



**EXHIBIT 6**  
**PRELIMINARY ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST**  
 for  
**CORPORATE BOULEVARD REALIGNMENT**  
 Aurora, Illinois  
 February 12, 2016

1.0	EARTHWORK	QUANTITY	UNITS	UNIT PRICE	COST
1.01	EARTH EXCAVATION (20200100)	1,466	CY	\$ 25.00	\$ 36,650.00
1.02	DISPOSAL OF SURPLUS MATERIAL (CCDD)	733	CY	\$ 30.00	\$ 21,990.00
<b>Subtotal Division 1.0:</b>					<b>\$ 58,640.00</b>

2.0	LANDSCAPING	QUANTITY	UNITS	UNIT PRICE	COST
2.01	TREE	12	EACH	\$ 1,500.00	\$ 18,000.00
2.02	TOPSOIL EXCAVATION AND PLACEMENT (21101505)	319	CY	\$ 25.00	\$ 7,975.00
<b>Subtotal Division 2.0:</b>					<b>\$ 25,975.00</b>

3.0	EROSION CONTROL	QUANTITY	UNITS	UNIT PRICE	COST
3.01	MULCH, METHOD 1 (25100105)	143	ACRE	\$ 1,500.00	\$ 2,145.00
3.02	SEEDING, CLASS 1A (25000100)	143	ACRE	\$ 2,100.00	\$ 3,003.00
3.03	NITROGEN FERTILIZER NUTRIENT (25000400)	127	POUND	\$ 3.00	\$ 381.90
3.04	PHOSPHORUS FERTILIZER NUTRIENT (25000500)	127	POUND	\$ 3.00	\$ 381.90
3.05	POTASSIUM FERTILIZER NUTRIENT (25000600)	127	POUND	\$ 3.00	\$ 381.90
3.05	PERIMETER EROSION BARRIER (28000400)	1,980	LF	\$ 2.50	\$ 4,950.00
3.06	INLET FILTER (28000510)	14	EACH	\$ 250.00	\$ 3,500.00
3.07	INLET FILTER AND PIPE PROTECTION (28000510)	1	EACH	\$ 150.00	\$ 150.00
<b>Subtotal Division 3.0:</b>					<b>\$14,893.70</b>

4.0	REMOVALS	QUANTITY	UNITS	UNIT PRICE	COST
4.01	COMBINATION CURB AND GUTTER REMOVAL (44000500)	2035	LF	\$ 6.00	\$ 12,210.00
4.02	TREE REMOVAL (6 TO 15 UNITS DIAMETER) (20100110)	66	UNIT	\$ 35.00	\$ 2,310.00
4.03	TREE REMOVAL (OVER 15 UNITS DIAMETER) (20100210)	30	UNIT	\$ 50.00	\$ 1,500.00
4.04	GUARDRAIL REMOVAL (63200310)	74	LF	\$ 45.00	\$ 3,330.00
4.05	REMOVING MANHOLES (60500040)	6	EACH	\$ 400.00	\$ 2,400.00
4.06	REMOVING INLETS (60500060)	2	EACH	\$ 250.00	\$ 500.00
4.07	STORM SEWER REMOVAL - 12" (55100500)	573	LF	\$ 35.00	\$ 20,055.00
4.08	MEDIAN REMOVAL (44003100)	3125	SF	\$ 4.00	\$ 12,500.00
4.09	PAVEMENT REMOVAL (BIT) (44000100)	8273	SY	\$ 10.00	\$ 82,730.00
<b>Subtotal Division 4.0:</b>					<b>\$ 137,535.00</b>

5.0	PAVEMENT MARKINGS AND SIGNING	QUANTITY	UNITS	UNIT PRICE	COST
5.01	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (78000100)	64	SF	\$ 3.50	\$ 224.00
5.02	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200)	3804	LF	\$ 1.25	\$ 4,755.00
5.03	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (78000400)	125	LF	\$ 1.75	\$ 218.75
5.04	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600)	180	LF	\$ 2.25	\$ 405.00
5.05	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (78000650)	45	LF	\$ 3.00	\$ 135.00
5.06	RELOCATE EXISTING SIGN	10	EACH	\$ 80.00	\$ 800.00
5.07	SIGN PANEL TYPE A	5	EACH	\$ 80.00	\$ 400.00
5.08	REMOVE SIGN PANEL ASSEMBLY	5	EACH	\$ 30.00	\$ 150.00
<b>Subtotal Division 5.0:</b>					<b>\$ 7,087.75</b>

6.0	UTILITIES	QUANTITY	UNITS	PRICE	COST
6.01	ELECTRICAL CABLE IN CONDUIT	4280	FOOT	\$ 1.00	\$ 4,280.00
6.02	PVC CONDUIT, 4" (IN TRENCH)	1070	FOOT	\$ 12.00	\$ 12,840.00
6.03	LIGHT POLE ASSEMBLY	1	EACH	\$ 2,500.00	\$ 2,500.00
6.04	LIGHT POLE ASSEMBLY, RELOCATED	2	EACH	\$ 1,500.00	\$ 3,000.00
6.05	SANITARY MANHOLE	6	EACH	\$ 3,000.00	\$ 18,000.00
6.06	SANITARY SEWER, 10"	886	FOOT	\$ 140.00	\$ 124,040.00
6.07	STORM SEWER, 12"	520	FOOT	\$ 65.00	\$ 33,800.00
6.08	STORM SEWER, 18"	400	FOOT	\$ 75.00	\$ 30,000.00
6.09	INLET, TYPE A	11	EACH	\$ 1,500.00	\$ 16,500.00
6.10	CATCH BASIN TYPE A	1	EACH	\$ 2,200.00	\$ 2,200.00
6.11	MANHOLE, TYPE A	3	EACH	\$ 3,200.00	\$ 9,600.00
6.12	FLARED END SECTION, 12"	1	EACH	\$ 1,500.00	\$ 1,500.00
6.13	BOX CULVERT, 2.5' X 8'	65	LF	\$ 350.00	\$ 22,750.00
6.13	VALVE VAULT, 12"	4	EACH	\$ 3,500.00	\$ 14,000.00
6.14	WATER MAIN, 12"	1122	FOOT	\$ 180.00	\$ 201,960.00
6.15	FIRE HYDRANT	2	EACH	\$ 5,000.00	\$ 10,000.00
6.16	FIRE HYDRANT TO BE REMOVED AND REPLACED	2	EACH	\$ 3,000.00	\$ 6,000.00
6.17	TRENCH BACKFILL (20800150)	200	CY	\$ 50.00	\$ 10,000.00
<b>Subtotal Division 6.0:</b>					<b>\$ 522,970.00</b>

7.0	PAVING	QUANTITY	UNITS	UNIT PRICE	COST
7.01	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)	2,241	LF	\$ 28.00	\$ 62,748.00
7.02	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", NS0 (40603310)	374	TON	\$ 90.00	\$ 33,660.00
7.03	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, NS0 (40603080)	996	TON	\$ 85.00	\$ 84,660.00
7.04	BITUMINOUS MATERIALS (PRIME COAT) (40300100)	1,112	LB	\$ 1.00	\$ 1,112.00
7.05	AGGREGATE BASE COURSE, TYPE B 10" (35102200)	4,448	SY	\$ 20.00	\$ 88,960.00
<b>Subtotal Division 7.0:</b>					<b>\$ 271,140.00</b>

8.0	MAINTENANCE OF TRAFFIC	QUANTITY	UNITS	UNIT PRICE	COST
8.01	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	1	LSUM	\$ 25,000.00	\$ 25,000.00
8.02	TRAFFIC SIGNAL IMPROVEMENTS	1	LSUM	\$ 200,000.00	\$ 200,000.00
<b>Subtotal Division 8.0:</b>					<b>\$ 225,000.00</b>

<b>TOTALS:</b>					
1.0	EARTHWORK				\$ 58,640.00
2.0	LANDSCAPING				\$ 25,975.00
3.0	EROSION CONTROL				\$ 14,893.70
4.0	REMOVALS				\$ 137,535.00
5.0	PAVEMENT MARKINGS AND SIGNING				\$ 7,087.75
6.0	UTILITIES				\$ 522,970.00
7.0	PAVING				\$ 271,140.00
8.0	MAINTENANCE OF TRAFFIC				\$ 225,000.00
					<b>SUBTOTAL \$ 1,263,241.45</b>
					<b>CONTINGENCY (20%) \$ 252,648.29</b>
					<b>CONSTRUCTION SUBTOTAL \$ 1,515,889.74</b>
					<b>Design Engineering (7.5%) \$ 113,691.73</b>
					<b>Construction Engineering (11%) \$ 166,747.87</b>
					<b>TOTAL PROGRAM COSTS \$ 1,796,329.34</b>

*Typical Exclusions/Assumptions*  
 \* This Engineer's Opinion of Probable Construction cost does not include:  
 Property Acquisition

*This Engineer's Opinion of Probable Cost is based upon the preliminary plans for the Corporate Boulevard Realignment, prepared by V3 Companies, dated September 22nd, 2015. Since V3 Companies has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions, this Opinion of Probable Construction Costs is made based on V3 Companies' best judgment as an experienced and qualified professional engineer, familiar with the construction industry; however, V3 Companies can not and does not guarantee that proposals, bids or actual Construction Costs will not vary from the Opinions of Probable Construction Costs prepared by V3 Companies.*

**Typical Units**  
 lf = linear feet  
 sf = square feet  
 sy = square yards  
 cy = cubic yards  
 ea = each  
 ls = lump sum  
 acre  
 allowance  
 ton  
 gal = gallon