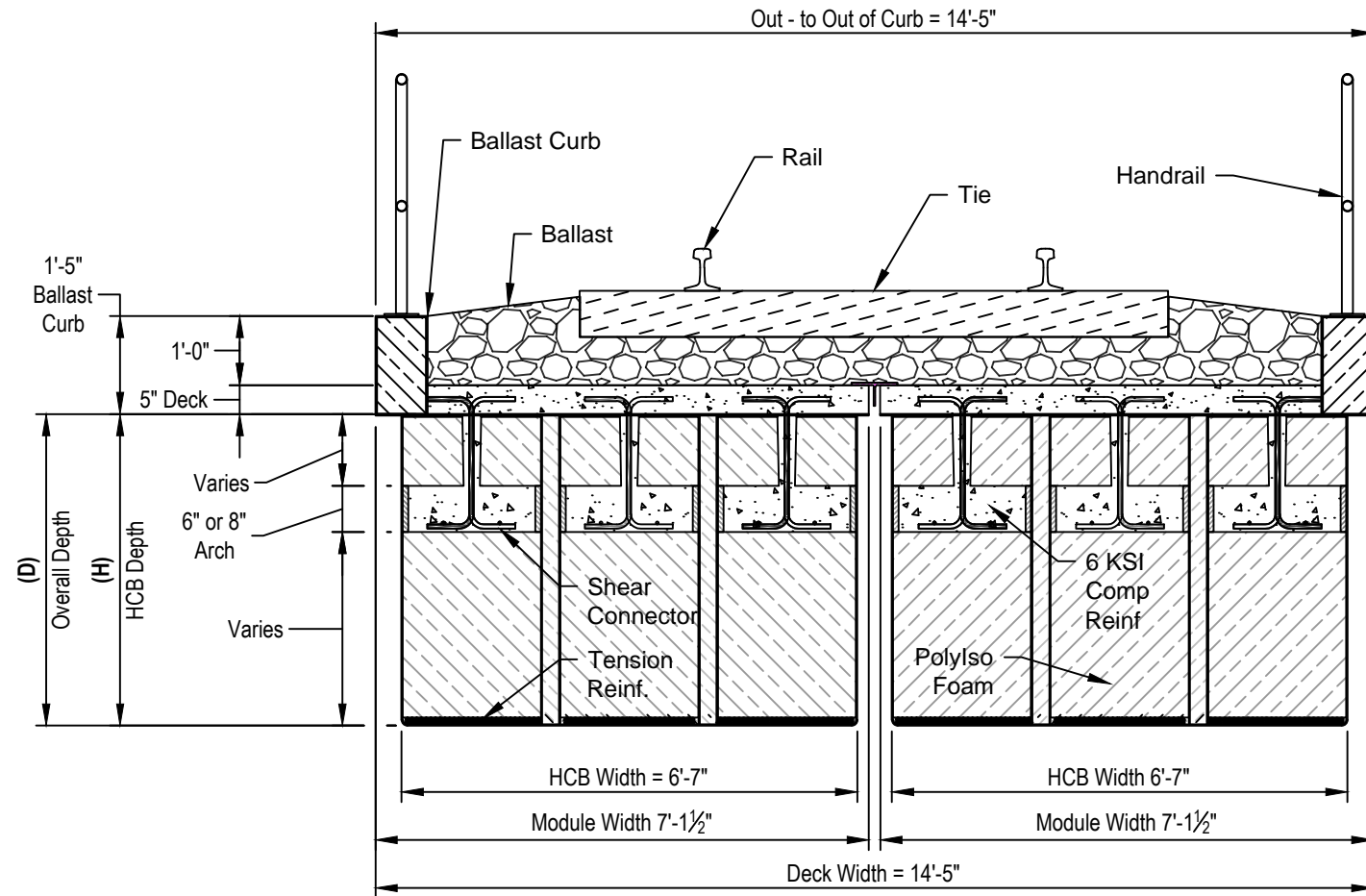


Side Elevation

Longitudinal Section

Shear Connectors and Deck Reinforcement not shown for clarity

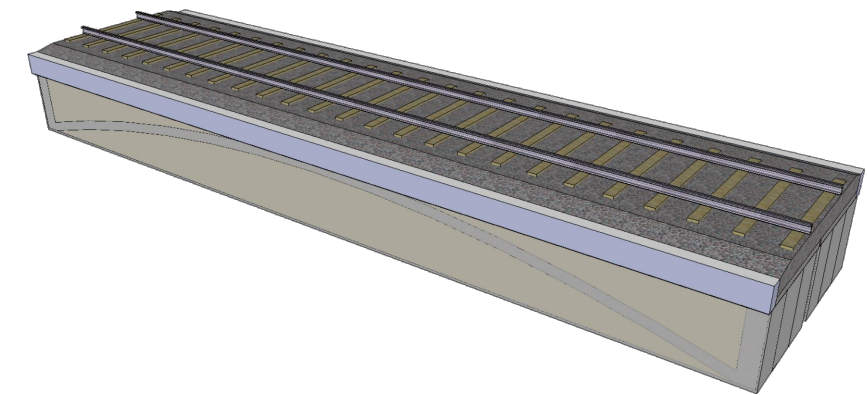


Bridge - Typical Section

Deck Reinforcement not shown for clarity

HCB RAILROAD MODULE INFORMATION

HCB Depth (H)	Overall Depth (D)	Span Range (L)	Weight per Foot
42"	47"	40 Ft - 49 Ft	1,200 Lbs/Ft
48"	53"	49 Ft - 56 Ft	1,225 Lbs/Ft
54"	59"	50 Ft - 62 Ft	1,400 Lbs/Ft
60"	66"	62 Ft - 70 Ft	1,450 Lbs/Ft



HCB BALLASTED DECK RAILROAD BRIDGE

Notes:

1. Table is based on current AREMA Codes
2. Design Load: Cooper E-80
3. Tension Reinforcing: ASTM A416, 270ksi Strand, Galvanized
4. Shear Connectors: ASTM A615 Gr. 60, Galvanized
5. Compression Reinforcement: 6,000 psi SCC
6. Weight per Foot includes HCB filled, deck and ballast curb
7. Walkway (not shown) can be added to one or both sides of bridge
8. Fire Rating Class 1 (ASTM E84 with flame spread <25)



HCB, Inc.
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Prefabricated HCB® Railroad Bridge Modules
US Class 1 Railroads with Ballasted Deck
Lengths 40 Ft to 70 Ft
Single Track Details

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