

Estimate US 42 Culvert

Estimated Cost:\$356,779.53

Contingency: 10.00%

Estimated Total: \$392,457.48

PLEASE SEE THE NOTES TAB FOR AN EXPLANATION OF THIS TEMPLATE

Base Date: 08/10/26

Spec Year: 23

Unit System: E

Work Type: DRAINAGE: BOX CULVERTS AND PIPE WORK

Highway Type:

Urban/Rural Type: RURAL CLASS

Season: FALL

County: DELAWARE

Latitude of Midpoint: 0

Longitude of Midpoint: 0

District: 06

Federal Project Number:

State Project Number:

Estimate Type: Preliminary Estimate

Prepared by NEM on 08/10/26

Checked by NEM on 08/10/26

Approved by NEM on 08/10/26

<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 0010: Roadway

0001	202E23000 PAVEMENT REMOVED	368.000	SY	\$21.96091	\$8,081.61
0002	201E11000 CLEARING AND GRUBBING	1.000	LS	\$5,000.00000	\$5,000.00
0003	203E20000 EMBANKMENT	20.000	CY	\$50.36504	\$1,007.30
0004	606E15100 GUARDRAIL, TYPE MGS WITH LONG POSTS	176.000	FT	\$25.47901	\$4,484.31
0005	204E10000 SUBGRADE COMPACTION	368.000	SY	\$5.07103	\$1,866.14
0006	203E10000 EXCAVATION	75.000	CY	\$42.99092	\$3,224.32

Total for Group 0010:\$23,663.68

Group 0020: Erosion Control

0007	659E10000 SEEDING AND MULCHING	100.000	SY	\$8.30499	\$830.50
0008	659E14000 REPAIR SEEDING AND MULCHING	5.000	SY	\$2.92029	\$14.60
0009	659E15000 INTER-SEEDING	5.000	SY	\$0.88777	\$4.44
0010	659E31000 LIME	0.030	ACRE	\$141.93144	\$4.26
0011	659E35000 WATER	1.000	MGAL	\$3.36776	\$3.37
0012	601E32100 ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	33.000	CY	\$120.50551	\$3,976.68
0013	659E00300 TOPSOIL	20.000	CY	\$93.62035	\$1,872.41
0014	832E30000 EROSION CONTROL	2,500.000	EACH	\$1.02938	\$2,573.45
0015	659E20000 COMMERCIAL FERTILIZER	0.020	TON	\$1,183.10385	\$23.66

<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 0020:\$9,303.37

Group 0040: Drainage

0016	605E31100	30.000	FT	\$32.73158	\$981.95
AGGREGATE DRAINS					

Total for Group 0040:\$981.95

Group 0045: Pavement

0017	301E56000	62.000	CY	\$259.20977	\$16,071.01
ASPHALT CONCRETE BASE, PG64-22, (449)					
0018	304E20000	65.000	CY	\$107.96622	\$7,017.80
AGGREGATE BASE					
0019	407E20000	60.000	GAL	\$3.59688	\$215.81
NON-TRACKING TACK COAT					
0020	617E10100	15.000	CY	\$196.18303	\$2,942.75
COMPACTED AGGREGATE					
0021	442E22100	15.000	CY	\$524.63535	\$7,869.53
ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (449)					
0022	204E45000	2.000	HOUR	\$249.48488	\$498.97
PROOF ROLLING					

Total for Group 0045:\$34,615.87

Group 0050: Pavement

0023	452E13010	368.000	SY	\$91.29154	\$33,595.29
9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P					
0024	304E20000	65.000	CY	\$107.96622	\$7,017.80
AGGREGATE BASE					
0025	204E45000	2.000	HOUR	\$249.48488	\$498.97
PROOF ROLLING					
0026	617E10100	15.000	CY	\$196.18303	\$2,942.75
COMPACTED AGGREGATE					

Total for Group 0050:\$44,054.81

Group 0190: Structures 20 Foot Span and Under (Bridge Number of SFN)

0027	611E59501	60.000	FT	\$1,000.00000	\$60,000.00
137" X 87" CONDUIT, TYPE A, AS PER PLAN					
0028	509E26000	5,000.000	LB	\$3.34771	\$16,738.55
GALVANIZED STEEL REINFORCEMENT					

<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>					
0029	511E46210	66.000	CY	\$1,582.14089	\$104,421.30
CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING					
0030	202E11000	1.000	LS	\$20,000.00000	\$20,000.00
STRUCTURE REMOVED					

Total for Group 0190:\$201,159.85

Group 0240: Incidentals

0031	614E12420	1.000	LS	\$5,000.00000	\$5,000.00
DETOUR SIGNING					
0032	614E11000	1.000	LS	\$10,000.00000	\$10,000.00
MAINTAINING TRAFFIC					
0033	623E10000	1.000	LS	\$8,000.00000	\$8,000.00
CONSTRUCTION LAYOUT STAKES AND SURVEYING					
0034	624E10000	1.000	LS	\$20,000.00000	\$20,000.00
MOBILIZATION					

Total for Group 0240:\$43,000.00