

PROGRESSIVE RAIL INCORPORATED**Detailed Crossing Signal Project Cost Estimate**

Install New crossing signal system w/ automatic gate signals and CW train detection. Two Model S-60 Gate Mechs. Hurricane gate arms, EZ gate lights, 12" LED lights, sidelights, control house, XP-4 9 SI unit, AC/DC island, Style B relays, crossing status indicator, crossing monitor, signal cable, conduits, AC meter service.

Central Signal, LLC

ROAD NAME: **292nd Street East (CSAH 88)**

10/14/22

Project No.:

NEAREST CITY: Randolph

COUNTY: Dakota

STATE: Minnesota

RAILROAD: Progressive Rail, Inc.

RR MILEPOST: TC 0497.88

DOT/AAR NO.: 184 959N

MATERIAL ESTIMATE

See Attached

Total Material \$ 182,971

LABOR ESTIMATE

Field Installation

3 Signalmen @ 100 hours

11,000

Total Labor \$ 11,000

ADDITIVES

Lodging & Personnel Expenses

\$180.00 per day

5,400

Contractor's Overhead

206.00% of Labor

22,660

Contractor's Profit

12.00% Fixed Fee

26,644

Total Additives \$ 54,704

EQUIPMENT RENTAL

Backhoe / Excavator

1 @ \$ 2400 per week

1 week

2,400

Total Equipment Rental \$ 2,400

SUBCONTRACTORS

Install Meter Service

1 @ \$5,000 each

5,000

Directional Boring

150 feet @ \$40 per foot

6,000

Traffic Control

2 Weeks

2,000

Remove Cantilever Foundations

2 Foundation removals

13,000

Total Subcontracts \$ 26,000

TOTAL ESTIMATED EXPENDITURE

Summary

Material

\$ 182,971

Labor

\$ 11,000

Additives

\$ 54,704

Equipment Rental

\$ 2,400

Subcontracts

\$ 26,000

TOTAL PROJECT \$ 277,075

PROGRESSIVE RAIL INCORPORATED

RAILROAD SIGNAL MATERIAL ESTIMATE

PROJECT DESCRIPTION: Install New crossing signal system w/ automatic gate signals and CW train detection. Two Model S-60 Gate Mechs. Hurricane gate arms, EZ gate lights, 12" LED lights, sidelights, control house, XP-4 9 SI unit, AC/DC island, Style B relays, crossing status indicator, crossing monitor, signal cable, conduits, AC meter service.

ROAD NAME: 292nd Street East (CSAH 88)

10/14/2022

NEAREST CITY: Randolph
Becker Dakota
Sherburne Minnesota

RAILROAD: Progressive Rail, Inc.
RR MILEPOST: TC 0497.88
DOT/AAR NO.: 184 959N

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No.	Description	Unit	Qty	Cost/Unit	Extended Cost
1	Bond, Railhead, 3/6" x 6-1/2"	Ea	60	6.10	366.00
2	Bootleg Kit, BN1HWBS	Ea	5	190.00	950.00
3	Cable, #6 Duplex TW	Ft	500	4.80	2,400.00
4	Cable, 3C#6, Okonite, Armored	Ft	100	12.00	1,200.00
5	Cable, 7C#14, Okonite Armored	Ft	400	7.30	2,920.00
6	Cable, 7C#6, Okonite, Armored	Ft	400	21.50	8,600.00
7	Dress Rock, Dresser 3/4 Chip	Lot	1	2,000.00	2,000.00
8	Fill Material	Lot	1	2,000.00	2,000.00
9	Foundation, Precast, Concrete, 60"	Ea	2	900.00	1,800.00
10	House, Control, Shop Wired (66HXP4-91ACDCB1R2G)	Ea	1	111,998.45	111,998.45
11	Indicator Light, Yellow 12" LED Arrow w/ mounting	Ea	1	600.00	600.00
12	Side Light Assy, 1 Way, 12" LED, Extension arm	Ea	2	2,800.82	5,601.64
13	Signal, Automatic Gate w/12" 2-Way LED Lights (S60M516JBB2WMWGXBEB2)	Ea	2	21,202.02	42,404.04
14	Termination, Track Rectifier, R-10	Ea	1	130.77	130.77
				Total Materials	182,970.90