

Estimate 20344

Estimated Cost:\$97,286,414.00

Contingency: 19.50%

Estimated Total: \$116,257,264.73

STA-30-18.35 City of Canton; Village of East Canton; Canton Twp,, Stark County. Relocation of approx. 3 miles of U.S. 30 on new alignment from Trump Ave. to S.R. 44.Stage Resubmission Estimate 12/15/2015. New four lane highway. Asphalt Pavement Alternative

Base Date: 02/06/17

Spec Year: 16

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: SUPERPAVE ASPHALT CONCRETE

Urban/Rural Type: RURAL CLASS

Season: SUMMER

County: STARK

Latitude of Midpoint: 0

Longitude of Midpoint: 0

District: 04

Federal/State Project Number: E040729/448290

Estimate Type: Stage 2 (Preliminary)

Prepared by Steven Gealy P.E. on 02/02/17
Checked by W. Brian Hughes, P.E. on 02/02/17

<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	201E11001 CLEARING AND GRUBBING, AS PER PLAN	1.000	LS	\$900,000.00000	\$900,000.00
0006	202E20010 HEADWALL REMOVED	3.000	EACH	\$352.46824	\$1,057.40
0007	202E23000 PAVEMENT REMOVED	4,969.000	SY	\$7.61422	\$37,835.06
0008	202E23010 PAVEMENT REMOVED, ASPHALT	19,654.000	SY	\$3.49403	\$68,671.67
0009	202E30700 CONCRETE BARRIER REMOVED	1,630.000	FT	\$11.39860	\$18,579.72
0010	202E32000 CURB REMOVED	774.000	FT	\$3.98597	\$3,085.14
0011	202E35100 PIPE REMOVED, 24" AND UNDER	3,858.000	FT	\$11.44793	\$44,166.11
0012	202E35200 PIPE REMOVED, OVER 24"	290.000	FT	\$21.29543	\$6,175.67
0013	202E38000 GUARDRAIL REMOVED	1,832.000	FT	\$1.43951	\$2,637.18
0014	202E42010 ANCHOR ASSEMBLY REMOVED, TYPE E	13.000	EACH	\$164.99136	\$2,144.89
0015	202E53100 MAILBOX REMOVED	10.000	EACH	\$39.32676	\$393.27
0016	202E56100 BUILDING DEMOLISHED , PARCEL 3, 2 STORY WOOD FRAME HOUSE	1.000	EACH	\$15,000.00000	\$15,000.00
0017	202E56100 BUILDING DEMOLISHED , PARCEL 17, 1-STORY BLOCK GAS PUMP HOUSE	1.000	EACH	\$7,500.00000	\$7,500.00
0018	202E56100 BUILDING DEMOLISHED , PARCEL 18, 1-4'X3' BLOCK GAS HOUSE	1.000	EACH	\$2,000.00000	\$2,000.00
0019	202E56100 BUILDING DEMOLISHED , PARCEL 25, 2-STORY FRAMED HOUSE, 2-CAR DETACHED GARAGE, (2) SHEDS	1.000	EACH	\$20,000.00000	\$20,000.00
0020	202E56100 BUILDING DEMOLISHED , PARCEL 26, 1.5-STORY FRAMED HOUSE, 3-CAR DETACHED GARAGE, SHED, BARN	1.000	EACH	\$18,000.00000	\$18,000.00
0021	202E56100 BUILDING DEMOLISHED , PARCEL 27, 1-STORY FRAMED HOUSE, SHED	1.000	EACH	\$12,000.00000	\$12,000.00
0022	202E56100	1.000	EACH	\$20,000.00000	\$20,000.00

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	BUILDING DEMOLISHED , PARCEL 32, 2-STORY FRAMED HOUSE, 2-CAR DETACHED GARAGE, SHED, BARN				
0023	202E56100	1.000	EACH	\$3,000.00000	\$3,000.00
	BUILDING DEMOLISHED , PARCEL 40, SHED				
0024	202E56100	1.000	EACH	\$15,000.00000	\$15,000.00
	BUILDING DEMOLISHED , PARCEL 46, 1.5-STORY BRICK HOUSE, 2-CAR DETACHED BRCK GARAGE				
0025	202E56100	1.000	EACH	\$20,000.00000	\$20,000.00
	BUILDING DEMOLISHED , PARCEL 70, 1-STORY BRICK HOUSE, 2-CAR BRICK GARAGE, 1-STORY FRAMED STORAGE BUI				
0026	202E56100	1.000	EACH	\$4,000.00000	\$4,000.00
	BUILDING DEMOLISHED , PARCEL 72, 1-CAR FRAMED GARAGE				
0027	202E58000	1.000	EACH	\$479.58550	\$479.59
	MANHOLE REMOVED				
0028	202E58300	28.000	EACH	\$349.41115	\$9,783.51
	CATCH BASIN OR INLET REMOVED				
0029	202E64000	3.000	EACH	\$20,000.00000	\$60,000.00
	SPECIAL - PLUGGING AND VENTING GAS AND/OR OIL WELL				
0031	202E75000	5,562.000	FT	\$1.45092	\$8,070.02
	FENCE REMOVED				
0032	202E98000	1.000	LS	\$20,000.00000	\$20,000.00
	REMOVAL MISC.: BRICK CULVERT AND HEADWALLS				
0033	202E98100	2.000	EACH	\$1,500.00000	\$3,000.00
	REMOVAL MISC.: BASKETBALL COURT WITH HOOPS				
0034	202E98100	2.000	EACH	\$750.00000	\$1,500.00
	REMOVAL MISC.: BOAT DOCK				
0035	202E98100	1.000	EACH	\$1,000.00000	\$1,000.00
	REMOVAL MISC.: OLD SILO WITH MASONRY RUINS				
0036	202E98100	1.000	EACH	\$750.00000	\$750.00
	REMOVAL MISC.: FOOT BRIDGE				
0037	202E98100	27.000	EACH	\$150.00000	\$4,050.00
	REMOVAL MISC.: BOLLARD OR POST				
0038	202E98100	3.000	EACH	\$750.00000	\$2,250.00
	REMOVAL MISC.: GAS AND OIL CONCRETE PADS				
0039	202E98100	2.000	EACH	\$2,000.00000	\$4,000.00
	REMOVAL MISC.: ABANDONED STORAGE TANK				
0040	202E98600	11.000	EACH	\$1,250.00000	\$13,750.00
	ABANDON MISC.: MONITORING WELL				
0041	203E10000	1,384,511.000	CY	\$4.42227	\$6,122,681.46
	EXCAVATION				

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0042	203E20000 EMBANKMENT	1,025,035.000	CY	\$4.16000	\$4,264,145.60
0043	203E20000 EMBANKMENT , SUBGRADE STABILIZATION	11,419.000	CY	\$4.16000	\$47,503.04
0044	204E10000 SUBGRADE COMPACTION	187,655.000	SY	\$0.76614	\$143,770.00
0046	204E20000 EMBANKMENT	18,605.000	CY	\$9.60000	\$178,608.00
0047	204E30010 GRANULAR MATERIAL, TYPE B	6,143.000	CY	\$44.93514	\$276,036.57
0048	204E30020 GRANULAR MATERIAL, TYPE C	6,191.000	CY	\$31.47193	\$194,842.72
0049	204E45000 PROOF ROLLING	63.000	HOUR	\$197.90082	\$12,467.75
0050	204E50000 GEOTEXTILE FABRIC	10,358.000	SY	\$1.25833	\$13,033.78
0051	209E60201 LINEAR GRADING, AS PER PLAN	158.000	STA	\$256.61015	\$40,544.40
0052	606E15050 GUARDRAIL, TYPE MGS	15,097.000	FT	\$12.50000	\$188,712.50
0053	606E15100 GUARDRAIL, TYPE MGS WITH LONG POSTS	212.500	FT	\$17.44890	\$3,707.89
0054	606E15150 GUARDRAIL, TYPE MGS HALF POST SPACING	50.000	FT	\$20.59202	\$1,029.60
0055	606E15550 GUARDRAIL, BARRIER DESIGN, TYPE MGS	200.000	FT	\$20.00000	\$4,000.00
0056	606E20050 ROUNDED END SECTION	4.000	EACH	\$46.76500	\$187.06
0057	606E26050 ANCHOR ASSEMBLY, MGS TYPE B	6.000	EACH	\$1,530.64296	\$9,183.86
0058	606E26150 ANCHOR ASSEMBLY, MGS TYPE E	25.000	EACH	\$1,648.51995	\$41,213.00
0059	606E26550 ANCHOR ASSEMBLY, MGS TYPE T	26.000	EACH	\$755.99954	\$19,655.99
0060	606E35002 MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	16.000	EACH	\$1,946.63912	\$31,146.23

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0061	606E35100 BRIDGE TERMINAL ASSEMBLY, TYPE 2	5.000	EACH	\$258.93815	\$1,294.69
0062	606E60012 IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL)	4.000	EACH	\$3,460.53912	\$13,842.16
0063	607E15000 FENCE, TYPE 47	31,237.000	FT	\$4.39782	\$137,374.70
0064	608E10000 4" CONCRETE WALK	48.000	SF	\$4.43119	\$212.70
0065	608E52000 CURB RAMP	24.000	SF	\$19.00000	\$456.00
0066	623E38500 MONUMENT ASSEMBLY	27.000	EACH	\$787.63750	\$21,266.21
0067	690E50100 SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE	6.000	EACH	\$138.24437	\$829.47
0068	690E98000 SPECIAL - VERTICAL CLEARANCE	10.000	EACH	\$360.00000	\$3,600.00
0069	690E98000 SPECIAL - SETTLEMENT PLATFORM	9.000	EACH	\$1,200.00000	\$10,800.00
0070	690E98000 SPECIAL - REBAR SETTLEMENT POINTS	42.000	EACH	\$600.00000	\$25,200.00
0071	861E10000 GEOGRID FOR SUBGRADE STABILIZATION	3,239.000	SY	\$2.10706	\$6,824.77

Total for Group 0100:\$13,164,049.38

Group 0200: Erosion Control

0072	601E11000 RIPRAP USING 6" REINFORCED CONCRETE SLAB	152.000	SY	\$107.10282	\$16,279.63
0073	601E20000 CRUSHED AGGREGATE SLOPE PROTECTION	2,100.000	SY	\$24.56487	\$51,586.23
0074	601E21000 CONCRETE SLOPE PROTECTION	1,705.000	SY	\$70.00000	\$119,350.00
0075	601E21060 TIED CONCRETE BLOCK MAT, TYPE 2	40.000	SY	\$91.55509	\$3,662.20
0076	601E32000 ROCK CHANNEL PROTECTION, TYPE A WITH FILTER	321.000	CY	\$72.57538	\$23,296.70

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0077	601E32100 ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	16.000	CY	\$124.82847	\$1,997.26
0078	601E32200 ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	88.000	CY	\$101.54350	\$8,935.83
0079	601E34200 ROCK CHANNEL PROTECTION, TYPE C WITHOUT FILTER	300.000	CY	\$103.20080	\$30,960.24
0080	659E00100 SOIL ANALYSIS TEST	6.000	EACH	\$52.30874	\$313.85
0081	659E00300 TOPSOIL	50,796.000	CY	\$7.99610	\$406,169.90
0082	659E10000 SEEDING AND MULCHING	457,621.000	SY	\$1.00000	\$457,621.00
0083	659E14000 REPAIR SEEDING AND MULCHING	22,881.000	SY	\$0.80000	\$18,304.80
0084	659E15000 INTER-SEEDING	22,881.000	SY	\$0.10000	\$2,288.10
0085	659E20000 COMMERCIAL FERTILIZER	63.820	TON	\$527.49862	\$33,664.96
0086	659E31000 LIME	94.550	ACRE	\$25.60587	\$2,421.04
0087	659E35000 WATER	2,533.000	MGAL	\$0.65374	\$1,655.92
0088	659E40000 MOWING	1,030.000	MSF	\$0.79372	\$817.53
0089	670E00700 DITCH EROSION PROTECTION	26,223.000	SY	\$1.50000	\$39,334.50
0090	832E15000 STORM WATER POLLUTION PREVENTION PLAN	1.000	LS	\$75,000.00000	\$75,000.00
0091	832E30000 EROSION CONTROL	350,000.000	EACH	\$1.00000	\$350,000.00
0092	836E10000 SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1	3,816.000	SY	\$3.96654	\$15,136.32
0093	836E10020 SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 2	1,520.000	SY	\$3.14493	\$4,780.29
0094	836E10030	433.000	SY	\$9.42110	\$4,079.34

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SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 3

Total for Group 0200:\$1,667,655.64

Group 0250: Environmental/Remediation

0095	MINE REMEDIATION	1.000	LS	\$22,252,593.00000	\$22,252,593.00
0096	690E70000 SPECIAL - ENVIRONMENTAL, MISC.:STREAM MITIGATION 3190*1.5= 4785 CREDITS@\$280/CREDIT	1.000	LS	\$1,339,800.00000	\$1,339,800.00
0097	690E75000 SPECIAL - WETLAND MITIGATION 1.3 ACRES*2.0=2.6 CREDITS ; 2.6 CREDITS @\$45,000/CREDIT	1.000	LS	\$117,000.00000	\$117,000.00

Total for Group 0250:\$23,709,393.00

Group 0300: Drainage

0098	602E20000 CONCRETE MASONRY	40.800	CY	\$1,127.67147	\$46,009.00
0099	605E11111 6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC, AS PER P LAN	45,115.000	FT	\$8.10000	\$365,431.50
0100	605E13411 6" UNCLASSIFIED PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC, AS PER PLAN	2,566.000	FT	\$8.10000	\$20,784.60
0101	605E13510 6" ROCK CUT UNDERDRAINS WITH GEOTEXTILE FABRIC	5,737.000	FT	\$8.75000	\$50,198.75
0102	605E14021 6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC, AS PER PLAN	45,593.000	FT	\$7.25000	\$330,549.25
0103	611E00900 6" CONDUIT, TYPE B , 707.33 OR 707.35	1,239.000	FT	\$20.39488	\$25,269.26
0104	611E01500 6" CONDUIT, TYPE F , 707.33 OR 707.35	1,922.000	FT	\$11.24794	\$21,618.54
0105	611E04400 12" CONDUIT, TYPE B	838.000	FT	\$66.58883	\$55,801.44
0106	611E04600 12" CONDUIT, TYPE C	24.000	FT	\$66.47309	\$1,595.35
0107	611E04900 12" CONDUIT, TYPE D	105.000	FT	\$51.29774	\$5,386.26
0108	611E05900 15" CONDUIT, TYPE B	1,598.000	FT	\$70.27743	\$112,303.33
0109	611E06100 15" CONDUIT, TYPE C	1,809.000	FT	\$39.01000	\$70,569.09

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0110	611E06400 15" CONDUIT, TYPE D	129.000	FT	\$58.22852	\$7,511.48
0111	611E06700 15" CONDUIT, TYPE F	506.000	FT	\$80.22224	\$40,592.45
0112	611E07400 18" CONDUIT, TYPE B	808.000	FT	\$73.70420	\$59,552.99
0113	611E07600 18" CONDUIT, TYPE C	322.000	FT	\$64.20367	\$20,673.58
0114	611E07900 18" CONDUIT, TYPE D	215.000	FT	\$55.00000	\$11,825.00
0115	611E08200 18" CONDUIT, TYPE F	148.000	FT	\$57.86137	\$8,563.48
0116	611E08900 21" CONDUIT, TYPE B	83.000	FT	\$113.24919	\$9,399.68
0117	611E09100 21" CONDUIT, TYPE C	257.000	FT	\$78.39127	\$20,146.56
0118	611E10200 24" CONDUIT, TYPE A	113.000	FT	\$117.93195	\$13,326.31
0119	611E10400 24" CONDUIT, TYPE B	265.000	FT	\$96.56075	\$25,588.60
0120	611E10600 24" CONDUIT, TYPE C	972.000	FT	\$51.85000	\$50,398.20
0121	611E13200 30" CONDUIT, TYPE A	304.000	FT	\$140.00000	\$42,560.00
0122	611E16200 36" CONDUIT, TYPE A, 706.03	275.000	FT	\$160.00000	\$44,000.00
0123	611E16400 36" CONDUIT, TYPE B	105.000	FT	\$163.45976	\$17,163.27
0124	611E16600 36" CONDUIT, TYPE C	502.000	FT	\$87.43245	\$43,891.09
0125	611E20700 48" CONDUIT, TYPE A, 706.03	275.000	FT	\$221.63068	\$60,948.44
0126	611E22200 54" CONDUIT, TYPE A, 706.03	562.000	FT	\$345.07792	\$193,933.79
0127	611E23600	266.000	FT	\$280.00000	\$74,480.00

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	60" CONDUIT, TYPE A, 706.03 , 706.03				
0129	611E34000	401.000	FT	\$450.00000	\$180,450.00
	120" CONDUIT, TYPE A , 706.03				
0130	611E98180	13.000	EACH	\$2,364.81224	\$30,742.56
	CATCH BASIN, NO. 3A				
0131	611E98230	22.000	EACH	\$4,220.97564	\$92,861.46
	CATCH BASIN, NO. 4				
0132	611E98270	2.000	EACH	\$4,987.10628	\$9,974.21
	CATCH BASIN, NO. 4A				
0133	611E98300	11.000	EACH	\$4,090.77517	\$44,998.53
	CATCH BASIN, NO. 5				
0134	611E98341	2.000	EACH	\$4,000.00000	\$8,000.00
	CATCH BASIN, NO. 5A				
0135	611E98410	9.000	EACH	\$3,391.76289	\$30,525.87
	CATCH BASIN, NO. 8				
0136	611E98434	1.000	EACH	\$3,800.00000	\$3,800.00
	CATCH BASIN, NO. 8A				
0137	611E98450	2.000	EACH	\$1,663.30111	\$3,326.60
	CATCH BASIN, NO. 2-2A				
0138	611E98470	8.000	EACH	\$1,492.51217	\$11,940.10
	CATCH BASIN, NO. 2-2B				
0139	611E98510	1.000	EACH	\$2,089.25738	\$2,089.26
	CATCH BASIN, NO. 2-3				
0140	611E98820	4.000	EACH	\$6,000.00000	\$24,000.00
	INLET, NO. 3D				
0141	611E99574	8.000	EACH	\$3,603.39130	\$28,827.13
	MANHOLE, NO. 3				
0142	611E99710	29.000	EACH	\$261.58222	\$7,585.88
	PRECAST REINFORCED CONCRETE OUTLET				

Total for Group 0300:\$2,329,192.89

Group 0400: Pavement

0143	254E01000	2,741.000	SY	\$4.29297	\$11,767.03
	PAVEMENT PLANING, ASPHALT CONCRETE				
0144	302E46000	34,198.000	CY	\$81.47897	\$2,786,417.82
	ASPHALT CONCRETE BASE, PG64-22				

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0145	304E20000	32,948.000	CY	\$39.12035	\$1,288,937.29
AGGREGATE BASE					
0146	407E20000	19,598.000	GAL	\$3.25789	\$63,848.13
TACK COAT, TRACKLESS TACK					
0147	411E10000	424.000	CY	\$51.34703	\$21,771.14
STABILIZED CRUSHED AGGREGATE					
0148	441E10101	559.000	CY	\$150.00000	\$83,850.00
ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), AS PER PLAN , PG64-22					
0149	441E10200	630.000	CY	\$126.85361	\$79,917.77
ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446)					
0150	441E46060	739.000	CY	\$240.96579	\$178,073.72
ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, PG64-22 (UNDER GUARDRAIL)					
0151	441E50400	22.000	CY	\$150.00000	\$3,300.00
ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS) , PG64-22					
0152	442E10001	5,538.000	CY	\$150.00000	\$830,700.00
ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS P ER PLAN					
0153	442E10051	716.000	CY	\$150.00000	\$107,400.00
ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE B (446), AS P ER PLAN					
0154	442E10100	6,453.000	CY	\$113.61341	\$733,147.33
ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE A (446)					
0155	442E10150	819.000	CY	\$138.26841	\$113,241.83
ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE B (446)					
0156	452E10020	237.000	SY	\$50.00000	\$11,850.00
6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1 WITH QC/QA					
0158	452E14120	14,167.000	SY	\$56.00000	\$793,352.00
11" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1 WITH QC/QA					
0159	609E24510	334.000	FT	\$31.26455	\$10,442.36
CURB, TYPE 4-C					
0160	609E26000	1,154.000	FT	\$23.79039	\$27,454.11
CURB, TYPE 6					
0161	617E10101	121.000	CY	\$65.00000	\$7,865.00
COMPACTED AGGREGATE, AS PER PLAN					
0162	618E40600	10.700	MILE	\$840.84910	\$8,997.09
RUMBLE STRIPS, (ASPHALT CONCRETE)					

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	<u>Supplemental Description</u>				

Total for Group 0400:\$7,162,332.62

Group 0500: Water Works

0163	638E98100	1.000	LS	\$92,000.00000	\$92,000.00
	WATER WORK, MISC.: RELOCATE 8" WATERLINE - BERGER ROAD				

Total for Group 0500:\$92,000.00

Group 0600: Sanitary Sewer

0164	611E97300	1.000	LS	\$99,000.00000	\$99,000.00
	CONDUIT, MISC.: RELOCATE 2" FORCE MAIN - WOOD				

0165	611E97300	1.000	LS	\$30,000.00000	\$30,000.00
	CONDUIT, MISC.: RELOCATE 2" FORCE MAIN - KOCH KNIGHT				

0166	611E97300	1.000	LS	\$28,000.00000	\$28,000.00
	CONDUIT, MISC.: RELOCATE 1.5" FORCE MAIN - RESCO BRICK				

0167	611E97300	1.000	LS	\$80,000.00000	\$80,000.00
	CONDUIT, MISC.: RELOCATE 2" FORCE MAIN - ROBERTO CHEESE				

0168	611E97300	1.000	LS	\$104,000.00000	\$104,000.00
	CONDUIT, MISC.: RELOCATE 6" FORCE MAIN - BERGER ROAD				

Total for Group 0600:\$341,000.00

Group 0700: Gas Line Relocation

0169	690E98400	1.000	LS	\$2,820,497.00000	\$2,820,497.00
	SPECIAL - MISC.:RELOCATE 2" GASLINE MISC.: RELOCATE DEO GAS LINES				

0170	690E98400	1.000	LS	\$1,000,000.00000	\$1,000,000.00
	SPECIAL - MISC.:RELOCATE 8" HP GASLINE MISC.: RELOCATE 10" BLUE RACER GAS LINE				

0171	690E98400	1.000	LS	\$36,000.00000	\$36,000.00
	SPECIAL - MISC.:RELOCATE 6" MP GASLINE MISC.: RELOCATE ERIC PETROLEUM				

0172	690E98400	1.000	LS	\$6,000.00000	\$6,000.00
	SPECIAL - MISC.:RELOCATE 4" MP GASLINE MISC.: RELOCATE ALLIANCE PETROLEUM				

0173	690E98400	1.000	LS	\$118,000.00000	\$118,000.00
	SPECIAL - MISC.:RELOCATE STORAGE TANKS, SEPERATORS AND MISC. APPURTENANCES MISC.: RELOCATE JMD RESOURCES				

0174	690E98400	1.000	LS	\$5,000.00000	\$5,000.00
	SPECIAL - MISC.: RELOCATE KMFAD OIL & GAS				

Total for Group 0700:\$3,985,497.00

Group 0800: Traffic Control

0175	621E00100	535.000	EACH	\$16.66435	\$8,915.43
	RPM				

0176	621E54000	31.000	EACH	\$8.52234	\$264.19
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<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	Description Supplemental Description				
	RAISED PAVEMENT MARKER REMOVED				
0177	622E41000 PORTABLE BARRIER, 32"	1,000.000	FT	\$16.29803	\$16,298.03
0178	625E32000 GROUND ROD	6.000	EACH	\$148.09738	\$888.58
0179	630E02100 GROUND MOUNTED SUPPORT, NO. 2 POST	1,081.000	FT	\$7.02417	\$7,593.13
0180	630E03100 GROUND MOUNTED SUPPORT, NO. 3 POST	727.000	FT	\$7.82400	\$5,688.05
0181	630E04100 GROUND MOUNTED SUPPORT, NO. 4 POST	235.000	FT	\$10.71150	\$2,517.20
0182	630E07500 GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X22	566.000	FT	\$30.00000	\$16,980.00
0183	630E08600 SIGN POST REFLECTOR	26.000	EACH	\$36.36779	\$945.56
0184	630E09000 BREAKAWAY STRUCTURAL BEAM CONNECTION	32.000	EACH	\$371.57687	\$11,890.46
0185	630E20600 OVERHEAD SIGN SUPPORT, TYPE TC-12.30, DESIGN 6	2.000	EACH	\$12,316.01785	\$24,632.04
0186	630E35500 OVERHEAD SIGN SUPPORT, TYPE TC-7.65, DESIGN 6	2.000	EACH	\$25,755.40899	\$51,510.82
0187	630E79500 SIGN SUPPORT ASSEMBLY, POLE MOUNTED	6.000	EACH	\$107.18383	\$643.10
0188	630E80100 SIGN, FLAT SHEET	1,056.000	SF	\$13.95961	\$14,741.35
0189	630E80200 SIGN, GROUND MOUNTED EXTRUSHEET	1,205.000	SF	\$16.65056	\$20,063.92
0190	630E80224 SIGN, OVERHEAD EXTRUSHEET	604.000	SF	\$17.88450	\$10,802.24
0191	630E80500 SIGN, DOUBLE FACED, STREET NAME	2.000	EACH	\$118.79256	\$237.59
0192	630E80600 SIGN, DOUBLE FACED, MILE MARKER	13.000	EACH	\$50.00000	\$650.00
0193	630E81000 MAINLINE REFERENCE MARKER	8.000	EACH	\$75.00000	\$600.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
0194	630E81010 RAMP REFERENCE MARKER	5.000	EACH	\$125.00000	\$625.00
0195	630E81020 CONCRETE MEDIAN BARRIER SIGN BRACKET	8.000	EACH	\$50.00000	\$400.00
0196	630E84500 GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	30.000	EACH	\$691.33359	\$20,740.01
0197	630E84510 RIGID OVERHEAD SIGN SUPPORT FOUNDATION	8.000	EACH	\$3,478.20873	\$27,825.67
0198	630E84900 REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	98.000	EACH	\$11.52887	\$1,129.83
0199	630E85100 REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	16.000	EACH	\$36.99956	\$591.99
0200	630E85400 REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL	4.000	EACH	\$113.31170	\$453.25
0201	630E86002 REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	60.000	EACH	\$12.92411	\$775.45
0202	630E86102 REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL	8.000	EACH	\$172.03831	\$1,376.31
0203	630E87400 REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL	3.000	EACH	\$144.33910	\$433.02
0204	630E87500 REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL	19.000	EACH	\$19.74329	\$375.12
0205	630E87520 REMOVAL OF POLE MOUNTED SIGN AND REERECTION	3.000	EACH	\$80.52368	\$241.57
0206	644E30000 REMOVAL OF PAVEMENT MARKING	920.000	FT	\$2.49248	\$2,293.08
0207	646E10010 EDGE LINE, 6"	15.200	MILE	\$2,756.13342	\$41,893.23
0208	646E10110 LANE LINE, 6"	5.600	MILE	\$1,763.31806	\$9,874.58
0209	646E10200 CENTER LINE	0.810	MILE	\$5,645.77342	\$4,573.08
0210	646E10300 CHANNELIZING LINE, 8"	4,100.000	FT	\$1.39283	\$5,710.60

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
0211	646E10400 STOP LINE	150.000	FT	\$10.07156	\$1,510.73
0212	646E10600 TRANSVERSE/DIAGONAL LINE	500.000	FT	\$6.74458	\$3,372.29
0213	646E20000 RAILROAD SYMBOL MARKING	1.000	EACH	\$540.65004	\$540.65
0214	646E20300 LANE ARROW	11.000	EACH	\$156.41205	\$1,720.53
0215	646E20320 WRONG WAY ARROW	6.000	EACH	\$0.00000	\$0.00
0216	646E20350 LANE REDUCTION ARROW	4.000	EACH	\$0.00000	\$0.00
0217	646E20506 CENTER LINE	3,650.000	FT	\$5,000.00000	\$18,250,000.00

Total for Group 0800:\$18,572,317.68

Group 1500: STRUCTURES OVER 20' SPAN; STA-30-1974 L

0219	530E00200 SPECIAL - STRUCTURES	1.000	LS	\$1,157,093.00000	\$1,157,093.00
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Total for Group 1500:\$1,157,093.00

Group 1501: STRUCTURES OVER 20' SPAN; STA-30-1974 R

0220	530E00200 SPECIAL - STRUCTURES	1.000	LS	\$1,157,093.00000	\$1,157,093.00
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Total for Group 1501:\$1,157,093.00

Group 1502: STRUCTURES OVER 20' SPAN; STA-30-2012 L

0221	530E00200 SPECIAL - STRUCTURES	1.000	LS	\$1,064,860.00000	\$1,064,860.00
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Total for Group 1502:\$1,064,860.00

Group 1626: STRUCTURES OVER 20' SPAN; STA-30-2012 R

0222	530E00200 SPECIAL - STRUCTURES	1.000	LS	\$1,064,860.00000	\$1,064,860.00
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Total for Group 1626:\$1,064,860.00

Group 1688: STRUCTURES OVER 20' SPAN; STA-30-2045C

<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>				
0223	530E00200 SPECIAL - STRUCTURES	1.000	LS	\$1,574,713.00000	\$1,574,713.00

Total for Group 1688:\$1,574,713.00

Group 1719: STRUCTURES OVER 20' SPAN; STA-30-2079 L

0224	530E00200 SPECIAL - STRUCTURES	1.000	LS	\$4,441,065.00000	\$4,441,065.00
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Total for Group 1719:\$4,441,065.00

Group 1751: STRUCTURES OVER 20' SPAN; STA-30-2079 R

0225	530E00200 SPECIAL - STRUCTURES	1.000	LS	\$3,579,354.00000	\$3,579,354.00
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Total for Group 1751:\$3,579,354.00

Group 9000: Incidentals

0226	614E11000 MAINTAINING TRAFFIC	1.000	LS	\$923,448.73000	\$923,448.73
0227	619E16020 FIELD OFFICE, TYPE C	28.000	MNTH	\$1,803.18083	\$50,489.06
0228	623E10000 CONSTRUCTION LAYOUT STAKES	1.000	LS	\$350,000.00000	\$350,000.00
0229	624E10000 MOBILIZATION	1.000	LS	\$2,000,000.00000	\$2,000,000.00

Total for Group 9000:\$3,323,937.79

Group 9001: Design Contingency (10%)

0230		1.000	LS	\$8,900,000.00000	\$8,900,000.00
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Total for Group 9001:\$8,900,000.00