

Letting:
Call Order:
Contract ID:



Oklahoma Department of Transportation Detail Cost Estimate

Project ID: 29682(04)

Project Description: SH-16 over Sand Creek

Spec Book: 19

Date Printed: 11/12/2024

Federal Project Number:

Detail Estimate Cost Summary

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Project ID:2968204**Project Description:** SH-16 over Sand Creek

Fund Package	Total Fund Package Cost	E&C Amount	Total	Funding Limit	Funding
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Project Project '2968204': Project does not contain Fund Packages.



Detail Cost Estimate

Project ID:2968204

Federal Project Number:

Project Description: SH-16 over Sand Creek

Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
Category 0100		ROADWAY	Alternate Set		Alternate Member					
Funding Source(s) and Participation:			Multiple Fund Packages exist for the Category. See other Funding reports for details.							
Fed Work Class:										
Fed Construction Class:			Category Length: 0							
Category Work Class:			Category Width: 0							
0010	201(A)1200	CLEARING AND GRUBBING			LSUM	1.000	58,000.00000	58,000.00		L B
0020	202(A)2200	UNCLASSIFIED EXCAVATION			CY	22,212.000	20.00000	444,240.00		L
0030	202(D)2500	UNCLASSIFIED BORROW			CY	200.000	50.00000	10,000.00		L
0040	205(A)6200	TYPE A-SALVAGED TOPSOIL			LSUM	1.000	69,000.00000	69,000.00		L B
0050	221(B)2300	TEMPORARY SILT FENCE			LF	1,375.000	4.00000	5,500.00		L
0060	221(C)2400	TEMPORARY SEDIMENT FILTER			EA	8.000	500.00000	4,000.00		L
0070	221(E)2600	TEMPORARY SILT DIKE			LF	266.000	20.00000	5,320.00		L
0080	221(F)2700	TEMPORARY ROCK FILTER DAM TYPE 1			CY	18.000	250.00000	4,500.00		L
0090	227 4100	(SP)TURF REINFORCEMENT MAT			SY	2,410.000	35.00000	84,350.00		L
0100	229 6100	DITCH LINER PROTECTION			LF	143.000	5.00000	715.00		L
0110	230(A)7200	SOLID SLAB SODDING			SY	22,273.000	5.00000	111,365.00		L
0120	233(A)0200	VEGETATIVE MULCHING			AC	5.000	2,000.00000	10,000.00		L
0130	241 3100	MOWING			AC	10.000	350.00000	3,500.00		L

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Project Description: SH-16 over Sand Creek

Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
0140	303(A)1200	AGGREGATE BASE TYPE A			CY	1,844.000	65.00000	119,860.00		L
0150	307(K)4200	STABILIZED SUBGRADE			SY	12,664.000	10.00000	126,640.00		L
0160	326(A)1200	GEOTEXTILE REINFORCEMENT			SY	10,691.000	7.00000	74,837.00		L
0170	402(E)2600	TRAFFIC BOUND SURFACE COURSE TYPE E			TON	2,432.000	38.00000	92,416.00		L
0180	407(B)7300	TACK COAT			GAL	2,117.000	3.50000	7,409.50		L
0190	409(A)9200	FABRIC REINFORCEMENT			SY	1,236.000	10.00000	12,360.00		L
0200	409(B)9300	BITUMINOUS BINDER			GAL	348.000	10.00000	3,480.00		L
0210	411(B)1330	SUPERPAVE, TYPE S3(PG 64-22 OK)			TON	4,034.000	120.00000	484,080.00		L
0220	411(C)1430	SUPERPAVE, TYPE S4(PG 64-22 OK)			TON	1,761.000	140.00000	246,540.00		L
0230	412 3100	COLD MILLING PAVEMENT			SY	3,398.000	8.00000	27,184.00		L
0240	509(D)0500	CLASS C CONCRETE			CY	27.000	700.00000	18,900.00		L
0250	601(B)1200	TYPE I PLAIN RIPRAP WITH FILTER BLANKET			TON	115.000	90.00000	10,350.00		L
0260	609(B)4355	2'-8" COMB.CRB.& GUT.(4" MNTBLE)			LF	43.000	70.00000	3,010.00		L
0270	611(G)0354	INLET (SMD-TYPE 2)			EA	7.000	5,500.00000	38,500.00		L
0280	611(G)7934	INLET GPI TYPE 1 (DES. 2)			EA	1.000	5,500.00000	5,500.00		L
0290	613(A)5228	42" R.C.PIPE CLASS III			LF	288.000	250.00000	72,000.00		L
0300	613(B)5508	18" CORR. GALV. STEEL PIPE			LF	558.000	60.00000	33,480.00		L
0310	613(B)5516	24" CORR. GALV. STEEL PIPE			LF	204.000	80.00000	16,320.00		L
0320	613(B)5524	30" CORR. GALV. STEEL PIPE			LF	76.000	90.00000	6,840.00		L

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Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
0330	613(B)5616	35" X 24" CORR. GALV. STEEL PIPE ARCH			LF	202.000	120.00000	24,240.00		L
0340	613(B)5624	49" X 33" CORR. GALV. STEEL PIPE ARCH			LF	62.000	130.00000	8,060.00		L
0350	613(H)6200	6" PERFORATED PIPE UNDERDRAIN ROUND			LF	164.000	40.00000	6,560.00		L
0360	613(I)6305	6" NON-PERF. PIPE UNDERDRAIN RND.			LF	55.000	40.00000	2,200.00		L
0370	613(J)6400	EDGE DRAIN CONDUIT-PERFORATED			LF	43.000	30.00000	1,290.00		L
0380	613(K)6500	EDGE DRAIN OUTLET LATERAL-NONPERFORATED			LF	13.000	45.00000	585.00		L
0390	613(M)6964	TYPE B4 CULVERT END TREATMENT			EA	4.000	3,000.00000	12,000.00		L
0400	613(M)6968	TYPE C4 CULVERT END TREATMENT			EA	1.000	4,000.00000	4,000.00		L
0410	613(M)6992	TYPE DD4 CULVERT END TREATMENT			EA	2.000	5,500.00000	11,000.00		L
0420	613(M)7004	TYPE A6 CULVERT END TREATMENT			EA	2.000	3,500.00000	7,000.00		L
0430	613(M)7008	TYPE B6 CULVERT END TREATMENT			EA	8.000	3,000.00000	24,000.00		L
0440	613(M)7012	TYPE C6 CULVERT END TREATMENT			EA	2.000	5,000.00000	10,000.00		L
0450	613(Q)7500	OUTLET LATERAL HEADWALL			EA	3.000	1,300.00000	3,900.00		L
0460	613(T)7800	STANDARD BEDDING MATERIAL, CLASS C			CY	572.000	60.00000	34,320.00		L
0470	613(V)8000	TRENCH EXCAVATION			CY	1,883.000	30.00000	56,490.00		L
0480	619(A)6200	REMOVAL OF STRUCTURES & OBSTRUCTIONS			LSUM	1.000	18,000.00000	18,000.00		L B
0490	619(B)6352	REMOVAL OF FENCE			LF	1,249.000	3.50000	4,371.50		L
0500	619(B)6364	REMOVAL OF ASPHALT PAVEMENT			SY	5,548.000	13.00000	72,124.00		L

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Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
0510	619(B)6380	REMOVAL OF CONCRETE DRIVEWAY			SY	86.000	20.00000	1,720.00		L
0520	619(B)6384	REMOVAL OF ASPHALT DRIVEWAY			SY	768.000	15.00000	11,520.00		L
0530	619(B)6396	REMOVAL OF GUARDRAIL			LF	474.000	10.00000	4,740.00		L
0540	619(C)6600	SAWING PAVEMENT			LF	2,817.000	3.50000	9,859.50		L
0550	623(A)1200	BEAM GUARDRAIL W-BEAM SINGLE			LF	250.000	35.00000	8,750.00		L
0560	623(G)1820	GUARDRAIL END TREATMENT (31")			EA	2.000	4,800.00000	9,600.00		L
0570	624(A)3200	FENCE-STYLE WWF			LF	320.000	20.00000	6,400.00		L
0580	624(C)3405	FENCE-STYLE SWF (5 BARBED WIRE)			LF	93.000	20.00000	1,860.00		L
0590	624(E)3600	FENCE-STYLE CLF (4'HIGH, CLASS A)			LF	277.000	60.00000	16,620.00		L
0600	624(E)3640	FENCE-STYLE CLF (8'HIGH, CLASS A)			LF	456.000	160.00000	72,960.00		L
0610	624(F)3721	GATES-STYLE CLF (4'HIGH X 16'LONG)			EA	1.000	1,700.00000	1,700.00		L
0620	629(A)7200	MAILBOX INSTALLATION-SINGLE			EA	8.000	260.00000	2,080.00		L
0630	629(B)7300	MAILBOX INSTALLATION-MULTIPLE			EA	1.000	450.00000	450.00		L
0640	629(C)7400	REMOVAL OF MAILBOX INSTALLATION			EA	12.000	150.00000	1,800.00		L
0650	629(E)7600	MAILBOX			EA	12.000	300.00000	3,600.00		L
0660	853 5175	GUARDRAIL DELINEATORS(TYPE 2, CODE 1)			EA	8.000	30.00000	240.00		L
Category Total:								\$2,664,236.50		

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Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
Category 0200		BRIDGE "A"		Alternate Set		Alternate Member				
Funding Source(s) and Participation:			Multiple Fund Packages exist for the Category. See other Funding reports for details.							
Fed Work Class:										
Fed Construction Class:		Category Length: 0								
Category Work Class:		Category Width: 0								
0670	202(A)2210	UNCLASSIFIED EXCAVATION			CY	2,800.000	15.00000	42,000.00		L
0680	501(A)1210	STRUCTURAL EXCAVATION UNCLASSIFIED			CY	345.000	42.00000	14,490.00		L
0690	502 3100	TEMPORARY EARTH RETAINAGE			LSUM	1.000	80,000.00000	80,000.00		L B
0700	504(F)5600	HANDRAILING			LF	332.000	170.00000	56,440.00		L
0710	509(A)0210	CLASS AA CONCRETE			CY	745.200	850.00000	633,420.00		L
0720	509(D)0510	CLASS C CONCRETE			CY	41.500	780.00000	32,370.00		L
0730	510(A)1210	RETAINING WALL			SY	509.400	3,200.00000	1,630,080.00		L
0740	511(A)2210	REINFORCING STEEL			LB	138,910.000	1.70000	236,147.00		L
0750	514(A)5220	PILES, FURNISHED (HP 12X53)			LF	4,565.000	68.00000	310,420.00		L
0760	514(B)5320	PILES, DRIVEN (HP 12X53)			LF	2,464.000	32.00000	78,848.00		L
0770	514(K)6200	(PL)PILOT HOLES			LF	2,101.000	175.00000	367,675.00		L
0780	514(L)6300	PILE SPLICE, H-PILE (NON-BIDDABLE)			EA	1.000	500.00000	500.00		F L
0790	619(D)6700	REMOVAL OF EXISTING BRIDGE STRUCTURE			LSUM	1.000	80,000.00000	80,000.00		L B

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Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
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Category Total: \$3,562,390.00

Category 0300

SIGNING & STRIPING

Alternate Set

Alternate Member

Funding Source(s) and Participation: Multiple Fund Packages exist for the Category. See other Funding reports for details.

Fed Work Class:

Fed Construction Class:

Category Length: 0

Category Work Class:

Category Width: 0

0800	850(A)1200	SHEET ALUMINUM SIGNS			SF	79.680	40.00000	3,187.20		L
0810	851(C)2415	2" SQUARE TUBE POST			LF	227.000	14.00000	3,178.00		L
0820	855(A)7204	TRAFFIC STRIPE(PLASTIC)(6" WIDE)			LF	7,890.000	0.95000	7,495.50		L
0830	855(A)7216	TRAFFIC STRIPE(PLASTIC)(24" WIDE)			LF	18.000	16.50000	297.00		L

Category Total: \$14,157.70

Category 0301

TRAFFIC CONTROL

Alternate Set

Alternate Member

Funding Source(s) and Participation: Multiple Fund Packages exist for the Category. See other Funding reports for details.

Fed Work Class:

Fed Construction Class:

Category Length: 0

Category Work Class:

Category Width: 0

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Project Description: SH-16 over Sand Creek

Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
0840	823 6100	(SP)PORTABLE TRAFFIC SIGNAL SYSTEM			SD	105.000	180.00000	18,900.00		L
0850	857(A)9200	CONSTRUCTION TRAFFIC STR. (PAINT)(4" WIDE)			LF	10,000.000	0.28000	2,800.00		L
0860	857(C)9400	REMOVABLE PAVEMENT MARKING TAPE(4" WIDE)			LF	18,220.000	1.40000	25,508.00		L
0870	857(E)9620	(PL)CONST.ZONE PAV.MKRS(FLEX TAB)TYP.2-1			EA	2,000.000	1.00000	2,000.00		L
0880	857(F)9700	PAVEMENT MRKNG. REMOVAL(TRAF.STRP)			LF	10,000.000	0.35000	3,500.00		L
0890	871(B)2300	CONST.ZONE IMPACT ATTN.			SD	600.000	16.50000	9,900.00		L
0900	871(C)2400	RELOC.OF CONST.ZN.QUADGUARD IMP.ATTN			EA	8.000	1,300.00000	10,400.00		L
0910	877(B)4300	DELIVER PORTABLE LONGITUDINAL BARRIER			LF	750.000	35.00000	26,250.00		L
0920	877(C)4400	RELOCATION OF PORT. LONGITUDINAL BARRIER			LF	2,250.000	6.50000	14,625.00		L
0930	880(B)6300	CONSTRUCTION SIGNS 0 TO 6.25 SF			SD	3,060.000	0.70000	2,142.00		L
0940	880(B)6310	CONSTRUCTION SIGNS 6.26 SF TO 15.99 SF			SD	3,540.000	1.00000	3,540.00		L
0950	880(B)6320	CONSTRUCTION SIGNS 16.0 SF TO 32.99 SF			SD	2,355.000	1.90000	4,474.50		L
0960	880(C)6410	CONSTRUCTION BARRICADES(TYPE III)			SD	1,620.000	1.60000	2,592.00		L
0970	880(E)6600	WARNING LIGHTS(TYPE A)			SD	5,595.000	0.90000	5,035.50		L
0980	880(F)6700	DRUMS			SD	2,940.000	0.45000	1,323.00		L
0990	880(G)6805	CHANNELIZER CONES			SD	5,520.000	0.55000	3,036.00		L
1000	880(K)7200	SURVEILLANCE TRAFFIC CONTROL			SD	135.000	880.00000	118,800.00		L



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Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
1010	882(A)8210	PORT.CHANGEABLE MESSAGE SIGN			SD	480.000	20.00000	9,600.00		L
Category Total:								\$264,426.00		

Estimate Total 2968204

\$6,505,210.20

* Flags: (F)ixed Price, (N)on Bid, (L)ow Cost Contributor, (B)id as Lump Sum

Detail Estimate Funding Summary

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Project ID: 2968204**Project Description:** SH-16 over Sand Creek

Category	Cost	E&C Percent	E&C Amount	Total	Funding Package	Fund	Funding Amount
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Project Project '2968204': Project does not contain Fund Packages.



Detail Estimate Funding Summary By Fund

Project ID: 2968204

Project Description: SH-16 over Sand Creek

Fund ID	Category ID	Cost	E&C Amount	Total	Funding Amount
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Project Project '2968204': Project does not contain Fund Packages.



Detail Estimate Funding Summary By Unit

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Project ID: 2968204

Project Description: SH-16 over Sand Creek

Unit	Cost	E&C Amount	Total	Funding Amount
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Project Project '2968204': Project does not contain Fund Packages.