2019

AGC & MnDOT Grading & Base Awards
Local Grading
CSAH 16 (Washington Avenue)
Carlton County
- Agency: Carlton County
- Prime Contractor: Northland Constructors
Summary

- From Cloquet to Scanlon
- Project length: 1.6 Miles
- Concrete Pipe
- 65 K SF Concrete Walk
CR 16 (Washington Avenue): Cloquet to Scanlon
Background

- Washington Avenue urban road from Cloquet to Scanlon.
- Many businesses, residences, parks, a church, a daycare, and a new school.
- Scoped as M/OL: 44’ wide street with 12’ thru lanes and 10’ parking lanes in each direction.
- Responding to public for pedestrian safety, business and residential accesses, and crash data; Carlton County decided to reconstruct.
- The end result was a 10 foot multi-use trail on the South side of the road for the safety of pedestrian and bikers. Road was narrowed to 33’ to have an 11’ center left turn lane with two 11’ thru lanes.
- Landscaped boulevards with green space to slow traffic.
1. Project completed on schedule
2. Environmental Compliance
   - Permits needed were Cloquet, DNR, MPCA, & Army Corps.
   - The Contractor was very proactive in SWPPP inspections, following BMP’s.
3. Material Compliance
   - All grading gradations and densities met requirements.
4. Complexity
   - Washington Avenue three entities: Cloquet, Scanlon, & Carlton County.
   - Both cities had water and sanitary sewer work.
   - Carlton County had storm sewer catch basins and leads that were replaced.
   - Road had to stay open to allow access
5. Design Compliance
   - The Contractor was able to construct the project in compliance with the plans and special provisions. When issues occurred, addressed quickly.
Let’s Get to Work
All Dug up and ready for Pipe
Ready to Carry Traffic - east
Another View - west
Functioning again - west
Safer and Smoother for the Pedestrians - east
Complete: Nice Job! - east
Category: State Reclamation
Cold In Place Recycling
TH 14: Bituminous over Concrete

- MnDOT District 8
- Prime Contractor: Duininck Inc.
- Sub Contractor (CIR): Midstate Reclamation
- Sub Contractor (Grading): Towne and Country
Project Details

SP’s 4202-27 & 6401-37

- Lyon & Redwood County
- Tracy to Revere
- $5.1 million
- 12.7 miles
- 12 rural intersections, 4 urban intersections
- 1 Bridge
- 1 turn lane extension
- 200,000 SY of CIR (BOC)
  - Emulsion with 0.5% Cement
Tracy to Revere
Contract Achievements: Partnering on Schedule

-The District & Contractor partnered moved project times.

-Because of:
  -Cold wet weather & event in Walnut Grove
  -Good quality was achieved,
  -While Laura Ingalls Wilder event went well.
Site restoration, ditch cleaning, & general drainage work areas.

Sites stabilized in a timely manner and seeded as required.

A substantial change order was added using FEMA funds to repair a slide area near the Tracy Golf Course.

All permit requirements met: avoiding wetland & public waters impacts, & removed material sloughed into channel.
Material Quality

- Materials met requirements with only minor deviations
Detours
Culvert Crossings
More Culvert and Catch Basin Work
Riprapped Ditch
Where Several Slope Failures Had Occurred
Some Grading, Spot HMA, & Bridge Work
It rained once in a while

But helped with concrete cure
CIR: EE with 0.5% cement
Getting her done
Fog Seal Entire CIR
(Rates adj. due to temp and Humidity – Test Strip)
State Grading
TH 71

- MnDOT – District 2 - Bemidji
- Prime Contractor: Gladen Construction
Summary

- SP 2904-15, 029-615-006, and 029-653-002
- TH 71, Industrial Avenue/Crocus Hill Street
- Total Length approximately One Mile
- $4.3 Million
- 40 k CY Excavation
- 20 k CY Embankment Material
- 10 k CY Base
- 6,500 Feet Concrete and 500 Feet Drainage Structures
Park Rapids TH 71 and One Local Street (Industrial Park Road/Crocus Hill Street)
Contract Achievements

Excellent quality of the work throughout the project.

Thin lifts, watering to aid in compaction, safe excavations (multiple trench boxes at times were required due to depth of excavations and sandy material).

Contractor performed all duties by the book.

Lots of complexity: deep structures (>20’ depth), large storm sewer (60’’), many utilities, multiple project phases to accommodate tourist & local traffic, business access, etc.
Getting Ready and Laying Pipe
Trench Boxes and Compaction
And there we are today, MnDOT’s finest at work
The Ford dealer happy with their new road
And around and around
and around and around
and around and around we go
Thank You
Go raibh maith agat