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<thead>
<tr>
<th></th>
<th>Single Lane (Westbound Only)</th>
<th>Single Lane with Signal Control</th>
<th>Two Lanes</th>
<th>Single Lane (Eastbound Only-Westbound PM)</th>
<th>Full Closure</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Additional Cost for Bypass: $230,000</td>
<td>Additional Cost for Bypass: $850,000</td>
<td>Additional Cost for Bypass: $1,430,000</td>
<td>Additional Cost for Bypass: $1,080,000</td>
<td>Additional Cost for Bypass: Base Value ($0)</td>
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<td></td>
<td>Bypass Duration: ± 4 months (Aug '17 - Nov '17)</td>
<td>Bypass Duration: ± 10 months (Aug '17 - May '18)**</td>
<td>Bypass Duration: ± 10 months (Sept '17 - June '18)**</td>
<td>Bypass Duration: ± 10 months (Aug '17 - May '18)**</td>
<td>Closure Duration: ± 4 months (Jul '17 - Oct '17)**</td>
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<td>Impacts/Issues:</td>
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<td>Significant tree removal at townhome property</td>
<td>Significant tree removal at townhome property</td>
<td>Significant tree removal at townhome property</td>
<td>Complex traffic control with high risk to contractor/owner</td>
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<td>Detour for eastbound direction</td>
<td>Detour for westbound direction</td>
<td>Detour for eastbound direction</td>
<td>Contractor to “clear” the bypass at AM/PM reversal</td>
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<td></td>
<td>No pedestrian access</td>
<td>Emergency vehicle access/routing</td>
<td>Emergency vehicle access/routing</td>
<td>Potential for back ups/large number of U-turns</td>
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<td>Partial width (2-11’ lanes) built in 2017, full width completed in 2018</td>
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<td>Complex private utility relocation (two relocations possible)</td>
<td>**Bypass will be in place during winter months</td>
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<td>Bypass Duration: ± 10 months (Aug '17 - Nov '17)</td>
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<td>Right of Way Impacts: 14000 SF</td>
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<td>Additional Cost for Bypass: $1,080,000</td>
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<td>Bypass Duration: ± 10 months (Sept '17 - June '18)**</td>
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<td>Additional Cost for Bypass: $850,000</td>
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<td>Additional Cost for Bypass: $810,000</td>
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<td>Additional Cost for Bypass: Base Value ($0)</td>
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**Impacts/Issues:**

- Significant tree removal at townhome property
- Detour for eastbound direction
- No pedestrian access
- Emergency vehicle access/routing
- Partial width (2-11’ lanes) built in 2017, full width completed in 2018

**Assumptions:**

- No construction in Long Lake during fish spawning (April 1-June 30)
- Bypass Duration includes the duration that traffic will be on the bypass. Does not include time to construct or remove the bypass.
Temporary Bypass Option 1 - Cross Sections
CSAH 112 - Phase 1
Hennepin County

SECTION A-A (STA. 1142+50)
WORK ZONE
TEMPORARY ROAD
SINGLE LANE
960
950
940
LONG LAKE

SECTION B-B (STA. 1148+50)
WORK ZONE
TEMPORARY ROAD
SINGLE LANE
960
950
940
LONG LAKE

SECTION C-C (STA. 1152+00)
WORK ZONE
TEMPORARY ROAD
SINGLE LANE
960
950
940
LONG LAKE

SECTION D-D (STA. 1157+25)
WORK ZONE
PROPOSED ROAD
TWO LANES
960
950
940
LONG LAKE

Figure 1B
8/10/2015
H: \Projects\8483\CAD_BIM\Graphics\Staging\8483_Option 1_Cross Section_Graphic.Bgn

PRELIMINARY
8/12/15
SUBJECT TO CHANGE
Temporary Bypass Option 5 - Cross Sections

CSAH 112 - Phase 1
Hennepin County

Figure 5B

PRELIMINARY
SUBJECT TO CHANGE
8/12/15