NOTES:
1. FOR ROADWAY ALIGNMENT AND INFORMATION, REFER TO ROADWAY PLANS.

HCL WALL S-1 HORIZONTAL ALIGNMENT DATA TABLE

<table>
<thead>
<tr>
<th>CURVE NUMBER</th>
<th>POINT TYPE</th>
<th>STATION</th>
<th>NORTHING</th>
<th>EASTING</th>
<th>BEARING</th>
<th>DISTANCE</th>
<th>RADIUS</th>
<th>LENGTH</th>
<th>DELTA</th>
</tr>
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<tbody>
<tr>
<td>S+1</td>
<td>POB/PC</td>
<td>5000+00.00</td>
<td>254,059.32</td>
<td>45,465.42</td>
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<tr>
<td>S+1</td>
<td>PI</td>
<td>5000+65.31</td>
<td>254,050.44</td>
<td>45,530.55</td>
<td></td>
<td>209.42'</td>
<td>126.62'</td>
<td>34°38'29&quot;</td>
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<tr>
<td>S+2</td>
<td>PRC</td>
<td>5001+26.62</td>
<td>254,087.52</td>
<td>45,586.88</td>
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<td>S+2</td>
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<td>180.58'</td>
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<tr>
<td>PT/POE</td>
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<td>45,687.83</td>
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HCL WALL S-2 HORIZONTAL ALIGNMENT DATA TABLE

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<th>CURVE NUMBER</th>
<th>POINT TYPE</th>
<th>STATION</th>
<th>NORTHING</th>
<th>EASTING</th>
<th>BEARING</th>
<th>DISTANCE</th>
<th>RADIUS</th>
<th>LENGTH</th>
<th>DELTA</th>
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<td>S-1</td>
<td>PI</td>
<td>6000+25.56</td>
<td>254,372.36</td>
<td>45,176.47</td>
<td>180.42'</td>
<td>60.85'</td>
<td>14°15'13&quot;</td>
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<td>PI</td>
<td>6001+64.20</td>
<td>254,237.13</td>
<td>45,248.26</td>
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<td>409.41'</td>
<td>221.15'</td>
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</table>

**NOTES:**
- For roadway alignment and information, refer to roadway plans.
- Utility notification and marking are required.
- Advance before you dig, grade, call 2-business days in advance.
- Call Utility Notification Center of Colorado.

**TABLE DATA:**
- **Alignments:** Horizontal S-1 and S-2 walls.
- **Points:** POB/PC, PI, PRC, PCC, PT/POE.
- **Distances:** 209.42', 180.58', 180.42', 409.41'.
- **Radii:** 126.62', 105.38', 60.85', 221.15'.
- **Lengths:** 34°38'29", 33°26'13", 14°15'13", 30°46'47".

**Plan:**
- For Fourmile Canyon Drive alignment and information.
- Refer to roadway plans.
- Advance before you dig, grade, call 2-business days in advance.
- Call Utility Notification Center of Colorado.

**Horizontal Scale:** 1" = 200'
**HCL N FOURMILE**

- STA. 1002+30.00 = HCL WALL N-1
- STA. 1000+00.00 = HCL WALL N-1
- STA. 2000+00.00 = HCL WALL N-2
- STA. 2002+98.33 = HCL WALL N-2
- STA. 3000+00.00 = HCL WALL N-3
- STA. 3001+12.00 = HCL WALL N-3
- STA. 4000+00.00 = HCL WALL N-4
- STA. 4001+11.01 = HCL WALL N-4

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**HCL N-2 CBC**

230+00

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**HCL N-2 CBC**

235+00

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**HCL N-3 CBC**

3001+12.00

---

**HCL N-4 CBC**

4001+11.01

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**NOTES:**

1. For roadway alignment information, refer to roadway plans.
NOTES:
1. FOR FINISHED GRADING AND UTILITY INFORMATION, REFER TO ROADWAY PLANS.
2. FOR DRAINAGE DETAILS, REFER TO DRAINAGE PLANS.
4. RESIDENT ACCESS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
5. SHORING IS GENERALLY SHOWN. THE CONTRACTOR SHALL DETERMINE THE LIMITS AND IF SHORING IS REQUIRED. IF THE SHORING HEIGHT EXCEEDS 5 FEET ABOVE THE BASE OF EXCAVATION, SEALED SHORING DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR FOR INFORMATION ONLY IN ACCORDANCE WITH SECTION 206.

1. FOR FINISHED GRADING AND UTILITY INFORMATION, REFER TO ROADWAY PLANS.
2. FOR DRAINAGE DETAILS, REFER TO DRAINAGE PLANS.
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5. SHORING IS GENERALLY SHOWN. THE CONTRACTOR SHALL DETERMINE THE LIMITS AND IF SHORING IS REQUIRED. IF THE SHORING HEIGHT EXCEEDS 5 FEET ABOVE THE BASE OF EXCAVATION, SEALED SHORING DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR FOR INFORMATION ONLY IN ACCORDANCE WITH SECTION 206.
NOTES:
2. "FILL HEIGHT ALLOWED" AS IDENTIFIED IN CDOT STANDARD PLAN NO. M-601-2 SHALL BE "LESS THAN 2 FT".
3. FOR CBC NOTES AND TYPICAL SECTION REINFORCING, REFER TO CDOT STANDARD PLAN NO. M-601-2.
4. MODERATE LEVEL OF DE-ICING SALTS ARE ANTICIPATED. ALL REINFORCING BARS IN THE TOP MAT ARE PROJECTIONS TO WITHIN 5 INCHES OF TOP SLAB SHALL BE EPOXY COATED.
5. ADJACENT WALLS SHALL BE TIED TO THE CBC ACCORDING TO THE DETAILS PRESENTED IN THESE PLANS.
6. FOR ROADWAY ALIGNMENT DATA, GRAZING DETAILS, TREE REMOVALS, SIGNAGE, AND UTILITY INFORMATION REFER TO ROADWAY PLANS.
7. FOR DRAINAGE AND ASSOCIATED DETAILS, REFER TO DRAINAGE PLANS.
8. CONSTRUCTION PHASING MAY REQUIRE SHORING. SEE PHASING PLANS FOR ADDITIONAL INFORMATION.
9. IF SHORING IS REQUIRED AND THE HEIGHT EXCEEDS 5 FEET ABOVE THE BASE OF THE EXCAVATION, SEALED SHORING DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR TO THE ENGINEER FOR INFORMATION ONLY IN ACCORDANCE WITH SECTION 206.
10. GEOTECHNICAL INFORMATION AND RECOMMENDATIONS CAN BE FOUND IN THE GEOTECHNICAL REPORT PROVIDED BY YEH AND ASSOCIATES, DATED MAY 2015.
F.F. WALL
HCL WALL N-3/
ACCESS ROAD (TYP.)
OF EXISTING EDGE OF FILL (TYP.)
EXISTING TOE OF CUT (TYP.)
EXISTING TOP STA. 3000+20.00
HCL WALL N-2
BEGIN WALL STA. 3000+92.00
HCL WALL N-2
BEGIN WALL

NOTES:
1. FOR FINISHED GRADE AND UTILITY INFORMATION, REFER TO ROADWAY PLANS.
2. FOR DRAINAGE DETAILS, REFER TO DRAINAGE PLANS.
3. GEOTECHNICAL INFORMATION AND RECOMMENDATIONS CAN BE FOUND IN THE FINAL GEOTECHNICAL REPORT, FOURMILE CANYON DR, MAY 2015.
4. FOR WALL DETAILS SEE CDOT STD. PLAN NO. M-401-20.

GENERAL LAYOUT FOR WALL DETAILS SEE CDOT STD. PLAN NO. M-601-20.

FOR DRAINAGE DETAILS, REFER TO DRAINAGE PLANS.
2. FOR ROADWAY PLANS.
3. FOR FINISHED GRADE AND UTILITY INFORMATION, REFER TO ROADWAY PLANS.
4. GEOTECHNICAL INFORMATION AND RECOMMENDATIONS CAN BE FOUND IN THE FINAL GEOTECHNICAL REPORT, FOURMILE CANYON DR, MAY 2015.

FOR FINISHED GRADING AND UTILITY INFORMATION, REFER TO ROADWAY PLANS.

FOR DRAINAGE DETAILS, REFER TO DRAINAGE PLANS.

GEOTECHNICAL INFORMATION AND RECOMMENDATIONS CAN BE FOUND IN THE FINAL GEOTECHNICAL REPORT, FOURMILE CANYON DR, MAY 2015.

FOR WALL DETAILS SEE CDOT STD. PLAN NO. M-401-20.

NOTES:
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NOTES:
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2. FOR DRAINAGE DETAILS, REFER TO DRAINAGE PLANS.
3. GEOTECHNICAL INFORMATION AND RECOMMENDATIONS CAN BE FOUND IN THE FINAL GEOTECHNICAL REPORT.

WINGWALL GEOMETRY TABLE

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>L</th>
<th>A</th>
<th>B</th>
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</thead>
<tbody>
<tr>
<td>WINGWALL A</td>
<td>60°00'00&quot;</td>
<td>0.5'</td>
<td>10.5'</td>
</tr>
<tr>
<td>WINGWALL B</td>
<td>60°00'00&quot;</td>
<td>10.16'</td>
<td>5.66'</td>
</tr>
</tbody>
</table>

SCALE = 2:1

TYPICAL SECTION

LOOKING AHEAD STATION ALONG HCL WALL N-4

SCALE = 4:1

FOR FINISHED GRADING AND UTILITY INFORMATION, REFER TO ROADWAY PLANS.