



NORTHFIELD, MINNESOTA

TH 246/Jefferson Parkway Roundabout
 Alternative 1 - Two Pedestrian Underpasses
 SEH No. NFIEL 149804
 Preliminary Opinion of Probable Cost
 Date: 6/28/2019
 Revised:

LINE NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL ESTIMATED COST
1	Mobilization	LS	1	\$160,000	\$160,000
2	Traffic Control	LS	1	\$80,000	\$80,000
3	Remove Drainage Structure	Each	6	\$400	\$2,400
4	Remove Sewer Pipe (Storm)	LF	1100	\$13	\$14,300
5	Remove Curb and Gutter	LF	2500	\$6	\$15,000
6	Remove Bituminous Pavement	SY	7700	\$8	\$61,600
7	Remove Concrete Walk	SF	14600	\$5	\$73,000
8	Remove Median	SF	1900	\$8	\$15,200
9	Common Excavation	CY	2900	\$15	\$43,500
10	Select Granular Borrow	CY	3140	\$22	\$69,080
11	Aggregate Base Class 5	Ton	4780	\$18	\$86,040
12	Bituminous Pavement - 5"	Ton	2050	\$80	\$164,000
13	Bituminous Trail - 3"	Ton	690	\$75	\$51,750
14	Concrete Sidewalk - 4"	SF	2500	\$7	\$17,500
15	Concrete Sidewalk - 6"	SF	525	\$12	\$6,300
16	Concrete Curb and Gutter - B618	LF	6008	\$22	\$132,176
17	Retaining Walls	SF	4150	\$80	\$332,000
18	14'x10' Precast Concrete Box Culvert	LF	190	\$1,800	\$342,000
19	Storm Sewer Main	LF	1700	\$70	\$119,000
20	Construct Drainage Structure	Each	20	\$3,000	\$60,000
21	Water Main	LF	100	\$150	\$15,000
22	Landscaping	LS	1	\$120,000	\$120,000
Construction Subtotal					\$1,979,846
25% Contingency					\$494,962
Construction Total					\$2,474,808
Admin & Engineering					\$494,961.5
Total Project Cost					\$2,969,769



NORTHFIELD, MINNESOTA

TH 246/Jefferson Parkway Roundabout
 Alternative 2 - Four Pedestrian Underpasses
 SEH No. NFIEL 149804
 Preliminary Opinion of Probable Cost
 Date: 6/28/2019
 Revised:

LINE NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL ESTIMATED COST
1	Mobilization	LS	1	\$181,000	\$181,000
2	Traffic Control	LS	1	\$90,000	\$90,000
3	Remove Drainage Structure	Each	6	\$400	\$2,400
4	Remove Sewer Pipe (Storm)	LF	1100	\$13	\$14,300
5	Remove Curb and Gutter	LF	2500	\$6	\$15,000
6	Remove Bituminous Pavement	SY	7700	\$8	\$61,600
7	Remove Concrete Walk	SF	14600	\$5	\$73,000
8	Remove Median	SF	1900	\$8	\$15,200
9	Common Excavation	CY	2850	\$15	\$42,750
10	Select Granular Borrow	CY	3140	\$22	\$69,080
11	Aggregate Base Class 5	Ton	4700	\$18	\$84,600
12	Bituminous Pavement - 5"	Ton	2050	\$80	\$164,000
13	Bituminous Trail - 3"	Ton	650	\$75	\$48,750
14	Concrete Sidewalk - 4"	SF	2500	\$7	\$17,500
15	Concrete Sidewalk - 6"	SF	225	\$12	\$2,700
16	Concrete Curb and Gutter - B618	LF	6008	\$22	\$132,176
17	Retaining Walls	SF	2560	\$80	\$204,800
18	14'x10' Precast Concrete Box Culvert	LF	380	\$1,800	\$684,000
19	Storm Sewer Main	LF	1700	\$70	\$119,000
20	Construct Drainage Structure	Each	20	\$3,000	\$60,000
21	Water Main	LF	100	\$150	\$15,000
22	Landscaping	LS	1	\$120,000	\$120,000
Construction Subtotal					\$2,216,856
25% Contingency					\$554,214
Construction Total					\$2,771,070
Admin & Engineering					\$554,214.0
Total Project Cost					\$3,325,284



NORTHFIELD, MINNESOTA

TH 246/Jefferson Parkway Roundabout
 Alternative 3 - Four Pedestrian Underpasses to Center
 SEH No. NFIEL 149804
 Preliminary Opinion of Probable Cost
 Date: 6/28/2019
 Revised:

LINE NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL ESTIMATED COST
1	Mobilization	LS	1	\$183,000	\$183,000
2	Traffic Control	LS	1	\$92,000	\$92,000
3	Remove Drainage Structure	Each	6	\$400	\$2,400
4	Remove Sewer Pipe (Storm)	LF	1100	\$13	\$14,300
5	Remove Curb and Gutter	LF	2500	\$6	\$15,000
6	Remove Bituminous Pavement	SY	7700	\$8	\$61,600
7	Remove Concrete Walk	SF	14600	\$5	\$73,000
8	Remove Median	SF	1900	\$8	\$15,200
9	Common Excavation	CY	3060	\$15	\$45,900
10	Select Granular Borrow	CY	3430	\$22	\$75,460
11	Aggregate Base Class 5	Ton	5050	\$18	\$90,900
12	Bituminous Pavement - 5"	Ton	2240	\$80	\$179,200
13	Bituminous Trail - 3"	Ton	660	\$75	\$49,500
14	Concrete Sidewalk - 4"	SF	2500	\$7	\$17,500
15	Concrete Sidewalk - 6"	SF	225	\$12	\$2,700
16	Concrete Curb and Gutter - B618	LF	6520	\$22	\$143,440
17	Retaining Walls	SF	3905	\$80	\$312,400
18	14'x10' Precast Concrete Box Culvert	LF	310	\$1,800	\$558,000
19	Storm Sewer Main	LF	1700	\$70	\$119,000
20	Construct Drainage Structure	Each	20	\$3,000	\$60,000
21	Water Main	LF	100	\$150	\$15,000
22	Landscaping	LS	1	\$120,000	\$120,000
Construction Subtotal					\$2,245,500
25% Contingency					\$561,375
Construction Total					\$2,806,875
Admin & Engineering					\$561,375.0
Total Project Cost					\$3,368,250