

Estimate 122901

Estimated Cost:\$13,077,437.43

Contingency: 5.60%

Estimated Total: \$13,809,773.93

PRE-70 WB TRUCK PARKING

Base Date: 08/28/25

Spec Year: 23

Unit System: E

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

Highway Type:

Urban/Rural Type: RURAL CLASS

Season: SPRING

County: PREBLE

Latitude of Midpoint: 394954

Longitude of Midpoint: 844534

District: 08

Federal/State Project Number: E250149

Estimate Type: Stage 3

Prepared by Jim Sima, PE on 08/28/25

Checked by Craig Litmer, PE

Estimate: 122901

<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	201E11000 CLEARING AND GRUBBING	1.000	LS	\$30,000.00000	\$30,000.00
0006	202E20010 HEADWALL REMOVED	6.000	EACH	\$462.94810	\$2,777.69
0007	202E23000 PAVEMENT REMOVED	37,402.560	SY	\$9.63415	\$360,341.87
0008	202E23000 PAVEMENT REMOVED	1,212.000	SY	\$9.63415	\$11,676.59
0009	202E32000 CURB REMOVED	4,278.000	FT	\$5.67013	\$24,256.82
0010	202E35100 PIPE REMOVED, 24" AND UNDER	1,856.000	FT	\$27.46862	\$50,981.76
0011	202E35200 PIPE REMOVED, OVER 24"	250.000	FT	\$43.01295	\$10,753.24
0012	202E58000 MANHOLE REMOVED	15.000	EACH	\$782.76048	\$11,741.41
0013	202E58200 INLET REMOVED	4.000	EACH	\$572.91648	\$2,291.67
0014	202E75000 FENCE REMOVED	9,231.000	FT	\$2.59877	\$23,989.25
0015	202E98100 REMOVAL MISC.: REMOVAL OF WOOD POLE AND DISPOSAL	1.000	EACH	\$100.00000	\$100.00
0016	203E10000 EXCAVATION	136,469.000	CY	\$25.00000	\$3,411,725.00
0017	203E20000 EMBANKMENT	1,287.000	CY	\$20.25817	\$26,072.26
0018	203E35120 GRANULAR MATERIAL, TYPE C	615.000	CY	\$58.04015	\$35,694.69
0019	206E10500 CEMENT , 12 INCHES DEEP	1,999.030	TON	\$190.85104	\$381,516.95
0020	206E11000 CURING COAT	21,457.000	SY	\$1.13684	\$24,393.18
0021	206E15010 CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP	21,457.000	SY	\$5.24665	\$112,577.37
0022	607E15100	6,357.000	FT	\$12.94311	\$82,279.35

<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>					

FENCE, TYPE 47RA

0023	607E70000	6,357.000	FT	\$0.91639	\$5,825.49
FENCELINE SEEDING AND MULCHING					
0024	608E10000	9,342.000	SF	\$8.64799	\$80,789.52
4" CONCRETE WALK					
0025	608E52000	971.000	SF	\$33.00000	\$32,043.00
CURB RAMP					
0026	609E26000	1,752.000	FT	\$30.17318	\$52,863.41
CURB, TYPE 6					
0027	609E28000	5,870.000	FT	\$50.00000	\$293,500.00
CURB, TYPE 7					

Total for Group 0100:\$5,068,190.52

Group 0200: EROSION CONTROL

0028	659E00100	2.000	EACH	\$157.61838	\$315.24
SOIL ANALYSIS TEST					
0029	659E00300	2,307.000	CY	\$24.02876	\$55,434.35
TOPSOIL					
0030	659E00500	20,783.000	SY	\$0.84666	\$17,596.13
SEEDING AND MULCHING, CLASS 1					
0031	659E14000	1,040.000	SY	\$0.86784	\$902.55
REPAIR SEEDING AND MULCHING					
0032	659E15000	1,040.000	SY	\$0.65866	\$685.01
INTER-SEEDING					
0033	659E20000	2.900	TON	\$933.34394	\$2,706.70
COMMERCIAL FERTILIZER					
0034	659E31000	4.300	ACRE	\$85.01540	\$365.57
LIME					
0035	659E35000	116.000	MGAL	\$1.97795	\$229.44
WATER					
0036	832E15000	3,000.000	LS	\$1.00000	\$3,000.00
STORM WATER POLLUTION PREVENTION PLAN					
0037	832E30000	40,000.000	EACH	\$1.00000	\$40,000.00
EROSION CONTROL					

Total for Group 0200:\$121,234.99

Estimate: 122901

<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 0300: DRAINAGE

0038	601E21050	16.020	SY	\$145.60574	\$2,332.60
TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT					
0039	605E11110	16,104.000	FT	\$16.98351	\$273,502.45
6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC					
0040	605E14020	2,983.000	FT	\$25.80183	\$76,966.86
6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC					
0041	611E00510	639.000	FT	\$38.49321	\$24,597.16
6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS					
0042	611E05900	837.000	FT	\$113.15320	\$94,709.23
15" CONDUIT, TYPE B					
0043	611E07400	105.000	FT	\$173.75992	\$18,244.79
18" CONDUIT, TYPE B					
0044	611E10400	657.000	FT	\$163.85458	\$107,652.46
24" CONDUIT, TYPE B					
0045	611E13400	885.000	FT	\$219.70720	\$194,440.87
30" CONDUIT, TYPE B					
0046	611E16400	57.000	FT	\$343.53891	\$19,581.72
36" CONDUIT, TYPE B					
0047	611E98151	2.000	EACH	\$5,292.66324	\$10,585.33
CATCH BASIN, NO. 3, AS PER PLAN					
0048	611E98180	1.000	EACH	\$4,292.66324	\$4,292.66
CATCH BASIN, NO. 3A					
0049	611E98181	5.000	EACH	\$5,261.96627	\$26,309.83
CATCH BASIN, NO. 3A, AS PER PLAN					
0050	611E98370	5.000	EACH	\$4,261.96627	\$21,309.83
CATCH BASIN, NO. 6					
0051	611E98540	2.000	EACH	\$4,288.69589	\$8,577.39
CATCH BASIN, NO. 2-4					
0052	611E99710	9.000	EACH	\$512.56479	\$4,613.08
PRECAST REINFORCED CONCRETE OUTLET					

Total for Group 0300:\$887,716.26

Group 0400: PAVEMENT

0053	302E56000	2,075.000	CY	\$212.03453	\$439,971.65
ASPHALT CONCRETE BASE, PG64-22, (449)					

Estimate: 122901

<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>					
, T = 7.5"					
0054	304E20000	10,149.000	CY	\$77.16730	\$783,170.93
AGGREGATE BASE					
, T = 6"					
0055	407E10000	1,228.000	GAL	\$4.51815	\$5,548.29
TACK COAT					
0056	442E10000	528.000	CY	\$286.71848	\$151,387.36
ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446)					
, T = 1.5"					
0057	442E10100	133.000	CY	\$259.09383	\$34,459.48
ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)					
, T = 1.75"					
0058	442E10100	756.000	CY	\$259.09383	\$195,874.94
ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)					
, T = 2.75"					
0059	452E14010	15,364.000	SY	\$120.00000	\$1,843,680.00
10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P					

Total for Group 0400:\$3,454,092.65

Group 0500: LIGHTING

0060	625E00450	46.000	EACH	\$126.89616	\$5,837.22
CONNECTION, FUSED PULL APART					
0061	625E00460	23.000	EACH	\$128.57565	\$2,957.24
CONNECTION, UNFUSED PULL APART					
0062	625E00480	15.000	EACH	\$132.37768	\$1,985.67
CONNECTION, UNFUSED PERMANENT					
0063	625E10490	23.000	EACH	\$3,603.38178	\$82,877.78
LIGHT POLE, CONVENTIONAL , (AT8B40)					
0064	625E13500	12.000	EACH	\$4,750.00000	\$57,000.00
LIGHT TOWER, MISC.: , AHM 45					
0065	625E14100	23.000	EACH	\$1,799.38305	\$41,385.81
LIGHT POLE FOUNDATION, 24" X 8' DEEP					
0066	625E15000	12.000	EACH	\$12,000.00000	\$144,000.00
LIGHT TOWER FOUNDATION, 36" X 15' DEEP					
0067	625E17960	23.000	EACH	\$750.00000	\$17,250.00
BRACKET ARM, 8'					
0068	625E23400	2,668.000	FT	\$1.65491	\$4,415.30
NO. 10 AWG POLE AND BRACKET CABLE					
0069	625E24320	8,511.000	FT	\$10.83205	\$92,191.58
1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES					

Estimate: 122901

<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>					
0070	625E25410	638.000	FT	\$10.52948	\$6,717.81
CONDUIT, 2", 725.052					
0071	625E25500	245.000	FT	\$34.60080	\$8,477.20
CONDUIT, 3", 725.04					
0072	625E26252	23.000	EACH	\$563.33804	\$12,956.77
LUMINAIRE, CONVENTIONAL, SOLID STATE (LED)					
0073	625E26262	52.000	EACH	\$1,500.00000	\$78,000.00
LUMINAIRE, HIGH MAST, SOLID STATE (LED)					
0074	625E29002	8,533.000	FT	\$8.69212	\$74,169.86
TRENCH, 24" DEEP					
0075	625E30700	11.000	EACH	\$1,092.62984	\$12,018.93
PULL BOX, 725.08, 18"					
0076	625E31510	7.000	EACH	\$239.12763	\$1,673.89
PULL BOX REMOVED					
0077	625E32000	48.000	EACH	\$346.90859	\$16,651.61
GROUND ROD					
0078	625E34000	1.000	EACH	\$6,528.17822	\$6,528.18
POWER SERVICE					
0079	625E75400	7.000	EACH	\$427.76107	\$2,994.33
LIGHT POLE REMOVED					

Group 0600: TRAFFIC SURVEILLANCE

0080	625E22900	2,580.000	FT	\$10.00000	\$25,800.00
NO. 1/0 AWG 2400 VOLT DISTRIBUTION CABLE					
0081	625E23000	564.000	FT	\$3.90559	\$2,202.75
NO. 4 AWG 600 VOLT DISTRIBUTION CABLE					
0082	625E25500	706.000	FT	\$34.60080	\$24,428.16
CONDUIT, 3", 725.04					
0083	625E29010	1,835.000	FT	\$10.74022	\$19,708.30
TRENCH, 30" DEEP					
0084	625E30700	3.000	EACH	\$1,092.62984	\$3,277.89
PULL BOX, 725.08, 18"					
0085	625E32001	10.000	EACH	\$325.00000	\$3,250.00
GROUND ROD, AS PER PLAN					

Estimate: 122901

<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>					
0086	625E36010	1,835.000	FT	\$1.33720	\$2,453.76
UNDERGROUND WARNING/MARKING TAPE					
0087	631E85010	1.000	EACH	\$2,200.00000	\$2,200.00
DISCONNECT SWITCH, 60 AMP					
0088	633E67101	2.000	EACH	\$3,200.00000	\$6,400.00
CABINET FOUNDATION, AS PER PLAN					
0089	804E15010	5,959.000	FT	\$6.50000	\$38,733.50
FIBER OPTIC CABLE, 24 FIBER					
0090	809E20020	1,129.000	FT	\$9.60000	\$10,838.40
MICRO-DUCT PATHWAY, 4 CELL 14/10					
0091	809E22000	481.000	FT	\$27.00000	\$12,987.00
MICRO-DUCT PATHWAY, JACKED OR DRILLED , 4 CELL, 14/10					
0092	809E60040	2.000	EACH	\$9,454.13306	\$18,908.27
CCTV IP-CAMERA SYSTEM, QUAD MULTI-VIEW FIXED WITH PTZ					
0093	809E61090	2.000	EACH	\$10,450.00000	\$20,900.00
CCTV LOWERING UNIT					
0094	809E65000	2.000	EACH	\$15,789.46007	\$31,578.92
ITS CABINET - GROUND MOUNTED					
0095	809E65990	6.000	EACH	\$3,310.00000	\$19,860.00
ITS DEVICE, MISC.: <i>809E02000: 32" ITS PULL BOX WITH PAD AND STANDARD LID ASSEMBLY, TYPE 2</i>					
0096	809E65990	2.000	EACH	\$15,000.00000	\$30,000.00
ITS DEVICE, MISC.: CCTV POLE, 90 FEET TALL					

Total for Group 0600:\$273,526.95

Group 0700: TRAFFIC CONTROL

0097	618E40600	2.860	MILE	\$3,354.97852	\$9,595.24
RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)					
0098	620E00500	18.000	EACH	\$75.42265	\$1,357.61
DELINEATOR, POST GROUND MOUNTED					
0099	621E00100	177.000	EACH	\$63.51834	\$11,242.75
RPM					
0100	630E03100	378.000	FT	\$14.20604	\$5,369.88
GROUND MOUNTED SUPPORT, NO. 3 POST					
0101	630E04100	228.200	FT	\$16.28923	\$3,717.20
GROUND MOUNTED SUPPORT, NO. 4 POST					
0102	630E07000	100.600	FT	\$44.55328	\$4,482.06

9:05:52PM

Friday, August 29, 2025

Page 7 of 10

<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>				
	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W8X18				
0103	630E07600	42.400	FT	\$42.72934	\$1,811.72
	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X12				
0104	630E08600	42.000	EACH	\$44.77936	\$1,880.73
	SIGN POST REFLECTOR				
0105	630E80100	476.400	SF	\$18.50704	\$8,816.75
	SIGN, FLAT SHEET				
0106	630E80200	276.000	SF	\$25.42109	\$7,016.22
	SIGN, GROUND MOUNTED EXTRUSHEET				
0107	630E84500	6.000	EACH	\$1,126.32430	\$6,757.95
	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION				
0108	630E84900	8.000	EACH	\$16.13571	\$129.09
	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL				
0109	630E86002	8.000	EACH	\$24.24180	\$193.93
	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL				
0110	644E00720	133.000	FT	\$6.88543	\$915.76
	CHEVRON MARKING				
0111	644E01300	21.000	EACH	\$117.07943	\$2,458.67
	LANE ARROW				
0112	646E20200	11,387.000	FT	\$60.00000	\$683,220.00
	PARKING LOT STALL MARKING				
0113	807E10110	1.280	MILE	\$530.00000	\$678.40
	WET REFLECTIVE TRAFFIC PAINT, LANE LINE, 6"				
0114	807E12010	0.500	MILE	\$17,183.18691	\$8,591.59
	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6"				
0115	807E14010	2.550	MILE	\$6,991.28342	\$17,827.77
	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6"				
0116	807E14310	3,298.000	FT	\$3.19421	\$10,534.50
	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CHANNELIZING LINE, 12"				
0117	807E14410	1,573.000	FT	\$1.99350	\$3,135.78
	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, DOTTED LINE, 6"				
0118	850E10010	0.620	MILE	\$4,474.90601	\$2,774.44
	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) , EDGE LINE				
0119	850E10110	1,573.000	FT	\$1.56175	\$2,456.63
	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)				

Estimate: 122901

<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>					
, DOTTED					
0120	850E10130	3,298.000	FT	\$1.91643	\$6,320.39
GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT)					
0121	850E20010	0.500	MILE	\$6,177.43345	\$3,088.72
GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE)					
Total for Group 0700:\$804,373.78					
Group 0800: MAINTENANCE OF TRAFFIC					
0122	254E01000	1,268.000	SY	\$10.41044	\$13,200.44
PAVEMENT PLANING, ASPHALT CONCRETE					
, T = 1.5"					
0123	407E10000	5.000	GAL	\$4.51815	\$22.59
TACK COAT					
0124	442E22100	53.000	CY	\$445.69293	\$23,621.73
ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (449)					
, (RUMBLE STRIPS FILL)					
0125	614E11630	3,570.000	FT	\$2.00995	\$7,175.52
INCREASED BARRIER DELINEATION					
0126	614E12380	2.000	EACH	\$2,837.78933	\$5,675.58
WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTION AL)					
0127	614E12484	2.000	EACH	\$451.09367	\$902.19
WORK ZONE INCREASED PENALTIES SIGN					
0128	614E12800	49.000	EACH	\$21.81037	\$1,068.71
WORK ZONE RAISED PAVEMENT MARKER					
0129	614E13310	72.000	EACH	\$15.49497	\$1,115.64
BARRIER REFLECTOR, TYPE 1					
(ONE-WAY)					
0130	614E13350	72.000	EACH	\$19.11318	\$1,376.15
OBJECT MARKER, ONE WAY					
0131	614E20110	1.100	MILE	\$1,170.51979	\$1,287.57
WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT					
0132	614E22110	1.100	MILE	\$2,435.35597	\$2,678.89
WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT					
0133	614E22110	1.100	MILE	\$2,435.35597	\$2,678.89
WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT					
0134	622E41100	350.000	FT	\$40.11416	\$14,039.96
PORTABLE BARRIER, UNANCHORED					
0135	622E41111	3,220.000	FT	\$100.00000	\$322,000.00
PORTABLE BARRIER, ANCHORED, AS PER PLAN					

<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>					
Total for Group 0800:\$396,843.86					
Group 0900: INCIDENTALS					
0136	614E11000	1.000	LS	\$85,193.78110	\$85,193.78
MAINTAINING TRAFFIC					
0137	619E16010	9.000	MNTH	\$2,217.05362	\$19,953.48
FIELD OFFICE, TYPE B					
0138	623E10000	1.000	LS	\$42,596.89055	\$42,596.89
CONSTRUCTION LAYOUT STAKES AND SURVEYING					
0139	624E10000	1.000	LS	\$400,000.00000	\$400,000.00
MOBILIZATION					
0140	990E10020	1.000	LS	\$853,625.09000	\$853,625.09
ESTIMATED COST OF ENGINEERING, SUPERINTENDENCE AND CONTINGEN CIES					
10% CONTINGENCY FOR STAGE 3					
Total for Group 0900:\$1,401,369.24					