System: E

Work Type: BRIDGE AND APPROACHES

Highway Type: ASPHALT

Urban/Rural Type: RURAL

Season: SUMMER

County: CREEK

Latitude of Midpoint: 0

Longitude of Midpoint: 0

District: 08000

Federal Project Number:

State Project Number:

Prepared by System Administrator

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0100: ROADWAY

0005	201(A)1200 CLEARING AND GRUBBING	1.00	LS	\$15,000.00	\$20,000.00	\$20,000.00	\$15,000.00
0006	202(A)2200 UNCLASSIFIED EXCAVATION	3,204.00	CY	\$13.00	\$20.00	\$64,080.00	\$41,652.00
0007	202(C)2400 ROCK EXCAVATION	250.00	CY	\$30.00	\$50.00	\$12,500.00	\$7,500.00
0008	202(D)2500 UNCLASSIFIED BORROW	13,711.00	CY	\$15.00	\$20.00	\$274,220.00	\$205,665.00
0009	205(A)6200 TYPE A-SALVAGED TOPSOIL	1.00	LS	\$15,000.00			\$15,000.00
0010	221(B)2300 TEMPORARY SILT FENCE	2,550.00	LF	\$3.00			\$7,650.00
0011	221(E)2600 TEMPORARY SILT DIKE	63.00	LF	\$16.00			\$1,008.00
0012	230(A)7200 SOLID SLAB SODDING	11,227.00	SY	\$5.00			\$56,135.00
0013	233(A)0200 VEGETATIVE MULCHING	3.00	AC	\$1,300.00			\$3,900.00
0014	241 3100 MOWING	5.00	AC	\$375.00			\$1,875.00
0015	303(A)1200 AGGREGATE BASE TYPE A	922.00	CY	\$60.00	\$80.00	\$73,760.00	\$55,320.00
0016	307(K)4200 STABILIZED SUBGRADE	4,507.00	SY	\$8.25			\$37,182.75
0017	326(A)1200 GEOTEXTILE REINFORCEMENT	4,507.00	SY	\$5.50			\$24,788.50
0018	402(E)2600 TRAFFIC BOUND SURFACE COURSE TYPE E	772.00	TON	\$35.00			\$27,020.00
0019	407(B)7300 TACK COAT	614.00	GAL	\$4.00			\$2,456.00
0021	411(B)1330 SUPERPAVE, TYPE S3(PG 64-22 OK)	1,388.00	TON	\$110.00	\$120.00	\$166,560.00	\$152,680.00
0022	411(C)1430 SUPERPAVE, TYPE S4(PG 64-22 OK)	584.00	TON	\$110.00	\$120.00	\$70,080.00	\$64,240.00

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0023	412 3100	729.00	SY	\$13.50	\$9,841.50
COLD MILLING PAVEMENT					
0024	509(D)0500	10.00	CY	\$450.00	\$4,500.00
CLASS C CONCRETE					
0025	619(B)6364	500.00	SY	\$5.00	\$2,500.00
REMOVAL OF ASPHALT PAVEMENT					
0026	619(B)6376	3,920.00	SY	\$11.00	\$43,120.00
REMOVAL OF CONC.PAV.W/ASPH.OVERLAY					
0027	619(B)6396	656.00	LF	\$4.75	\$3,116.00
REMOVAL OF GUARDRAIL					
0029	623(A)1200	1,050.00	LF	\$20.00	\$21,000.00
BEAM GUARDRAIL W-BEAM SINGLE					
0030	623(G)1820	4.00	EA	\$2,700.00	\$10,800.00
GUARDRAIL END TREATMENT (31")					
0031	623(I)2050	4.00	EA	\$2,100.00	\$8,400.00
GUARDRAIL BRIDGE CONN-THRIE BEAM (31")					

Total for Group 0100:\$822,349.75

\$961,492.75

Group 0200: BRIDGE A

0032	501(B)1300	215.00	CY	\$20.00	\$40.00	\$8,600.00	\$4,300.00
SUBSTRUCTURE EXCAVATION COMMON							
0033	501(G)1800	263.60	CY	\$150.00	\$250.00	\$65,900.00	\$39,540.00
CLSM BACKFILL							
0034	502 3100	1.00	LS	\$5,000.00	\$10000.00	\$10,000.00	\$5,000.00
TEMPORARY EARTH RETAINAGE							
0035	503(A)4240	846.67	LF	\$245.00	\$350.00	\$296,334.50	\$207,434.15
PRESTRESSED CONCRETE BEAMS (TYPE IV)							
0036	503(A)4270	2,991.67	LF	\$270.00	\$400.00	\$1,196,668.00	\$807,750.90
PRESTRESSED CONCRETE BEAMS (TYPE J BT)							
0037	504(A)5200	308.00	SY	\$225.00	\$320.00	\$98,560.00	\$69,300.00
APPROACH SLAB							
0038	504(B)5300	4,066.60	SY	\$4.80	\$6.00	\$24,399.60	\$19,519.68
SAW-CUT GROOVING							
0039	504(D)5420	1,663.40	LF	\$93.50	\$135.00	\$224,559.00	\$155,527.90
CONCRETE RAIL (TR4)							

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>		<u>Extension</u>	
	<u>Description</u>						
	<u>Supplemental Description</u>						
0040	506(A)7200 STRUCTURAL STEEL	7,900.00	LB	\$3.20	\$5.00	\$39,500.00	\$25,280.00
0041	507(A)8200 STAINLESS STEEL FIXED BEARING ASSEMBLY	20.00	EA	\$2,250.00	\$3500.00	\$70,000.00	\$45,000.00
0042	507(B)8300 STAINLESS STEEL EXP. BEARING ASSEMBLY	50.00	EA	\$2,420.00	\$3500.00	\$175,000.00	\$121,000.00
0043	509 0120 ELASTOMERIC COATING	2,786.00	SF	\$18.00	\$25.00	\$69,650.00	\$50,148.00
0044	509(A)0210 CLASS AA CONCRETE	1,034.80	CY	\$620.00	\$720.00	\$745,056.00	\$641,576.00
0045	509(B)0320 CLASS A CONCRETE	548.00	CY	\$700.00	\$780.00	\$427,440.00	\$383,600.00
0046	509(D)0510 CLASS C CONCRETE	16.00	CY	\$600.00			\$9,600.00
0047	511 2100 MECHANICAL SPLICES	2,940.00	EA	\$45.00	\$50.00	\$147,000.00	\$132,300.00
0048	511(A)2210 REINFORCING STEEL	3,370.00	LB	\$1.10	\$1.50	\$5,055.00	\$3,707.00
0049	511(B)2310 EPOXY COATED REINFORCING STEEL	413,600.00	LB	\$1.25	\$2.00	\$827,200.00	\$517,000.00
0050	514(A)5210 PILES, FURNISHED (HP 10X42)	224.00	LF	\$34.00	\$50.00	\$11,200.00	\$7,616.00
0051	514(A)5220 PILES, FURNISHED (HP 12X53)	1,134.00	LF	\$35.00	\$60.00	\$68,040.00	\$39,690.00
0052	514(B)5310 PILES, DRIVEN (HP 10X42)	224.00	LF	\$16.00	\$22.00	\$4,928.00	\$3,584.00
0053	514(B)5320 PILES, DRIVEN (HP 12X53)	1,134.00	LF	\$15.00	\$21.00	\$23,814.00	\$17,010.00
0054	514(L)6300 PILE SPLICE, H-PILE (NON-BIDDABLE)	1.00	EA	\$400.00	\$500.00	\$500.00	\$400.00
0055	515(A)7200 WATER REPELLENT (VISUALLY INSPECTED)	3,560.00	SY	\$4.50	\$6.00	\$21,360.00	\$16,020.00
0056	516(A)8245 DRILLED SHAFTS 66" DIAMETER	226.00	LF	\$1,500.00			\$339,000.00
0057	516(A)8250	548.00	LF	\$1,800.00			\$986,400.00

Line #	Item Number	Quantity	Units	Unit Price			Extension
<u>Description</u>							
<u>Supplemental Description</u>							
DRILLED SHAFTS 72" DIAMETER							
0058	516(C)8400	6.00	EA	\$2,500.00			\$15,000.00
CROSSHOLE SONIC LOGGING							
0059	518(B)0300	94.34	LF	\$320.00	\$440.00	\$41,509.60	\$30,188.80
SEALED EXPANSION JOINTS							
0060	523(A)3200	951.00	LF	\$4.20			\$3,994.20
SEALER CRACK PREPARATION							
0061	523(B)3300	10.70	GAL	\$130.00			\$1,391.00
SEALER RESIN							
0062	602(B)2300	2,740.00	SF	\$20.00	\$22.00	\$60,280.00	\$54,800.00
ARTICULATING CONCRETE BLOCK							
0064	613(H)6205	90.00	LF	\$20.00			\$1,800.00
6" PERFORATED PIPE UNDERDRAIN ROUND							
0065	613(I)6310	64.00	LF	\$18.00			\$1,152.00
6" NON-PERF.PIPES UNDERDRAIN RND.							
0066	619(D)6700	1.00	LS	\$600,000.00	\$720,000	\$720,000	\$600,000.00
REMOVAL OF EXISTING BRIDGE STRUCTURE							

Total for Group 0200:\$5,355,629.63

\$6,740,890.90

Group 0300: TRAFFIC SIGNING AND STRIPING

0067	413(B)4310	1,737.00	LF	\$0.75		\$1,302.75
	RUMBLE STRIP-METHOD HMA-CYC					
0068	850(A)1200	60.00	SF	\$27.00		\$1,620.00
	SHEET ALUMINUM SIGNS					
0069	851(C)2415	91.00	LF	\$10.50		\$955.50
	2" SQUARE TUBE POST					
0070	853 5175	24.00	EA	\$16.50		\$396.00
	GUARDRAIL DELINEATORS(TYPE 2, CODE 1)					
0072	856(A)8204	12,027.00	LF	\$0.65		\$7,817.55
	TRAFFIC STRIPE(MULTI-POLY.)(6" WIDE)					

Total for Group 0300:\$12,091.80

Group 0340: TRAFFIC CONTROL

0074	823 6100	340.00	SD	\$150.00		\$51,000.00
	(SP)PORTABLE TRAFFIC SIGNAL SYSTEM				\$200.00	\$68,000.00

Line #	Item Number	Quantity	Units	Unit Price	Extension
Description					
Supplemental Description					
0075	857(A)9200 CONSTR. TRAFFIC STR.(PAINT)(4" WIDE)	9,280.00	LF	\$0.35	\$3,248.00
0076	857(C)9400 REMOVABLE PAVEMENT MARKING TAPE(4" WIDE)	5,120.00	LF	\$0.80	\$4,096.00
0077	857(E)9630 (PL)CONST.ZONE PAV.MKRS(FLEX TAB)TYP.2-2	2,000.00	EA	\$0.80	\$1,600.00
0078	857(F)9700 PAVEMENT MRKNG.REMOVAL(TRAF.STRP)	7,000.00	LF	\$0.50	\$3,500.00
0079	871(B)2300 CONST.ZONE IMPACT ATTEN.	680.00	SD	\$7.50	\$5,100.00
0080	877(B)4300 DELIVER PORTABLE LONGITUDINAL BARRIER	3,300.00	LF	\$25.00	\$82,500.00
0081	877(C)4400 RELOCATION OF PORT. LONGITUDINAL BARRIER	3,300.00	LF	\$5.00	\$16,500.00
0082	880(B)6300 CONSTRUCTION SIGNS 0 TO 6.25 SF	6,120.00	SD	\$0.35	\$2,142.00
0083	880(B)6310 CONSTRUCTION SIGNS 6.26 SF TO 15.99 SF	2,040.00	SD	\$0.70	\$1,428.00
0084	880(B)6320 CONSTRUCTION SIGNS 16.0 SF TO 32.99 SF	6,120.00	SD	\$1.40	\$8,568.00
0085	880(C)6410 CONSTRUCTION BARRICADES(TYPE III)	1,360.00	SD	\$1.00	\$1,360.00
0086	880(E)6607 WARNING LIGHTS(TYPE B)	5,440.00	SD	\$0.06	\$326.40
0087	880(F)6700 DRUMS	6,120.00	SD	\$0.25	\$1,530.00
0088	880(G)6805 CHANNELIZER CONES	4,080.00	SD	\$0.50	\$2,040.00
0089	880(I)7000 FLAGGER	12.00	SD	\$170.00	\$2,040.00
0090	882(A)8210 PORT.CHANGEABLE MESSAGE SIGN	708.00	SD	\$20.00	\$14,160.00

\$234,638.40

Group 0600: STAKING

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
0091	642(B)3300	1.00	LS	\$15,000.00	\$15,000.00
CONSTRUCTION STAKING LEVEL II					

Total for Group 0600:\$15,000.00

Group 0640: CONSTRUCTION

0092	220 1100	1.00	LS	\$7,500.00	\$7,500.00
SWPPP DOCUMENTATION AND MANAGEMENT					
0093	640(A)1210	1.00	EA	\$11,000.00	\$11,000.00
FIELD OFFICE					
0094	641 2110	1.00	LS	\$340,000.00	\$340,000.00
MOBILIZATION					

Total for Group 0640:\$358,500.00

\$406,500.00