



- NOTES:**  
Installations not within dimensional limits shown require special analysis for all components and must be submitted to the Bureau of Bridges and Structures for approval. Contractor shall field check all pertinent existing bridge dimensions shown on plans before submitting shop drawings. The Engineer may adjust dimension "i" to meet the above condition and to keep the sign level.
- ① Sign shall not extend more than 6" above top of bracket, and this dimension may vary to keep sign level if bridge is on grade or vertical curve. Multiple signs of various heights shall share a common horizontal centerline and use equal bracket heights. If no sign is attached to a W6x12 vertical (bracket only supporting walkway), dimension h shall be the same as an adjacent bracket with a sign attached, unless Engineer specifically directs shorter brackets due to locational restraints on future uses. (See Detail A for minimum bracket height.)
  - ② For bridge mounted sign structures installed on new bridges with railing, during design, bracket spacing must be coordinated with railing post spacing and the Contractor must install upper brackets prior to railing installation. For bridge mounted sign structures installed on existing bridges with railing, during design, brackets spacing must be coordinated with railing post spacing and the Contractor must temporarily remove sections of railing to facilitate upper bracket installation. If it is determined during design that existing railings can't be removed, alternate upper connection details must be developed for the contract plans and approved by the Bureau of Bridges and Structures.

Structure Number	Station	h (12'-0" max.)	i	j	k max. (10'-0" max.)	l max. (8'-0" max.)	m (10'-10" max.)
1B016I090R081.5	3480+56.88	9'-5"	3'-2"	2'-11"	3'-3"	1'-2"	8'-6" & 8'-0"
1B016I090L081.5	3480+56.88	10'-5"	3'-2"	2'-11"	3'-3"	1'-2"	9'-6" & 8'-6"

For Details A & B, Sections C-C and E-E, see Sheet 12.  
For Details D & E, see Sheet 13.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SAYRE AVENUE OVER I-90
NAME	DATE	
		BRIDGE MOUNTED SIGN STRUCTURES

SCALE: NONE  
DATE 1/20/09  
DRAWN BY: RWK  
CHECKED BY: PML