

2015 Hwy 169 Construction Project Jordan and Sand Creek Township

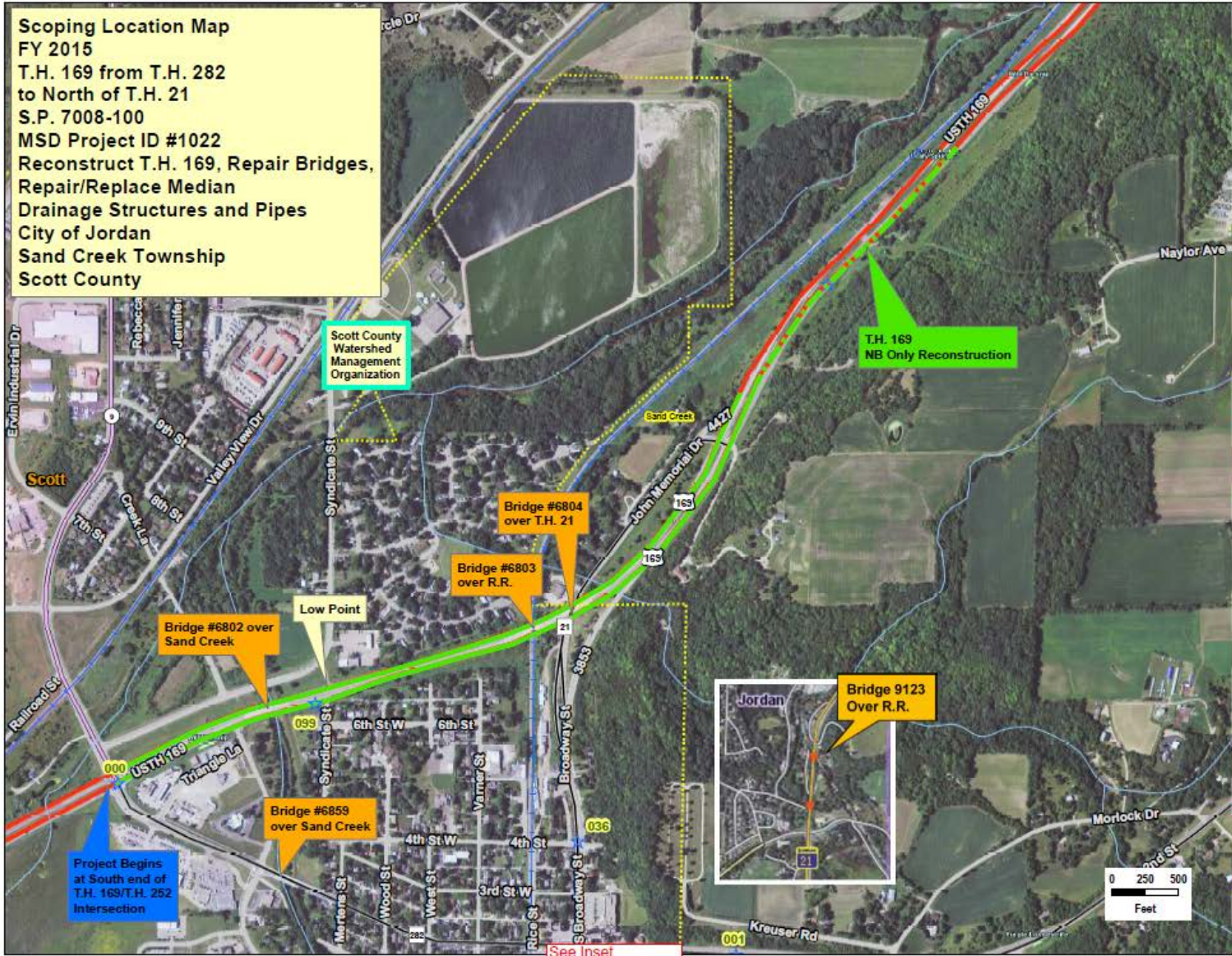
Jordan Public Meeting
March 31, 2015

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Project Website:
Mndot.gov/metro/projects/hwy169jordan/



Scoping Location Map
 FY 2015
 T.H. 169 from T.H. 282
 to North of T.H. 21
 S.P. 7008-100
 MSD Project ID #1022
 Reconstruct T.H. 169, Repair Bridges,
 Repair/Replace Median
 Drainage Structures and Pipes
 City of Jordan
 Sand Creek Township
 Scott County



4052013

**T.H. 169 from T.H. 282
 to North of T.H. 21**

Construct median J-barrier and replace median drainage structures and pipes. Please note that the bridges currently have a standard of a 4-foot reaction to each barrier, which can not be accomplished on any of the three bridges (Bridge #6802 is 4 feet less than desirable, #6803 is 2 feet less than desirable and #6804 is 4 feet less than desirable). However, the proposed would not make the existing condition worse. US 169 in this area is divided by a sub-standard curb median. Generally, the existing median is 4 feet wide with 1-foot on each side to the driving lane. The result is some severe head-on and crossover crashes. There is also water ponding along the center median into the NB and SB TH 169 lanes, which sprays to the on-coming as vehicles drive through. The existing catch basins are inside the curb median, which do not seem to work efficiently. In some instances, hydroplaning and loss of control occurs. Generally, the non-bridge sections have 12-foot driving lanes and 8-foot outside shoulders.



Created by Pam O'Brien Scoping Project Documentation

Legend

- ★ REFERENCE POSTS
- CIVIL_TOWNSHIPS
- SCOPING_NEEDS
- TRANS ROUTES US
- RAILROADS
- TRANS ROUTES MN
- StreamNetwork
- TRANS STREETS
- NOXIOUS WEEDS
- OPTIONAL_NEED

EDMS doc. #855013

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Project Description

- ▶ Construct concrete center median barrier to prevent head-on crossover crashes
- ▶ Add new catch basins and pipes to improve drainage and reduce water spray and icy conditions



Project Description of work

- ▶ Reconstruct Hwy 169 from Hwy 282 to ½ mile north of Hwy 21
 - Preserve the structural integrity of the roadway
 - Provide smoother ride
- ▶ Reconstruct Hwy 169/Hwy 282 intersection and update pedestrian facilities
 - Curb ramps and Accessible Pedestrian Signals (APS) to meet current ADA Guidelines



Project Description cont.

- ▶ Replace joints, add center median and resurface four Hwy 169 bridges
- ▶ Replace joints and resurface Hwy 282 bridge over Sand Creek
- ▶ Repair joints on Hwy 21 bridge over UPRR
- ▶ Flood seal Hwy 21 bridge over Sand Creek
- ▶ Hwy 21 bridges scheduled for replacement in 2017–2021



General Hwy 169 Traffic Impacts

- ▶ Complete work in one construction season
- ▶ Maintain access to all businesses and residents
- ▶ Reduce speed limit to 45 mph through work zone
- ▶ Hwy 169 will be one lane in each direction throughout construction

Paving will require head to head traffic on one side with Hwy 169 construction work on other side

Center median work will require inside lane closure with traffic on outside lanes



STAGE 1A

3 Weeks - Early May to Early June

Stage 1A




- Southbound Hwy 169 to Co. Rd. 9
- - - Northbound Hwy 169 to Co. Rd. 9
- ← Crossover
- ⊗ Closed

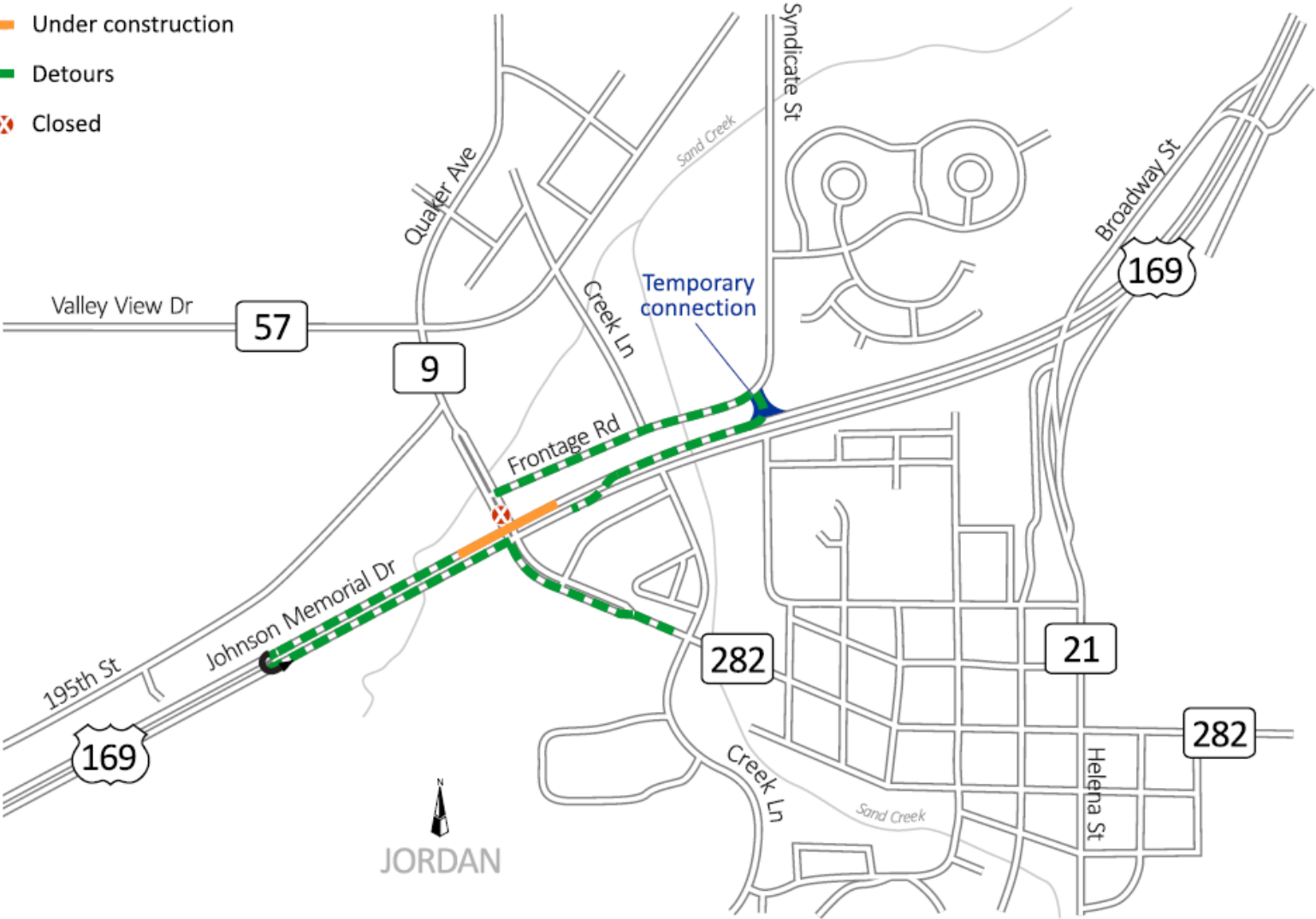


STAGE 1A

3 Weeks - Early May to Early June

Stage 1A

-  Under construction
-  Detours
-  Closed



STAGE 1B

3 weeks - Early June to Early July



- ← Crossover
- ↔ Two way traffic
- Northbound Hwy 169 under construction
- ⊗ Closed

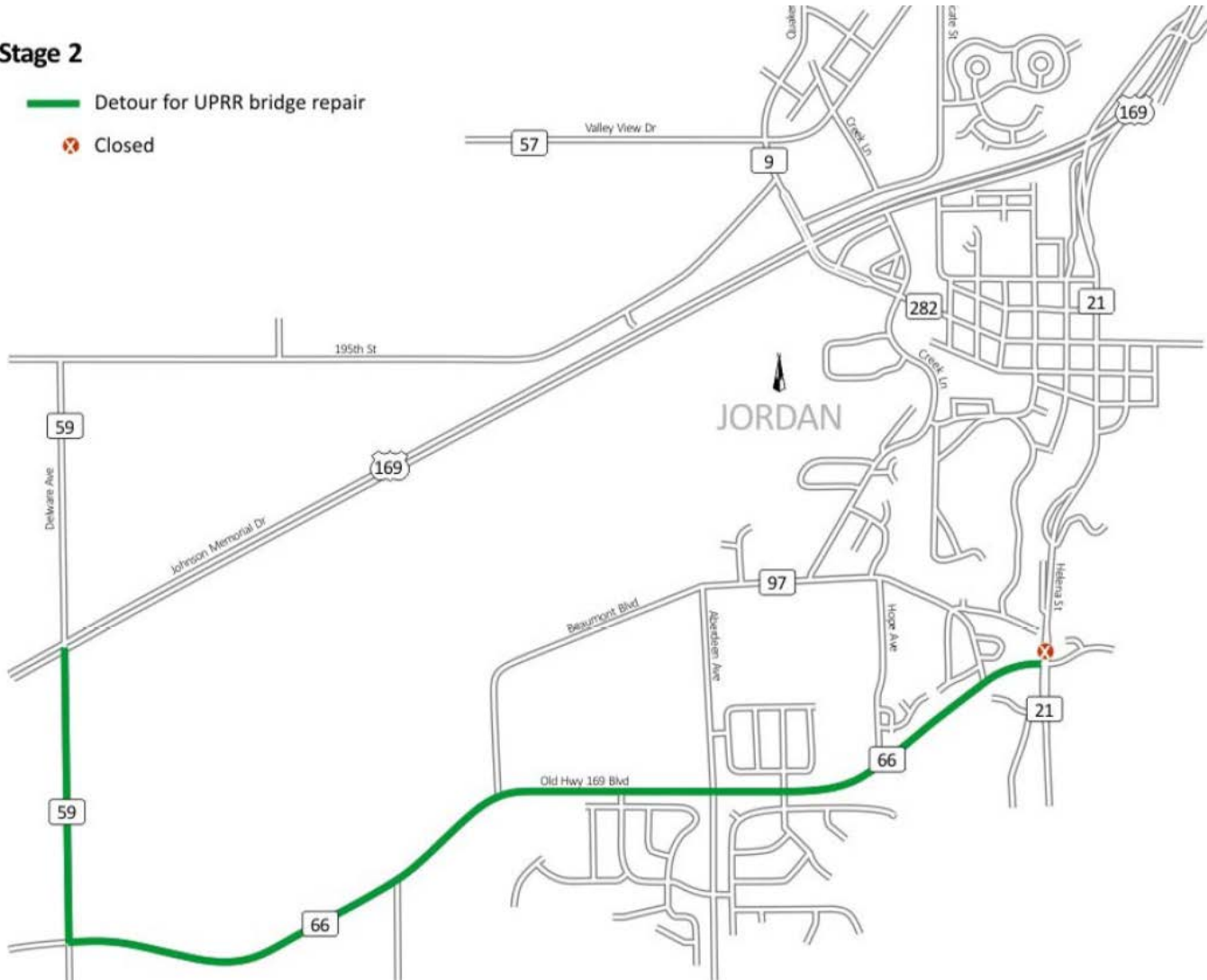


STAGE 2

Weekend closure for Hwy 21 Bridge Work

Stage 2




-  Detour for UPRR bridge repair
-  Closed

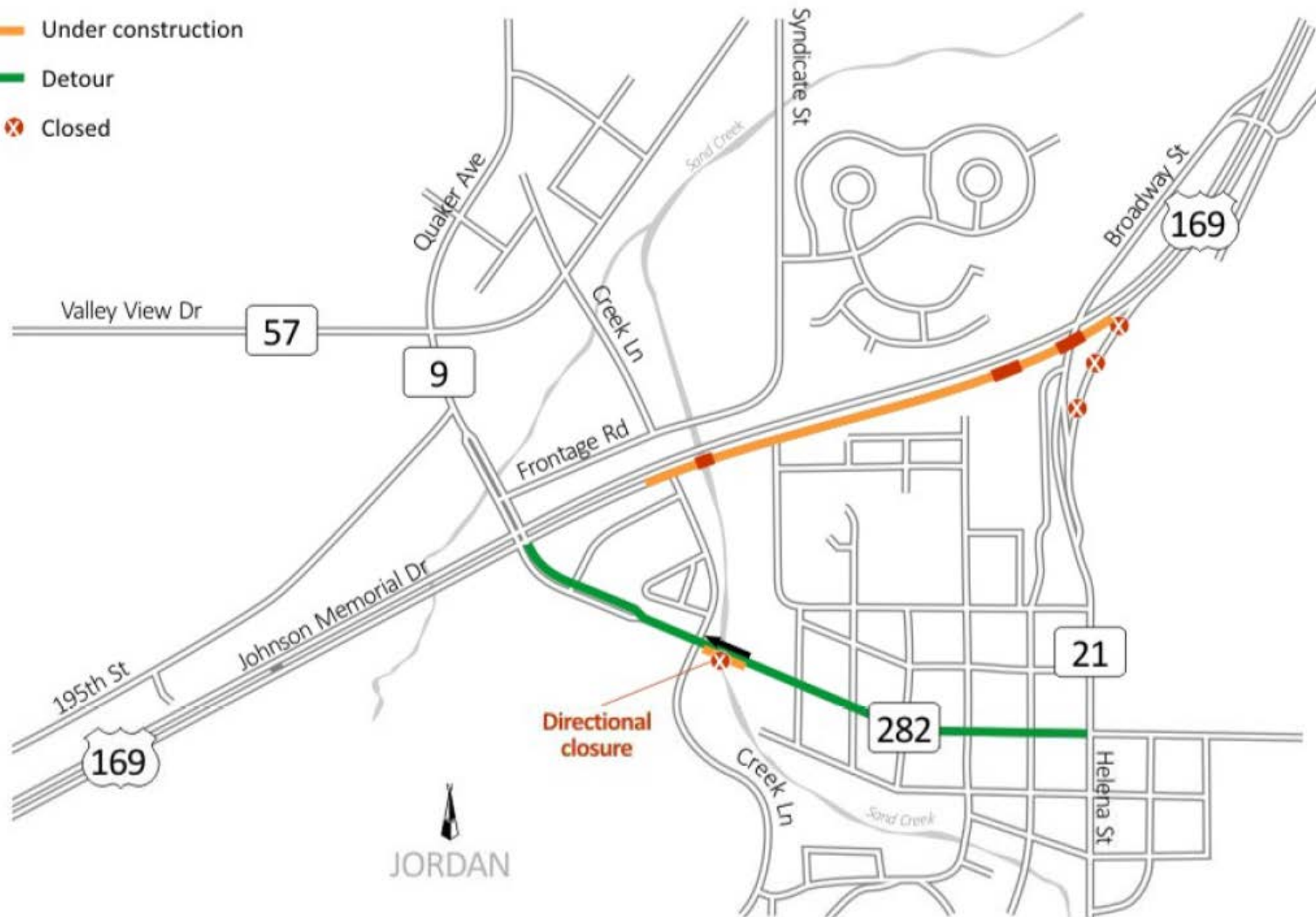


LATE IN STAGE 3

Two weeks - Early to Mid August

Late in Stage 3




-  Under construction
-  Detour
-  Closed



EARLY STAGE 4

Two weeks - Late Sept to Early Oct

Early in Stage 4

-  Under construction
-  Detour
-  Closed



Questions?

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For more information and to sign up for Constant Contact emails:

Project Website: mndot.gov/metro/projects/hwy169jordan/

