Presentation on Radar Speed Display Project

J. Ranck Electrical, Inc. Hubbell, Roth & Clark, Inc. Carrier & Gable, Inc.

3M

RFP-RH-10-014

City of Rochester Hills

1000 Rochester Hills Drive Rochester Hills, Michigan 48309

April 20, 2010

RADAR SPEED DISPLAY

J. Ranck Electric, Inc.

- 25 years in business
- 105 field employees
- 50 office and warehouse employees
- Projects throughout Michigan and USA
- Public and private sector clients
- Annual sales exceed \$30 million

RADAR SPEED DISPLAY



Hubbell, Roth & Clark, Inc.

- Founded in 1915
- Multi-disciplined engineering firm
- Consulting engineers to over 80 municipal, industrial and private clients
- Award winning designs
- Experience with speed signs

RADAR SPEED DISPLAY

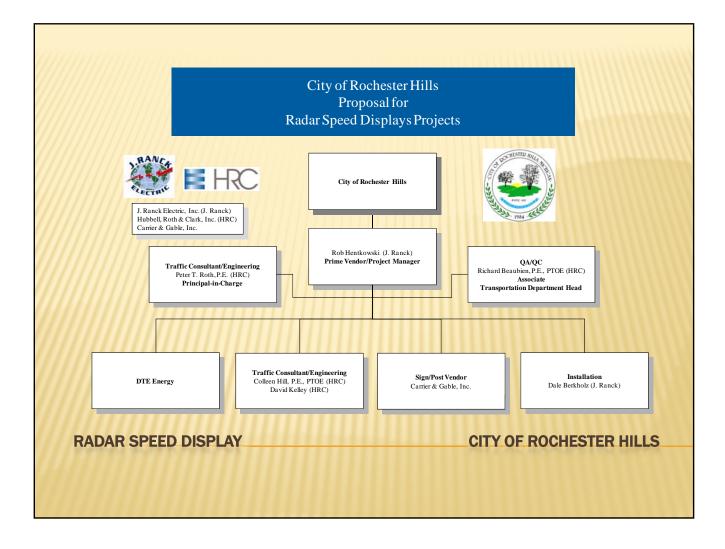
Carrier & Gable, Inc.

- Established in 1945
- Premier distributor of
 - Traffic products
 - Lighting
 - Highway safety products
 - Knowledgeable sales and technical staff
 - Free training classes

RADAR SPEED DISPLAY



CITY OF ROCHESTER HILLS



Work Plan

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Pre-Implementation Report Outside Agency/Government Meetings Site Location Determinations Design Engineering DTE Coordination Permit Applications Product Approval

> Sign Installation Final Permit Approvals DTE Service Application Software Licenses & Training

RADAR SPEED DISPLAY

 Phase 1 – Pre-Studies and Design

Phase 2 - Installation

Work Plan

Sign Inventory Update Quality Control Inspection Speed Studies (Pre & Post Installation) Evaluation Study – Intermediate Report Evaluation Study – Final Report

Phase 3 – Post



RADAR SPEED DISPLAY

Site Evaluation Report Pre-Installation Traffic Evaluation Study Maintenance of Traffic Plans Sign Inventory in GBA File Format Post-Installation Traffic Evaluation Study Final Traffic Evaluation Study Meeting Minutes Monthly Progress Reports

Sign Shop Drawings Sample Radar Sign Demonstration Utility Applications for Service Warranties & Extended Service Plan Operations & Maintenance Manuals Software License

RADAR SPEED DISPLAY

Deliverables

Traffic Engineer

Electrical Contractor

