

## Hegel Road Crossing

Atlas Township

7386 S. Gale Road, Grand Blanc, MI 48439



ROWE PROFESSIONAL  
SERVICES COMPANY

540 S. Saginaw Street, Suite 200, Flint, MI 48502

(810) 341-7500

### Opinion of Probable Cost

August 15, 2023

Below is a list of assumptions:

1. Project will consist of a new non-motorized path crossing Hegel Road from the existing pathway on the south to the Atlas County Park parking lot on the north.
2. Approximately 100' of 10' wide concrete, detectable warning surfaces on each side of Hegel Road, crosswalk pavement markings, advanced crosswalk pavement markings and signs, solar powered rapid flashing beacon with push buttons, ditching, 12" CMP culvert on each side of Hegel Road with end sections, turf establishment, and maintaining traffic.
3. No parking lot improvements are anticipated.
4. Soil erosion and right-of-way permits will be required.

PAY ITEM	QTY	UNIT	UNIT PRICE (\$)	AMOUNT (\$)
Mobilization/ Demobilization	1	LSUM	\$ 6,760.00	\$ 6,760.00
Soil Erosion Measures and Permit	1	LSUM	\$ 2,000.00	\$ 2,000.00
Machine Grading	1	LSUM	\$ 5,000.00	\$ 5,000.00
Fence, Rem	15	FT	\$ 15.00	\$ 225.00
Shld, CI II (6 inch)	20	SYD	\$ 25.00	\$ 500.00
Sand Subbase	15	CYD	\$ 30.00	\$ 450.00
Sidewalk, Conc, 4 inch	800	SFT	\$ 15.00	\$ 12,000.00
Sidewalk, Conc, 6 inch	200	SFT	\$ 20.00	\$ 4,000.00
Detectable Warning Surface	20	FT	\$ 85.00	\$ 1,700.00
Culv End Section, Metal, 12 inch	4	EA	\$ 350.00	\$ 1,400.00
Culv, CI F, CSP, 12 inch	40	FT	\$ 60.00	\$ 2,400.00
Pavt Mrkg, Ovly Cold Plastic, 12 inch	120	FT	\$ 5.00	\$ 600.00
Pavt Mrkg, Ovly Cold Plastic, Bike, Large Sym	2	EA	\$ 300.00	\$ 600.00
Pavt Mrkg, Ovly Cold Plastic, Xing	2	EA	\$ 350.00	\$ 700.00
Rapid Flashing Beacon Signs	1	LSUM	\$ 28,000.00	\$ 28,000.00
Advanced Signs	1	LSUM	\$ 2,000.00	\$ 2,000.00
Turf Establishment	1	LSUM	\$ 1,000.00	\$ 1,000.00
Maintenance of Traffic	1	LSUM	\$ 5,000.00	\$ 5,000.00
OPINION OF PROBABLE CONSTRUCTION COST				\$ 74,335.00
CONTINGENCY (10%)				\$ 7,440.00
TOTAL OPINION OF CONSTRUCTION COST				\$ 81,775.00
DESIGN & CONSTRUCTION ENGINEERING (35%)				\$ 28,630.00
TOTAL OPINION OF PROBABLE PROJECT COST				\$ 110,405.00