

**Letting:**  
**Call Order:**  
**Contract ID:**



**Oklahoma Department of Transportation  
Detail Cost Estimate**

**Project ID:** 09032(08)

**Project Description:** I-35 and I-240 Interchange (PH IV)

**Spec Book:** 19

**Date Printed:** 3/12/2024

**Federal Project Number:**

**Detail Estimate Cost Summary**
**Project ID:0903208**
**Project Description:** I-35 and I-240 Interchange (PH IV)

Fund Package		Total Fund Package Cost	E&C Amount	Total	Funding Limit	Funding
<b>Fund</b>	0000	Default Funding for Design				
Package	Default	46,154,322.35	2,766,259.34	48,920,581.69		48,920,581.69
<b>Fund</b>	0000	<b>Totals</b>	<b>\$46,154,322.35</b>	<b>\$2,766,259.34</b>	<b>\$48,920,581.69</b>	<b>\$48,920,581.69</b>
<b>Project Total 0903208</b>		<b>\$46,154,322.35</b>	<b>\$2,766,259.34</b>	<b>\$48,920,581.69</b>		<b>\$48,920,581.69</b>



Detail Cost Estimate

Project ID:0903208

Federal Project Number:

Project Description:I-35 and I-240 Interchange (PH IV)

Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
<b>Category</b>		0100	Roadway		<b>Alternate Set</b>		<b>Alternate Member</b>			
<b>Funding Source(s) and Participation:</b>			0000	Default Funding for Design			100 %			
<b>Fed Work Class:</b>										
<b>Fed Construction Class:</b>									<b>Category Length: 0</b>	
<b>Category Work Class:</b>									<b>Category Width: 0</b>	
0010	201(A)1200	CLEARING AND GRUBBING			LSUM	1.000	50,000.00000	50,000.00	Default	L B
0020	202(A)2200	UNCLASSIFIED EXCAVATION			CY	28,851.000	9.50000	274,084.50	Default	L
0030	202(D)2500	UNCLASSIFIED BORROW			CY	2,142.000	12.00000	25,704.00	Default	L
0040	205(A)6200	TYPE A-SALVAGED TOPSOIL			LSUM	1.000	75,000.00000	75,000.00	Default	L B
0050	221(B)2300	TEMPORARY SILT FENCE			LF	2,169.000	3.00000	6,507.00	Default	L
0060	221(E)2600	TEMPORARY SILT DIKE			LF	525.000	15.00000	7,875.00	Default	L
0070	221(F)2700	TEMPORARY ROCK FILTER DAM TYPE 1			CY	4.000	200.00000	800.00	Default	L
0080	221(G)2800	TEMPORARY FIBER LOG			LF	264.000	9.50000	2,508.00	Default	L
0090	221(H)2900	(PL)TEMPORARY INLET SEDIMENT FILTER			EA	145.000	375.00000	54,375.00	Default	L
0100	230(A)7200	SOLID SLAB SODDING			SY	109,760.000	2.50000	274,400.00	Default	L
0110	233(A)0200	VEGETATIVE MULCHING			AC	22.680	1,300.00000	29,484.00	Default	L
0120	241 3100	MOWING			AC	45.360	250.00000	11,340.00	Default	L

**Detail Cost Estimate**

**Project ID:0903208**

**Federal Project Number:**

**Project Description:I-35 and I-240 Interchange (PH IV)**

Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
0130	242 4101	STABILIZED CONSTRUCTION EXIT			EA	6.000	3,000.00000	18,000.00	Default	L
0140	303(A)1200	AGGREGATE BASE TYPE A			CY	11,036.000	75.00000	827,700.00	Default	L
0150	307(K)4200	STABILIZED SUBGRADE			SY	68,931.000	8.75000	603,146.25	Default	L
0160	325 0100	SEPARATOR FABRIC			SY	54,582.000	2.50000	136,455.00	Default	L
0170	402(E)2600	TRAFFIC BOUND SURFACE COURSE TYPE E			TON	176.000	40.00000	7,040.00	Default	L
0180	407(B)7300	TACK COAT			GAL	10,873.000	4.25000	46,210.25	Default	L
0190	411(B)1300	SUPERPAVE, TYPE S3(PG 76-28 OK)			TON	6,318.000	115.00000	726,570.00	Default	L
0200	411(B)1330	SUPERPAVE, TYPE S3(PG 64-22 OK)			TON	25,501.000	105.00000	2,677,605.00	Default	L
0210	411(C)1400	SUPERPAVE, TYPE S4(PG 76-28 OK)			TON	4,213.000	125.00000	526,625.00	Default	L
0220	414(A)5200	P.C.CONCRETE PAVEMENT(PLACEMENT)			SY	6,774.000	120.00000	812,880.00	Default	L
0230	414(B)5300	DOWEL JOINTED P.C.C.PAVT. (PLACEMENT)			SY	18,698.000	30.00000	560,940.00	Default	L
0240	414(G)5800	P.C. CONCRETE FOR PAVEMENT			CY	7,645.000	225.00000	1,720,125.00	Default	L
0250	501(A)1200	STRUCTURAL EXCAVATION UNCLASSIFIED			CY	21.000	60.00000	1,260.00	Default	L
0260	501(G)1810	CLSM BACKFILL			CY	50.000	270.00000	13,500.00	Default	L
0270	502 3100	TEMPORARY EARTH RETAINAGE			LSUM	1.000	60,000.00000	60,000.00	Default	L B
0280	504(D)5420	CONCRETE RAIL (TR4)			LF	984.000	130.00000	127,920.00	Default	L
0290	504(E)5520	42" F-SHAPED PARAPET			LF	4,362.000	120.00000	523,440.00	Default	L
0300	509(A)0200	CLASS AA CONCRETE			CY	233.000	700.00000	163,100.00	Default	L
0310	509(B)0300	CLASS A CONCRETE			CY	692.000	750.00000	519,000.00	Default	L

**Detail Cost Estimate**

**Project ID:0903208**

**Federal Project Number:**

**Project Description:I-35 and I-240 Interchange (PH IV)**

Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
0320	509(D)0500	CLASS C CONCRETE			CY	280.000	490.00000	137,200.00	Default	L
0330	510(A)1200	RETAINING WALL			SY	873.000	1,100.00000	960,300.00	Default	L
0340	510(C)1440	SLOPE WALL (5")			SY	50.000	325.00000	16,250.00	Default	L
0350	510(D)1510	MSE RETAINING WALL			SY	937.000	1,025.00000	960,425.00	Default	L
0360	511(A)2200	REINFORCING STEEL			LB	49,559.000	1.50000	74,338.50	Default	L
0370	511(B)2300	EPOXY COATED REINFORCING STEEL			LB	122,345.000	1.75000	214,103.75	Default	L
0380	515(A)7200	WATER REPELLENT (VISUALLY INSPECTED)			SY	4,320.000	5.25000	22,680.00	Default	L
0390	516(A)8240	DRILLED SHAFTS 60" DIAMETER			LF	60.000	0.00000	0.00	Default	L
0400	601(A)1100	TYPE I PLAIN RIPRAP			TON	308.000	100.00000	30,800.00	Default	L
0410	609(A)4220	CONC.CURB(4" MNTBLE-INTEGRAL)			LF	7,581.000	7.50000	56,857.50	Default	L
0420	609(A)4230	CONC.CURB(6" BARRIER-INTEGRAL)			LF	917.000	13.00000	11,921.00	Default	L
0430	609(B)4355	2'-8" COMB.CRB.& GUT.(4" MNTBLE)			LF	4,024.000	40.00000	160,960.00	Default	L
0440	610(C)5400	4" CONCRETE DIVIDING STRIP			SY	88.000	110.00000	9,680.00	Default	L
0450	610(C)5410	6" CONCRETE DIVIDING STRIP			SY	77.000	130.00000	10,010.00	Default	L
0460	611(A)7210	MANHOLE (4' DIA.)			EA	23.000	3,600.00000	82,800.00	Default	L
0470	611(A)7215	MANHOLE (5' DIA.)			EA	1.000	5,000.00000	5,000.00	Default	L
0480	611(G)0172	INLET W/LRG. JCT. BOX, CI, DES.3			EA	11.000	11,800.00000	129,800.00	Default	L
0490	611(G)0264	INLET W/SMALL JCT. BOX, CI, DES.2			EA	3.000	9,200.00000	27,600.00	Default	L
0500	611(G)0354	INLET (SMD-TYPE 2)			EA	6.000	5,500.00000	33,000.00	Default	L

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Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
0510	611(G)7754	INLET CI DES. 2 (STD)			EA	3.000	6,200.00000	18,600.00	Default	L
0520	611(G)7786	INLET CI DES. 3 (STD)			EA	12.000	9,000.00000	108,000.00	Default	L
0530	611(G)8155	INLET - LONG. BARRIER - TYPE I, DES.2			EA	6.000	5,000.00000	30,000.00	Default	L
0540	613(A)5208	18" R.C.PIPES CLASS III			LF	5,394.000	95.00000	512,430.00	Default	L
0550	613(A)5216	24" R.C.PIPES CLASS III			LF	1,115.000	120.00000	133,800.00	Default	L
0560	613(A)5358	28" X 18" R.C.PIPES ARCH CLASS A-III			LF	573.000	155.00000	88,815.00	Default	L
0570	613(H)6210	8" PERFORATED PIPE UNDERDRAIN ROUND			LF	1,309.000	40.00000	52,360.00	Default	L
0580	613(I)6315	8" NON-PERF.PIPES UNDERDRAIN RND.			LF	437.000	30.00000	13,110.00	Default	L
0590	613(J)6400	EDGE DRAIN CONDUIT-PERFORATED			LF	14,321.000	16.00000	229,136.00	Default	L
0600	613(K)6500	EDGE DRAIN OUTLET LATERAL-NONPERFORATED			LF	18.000	50.00000	900.00	Default	L
0610	613(L)6620	28" X 18" PREFAB. CULVERT END SEC., ARCH			EA	1.000	3,000.00000	3,000.00	Default	L
0620	613(L)6708	18" PREFAB. CULVERT END SEC., ROUND			EA	3.000	1,500.00000	4,500.00	Default	L
0630	613(Q)7500	OUTLET LATERAL HEADWALL			EA	6.000	1,350.00000	8,100.00	Default	L
0640	613(Y)8300	(PL)VIDEO INSPECTION OF CONDUIT			LF	100.000	25.00000	2,500.00	Default	L
0650	619(A)6200	REMOVAL OF STRUCTURES & OBSTRUCTIONS			LSUM	1.000	125,000.00000	125,000.00	Default	LB
0660	619(B)6360	REMOVAL OF CONCRETE PAVEMENT			SY	14,433.000	8.00000	115,464.00	Default	L
0670	619(B)6364	REMOVAL OF ASPHALT PAVEMENT			SY	44,226.000	6.00000	265,356.00	Default	L
0680	624(E)3620	FENCE-STYLE CLF (6'HIGH, CLASS A)			LF	1,004.000	55.00000	55,220.00	Default	L

**Detail Cost Estimate**

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Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
0690	627(A)6200	CONCRETE LONGITUDINAL BARRIER, DESIGN 1			LF	4,294.000	110.00000	472,340.00	Default	L
0700	871(A)2210	(PL) IMPACT ATTENUATOR			EA	6.000	35,000.00000	210,000.00	Default	L
<b>Category Total:</b>								<b>\$16,275,950.75</b>		

**Category 0200**

**Bridge "A"**

**Alternate Set**

**Alternate Member**

**Funding Source(s) and Participation: 0000**

Default Funding for Design

100 %

**Fed Work Class:**

**Fed Construction Class:**

**Category Length: 0**

**Category Work Class:**

**Category Width: 0**

0710	501(B)1300	SUBSTRUCTURE EXCAVATION COMMON			CY	545.000	35.00000	19,075.00	Default	L
0720	501(C)1400	SUBSTRUCTURE EXCAVATION ROCK			CY	10.000	200.00000	2,000.00	Default	L
0730	501(G)1800	CLSM BACKFILL			CY	97.500	265.00000	25,837.50	Default	L
0740	504(A)5200	APPROACH SLAB			SY	109.400	300.00000	32,820.00	Default	L
0750	504(B)5300	SAW-CUT GROOVING			SY	4,681.000	5.50000	25,745.50	Default	L
0760	504(E)5520	42" F-SHAPED PARAPET			LF	2,227.000	120.00000	267,240.00	Default	L
0770	506(A)7205	STRUCTURAL STEEL M270 GR. HPS 50W			LB	2,566,130.000	2.90000	7,441,777.00	Default	L
0780	507(A)8200	STAINLESS STEEL FIXED BEARING ASSEMBLY			EA	28.000	3,800.00000	106,400.00	Default	L
0790	507(B)8300	STAINLESS STEEL EXP. BEARING ASSEMBLY			EA	40.000	3,500.00000	140,000.00	Default	L

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Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
0800	509(A)0210	CLASS AA CONCRETE			CY	1,303.300	850.00000	1,107,805.00	Default	L
0810	509(B)0320	CLASS A CONCRETE			CY	676.900	875.00000	592,287.50	Default	L
0820	510(C)1450	SLOPE WALL (5")			SY	272.000	290.00000	78,880.00	Default	L
0830	510(D)1500	GRAFFITI TREATMENT			SF	34,426.000	3.50000	120,491.00	Default	L
0840	511(A)2210	REINFORCING STEEL			LB	750.000	1.65000	1,237.50	Default	L
0850	511(B)2310	EPOXY COATED REINFORCING STEEL			LB	459,510.000	1.80000	827,118.00	Default	L
0860	514(A)5210	PILES, FURNISHED (HP 10X42)			LF	123.000	48.00000	5,904.00	Default	L
0870	514(A)5220	PILES, FURNISHED (HP 12X53)			LF	123.000	60.00000	7,380.00	Default	L
0880	514(B)5310	PILES, DRIVEN (HP 10X42)			LF	56.000	25.00000	1,400.00	Default	L
0890	514(B)5320	PILES, DRIVEN (HP 12X53)			LF	56.000	32.00000	1,792.00	Default	L
0900	514(L)6300	PILE SPLICE, H-PILE (NON-BIDDABLE)			EA	1.000	500.00000	500.00	Default	F L
0910	515(A)7200	WATER REPELLENT (VISUALLY INSPECTED)			SY	3,130.000	6.00000	18,780.00	Default	L
0920	516(A)8250	DRILLED SHAFTS 72" DIAMETER			LF	60.000	1,700.00000	102,000.00	Default	L
0930	516(A)8255	DRILLED SHAFTS 84" DIAMETER			LF	120.000	2,100.00000	252,000.00	Default	L
0940	516(C)8400	CROSSHOLE SONIC LOGGING			EA	6.000	1,900.00000	11,400.00	Default	L
0950	517 9110	ELASTOMERIC COATING			SF	1,408.000	25.00000	35,200.00	Default	L
0960	518(B)0300	SEALED EXPANSION JOINTS			LF	195.390	400.00000	78,156.00	Default	L
0970	523(A)3200	SEALER CRACK PREPARATION			LF	200.000	5.50000	1,100.00	Default	L
0980	523(B)3300	SEALER RESIN			GAL	2.200	200.00000	440.00	Default	L



**Detail Cost Estimate**

**Project ID:0903208**

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**Project Description:**I-35 and I-240 Interchange (PH IV)

Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
0990	613(H)6205	6" PERFORATED PIPE UNDERDRAIN ROUND			LF	120.000	45.00000	5,400.00	Default	L
1000	613(I)6310	6" NON-PERF.PIPE UNDERDRAIN RND.			LF	40.000	40.00000	1,600.00	Default	L

**Category Total:** \$11,311,766.00

**Category** 0201

Bridge "C"

**Alternate Set**

**Alternate Member**

**Funding Source(s) and Participation:** 0000

Default Funding for Design

100 %

**Fed Work Class:**

**Fed Construction Class:**

**Category Length: 0**

**Category Work Class:**

**Category Width: 0**

1010	501(B)1300	SUBSTRUCTURE EXCAVATION COMMON			CY	90.000	60.00000	5,400.00	Default	L
1020	501(G)1800	CLSM BACKFILL			CY	198.000	250.00000	49,500.00	Default	L
1030	503(A)4240	PRESTRESSED CONCRETE BEAMS (TYPE IV)			LF	1,593.340	350.00000	557,669.00	Default	L
1040	504(A)5200	APPROACH SLAB			SY	218.800	300.00000	65,640.00	Default	L
1050	504(B)5300	SAW-CUT GROOVING			SY	1,556.000	5.50000	8,558.00	Default	L
1060	504(E)5520	42" F-SHAPED PARAPET			LF	737.000	135.00000	99,495.00	Default	L
1070	506(A)7200	STRUCTURAL STEEL			LB	1,540.000	3.50000	5,390.00	Default	L
1080	507(A)8210	WEATHERING STEEL FIXED BEARING ASSEMBLY			EA	10.000	3,800.00000	38,000.00	Default	L
1090	507(B)8300	STAINLESS STEEL EXP. BEARING ASSEMBLY			EA	30.000	3,500.00000	105,000.00	Default	L

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Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
1100	507(C)8400	ELASTOMERIC BEARING PADS			EA	30.000	780.00000	23,400.00	Default	L
1110	509(A)0210	CLASS AA CONCRETE			CY	396.300	850.00000	336,855.00	Default	L
1120	509(B)0320	CLASS A CONCRETE			CY	330.800	875.00000	289,450.00	Default	L
1130	509(D)0510	CLASS C CONCRETE			CY	2.000	600.00000	1,200.00	Default	L
1140	510(C)1450	SLOPE WALL (5")			SY	853.000	270.00000	230,310.00	Default	L
1150	511(A)2210	REINFORCING STEEL			LB	8,280.000	1.55000	12,834.00	Default	L
1160	511(B)2310	EPOXY COATED REINFORCING STEEL			LB	167,120.000	1.85000	309,172.00	Default	L
1170	514(A)5210	PILES, FURNISHED (HP 10X42)			LF	518.000	48.00000	24,864.00	Default	L
1180	514(B)5310	PILES, DRIVEN (HP 10X42)			LF	518.000	25.00000	12,950.00	Default	L
1190	514(L)6300	PILE SPLICE, H-PILE (NON-BIDDABLE)			EA	1.000	500.00000	500.00	Default	F L
1200	515(A)7200	WATER REPELLENT (VISUALLY INSPECTED)			SY	1,723.000	6.00000	10,338.00	Default	L
1210	516(A)8250	DRILLED SHAFTS 72" DIAMETER			LF	142.000	1,700.00000	241,400.00	Default	L
1220	516(C)8400	CROSSHOLE SONIC LOGGING			EA	1.000	2,400.00000	2,400.00	Default	L
1230	517 9110	ELASTOMERIC COATING			SF	624.000	25.00000	15,600.00	Default	L
1240	523(A)3200	SEALER CRACK PREPARATION			LF	228.000	5.50000	1,254.00	Default	L
1250	523(B)3300	SEALER RESIN			GAL	3.000	200.00000	600.00	Default	L
1260	613(H)6205	6" PERFORATED PIPE UNDERDRAIN ROUND			LF	210.000	45.00000	9,450.00	Default	L
1270	613(I)6310	6" NON-PERF.PIPE UNDERDRAIN RND.			LF	80.000	40.00000	3,200.00	Default	L
1280	619(D)6700	REMOVAL OF EXISTING BRIDGE STRUCTURE			LSUM	1.000	280,000.00000	280,000.00	Default	L B

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Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
<b>Category Total:</b>								\$2,740,429.00		

**Category 0202**

**Bridge "D"**

**Alternate Set**

**Alternate Member**

**Funding Source(s) and Participation: 0000**

Default Funding for Design

100 %

**Fed Work Class:**

**Fed Construction Class:**

**Category Length: 0**

**Category Work Class:**

**Category Width: 0**

1290	501(B)1300	SUBSTRUCTURE EXCAVATION COMMON			CY	80.000	60.00000	4,800.00	Default	L
1300	501(G)1800	CLSM BACKFILL			CY	252.000	625.00000	157,500.00	Default	L
1310	503(A)4240	PRESTRESSED CONCRETE BEAMS (TYPE IV)			LF	1,912.000	350.00000	669,200.00	Default	L
1320	504(A)5200	APPROACH SLAB			SY	312.000	300.00000	93,600.00	Default	L
1330	504(B)5300	SAW-CUT GROOVING			SY	2,294.000	5.50000	12,617.00	Default	L
1340	504(E)5500	CONCRETE PARAPET			LF	368.500	200.00000	73,700.00	Default	L
1350	504(E)5520	42" F-SHAPED PARAPET			LF	368.500	135.00000	49,747.50	Default	L
1360	506(A)7200	STRUCTURAL STEEL			LB	2,390.000	3.50000	8,365.00	Default	L
1370	507(A)8210	WEATHERING STEEL FIXED BEARING ASSEMBLY			EA	12.000	3,800.00000	45,600.00	Default	L
1380	507(B)8300	STAINLESS STEEL EXP. BEARING ASSEMBLY			EA	36.000	3,500.00000	126,000.00	Default	L
1390	507(C)8400	ELASTOMERIC BEARING PADS			EA	36.000	780.00000	28,080.00	Default	L

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1400	509(A)0210	CLASS AA CONCRETE			CY	568.000	850.00000	482,800.00	Default	L
1410	509(B)0320	CLASS A CONCRETE			CY	381.500	870.00000	331,905.00	Default	L
1420	509(D)0510	CLASS C CONCRETE			CY	2.000	515.00000	1,030.00	Default	L
1430	510(C)1450	SLOPE WALL (5")			SY	652.000	280.00000	182,560.00	Default	L
1440	511(A)2210	REINFORCING STEEL			LB	8,710.000	1.55000	13,500.50	Default	L
1450	511(B)2310	EPOXY COATED REINFORCING STEEL			LB	202,610.000	1.80000	364,698.00	Default	L
1460	514(A)5210	PILES, FURNISHED (HP 10X42)			LF	522.000	48.00000	25,056.00	Default	L
1470	514(B)5310	PILES, DRIVEN (HP 10X42)			LF	522.000	25.00000	13,050.00	Default	L
1480	514(L)6300	PILE SPLICE, H-PILE (NON-BIDDABLE)			EA	1.000	500.00000	500.00	Default	F L
1490	515(A)7200	WATER REPELLENT (VISUALLY INSPECTED)			SY	1,338.000	6.00000	8,028.00	Default	L
1500	516(A)8250	DRILLED SHAFTS 72" DIAMETER			LF	168.000	1,700.00000	285,600.00	Default	L
1510	516(C)8400	CROSSHOLE SONIC LOGGING			EA	2.000	2,400.00000	4,800.00	Default	L
1520	517 9110	ELASTOMERIC COATING			SF	993.000	25.00000	24,825.00	Default	L
1530	523(A)3200	SEALER CRACK PREPARATION			LF	342.000	5.50000	1,881.00	Default	L
1540	523(B)3300	SEALER RESIN			GAL	4.000	200.00000	800.00	Default	L
1550	613(H)6205	6" PERFORATED PIPE UNDERDRAIN ROUND			LF	228.000	45.00000	10,260.00	Default	L
<b>Category Total:</b>								<b>\$3,020,503.00</b>		

**Category** 0203

Bridge "L"

**Alternate Set**

**Alternate Member**

**Detail Cost Estimate**

**Project ID:0903208**

**Federal Project Number:**

**Project Description: I-35 and I-240 Interchange (PH IV)**

Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*	
<b>Funding Source(s) and Participation:</b>			0000	Default Funding for Design				100 %			
<b>Fed Work Class:</b>											
<b>Fed Construction Class:</b>											
<b>Category Work Class:</b>											
						<b>Category Length: 0</b>					
						<b>Category Width: 0</b>					
1560	501(B)1300	SUBSTRUCTURE EXCAVATION COMMON			CY	606.000	25.00000	15,150.00	Default	L	
1570	501(C)1400	SUBSTRUCTURE EXCAVATION ROCK			CY	244.000	40.00000	9,760.00	Default	L	
1580	501(G)1800	CLSM BACKFILL			CY	620.000	225.00000	139,500.00	Default	L	
1590	504(A)5200	APPROACH SLAB			SY	212.700	300.00000	63,810.00	Default	L	
1600	504(B)5300	SAW-CUT GROOVING			SY	1,331.000	5.50000	7,320.50	Default	L	
1610	504(E)5520	42" F-SHAPED PARAPET			LF	947.300	125.00000	118,412.50	Default	L	
1620	506(A)7230	STRUCTURAL STEEL A36			LB	792.000	4.00000	3,168.00	Default	L	
1630	507(C)8400	ELASTOMERIC BEARING PADS			EA	8.000	780.00000	6,240.00	Default	L	
1640	509(A)0210	CLASS AA CONCRETE			CY	172.900	850.00000	146,965.00	Default	L	
1650	509(B)0320	CLASS A CONCRETE			CY	47.600	960.00000	45,696.00	Default	L	
1660	509(E)0600	CLASS P CONCRETE			CY	1,029.000	2,400.00000	2,469,600.00	Default	L	
1670	510(C)1450	SLOPE WALL (5")			SY	262.000	290.00000	75,980.00	Default	L	
1680	511(A)2210	REINFORCING STEEL			LB	5,956.000	1.55000	9,231.80	Default	L	
1690	511(B)2310	EPOXY COATED REINFORCING STEEL			LB	233,815.000	1.80000	420,867.00	Default	L	
1700	515(A)7200	WATER REPELLENT (VISUALLY INSPECTED)			SY	2,762.000	6.00000	16,572.00	Default	L	

**Detail Cost Estimate**

**Project ID:0903208**

**Federal Project Number:**

**Project Description:I-35 and I-240 Interchange (PH IV)**

Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
1710	516(A)8215	DRILLED SHAFTS 30" DIAMETER			LF	80.000	420.00000	33,600.00	Default	L
1720	516(A)8225	DRILLED SHAFTS 42" DIAMETER			LF	160.000	790.00000	126,400.00	Default	L
1730	516(A)8255	DRILLED SHAFTS 84" DIAMETER			LF	22.000	2,600.00000	57,200.00	Default	L
1740	516(C)8400	CROSSHOLE SONIC LOGGING			EA	3.000	2,400.00000	7,200.00	Default	L
1750	613(H)6205	6" PERFORATED PIPE UNDERDRAIN ROUND			LF	102.700	45.00000	4,621.50	Default	L
1760	613(I)6310	6" NON-PERF.PIPE UNDERDRAIN RND.			LF	60.000	40.00000	2,400.00	Default	L

**Category Total:** \$3,779,694.30

**Category** 0300

Traffic

**Alternate Set**

**Alternate Member**

**Funding Source(s) and Participation:** 0000

Default Funding for Design

100 %

**Fed Work Class:**

**Fed Construction Class:**

**Category Length: 0**

**Category Work Class:**

**Category Width: 0**

1770	857(A)9205	CONSTRUCTION TRAFFIC STR. (PAINT)(6" WIDE)			LF	28,735.000	0.60000	17,241.00	Default	L
1780	857(C)9405	REMOVABLE PAVEMENT MARKING TAPE(6" WIDE)			LF	57,840.000	1.90000	109,896.00	Default	L
1790	857(F)9700	PAVEMENT MRKNG.REMOVAL(TRAF.STRP)			LF	57,840.000	0.30000	17,352.00	Default	L
1800	858(A)0220	PAVE.MARKERS CLASS A TYPE 2-B			EA	4,400.000	4.00000	17,600.00	Default	L
1810	858(A)0232	PAVE.MARKERS CLASS A TYPE 2-E			EA	2,200.000	9.00000	19,800.00	Default	L



Detail Cost Estimate

Project ID:0903208

Federal Project Number:

Project Description:I-35 and I-240 Interchange (PH IV)

Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
1820	877(B)4300	DELIVER PORTABLE LONGITUDINAL BARRIER			LF	12,168.000	25.00000	304,200.00	Default	L
1830	877(C)4400	RELOCATION OF PORT. LONGITUDINAL BARRIER			LF	7,776.000	7.00000	54,432.00	Default	L
1840	880(B)6300	CONSTRUCTION SIGNS 0 TO 6.25 SF			SD	6,300.000	0.50000	3,150.00	Default	L
1850	880(B)6310	CONSTRUCTION SIGNS 6.26 SF TO 15.99 SF			SD	350.000	1.10000	385.00	Default	L
1860	880(B)6320	CONSTRUCTION SIGNS 16.0 SF TO 32.99 SF			SD	7,350.000	2.00000	14,700.00	Default	L
1870	880(C)6410	CONSTRUCTION BARRICADES(TYPE III)			SD	350.000	1.40000	490.00	Default	L
1880	880(E)6607	WARNING LIGHTS(TYPE B)			SD	7,700.000	1.00000	7,700.00	Default	L
1890	880(F)6700	DRUMS			SD	1,400.000	0.90000	1,260.00	Default	L
1900	880(G)6805	CHANNELIZER CONES			SD	100.000	4.00000	400.00	Default	L
1910	880(L)7310	(SP) TRAFFIC SURVEILLANCE, OHP (NON-BID)			HOUR	4,500.000	77.00000	346,500.00	Default	F L
1920	882 8100	(SP)SMART WORK ZONE SYSTEM			SD	642.000	100.00000	64,200.00	Default	L
1930	882 8105	(SP)SMART WK. ZONE SYS.-PORT.CHNG.MSG.SN			SD	23,112.000	25.00000	577,800.00	Default	L
1940	882 8110	(SP)SMART WK. ZONE SYS.-PORT.TRAF.SENSOR			SD	16,050.000	10.00000	160,500.00	Default	L
1950	882 8115	(SP)SMART WK ZONE SYS-PAN-TILT-ZOOM CMRA			SD	1,284.000	35.00000	44,940.00	Default	L
1960	882 8120	(SP)SMART WK. ZONE SYS.-WEBSITE SYSTEM			SD	642.000	80.00000	51,360.00	Default	L
1970	882 8125	(PL)SMART WORK ZONE SYSTEM SETUP			EA	1.000	50,000.00000	50,000.00	Default	L
1980	882(A)8210	PORT.CHANGEABLE MESSAGE SIGN			SD	1,400.000	20.00000	28,000.00	Default	L

Category Total: \$1,891,906.00



Detail Cost Estimate

Project ID:0903208

Federal Project Number:

Project Description:I-35 and I-240 Interchange (PH IV)

Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
<b>Category</b>		0301	Traffic Signing & Striping		<b>Alternate Set</b>		<b>Alternate Member</b>			
<b>Funding Source(s) and Participation:</b>			0000	Default Funding for Design			100 %			
<b>Fed Work Class:</b>										
<b>Fed Construction Class:</b>										
<b>Category Work Class:</b>										
		<b>Category Length: 0</b>								
		<b>Category Width: 0</b>								
1990	509(D)0500	CLASS C CONCRETE			CY	95.620	425.00000	40,638.50	Default	L
2000	511(A)2200	REINFORCING STEEL			LB	3,934.000	1.60000	6,294.40	Default	L
2010	516(A)8240	DRILLED SHAFTS 60" DIAMETER			LF	595.000	1,280.00000	761,600.00	Default	L
2020	804(A)2200	STRUCTURAL CONCRETE			CY	15.380	1,300.00000	19,994.00	Default	L
2030	804(B)2300	REINFORCING STEEL			LB	3,404.000	3.10000	10,552.40	Default	L
2040	850(A)1200	SHEET ALUMINUM SIGNS			SF	265.500	40.00000	10,620.00	Default	L
2050	850(B)1310	EXTRUDED ALUMINUM PANEL SIGNS			SF	1,027.030	45.00000	46,216.35	Default	L
2060	850(B)1320	EXTR.ALUM.PAN.SGN.(OVRHD SIGNS)			SF	5,880.750	43.00000	252,872.25	Default	L
2070	851(A)2200	4"@13 GALV.STL.WD.FLANGE BM.POST			LF	89.000	52.00000	4,628.00	Default	L
2080	851(A)2210	6"@20 GALV.STL.WD.FLANGE BM.POST			LF	230.700	61.00000	14,072.70	Default	L
2090	851(A)2220	8"@31 GALV.STL.WD.FLANGE BM.POST			LF	174.300	90.00000	15,687.00	Default	L
2100	851(B)2305	2"@3.65 GALV.STL.PIPE POST			LF	24.000	25.50000	612.00	Default	L



**Detail Cost Estimate**

**Project ID:0903208**

**Federal Project Number:**

**Project Description:I-35 and I-240 Interchange (PH IV)**

Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
2110	851(B)2310	2 1/2" @5.79 GALV.STL.PIPE POST			LF	109.000	31.00000	3,379.00	Default	L
2120	851(C)2415	2" SQUARE TUBE POST			LF	290.000	12.75000	3,697.50	Default	L
2130	852(D)3504	OVHD.SN.STR., MONOTUBE TYPE B 55'			EA	4.000	155,000.00000	620,000.00	Default	L
2140	852(D)3506	OVHD.SN.STR., MONOTUBE TYPE B 60'			EA	2.000	160,000.00000	320,000.00	Default	L
2150	852(D)3516	OVHD.SN.STR., MONOTUBE TYPE B 75'			EA	2.000	205,000.00000	410,000.00	Default	L
2160	852(E)3600	OVHD.SN.STR., MONOTUBE TYPE C			EA	1.000	100,000.00000	100,000.00	Default	L
2170	856(A)8204	TRAFFIC STRIPE(MULTI-POLY.)(6" WIDE)			LF	50,801.000	1.00000	50,801.00	Default	L
2180	856(A)8212	TRAFFIC STRIPE(MULTI-POLY.)(12" WIDE)			LF	14,900.000	2.00000	29,800.00	Default	L
2190	856(A)8216	TRAFFIC STRIPE(MULTI-POLY.)(24" WIDE)			LF	500.000	13.00000	6,500.00	Default	L
2200	856(B)8304	TRAFFIC STRIPE(MULTI-POLY.)(ARROWS)			EA	2.000	250.00000	500.00	Default	L
2210	857(F)9700	PAVEMENT MRKNG.REMOVAL(TRAF.STRP)			LF	25,000.000	0.50000	12,500.00	Default	L
2220	858(A)0224	PAVE.MARKERS CLASS A TYPE 2-C			EA	433.000	7.40000	3,204.20	Default	L
2230	870(A)1100	SAND FILLED IMPACT ATTEN.MODULE			EA	266.000	525.00000	139,650.00	Default	L

**Category Total:** \$2,883,819.30

**Category 0302**

**Lighting**

**Alternate Set**

**Alternate Member**

**Funding Source(s) and Participation:** 0000

Default Funding for Design

100 %

**Detail Cost Estimate**

**Project ID: 0903208**

**Federal Project Number:**

**Project Description: I-35 and I-240 Interchange (PH IV)**

Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
<b>Fed Work Class:</b>										
<b>Fed Construction Class:</b>										
<b>Category Work Class:</b>										
								<b>Category Length: 0</b>		
								<b>Category Width: 0</b>		
2240	509(B)0320	CLASS A CONCRETE			CY	33.720	950.00000	32,034.00	Default	L
2250	802(A)0200	3/4" GALV.STEEL ELECT.COND. EXPOSED			LF	190.000	40.00000	7,600.00	Default	L
2260	802(A)0220	1 1/4" GALV.STEEL ELECT.COND. EXPOSED			LF	80.000	50.00000	4,000.00	Default	L
2270	802(B)0320	2" PVC SCH.40 PLASTIC CONDUIT BORED			LF	395.000	46.00000	18,170.00	Default	L
2280	802(B)0324	2" PVC SCH.40 PLASTIC CONDUIT TRENCHED			LF	1,055.000	20.00000	21,100.00	Default	L
2290	802(C)0430	2" HIGH DENSITY PE PIPE - TRENCHED			LF	2,195.000	16.30000	35,778.50	Default	L
2300	802(E)0610	JUNCTION BOX(8" X 8" X 6")			EA	4.000	1,200.00000	4,800.00	Default	L
2310	803(A)1200	PULL BOX			EA	13.000	2,450.00000	31,850.00	Default	L
2320	803(A)1210	PULL BOX(SIZE I)			EA	8.000	2,200.00000	17,600.00	Default	L
2330	804(A)2200	STRUCTURAL CONCRETE			CY	480.000	1,300.00000	624,000.00	Default	L
2340	804(B)2300	REINFORCING STEEL			LB	5,640.000	3.10000	17,484.00	Default	L
2350	805(A)3228	(PL)REMOVAL OF LIGHT POLE			EA	32.000	470.00000	15,040.00	Default	L
2360	806(D)4608	36' MTG.HT.HL.PTP.(G.STL.)			EA	12.000	7,800.00000	93,600.00	Default	L
2370	807 5120	BREAKAWAY BASE (DES. B)			EA	10.000	1,200.00000	12,000.00	Default	L
2380	809(A)7200	ROADWAY LUMINAIRE			EA	35.000	2,300.00000	80,500.00	Default	L
2390	809(B)7300	UNDERPASS LUMINAIRE			EA	6.000	1,550.00000	9,300.00	Default	L



**Detail Cost Estimate**

**Project ID: 0903208**

**Federal Project Number:**

**Project Description: I-35 and I-240 Interchange (PH IV)**

Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
2400	810(A)8200	SERVICE POLE			EA	1.000	6,000.00000	6,000.00	Default	L
2410	811 9115	1/C NO.4 ELECT.COND.			LF	10,100.000	2.25000	22,725.00	Default	L
2420	811 9130	1/C NO.10 ELECT.COND.			LF	490.000	2.75000	1,347.50	Default	L
2430	811 9135	1/C NO.12 ELECT.COND.			LF	4,625.000	1.80000	8,325.00	Default	L
2440	812 0140	140' HIGH MAST POLE(G.STL.)			EA	16.000	80,000.00000	1,280,000.00	Default	L

**Category Total: \$2,343,254.00**

**Category 0600 Staking Alternate Set Alternate Member**  
**Funding Source(s) and Participation: 0000 Default Funding for Design 100 %**  
**Fed Work Class:**  
**Fed Construction Class:** **Category Length: 0**  
**Category Work Class:** **Category Width: 0**

2450	642(B)3300	CONSTRUCTION STAKING LEVEL II			LSUM	1.000	50,000.00000	50,000.00	Default	L B
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**Category Total: \$50,000.00**

**Category 0640 Construction Alternate Set Alternate Member**  
**Funding Source(s) and Participation: 0000 Default Funding for Design 100 %**



**Detail Cost Estimate**

**Project ID:0903208**

**Federal Project Number:**

**Project Description:I-35 and I-240 Interchange (PH IV)**

Line #	Ref. ID	Description	Alt. Set	Alt. Member	Units	Qty.	Price	Ext. Amount	Fund Package ID	Flags*
<b>Fed Work Class:</b>										
<b>Fed Construction Class:</b>										
<b>Category Work Class:</b>										
								<b>Category Length: 0</b>		
								<b>Category Width: 0</b>		
2460	220 1100	SWPPP DOCUMENTATION AND MANAGEMENT			LSUM	1.000	7,000.00000	7,000.00	Default	LB
2470	641 2110	MOBILIZATION			LSUM	1.000	1,850,000.00000	1,850,000.00	Default	LB
<b>Category Total:</b>								<b>\$1,857,000.00</b>		

**Estimate Total 0903208**

**\$46,154,322.35**

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

**Detail Estimate Funding Summary**

**Project ID:** 0903208

**Project Description:** I-35 and I-240 Interchange (PH IV)

Category	Cost	E&C Percent	E&C Amount	Total	Funding Package	Fund	Funding Amount
<b>0100</b>	<b>Roadway</b>						
	16,275,950.75	6.00 %	976,557.05	17,252,507.80	Default	0000	17,252,507.80
<b>Total For Category</b>							<b>\$17,252,507.80</b>
<b>0200</b>	<b>"Bridge "A</b>						
	11,311,766.00	6.00 %	678,705.96	11,990,471.96	Default	0000	11,990,471.96
<b>Total For Category</b>							<b>\$11,990,471.96</b>
<b>0201</b>	<b>"Bridge "C</b>						
	2,740,429.00	6.00 %	164,425.74	2,904,854.74	Default	0000	2,904,854.74
<b>Total For Category</b>							<b>\$2,904,854.74</b>
<b>0202</b>	<b>"Bridge "D</b>						
	3,020,503.00	6.00 %	181,230.18	3,201,733.18	Default	0000	3,201,733.18
<b>Total For Category</b>							<b>\$3,201,733.18</b>
<b>0203</b>	<b>"Bridge "L</b>						
	3,779,694.30	6.00 %	226,781.66	4,006,475.96	Default	0000	4,006,475.96
<b>Total For Category</b>							<b>\$4,006,475.96</b>

**Detail Estimate Funding Summary**

**Project ID:** 0903208

**Project Description:** I-35 and I-240 Interchange (PH IV)

Category	Cost	E&C Percent	E&C Amount	Total	Funding Package	Fund	Funding Amount
<b>0300</b>	<b>Traffic</b>						
	1,891,906.00	6.00 %	113,514.35	2,005,420.35	Default	0000	2,005,420.35
<b>Total For Category</b>							<b>\$2,005,420.35</b>
<b>0301</b>	<b>Traffic Signing &amp; Striping</b>						
	2,883,819.30	6.00 %	173,029.16	3,056,848.46	Default	0000	3,056,848.46
<b>Total For Category</b>							<b>\$3,056,848.46</b>
<b>0302</b>	<b>Lighting</b>						
	2,343,254.00	6.00 %	140,595.24	2,483,849.24	Default	0000	2,483,849.24
<b>Total For Category</b>							<b>\$2,483,849.24</b>
<b>0600</b>	<b>Staking</b>						
	50,000.00	0.00 %	0.00	50,000.00	Default	0000	50,000.00
<b>Total For Category</b>							<b>\$50,000.00</b>
<b>0640</b>	<b>Construction</b>						
	1,857,000.00	6.00 %	111,420.00	1,968,420.00	Default	0000	1,968,420.00
<b>Total For Category</b>							<b>\$1,968,420.00</b>



**Detail Estimate Funding Summary**

**Project ID:** 0903208

**Project Description:** I-35 and I-240 Interchange (PH IV)

Category	Cost	E&C Percent	E&C Amount	Total	Funding Package	Fund	Funding Amount
					<b>Project Total</b>	<b>0903208</b>	<b>\$48,920,581.69</b>



**Detail Estimate Funding Summary By Fund**

**Project ID:** 0903208

**Project Description:** I-35 and I-240 Interchange (PH IV)

Fund ID	Category ID		Cost	E&C Amount	Total	Funding Amount	
<b>Fund ID:</b>	<b>0000</b>	<b>Fund Desc:</b>	<b>Default Funding for Design</b>				
<b>Category ID:</b>	<b>0300</b>	<b>Category Desc:</b>	Traffic	1,891,905.99	113,514.36	2,005,420.35	2,005,420.35
<b>Category ID:</b>	<b>0100</b>	<b>Category Desc:</b>	Roadway	16,275,950.76	976,557.04	17,252,507.80	17,252,507.80
<b>Category ID:</b>	<b>0600</b>	<b>Category Desc:</b>	Staking	50,000.00	0.00	50,000.00	50,000.00
<b>Category ID:</b>	<b>0640</b>	<b>Category Desc:</b>	Construction	1,857,000.00	111,420.00	1,968,420.00	1,968,420.00
<b>Category ID:</b>	<b>0200</b>	<b>Category Desc:</b>	Bridge "A"	11,311,766.00	678,705.96	11,990,471.96	11,990,471.96
<b>Category ID:</b>	<b>0201</b>	<b>Category Desc:</b>	Bridge "C"	2,740,429.00	164,425.74	2,904,854.74	2,904,854.74
<b>Category ID:</b>	<b>0202</b>	<b>Category Desc:</b>	Bridge "D"	3,020,503.00	181,230.18	3,201,733.18	3,201,733.18
<b>Category ID:</b>	<b>0203</b>	<b>Category Desc:</b>	Bridge "L"	3,779,694.30	226,781.66	4,006,475.96	4,006,475.96
<b>Category ID:</b>	<b>0301</b>	<b>Category Desc:</b>	Traffic Signing & Striping	2,883,819.30	173,029.16	3,056,848.46	3,056,848.46
<b>Category ID:</b>	<b>0302</b>	<b>Category Desc:</b>	Lighting	2,343,254.00	140,595.24	2,483,849.24	2,483,849.24
<b>Fund 0000</b>			<b>Total</b>	<b>\$46,154,322.35</b>	<b>\$2,766,259.34</b>	<b>\$48,920,581.69</b>	<b>\$48,920,581.69</b>
<b>Project Total 0903208</b>						<b>\$48,920,581.69</b>	





**Detail Estimate Funding Summary By Unit**

**Project ID:** 0903208

**Project Description:** I-35 and I-240 Interchange (PH IV)

Unit	Cost	E&C Amount	Total	Funding Amount
<b>Fund ID: 0000</b>		<b>Fund Desc.: Default Funding for Design</b>		
None	46,154,322.35	2,766,259.34	48,920,581.69	48,920,581.69
<b>Fund 0000 Totals</b>		<b>\$46,154,322.35</b>	<b>\$2,766,259.34</b>	<b>\$48,920,581.69</b>
<b>Project Total 0903208</b>		<b>\$46,154,322.35</b>	<b>\$2,766,259.34</b>	<b>\$48,920,581.69</b>