I-90 AUSTIN PROJECT CONTEXT MAP (please note that the letters adjacent to the photographs correspond to locations along the corridor as shown on the map below)

1. New Bridge on MN 105/Oakland Ave

a

- TH 105 is an east/west roadway with no good alternative routes.
- ABC bridge construction techniques may be a good fit to limit traffic disruptions.

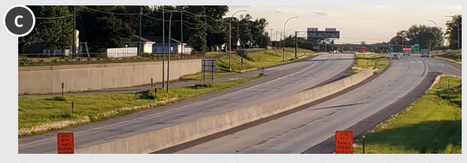
2. US 218N/14th St Interchange Area

b

- Bridge 50803 is functionally obsolete and will be removed.
- Two new teardrop roundabouts will be added along with pedestrian and bicycle links.

3. CSAH 45/4th St Interchange Area

c

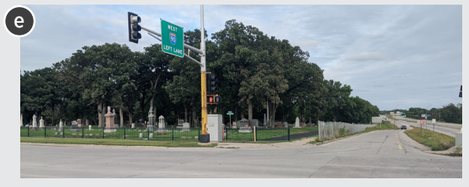


A large existing retaining wall separates the residential neighborhood to the south from I-90. A noise wall may need to be integrated into this wall, depending on the outcome of the Type I noise analysis.

d

The existing vertical clearance at 4th Street is sub-standard and needs to be improved. The new bridge clearance must account for future pavement rehabilitation.

e



The Project must be sensitive to the Oakwood Cemetery and prevent any impact to the cemetery.

f

Lane transition, access control, and tight right of way are challenges on 4th Street south of I-90.

4th Street is a significant traffic corridor for the City of Austin and will need careful consideration in the traffic control planning.

4. New Bridges on I-90 over Cedar River

g

The Cedar River is a FEMA Zone AE Floodplain and a MnDNR designated State Water Trail. Proposed design needs to prevent flood stage increases. Nearby Pedestrian bridge will be reconstructed also.

h

The new I-90 bridges must not induce a flood stage increase and must also limit the profile grade raise on I-90 to limit the amount of reconstruction on I-90 and not cause a substantial increase in the profile grade of 4th Street.

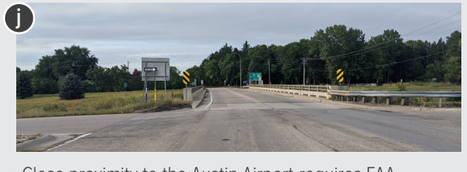
5. Bridge Rehab at CSAH 16/6th St

i

- Poor sight lines at ramp terminals. Roundabouts at the ramp terminals would eliminate the sight distance problems.
- Entrance to Hormel plant and headquarters.

6. New Bridge on US 218S/21st St

j



- Close proximity to the Austin Airport-requires FAA permitting for construction.
- 21st Street is an important pedestrian and bicycle link connecting the residential areas south of I-90 to the nature preserve north of the freeway.