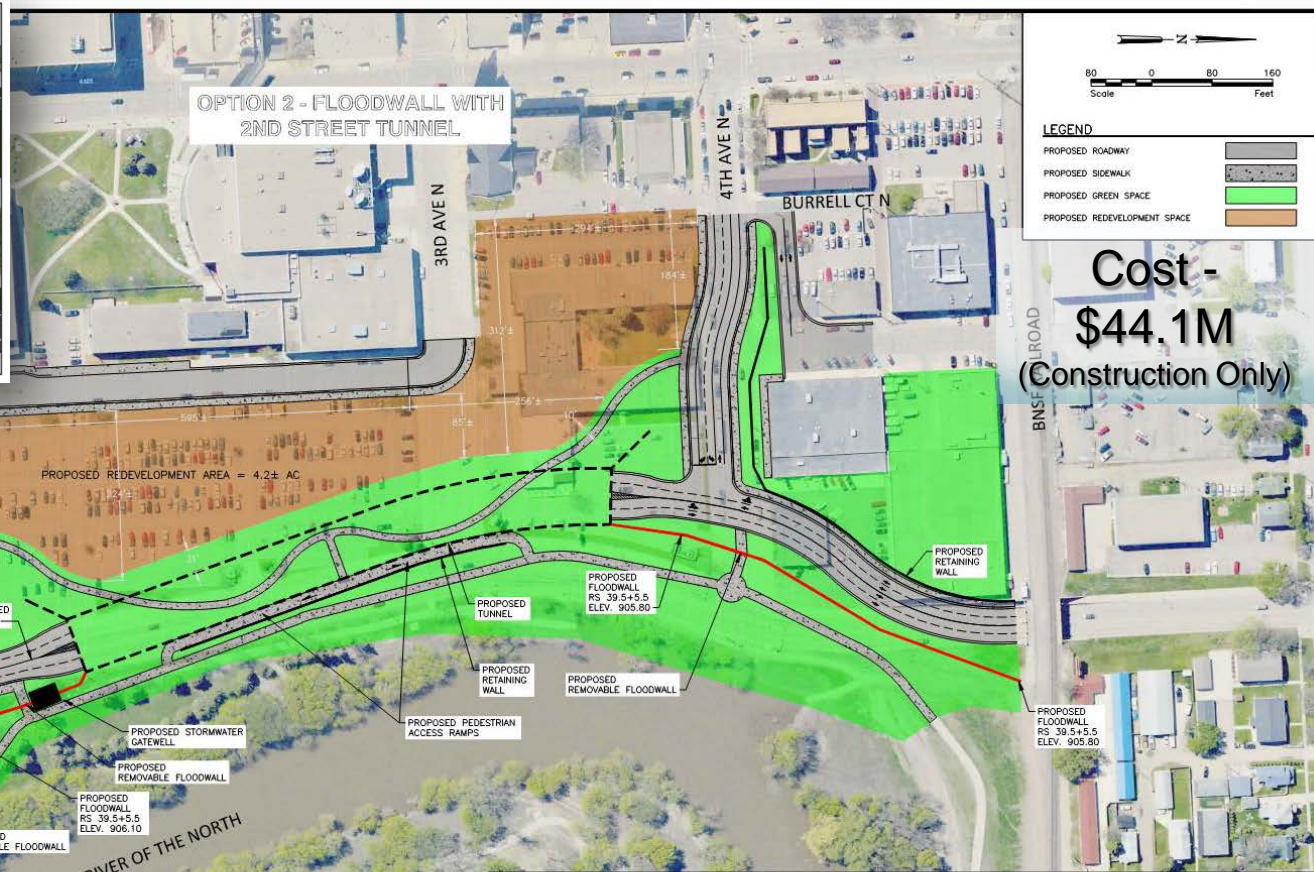
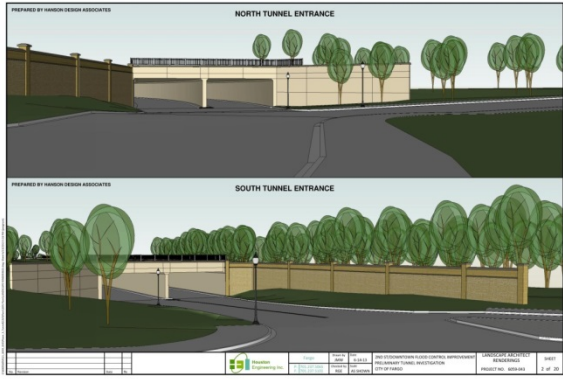
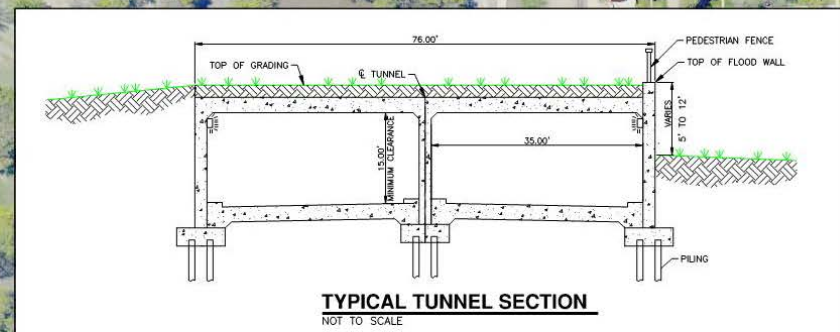


Option 2 – Floodwall – 2nd Street Tunnel



Cost -
\$44.1M
(Construction Only)

- Tunnel – Increased redevelopment opportunities
- Improved river visibility/connectivity
- Additional private property impacts



1.4 OPTION 2 – FLOODWALL WITH 2ND STREET TUNNEL

Option 2 would be the same as Options 1A, 1B and 1C in the area south of 1st Avenue N. However, the flood protection would be provided through a tunnel with integral floodwall between 1st and 4th Avenues N. North of 4th Avenue a floodwall would be installed to connect the line of protection to the railroad embankment.

Under Option 2, downtown traffic access would remain from 2nd Street along 4th Avenue North; however 4th Avenue North would be realigned to the south to avoid impacts to 225 4th Avenue North. The existing downtown access along 3rd Avenue would be eliminated.

There would be a significant grade separation between the top of the tunnel and the adjacent river corridor elevation, so under this option a pedestrian ramp system is proposed to maintain connectivity to the river.

This option would require the acquisition of the four properties.

The estimated construction cost for Option 1A is \$44.1M. This estimate is for the construction only and does not include the cost of property acquisition, utility relocation, design, or other related items.