

SE MAIN/20TH/21ST ST RAILROAD GRADE SEPARATION PROJECT CONSTRUCTION

Community Information Meeting
July 11, 2018

City of Moorhead Engineering Department
Ames Construction
SRF Consulting / Braun Intertec



Goals

- ▣ Project History 2002-Present
- ▣ What will remain the same
- ▣ Planned Detour information
- ▣ Traffic Calming Measures
- ▣ Keep connected
- ▣ Adaptability
- ▣ Flexibility



Project History

- ▣ 2000: Study of 34th Street/I-94 Interchange and Railroad Relocation Alternatives
- ▣ 2002: Preliminary engineering & environmental assessment (EA) begins
- ▣ 2006: Right-of-way acquisition & final design begins
- ▣ 2007: Final EA & Finding of No Significant Impact
- ▣ 2009: 95% Plans Complete
- ▣ 2011: Building demo & site preparation
- ▣ 2017: \$42.262M State grant awarded
- ▣ 2018: Additional \$6M State grant awarded; bid awarded to Ames Construction Inc.; construction begins

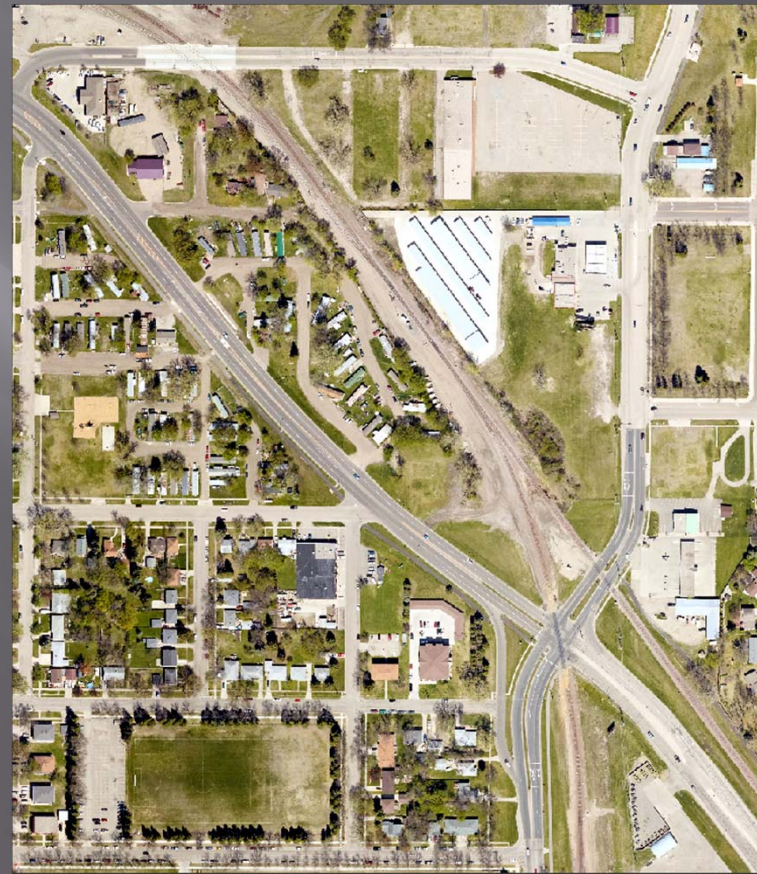


Project History

2002

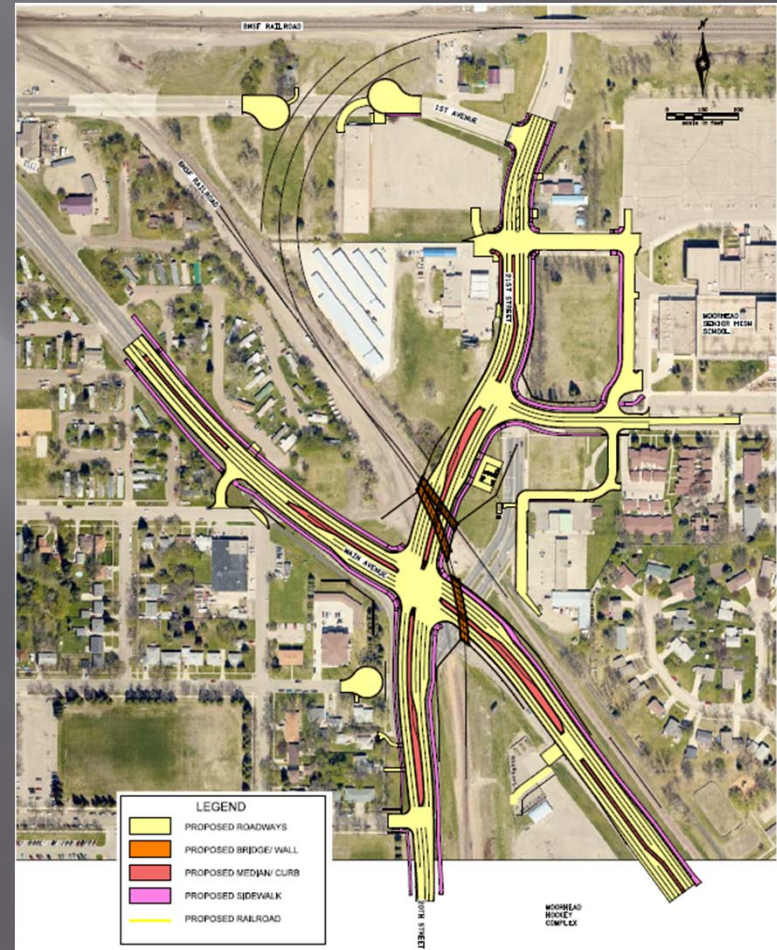


2017



What to Expect

- ▣ Construction Noise & Traffic
- ▣ Temporary Signals
- ▣ Business Access / Destination Signage
- ▣ School Access
- ▣ Changes happening as construction evolves
- ▣ Any specific questions can be taken individually after the presentation



What will not be affected by construction

With limited exceptions

- ▣ Physical access to home driveways
- ▣ Garbage Pick Up
- ▣ Mail Delivery
- ▣ Snow Removal
- ▣ Services on regular schedule



Construction Schedule

- ▣ Typically Monday through Friday 7am-7pm
- ▣ Saturday work only as needed
- ▣ Construction traffic should be restricted to major roadways & actual construction limits
- ▣ Contractor will use existing City properties for staging of equipment and materials
- ▣ Any concerns, please reach out to Tom Trowbridge at 218.299.5395

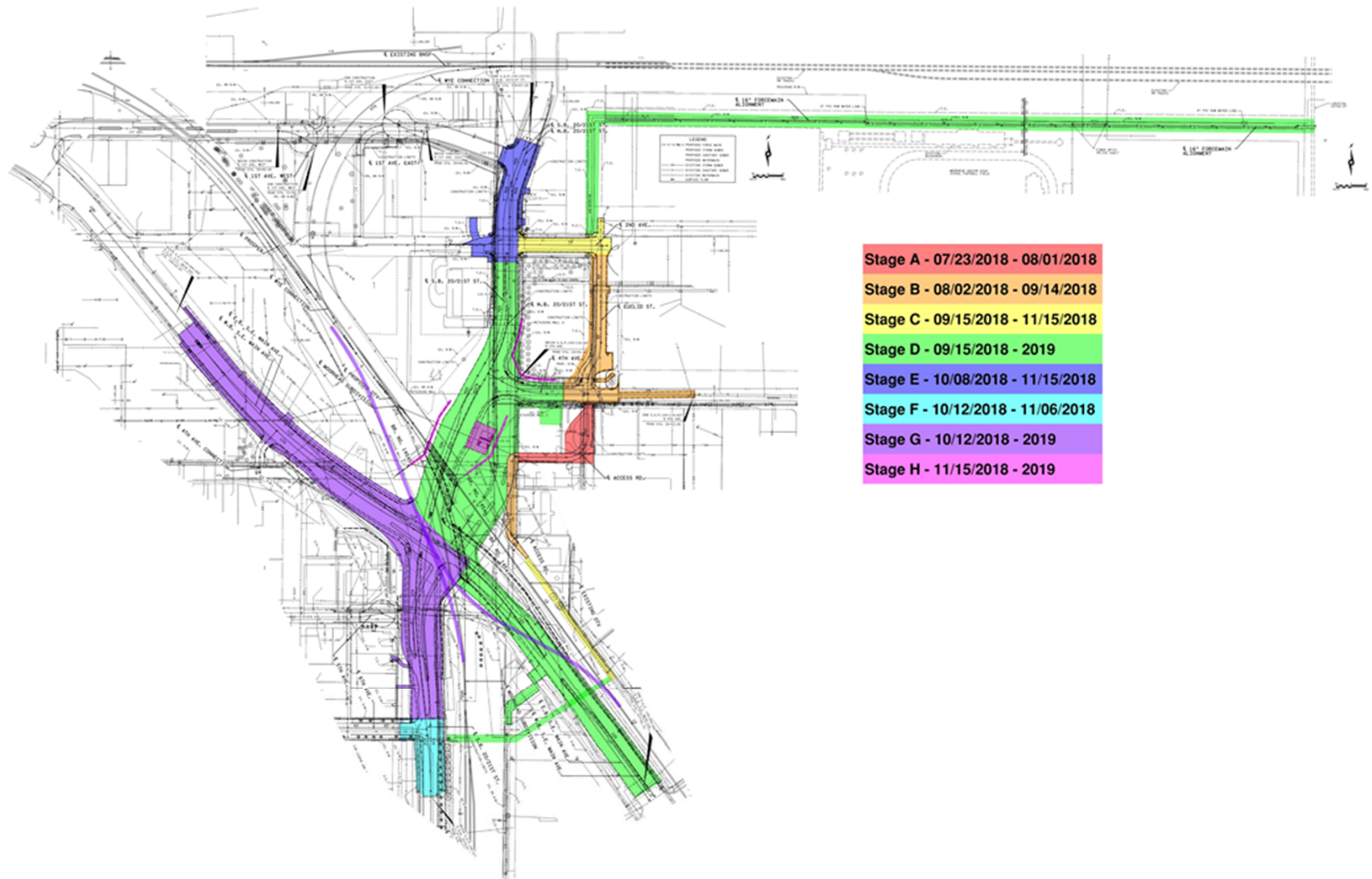


Construction Schedule

- ▣ Ongoing relocation of private / public utilities (Xcel Energy and MPS Electric)
- ▣ 4th Ave S / Euclid St / 2nd Ave S (Ames)
- ▣ Stormwater Pumping Station, Walls (Ames)
- ▣ Railroad Shoofly (BNSF)
- ▣ Bridges, East & North Approaches, Walls (Ames)
- ▣ Permanent Railroad Tracks (BNSF)
- ▣ West & South Approaches, Walls (Ames)
- ▣ 1st Ave S Closure / Cul-de-Sacs (Ames)
- ▣ Railroad Wye (BNSF)



Ames 2018 Stages A-H

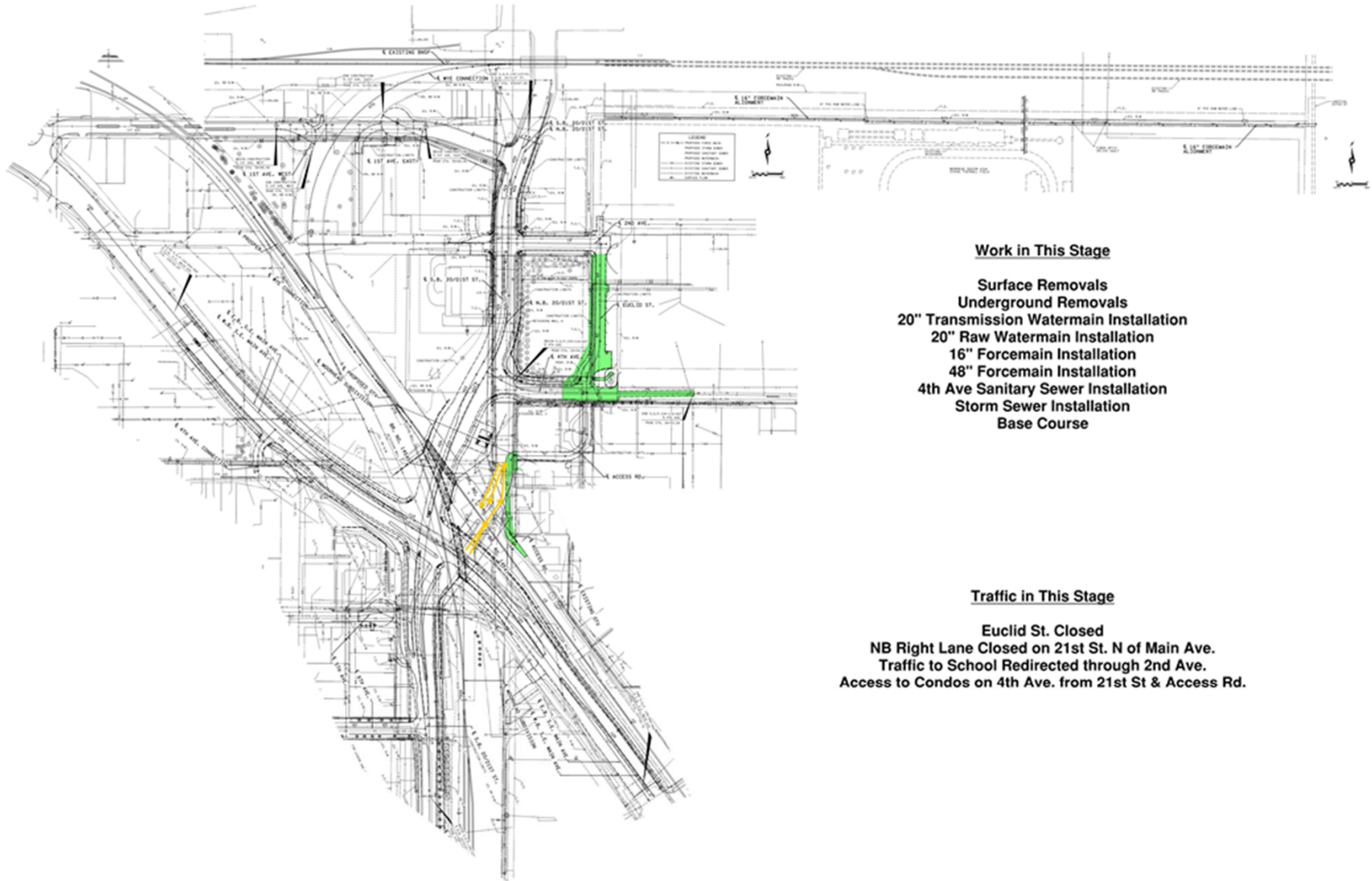


Surface Removals
Underground Removals
20" Transmission Watermain Installation
Storm Sewer Installation
Establish Temporary Access to Condos
Base Course

Normal Traffic Flow

Ames Stage B

08/02/2018 - 09/14/2018



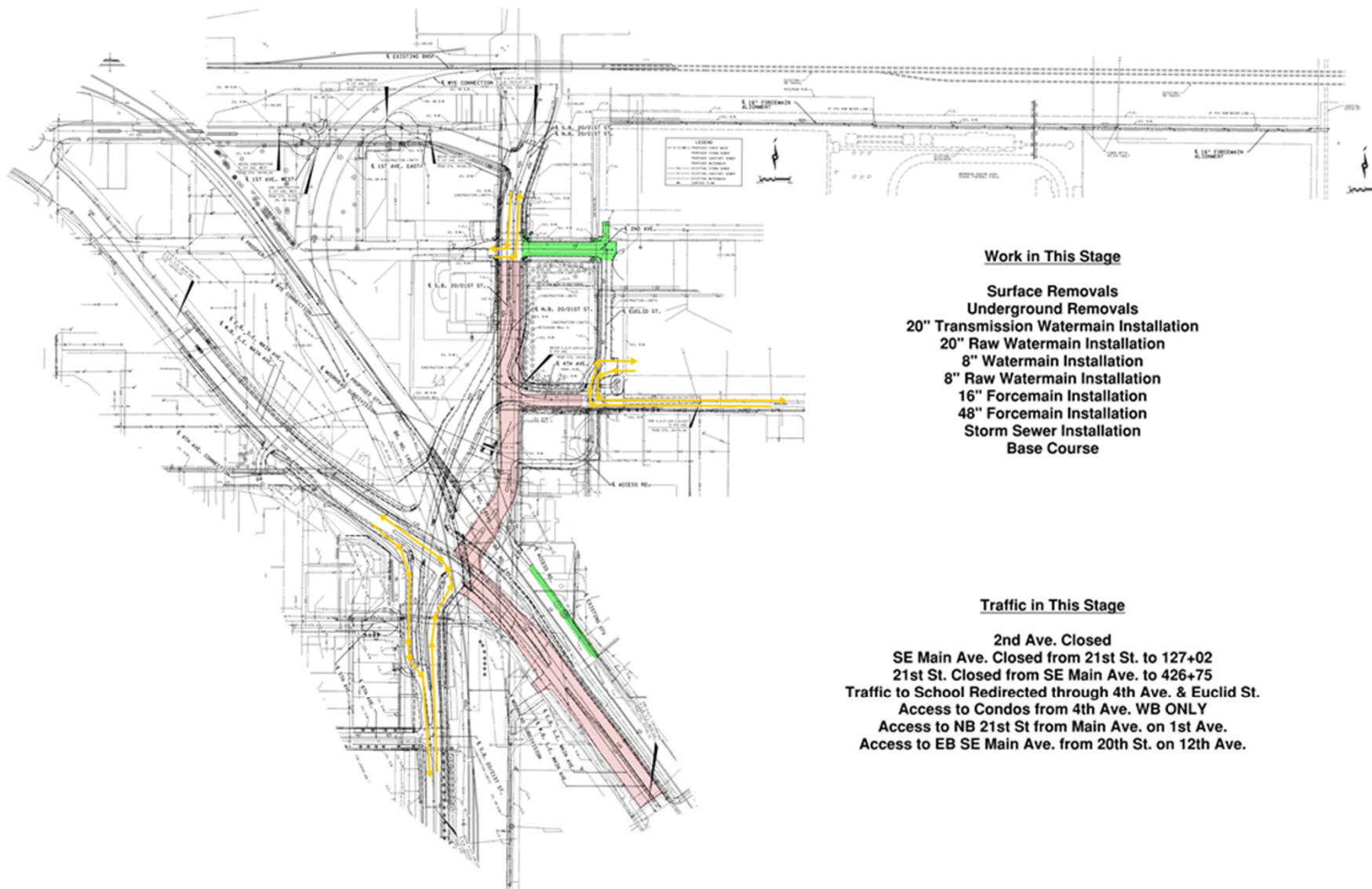
Work in This Stage

Surface Removals
Underground Removals
20" Transmission Watermain Installation
20" Raw Watermain Installation
16" Forcemain Installation
48" Forcemain Installation
4th Ave Sanitary Sewer Installation
Storm Sewer Installation
Base Course

Traffic in This Stage

Euclid St. Closed
NB Right Lane Closed on 21st St. N of Main Ave.
Traffic to School Redirected through 2nd Ave.
Access to Condos on 4th Ave. from 21st St & Access Rd.

Ames Stage C 09/15/2018 - 11/15/2018



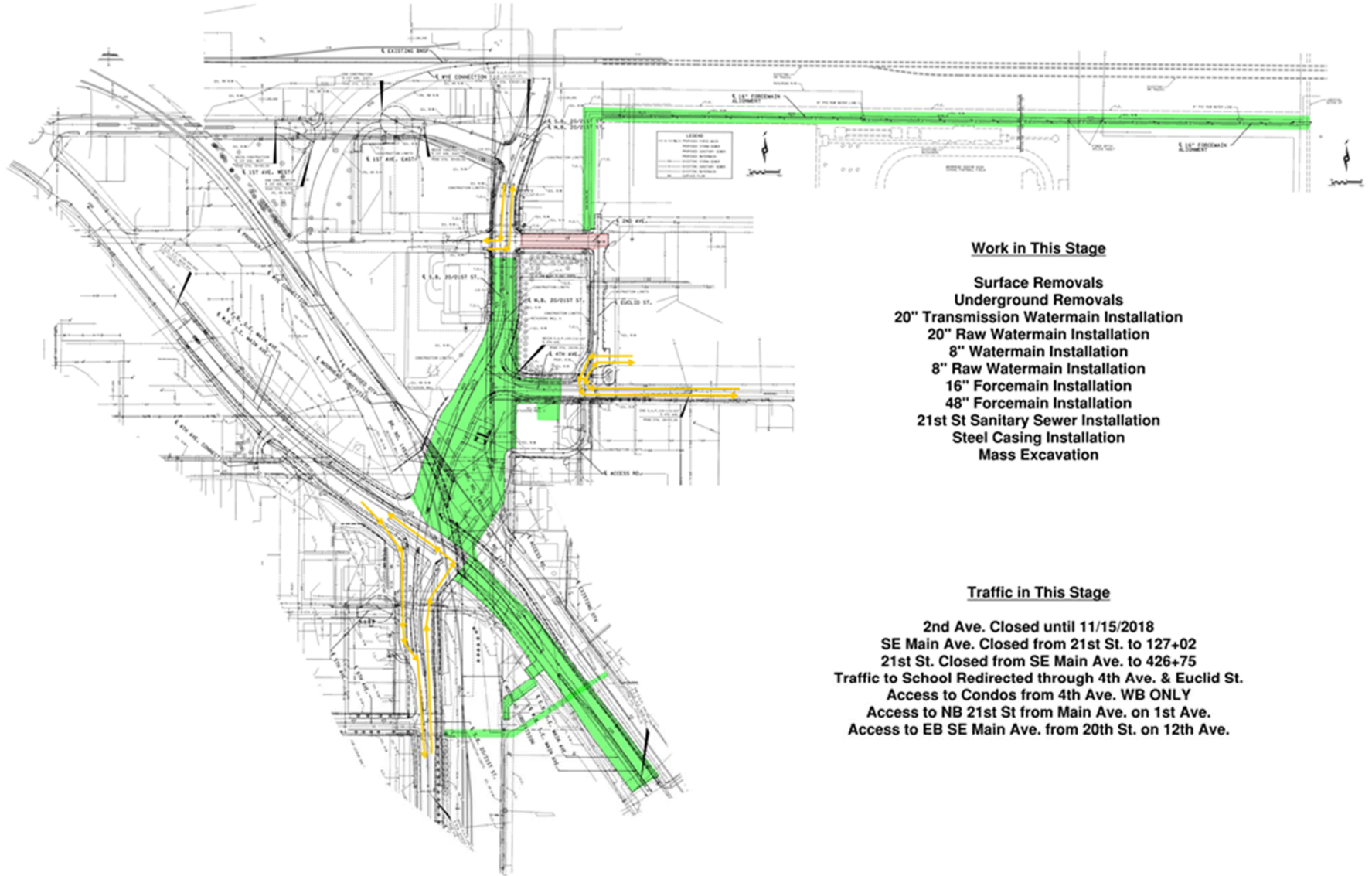
Work in This Stage

Surface Removals
 Underground Removals
 20" Transmission Watermain Installation
 20" Raw Watermain Installation
 8" Watermain Installation
 8" Raw Watermain Installation
 16" Forcemain Installation
 48" Forcemain Installation
 Storm Sewer Installation
 Base Course

Traffic in This Stage

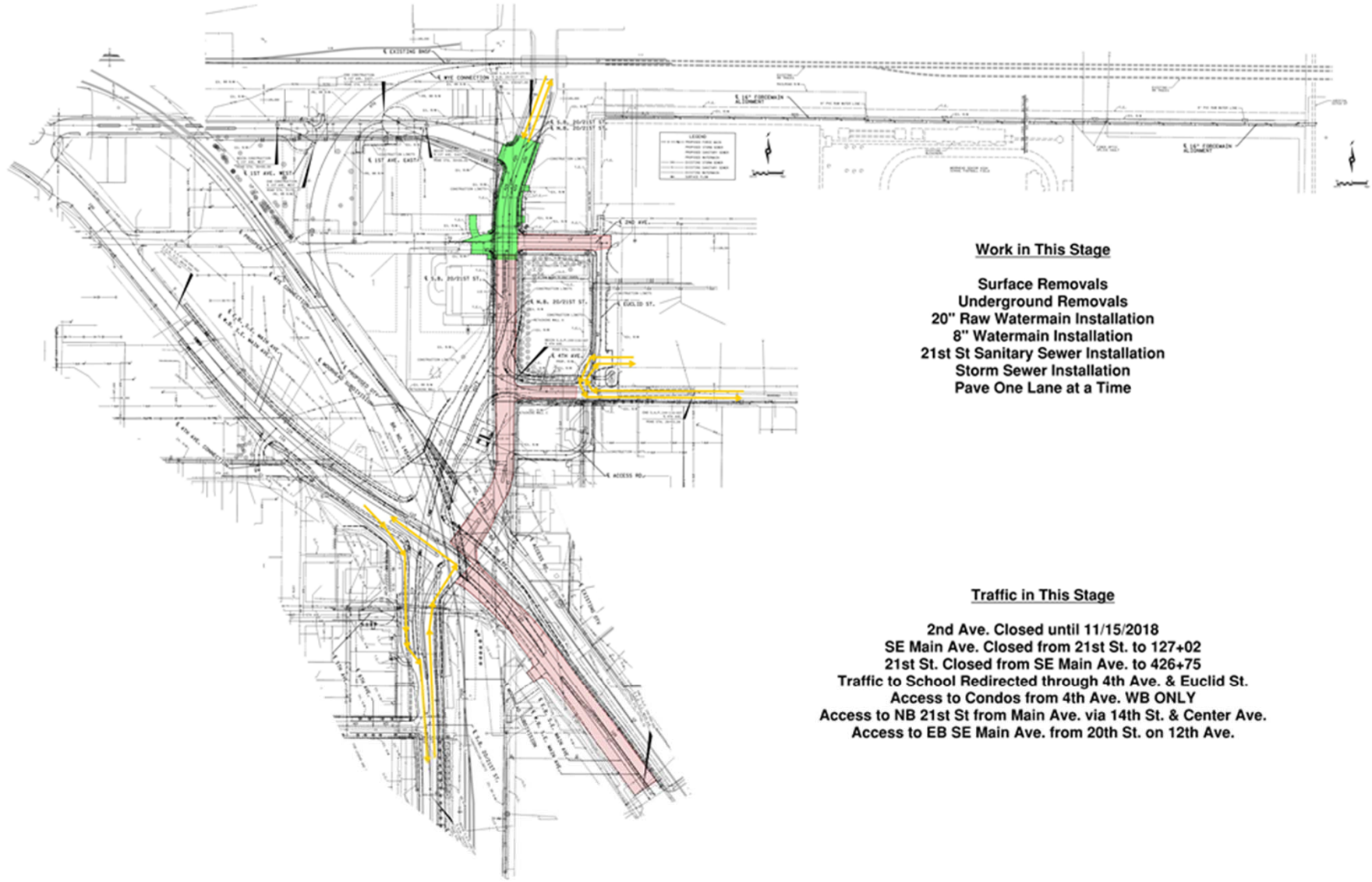
2nd Ave. Closed
 SE Main Ave. Closed from 21st St. to 127+02
 21st St. Closed from SE Main Ave. to 426+75
 Traffic to School Redirected through 4th Ave. & Euclid St.
 Access to Condos from 4th Ave. WB ONLY
 Access to NB 21st St from Main Ave. on 1st Ave.
 Access to EB SE Main Ave. from 20th St. on 12th Ave.

Ames Stage D 09/15/2018 - 2019



Ames Stage E

10/08/2018 - 11/15/2018



Work in This Stage

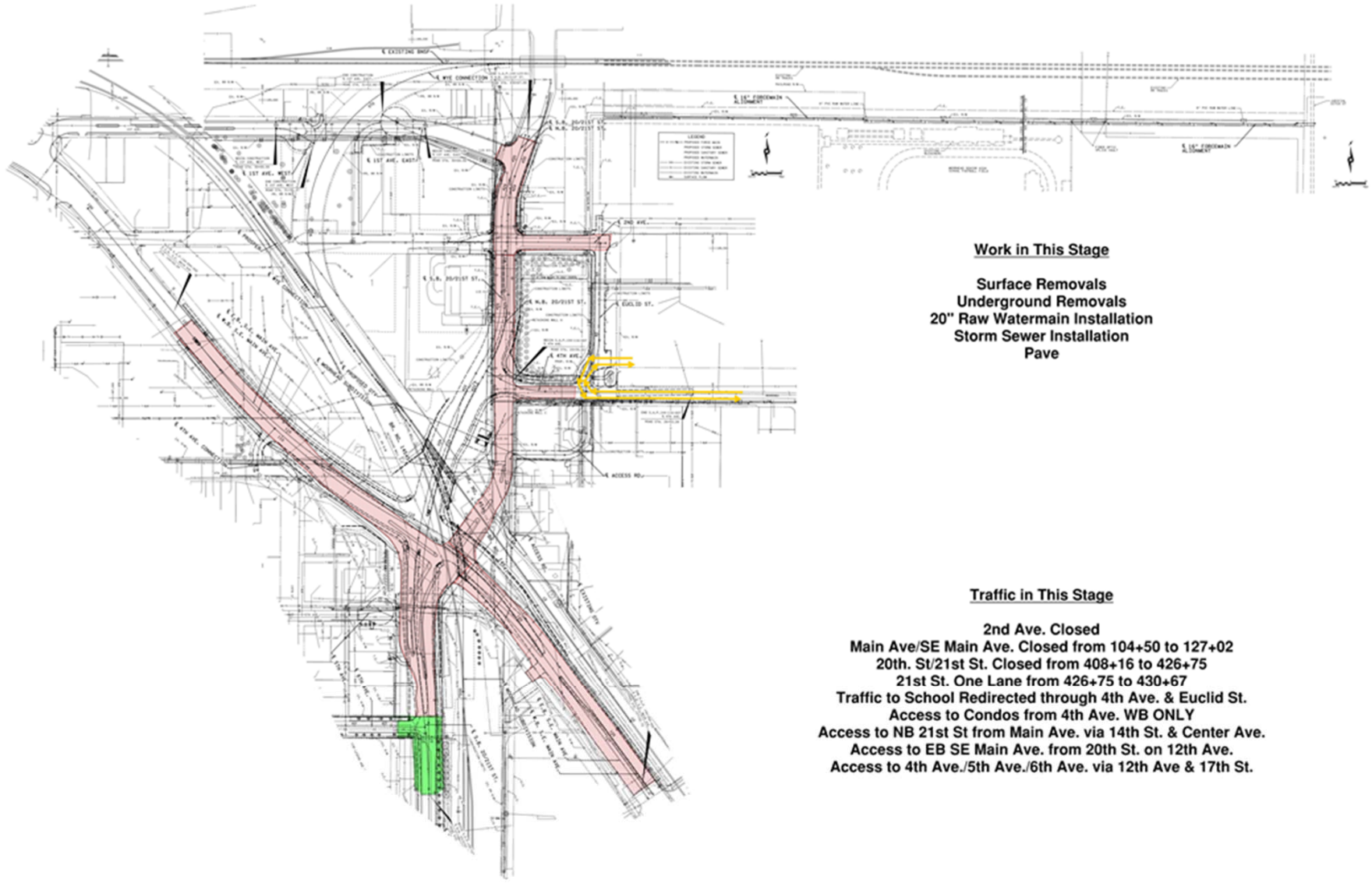
Surface Removals
Underground Removals
20" Raw Watermain Installation
8" Watermain Installation
21st St Sanitary Sewer Installation
Storm Sewer Installation
Pave One Lane at a Time

Traffic in This Stage

2nd Ave. Closed until 11/15/2018
SE Main Ave. Closed from 21st St. to 127+02
21st St. Closed from SE Main Ave. to 426+75
Traffic to School Redirected through 4th Ave. & Euclid St.
Access to Condos from 4th Ave. WB ONLY
Access to NB 21st St from Main Ave. via 14th St. & Center Ave.
Access to EB SE Main Ave. from 20th St. on 12th Ave.

Ames Stage F

10/12/2018 - 11/06/2018



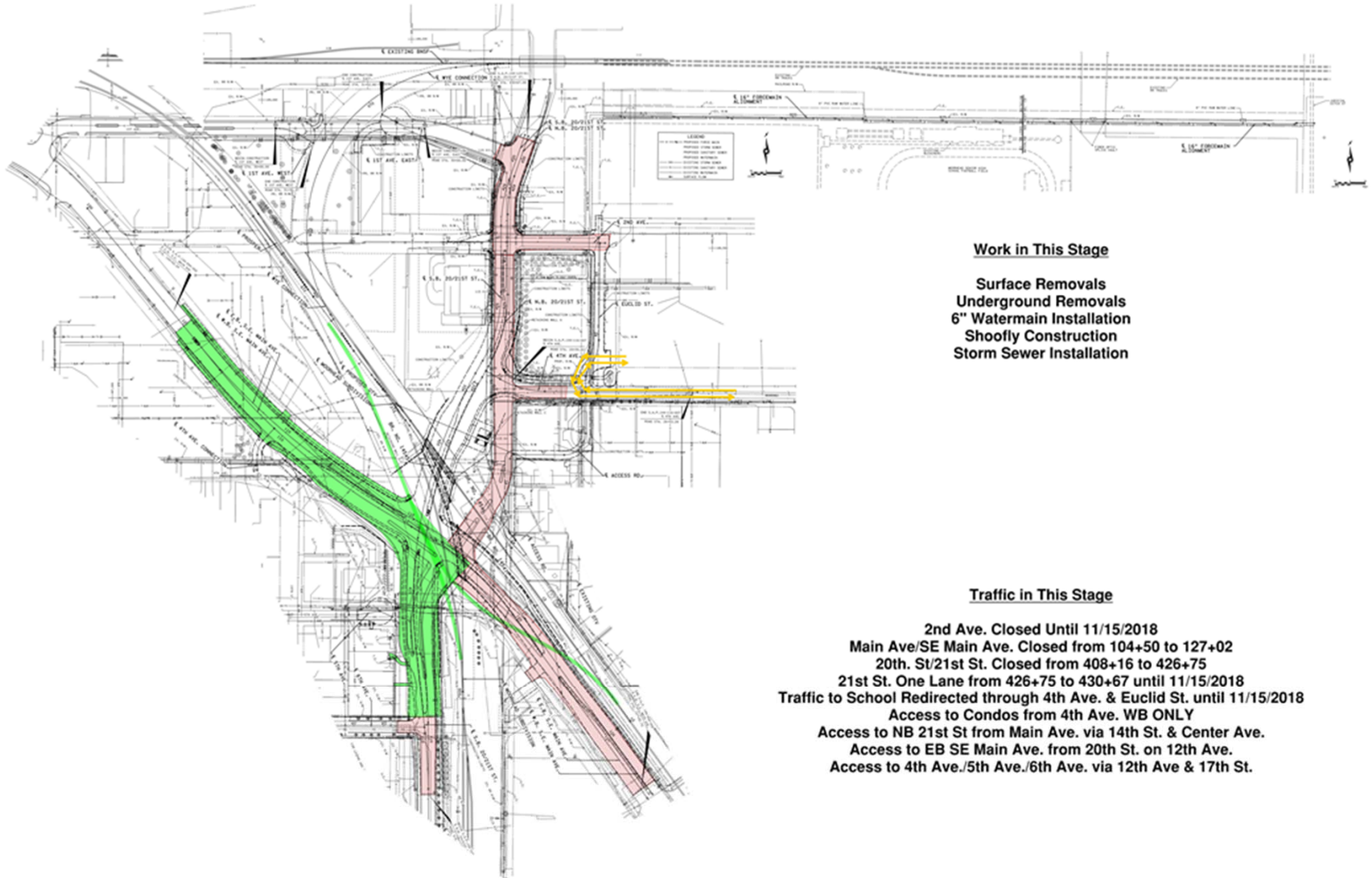
Work in This Stage

Surface Removals
Underground Removals
20" Raw Watermain Installation
Storm Sewer Installation
Pave

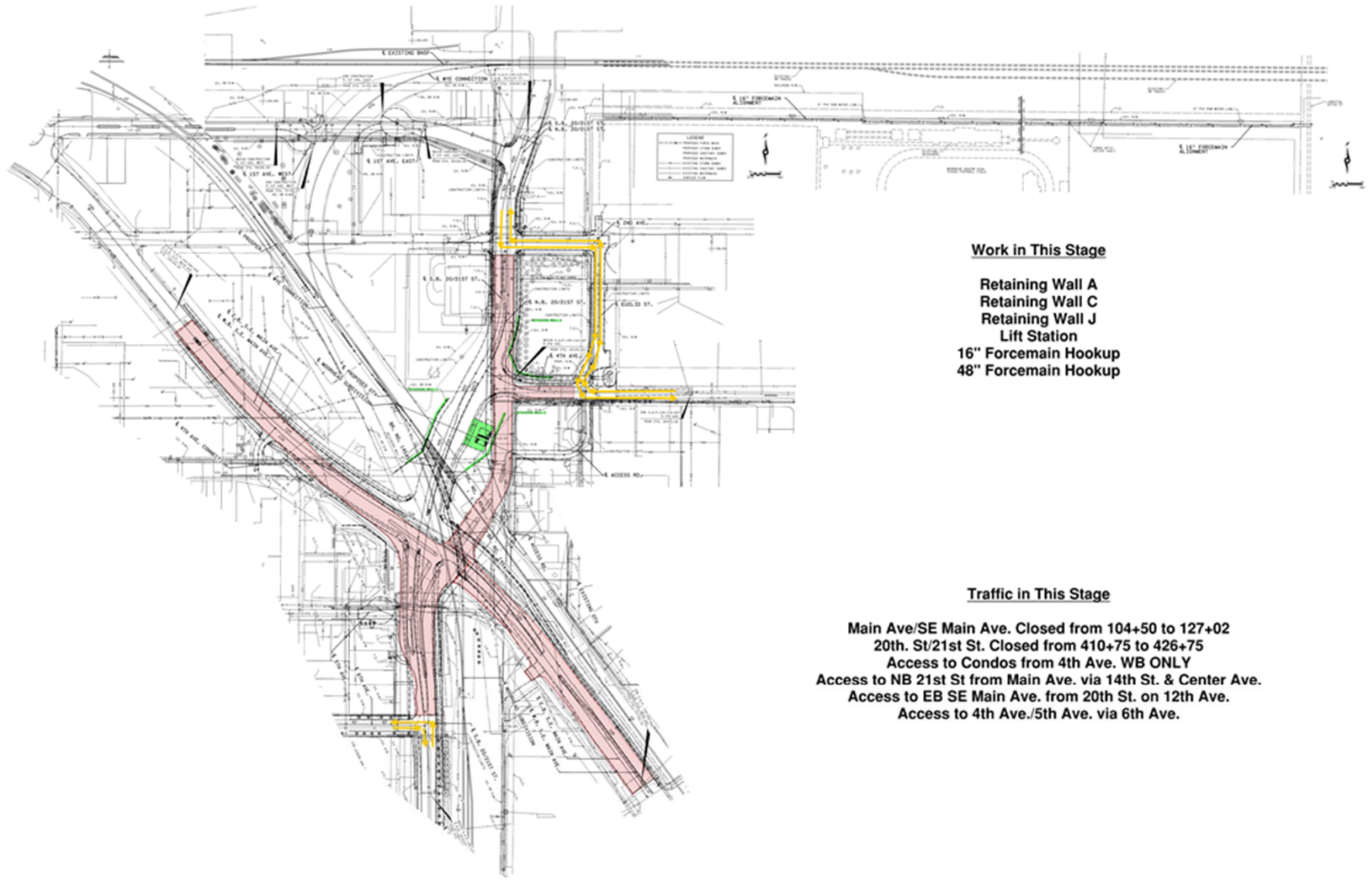
Traffic in This Stage

2nd Ave. Closed
Main Ave/SE Main Ave. Closed from 104+50 to 127+02
20th St/21st St. Closed from 408+16 to 426+75
21st St. One Lane from 426+75 to 430+67
Traffic to School Redirected through 4th Ave. & Euclid St.
Access to Condos from 4th Ave. WB ONLY
Access to NB 21st St from Main Ave. via 14th St. & Center Ave.
Access to EB SE Main Ave. from 20th St. on 12th Ave.
Access to 4th Ave./5th Ave./6th Ave. via 12th Ave & 17th St.

Ames Stage G 10/12/2018 - 2019



Ames Stage H 11/15/2018 - 2019



Work in This Stage

Retaining Wall A
Retaining Wall C
Retaining Wall J
Lift Station
16" Forcemain Hookup
48" Forcemain Hookup

Traffic in This Stage

Main Ave/SE Main Ave. Closed from 104+50 to 127+02
20th. St/21st St. Closed from 410+75 to 426+75
Access to Condos from 4th Ave. WB ONLY
Access to NB 21st St from Main Ave. via 14th St. & Center Ave.
Access to EB SE Main Ave. from 20th St. on 12th Ave.
Access to 4th Ave./5th Ave. via 6th Ave.


Proposed Major Detours

- ▣ What is closing?
- ▣ When?
- ▣ For how long?
- ▣ Dates to be determined
- ▣ Area Businesses
 - Destination Signage
 - Business Signage



20th & 21st St Underpass Project Phase 1 Detour Route

Symbol Legend

 Detour Route

 Construction Area


 Pedestrian Detour

 Temporary Signals



20th & 21st St Underpass Project Phase 2 Detour Route

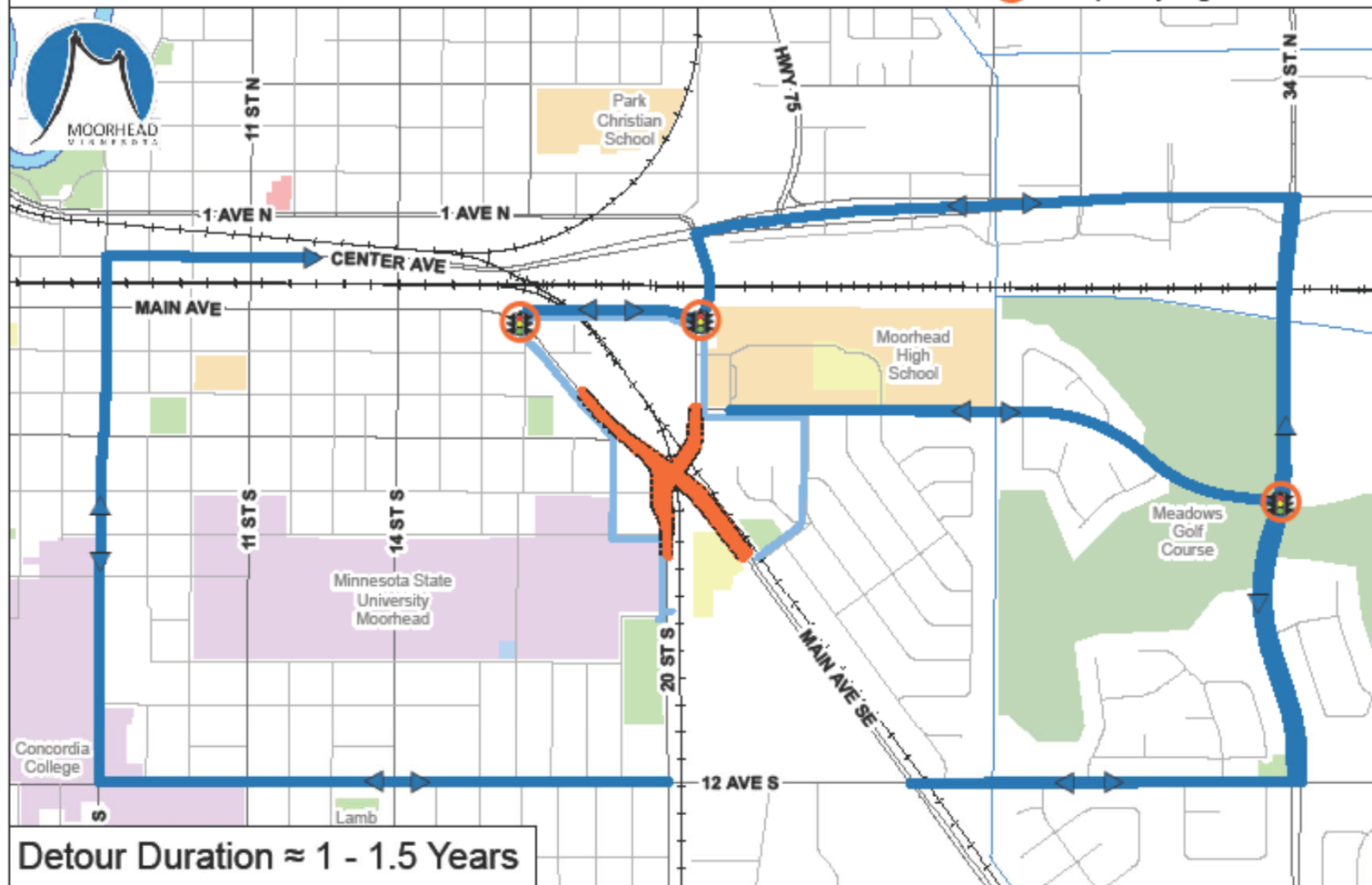
Symbol Legend

 Detour Route

 Construction Area

 Pedestrian Detour

 Temporary Signals



20th & 21st St Underpass Project Phase 3 Detour Route

Symbol Legend

 Detour Route

 Construction Area

 Pedestrian Detour


 Temporary Signals

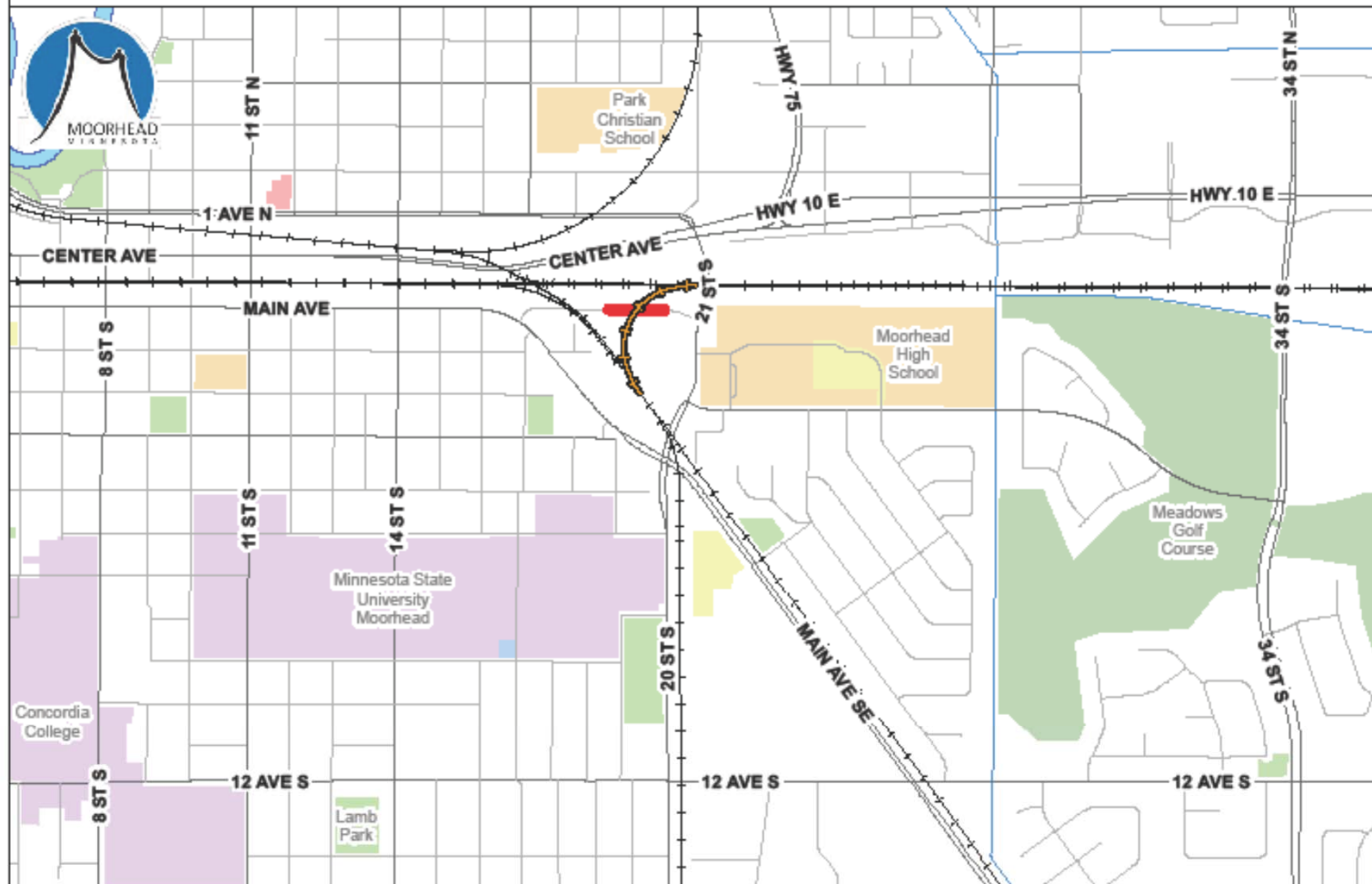


20th & 21st St Underpass Project Phase 4 - Railroad Wye

Symbol Legend

 Permanent Road Closure

 Railroad Wye Construction

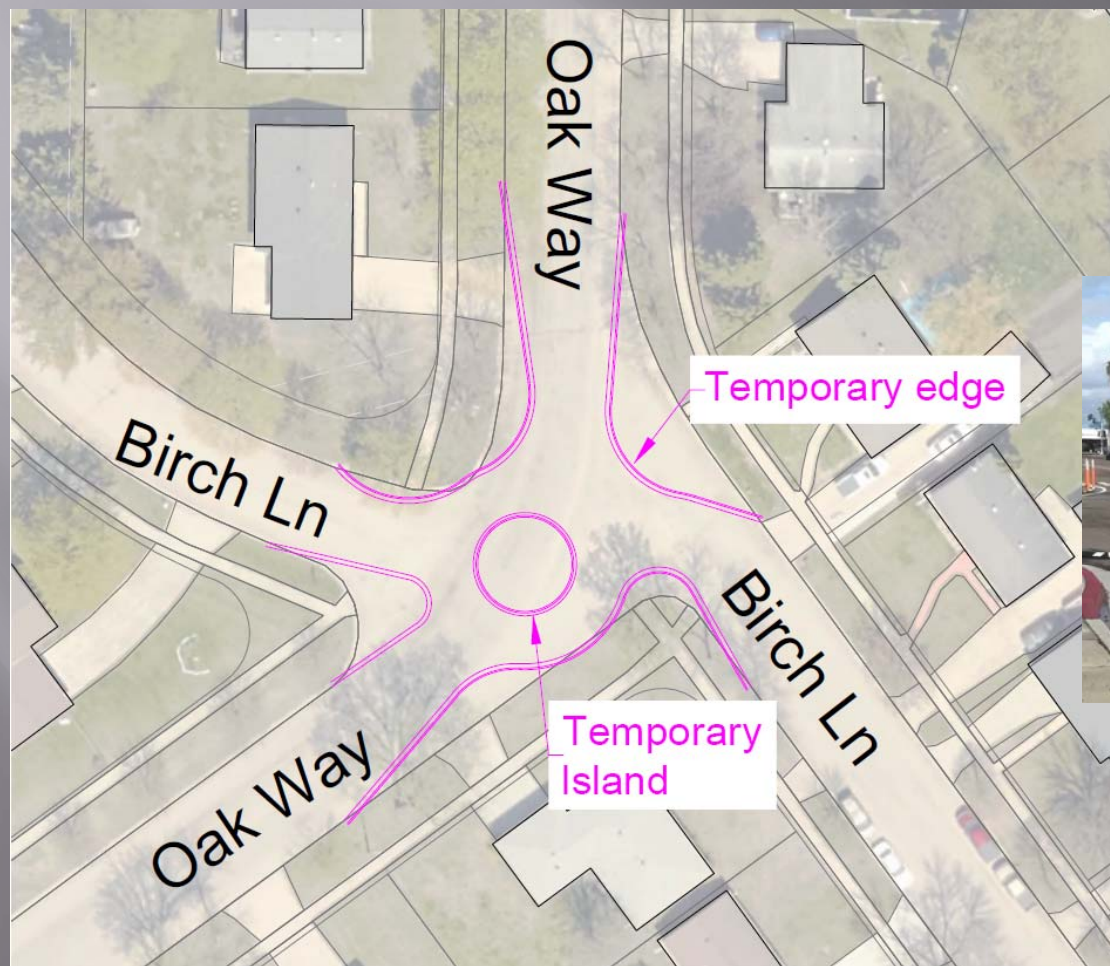


Planned Traffic Calming Measures

- ▣ Speed Feedback Signs
- ▣ Pavement Marking
 - Parking and Lane Delineation
- ▣ Extra enforcement
- ▣ Roundabout...



What do you think?



Adaptive Traffic Calming Measures

- ▣ Temporary Stop Signs
- ▣ Targeted Enforcement
- ▣ Temporary Speed Humps
- ▣ Other Measures?



Keep up with the latest Information

- Join the e-Notifications group to get the most up to date information on the project
 - Information will be sent directly to your email

The screenshot shows the Moorhead Minnesota website. The 'ABOUT THE CITY' menu item is circled in red. Below it, the 'Sign up for eNotification' link under the 'News' section is also circled in red. To the right, the 'Sign Up for eNotifications' form is displayed, featuring fields for Email Address, Retype Email Address, First Name, and Last Name. Below these fields are sections for 'Calendar' and 'News'. The 'Calendar' section lists various events with checkboxes: Airport Committee, Business Events, City Meetings, Holidays, Oakport Joint Powers B..., and Planning Commission. The 'News' section shows a list item '20/21 St Underpass Con...' which is circled in red.

HOME ABOUT THE CITY HOW

History
Awards
Demographics
Sustainability: Reduce, Reuse,
▼ News
▶ Sign up for eNotification
Public Hearing Notices
▼ Calendar

About the

Sign Up for eNotifications

eNotification Signup | [Change eNotificati](#)

Email Address *

Retype Email Address *

First Name *

Last Name *

Calendar

- ☐ Airport Committee
- ☐ Business Events
- ☐ City Meetings
- ☐ Holidays
- ☐ Oakport Joint Powers B...
- ☐ Planning Commission

News

- ☐ 20/21 St Underpass Con...

Keep up with the latest Information

- ▣ Check out the SE Main page on the City of Moorhead Website for additional information
 - Weekly Updates



Construction Partners

- ▣ Ames Construction: Contractor
- ▣ SRF Consulting: Construction Administration
- ▣ Braun Intertec: Construction Materials Testing, Hazardous Materials Management, Environmental Testing, and Vibration Monitoring



City Contacts

- ▣ Tom Trowbridge, Assistant City Engineer
 - General Construction Questions 218.299.5395
- ▣ Jon Atkins, City Traffic Engineer
 - Detour and Traffic Concerns 218.299.5388
- ▣ Levi Hockett, City Inspector
 - Specific Construction Questions 218.299.5396
- ▣ For Other Inquiries
 - engineering@ci.moorhead.mn.us



Thank you!

- ▣ We appreciate your support to make our City a safer place
- ▣ We ask for your flexibility with ongoing changes throughout the construction process
- ▣ If you have any questions or concerns please contact the Engineering Department at
 - ▣ 218.299.5390
 - ▣ engineering@ci.moorhead.mn.us

