

## COUNTY ROAD 83 CONSTRUCTION PROGRESS UPDATE:

From 7/26/10 to 7/30/10

1. Weekly Progress:
  - a. Roadway Construction:
    1. Excavation of the west surcharge continued this week.



**Excavation through the west embankment for placement of a storm sewer culvert.**

2. Storm sewer work continued this week on CR 83/Everton and CR 83/15<sup>th</sup> Street.
  - b. Utilities:
    1. Nothing to report at this time.
  - c. Bridge Construction:
    1. Work on the east abutment this week consisted of pouring the south half of the stem wall and erecting forms for the north and south wing-walls.



Concrete pour of the south half of the east abutment stem wall. The completed and stripped north half can also be seen in the background.

2. Pile driving operations began on the west abutment this week.



A worker welding a splice on a west abutment pile.

2. Traffic Control/Detours:
  - a. Everton and Eureka Avenues remain closed. Use the posted detour routes. Violators will be ticketed.
  
3. Next Steps:
  - a. Roadway Construction:
    1. Storm sewer work will continue next week on the east and west sides.
    2. Ditch cuts and watermain on Everton will begin next week.
    3. The third lift of the temporary northbound off-ramp will be constructed next week.
  
  - b. Utilities:
    1. Nothing to report at this time.
  
  - c. Bridge Construction:
    1. The east abutment wing-walls will be poured next week.
    2. Work on the west abutment next week will consist of finishing pile driving operations and pouring of the footing.

## COUNTY ROAD 83 CONSTRUCTION PROGRESS UPDATE:

From 7/19/10 to 7/23/10

1. Weekly Progress:
  - a. Roadway Construction:
    1. Muck excavation work continued on the west side (Everton and CR 83) this week.
    2. Excavation of the west surcharge began this week.



Excavation of the west surcharge

- b. Utilities:
  1. Nothing to report at this time.
- c. Bridge Construction:
  1. Work on the north retaining wall this week consisted of completing pile driving operations and pouring the remaining five panels of the footing (done in two separate pours).



**Excavation for the north retaining wall footing**



**Pile driving operations for the north retaining wall footing**



Concrete pour for panels 5, 6, and 7 footings of the north retaining wall

2. The north half of the east abutment stem wall was poured this week.



Workers pouring concrete for the north half of the east abutment stem wall

2. Traffic Control/Detours:
  - a. Everton Avenue remains closed. Use the posted detour route.

3. Next Steps:

a. Roadway Construction:

1. Next week, muck excavation work will be completed on the west side.  
Excavation on the west surcharge will continue next week to facilitate bridge work for the west abutment.

b. Utilities:

1. Nothing to report at this time.

c. Bridge Construction:

1. Work on the east abutment next week will include pouring the south half of the stem wall, the northeast wingwall, and setting forms and reinforcing steel for the southeast wingwall.
2. Pile driving will begin next week on the west abutment, once excavation has been completed.

## COUNTY ROAD 83 CONSTRUCTION PROGRESS UPDATE:

From 7/12/10 to 7/16/10

1. Weekly Progress:
  - a. Roadway Construction:
    1. Muck excavation work continued on the west side (Everton and County Road 83) this week.



Forest Lake Contracting muck excavating on CR 83

2. Storm sewer work on the east side continued.
3. The second lift of the northbound temporary off-ramp was constructed this week. It will sit for no more than 2 weeks, or until settlement ceases, before the third lift is constructed.



**Construction of the second lift of the temporary northbound off-ramp surcharge**

b. Utilities:

1. Nothing to report at this time.

c. Bridge Construction:

1. The first two panels of footing were poured for the retaining wall that extends off of the northeast wingwall of the east abutment. Pile were driven for panels three and four of the same retaining wall.



**R.R Schroeder workers pouring part of the north retaining wall's footing**



**Pile being driven for the north retaining wall**

2. Steel reinforcement and forms were partially constructed for the stem wall of the east abutment.
2. Traffic Control/Detours:
  - a. Everton Avenue remains closed. Use the posted detour route.
3. Next Steps:
  - a. Roadway Construction:
    1. Next week, muck excavation work will continue on the west side, excavation of the west surcharge will begin, and storm sewer work on the east side will continue.
  - b. Utilities:
    1. Nothing to report at this time.
  - c. Bridge Construction:
    1. Work on the east abutment and north retaining wall will continue into next week. This will include pile driving, placing of footing and stem wall formwork, and concrete pours.

## COUNTY ROAD 83 CONSTRUCTION PROGRESS UPDATE:

From 7/5/10 to 7/9/10

1. Weekly Progress:
  - a. Roadway Construction:
    1. Muck excavation work began on Everton this week.
    2. Storm sewer work continued on the west side.
  - b. Utilities:
    1. Nothing to report at this time.
  - c. Bridge Construction:
    1. The east abutment footing was constructed this week.



**The completed east abutment footing**

2. Pile driving operations began on the north retaining wall.



R.R. Schroeder workers driving pile for the north retaining wall

2. Traffic Control/Detours:
  - a. Everton Avenue remains closed. Use the posted detour route.
3. Next Steps:
  - a. Roadway Construction:
    1. Muck excavation work on Everton will continue into next week. Excavation on the west surcharge will begin next week.
  - b. Utilities:
    1. Nothing to report at this time.
  - c. Bridge Construction:
    1. Work on the north retaining wall will continue into next week. This will include pile driving, placing of footing formwork, and concrete pours.

## COUNTY ROAD 83 CONSTRUCTION PROGRESS UPDATE:

From 6/28/10 to 7/2/10

1. Weekly Progress:
  - a. Roadway Construction:
    1. The first lift of the temporary northbound off-ramp surcharge was placed this week. It will sit for no more than 2 weeks, or until settlement ceases, before the next lift is constructed.



Temporary northbound off-ramp surcharge after placement of 1<sup>st</sup> lift

2. Grading work continued on the east side.
- b. Utilities:
  1. Nothing to report at this time.
- c. Bridge Construction:
  1. Pile driving operations on the east abutment were completed this week.



**Pile driving at the east abutment**

2. Forms and reinforcing steel were set for the east abutment footing.



**Placing of forms and reinforcing steel for the east abutment footing**

2. Traffic Control/Detours:

- a. All traffic lanes on Northbound I-35 were open for the Fourth of July weekend.

3. Next Steps:

a. Roadway Construction:

1. Muck excavation work will begin on the west side next week. The temporary northbound off-ramp surcharge will be monitored for settlement to determine when another lift can be placed.

b. Utilities:

1. Nothing to report at this time.

c. Bridge Construction:

1. The east abutment footing will be poured at the beginning of next week. Work will begin next week on the north retaining wall.



## COUNTY ROAD 83 CONSTRUCTION PROGRESS UPDATE:

From 6/21/10 to 6/25/10

1. Weekly Progress:
  - a. Roadway Construction:
    1. Excavation work on the east surcharge continued this week.



Excavation of the east surcharge

2. Subcutting work for County Road 83 continued on the east side.
3. Construction began on the temporary northbound I-35 off-ramp that will be used next spring as a detour route once the Broadway Avenue Bridge is removed.



**Beginning of construction for the temporary northbound off-ramp**

- b. Utilities:
  - 1. Nothing to report at this time.
- c. Bridge Construction:
  - 1. Pile driving operations began for the east abutment.



**R.R. Schroeder workers driving pile for the east abutment**

2. Traffic Control/Detours:
  - a. Everton Avenue will be closed beginning June 28<sup>th</sup>.
  
3. Next Steps:
  - a. Roadway Construction:
    1. Work will continue next week on the northbound temporary off-ramp and east surcharge excavation.
  - b. Utilities:
    1. Nothing to report at this time.
  - c. Bridge Construction:
    1. Pile driving operations will continue next week for the east abutment and retaining walls.

## COUNTY ROAD 83 CONSTRUCTION PROGRESS UPDATE:

From 6/14/10 to 6/18/10

1. Weekly Progress:
  - a. Roadway Construction:
    1. Excavation work on the east surcharge began this week.



**Removal of embankment material on the east surcharge**

2. Storm sewer work on the east side continued this week.
  3. Grading on the Mn/DOT haul road was completed this week.
- b. Utilities:
  1. Nothing to report at this time.
- c. Bridge Construction:
  1. Pier 3's cap section was stripped and rubbed, marking the completion of all three bridge piers.



View looking east at the three completed bridge piers

2. Traffic Control/Detours:
  - a. Nothing to report at this time.
  
3. Next Steps:
  - a. Roadway Construction:
    1. Removal of the east surcharge and storm sewer work on the east side will continue next week.
  - b. Utilities:
    1. Nothing to report at this time.
  - c. Bridge Construction:
    1. Pile driving operations will begin next week for the east abutment and retaining walls once excavation work has been completed on the east surcharge.



## COUNTY ROAD 83 CONSTRUCTION PROGRESS UPDATE:

From 6/7/10 to 6/11/10

1. Weekly Progress:
  - a. Roadway Construction:
    1. The hauling of embankment material for the west side surcharge was completed last week. The surcharge will remain in place for approximately 30 days to achieve the desired settlement.



Completed surcharge on the west side

2. Storm sewer work on the east side began this week.
3. Reconstruction work on the Mn/DOT haul road just east of Everton also began. This road will be used as a detour route next summer once the Broadway Avenue Bridge is removed.



**Subcutting followed by granular backfill on the Mn/DOT haul road**

b. Utilities:

1. Nothing to report at this time.

c. Bridge Construction:

1. Pier 1 (Located just east of the rest area on-ramp)
  1. Pier 1 was stripped and surfaces were given a finishing rub.
2. Pier 2 (Located just west of southbound I-35)
  1. Pier 2 was completed last week.
3. Pier 3 (Located in the median of I-35)
  1. Pier 3's cap section was poured.



2. Traffic Control/Detours:
  - a. Nothing to report at this time.
3. Next Steps:
  - a. Roadway Construction:
    1. The surcharge on the east side will be removed at the beginning of the week. Storm sewer work and reconstruction on the Mn/DOT haul road will continue into next week.
  - b. Utilities:
    1. Nothing to report at this time.
  - c. Bridge Construction:
    1. Pier 3's cap section will be finished next week, thus marking the completion of all three piers. With the removal of the east side surcharge, work on the east abutment will commence, once excavation work has been completed.

## COUNTY ROAD 83 CONSTRUCTION PROGRESS UPDATE:

**From 5/31/10 to 6/4/10**

1. Weekly Progress:
  - a. Roadway Construction:
    1. Finished the placement of embankment material for the surcharge operation on the west side of I-35. The surcharge will remain in place for an estimated 30 days to achieve the desired settlement.



**Hauling of embankment material nearing completion on the west side**

- b. Utilities:
  1. Connexus Energy and Great River Energy worked on stringing new lines on the west side.
- c. Bridge Construction:
  1. Pier 1 (Located just east of the rest area on-ramp)
    1. Cap section was formed and poured.



**Concrete pour of pier 1's cap section**

2. Pier 2 (Located just west of southbound I-35)
  1. Stripped cap section forms and rubbed sides.



**Pier 2's finished cap section**

3. Pier 3 (Located in the median of I-35)
  1. Poured the columns.



**Pouring of pier 3's columns**

2. Traffic Control/Detours:
  - a. Nothing to report at this time.
3. Next Steps:
  - a. Roadway Construction:
    1. Work next week will consist of storm sewer work.
  - b. Utilities:
    1. Nothing to report at this time.
  - c. Bridge Construction:
    1. Work next week will consist of pouring pier 1's cap section. All three piers should be fully constructed by the end of next week.

## COUNTY ROAD 83 CONSTRUCTION PROGRESS UPDATE:

From 5/24/10 to 5/28/10

1. Weekly Progress:
  - a. Roadway Construction:
    1. Continued placement of embankment material for the surcharge operation on the west side of I-35.



Forest Lake Contracting hauling granular material for the embankment west of I-35

2. Worked on the excavation of the east infiltration basin at 15<sup>th</sup> Street.
3. Began excavating the west infiltration basin.



**Excavation work at the west infiltration basin**

- b. Utilities:
  - 1. Xcel completed gas relocations late last week and continued working on electric relocations this week.
  - 2. Connexus began underground work on the west side of Everton.
- c. Bridge Construction:
  - 1. Pier 1 (Located just east of the rest area on-ramp)
    - 1. Columns were formed and poured.
  - 2. Pier 2 (Located just west of southbound I-35)
    - 1. Formed and poured the cap section.



**Formwork being assembled for pier 2's cap section**

3. Pier 3 (Located in the median of I-35)
  1. Formed and poured the crash strut.



R.R Schroeder workers pouring pier 3's crash strut.

2. Removed temporary sheeting and backfilled excavated area.
2. Traffic Control/Detours:
    - a. Stage 1 traffic control was completed on the east side, but should have a minimal affect on traffic conditions.
  3. Next Steps:
    - a. Roadway Construction:
      1. Work will continue next week on the embankment on the west side.
      2. Storm sewer work to potentially begin next week on the east side.
    - b. Utilities:
      1. Nothing to report at this time.
    - c. Bridge Construction:
      1. Work next week will consist of pouring pier 3's columns and pier 1's cap section.
    - d. **Note: Mindy Hoeschen (Broadway Avenue Business Liaison) has changed her office hours effective June 1, 2010. Mindy will be available to meet with Forest Lake area businesses or residents on Tuesdays between 12:00 PM and 4:00 PM to hear specific project related concerns and/or to help answer questions. Location: Headwaters Service Center, 19955 Forest Road North, Room L12, in Forest Lake. If you would like to set up a meeting, call her at (651) 470-7754 or come to the Headwaters Service Center during the time specified.**

## COUNTY ROAD 83 CONSTRUCTION PROGRESS UPDATE:

From 5/17/10 to 5/21/10

1. Weekly Progress:
  - a. Roadway Construction:
    1. Finished placement of embankment material for the surcharge operation on the east side of I-35. The surcharge will remain in place for an estimated 30 days to achieve the necessary settlement.



Settlement plates placed below the embankment material are attached to a series of poles (pictured) that are used by Washington County surveyors to track settlement

2. Began placement of embankment material on the west side of I-35 for the surcharge operation. This work will continue through next week.
3. Excavated the east infiltration basin at 15<sup>th</sup> Street. Once completed, excavation will begin on the west infiltration basin.



**Excavation work on the east infiltration basin located just south of CR 83 at 15<sup>th</sup> Street**

- b. Utilities:
  - 1. Great River Energy completed relocations, and energized their lines over I-35.
  - 2. Xcel worked on gas and electric relocations on the east side of I-35.
  
- c. Bridge Construction:
  - 1. Pier 1 (Located just east of the rest area on-ramp)
    - 1. Forms were removed from the crash strut.
    - 2. Work will continue next week on the columns.
  
  - 2. Pier 2 (Located just west of southbound I-35)
    - 1. The columns were poured this week.



**R.R. Schroeder construction workers pouring columns for pier 2**

2. Work will continue next week with the cap section.
  3. Pier 3 (Located in the median of I-35)
    1. Completed pile driving operations.
    2. Placed forms and poured the footings.
    3. Work will continue next week on the crash strut.
2. Traffic Control/Detours:
- a. No imminent road closures or changes in detour routes.

## COUNTY ROAD 83 CONSTRUCTION PROGRESS UPDATE:

From 5/10/10 to 5/14/10

1. Weekly Progress:

a. Roadway Construction:

1. Continued placing embankment material for surcharge operation on the east side of I-35. This will work continue into next week.



b. Utilities:

1. Great River Energy set poles and strung wire over I-35. Connexus strung their wires at the same time.



2. Xcel worked on relocating power lines on the east side I-35. This work will continue into next week.
3. Qwest worked on relocations on the west side of Everton for Great River Energy to relocate poles.

c. Bridge Construction:

1. Pier 1
  1. Crash strut was poured on 5/12.



2. Work will continue next week on the columns.
2. Pier 2
  1. Columns will be poured next week.
  2. Work will continue next week with the cap section.
3. Pier 3
  1. Began pile driving operations. This work will continue through next week.



## COUNTY ROAD 83 CONSTRUCTION PROGRESS UPDATE:

From 5/3/10 To 5/7/10

1. Weekly Progress:
  - a. Roadway Construction:
    1. Completed installation of wick drains on the east and west sides of I-35.
    2. Began placing embankment material for surcharge operation on the east side of I-35. This work will continue next week.
  - b. Utilities:
    1. Qwest and Great River Energy are working on relocating their facilities on the west side of I-35. This work will continue next week.
  - c. Bridge Construction:
    1. Pier 1 Footings: Set forms, placed reinforced steel, and poured concrete for Pier 1 footings on 5/4/10. Forms will be stripped this week and the strut section will be constructed early next week.



2. Pier 2 Strut: Pier 2's strut was poured on 5/6/10. Forms will remain in place until early next week.



3. Pier 3: Removed concrete median barrier in the median area of I-35. Began installing sheeting material on 5/7/10. This is required to create shoring due to the proximity of both NB and SB I-35. Once all the sheet pile is driven, excavation work can be completed for pile driving operations.



## **COUNTY ROAD 83 CONSTRUCTION PROGRESS UPDATE:**

**From 4/26/10 To 4/30/10**

1. Weekly Progress:
  - a. Roadway Construction:
    1. Continued with muck excavation and backfilling with granular material on the west side of I-35. This will form the sub-base for the new roadways.
    2. Began installation of wick drains on east side of I-35. These will be used to remove moisture from the soils during the surcharge operation.
  - b. Bridge Construction:
    1. Drove test piles and foundation piles for bridge piers. These will be used for footings.
    2. Began forming and pouring footings for bridge piers.
  - c. Utilities:
    1. Great River Energy removed overhead transmission line crossing I-35 because it was in conflict with the new construction. The line will be relocated.
  
2. Next Steps:
  - a. Roadway Construction:
    1. Continue with wick drain installations.
    2. Begin building up embankment for surcharge on east side of I-35.
  - b. Bridge Construction:
    1. Continue construction of bridge piers.
  - c. Utilities:
    1. Work on installation of new Great River Energy transmission lines.

## **COUNTY ROAD 83 CONSTRUCTION PROGRESS UPDATE:**

**From 4/19/10 To 4/23/10**

1. Eureka Avenue was closed to through traffic near the Health Club to facilitate construction.
2. Everton Avenue will remain open to through traffic as long as possible, but will be closed near the Mn/DOT Maintenance Facility at a later date.
3. Muck and other organic soils are being excavated from certain areas on the project as this material is not suitable for roadway and bridge construction. Clean granular backfill is being imported into these areas.
4. Temporary storm-water drainage systems were installed east of I-35.
5. Portable concrete barriers and crash attenuators were placed adjacent to construction zones along I-35 for vehicle and worker safety.
6. Bridge materials are being delivered and stockpiled at the construction site.
7. Began pile driving operations for bridge pier footings.
8. Next Steps:
  - a. Overhead power lines and poles will be removed and relocated.
  - b. Install wick drains as part of surcharge operations on both sides of I-35.
  - c. Continue pile driving operations for bridge piers.



## COUNTY ROAD 83 CONSTRUCTION PROGRESS UPDATE:

From 4/12/10 To 4/16/10

1. Construction equipment is being mobilized onto the project site.
2. Advance warning signs and detour signs were placed for Eureka Avenue closure to begin on April 19th. Everton Avenue will remain open as long as possible, but will be closed near the Mn/DOT Maintenance Facility at a later date.
3. Removal work, such as clearing and grubbing of trees, and bituminous pavement is proceeding on the project site.
4. Silt fence is being installed to prevent erosion into nearby environmentally sensitive areas.
5. Electrical distribution lines crossing I-35 were removed and will be relocated.
6. Next Steps:
  - a. Proceed with topsoil excavation, muck excavation, and import granular material for bridge approach work.
  - b. Install wick drains as part of surcharge operation.
  - c. Begin work on bridge piers.