COUNTY TOTAL SHEE NO. MARION STA. TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT SHEET NO. 2 OF 3 SHEETS Exist, Steel Rail to be Removed and Reinstalled ±20'-6" Face to Face Curb New Bridge Rail-(See Detail A) -6" x 1'-0" Decking w/ 12" Space Between Each Plank See Detail B - Exist. WF Steel Beam (Typ.) ±1'-0" ±1'-0" 5 Spaces at ±4'-0" = 20'-0" ±22'-0" CROSS SECTION THRU BRIDGE ³₄" ¢ Bolt (Countersunk) with flat washer Exist. Steel Rail to beon top, lock washer and nut on bottom Removed and Reinstalled -6" x 8" Post * (Each Plank, Each Beam). Field drill holes 1- ⁵₈" ¢ Carriage — Bolt each Post * (Typ.) in top flange. (Cost of bolts and field drilling New Timber Deckexisting steel beams included in hardware). 1-5₈" ♦ Carriage -Bolt each Post* 2-2" x 6" Braces 8" x 6" Curb (Cont.) -(Typ. Ea. Post)* 2-5₈" ∮ Carriage Bolts each 4'-0" Block -1- ⁵8" Ø Carriage 2-⁵8" ♦ Carriage Bolt each Block* Bolts each Post SUPERSTRUCTURE BILL OF MATERIAL -4" x 6" x 16" Exist. WF Steel 4" x 8" x 4'-0" Blocks with-Blocking * φ 2'-6" Scupper Openings Beam (Typ.) reated Timber F.B.M. 16795 Bridge Rail Foot 233
Hardware Remove and Re-Erect Steel Plate Beam Guardrail, Single Rail Foot 233 DETAIL B 6" x 1'-0" Decking -2-⁵8" ♦ Carriage Note: The cost of the rail post, braces, blocking, Bolts each Block* and bridge rail hardware included with "Bridge 1'-9" Exist. WF Steel --Beam (Typ.) SUPERSTRUCTURE DETAILS DESIGNED F.L.L. * Included in the cost of "Bridge Rail". THUNDER BRIDGE CHECKED M.A.H. STEPHEN FORBES STATE PARK DETAIL A F.L.L. MARION COUNTY DRAWN

PLOT DATE FILE NAME CHECKED M.A.H.

STRUCTURE NO. 061-9920