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By Millbury Planning Department at 4:12 pm, Feb 28, 2024

Brian Cutler  
VP Engineering - Region

RE: Grade Crossing Signal and Surface renewal Proposal Rice Rd., Millbury, MA

Dear Mr. Cutler.

ECC Corporation ("ECC") is pleased to submit the following proposal for your consideration.

ECC proposes to provide all Coordination, Labor, Equipment and Materials required to install new Automatic Highway Grade Crossing Warning Devices at Rice Rd., Millbury, MA.

**REMOVE EXISTING SIGNAL EQUIPMENT:**

- Coordinate electrical service removal with the local Utility and electrician as required.
- Arrange local police detail for lane closures.
- Remove all signal structures and equipment houses.
- Remove precast foundations.
- Transport salvaged signal equipment to May St Putnam, CTshop.

**INSTALL NEW AUTOMATIC RAILROAD HIGHWAY GRADE CROSSING WARNING DEVICES.**

- Install new electrical service
- 8x8 PTMW signal enclosure
- 1 ea 4000 GCP and 1 cold standby 4000GCP
- 40 AMP Solid State Crossing Controller.
- SEAR II recorder
- Larry McGee DTMF crossing controller.
- Out of Service Jumpers per G&W.
- Narrow Band Termination Shunts located in wayside enclosure.

Total Signal Costs **\$338,414.92**

**INSTALL NEW 32' ROAD CROSSING**

- Mobilization
- Vehicles & Equipment to Include: Mack Tractor, Low Boy Trailer, Mini Excavator, Loader, Asphalt Roller, Tamper, Tool Truck & Air Compressor
- Saw Cut Asphalt
- Remove Asphalt & Dispose
- Remove Rails & Ties & Properly Dispose
- Excavate Area & Remove Spoils
- Build Track, 39' Wide, 10' Timbers with New Double Shoulder Tie Plates
- Install Ballast & Tamp Track
- Install Concrete Panels
- Pave Affected Area

Total Surface Costs **\$94,244.50**

Surface work would require road closure Friday morning through Monday afternoon. Paving would be on Monday.

Total Project Cost **\$432,659.42**

Please contact me at 508-726-9644 if further information is required. Very

Truly Yours,

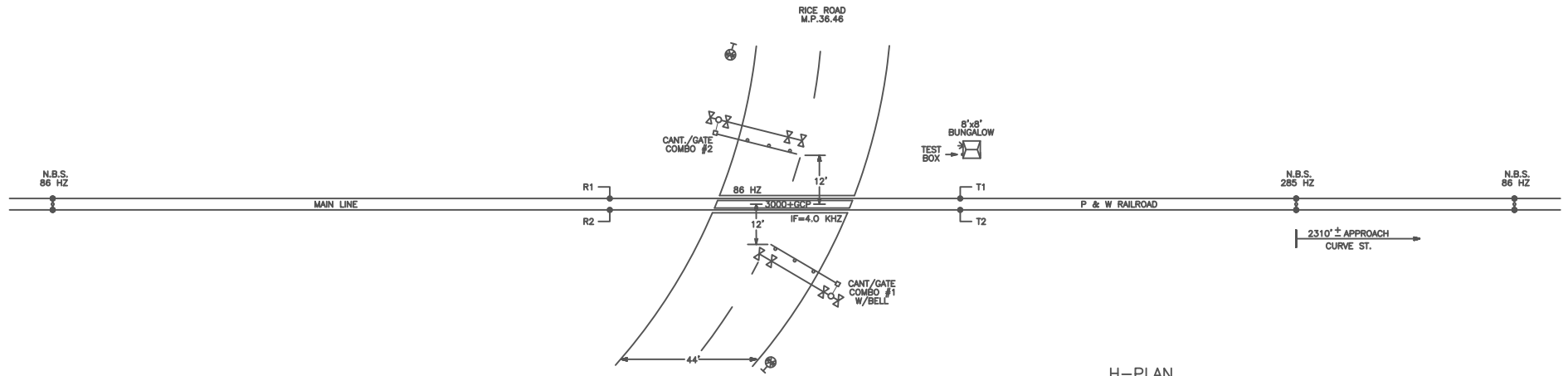
*Bernard A Cartier*

Bernard A Cartier  
VP Operations



2310'± APPROACH  
30 SEC. WARNING @ 40M.P.H.

2310'± APPROACH  
30 SEC. WARNING @ 40M.P.H.



H-PLAN  
NOT TO SCALE

DOT 871-903P

- 1) 2 New GCP 3000+, 1 standby unit, same frequency.
- 2) Solid State Crossing Controller and NAS Micro Data Analyzer W/DTMF.
- 3) Cantelevers to be 16' WTF Combo's with Gates.
- 4) Signals to be 12" LED Flashers.
- 5) Narrow Band Shunts located in Wayside Enclosures.

HIGHWAY GRADE CROSSING SIGNAL SYSTEM PROPOSED RICE ROAD H-PLAN MAIN LINE - MILLBURY, MA		
JANUARY 3, 2022	D.A.G.	
PROVIDENCE & WORCESTER R.R. CO.	SHEET 1 OF 1	

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