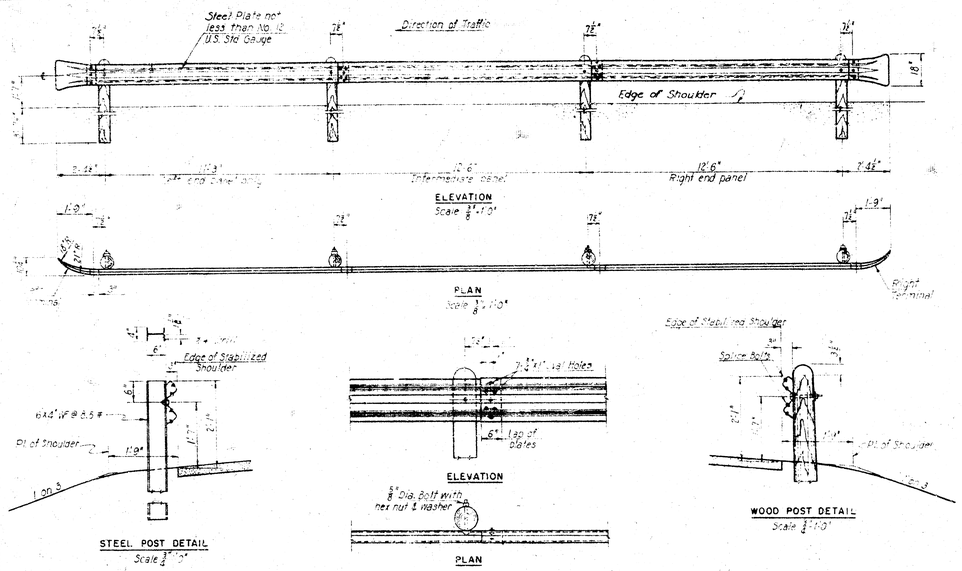
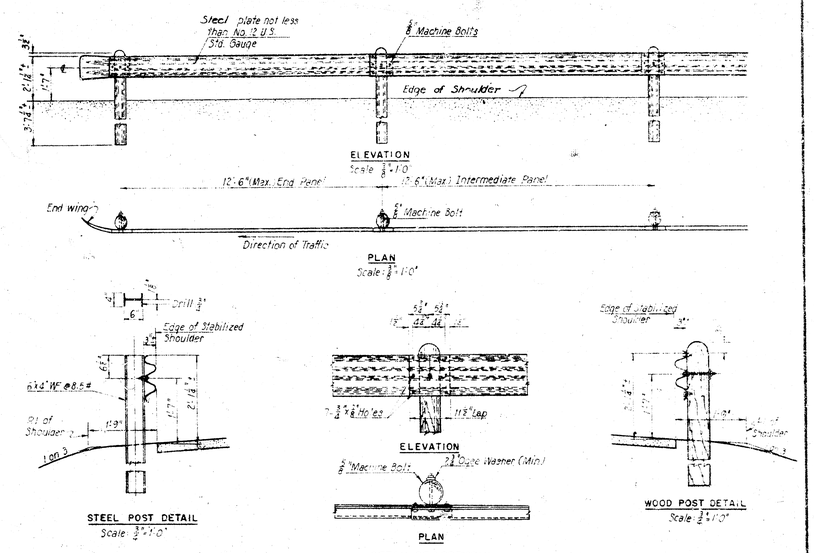


TYPE A-1 STEEL PLATE GUARD FENCE
(Barrier - Beam or Equal)



TYPE A-2 STEEL PLATE GUARD FENCE
(Flex - Beam or Equal)

GENERAL NOTES — STEEL PLATE GUARD FENCE

Steel and wood posts will be permitted on a Contract, but all posts in a single continuous run and parallel continuous runs shall be of the same type.

Wood posts shall be name topped, creosote treated, 9" to 8" in diameter and have a minimum length of 6'0". The posts and the preservative treatment shall conform to the requirements of the specifications. All cuts, injuries and bolt holes, shall be thoroughly saturated with hot creosote oil.

Creosote treated wood posts for Steel Plate Guard Fence shall not be painted.

Steel posts shall be structural grade steel, 6"X4" WF section, weighing 8.5 lbs. per lineal foot and shall have a minimum length of 5'-0".

Steel posts shall be given one (1) shop coat of red lead paint. That portion of the post remaining above the finished shoulder surface after erection shall be given one (1) field coat of white paint tinted gray followed by one (1) field coat of black paint. All paint materials shall conform to the requirements of the specifications.

Post holes for wood posts shall be augered to the full required depth. The Contractor shall have the option of augering the post holes for steel posts full depth or only augering through the base and sub-base courses and then driving the steel post the remaining required distance. The augered post hole shall be a minimum of 10" in diameter. Driving of wood posts will not be permitted.

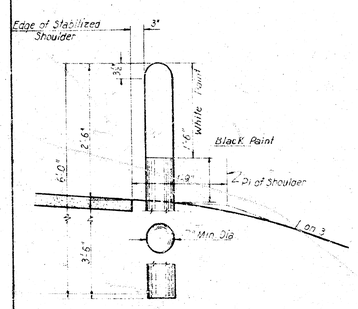
The Contractor shall grout in all posts, both wood and steel. Grout shall consist of one part Portland Cement and four parts mixed aggregate with sufficient water to form a plastic mix. The grout shall be poured and rodded so as to completely fill all voids in the hole.

Steel plate rails other than those shown will be permitted provided that the gauge is not less than No. 12 U.S. Standard and the rail consists of two corrugations not less than 3" or more than 4" deep with three contact surfaces at the post. The rail must also conform to the other physical requirements of the specifications. Only those holes required for splices and connections to the post will be permitted.

Only one type of steel plate rail shall be used on a Contract.

All bolts and fittings shall be galvanized in accordance with the specifications. Galvanized parts need not be painted.

The steel plate rail shall be thoroughly cleaned and shop painted with one (1) coat of "Red Guard Fence" paint or approved equal. The shop coat shall be thoroughly dry before the parts are handled or packed for shipment. The steel plate rail shall be given one (1) field coat of white paint tinted gray followed by one (1) field coat of white paint untinted. All paint materials shall conform to the requirements of the specifications.



WOOD GUIDE POSTS

GENERAL NOTES — GUIDEPOSTS

Guideposts shall be dome topped wood posts [illegible] in diameter with a minimum length of 6'-0". The posts shall be pentachlorophenol treated in accordance with the requirements of the specifications.

The top eighteen (18) inches of the post shall be given one (1) field coat of white paint tinted gray followed with one (1) field coat of white paint untinted. The remainder of the post above the finished shoulder surface shall be given one (1) field coat of black paint.

Post holes for guideposts shall be augered to the full required depth and be a minimum of 10" in diameter. The posts shall be placed by grouting in. Grout shall consist of one part Portland Cement [illegible] parts mixed aggregate with sufficient water to form a plastic mix. The grout shall be poured and rodded so as to completely fill all voids in the hole.

Driving of guideposts will not be permitted.

NO.	REVISION	BY	DATE
4	Deleted reflectorized aluminum strip and revised General Notes.	DLR	9-6-55
3	Deleted "Tuthill" Guard Fence.	DLR	8-23-55
2	Changed Guard Rail to "Guard Fence."	KES	5-5-55
1	Added Steel Posts	[illegible]	[illegible]

KANSAS TURNPIKE AUTHORITY

KANSAS TURNPIKE

OKLAHOMA BORDER TO KANSAS CITY

STANDARD STEEL PLATE GUARD FENCE AND WOOD GUIDE POSTS

[illegible]

STANDARD DRAWING NO. 18