JOINTS TO MATCH JOINT TYPE AND 7' MIN.

2'-6" SPACING IN CONCRETE BARRIER FROM 2' JOINT

ELEVATION

CONCRETE GLARE SCREEN

GLARE SCREEN AT MEDIAN OBSTRUCTIONS

CONCRETE GLARE SCREEN CONNECTS TO MEDIAN OBSTRUCTIONS

SECTION H-H

SECTION J-J

SECTION E-G

SECTION F-F

SECTION G-G

ELEVATION

PLAN

THREE BEAM (DR USE DOUBLE THREE BEAM IF THE DIRECTION OF TRAFFIC IS OPPOSITE OF THAT SHOWN ON THIS SIDE)

STANDARD PLAN NO. M-606-13

GUARDRAIL TYPE 7 F-SHAPE BARRIER

Issued by the Project Development Branch: July 31, 2019

Project Sheet Number: 

STANDARD SHEET NO. 2 of 4
TREATMENT BETWEEN COLUMNS OR OBSTRUCTIONS

OBSTRUCTION WIDER THAN 3 FT.

- 1⁄2 prefabricated joint material
- Pier columns, ties, support posts, concrete wall or similar obstructions.

OBSTRUCTION 3 FT. WIDE OR LESS

HAZARDS IN NARROW MEDIANS

NOTES
1. The design in these applications shall be prepared in a spirit compatible with the adjacent examples and a 30:1 flare slope.
2. The pay length for barrier in both sides of an obstruction shall be determined by the linear measurement along the guardrail centerline. The overall and gap between columns or obstructions shall not be measured. The pay for separately but shall be included in the work.
3. Guardrail between columns of obstructions may be styles CD or CA as shown in the plans.
NOTES
1. TWO FT. IS DESIRABLE FOR THIS DIMENSION WITH A 4 FT. LEFT SHOULDER.
   THE MINIMUM IS 0 FT., WHICH IS ACCEPTABLE FOR A 6 FT. OR WIDER
   SHOULDER.
2. RATE OF SLOPE DEPENDS ON GUARDRAIL LOCATION:
   A. FOR GUARDRAIL FACE 2 FT. OR LESS FROM THE NORMAL EDGE
      OF THE PAVED SHOULDER, CONTINUE THE RATE OF SLOPE OF
      THE PAVED SHOULDER TO THE BREAKPOINT.
   B. FOR GUARDRAIL FACE MORE THAN 2 FT. FROM THE NORMAL
      EDGE OF THE PAVED SHOULDER, THE SLOPE SHALL BE FLATTER.
3. IF THE DISTANCE FROM THE EDGE OF GUARDRAIL TO THE OBSTRUCTION
   EXCEEDS 4 FT.-7 IN., TYPE 3-W BEAM GUARDRAIL MAY BE
   SPECIFIED ON THE PLANS INSTEAD OF TYPE 7 (SEE PLANS, AND
   DETAIL BELOW).
4. STYLE CB BARRIERS ARE SHOWN. STYLE CD MAY BE USED AS
   APPROPRIATE. SEE SHEET 2 FOR TYPE 7 TO SINGLE TYPE 3G
   TRANSITION.
5. THE GUARDRAIL LENGTH DIMENSION "N" IS THE LENGTH AS
   DETERMINED BY THE LENGTH OF NEED COMPUTATION AND AS
   SHOWN ON THE PLANS. MINIMUM SHALL BE 12 FT.-6 IN. WHERE SITE
   CONDITIONS ALLOW.

Hazardous Roadside Conditions

GUARDRAIL TYPE 7
F-SHAPE BARRIER

Issued by the Project Development Branch: July 30, 2019

STANDARD PLAN NO. M-606-13
Standard Sheet No. 4 of 4