

Estimate

Estimated Cost: \$15,855,319.27

Inflation: 9.80%

Estimated Total: \$17,409,140.56

PER-13-19.67 | PID 95461 COST ESTIMATE - STAGE 3

Base Date: 10/17/25

Spec Year: 23

Unit System: E

Work Type: ASPHALT

Highway Type:

Urban/Rural Type: RURAL CLASS

Season: SPRING

County: PERRY

Latitude of Midpoint: 394556

Longitude of Midpoint: -821458

District: 05

Federal/State Project Number: E(210) 473

Prepared by VLN on 10/17/25

Checked by KGJ on 10/17/25

Estimate:

<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 0001: ROADWAY

0001	201E11000	1.000	LS	\$50,000.00000	\$50,000.00
CLEARING AND GRUBBING					
0002	202E20010	14.000	EACH	\$277.00000	\$3,878.00
HEADWALL REMOVED					
0003	202E23000	44,535.000	SY	\$16.50000	\$734,827.50
PAVEMENT REMOVED					
0004	202E35100	515.000	FT	\$26.00000	\$13,390.00
PIPE REMOVED, 24" AND UNDER					
0005	202E35200	40.000	FT	\$74.00000	\$2,960.00
PIPE REMOVED, OVER 24"					
0006	202E38000	11,515.000	FT	\$2.50000	\$28,787.50
GUARDRAIL REMOVED					
0007	202E38001	153.000	FT	\$3.00000	\$459.00
GUARDRAIL REMOVED, AS PER PLAN					
0008	202E58100	1.000	EACH	\$707.00000	\$707.00
CATCH BASIN REMOVED					
0009	202E75000	2,313.000	FT	\$3.65000	\$8,442.45
FENCE REMOVED					
0010	202E75200	100.000	FT	\$2.00000	\$200.00
FENCE REMOVED FOR REUSE					
0011	203E10000	10,753.000	CY	\$26.00000	\$279,578.00
EXCAVATION					
0012	203E20000	8,844.000	CY	\$18.00000	\$159,192.00
EMBANKMENT					
0013	203E20001	8.000	CY	\$20.00000	\$160.00
EMBANKMENT, AS PER PLAN					
0014	204E10000	54,665.000	SY	\$1.50000	\$81,997.50
SUBGRADE COMPACTION					
0015	204E13000	31,874.000	CY	\$35.00000	\$1,115,590.00
EXCAVATION OF SUBGRADE					
0016	204E30010	27,336.000	CY	\$75.00000	\$2,050,200.00
GRANULAR MATERIAL, TYPE B					
0017	204E30020	4,538.000	CY	\$65.00000	\$294,970.00
GRANULAR MATERIAL, TYPE C					

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<u>Description</u>					
<u>Supplemental Description</u>					
0018	204E45000	27.000	HOUR	\$353.00000	\$9,531.00
PROOF ROLLING					
0019	204E50000	5,363.000	SY	\$1.10000	\$5,899.30
GEOTEXTILE FABRIC					
0020	204E51000	54,671.000	SY	\$2.45000	\$133,943.95
GEOGRID					
0021	209E72050	7.000	MILE	\$1.15000	\$8.05
PREPARING SUBGRADE FOR SHOULDER PAVING					
0022	606E15100	12,436.600	FT	\$17.85000	\$221,993.31
GUARDRAIL, TYPE MGS WITH LONG POSTS					
0023	606E19001	5.000	EACH	\$75.00000	\$375.00
GUARDRAIL POST, STEEL, AS PER PLAN					
0024	606E20050	39.000	EACH	\$70.00000	\$2,730.00
ROUNDED END SECTION					
0025	606E26100	28.000	EACH	\$2,590.00000	\$72,520.00
ANCHOR ASSEMBLY, TYPE E					
0026	606E26500	33.000	EACH	\$1,000.00000	\$33,000.00
ANCHOR ASSEMBLY, TYPE T					
0027	606E34600	8.000	EACH	\$2,225.00000	\$17,800.00
MGS BRIDGE TERMINAL ASSEMBLY, TYPE TST-2					
0028	606E98000	100.000	FT	\$10.00000	\$1,000.00
GUARDRAIL, MISC.: SHOULDER SUPPORT BENCHING					
0029	606E98000	50.000	FT	\$10.00000	\$500.00
GUARDRAIL, MISC.: EXISTING W-BEAM FOR SHOULDER SUPPORT BENCHING					
0030	607E23004	100.000	FT	\$27.00000	\$2,700.00
FENCE REBUILT, TYPE CLT					
0031	623E50000	1.000	LS	\$15,000.00000	\$15,000.00
PRECONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT					
0032	623E51000	1.000	LS	\$15,000.00000	\$15,000.00
POST CONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT					
0033	690E50100	2.000	EACH	\$200.00000	\$400.00
SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE					
0034	690E50350	6.000	EACH	\$225.00000	\$1,350.00
SPECIAL - MAILBOX REMOVED AND RESET					

Estimate:

<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 0001:\$5,359,089.56

Group 0002: EROSION CONTROL

0035	601E32100	486.000	CY	\$53.00000	\$25,758.00
ROCK CHANNEL PROTECTION, TYPE B WITH FILTER					
0036	601E32200	15.000	CY	\$136.00000	\$2,040.00
ROCK CHANNEL PROTECTION, TYPE C WITH FILTER					
0037	601E32304	973.000	CY	\$145.00000	\$141,085.00
ROCK CHANNEL PROTECTION, TYPE D WITH GEOTEXTILE FABRIC					
0038	659E00100	2.000	EACH	\$109.00000	\$218.00
SOIL ANALYSIS TEST					
0039	659E00300	4,664.000	CY	\$20.50000	\$95,612.00
TOPSOIL					
0040	659E10000	36,826.000	SY	\$0.60000	\$22,095.60
SEEDING AND MULCHING					
0041	659E14000	1,841.000	SY	\$0.60000	\$1,104.60
REPAIR SEEDING AND MULCHING					
0042	659E15000	1,841.000	SY	\$0.20000	\$368.20
INTER-SEEDING					
0043	659E20000	5.140	TON	\$660.00000	\$3,392.40
COMMERCIAL FERTILIZER					
0044	659E31000	7.610	ACRE	\$51.00000	\$388.11
LIME					
0045	659E35000	204.000	MGAL	\$0.50000	\$102.00
WATER					
0046	659E40000	83.000	MSF	\$17.00000	\$1,411.00
MOWING					
0047	670E00500	5,173.000	SY	\$1.10000	\$5,690.30
SLOPE EROSION PROTECTION					
0048	832E15000	1.000	LS	\$3,500.00000	\$3,500.00
STORM WATER POLLUTION PREVENTION PLAN					
0049	832E15002	1.000	LS	\$50,000.00000	\$50,000.00
STORM WATER POLLUTION PREVENTION INSPECTIONS					
0050	832E15010	1.000	LS	\$20,000.00000	\$20,000.00
STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE					

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<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>					

0051	832E30000	440,000.000	EACH	\$1.00000	\$440,000.00
EROSION CONTROL					

Total for Group 0002:\$812,765.21

Group 0003: DRAINAGE

0052	602E20000	8.900	CY	\$2,502.00000	\$22,267.80
CONCRETE MASONRY					

0053	605E31100	500.000	FT	\$19.00000	\$9,500.00
AGGREGATE DRAINS					

0054	611E04200	165.000	FT	\$153.00000	\$25,245.00
12" CONDUIT, TYPE A					

0055	611E04400	50.000	FT	\$160.00000	\$8,000.00
12" CONDUIT, TYPE B					

0056	611E05100	100.000	FT	\$55.00000	\$5,500.00
12" CONDUIT, TYPE E					

0057	611E05200	50.000	FT	\$97.00000	\$4,850.00
12" CONDUIT, TYPE F					

0058	611E05700	10.000	FT	\$150.00000	\$1,500.00
15" CONDUIT, TYPE A					

0059	611E05700	171.000	FT	\$215.00000	\$36,765.00
15" CONDUIT, TYPE A					

706.02

0060	611E07200	68.000	FT	\$210.00000	\$14,280.00
18" CONDUIT, TYPE A					

0061	611E07200	54.000	FT	\$210.00000	\$11,340.00
18" CONDUIT, TYPE A					

706.02

0062	611E08700	54.000	FT	\$227.50000	\$12,285.00
21" CONDUIT, TYPE A					

706.02

0063	611E10200	54.000	FT	\$231.00000	\$12,474.00
24" CONDUIT, TYPE A					

706.02

0064	611E11700	54.000	FT	\$235.00000	\$12,690.00
27" CONDUIT, TYPE A					

706.02

0065	611E13200	142.000	FT	\$240.00000	\$34,080.00
30" CONDUIT, TYPE A					

706.02 OR 36" 707.01 (0.064) ALUMINIZED, 707.04 (0.064)

0066	611E97200	60.000	EACH	\$300.00000	\$18,000.00
CONDUIT, MISC.:					

24" X 36" PRECAST REINFORCED CONCRETE BOX CULVERT, 706.02

Estimate:

<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>					
0067	611E98470	8.000	EACH	\$3,367.00000	\$26,936.00
CATCH BASIN, NO. 2-2B					
0068	611E98634	1.000	EACH	\$2,168.00000	\$2,168.00
CATCH BASIN RECONSTRUCTED TO GRADE					
0069	611E99574	1.000	EACH	\$6,107.00000	\$6,107.00
MANHOLE, NO. 3					
0070	611E99820	100.000	LB	\$3.00000	\$300.00
SPECIAL - MISCELLANEOUS METAL					

Total for Group 0003:\$264,287.80

Group 0004: PAVEMENT

0071	253E02000	54.000	CY	\$500.00000	\$27,000.00
PAVEMENT REPAIR					
0072	254E01000	111,262.000	SY	\$2.25000	\$250,339.50
PAVEMENT PLANING, ASPHALT CONCRETE (T=3.5")					
0073	301E56000	730.000	CY	\$185.00000	\$135,050.00
ASPHALT CONCRETE BASE, PG64-22, (449)					
0074	301E56001	8,960.000	CY	\$185.00000	\$1,657,600.00
ASPHALT CONCRETE BASE, (449), AS PER PLAN PG64-22					
0075	304E20000	9,806.000	CY	\$90.00000	\$882,540.00
AGGREGATE BASE					
0076	407E10000	306.000	GAL	\$3.50000	\$1,071.00
TACK COAT					
0077	407E20000	14,252.000	GAL	\$3.75000	\$53,445.00
NON-TRACKING TACK COAT					
0078	408E10000	1,502.000	GAL	\$4.35000	\$6,533.70
PRIME COAT					
0079	408E10001	6,100.000	GAL	\$4.35000	\$26,535.00
PRIME COAT, AS PER PLAN					
0080	441E10000	208.000	CY	\$230.00000	\$47,840.00
ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22					
0081	441E10100	3,862.000	CY	\$242.00000	\$934,604.00
ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG70-22M					
0082	441E10200	6,992.000	CY	\$185.00000	\$1,293,520.00
ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446)					

Estimate:

<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>					
0083	441E70500	21.000	CY	\$455.00000	\$9,555.00
ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS)					
0084	441E70700	4.000	CY	\$575.00000	\$2,300.00
ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449), (DRIVEWAYS)					
0085	452E10010	100.000	SY	\$102.00000	\$10,200.00
6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P					
0086	452E12010	116.000	SY	\$115.00000	\$13,340.00
8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P					
0087	617E10101	1,270.000	CY	\$88.00000	\$111,760.00
COMPACTED AGGREGATE, AS PER PLAN					
0088	690E12050	38,621.000	SY	\$12.00000	\$463,452.00
SPECIAL - REINFORCED MESH FOR TRANSVERSE AND/OR LONGITUDINAL JOINTS AND CRACKS					

Total for Group 0004:\$5,926,685.20

Group 0005: WATER WORK

0089	638E98000	10.000	EACH	\$2,000.00000	\$20,000.00
WATER WORK, MISC.: WATER LINE LOWERING					

Total for Group 0005:\$20,000.00

Group 0006: TRAFFIC CONTROL

0090	630E02101	854.400	FT	\$13.00000	\$11,107.20
GROUND MOUNTED SUPPORT, NO. 2 POST, AS PER PLAN					
0091	630E03101	421.100	FT	\$20.00000	\$8,422.00
GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN					
0092	630E04101	101.200	FT	\$18.00000	\$1,821.60
GROUND MOUNTED SUPPORT, NO. 4 POST, AS PER PLAN					
0093	630E08600	30.000	EACH	\$50.00000	\$1,500.00
SIGN POST REFLECTOR					
0094	630E80100	847.100	SF	\$23.00000	\$19,483.30
SIGN, FLAT SHEET					
0095	630E84900	166.000	EACH	\$12.00000	\$1,992.00
REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL					
0096	630E85100	38.000	EACH	\$68.00000	\$2,584.00
REMOVAL OF GROUND MOUNTED SIGN AND REERECTION					
0097	630E86002	116.000	EACH	\$19.00000	\$2,204.00
REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL					

Estimate:

<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>					
0098	644E00104	14.300	MILE	\$4,050.00000	\$57,915.00
EDGE LINE, 6"					
0099	644E00300	7.460	MILE	\$4,900.00000	\$36,554.00
CENTER LINE					
0100	644E00500	219.000	FT	\$11.00000	\$2,409.00
STOP LINE					

Total for Group 0006:\$145,992.10

Group 0007: STRUCTURE OVER 20 FOOT SPAN (PER-13-2044 | SFN 6500582)

0101	202E23500	388.000	SY	\$14.42000	\$5,594.96
WEARING COURSE REMOVED					
0102	407E10000	33.000	GAL	\$12.80000	\$422.40
TACK COAT					
0103	441E10100	17.000	CY	\$300.13000	\$5,102.21
ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG70-22M					
0104	516E31200	98.000	FT	\$24.44000	\$2,395.12
SPECIAL - SAWING AND SEALING BITUMINOUS CONCRETE JOINTS					

Total for Group 0007:\$13,514.69

Group 0008: STRUCTURE OVER 20 FOOT SPAN (PER-13-2454 | SFN 6400647)

0105	202E11301	6.000	CY	\$1,532.35000	\$9,194.10
PORTIONS OF STRUCTURE REMOVED, AS PER PLAN					
0106	202E23500	267.000	SY	\$14.42000	\$3,850.14
WEARING COURSE REMOVED					
0107	202E98200	125.000	FT	\$9.00000	\$1,125.00
REMOVAL MISC.: JOINT SEAL					
0108	407E10000	32.000	GAL	\$12.80000	\$409.60
TACK COAT					
0109	441E10100	28.000	CY	\$300.13000	\$8,403.64
ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG70-22M					
0110	511E53012	6.000	CY	\$2,851.80000	\$17,110.80
CLASS QC2 CONCRETE, MISC.: ACCELERATING ADMIXTURE					
0111	512E10600	83.000	FT	\$120.00000	\$9,960.00
CONCRETE REPAIR BY EPOXY INJECTION					
0112	512E33010	267.000	SY	\$51.37000	\$13,715.79

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<u>Description</u>					
<u>Supplemental Description</u>					
TYPE 3 WATERPROOFING					
0113	512E73501	222.000	SY	\$25.09000	\$5,569.98
TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN, AS PE R PLAN					
0114	516E31011	249.000	FT	\$23.25000	\$5,789.25
2" DEEP JOINT SEALER, AS PER PLAN					
0115	519E11100	10.000	SF	\$259.44000	\$2,594.40
PATCHING CONCRETE STRUCTURE					

Total for Group 0008:\$77,722.70

Group 0009: MAINTENANCE OF TRAFFIC

0116	410E13000	62.000	CY	\$93.48203	\$5,795.89
TRAFFIC COMPACTED SURFACE, TYPE C					
0117	614E11110	350.000	HOURL	\$100.00000	\$35,000.00
LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE					
0118	614E11630	1,192.000	FT	\$2.40000	\$2,860.80
INCREASED BARRIER DELINEATION					
0119	614E12380	47.000	EACH	\$3,000.00000	\$141,000.00
WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTION AL)					
0120	614E12500	19.000	EACH	\$267.74587	\$5,087.17
REPLACEMENT SIGN					
0121	614E12600	50.000	EACH	\$68.32714	\$3,416.36
REPLACEMENT DRUM					
0122	614E13310	209.000	EACH	\$12.00000	\$2,508.00
BARRIER REFLECTOR, TYPE 1 (BI-DIRECTIONAL)					
0123	614E13312	51.000	EACH	\$16.05519	\$818.81
BARRIER REFLECTOR, TYPE 2 (BI-DIRECTIONAL)					
0124	614E13350	284.000	EACH	\$21.00000	\$5,964.00
OBJECT MARKER, ONE WAY					
0125	614E18601	80.000	SNMT	\$1,250.00000	\$100,000.00
PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN					
0126	614E20000	0.500	MILE	\$701.92698	\$350.96
WORK ZONE LANE LINE, CLASS I, 4"					
0127	614E21000	3.160	MILE	\$1,600.00000	\$5,056.00
WORK ZONE CENTER LINE, CLASS I					
0128	614E22000	5.780	MILE	\$910.00000	\$5,259.80

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<u>Description</u>					
<u>Supplemental Description</u>					

WORK ZONE EDGE LINE, CLASS I, 4"

0129	614E26000	175.000	FT	\$4.97313	\$870.30
WORK ZONE STOP LINE, CLASS I					

0130	615E10000	1.000	LS	\$250,000.00000	\$250,000.00
ROADS FOR MAINTAINING TRAFFIC					

0131	615E25000	10,173.000	SY	\$53.30296	\$542,251.01
PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B					

0132	616E10000	39.000	MGAL	\$40.32803	\$1,572.79
WATER					

0133	622E41100	11,577.000	FT	\$10.00000	\$115,770.00
PORTABLE BARRIER, UNANCHORED					

0134	690E98400	1.000	LS	\$480,000.00000	\$480,000.00
SPECIAL - RESIDENTIAL DRIVEWAY TEMPORARY SIGNAL					

Total for Group 0009:\$1,703,581.89

Group 0010: INCIDENTALS

0135	103E05000	1.000	LS	\$50,000.00000	\$50,000.00
PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND					

0136	614E11000	1.000	LS	\$950,000.00000	\$950,000.00
MAINTAINING TRAFFIC					

0137	619E16020	24.000	MNTH	\$3,611.67173	\$86,680.12
FIELD OFFICE, TYPE C					

0138	623E10000	1.000	LS	\$45,000.00000	\$45,000.00
CONSTRUCTION LAYOUT STAKES AND SURVEYING					

0139	624E10000	1.000	LS	\$400,000.00000	\$400,000.00
MOBILIZATION					

Total for Group 0010:\$1,531,680.12

FY 2026-2030 Business Plan Inflation Calculator:

[Not sure if you have the latest calculator? Click here.](#)

Last Modified: 7/18/2025

Today's Date:
October 17, 2025

Please Enter Values in the Yellow Areas Only:

Estimation Start Date:

Less than or Equal to Today's Date
(mm/dd/yyyy)

10/16/2025

Start Date:

Enter Construction Mid-Point Date:

(cannot exceed 10/17/2050)
(mm/dd/yyyy)

2/1/2028

Construction Mid-Point Date:

Present-Day Estimated Cost:

\$1.00

Estimated Dollar Amount:

Estimate Start Date to Construction Mid-Point Date:

28

Months

Inflation - Start to Mid-Point of Construction:

(compounded growth rate)

Inflated Dollar Amount:

Business Plan

9.8%

\$1.10

Estimator's Name: VLN

County - Route - Section:

PER-13-19.67

PID:

95461

Estimator's Notes: