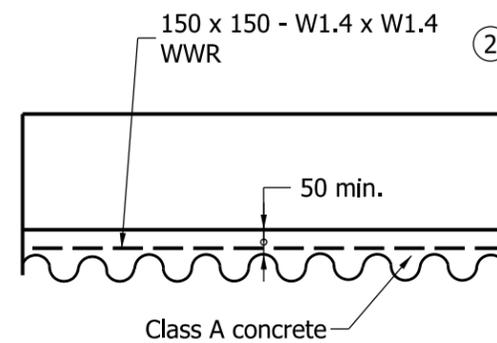


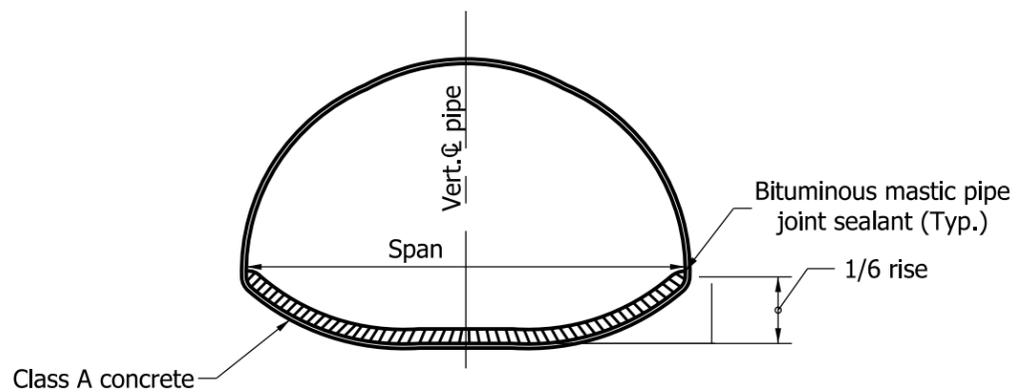
**STEEL PIPE-ARCH SECTIONS
END STABILIZATION OF 75 x 25 CORRUGATED** ①



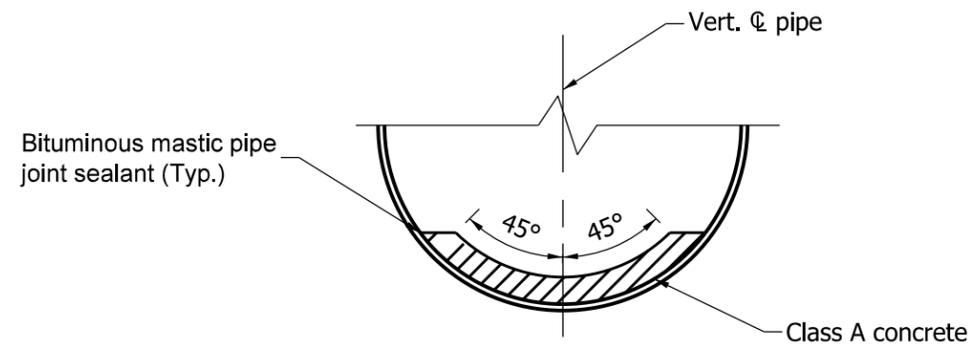
TYPICAL LONGITUDINAL SECTION

NOTES:

- ① In order to maintain their manufactured shape, all 75 x 25 corrugated steel pipe-arch sections shall have wire ties attached at each end as shown in the detail. The wire ties shall be attached across the largest vertical and horizontal dimension of the pipe-arch. The wire ties shall be installed by the manufacturer and shall remain in place until the on-site installation is complete.
- ② WWR shall be wired to every second circumferential bolt and every twelfth longitudinal bolt.

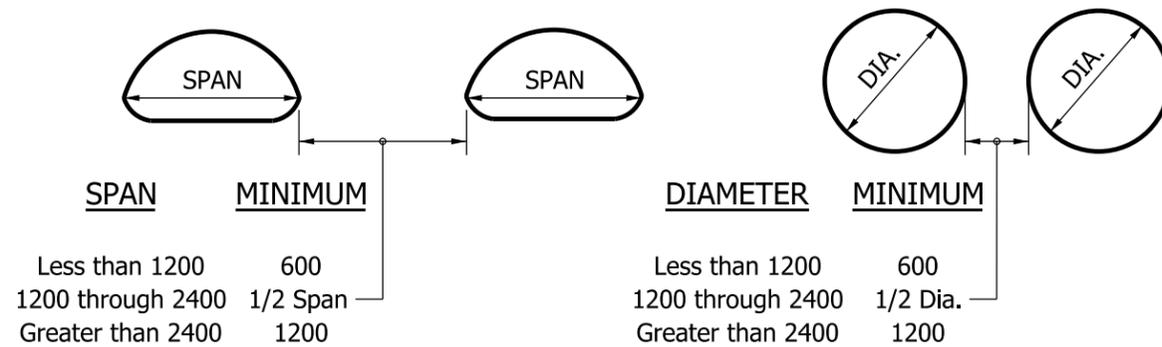


**STRUCTURAL PLATE
PIPE-ARCH CULVERT
ELEVATION**



**STRUCTURAL PLATE
PIPE CULVERT**

CONCRETE FIELD PAVED INVERT DETAILS



MULTIPLE INSTALLATIONS

All Dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION											
MISCELLANEOUS PIPE DETAILS											
SEPTEMBER 2011											
STANDARD DRAWING NO.	715-PIPE-02										
	<table border="0" style="width: 100%;"> <tr> <td style="width: 70%;"><i>/s/ Richard L. Vancleave</i></td> <td style="width: 30%; text-align: right;">09/01/11</td> </tr> <tr> <td>DESIGN STANDARDS ENGINEER</td> <td style="text-align: right;">DATE</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td><i>/s/ Mark A. Miller</i></td> <td style="text-align: right;">09/01/11</td> </tr> <tr> <td>CHIEF HIGHWAY ENGINEER</td> <td style="text-align: right;">DATE</td> </tr> </table>	<i>/s/ Richard L. Vancleave</i>	09/01/11	DESIGN STANDARDS ENGINEER	DATE			<i>/s/ Mark A. Miller</i>	09/01/11	CHIEF HIGHWAY ENGINEER	DATE
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