Appendix L
Cost Estimate

Symmes Road Grade Separation Project - Feasibility Study
Butler County Transportation Improvement District
Summary of Estimates of Conceptual Project Cost - 3/28/2025

The costs below are for alternative comparison and project programming/funding purposes	Construction Costs	Design Contingency	Inflation	Utility Costs	R/W Costs	Construction Inspection/Administration	Total Project Costs
North Gilmore Road Crossing Elimination	$ 488,871.50	$ 146,661.45	$ 135,368.52	$ 32,500.00	$ 30,672.00	$ 61,672.12	$ 895,745.59
Symmes Road Crossing - Alternative 2 - Roundabouts at Industry Dr and Tedia Way	$ 13,367,682.50	$ 4,010,304.75	$ 3,701,511.28	$ 460,200.00	$ 2,057,184.00	$ 1,686,359.88	$ 25,283,242.42
Symmes Road Crossing - Alternative 3 - Roundabout at Hicks Ave	$ 16,501,409.00	$ 4,950,422.70	$ 4,569,240.15	$ 600,600.00	$ 2,770,416.00	$ 2,081,685.75	$ 31,473,773.60
Symmes Road Crossing - Alternative 4 - Roundabout At Hicks Ave. on Symmes Rd. and Veterans Dr.	$ 16,963,106.00	$ 5,088,931.80	$ 4,697,084.05	$ 653,900.00	$ 2,463,804.00	$ 2,139,929.75	$ 32,006,755.60

Assumptions

1. This estimate is based on preliminary designs presented herein. Costs provided are based on major quantifiable items developed from the conceptual designs. A 30% design contingency is included to accound for elements that were not designed under the scope of the current deign contract

2. The project schedule is assumed to be reasonable, with no extraordinary delays during the duration of the project.
3. No major changes in market conditions, labor availbility, or material costs are expected other than the contingencies included in this estimate.
4. The project scope remains as defined, with no extraordinary changes to the scope of work during the duration of the project.
5. The project will be constructed using standard techniques and materials, avoiding specialty or high-cost alternatives.
6. The design meets standard requirements without extraordinary compliance requirements.
7. Site conditions are assumed to be favorable, with no excessive remediation or unexpected soil conditions outside of what is included in this estimate. Cement stabilized subgrade has been included to account for unsuitable or unstable soil conditions. No geotechnical analysis has been performed for this feasibility study and therefore final costs associated with the soil conditions are subject to change.

8. No significant environmental, permitting, or legal issues are anticipated for the project.

North Gilmore Road Crossing Elimination - Feasibilty Study

Estimate of Conceptual Construction Cost - 3/28/25

ODOT ITEM #	ITEM DESCRIPTION	QUANTITY	UNITS	UNIT COST	ITEM COST
	ROADWAY				
201E11000	CLEARING AND GRUBBING	1	LS	$ 5,000.00	$ 5,000.00
202E23000	PAVEMENT REMOVED	2,800	SY	$ 11.00	$ 30,800.00
202E32501	CURB AND GUTTER REMOVED	620	FT	$ 16.00	$ 9,920.00
203E10000	EXCAVATION	40	CY	$ 21.00	$ 840.00
203E20000	EMBANKMENT	210	CY	$ 10.00	$ 2,100.00
				SUBTOTAL	**$ 48,660.00**
	EROSION CONTROL				
659E00100	SOIL ANALYSIS TEST	2	EACH	$ 150.00	$ 300.00
659E00500	SEEDING AND MULCHING, CLASS 1	2,900	SY	$ 3.00	$ 8,700.00
659E14000	REPAIR SEEDING AND MULCHING	145	SY	$ 3.00	$ 435.00
659E20000	COMMERCIAL FERTILIZER	0	TON	$ 1,500.00	$ 600.00
659E31000	LIME	1	ACRE	$ 270.00	$ 162.00
659E35000	WATER	16	MGAL	$ 8.00	$ 128.00
659E40000	MOWING	7	MSF	$ 150.00	$ 1,050.00
832E	STORMWATER POLLUTION PREVENTION PLAN	1	LS	$ 10,000.00	$ 10,000.00
832E	EROSION CONTROL	15,000	EACH	$ 1.00	$ 15,000.00
				SUBTOTAL	**$ 36,375.00**
	DRAINAGE				
605E98000	UNDERDRAINS, MISC.: PAVEMENT UNDERDRAINS	1,000	FT	$ 20.00	$ 20,000.00
611E97300	CONDUIT, MISC.: CONDUIT CONTINGENCY	1	LS	$ 5,000.00	$ 5,000.00
611E97400	CONDUIT, MISC.: MISC. CONDUIT WORK	500	FT	$ 205.00	$ 102,500.00
611E98150	CATCH BASIN, NO. 3	2	EACH	$ 3,440.00	$ 6,880.00
611E98180	CATCH BASIN, NO. 3A	3	EACH	$ 3,440.00	$ 10,320.00
611E99574	MANHOLE, NO. 3	2	EACH	$ 5,000.00	$ 10,000.00
611E99920	DRAINAGE STRUCTURE, MISC.: MISC. DRAINAGE STRUCTURE WORK	1	LS	$ 5,000.00	$ 5,000.00
				SUBTOTAL	**$ 159,700.00**
	PAVEMENT				
206E15020	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP	1,031	SY	$ 5.00	$ 5,155.00
301E56000	ASPHALT CONCRETE BASE, PG64-22, (449) (8")	215	CY	$ 210.00	$ 45,150.00
304E20000	AGGREGATE BASE (6")	163	CY	$ 85.00	$ 13,855.00
407E20000	NON-TRACKING TACK COAT	189	GAL	$ 3.50	$ 661.50
441E70000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22 (1.25")	33	CY	$ 225.00	$ 7,425.00
441E70200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (449)	46	CY	$ 215.00	$ 9,890.00
609E12000	COMBINATION CURB AND GUTTER, TYPE 2	916	FT	$ 50.00	$ 45,800.00
				SUBTOTAL	**$ 127,936.50**
	LIGHTING				
625E98200	LIGHTING MISC.: LIGHTING	1	LS	$ 20,000.00	$ 20,000.00
				SUBTOTAL	**$ 20,000.00**
	TRAFFIC CONTROL				
630E95000	SIGNING, MISC.: SIGNAGE	1	LS	$ 5,000.00	$ 5,000.00
644E00100	EDGE LINE, 4"	0.10	MILE	$ 6,000.00	$ 600.00
644E00300	CENTERLINE	0.10	MILE	$ 6,000.00	$ 600.00
				SUBTOTAL	**$ 6,200.00**
	INCIDENTALS				
614E11000	MAINTENANCE OF TRAFFIC	1	LS	$ 30,000.00	$ 30,000.00
623E10000	CONSTRUCTION LAYOUT AND STAKING	1	LS	$ 10,000.00	$ 10,000.00
624E10000	MOBILIZATION	1	LS	$ 50,000.00	$ 50,000.00
				SUBTOTAL	**$ 90,000.00**
				CONSTRUCTION TOTAL	**$ 488,871.50**
				DESIGN CONTINGENCY (30%)	**$ 146,661.45**
				INFLATION CONTINGENCY (21.3% BASED ON FALL 2027 CONSTRUCTION)	**$ 135,368.52**

North Gilmore Road Crossing Elimination - Feasibilty Study					
Estimate of Conceptual Construction Cost - 3/28/25					
ODOT ITEM #	ITEM DESCRIPTION	QUANTITY	UNITS	UNIT COST	ITEM COST
	UTILITY RELOCATIONS				
690E98000	DISTRIBUTION POLE RELOCATED	1	EACH	$ 25,000.00	$ 25,000.00
690E98000	DISTRIBUTION POLE RELOCATED (BY OTHERS)	3	EACH	BY UTILITY COMPANY	
	UTILITY DESIGN CONTINGENCY (30%)	1	EACH	$ 7,500.00	$ 7,500.00
				UTILITY COSTS	$ 32,500.00
	RIGHT OF WAY				
	RIGHT OF WAY	1	LS	$ 28,400.00	$ 28,400.00
	RIGHT OF WAY ADMIN COSTS (8%)	1	LS	$ 2,272.00	$ 2,272.00
				RIGHT OF WAY COSTS	$ 30,672.00
				CONSTRUCTION ENGINEERING (8%)	$ 61,672.12
				CONSTRUCTION COST GRAND TOTAL	$ 895,745.59

Symmes Road Crossing - Alternative 2 - Feasibility Study					
Estimate of Conceptual Construction Cost - 3/28/25					
ODOT ITEM #	ITEM DESCRIPTION	QUANTITY	UNITS	UNIT COST	ITEM COST
	ROADWAY				
201E11000	CLEARING AND GRUBBING	1	LS	$ 30,000.00	$ 30,000.00
202E23000	PAVEMENT REMOVED	20,360	SY	$ 11.00	$ 223,960.00
202E32501	CURB AND GUTTER REMOVED	1,600	FT	$ 16.00	$ 25,600.00
202E56000	BUILDING DEMOLISHED	1	LS	$ 705,000.00	$ 705,000.00
203E10000	EXCAVATION	7,144	CY	$ 21.00	$ 150,024.00
203E20000	EMBANKMENT	198,610	CY	$ 10.00	$ 1,986,100.00
608E10000	4" CONCRETE WALK	51,280	SF	$ 7.00	$ 358,960.00
				SUBTOTAL	**$ 3,479,644.00**
	EROSION CONTROL				
659E00100	SOIL ANALYSIS TEST	2	EACH	$ 150.00	$ 300.00
659E00500	SEEDING AND MULCHING, CLASS 1	40,000	SY	$ 3.00	$ 120,000.00
659E14000	REPAIR SEEDING AND MULCHING	2,000	SY	$ 3.00	$ 6,000.00
659E20000	COMMERCIAL FERTILIZER	5	TON	$ 1,500.00	$ 8,100.00
659E31000	LIME	8	ACRE	$ 270.00	$ 2,241.00
659E35000	WATER	216	MGAL	$ 8.00	$ 1,728.00
659E40000	MOWING	90	MSF	$ 150.00	$ 13,500.00
832E	STORMWATER POLLUTION PREVENTION PLAN	1	LS	$ 10,000.00	$ 10,000.00
832E	EROSION CONTROL	100,000	EACH	$ 1.00	$ 100,000.00
				SUBTOTAL	**$ 261,869.00**
	DRAINAGE				
605E98000	UNDERDRAINS, MISC.: PAVEMENT UNDERDRAINS	15,000	FT	$ 20.00	$ 300,000.00
611E97300	CONDUIT, MISC.: MISC. CONDUIT WORK	1	LS	$ 50,000.00	$ 50,000.00
611E97400	CONDUIT, MISC.: CONDUIT UNDER 24"	5,166	FT	$ 205.00	$ 1,059,030.00
611E98150	CATCH BASIN, NO. 3	5	EACH	$ 3,440.00	$ 17,200.00
611E98180	CATCH BASIN, NO. 3A	12	EACH	$ 3,440.00	$ 41,280.00
611E99574	MANHOLE, NO. 3	34	EACH	$ 5,000.00	$ 170,000.00
611E99900	DRAINAGE STRUCTURE, MISC.: MANUFACTURED SYSTEM (BMP)	3	EACH	$ 45,000.00	$ 135,000.00
611E99920	DRAINAGE STRUCTURE, MISC.: MISC. DRAINAGE STRUCTURE WORK	1	LS	$ 50,000.00	$ 50,000.00
				SUBTOTAL	**$ 1,822,510.00**
	PAVEMENT				
206E15020	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP	27,785	SY	$ 5.00	$ 138,925.00
301E56000	ASPHALT CONCRETE BASE, PG64-22, (449) (8")	7,000	CY	$ 210.00	$ 1,470,000.00
304E20000	AGGREGATE BASE (6")	5,240	CY	$ 85.00	$ 445,400.00
407E20000	NON-TRACKING TACK COAT	5,877	GAL	$ 3.50	$ 20,569.50
441E70000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22 (1.25")	1,066	CY	$ 225.00	$ 239,850.00
441E70200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (449)	1,430	CY	$ 215.00	$ 307,450.00
452E13010	9" NON REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	685	SY	$ 105.00	$ 71,925.00
609E12000	COMBINATION CURB AND GUTTER, TYPE 2	10,400	FT	$ 50.00	$ 520,000.00
609E54000	6" CONCRETE TRAFFIC ISLAND	1,600	SY	$ 100.00	$ 160,000.00
				SUBTOTAL	**$ 3,374,119.50**
	LIGHTING				
625E98200	LIGHTING MISC.: LIGHTING	1	LS	$ 100,000.00	$ 100,000.00
				SUBTOTAL	**$ 100,000.00**
	TRAFFIC CONTROL				
630E95000	SIGNING, MISC.: SIGNAGE	1	LS	$ 75,000.00	$ 75,000.00
632E90300	SIGNALIZATION, MISC.: SIGNAL WORK	1	LS	$ 200,000.00	$ 200,000.00
644E00100	EDGE LINE, 4"	2.90	MILE	$ 6,000.00	$ 17,400.00
644E00204	LANE LINE, 6"	0.80	MILE	$ 2,500.00	$ 2,000.00
644E00300	CENTERLINE	1.00	MILE	$ 6,000.00	$ 6,000.00
644E00400	CHANNELIZING LINE, 8"	3,800	FT	$ 2.00	$ 7,600.00
644E00500	STOP LINE	70	FT	$ 9.00	$ 630.00
644E00630	CROSSWALK LINE, 24"	880	FT	$ 8.00	$ 7,040.00
644E01500	DOTTED LINE, 4"	980	FT	$ 1.50	$ 1,470.00
644E20800	YIELD LINE	175	FT	$ 18.00	$ 3,150.00
				SUBTOTAL	**$ 320,290.00**

Symmes Road Crossing - Alternative 2 - Feasibility Study					
Estimate of Conceptual Construction Cost - 3/28/25					
ODOT ITEM #	ITEM DESCRIPTION	QUANTITY	UNITS	UNIT COST	ITEM COST
	STRUCTURES				
530E00200	SPECIAL - STRUCTURES -PRELIMINARY SINGLE SPAN BRIDGE	1	LUMP SUM	$ 3,000,000.00	$ 3,000,000.00
530E50010	SPECIAL - RETAINING WALL	2,450	SF	$ 85.00	$ 208,250.00
				SUBTOTAL	$ 3,208,250.00
	INCIDENTALS				
614E11000	MAINTENANCE OF TRAFFIC	1	LS	$ 300,000.00	$ 300,000.00
619E16000	CONSTRUCTION FIELD OFFICE	24	MONTHS	$ 2,125.00	$ 51,000.00
623E10000	CONSTRUCTION LAYOUT AND STAKING	1	LS	$ 50,000.00	$ 50,000.00
624E10000	MOBILIZATION	1	LS	$ 400,000.00	$ 400,000.00
				SUBTOTAL	$ 801,000.00
				CONSTRUCTION TOTAL	$ 13,367,682.50
				DESIGN CONTINGENCY (30%)	$ 4,010,304.75
				INFLATION CONTINGENCY (21.3% BASED ON FALL 2027 CONSTRUCTION)	$ 3,701,511.28
	UTILITY RELOCATIONS				
638E10300	FIRE HYDRANT EXTENDED AND ADJUSTED TO GRADE	5	EACH	$ 8,000.00	$ 40,000.00
638E10400	FIRE HYDRANT ADJUSTED TO GRADE	2	EACH	$ 3,000.00	$ 6,000.00
638E10800	VALVE BOX ADJUSTED TO GRADE (WATER)	14	EACH	$ 2,500.00	$ 35,000.00
638E11100	METER AND CHAMBER REMOVED AND RESET (WATER)	2	EACH	$ 1,000.00	$ 2,000.00
638E00000	WATERLINE RELOCATION	500	FT	$ 500.00	$ 250,000.00
690E98000	VALVE BOX ADJUSTED TO GRADE (GAS)	16	EACH	$ 1,000.00	$ 16,000.00
690E98000	MANHOLE ADJUSTED TO GRADE (GAS)	2	EACH	$ 2,500.00	$ 5,000.00
690E98000	TRANSMISSION POLE RELOCATED	0	EACH	$ 50,000.00	$ -
690E98000	TRANSMISSION POLE RELOCATED (BY OTHERS)	14	EACH	BY UTILITY COMPANY	
690E98000	DISTRIBUTION POLE RELOCATED	0	EACH	$ 25,000.00	$ -
690E98000	DISTRIBUTION POLE RELOCATED (BY OTHERS)	14	EACH	BY UTILITY COMPANY	
	UTILITY DESIGN CONTINGENCY (30%)	1	EACH	$ 106,200.00	$ 106,200.00
				UTILITY COSTS	$ 460,200.00
	RIGHT OF WAY				
	RIGHT OF WAY	1	LS	$ 1,904,800.00	$ 1,904,800.00
	RIGHT OF WAY ADMIN COSTS (8%)	1	LS	$ 152,384.00	$ 152,384.00
				RIGHT OF WAY COSTS	$ 2,057,184.00
				CONSTRUCTION ENGINEERING (8%)	$ 1,686,359.88
				ALTERNATIVE 2 CONSTRUCTION COST GRAND TOTAL	$ 25,283,242.42

Symmes Road Crossing - Alternative 3 - Feasibility Study

Estimate of Conceptual Construction Cost - 3/28/25

ODOT ITEM #	ITEM DESCRIPTION	QUANTITY	UNITS	UNIT COST	ITEM COST
	ROADWAY				
201E11000	CLEARING AND GRUBBING	1	LS	$ 30,000.00	$ 30,000.00
202E23000	PAVEMENT REMOVED	25400	SY	$ 11.00	$ 279,400.00
202E32501	CURB AND GUTTER REMOVED	3890	FT	$ 16.00	$ 62,240.00
202E56000	BUILDING DEMOLISHED	1	LS	$ 1,084,000.00	$ 1,084,000.00
203E10000	EXCAVATION	12433	CY	$ 21.00	$ 261,093.00
203E20000	EMBANKMENT	180429	CY	$ 10.00	$ 1,804,290.00
608E10000	4" CONCRETE WALK	71485	SF	$ 7.00	$ 500,395.00
				SUBTOTAL	**$ 4,021,418.00**
	EROSION CONTROL				
659E00100	SOIL ANALYSIS TEST	2	EACH	$ 150.00	$ 300.00
659E00500	SEEDING AND MULCHING, CLASS 1	40000	SY	$ 3.00	$ 120,000.00
659E14000	REPAIR SEEDING AND MULCHING	2000	SY	$ 3.00	$ 6,000.00
659E20000	COMMERCIAL FERTILIZER	5.4	TON	$ 1,500.00	$ 8,100.00
659E31000	LIME	8.3	ACRE	$ 270.00	$ 2,241.00
659E35000	WATER	216	MGAL	$ 8.00	$ 1,728.00
659E40000	MOWING	90	MSF	$ 150.00	$ 13,500.00
832E	STORMWATER POLLUTION PREVENTION PLAN	1	LS	$ 10,000.00	$ 10,000.00
832E	EROSION CONTROL	100000	EACH	$ 1.00	$ 100,000.00
				SUBTOTAL	**$ 261,869.00**
	DRAINAGE				
605E98000	UNDERDRAINS, MISC.: PAVEMENT UNDERDRAINS	17000	FT	$ 20.00	$ 340,000.00
611E97300	CONDUIT, MISC.: MISC. CONDUIT WORK	1	LS	$ 50,000.00	$ 50,000.00
611E97400	CONDUIT, MISC.: CONDUIT UNDER 24"	6800	FT	$ 205.00	$ 1,394,000.00
611E98150	CATCH BASIN, NO. 3	6	EACH	$ 3,440.00	$ 20,640.00
611E98180	CATCH BASIN, NO. 3A	16	EACH	$ 3,440.00	$ 55,040.00
611E99574	MANHOLE, NO. 3	44	EACH	$ 5,000.00	$ 220,000.00
611E99900	DRAINAGE STRUCTURE, MISC.: MANUFACTURED SYSTEM (BMP)	2	EACH	$ 45,000.00	$ 90,000.00
611E99920	DRAINAGE STRUCTURE, MISC.: BOX CULVERT REPLACEMENT	1	LS	$ 350,000.00	$ 350,000.00
611E99920	DRAINAGE STRUCTURE, MISC.: MISC. DRAINAGE STRUCTURE WORK	1	LS	$ 50,000.00	$ 50,000.00
				SUBTOTAL	**$ 2,569,680.00**
	PAVEMENT				
206E15020	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP	35275	SY	$ 5.00	$ 176,375.00
301E56000	ASPHALT CONCRETE BASE, PG64-22, (449) (8")	7248	CY	$ 210.00	$ 1,522,080.00
304E20000	AGGREGATE BASE (6")	6078	CY	$ 85.00	$ 516,630.00
407E20000	NON-TRACKING TACK COAT	6291	GAL	$ 3.50	$ 22,018.50
441E70000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22 (1.25")	1141	CY	$ 225.00	$ 256,725.00
441E70200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (449)	1597	CY	$ 215.00	$ 343,355.00
452E13010	9" NON REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	320	SY	$ 105.00	$ 33,600.00
609E12000	COMBINATION CURB AND GUTTER, TYPE 2	11060	FT	$ 50.00	$ 553,000.00
609E54000	6" CONCRETE TRAFFIC ISLAND	1000	SY	$ 100.00	$ 100,000.00
				SUBTOTAL	**$ 3,523,783.50**
	LIGHTING				
625E98200	LIGHTING MISC.: LIGHTING	1	LS	$ 100,000.00	$ 100,000.00
				SUBTOTAL	**$ 100,000.00**
	TRAFFIC CONTROL				
630E95000	SIGNING, MISC.: SIGNAGE	1	LS	$ 75,000.00	$ 75,000.00
632E90300	SIGNALIZATION, MISC.: SIGNAL WORK	1	LS	$ 200,000.00	$ 200,000.00
644E00100	EDGE LINE, 4"	2.6	MILE	$ 6,000.00	$ 15,600.00
644E00204	LANE LINE, 6"	1.6	MILE	$ 2,500.00	$ 4,000.00
644E00300	CENTERLINE	1.4	MILE	$ 6,000.00	$ 8,400.00
644E00400	CHANNELIZING LINE, 8"	1966	FT	$ 2.00	$ 3,932.00
644E00500	STOP LINE	35	FT	$ 9.00	$ 315.00
644E00630	CROSSWALK LINE, 24"	820	FT	$ 8.00	$ 6,560.00
644E01500	DOTTED LINE, 4"	245	FT	$ 1.50	$ 367.50
644E20800	YIELD LINE	88	FT	$ 18.00	$ 1,584.00
				SUBTOTAL	**$ 315,758.50**

Symmes Road Crossing - Alternative 3 - Feasibility Study					
Estimate of Conceptual Construction Cost - 3/28/25					
ODOT ITEM #	ITEM DESCRIPTION	QUANTITY	UNITS	UNIT COST	ITEM COST
	STRUCTURES				
530E00200	SPECIAL - STRUCTURES -PRELIMINARY SINGLE SPAN BRIDGE	1	LUMP SUM	$ 4,250,000.00	$ 4,250,000.00
530E50010	SPECIAL - RETAINING WALL	7740	SF	$ 85.00	$ 657,900.00
				SUBTOTAL	$ 4,907,900.00
	INCIDENTALS				
614E11000	MAINTENANCE OF TRAFFIC	1	LS	$ 300,000.00	$ 300,000.00
619E16000	CONSTRUCTION FIELD OFFICE	24	MONTHS	$ 2,125.00	$ 51,000.00
623E10000	CONSTRUCTION LAYOUT AND STAKING	1	LS	$ 50,000.00	$ 50,000.00
624E10000	MOBILIZATION	1	LS	$ 400,000.00	$ 400,000.00
				SUBTOTAL	$ 801,000.00
				CONSTRUCTION TOTAL	$ 16,501,409.00
				DESIGN CONTINGENCY (30%)	$ 4,950,422.70
				INFLATION CONTINGENCY (21.3% BASED ON FALL 2027 CONSTRUCTION)	$ 4,569,240.15
	UTILITY RELOCATIONS				
638E10300	FIRE HYDRANT EXTENDED AND ADJUSTED TO GRADE	8	EACH	$ 8,000.00	$ 64,000.00
638E10800	VALVE BOX ADJUSTED TO GRADE (WATER)	22	EACH	$ 2,500.00	$ 55,000.00
638E11100	METER AND CHAMBER REMOVED AND RESET (WATER)	1	EACH	$ 1,000.00	$ 1,000.00
638E98000	WATER LINE RELOCATION	600	FT	$ 500.00	$ 300,000.00
690E98000	VALVE BOX ADJUSTED TO GRADE (GAS)	17	EACH	$ 1,000.00	$ 17,000.00
690E98000	GAS LINE RELOCATED	200	FT	BY UTILITY COMPANY	
690E98000	TRANSMISSION POLE RELOCATED	0	EACH	$ 50,000.00	$ -
690E98000	TRANSMISSION POLE RELOCATED (BY OTHERS)	14	EACH	BY UTILITY COMPANY	
690E98000	DISTRIBUTION POLE RELOCATED	1	EACH	$ 25,000.00	$ 25,000.00
690E98000	DISTRIBUTION POLE RELOCATED (BY OTHERS)	14	EACH	BY UTILITY COMPANY	
690E98000	COMMUNICATION POLE RELOCATED (BY OTHERS)	3	EACH	BY UTILITY COMPANY	
	UTILITY DESIGN CONTINGENCY (30%)	1	EACH	$ 138,600.00	$ 138,600.00
				UTILITY COSTS	$ 600,600.00
	RIGHT OF WAY				
	RIGHT OF WAY	1	LS	$ 2,565,200.00	$ 2,565,200.00
	RIGHT OF WAY ADMIN COSTS (8%)	1	LS	$ 205,216.00	$ 205,216.00
				RIGHT OF WAY COSTS	$ 2,770,416.00
				CONSTRUCTION ENGINEERING (8%)	$ 2,081,685.75
				ALTERNATIVE 3 CONSTRUCTION COST GRAND TOTAL	$ 31,473,773.60

Symmes Road Crossing - Alternative 4 - Feasibilty Study

Estimate of Conceptual Construction Cost - 3/28/25

ODOT ITEM #	ITEM DESCRIPTION	QUANTITY	UNITS	UNIT COST	ITEM COST
	ROADWAY				
201E11000	CLEARING AND GRUBBING	1	LS	$ 30,000.00	$ 30,000.00
202E23000	PAVEMENT REMOVED	21400	SY	$ 11.00	$ 235,400.00
202E32501	CURB AND GUTTER REMOVED	6485	FT	$ 16.00	$ 103,760.00
202E56000	BUILDING DEMOLISHED	1	LS	$ 697,500.00	$ 697,500.00
203E10000	EXCAVATION	13025	CY	$ 21.00	$ 273,525.00
203E20000	EMBANKMENT	178630	CY	$ 10.00	$ 1,786,300.00
608E10000	4" CONCRETE WALK	75117	SF	$ 7.00	$ 525,819.00
				SUBTOTAL	**$ 3,652,304.00**
	EROSION CONTROL				
659E00100	SOIL ANALYSIS TEST	2	EACH	$ 150.00	$ 300.00
659E00500	SEEDING AND MULCHING, CLASS 1	45000	SY	$ 3.00	$ 135,000.00
659E14000	REPAIR SEEDING AND MULCHING	2250	SY	$ 3.00	$ 6,750.00
659E20000	COMMERCIAL FERTILIZER	6.1	TON	$ 1,500.00	$ 9,150.00
659E31000	LIME	9.3	ACRE	$ 270.00	$ 2,511.00
659E35000	WATER	243	MGAL	$ 8.00	$ 1,944.00
659E40000	MOWING	101	MSF	$ 150.00	$ 15,150.00
832E	STORMWATER POLLUTION PREVENTION PLAN	1	LS	$ 10,000.00	$ 10,000.00
832E	EROSION CONTROL	100000	EACH	$ 1.00	$ 100,000.00
				SUBTOTAL	**$ 280,805.00**
	DRAINAGE				
605E98000	UNDERDRAINS, MISC.: PAVEMENT UNDERDRAINS	24000	FT	$ 20.00	$ 480,000.00
611E97300	CONDUIT, MISC.: CONDUIT CONTINGENCY	1	LS	$ 50,000.00	$ 50,000.00
611E97400	CONDUIT, MISC.: MISC. CONDUIT WORK	7400	FT	$ 205.00	$ 1,517,000.00
611E98150	CATCH BASIN, NO. 3	8	EACH	$ 3,440.00	$ 27,520.00
611E98180	CATCH BASIN, NO. 3A	16	EACH	$ 3,440.00	$ 55,040.00
611E99574	MANHOLE, NO. 3	48	EACH	$ 5,000.00	$ 240,000.00
611E99900	DRAINAGE STRUCTURE, MISC.: MANUFACTURED SYSTEM (BMP)	2	EACH	$ 45,000.00	$ 90,000.00
611E99920	DRAINAGE STRUCTURE, MISC.: BOX CULVERT REPLACEMENT	1	LS	$ 350,000.00	$ 350,000.00
611E99920	DRAINAGE STRUCTURE, MISC.: MISC. DRAINAGE STRUCTURE WORK	1	LS	$ 50,000.00	$ 50,000.00
				SUBTOTAL	**$ 2,859,560.00**
	PAVEMENT				
206E15020	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP	38160	SY	$ 5.00	$ 190,800.00
301E56000	ASPHALT CONCRETE BASE, PG64-22, (449) (8")	7815	CY	$ 210.00	$ 1,641,150.00
304E20000	AGGREGATE BASE (6")	6565	CY	$ 85.00	$ 558,025.00
407E20000	NON-TRACKING TACK COAT	6957	GAL	$ 3.50	$ 24,349.50
441E70000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22 (1.25")	1235	CY	$ 225.00	$ 277,875.00
441E70200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (449)	1725	CY	$ 215.00	$ 370,875.00
452E13010	9" NON REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	560	SY	$ 105.00	$ 58,800.00
609E12000	COMBINATION CURB AND GUTTER, TYPE 2	11720	FT	$ 50.00	$ 586,000.00
609E54000	6" CONCRETE TRAFFIC ISLAND	1010	SY	$ 100.00	$ 101,000.00
				SUBTOTAL	**$ 3,808,874.50**
	LIGHTING				
625E98200	LIGHTING MISC.: LIGHTING	1	LS	$ 200,000.00	$ 200,000.00
				SUBTOTAL	**$ 200,000.00**
	TRAFFIC CONTROL				
630E95000	SIGNING, MISC.: SIGNAGE	1	LS	$ 75,000.00	$ 75,000.00
632E90300	SIGNALIZATION, MISC.: SIGNAL WORK	1	LS	$ 200,000.00	$ 200,000.00
644E00100	EDGE LINE, 4"	3.1	MILE	$ 6,000.00	$ 18,600.00
644E00204	LANE LINE, 6"	1.5	MILE	$ 2,500.00	$ 3,750.00
644E00300	CENTERLINE	1.4	MILE	$ 6,000.00	$ 8,400.00
644E00400	CHANNELIZING LINE, 8"	3025	FT	$ 2.00	$ 6,050.00
644E00500	STOP LINE	35	FT	$ 9.00	$ 315.00
644E00630	CROSSWALK LINE, 24"	2550	FT	$ 8.00	$ 20,400.00
644E01500	DOTTED LINE, 4"	485	FT	$ 1.50	$ 727.50
644E20800	YIELD LINE	165	FT	$ 18.00	$ 2,970.00
				SUBTOTAL	**$ 336,212.50**

Symmes Road Crossing - Alternative 4 - Feasibilty Study					
Estimate of Conceptual Construction Cost - 3/28/25					
ODOT ITEM #	ITEM DESCRIPTION	QUANTITY	UNITS	UNIT COST	ITEM COST
	STRUCTURES				
530E00200	SPECIAL - STRUCTURES -PRELIMINARY SINGLE SPAN BRIDGE	1	LUMP SUM	$ 4,250,000.00	$ 4,250,000.00
530E50010	SPECIAL - RETAINING WALL	9110	SF	$ 85.00	$ 774,350.00
				SUBTOTAL	$ 5,024,350.00
	INCIDENTALS				
614E11000	MAINTENANCE OF TRAFFIC	1	LS	$ 300,000.00	$ 300,000.00
619E16000	CONSTRUCTION FIELD OFFICE	24	MONTHS	$ 2,125.00	$ 51,000.00
623E10000	CONSTRUCTION LAYOUT AND STAKING	1	LS	$ 50,000.00	$ 50,000.00
624E10000	MOBILIZATION	1	LS	$ 400,000.00	$ 400,000.00
				SUBTOTAL	$ 801,000.00
				CONSTRUCTION TOTAL	$ 16,963,106.00
				DESIGN CONTINGENCY (30%)	$ 5,088,931.80
				INFLATION CONTINGENCY (21.3% BASED ON FALL 2027 CONSTRUCTION)	$ 4,697,084.05
	UTILITY RELOCATIONS				
638E10300	FIRE HYDRANT EXTENDED AND ADJUSTED TO GRADE	6	EACH	$ 8,000.00	$ 48,000.00
638E10800	VALVE BOX ADJUSTED TO GRADE (WATER)	18	EACH	$ 2,500.00	$ 45,000.00
638E11100	METER AND CHAMBER REMOVED AND RESET (WATER)	1	EACH	$ 1,000.00	$ 1,000.00
638E98000	WATER LINE RELOCATION	700	FT	$ 500.00	$ 350,000.00
690E98000	VALVE BOX ADJUSTED TO GRADE (GAS)	9	EACH	$ 1,000.00	$ 9,000.00
690e98000	GAS LINE RELOCATION	200	FT	BY UTILITY COMPANY	
690E98000	TRANSMISSION POLE RELOCATED	0	EACH	$ 50,000.00	$ -
690E98000	TRANSMISSION POLE RELOCATED (BY OTHERS)	14	EACH	BY UTILITY COMPANY	
690E98000	DISTRIBUTION POLE RELOCATED	2	EACH	$ 25,000.00	$ 50,000.00
690E98000	DISTRIBUTION POLE RELOCATED (BY OTHERS)	18	EACH	BY UTILITY COMPANY	
690E98000	COMMUNICATION POLE RELOCATED (BY OTHERS)	3	EACH	BY UTILITY COMPANY	
	UTILITY DESIGN CONTINGENCY (30%)	1	EACH	$ 150,900.00	$ 150,900.00
				UTILITY COSTS	$ 653,900.00
	RIGHT OF WAY				
	RIGHT OF WAY	1	LS	$ 2,281,300.00	$ 2,281,300.00
	RIGHT OF WAY ADMIN COSTS (8%)	1	LS	$ 182,504.00	$ 182,504.00
				RIGHT OF WAY COSTS	$ 2,463,804.00
				CONSTRUCTION ENGINEERING (8%)	$ 2,139,929.75
				ALTERNATIVE 4 CONSTRUCTION COST GRAND TOTAL	$ 32,006,755.60