

4" x 1" Keyway Along Top Face And Each Vertical Leg. Keyways To Be Filled w/ Non-Shrink Grout Per Note #3. Threaded Inserts For Wingwall Attachment Will Be Cast Into Keyways As Required. Typ - Each Face Of Each Section

Precast Segments Are Designed For HS-20 Loading w/ Less Than 1' Of Earth Cover.

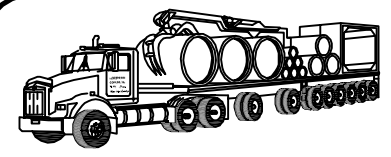
After Sections Are Set, Non-Shrink Grout Must Be Pored Into The Keyway Along The Top Slab And Vertical Legs. Both Sides Of The Legs Shall Also Be Grouted The Full Length Of The Footing.

All Steel Reinforcing To Be 60 Ksi (min) w/ 2" Of Cover (Typ).

Installation: Contractor To Set First Section In The Center Of Footing Keyway. Individual Sections Are Free-Standing w/ No Ties Between Sections. Following Sections To Be Placed Against Previous Sections As Tightly As Possible, While Maintaining Alignment In The Footing Keyway For All Sections. Foam Rope To Be Placed In Bottom Of Joint On Top Slab And On Sides Of Vertical Legs. Shear Keys To Be Filled w/ Non-Shrink Grout

Rise, Span, Laying Length, And Skew Determined By Required Job Specifications. Wall, Top Slab, And Haunch Dimensions Are Determined By Required Rise, Span, And Skew.

Hy-Span Bridge Systems Can Be Custom Manufactured To Specific Requirements Up To 40' Span x 13' Rise.



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Typical Precast Concrete Hy-Span Bridge Detail

Date	Revised	Drawn By	Scale	6.5
23 Nov 98	04 Aug 03	BmG	NTS	