



Weekly Construction Meeting Summary

Project I.D.: SP 202-101-014, 202-104-012,	Date: 6/14/2023
Highway Description: Ugstad Rd & Arrowhead Rd Improvements	
Project Location: Hermantown, MN – St. Louis County	
Project Contractor: Ulland Brothers, Inc.	
Project Engineer: MSA Professional Services, Inc.	

Attendees:

- Ryan Swanson – Ulland Brothers, Inc. (Prime) – In Person
- Joel Moschler – Ulland Brothers, Inc. (Prime) – In Person
- Dan – JMF (Subcontractor) - In Person
- Phil Lockett – MSA Professional Services, Inc. – In Person
- Sophia Abrams – MSA Professional Services, Inc. – In Person
- James Watters – MSA Professional Services, Inc. – Virtual
- Mickale Endres – Braun Intertec – In Person
- Ross Hendrickson – MnDOT State Aid Construction Specialist - Virtual
- Paul Senst – City of Hermantown – In Person
- Joe Wicklund – City of Hermantown – In Person
- 1 Resident

Meeting minutes in red

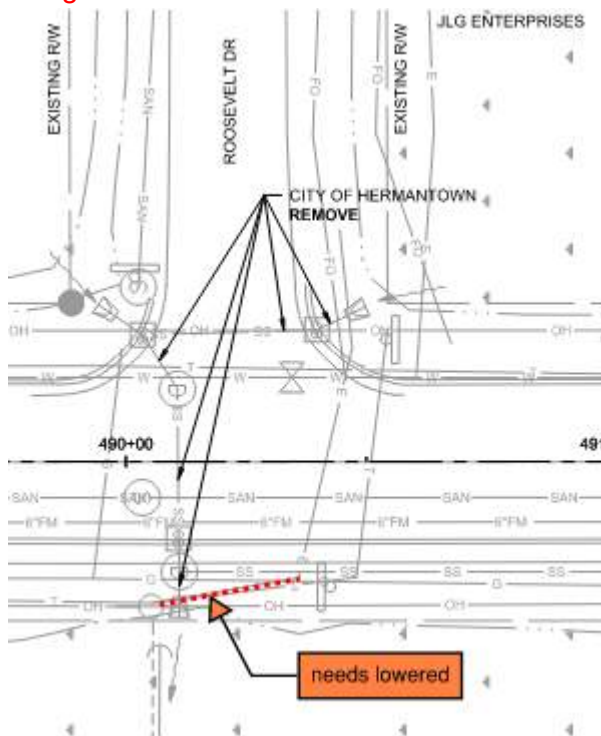
1. Contractor’s Schedule

- a. Contract time – **Completion Date October 20, 2023**
- b. Work in progress Current Week
 - i. Prime Contractor – Ulland Brothers
 1. Plan through the end of the week is to keep installing pipe at Roosevelt Dr intersection.
 - ii. Sidewalk is shaped behind back of curb with aggregate base class 5 from Maple Grove Rd to Truman Dr.
 - iii. Start removals Lavaque to Arrowhead possibly starting Friday.
 - iv. Keep Essentia Wellness driveways open off Ugstad Rd this week. Have it closed off with barricades by Monday June 19, 2023. Visitors can still access Essential Wellness Center from Arrowhead Rd.
 - v. Subcontractors –
 1. JMF will get curb and driveways and a lot sidewalk done by end of week.
- c. Work in progress Next Week
 - i. Prime Contractor – Ulland Brothers
 1. Lavaque Junction to Arrowhead Rd – removals for curb and gutter and sidewalk
 - ii. Subcontractors – JMF Concrete
 1. JMF on site to finish up sidewalk, curb and gutter, and driveway pours on Ugstad Rd south of Lavaque Junction while Ulland removes curb and gutter and sidewalk north of Lavaque Junction

- d. Controlling items of work –
 - i. Concrete work. Ulland trying to stay ahead of JMF to keep the concrete work going
- e. Delays
 - i. Controlling item - NA
 - ii. Non-controlling items - NA

2. Utilities

- a. Consolidated Communications – No update. Not present.
- b. MnDOT – No update. Not present.
- c. Minnesota Energies – Not Present
 - i. Gas main relocation at Roosevelt Dr. and Ugstad Rd is complete.
- d. Paul Bunyan Communications – No update. Not present.
- e. Mediacom – No update. Not present.
- f. Minnesota Power – Buried electrical power at proposed storm sewer apron outlet on east side of Ugstad Rd near Roosevelt Dr intersection will need to be lowered. See below



- g.
 - i. MSA contacted Aaron Nelson with Mn Power to notify of utility in conflict via email and phone call on 6/14/23. Requested attendance at next weekly meeting to discuss relocation plan.
- h. Centurylink/Lumen – No update. Not present.
 - i. Group mentioned relocation crews were not seen on site again this week.
 - ii. MSA contacted Martin Paulsen and Bill Byers with Lumen via email on 6/14/23 to request update on relocation schedule.

3. Maintenance of Traffic

- a. Issues – None Reported
 - i. Speeding remains in issue in the work zone.
- b. Modification to traffic control – None Reported
- c. Maintenance of traffic control

- i. Device condition – No issues
- ii. Traffic Control Inspection Logs – Ulland to send over daily Traffic Control Logs. Send to Phil L. with MSA and copy James W.

4. Materials

- a. Certification / test report submittals
- b. QC Testing – None at this time
- c. QA Testing –
 - i. Mickale Endres from Braun reiterated that field testing of concrete used for storm manhole inverts is required if mix comes from a ready-mix plant.
 - ii. If concrete is mixed on site using spec mix (see attached sheet), then field tests are not required.
 - iii. Mickale mentioned Braun needs minimum 24 hours notice for field testing needs.
 - iv. JMF will continue to call in concrete testing needs and request plant monitoring inspection needs as well.
 - 1. This is best done by JMF as they have a better understanding of when concrete will be needed on the site.
 - 2. JMF will notify MSA inspectors when inspection services have been called in.
 - 3. Need to specify the Duluth Ready Mix plant (Garfield or Twig) the mix will be coming from for which testing is needed so Braun knows which plant to perform plant monitoring services for.
 - 4. If total quantity used for a week is 20 CY or less then plant monitoring is not required.
- d. Non-conforming materials – None Reported

5. Environmental

- a. Erosion Control –
 - i. MSA mentioned that as curb and gutter is poured and castings are placed on structures that inlet protection bags need to be placed back in the catch basins.
 - ii. Sediment control log has been substituted for machine sliced silt fence
 - iii. Sediment Control Log in place on Ugstad Rd.
 - iv. As Truman Dr. and Roosevelt Dr. pipes are completed and brought online, need to have soil stabilized within 24 hours. Tributary to Rocky Run, a public water, is nearby.
 - v. Hard Copy of SWPPP needs to be on site
 - 1. Hard Copy is stored on site in Ulland trailer.
 - 2. Joel with Ulland can make electronic erosion control inspection reports available if requested.
- b. Weekly erosion control inspections
 - i. Best way to get weekly inspection reports?
 - 1. Joel with Ulland to send to Phil with MSA weekly
 - 2. No rain events greater than 0.5" recorded so far during construction

6. Progress Estimates

- i. First pay application has been processed for work completed through June 9th and will be approved at city council meeting next week.

7. Safety

- a. Work zone safety

- i. Local resident mentioned requesting police presence for speed violators on Ugstad Rd. Through traffic is still speeding too fast especially for being in a construction zone.
- b. Accidents / Emergency incidents
 - i. No accidents to report.

8. Public Relations

a. Property Owners

- i. There are multiple upcoming graduation parties in the Jackson Estate neighborhood west of Ugstad Rd via Truman Dr. and Roosevelt Dr.
- ii. Intersection of Ugstad Rd and Truman Dr. is currently open
- iii. Intersection of Ugstad Rd and Roosevelt Dr should be open by end of workday June 16th.
- iv. Resident on Ugstad Rd near Truman Dr intersection is requesting police presence near Truman Dr. Concerns that local kids will get hit by speeding traffic on Ugstad Rd.
- v. Resident had questions on construction next steps.
 - 1. Ulland mentioned Ugstad Rd & Roosevelt Dr intersection should be open by end of this week (June 16th)
 - 2. Contractor will continue work on Ugstad Rd north of Lavaque Junction.
 - 3. Many of the driveways on Ugstad Rd south of Lavaque Junction should be in by end of week. Remaining will be poured following week.
 - 4. Residents will know that access to their driveway is permitted once the driveway concrete has been poured and gravel has been placed over concrete for them to drive over. Ideally cure time between when driveway concrete is poured to when access is made available is 7 days.
- vi. Resident present had concerns of not getting mail for last two weeks and neighbors are getting their mail just fine.
- vii. Herness, project subcontractor completing mailbox work, will remove all mailboxes and place at temporary locations as listed below so mail can continue to be delivered. Residents within the project can collect their mail at temporary mailbox locations as follows:
 - 1. Ugstad Rd - Maple Grove Rd to ~~Arrowhead Rd~~ Lavaque Junction Rd – temp mail location at Truman Dr.
 - 2. Ugstad Rd – ~~Arrowhead Rd~~ Lavaque Junction Rd to USH53 – temp mail location at Falcon Dr.
 - 3. Arrowhead Rd – Ugstad Rd to Elementary School – temp mail location at west end of project limits near Elementary School.

- viii. If residents want their existing mailbox supports Herness will place in yard for them to take at the time of mailbox relocation. All mailbox supports will be replaced with swing-away type.
- b. Businesses – east entrances to Essential Wellness Center off Ugstad Rd will be closed starting Monday June 19, 2023
- c. Local officials – None at this time

9. New Issues / Concerns; Other Items

- a. None at this time

10. Next Meeting - Wednesday, June 21, 2023 – at 9:00 am (onsite at Hermantown Hockey Arena parking lot shown below)



Meeting minutes will be distributed to the prime contractor and other attendees, as requested.



below is an option for
completing invert and doghouse
work on storm manholes

04 DIVISION
MORTAR

UNDERGROUND UTILITY MORTAR



High Bond Strength/Freeze-Thaw Resistance

SPEC MIX® Underground Utility Mortar is a dry preblended mortar mix containing portland cement and hydrated lime, masonry cement or mortar cement and dried masonry sand formulated for superior bond and outstanding freeze-thaw resistance in all underground pre-cast concrete structure applications. Meets ASTM C 270, ASTM C 1714, and CSA A179 requirements. In addition to custom mix designs that are available for specific applications or properties, SPEC MIX Underground Utility Mortar is designed to be compatible with the characteristics of the specified pre-cast concrete structure or brick used in manhole and catch basin construction. SPEC MIX Underground Utility Mortar is acceptable for use above or below grade, for the jointing of all types of underground pre-cast concrete utility construction, and laying concrete brick in manholes and catch basins.

SPEC MIX Underground Utility Mortar is produced under strict manufacturing standards, and complete quality control measures are implemented with each batch. A digital printout displaying the proper proportions per batch may be kept as a permanent record. Submittals are available upon request for certification to applicable ASTM, TMS, and CSA standards.

TYPICAL MATERIALS

PORTLAND CEMENT
MASONRY CEMENT
MORTAR CEMENT
HYDRATED LIME
SAND



(UG-01)



UNDERGROUND UTILITY MORTAR

INSTALLATION/APPLICATION

For concrete pipe connection, ensure that concrete pipe joints are thoroughly cleaned and dry prior to application of SPEC MIX Underground Utility Mortar. Pack the mortar into the annular space on the concrete pipe and finish smooth and flush inside while leaving a smooth mortar layer over the exterior connection. Lay concrete brick in manholes or catch basins following standard masonry practices. SPEC MIX Underground Utility Mortar can be used as a parge coat over the brick in the manhole or catch basin. SPEC MIX products must be kept dry, covered, and protected from weather and other damage.

SIZES AND EQUIPMENT

SPEC MIX Underground Utility Mortar is available in 80 lb (36.2 kg) packages for easy hand loading or in 3,000 lb (1,360.7 kg) reusable bulk bags to be used with the various SPEC MIX silo systems. When using the silo system, once the bulk bags of mortar are delivered to the project site, the portable silo is loaded with a jobsite forklift and the product is dispensed into a mechanical batch mixer.

MIXING INSTRUCTIONS

WEAR IMPERVIOUS GLOVES, such as nitrile.

- Mixing is best accomplished by using a mechanical mixer to ensure optimal workability and performance.
- Use clean, potable water; add the amount of water consistent with optimum workability which provides adequate water to satisfy the initial rate of absorption of the masonry units.
- Mixing times are four to five minutes when using a mechanical batch mixer and should be held consistent from batch to batch.
- Maintain the same mixing procedures to maintain consistency throughout the project.
- Tool mortar joints when the surface is thumb-print hard. Keep tooling times consistent.
- Hand mix mortar only with written approval by the specifier who should outline procedures.

TYPICAL MORTAR PROPERTIES (laboratory tested per ASTM C 270)

Compressive Strength - 28 Days

2500 PSI (17.2 MPa)

Water Retention

75%

Note: The yields given above are approximate and depend on labor practices, site conditions and design of work. Yields include typical waste. Please contact your local representative for more specific yield information in your area.

- Use mortar within 2.5 hours after initial mixing.
- Retemper mortar only when mixing water is lost due to evaporation.

ESTIMATED YIELDS

Each 80 lb (36.2 kg) bag of SPEC MIX Underground Utility Mortar will produce approximately 0.7 cu ft (19.8 L) of wet masonry mortar while a 3,000 lb (1,360.7 kg) bulk bag will yield approximately 26.2 cu ft (742 L) of wet masonry mortar.

LIMITATIONS

SPEC MIX Underground Utility Mortar should be installed in accordance with the provisions of the local building code and applicable ASTM, TMS, and CSA standards. Good workmanship coupled with proper detailing and design assures durable, functional, watertight construction. Follow proper cold-weather and hot-weather masonry procedures at temperatures below 40 °F (4 °C) or above 100 °F (38 °C) respectively.

LIMITED PRODUCT WARRANTY

IN THE UNITED STATES

NOTICE: Obtain the applicable LIMITED WARRANTY at www.specmix.com/product-warranty or send a written request to SPEC MIX, LLC, Five Concourse Parkway, Atlanta, GA 30328, USA. Manufactured under the authority of SPEC MIX, LLC.

AVISO: Obtenga la GARANTÍA LIMITADA correspondiente en www.specmix.com/product-warranty o envíe una solicitud por escrito a SPEC MIX, LLC, Five Concourse Parkway, Atlanta, GA 30328, USA. Fabricado bajo la autoridad de SPEC MIX, LLC.



IN CANADA

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AVIS: Obtenez la GARANTIE LIMITÉE applicable sur www.specmix.com/produit-garantie/. Ou envoyez une demande écrite à SPEC MIX, LLC, Five Concourse Parkway, Atlanta, GA 30328, USA.

TECHNICAL SUPPORT

- CONTACT YOUR LOCAL SPEC MIX® MANUFACTURER
- VISIT WWW.SPECMIX.COM
- CONTACT SPEC MIX®
PHONE: 888-773-2649 FAX: 651-454-5315