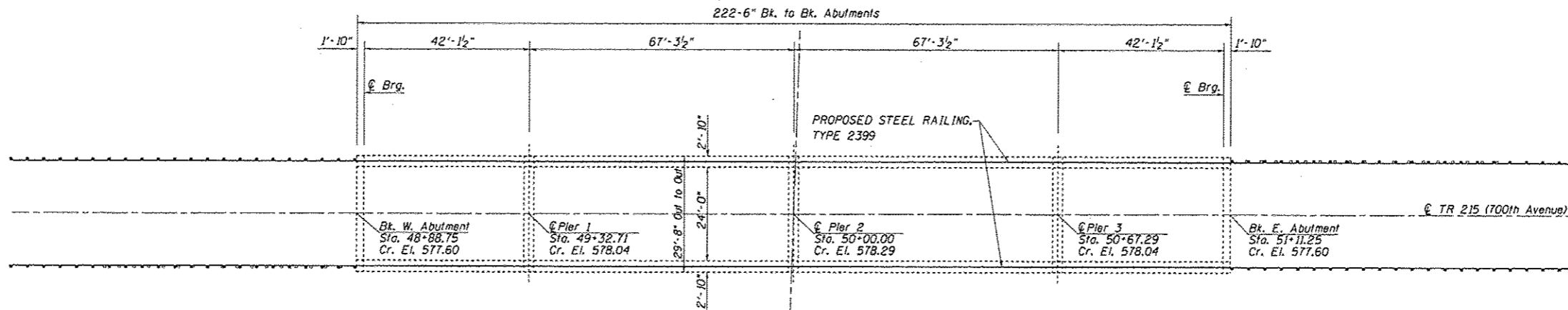
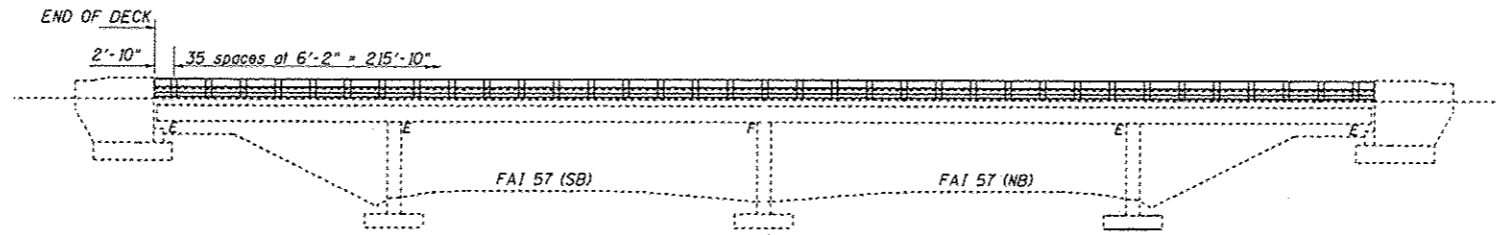


The existing four span continuous steel multi-beam structure was constructed in 1962 as TR-215 section 25-7HB of Sta. 4726+61.05, SN 025-0061 carriers TR-215 (700th Avenue). The proposed project consists of Steel Railing, Type 2399.



DESIGN STRESSES
 $f_c = 1,400$ p.s.i. Super & Sub
 $v_c = 75$ p.s.i. Footings
 $f_s = 20,000$ p.s.i. Reinf.
 $f_s = 18,000$ p.s.i. Struct.
 $n = 10$



David Carl Puzey 10/20/14
 Expires 11/30/14

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type 2399	Foot	442

FILE NAME =	USER NAME = staffennk	DESIGNED - MAD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN & ELEVATION SN 025-0061			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr:\p\work\p\uidot\staffennk\02401616\07	4628-4ht-detailed.dgn	DRAWN -	REVISED -		57	(25-6, 7)RS-2	EFFINGHAM	63	493			
Default	PLT SCALE = 1/8"=1'-0" / in.	CHECKED - VHV	REVISED -		SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.			CONTRACT NO. 74638				
	PLT DATE = 9/8/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							