



Pier 1 (N and S Bearings)  
Pier 3 (N and S Bearings)

G2	G3	G4	G5	G6	G7
G13	G12	G11	G10	G9	G8
Extension Height					
1"	2 1/2"	4"	5"	6"	7 1/2"

Note: No extension required at G1 and G14.

Notes:  
Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. ASTM A307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy=36ksi). The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.

All anchor bolts shall be drilled and set in existing piers according to Article 521.06 of the Standard Specifications.

Side retainers, extensions and other steel members required for the bearing assembly shall be included in the cost of Elastomeric Bearing Assembly, Type I.

See Beam Details I sheet for additional details of plate cast with beam.

The structural steel plates of the Bearing Assembly shall conform to the requirements of AASHTO M 270 Grade 36.

All embedded and separate bearing plates, extensions, side retainers, anchor bolts, pintles, nuts and washers and shall be galvanized according to AASHTO M111 or M232 as applicable.

Galvanized coating damaged during field welding operation shall be repaired according to IDOT Standard Specifications.

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly, Type I	Each	56
Anchor Bolts, 1 1/4"	Each	112
Anchor Bolts, 1/2"	Each	4

