GENERAL ELEVATION A-A

Hydrologic Data

<table>
<thead>
<tr>
<th>Design Flood Frequency</th>
<th>Elevation</th>
<th>Discharge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base Flood (100-year)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Design Flood (100-year)</td>
<td></td>
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</tbody>
</table>

Elevations

Fill Heights

<table>
<thead>
<tr>
<th>Fill Height</th>
<th>Elevation</th>
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<tbody>
<tr>
<td></td>
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Estimated Quantities

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
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General Notes:

- Design Loadings: Refer to AASHTO LRFD Bridge Design Specifications.
- Reinforcing Steel: Use Grade 60 with a yield strength of 60,000 psi.
- Concrete: Use Class B-1 Concrete with a compressive strength of 4,000 psi.
- Standard Details: Use AASHTO LRFD Bridge Design Specifications.
- Miscellaneous: All construction personnel will use the 4-panel box culvert for construction.
- Traffic Control: All traffic control during construction. See roadway plans for traffic control.

Plan of Layout Dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Description</th>
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</tbody>
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Location Sketch

CULVERT-BRIDGE: ROUTE * OVER *

Routing: From * to *

About: Miles of *

Sheet No. 1 of 2

B.M. (feet)
**Standard Drawing Guidance**

- Do not show on plans. Turn off the Bridge Construction level to hide any section drawings that do not pertain to the project. See the standard plans for details.
- Any transverse joints shown on the plan should be placed where they will be visible from the plans.
- The detailed design of transverse joints must be shown on the plans.
- The supplemental reinforcement table is required when the design fill height varies, place "Varies" in the Dim column and place "Varies" in the Equation column and place "N/A" in the Dim column.
- For skews 20° or more, remove Detail A from the equation for the pipe length "P" in the Plan View column for any pipe that is not shown in the Plan View.
- The alternate details are required when the section drawing is required to be moved or when five items are required.
- Remove the alternate details if not applicable.
- The alternate details must be shown on the alternate drawing for ease in moving alternate details.

**Variable Design Fill Heights**

- The variable design fill heights are shown in Table 1 of the alternate drawing.
- The alternate detailed design of transverse joints must be shown on the alternate drawing.
- The supplemental reinforcement table is required when the design fill height varies, place "Varies" in the Dim column and place "Varies" in the Equation column and place "N/A" in the Dim column.
- For skews 20° or more, remove Detail A from the equation for the pipe length "P" in the Plan View column for any pipe that is not shown in the Plan View.
- The alternate details are required when the section drawing is required to be moved or when five items are required.
- Remove the alternate details if not applicable.

**Estimated Quantities**

- The estimated quantities are shown in Table 2 of the alternate drawing.
- The alternate detailed design of transverse joints must be shown on the alternate drawing.
- The supplemental reinforcement table is required when the design fill height varies, place "Varies" in the Dim column and place "Varies" in the Equation column and place "N/A" in the Dim column.
- For skews 20° or more, remove Detail A from the equation for the pipe length "P" in the Plan View column for any pipe that is not shown in the Plan View.
- The alternate details are required when the section drawing is required to be moved or when five items are required.
- Remove the alternate details if not applicable.