Chapter 2H has been developed to provide a sample of the various sheets in the plan assembly. These samples are not all inclusive. They are provided to give the Engineer/Designer some insight as to what the basic sheets should encompass. Not all of these samples will be used in all sets of plans. For example, on small projects the Pavement, Incidental and Drainage summaries could be on the same sheet.
# List of Figures

- Figure 2H-1 Sample Title Sheet………………………………………………………………... 2H-1
- Figure 2H-2 Sample Title Sheet………………………………………………………………... 2H-2
- Figure 2H-3 Sample Location Map Sheet…………………………………………………... 2H-3
- Figure 2H-4 Sample Index of Sheets………………………………………………………….. 2H-4
- Figure 2H-5 Sample Right of Way Data Sheet………………………………………………. 2H-5
- Figure 2H-6 Sample Revision Data Sheet…………………………………………………… 2H-6
- Figure 2H-7 Sample Stream Flow Hydrograph Sheet……………………………………….. 2H-7
- Figure 2H-8 Sample Survey Alignment Data Sheet…………………………………………. 2H-8
- Figure 2H-9 Sample Construction Alignment Data Sheet…………………………………. 2H-9
- Figure 2H-10 Sample Underground Utility Test Hole Information………………………….. 2H-10
- Figure 2H-11 Sample Traffic Maintenance Plan (TMP) Sheet…………………………….. 2H-11
- Figure 2H-12 Sample Traffic Maintenance Plan (TMP) Sheet…………………………….. 2H-12
- Figure 2H-13 Sample Traffic Maintenance Plan (TMP) Sheet…………………………….. 2H-13
- Figure 2H-14 Sample Traffic Maintenance Plan (TMP) Sheet…………………………….. 2H-14
- Figure 2H-15 Sample General Notes Sheet…………………………………………………. 2H-15
- Figure 2H-16 Sample Typical Section Sheet…………………………………………………. 2H-16
- Figure 2H-17 Sample Typical Section Sheet…………………………………………………. 2H-17
- Figure 2H-18 Sample Drainage Summary Sheet…………………………………………. 2H-18
- Figure 2H-19 Sample Roadside Development Sheet………………………………………. 2H-19
- Figure 2H-20 Sample Stormwater Pollution Prevention Sheet…………………………….. 2H-20
- Figure 2H-21 Sample Stormwater Pollution Prevention Sheet…………………………….. 2H-21
- Figure 2H-22 Sample Stormwater Pollution Prevention Sheet…………………………….. 2H-22
- Figure 2H-23 Sample Stormwater Management Summary Sheet………………………… 2H-23
- Figure 2H-24 Sample Pavement Summary Sheet…………………………………………. 2H-24
- Figure 2H-25 Sample Grading Diagram and Summary Sheet…………………………….. 2H-25
- Figure 2H-26 Sample Incidental Summary Sheet………………………………………….. 2H-26
- Figure 2H-27 Sample Roundabout Detail Sheet……………………………………………. 2H-27
- Figure 2H-28 Sample Radial Offset Sheet…………………………………………………. 2H-28
- Figure 2H-29 Sample Metes and Bounds Data Sheet……………………………………….. 2H-29
- Figure 2H-30 Sample Diversion Diamond Interchange Detail Sheet………………………. 2H-30
- Figure 2H-31 Sample 1 Plan Sheet…………………………………………………………… 2H-31
- Figure 2H-32 Sample 2 Plan Sheet…………………………………………………………… 2H-32
Figure 2H-33 Sample 3 Plan Sheet……………………………………………………………………………… 2H-33
Figure 2H-34 Sample 4 Plan Sheet……………………………………………………………………………… 2H-34
Figure 2H-35 Sample 1 Profile Sheet…………………………………………………………………………… 2H-35
Figure 2H-36 Sample 2 Profile Sheet…………………………………………………………………………… 2H-36
Figure 2H-37 Sample 3 Profile Sheet…………………………………………………………………………… 2H-37
Figure 2H-38 Sample Drainage Description Sheet…………………………………………………………… 2H-38
Figure 2H-39 Sample Right of Way Plan Sheet…………………………………………………………………… 2H-39
Figure 2H-40 Sample Utility Plan Sheet……………………………………………………………………………. 2H-40
Figure 2H-41 Sample Entrance Profile Sheet…………………………………………………………………… 2H-41
Figure 2H-42 Sample Pedestrian Crosswalk Plan (For Alteration Projects Only)………………………… 2H-42
Figure 2H-43 Sample Pedestrian Crosswalk Plan (For Alteration Projects Only)………………………… 2H-43
FIGURE 2H - 3 SAMPLE LOCATION MAP SHEET
INDEX OF SHEETS

SHEET   DESCRIPTION       STATIONS
1   Title Page
1A   Location Map
1B   Index of Sheets
1C   Right of Way Data Sheet
1D   Stationery Data Sheet
1E   Stream Flow Hydrograph Sheet
K-U   Survey and Construction Alignment Data Sheets
1H   Underground Utility and Hole Information Sheet
UJ-UB   Watermain of Traffic / Sequence of Construction Sheets
2   General Notes
2A - 2C   Typical Sections
2D - 2J   Erosion Summary
2K   Roadside Development / Erosion Control Summary
2L   Box Culvert Summary, Stormwater Management Summary
2M   Pavement Summary
2N   Grading Diagram and Summary
2O   Incidental Summary

DESIGNED BY

DESIGN SUPERVISED BY

SURVEYED BY

PROJECT MANAGER

Plotted By: stewart.willis
9:32:16 AM
7/30/2014

FIGURE 2H - 4 SAMPLE INDEX OF SHEET
### PRELIMINARY

**RIGHT OF WAY DATA SHEET**

<table>
<thead>
<tr>
<th>Parcel Information</th>
<th>Area: Areas greater than or equal to 1 acre will be shown in acres to 3 decimal places (a xx AC). Areas less than 1 acre will be shown in square feet (xxx sq ft).</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number</td>
<td>Landowner Name</td>
</tr>
<tr>
<td>001</td>
<td></td>
</tr>
<tr>
<td>003</td>
<td></td>
</tr>
<tr>
<td>004</td>
<td></td>
</tr>
<tr>
<td>005</td>
<td></td>
</tr>
<tr>
<td>006</td>
<td></td>
</tr>
<tr>
<td>007</td>
<td></td>
</tr>
<tr>
<td>008</td>
<td></td>
</tr>
<tr>
<td>009</td>
<td></td>
</tr>
<tr>
<td>010</td>
<td></td>
</tr>
<tr>
<td>011</td>
<td></td>
</tr>
<tr>
<td>012</td>
<td></td>
</tr>
<tr>
<td>013</td>
<td></td>
</tr>
<tr>
<td>014</td>
<td></td>
</tr>
<tr>
<td>015</td>
<td></td>
</tr>
<tr>
<td>016</td>
<td></td>
</tr>
<tr>
<td>017</td>
<td></td>
</tr>
<tr>
<td>018</td>
<td></td>
</tr>
<tr>
<td>019</td>
<td></td>
</tr>
<tr>
<td>020</td>
<td></td>
</tr>
<tr>
<td>021</td>
<td></td>
</tr>
<tr>
<td>022</td>
<td></td>
</tr>
<tr>
<td>023</td>
<td></td>
</tr>
<tr>
<td>024</td>
<td></td>
</tr>
<tr>
<td>025</td>
<td></td>
</tr>
<tr>
<td>026</td>
<td></td>
</tr>
<tr>
<td>027</td>
<td></td>
</tr>
<tr>
<td>028</td>
<td></td>
</tr>
<tr>
<td>029</td>
<td></td>
</tr>
<tr>
<td>030</td>
<td></td>
</tr>
<tr>
<td>031</td>
<td></td>
</tr>
<tr>
<td>032</td>
<td></td>
</tr>
<tr>
<td>033</td>
<td></td>
</tr>
<tr>
<td>034</td>
<td></td>
</tr>
<tr>
<td>035</td>
<td></td>
</tr>
<tr>
<td>036</td>
<td></td>
</tr>
<tr>
<td>037</td>
<td></td>
</tr>
<tr>
<td>038</td>
<td></td>
</tr>
<tr>
<td>039</td>
<td></td>
</tr>
<tr>
<td>040</td>
<td></td>
</tr>
<tr>
<td>041</td>
<td></td>
</tr>
<tr>
<td>042</td>
<td></td>
</tr>
<tr>
<td>043</td>
<td></td>
</tr>
<tr>
<td>044</td>
<td></td>
</tr>
<tr>
<td>045</td>
<td></td>
</tr>
<tr>
<td>046</td>
<td></td>
</tr>
<tr>
<td>047</td>
<td></td>
</tr>
<tr>
<td>048</td>
<td></td>
</tr>
<tr>
<td>049</td>
<td></td>
</tr>
<tr>
<td>050</td>
<td></td>
</tr>
</tbody>
</table>

**FIGURE 2H - 5 SAMPLE RIGHT OF WAY DATA SHEET**
FIGURE 2H - 6  SAMPLE REVISION DATA SHEET
The data presented herein was statistically derived by empirical methods and from field observations. It is presented as an estimate of the hydraulic performance of these facilities during the passage of actual flood events.

1. Estimated 100 year frequency flood data (unless otherwise noted.) This magnitude of flooding may pass through the proposed facility or it may obtain the necessary hydraulic conveyance by partial inundation of roadways and/or partial bypass of the facility.

2. Specified frequency flood data. It is anticipated that this magnitude of flooding will be conveyed through the proposed hydraulic facility under estimated conditions which satisfy the design criteria applicable to the site.

3. This data was obtained from observations by persons familiar with the area and/or official records combined with an evaluation by empirical methods. The reliability of this data is relative to the accuracy of the source. A future flood of the same magnitude may achieve a significantly different stage elevation from that shown due to changes in the physical characteristics of the watershed.

<table>
<thead>
<tr>
<th>Station</th>
<th>Stream Name</th>
<th>Drainage Area</th>
<th>Structure Size</th>
<th>Discharge (C.F.S.) Base Flood</th>
<th>Stage Elevation (Ft.) Base Flood</th>
<th>Discharge (C.F.S.) Design Flood</th>
<th>Stage Elevation (Ft.) Design Flood</th>
<th>Discharge (C.F.S.) Overtopping Flood</th>
<th>Stage Elevation (Ft.) Overtopping Flood</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**REMARKS**
Source of information and Other Related Data

**FIGURE 2H - 7 SAMPLE HYDROLOGIC DATA SHEET**
CONSTRUCTION ALIGNMENT

Point D011            N       391,121.72 E     3,848,022.90 Sta      44+51.99
Course from D010 to D011 S 45° 20' 25.86" E Dist 236.89
Point D010            N       391,288.23 E     3,847,854.40 Sta      42+15.10
Course from D007 to D010 S 54° 47' 55.71" E Dist 263.75
Point D007            N       391,440.27 E     3,847,638.88 Sta      39+51.34
Course from D006 to D007 S 48° 33' 09.83" E Dist 52.06
Point D006            N       391,474.73 E     3,847,599.86 Sta      38+99.29
Course from PT C42 to D006 S 49° 30' 09.78" E Dist 258.73

Chord Bear  = S  62° 06' 22.90" E
Ahead       = S  49° 30' 09.78" E
Back        = S  74° 42' 36.02" E
C.C.                               N          391,273.94  E        3,847,088.14
P.T.  Station            36+40.56  N          391,642.75  E        3,847,403.11
P.C.  Station            34+27.18  N          391,741.77  E        3,847,216.04
V           =             40
S. E.       =              8.000
Mid. Ord.   =               11.69
Long Chord  =              211.66
External    =               11.98
Radius      =              485.00
Length      =              213.38
Tangent     =              108.44
Degree      =      11° 48' 48.83"
Delta       =      25° 12' 26.24" (RT)

Point P.I.  Station            35+35.62  N          391,713.17  E        3,847,320.64

Curve C42

Point PT C41 to PC C42 S 74° 42' 36.02" E Dist 193.48
Chord Bear  = S  65° 57' 37.02" E
Ahead       = S  74° 42' 36.02" E
Back        = S  57° 12' 38.02" E
C.C.                               N          392,468.01  E        3,847,214.00
P.T.  Station            32+33.70  N          391,792.79  E        3,847,029.41
P.C.  Station            30+19.90  N          391,879.55  E        3,846,834.91
V           =             40
S. E.       =              7.200
Mid. Ord.   =                8.15
Long Chord  =              212.97
External    =                8.24
Radius      =              700.00
Length      =              213.80
Tangent     =              107.74
Degree      =       8° 11' 06.40"
Delta       =      17° 29' 58.00" (LT)

Point P.I.  Station            31+27.64  N          391,821.20  E        3,846,925.48

Curve C41

Point D001            N       391,998.64 E     3,846,650.05 Sta      28+00.00
Course from D001 to PC C41 S 57° 12' 38.02" E Dist 219.90

Chord Bear  = S  57° 12' 38.02" E
Ahead       = S  57° 12' 38.02" E
Back        = S  57° 12' 38.02" E
C.C.                               N          391,713.17  E        3,847,320.64
P.T.  Station            32+33.70  N          391,792.79  E        3,847,029.41
P.C.  Station            30+19.90  N          391,879.55  E        3,846,834.91
V           =             40
S. E.       =              7.200
Mid. Ord.   =                8.15
Long Chord  =              212.97
External    =                8.24
Radius      =              700.00
Length      =              213.80
Tangent     =              107.74
Degree      =       8° 11' 06.40"
Delta       =      17° 29' 58.00" (LT)
### UNDERGROUND UTILITIES TEST HOLE INFORMATION

<table>
<thead>
<tr>
<th>PLN. SHEET</th>
<th>TEST HOLE</th>
<th>DISTRICT</th>
<th>TAIL</th>
<th>STATION &amp; MILEAGE</th>
<th>OWNER</th>
<th>TYPE OF FACILITY</th>
<th>COVER, DEPTH</th>
<th>WALLS</th>
<th>UTILITIES IN HOLE REQUIRED</th>
<th>PLAN</th>
<th>TEST HOLE</th>
<th>DISTRICT</th>
<th>TAIL</th>
<th>STATION &amp; MILEAGE</th>
<th>OWNER</th>
<th>TYPE OF FACILITY</th>
<th>COVER, DEPTH</th>
<th>WALLS</th>
<th>UTILITIES IN HOLE REQUIRED</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 1</td>
<td>84.9 RT</td>
<td>56-90.8</td>
<td>2</td>
<td>10</td>
<td>DT, CP</td>
<td>0.95' (3.3') METALLIC WATER</td>
<td>205.84</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 3</td>
<td>47.9 LT</td>
<td>50-07.9</td>
<td>2</td>
<td>TOP OF 10' 0&quot; HD. NON-MET. CONDUIT</td>
<td>202.73</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 4</td>
<td>57.2 LT</td>
<td>50-57.1</td>
<td>2</td>
<td>TOP OF 1/2&quot; I.D. DUCT</td>
<td>204.42</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4A 3</td>
<td>26.8 LT</td>
<td>50-36.2</td>
<td>2</td>
<td>TOP OF 1/2&quot; DUCT</td>
<td>204.12</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 5</td>
<td>26.8 LT</td>
<td>59-74.2</td>
<td>2</td>
<td>3' (9.1) D. MET. CASING</td>
<td>201.58</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 4</td>
<td>18.9 LT</td>
<td>59-74.1</td>
<td>2</td>
<td>3' (9.1) D. BLACK PIPE</td>
<td>205.22</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 4</td>
<td>18.8 LT</td>
<td>59-73.1</td>
<td>2</td>
<td>3' (9.1) D. BLACK PIPE</td>
<td>205.42</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 4</td>
<td>18.8 LT</td>
<td>59-73.5</td>
<td>3</td>
<td>TP OF CSD CAP</td>
<td>100.98</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>18</td>
<td>18</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 4</td>
<td>210.8 LT</td>
<td>60-510.8</td>
<td>2</td>
<td>TWO 10' 0&quot; HD. NON-METALIC CONDUITS</td>
<td>201.73</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11 3</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 4</td>
<td>18.8 LT</td>
<td>59-73.1</td>
<td>2</td>
<td>NO CLEARANCE</td>
<td>205.52</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13 3</td>
<td>62.7 LT</td>
<td>55-05.3</td>
<td>2</td>
<td>3' (9.1) D. NON-METALIC GAS</td>
<td>202.44</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14 3</td>
<td>61.1 LT</td>
<td>54-62.2</td>
<td>2</td>
<td>3' (9.1) D. NON-METALIC GAS</td>
<td>202.77</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15 4</td>
<td>28.5 LT</td>
<td>453-04.0</td>
<td>2</td>
<td>15' (4.6) D. WATER</td>
<td>214.34</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16 4</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17 4</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18 4</td>
<td>28.8 LT</td>
<td>56-46.6</td>
<td>2</td>
<td>15' (4.6) D. NON-METALIC DRAIN</td>
<td>203.52</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18 4</td>
<td>28.8 LT</td>
<td>56-46.6</td>
<td>2</td>
<td>15' (4.6) D. NON-METALIC DRAIN</td>
<td>203.52</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19 4</td>
<td>28.8 LT</td>
<td>56-46.6</td>
<td>2</td>
<td>15' (4.6) D. NON-METALIC DRAIN</td>
<td>203.52</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20 4</td>
<td>28.8 LT</td>
<td>56-46.6</td>
<td>2</td>
<td>15' (4.6) D. NON-METALIC DRAIN</td>
<td>203.52</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21 4</td>
<td>28.8 LT</td>
<td>56-46.6</td>
<td>2</td>
<td>15' (4.6) D. NON-METALIC DRAIN</td>
<td>203.52</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22 4</td>
<td>28.8 LT</td>
<td>56-46.6</td>
<td>2</td>
<td>15' (4.6) D. NON-METALIC DRAIN</td>
<td>203.52</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>23 4</td>
<td>28.8 LT</td>
<td>56-46.6</td>
<td>2</td>
<td>15' (4.6) D. NON-METALIC DRAIN</td>
<td>203.52</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>24 3</td>
<td>78.4 RT</td>
<td>56-134.9</td>
<td>2</td>
<td>3' (9.1) D. METAL WATER</td>
<td>201.87</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25 4</td>
<td>122.4 RT</td>
<td>50-50.5</td>
<td>2</td>
<td>3' (9.1) D. METAL WATER</td>
<td>204.35</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>26 4</td>
<td>122.4 RT</td>
<td>50-50.5</td>
<td>2</td>
<td>3' (9.1) D. METAL WATER</td>
<td>204.35</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>27 4</td>
<td>20.7 RT</td>
<td>50-13.4</td>
<td>2</td>
<td>NO CLEARANCE</td>
<td>204.22</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>27 4</td>
<td>20.7 RT</td>
<td>50-13.4</td>
<td>2</td>
<td>NO CLEARANCE</td>
<td>204.22</td>
<td>NO CLEARANCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### NOTES
1. TEST HOLE LOCATIONS ARE REFERENCED FROM THE TYPICAL CUT-ON-SHEET.  
2. ELEVATIONS SHOWN ARE TO THE TOP OF THE FACILITY UNLESS OTHERWISE NOTED.  
3. YES OR NO INDICATES NO DIRECT CONTACT.  
4. REMARKS TO INDICATE CLEARANCE DIMENSION (PREVIOUSLY OF DISTANCE)  
5. UTILITIES INFORMATION TO BE PROVIDED BY THE VDOT DISTRICT UTILITY ENGINEER.
- Detour Signing

PROJECT LOCATION

DETOUR
Route 615, Burleigh Road

WARNING LIGHTS
Type B

ROAD CLOSED
LOCAL TRAFFIC ONLY

ROAD CLOSED fabricated out of crashworthy material

These signs will need to be

See Constr. Sign. Sheet MW/1 for Summary
TEMPORARY TRAFFIC CONTROL
and Sequence of Construction

PHASE 1

SUGGESTED SEQUENCE OF OPERATIONS:

1. Place all E&S controls.
2. Place "TRUCKS ENTERING HIGHWAY" signs.
3. Remove cut between Sta. 32+/- and 37+30+/-.
4. Place detour signing - detour traffic.
5. Place 350' to 500' from entrance location.

LEGAL BASIN

Trucks Entering Highway signs shall be removed or covered in accordance with the 2011 Work Area Protection Manual on a daily basis during non-working hours. These signs shall only be visible to traffic during work operations to which trucks are required to enter and exit the work zone and with such work is actively occurring.

FIGURE 2H - 13 SAMPLE TRAFFIC MAINTENANCE PLAN (TMP) SHEET
TEMPORARY TRAFFIC CONTROL
and Sequence of Construction

PHASE 2 (if necessary)

SUGGESTED SEQUENCE OF OPERATIONS:
- Place roadway items - pavement structure to IM-19.0A.
- Suggested equipment staging area
- While placing D605, construct road transitions.
- Proposed Access

OPEN MOVEMENT TO THROUGH TRAFFIC:
- Set up temporary traffic control as necessary.
- Place additional drainage and erosion & sediment controls.
- Complete all roadway items.
- OPEN ROADWAY TO THRU TRAFFIC:
- Final paving and line marking operations.
- Complete shoulder/ditch/guardrail and slope work.

LEGEND:
- Reconstruction of sharp curve.

FIGURE 2H - 14 SAMPLE TRAFFIC MAINTENANCE PLAN (TMP) SHEET
GENERAL NOTES

INSECTS
1. The following species of insects have been observed in the vicinity of the project:
   - Ants
   - Termites
   - Beetles
   - Spiders

2. Ants are most active during the spring and summer months.
   - Ants build their nests along the edges of roads and driveways.
   - Control measures include sealing cracks and gaps with material such as caulking.

3. Termites are active in the vicinity of the project.
   - Termite activity can be identified by mud tubes or tunnels around the foundation of structures.
   - Termites can cause significant damage to wood structures if left untreated.

4. Beetles are common in the vicinity of the project.
   - Beetles can be controlled by using insecticides specifically designed for beetle control.
   - Regular maintenance of the project area can help reduce beetle populations.

5. Spiders are present in the vicinity of the project.
   - Spiders can be controlled by using insecticides or natural predators such as lizards or birds.
   - Regular maintenance of the project area can help reduce spider populations.

6. Spiders can be controlled by reducing the availability of food sources and proper sealing of entry points.
   - Regular maintenance of the project area can help reduce spider populations.

7. Spiders can be controlled by using insecticides specifically designed for spider control.
   - Regular maintenance of the project area can help reduce spider populations.

8. Spiders can be controlled by using insecticides specifically designed for spider control.
   - Regular maintenance of the project area can help reduce spider populations.

EROSION AND SEDIMENT CONTROL
1. A sediment and erosion control plan has been developed for the project.
   - The plan includes measures to control sediment and erosion during construction.
   - The plan is designed to minimize the impact on the surrounding environment.

2. The sediment and erosion control plan has been reviewed by the Local Government.
   - The plan is designed to minimize the impact on the surrounding environment.
   - The plan is designed to minimize the impact on the surrounding environment.

3. The sediment and erosion control plan has been reviewed by the Local Government.
   - The plan is designed to minimize the impact on the surrounding environment.
   - The plan is designed to minimize the impact on the surrounding environment.

4. The sediment and erosion control plan has been reviewed by the Local Government.
   - The plan is designed to minimize the impact on the surrounding environment.
   - The plan is designed to minimize the impact on the surrounding environment.

5. The sediment and erosion control plan has been reviewed by the Local Government.
   - The plan is designed to minimize the impact on the surrounding environment.
   - The plan is designed to minimize the impact on the surrounding environment.

6. The sediment and erosion control plan has been reviewed by the Local Government.
   - The plan is designed to minimize the impact on the surrounding environment.
   - The plan is designed to minimize the impact on the surrounding environment.

7. The sediment and erosion control plan has been reviewed by the Local Government.
   - The plan is designed to minimize the impact on the surrounding environment.
   - The plan is designed to minimize the impact on the surrounding environment.

8. The sediment and erosion control plan has been reviewed by the Local Government.
   - The plan is designed to minimize the impact on the surrounding environment.
   - The plan is designed to minimize the impact on the surrounding environment.

9. The sediment and erosion control plan has been reviewed by the Local Government.
   - The plan is designed to minimize the impact on the surrounding environment.
   - The plan is designed to minimize the impact on the surrounding environment.

10. The sediment and erosion control plan has been reviewed by the Local Government.
    - The plan is designed to minimize the impact on the surrounding environment.
    - The plan is designed to minimize the impact on the surrounding environment.

STORMWATER MANAGEMENT
1. A stormwater management plan has been developed for the project.
   - The plan includes measures to manage stormwater runoff.
   - The plan is designed to minimize the impact on the surrounding environment.

2. The stormwater management plan has been reviewed by the Local Government.
   - The plan includes measures to manage stormwater runoff.
   - The plan includes measures to manage stormwater runoff.

3. The stormwater management plan has been reviewed by the Local Government.
   - The plan includes measures to manage stormwater runoff.
   - The plan includes measures to manage stormwater runoff.

4. The stormwater management plan has been reviewed by the Local Government.
   - The plan includes measures to manage stormwater runoff.
   - The plan includes measures to manage stormwater runoff.

5. The stormwater management plan has been reviewed by the Local Government.
   - The plan includes measures to manage stormwater runoff.
   - The plan includes measures to manage stormwater runoff.

6. The stormwater management plan has been reviewed by the Local Government.
   - The plan includes measures to manage stormwater runoff.
   - The plan includes measures to manage stormwater runoff.

7. The stormwater management plan has been reviewed by the Local Government.
   - The plan includes measures to manage stormwater runoff.
   - The plan includes measures to manage stormwater runoff.

8. The stormwater management plan has been reviewed by the Local Government.
   - The plan includes measures to manage stormwater runoff.
   - The plan includes measures to manage stormwater runoff.

9. The stormwater management plan has been reviewed by the Local Government.
   - The plan includes measures to manage stormwater runoff.
   - The plan includes measures to manage stormwater runoff.

10. The stormwater management plan has been reviewed by the Local Government.
    - The plan includes measures to manage stormwater runoff.
    - The plan includes measures to manage stormwater runoff.

MAINTENANCE OF TRAFFIC
1. A traffic management plan has been developed for the project.
   - The plan includes measures to manage traffic flow during construction.
   - The plan is designed to minimize the impact on the surrounding environment.

2. The traffic management plan has been reviewed by the Local Government.
   - The plan includes measures to manage traffic flow during construction.
   - The plan includes measures to manage traffic flow during construction.

3. The traffic management plan has been reviewed by the Local Government.
   - The plan includes measures to manage traffic flow during construction.
   - The plan includes measures to manage traffic flow during construction.

4. The traffic management plan has been reviewed by the Local Government.
   - The plan includes measures to manage traffic flow during construction.
   - The plan includes measures to manage traffic flow during construction.

5. The traffic management plan has been reviewed by the Local Government.
   - The plan includes measures to manage traffic flow during construction.
   - The plan includes measures to manage traffic flow during construction.

6. The traffic management plan has been reviewed by the Local Government.
   - The plan includes measures to manage traffic flow during construction.
   - The plan includes measures to manage traffic flow during construction.

7. The traffic management plan has been reviewed by the Local Government.
   - The plan includes measures to manage traffic flow during construction.
   - The plan includes measures to manage traffic flow during construction.

8. The traffic management plan has been reviewed by the Local Government.
   - The plan includes measures to manage traffic flow during construction.
   - The plan includes measures to manage traffic flow during construction.

9. The traffic management plan has been reviewed by the Local Government.
   - The plan includes measures to manage traffic flow during construction.
   - The plan includes measures to manage traffic flow during construction.

10. The traffic management plan has been reviewed by the Local Government.
    - The plan includes measures to manage traffic flow during construction.
    - The plan includes measures to manage traffic flow during construction.

FIGURE 2H - 15 SAMPLE GENERAL NOTES SHEET
FIGURE 2H - 16 SAMPLE TYPICAL SECTION SHEET
FIGURE 2H - 17 SAMPLE TYPICAL SECTION SHEET
### DRAINAGE SUMMARY

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>ORIGIN</th>
<th>END</th>
<th>EASEMENT</th>
<th>ROADWAY</th>
<th>ENTRANCE</th>
<th>.Material</th>
<th>TOTAL</th>
<th>METHOD</th>
<th>PCT</th>
<th>LIN FT</th>
<th>CY</th>
<th>TON</th>
<th>EA</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE(S)** See AGR. NO. 25 OR 26 BEDDING MATERIAL.

**CONTROL**

**EROSION**

**NOTE(S)** See AGR. NO. 25 OR 26 BEDDING MATERIAL.

**SUBTOTAL**

**ALLOWABLE PIPE TYPES (UNLESS OTHERWISE SHOWN ON PLANS)**

**SEE STANDARD DRAWING PC-1 FOR HEIGHT OF COVER LIMITATIONS FOR EACH TYPE**

**STEEL**
- Corrugated
- Uncoated

**ALLOY**
- Corrugated
- Aluminum

**POLYTHLENE**
- Corrugated

**JACKED PIPE**

**TYPE I**
- DI-12 INLET
- DROP

**STANDARD 60" EW-2** Req'd.

**SEE SPECIAL PROVISIONS**

**FIGURE 2H - 18 SAMPLE DRAINAGE SUMMARY SHEET**
### ROADSIDE DEVELOPMENT SUMMARY

<table>
<thead>
<tr>
<th>PROJECT NUMBER/A/A LOCATION</th>
<th>A/A</th>
<th>B/A/L</th>
<th>C/A</th>
<th>1/ACRES</th>
<th>LBS./ACRES</th>
<th>SALE</th>
<th>3:1</th>
<th>50 CERTIFIED TALL FESCUE</th>
<th>50 CERTIFIED FINE FESCUE</th>
<th>50 FOXTAIL MILLET</th>
<th>50 CERTIFIED KENTUCKY BLUEGRASS</th>
<th>100 FOXTAIL MILLET</th>
<th>100 ANNUAL RYEGRASS</th>
<th>100 BLUE GRAMA</th>
<th>100 ALFALFA</th>
<th>100 CROWN VETCH (LEGUME)</th>
<th>100 SEPICEA LESPEDEZA (LEGUME)</th>
<th>100 BIRDSFOOT TREFOIL (LEGUME)</th>
<th>POLLINATOR SEED MIX</th>
<th>CORE MIX</th>
<th>ADDITIVES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SEEDING SCHEDULE

<table>
<thead>
<tr>
<th>ADDITIVES</th>
<th>TYPE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>A</td>
<td>100% ENZYNES</td>
</tr>
<tr>
<td>B</td>
<td>A</td>
<td>100% ENZYNES</td>
</tr>
<tr>
<td>C</td>
<td>A</td>
<td>100% PULLING MILL</td>
</tr>
<tr>
<td>D</td>
<td>A</td>
<td>100% ANNUAL GRASSES</td>
</tr>
<tr>
<td>E</td>
<td>A</td>
<td>100% RYE</td>
</tr>
<tr>
<td>F</td>
<td>A</td>
<td>100% WHEAT</td>
</tr>
<tr>
<td>G</td>
<td>A</td>
<td>100% WHEAT</td>
</tr>
<tr>
<td>H</td>
<td>A</td>
<td>100% WHEAT</td>
</tr>
<tr>
<td>I</td>
<td>A</td>
<td>100% WHEAT</td>
</tr>
<tr>
<td>J</td>
<td>A</td>
<td>100% WHEAT</td>
</tr>
<tr>
<td>K</td>
<td>A</td>
<td>100% WHEAT</td>
</tr>
</tbody>
</table>

### NOTES

Provision provided by District Roadside Manager.

The seed mix is designed to support a variety of wildlife and pollinators, ensuring a healthy ecosystem alongside the roadways.

**AND/OR LOCATION DESC.** These additives are not to be used in areas that will be mowed (slopes 3:1 or flatter).

**SECTION OF SEED LOCATIONS**

**ROADSIDE DEVELOPMENT**

<table>
<thead>
<tr>
<th>MIX</th>
<th>1/ACRES</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DEPOT SEEDS**

- **WINTER/DORMANT**
- **FALL**
- **SPRING**
- **SUMMER**

**SEEDING SCHEDULE**

<table>
<thead>
<tr>
<th>ADDITIVES</th>
<th>TYPE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>A</td>
<td>100% ENZYNES</td>
</tr>
<tr>
<td>B</td>
<td>A</td>
<td>100% ENZYNES</td>
</tr>
<tr>
<td>C</td>
<td>A</td>
<td>100% PULLING MILL</td>
</tr>
<tr>
<td>D</td>
<td>A</td>
<td>100% ANNUAL GRASSES</td>
</tr>
<tr>
<td>E</td>
<td>A</td>
<td>100% RYE</td>
</tr>
<tr>
<td>F</td>
<td>A</td>
<td>100% WHEAT</td>
</tr>
<tr>
<td>G</td>
<td>A</td>
<td>100% WHEAT</td>
</tr>
<tr>
<td>H</td>
<td>A</td>
<td>100% WHEAT</td>
</tr>
<tr>
<td>I</td>
<td>A</td>
<td>100% WHEAT</td>
</tr>
<tr>
<td>J</td>
<td>A</td>
<td>100% WHEAT</td>
</tr>
<tr>
<td>K</td>
<td>A</td>
<td>100% WHEAT</td>
</tr>
</tbody>
</table>

**NOTES**

- Provision provided by District Roadside Manager.
- The seed mix is designed to support a variety of wildlife and pollinators, ensuring a healthy ecosystem alongside the roadways.
- **AND/OR LOCATION DESC.** These additives are not to be used in areas that will be mowed (slopes 3:1 or flatter).

**SECTION OF SEED LOCATIONS**

**ROADSIDE DEVELOPMENT**

<table>
<thead>
<tr>
<th>MIX</th>
<th>1/ACRES</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
FIGURE 2H-20 SAMPLE STORMWATER POLLUTION PREVENTION PLAN SHEET 1 OF 3
STORMWATER POLLUTION PREVENTION PLAN (SWPPP) GENERAL INFORMATION SHEET

The information contained in the SWPPP General Information Sheet is intended to satisfy the requirements of the VSMP for the Control of Stormwater Pollution from Construction Activities. The VSMP is effective as of July 1, 2000, and SWPPP plans are required for all construction activities that disturb land.

The SWPPP General Information Sheet is to be considered one of the required construction documents for all construction activities that disturb land. It should be included in the construction documents for all construction activities that disturb land. It should be included in the construction documents for all construction activities that disturb land.

The VSMP requires a SWPPP to be submitted to the DEQ for review and approval prior to the commencement of construction activities. The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines. The DEQ may require modifications to the SWPPP prior to its approval.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.

The SWPPP shall be submitted to the DEQ on a CD-ROM disk or in a format that is compatible with the DEQ's SWPPP Review System.

The SWPPP shall be reviewed by the DEQ to ensure compliance with the VSMP regulations and guidelines.

The SWPPP shall be submitted to the DEQ within 30 days of the date of construction.

The SWPPP shall be updated as necessary to reflect changes in the construction project.

The SWPPP shall be available for inspection by the DEQ and the public during normal business hours.
## Erosion and Sediment Control Summary

### Phase I

| Subtotal | 490 | 490 | 121 | 121 | 51 | 51 | 1466 | 1466 | 2306 | 2306 | 595 | 595 | 81 | 81 | 9 | 9 | 41 | 41 | LF | LF | 2 | 2 |
|----------|-----|-----|-----|-----|----|----|------|------|------|------|------|------|------|----|----|---|---|---|---|---|---|---|---|---|---|
|           |     |     |     |     |    |    |      |      |      |      |      |      |      |    |    |   |   |   |   |   |   |   |   |   |   |

### Phase II

| Subtotal | 490 | 490 | 121 | 121 | 51 | 51 | 1466 | 1466 | 2306 | 2306 | 595 | 595 | 81 | 81 | 9 | 9 | 41 | 41 | LF | LF | 2 | 2 |
|----------|-----|-----|-----|-----|----|----|------|------|------|------|------|------|------|----|----|---|---|---|---|---|---|---|---|---|---|
|           |     |     |     |     |    |    |      |      |      |      |      |      |      |    |    |   |   |   |   |   |   |   |   |   |   |

### Notes
- Not a pay item.
## PAVEMENT SUMMARY

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>STATION TO STATION</th>
<th>PAVEMENT AREA</th>
<th>Surface</th>
<th>Intermediate</th>
<th>Base</th>
<th>Drainage</th>
<th>Subbase</th>
<th>Writing &amp; Removables</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Asphalt**
- **Type SM-9.5D**
- **Weight @ 2 ton/cy**

**Concrete**
- **Type IM-19.0 A**
- **Weight @ 2 ton/cy**

**Materials**
- **Aggregate Material**
- **Material Size**
- **Depth**

**Temporary Pavement**
- **Area**

**Entrances**
- **Area**

**TOTAL**
- **Area**

**Design Features Relating to Construction or to Regulation and Control of Traffic** may be subject to change as deemed necessary by the Department.

###備註
- 會計報告：項目的金額以計劃數量為基礎計算，並符合道路和橋樑規範的規定。

---

**FIGURE 2H - 24 SAMPLE PAVEMENT SUMMARY SHEET**
FIGURE 2H - 25 SAMPLE GRADING DIAGRAM AND SUMMARY SHEET
### INCIDENTAL SUMMARY

<table>
<thead>
<tr>
<th>SHEET NO.</th>
<th>PAY ITEM</th>
<th>PAY ITEM</th>
<th>PAY ITEM</th>
<th>PAY ITEM</th>
<th>PAY ITEM</th>
<th>PAY ITEM</th>
<th>PAY ITEM</th>
<th>PAY ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MAINTENANCE OF TRAFFIC

#### DEMOLITION OF SIGNS TO BE INCLUDED IN HIGHWAY CONTRACT

<table>
<thead>
<tr>
<th>PAY ITEM</th>
<th>PAY ITEM</th>
<th>PAY ITEM</th>
<th>PAY ITEM</th>
<th>PAY ITEM</th>
<th>PAY ITEM</th>
<th>PAY ITEM</th>
<th>PAY ITEM</th>
<th>PAY ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### FIGURE 2H - 26 SAMPLE INCIDENTAL SUMMARY SHEET
## Sample Roundabout Details Sheet

### Table: Roundabout Details

<table>
<thead>
<tr>
<th>SHEET NO.</th>
<th>TABLE NAME</th>
<th>REF. NO.</th>
<th>MOBY BLVD.</th>
<th>RTE. 636</th>
<th>RTE. 7</th>
</tr>
</thead>
<tbody>
<tr>
<td>2H-27</td>
<td>Roundabout Details</td>
<td>XXX-XXX-XXX</td>
<td>MOSBY BLVD.</td>
<td>RTE. 636</td>
<td>RTE. 7</td>
</tr>
</tbody>
</table>

### Diagram: Roundabout Details

- **Location and Elevation**
- **Roundabout Details**
- **Truck Apron Joint Detail**

### Notes
- Modified CG-2 Req'd.
- St'd. CG-2
- JT - 2H-27
- Neccesary by the Department

---

**FIGURE 2H - 27 SAMPLE ROUNDABOUT DETAIL SHEET**
FIGURE 2H - 29 SAMPLE METES AND BOUNDS DATA SHEET
FIGURE 2H - 32 SAMPLE 2 PLAN SHEET
FIGURE 2H - 33 SAMPLE 3 PLAN SHEET
### Sheet No. 12

#### Existing Ground

<table>
<thead>
<tr>
<th>Station Label</th>
<th>PGL Elev.</th>
<th>(RT of BL) Offset</th>
<th>(LT of BL) Offset</th>
<th>Elev</th>
<th>Left EOP Elev</th>
<th>Right EOP Elev</th>
<th>VD</th>
<th>L</th>
<th>R</th>
<th>K</th>
<th>ex</th>
<th>SSD</th>
<th>EL</th>
<th>STA</th>
</tr>
</thead>
<tbody>
<tr>
<td>00.00</td>
<td>12.48</td>
<td>4.15</td>
<td>4.15</td>
<td>12.48</td>
<td>4.15</td>
<td>4.15</td>
<td>70</td>
<td>700.00</td>
<td>307</td>
<td>-2.00</td>
<td>823</td>
<td>432.29</td>
<td>203+80.00</td>
<td></td>
</tr>
<tr>
<td>27.07</td>
<td>12.48</td>
<td>4.15</td>
<td>4.15</td>
<td>12.48</td>
<td>4.15</td>
<td>4.15</td>
<td>70</td>
<td>700.00</td>
<td>307</td>
<td>-2.00</td>
<td>823</td>
<td>432.29</td>
<td>203+80.00</td>
<td></td>
</tr>
<tr>
<td>50.00</td>
<td>12.48</td>
<td>4.15</td>
<td>4.15</td>
<td>12.48</td>
<td>4.15</td>
<td>4.15</td>
<td>70</td>
<td>700.00</td>
<td>307</td>
<td>-2.00</td>
<td>823</td>
<td>432.29</td>
<td>203+80.00</td>
<td></td>
</tr>
<tr>
<td>75.00</td>
<td>12.48</td>
<td>4.15</td>
<td>4.15</td>
<td>12.48</td>
<td>4.15</td>
<td>4.15</td>
<td>70</td>
<td>700.00</td>
<td>307</td>
<td>-2.00</td>
<td>823</td>
<td>432.29</td>
<td>203+80.00</td>
<td></td>
</tr>
<tr>
<td>101.00</td>
<td>12.48</td>
<td>4.15</td>
<td>4.15</td>
<td>12.48</td>
<td>4.15</td>
<td>4.15</td>
<td>70</td>
<td>700.00</td>
<td>307</td>
<td>-2.00</td>
<td>823</td>
<td>432.29</td>
<td>203+80.00</td>
<td></td>
</tr>
</tbody>
</table>

#### Proposed Grade

<table>
<thead>
<tr>
<th>Station Label</th>
<th>PGL Elev.</th>
<th>(RT of BL) Offset</th>
<th>(LT of BL) Offset</th>
<th>Elev</th>
<th>Left EOP Elev</th>
<th>Right EOP Elev</th>
<th>VD</th>
<th>L</th>
<th>R</th>
<th>K</th>
<th>ex</th>
<th>SSD</th>
<th>EL</th>
<th>STA</th>
</tr>
</thead>
<tbody>
<tr>
<td>27.07</td>
<td>12.48</td>
<td>4.15</td>
<td>4.15</td>
<td>12.48</td>
<td>4.15</td>
<td>4.15</td>
<td>70</td>
<td>700.00</td>
<td>307</td>
<td>-2.00</td>
<td>823</td>
<td>432.29</td>
<td>203+80.00</td>
<td></td>
</tr>
<tr>
<td>50.00</td>
<td>12.48</td>
<td>4.15</td>
<td>4.15</td>
<td>12.48</td>
<td>4.15</td>
<td>4.15</td>
<td>70</td>
<td>700.00</td>
<td>307</td>
<td>-2.00</td>
<td>823</td>
<td>432.29</td>
<td>203+80.00</td>
<td></td>
</tr>
<tr>
<td>75.00</td>
<td>12.48</td>
<td>4.15</td>
<td>4.15</td>
<td>12.48</td>
<td>4.15</td>
<td>4.15</td>
<td>70</td>
<td>700.00</td>
<td>307</td>
<td>-2.00</td>
<td>823</td>
<td>432.29</td>
<td>203+80.00</td>
<td></td>
</tr>
<tr>
<td>101.00</td>
<td>12.48</td>
<td>4.15</td>
<td>4.15</td>
<td>12.48</td>
<td>4.15</td>
<td>4.15</td>
<td>70</td>
<td>700.00</td>
<td>307</td>
<td>-2.00</td>
<td>823</td>
<td>432.29</td>
<td>203+80.00</td>
<td></td>
</tr>
</tbody>
</table>

#### Design Features

- Neccessary by the department
- May be subject to change as deemed necessary by the department
- Necessary by the department
- Any type of construction
- These plans are unfinished
- The department
- The regulation and control of traffic

**VDOT Location and Design**

- Sta. 208+46.70
  - End Project 0784-023-226, R.W.-201
  - Sta. 209+07.54
    - End Project 0784-023-226, R.W.-201

**STATE**

- VA.
- RVA.

**ROUTE**

- XXX

**PROJECT**

- XXX-XXX-XXX
  - RVA.

**REVISED**

- 12/11/12

**Plotted By:** stewart.willis

**Profile Sheet (3).dgn**

**Design By:**

- DATE

**Surveyed By:**

- DATE

**By**:

- DATE

**SUBSURFACE UTILITY**

- DATE

**PM**

- DATE

**STATE**

- VA.

**STATE**

- VA.

**ROUTE**

- XXX

**ROUTE**

- XXX-XXX-XXX

**PROJECT**

- RVA.

**PROJECT**

- RVA.

**NECESSARY**

- BY THE DEPARTMENT

- MAY BE SUBJECT TO CHANGE AS DEEMED

- OR TO REGULATION AND CONTROL OF TRAFFIC

**DESIGN FEATURES RELATING TO CONSTRUCTION**

- REVISED

**2H-37**

**FIGURE 2H - 37 SAMPLE 3 PROFILE SHEET**
FIGURE 2H-40 SAMPLE UTILITY SHEET
FIGURE 2H - 41  SAMPLE ENTRANCE PROFILE SHEET
FIGURE 2H - 43 SAMPLE PEDESTRIAN CROSSWALK PLAN (FOR ALTERATION PROJECTS ONLY)