

BRIDGE-PLATE PROJECT INQUIRY SHEET

CONTACT INFORMATION:

Project Name and Location: _____

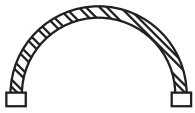
Contact and Company Name: _____

Email: _____

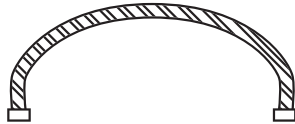
Telephone: _____

BASIC PROJECT INFORMATION:

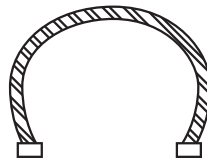
STEP 1: SELECT STRUCTURE SHAPE



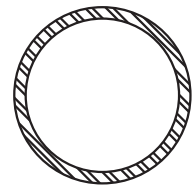
SINGLE RADIUS ARCH



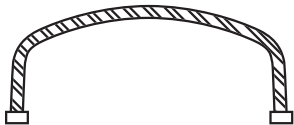
LOW PROFILE ARCH



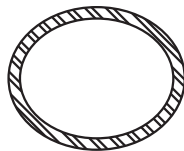
HIGH PROFILE ARCH



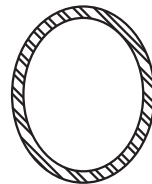
ROUND



BOX CULVERT



HORIZONTAL ELLIPSE



VERTICAL ELLIPSE

Is this a reline project?

Yes No

EXISTING SHAPE INFORMATION _____

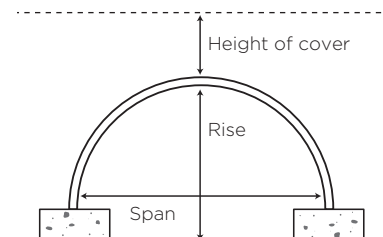
STEP 2: PROVIDE DIMENSIONS

Height of Cover _____

Rise _____

Span _____

Live Loading _____



STEP 3: COATING SPECIFICATION

915 g/m² GALVANIZED STEEL

1220 g/m² GALVANIZED STEEL

STRATA-CAT COATING (POLYMER COATED)

BLACK STEEL

SITE SPECIFIC INFORMATION IF AVAILABLE

1. Minimum Span	_____m
2. Application	<input type="checkbox"/> Bridge <input type="checkbox"/> Grade Separation <input type="checkbox"/> Stream Crossing <input type="checkbox"/> Mine Portal Other_____
Vertical height clearance (road elevation or streambed/road elevation):	_____m
Is this requirement flexible:	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. Scour Depth	_____m or <input type="checkbox"/> unknown
4. Live Load Vehicle	_____ or <input type="checkbox"/> CL-625 overload conditions
5. Soil Density	_____ kN/m ³ or <input type="checkbox"/> assume 22 kN/m ³ as per CHBDC
6. Required Hydraulic End Area	_____m ²
7. Clearance Box Requirements	_____m (span x height)
Clearance Box Chamber:	_____m (width x length)
8. Corrosive Environment	<input type="checkbox"/> Yes <input type="checkbox"/> No
Specified Service Life:	<input type="checkbox"/> 50 years <input type="checkbox"/> 75 years <input type="checkbox"/> Other _____
9. Seismic Analysis Available	<input type="checkbox"/> Yes <input type="checkbox"/> No
Site Locations:	_____
Or, Zonal Acceleration Ratio:	_____
10. End Treatment Requirements	<input type="checkbox"/> Yes <input type="checkbox"/> No
Square End or Bevel End (specify slope):	_____
Note: minimum requirement is Cast-in-Place Concrete End Collar as per CHBDC	
Structure skewed to:	<input type="checkbox"/> Road <input type="checkbox"/> Unbalanced Fill
Headwalls and/or wingwalls required?:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Material for headwall and/or wingwalls:	<input type="checkbox"/> Armtec Steel Face Wall
	<input type="checkbox"/> Armtec Bin-Wall
	<input type="checkbox"/> Armtec Wire Mesh MSE Wall - Face Material: _____ (i.e. rock or vegetated)
	<input type="checkbox"/> Other (specify)
11. Geotechnical report available:	<input type="checkbox"/> Yes <input type="checkbox"/> No
12. Allowable bearing capacity:	_____kPa