

Tank Farm Road Bridge

July 31, 2017



Tank Farm Road Bridge crossing Reading Railroad tracks
Emmaus, Lehigh County, PA. Photo: HAER PA123



Tank Farm Road Bridge at the City of Bethlehem Public Works storage yard



Nan Jackson



Vern Mesler



Lower chord cast iron connection with a friction fit cruciform vertical post and wrought iron round stock diagonals



Palletized cast iron sections.
Center of photo: friction fit cruciform vertical post end



Upper chord cast iron bolted connection with a friction fit cruciform vertical post attached to a cast iron rocker assembly



Upper chord cast iron rocker assembly



Upper chord bolted cast iron connection



Lower chord cast iron connection with a friction fit cruciform vertical post and wrought iron round stock diagonals (unique to vertical at center of truss)



Lower chord cast iron bolted diagonal connection with cast iron washers that have been formed to fit the curve of the cast iron assembly (see photo at right)



Lower chord cast iron bolted diagonal connection