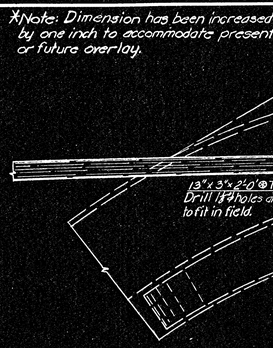
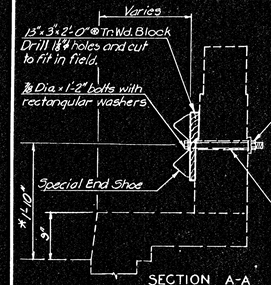
FAP/BR/RS/STP/ACTION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	(BC)96-87-044-1(28)	1978	140	143

*Note: Dimension has been increased by one inch to accommodate present or future overlay.



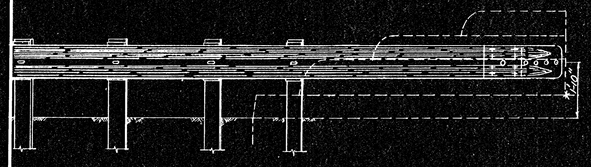
EXIT DETAIL



SECTION A-A

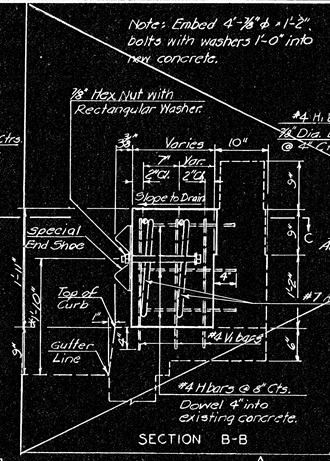
@ All wood blocks shall be given a preservative treatment of creosote or penta-solution as provided in the specifications.

NOTE: All material and labor necessary to connect the guard fence to the bridge shall be included in the unit price bid for the Cantilever Sign Structure at Sta. 415+00.

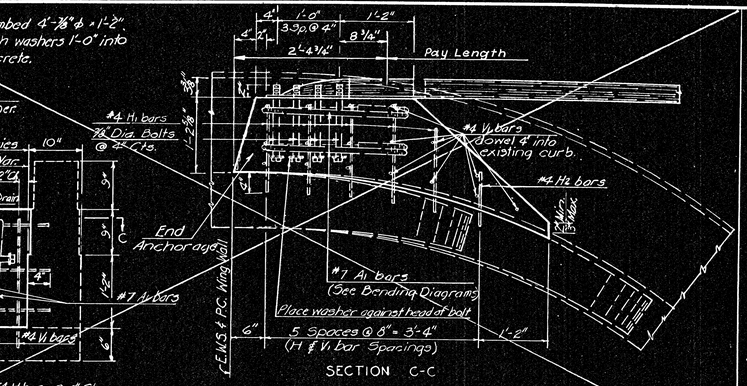


ELEVATION OF EXIT

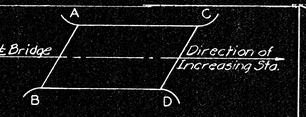
Note: Embed 4"-⅞" ϕ x 1'-2" bolts with washers 1'-0" into new concrete.



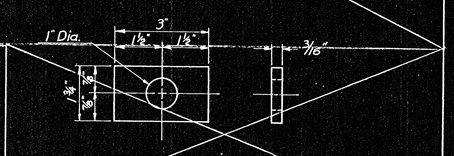
SECTION B-B



SECTION C-C



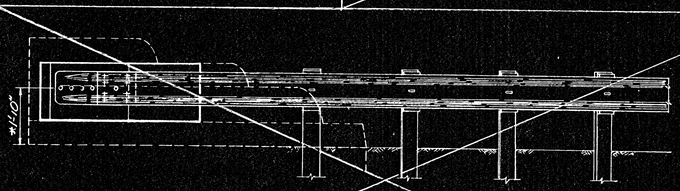
LAYOUT OF BRIDGE WORK



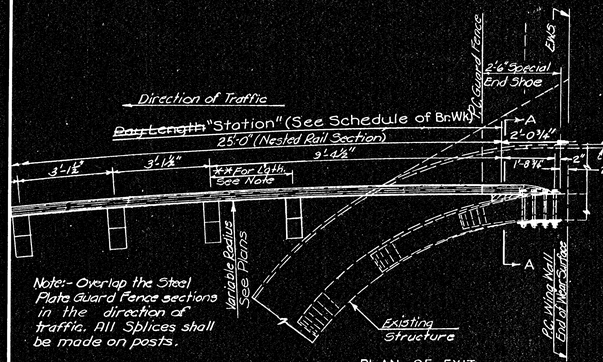
RECTANGULAR WASHER

SCHEDULE OF BRIDGE WORK		
BRIDGE NUMBER	## LOC.	PAY LENGTH "STATION"
235-87-24.33	A	415+68.69
So. Bound		

For location, see Layout of Bridge Work.



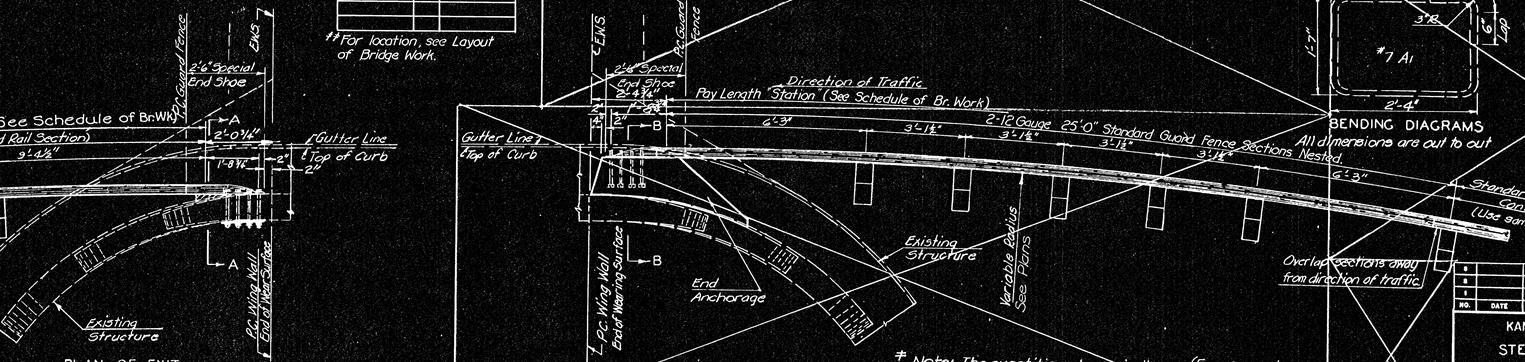
ELEVATION OF ENTRANCE



Note:- Overlap the Steel Plate Guard Fence sections in the direction of traffic. All Splices shall be made on posts.

** The Engineer shall direct the location of the nearest fence post to clear the existing structure at a distance not to exceed 6'-3" from the Pay Length slot of the Special End Shoe. A 1⅛" bolt hole shall be field drilled in the guard fence to fit construction.

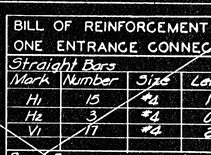
PLAN OF EXIT



PLAN OF ENTRANCE

Note: The quantities shown in the Bill of Materials were computed as an aid to the Contractor in estimating the cost of the project.

BILL OF MATERIALS # (For entrance corners)	
Class A Concrete	Cu. Yds.
Reinforcing Steel	Lbs.



BENDING DIAGRAMS

All dimensions are out to out

BILL OF REINFORCEMENT FOR ONE ENTRANCE CONNECTION			
Straight Bars			
Mark	Number	Size	Length
H₁	15	#4	1'-7"
H₂	3	#4	0'-10"
V₁	17	#4	2'-1"
Bent Bars			
Mark	Number	Size	Length
A₁	2	#7	8'-10"

NO.	DATE	REVISIONS	BY	APP'D
8				
7				
6				

KANSAS DEPARTMENT OF TRANSPORTATION

STEEL PLATE GUARD FENCE

CONNECTION TO BRIDGE

TYPE-E

SHEET NO. 140 OF 143	SCALE		APP'D	
DESIGNED	DETAILED LLG		QUANTITIES	TRACED
DESIGN CK.	DETAIL CK.		QUAN. CK.	TRACE CK.