

NOWAK AND FRAUS ENGINEERS



48680 Van Dyke, Shelby Township, MI 48317
(586) 739-0939

PROJECT: Lake Orion Sidewalk Gaps PRELIMINARY ESTIMATE OF COST
PROJECT NO: O676

DATE: 2/17/2025

NO.	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
CHURCH ST. (BROADWAY TO LAPEER)					
1	MOBILIZATION	1	LS	\$1,700.00	\$1,700.00
2	REMOVE LANDSCAPE TIMBERS	45	LF	\$25.00	\$1,125.00
3	REMOVE 4" CONCRETE SIDEWALK	12	SF	\$3.50	\$42.00
4	REMOVE SIDEWALK RAMP	30	SF	\$4.00	\$120.00
5	REMOVE CONCRETE CURB AND GUTTER	35	LF	\$11.00	\$385.00
6	REMOVE ASPHALT PAVEMENT	300	SF	\$2.50	\$750.00
7	EARTHWORK	1	LS	\$1,200.00	\$1,200.00
8	6" ASPHALT PAVEMENT	300	SF	\$9.50	\$2,850.00
9	6" 21AA AGGREGATE BASE	300	SF	\$2.50	\$750.00
10	IMPORT MDOT CLASS II SAND	10	CY	\$65.00	\$650.00
11	IRRIGATION ALLOWANCE	1	LS	\$450.00	\$450.00
12	12" ADS-N-12 PIPE	125	LF	\$40.00	\$5,000.00
13	2' DIA. INLET	1	EA	\$2,000.00	\$2,000.00
14	TAP EXISTING STRUCTURE	1	EA	\$1,500.00	\$1,500.00
15	GRAVEL SHOULDER	5	CY	\$35.00	\$175.00
16	4" CONCRETE SIDEWALK WITH 4" SAND BASE	1,065	SF	\$6.65	\$7,082.25
17	6" CONCRETE WITH 4" 21AA AGG. BASE	85	SF	\$8.00	\$680.00
18	18" CONCRETE CURB AND GUTTER	15	LF	\$20.00	\$300.00
19	A.D.A. HANDICAP RAMP	3	EA	\$900.00	\$2,700.00
20	CROSSWALK STRIPING	60	LF	\$4.00	\$240.00
21	SEED AND MULCH	300	SY	\$3.00	\$900.00
22	DETECTABLE WARNING	8	LF	\$40.00	\$320.00
23	LANDSCAPE RESTORATION ALLOWANCE	1	LS	\$800.00	\$800.00
24	INLET FILTERS	2	EA	\$200.00	\$400.00
25	SILT FENCE	400	FT	\$2.00	\$800.00
26	PLANT MIX FOR BEDS (12" DEPTH)	5	CY	\$15.00	\$75.00
CHURCH ST. (BROADWAY TO LAPEER) SUBTOTAL =					\$30,919.25
CONTINGENCY (20%)					\$6,183.85
ENGINEERING ALLOWANCE					\$6,183.85
CONSTRUCTION ADMIN / INSPECTION					\$3,091.93
CHURCH ST. (BROADWAY TO LAPEER) TOTAL =					\$46,378.88

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PROJECT: Lake Orion Sidewalk Gaps PRELIMINARY ESTIMATE OF COST
PROJECT NO: O676 - Hauxwell Drive

DATE: 2/17/2025

NO.	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
HAUXWELL DRIVE (FLINT ST TO DEAD END)					
1	MOBILIZATION	1	LS	\$9,000.00	\$9,000.00
2	REMOVE TREE 6"-18" DIA.	14	EA	\$600.00	\$8,400.00
3	REMOVE TREES 19"-36" DIA.	3	EA	\$1,200.00	\$3,600.00
4	REMOVE LANDSCAPE TIMBERS	16	LF	\$25.00	\$400.00
5	REMOVE 4" CONCRETE SIDEWALK	926	SF	\$3.50	\$3,241.00
6	REMOVE CONCRETE PAVEMENT	755	SF	\$3.00	\$2,265.00
7	REMOVE ASPHALT PAVEMENT	1,520	SF	\$2.50	\$3,800.00
8	SAWCUT 4" PAVEMENT	920	LF	\$2.35	\$2,162.00
9	REMOVE LANDSCAPE PAVERS/BRICKS	205	SF	\$10.00	\$2,050.00
10	RELOCATE UTILITY POLE	8	EA	\$1,000.00	\$8,000.00
11	EARTHWORK	1	LS	\$9,000.00	\$9,000.00
12	IRRIGATION ALLOWANCE	1	LS	\$1,200.00	\$1,200.00
13	ADJUST STRUCTURE COVER	5	EA	\$1,000.00	\$5,000.00
14	4" CONCRETE SIDEWALK WITH 4" SAND BASE	15,367	SF	\$6.65	\$102,190.55
15	6" CONCRETE WITH 4" 21AA AGG. BASE	2,945	SF	\$8.00	\$23,560.00
16	A.D.A. HANDICAP RAMP	16	EA	\$900.00	\$14,400.00
17	CROSSWALK STRIPING	94	LF	\$4.00	\$376.00
18	SEED AND MULCH	1,909	SY	\$3.00	\$5,727.00
19	DETECTABLE WARNING	112	LF	\$40.00	\$4,480.00
20	LANDSCAPE RESTORATION ALLOWANCE	1	LS	\$1,800.00	\$1,800.00
21	INLET FILTERS	8	EA	\$200.00	\$1,600.00
22	SILT FENCE	3,500	FT	\$2.00	\$7,000.00
HAUXWELL DRIVE (FLINT ST TO DEAD END) SUBTOTAL =					\$219,251.55
CONTINGENCY (20%)					\$43,850.31
ENGINEERING ALLOWANCE					\$43,850.31
CONSTRUCTION ADMIN / INSPECTION					\$21,925.16
HAUXWELL DRIVE (FLINT ST TO DEAD END) TOTAL =					\$328,877.33

THE ABOVE IS AN ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS FOR THE SITE. NO GUARANTEE IS EXPRESSED OR IMPLIED CONCERNING THEIR ACCURACY OR COMPLETENESS. FINAL/ACTUAL CONSTRUCTION COSTS WILL VARY FROM THE NUMBERS PRESENTED HEREIN SINCE ACTUAL CONSTRUCTION COSTS WILL BE DETERMINED BY CONTRACTORS THROUGH A BIDDING PROCESS OR OTHER OWNER SELECTION PROCESS.

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PROJECT: N. Slater - Jackson to Church PRELIMINARY ESTIMATE OF COST
PROJECT NO: O676

DATE: 2/17/2025

NO.	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
N. SLATER ST. (JACKSON TO CHURCH)					
1	MOBILIZATION	1	LS	\$1,700.00	\$1,700.00
2	REMOVE ASPHALT PAVEMENT	166	SF	\$2.50	\$415.00
3	REMOVE SIDEWALK RAMP	180	SF	\$4.00	\$720.00
4	REMOVE BRICK PAVERS	276	SF	\$6.00	\$1,656.00
5	EARTHWORK	1	LS	\$1,200.00	\$1,200.00
6	6" 21AA AGGREGATE BASE	80	SF	\$2.50	\$200.00
7	IMPORT MDOT CLASS II SAND	5	CY	\$65.00	\$325.00
8	IRRIGATION ALLOWANCE	1	LS	\$450.00	\$450.00
9	4" CONCRETE SIDEWALK WITH 4" SAND BASE	1,040	SF	\$6.65	\$6,916.00
10	6" CONCRETE WITH 4" 21AA AGG. BASE	160	SF	\$8.00	\$1,280.00
11	A.D.A. HANDICAP RAMP	5	EA	\$900.00	\$4,500.00
12	SEED AND MULCH	730	SY	\$3.00	\$2,190.00
13	DETECTABLE WARNING	20	LF	\$40.00	\$800.00
14	LANDSCAPE RESTORATION ALLOWANCE	1	LS	\$1,000.00	\$1,000.00
15	INLET FILTERS	3	EA	\$200.00	\$600.00
16	SILT FENCE	276	FT	\$2.00	\$552.00
17	REMOVE TREES 19"-36" DIA.	1	EA	\$8.00	\$8.00
18	CROSSWALK STRIPING	90	LF	\$20.00	\$1,800.00
N. SLATER ST. (JACKSON TO CHURCH) SUBTOTAL =					\$24,512.00
CONTINGENCY (20%)					\$4,902.40
ENGINEERING ALLOWANCE					\$4,902.40
CONSTRUCTION ADMIN / INSPECTION					\$2,451.20
N. SLATER ST. (JACKSON TO CHURCH) TOTAL =					\$36,768.00

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48680 Van Dyke, Shelby Township, MI 48317
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PROJECT: Lake Orion Sidewalk Gaps PRELIMINARY ESTIMATE OF COST
PROJECT NO: Washington St (Shadbolt to Jackson)

DATE: 2/17/2025

NO.	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
WASHINGTON ST (SHADBOLT TO JACKSON)					
1	MOBILIZATION	1	LS	\$1,100.00	\$1,100.00
2	REMOVE SIDEWALK RAMP	1	LS	\$1,200.00	\$1,200.00
3	REMOVE ASPHALT PAVEMENT	46	SF	\$2.50	\$115.00
4	REMOVE CONCRETE PAVEMENT	114	SF	\$3.00	\$342.00
5	EARTHWORK	1	LS	\$1,200.00	\$1,200.00
6	IRRIGATION ALLOWANCE	1	LS	\$450.00	\$450.00
7	4" CONCRETE SIDEWALK WITH 4" SAND BASE	1,040	SF	\$6.65	\$6,916.00
8	6" CONCRETE WITH 4" 21AA AGG. BASE	160	SF	\$8.00	\$1,280.00
9	A.D.A. HANDICAP RAMP	5	EA	\$900.00	\$4,500.00
10	CROSSWALK STRIPING	98	LF	\$4.00	\$392.00
11	SEED AND MULCH	730	SY	\$3.00	\$2,190.00
12	DETECTABLE WARNING	12	LF	\$40.00	\$480.00
13	LANDSCAPE RESTORATION ALLOWANCE	1	LS	\$800.00	\$800.00
14	INLET FILTERS	3	EA	\$200.00	\$600.00
15	SILT FENCE	231	FT	\$2.00	\$462.00
16	IMPORT MDOT CLASS II SAND	5	CY	\$65.00	\$325.00
17	REMOVE TREE 6"-18" DIA.	1	EA	\$600.00	\$600.00
WASHINGTON ST (SHADBOLT TO JACKSON) SUBTOTAL =					\$22,952.00
CONTINGENCY (20%)					\$4,590.40
ENGINEERING ALLOWANCE					\$4,590.40
CONSTRUCTION ADMIN / INSPECTION					\$2,295.20
WASHINGTON ST (SHADBOLT TO JACKSON) TOTAL =					\$34,428.00

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Easement for walk may be needed. Mailboxes will need to be house mounted.

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48680 Van Dyke, Shelby Township, MI 48317
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PROJECT: Lake Orion Sidewalk Gaps PRELIMINARY ESTIMATE OF COST
PROJECT NO: O676 FLORENCE ST

DATE: 2/17/2025

NO.	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
FLORENCE ST. (FLINT TO BLANCHE SIMS SCHOOL)					
1	MOBILIZATION	1	LS	\$1,600.00	\$1,600.00
2	REMOVE-REPLACE MAILBOX/SIGN	9	EA	\$125.00	\$1,125.00
3	REMOVE SIDEWALK RAMP	130	SF	\$4.00	\$520.00
4	REMOVE TREE 6"-18" DIA.	1	EA	\$600.00	\$600.00
5	REMOVE SHRUB	1	EA	\$200.00	\$200.00
6	REMOVE ASPHALT PAVEMENT	290	SF	\$2.50	\$725.00
7	REMOVE CONCRETE PAVEMENT	100	SF	\$3.00	\$300.00
8	EARTHWORK	1	LS	\$1,800.00	\$1,800.00
9	IRRIGATION ALLOWANCE	1	LS	\$600.00	\$600.00
10	4" CONCRETE SIDEWALK WITH 4" SAND BASE	2,685	SF	\$6.65	\$17,855.25
11	6" CONCRETE WITH 4" 21AA AGG. BASE	450	SF	\$8.00	\$3,600.00
12	A.D.A. HANDICAP RAMP	2	EA	\$900.00	\$1,800.00
13	CROSSWALK STRIPING	60	LF	\$4.00	\$240.00
14	SEED AND MULCH	560	SY	\$3.00	\$1,680.00
15	DETECTABLE WARNING	22	LF	\$40.00	\$880.00
16	LANDSCAPE RESTORATION ALLOWANCE	1	LS	\$800.00	\$800.00
17	INLET FILTERS	4	EA	\$200.00	\$800.00
18	SILT FENCE	538	FT	\$2.00	\$1,076.00
FLORENCE ST. (FLINT TO BLANCHE SIMS SCHOOL) SUBTOTAL =					\$36,201.25
CONTINGENCY (20%)					\$7,240.25
ENGINEERING ALLOWANCE					\$7,240.25
CONSTRUCTION ADMIN / INSPECTION					\$3,620.13
FLORENCE ST. (FLINT TO BLANCHE SIMS SCHOOL) TOTAL =					\$54,301.88

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