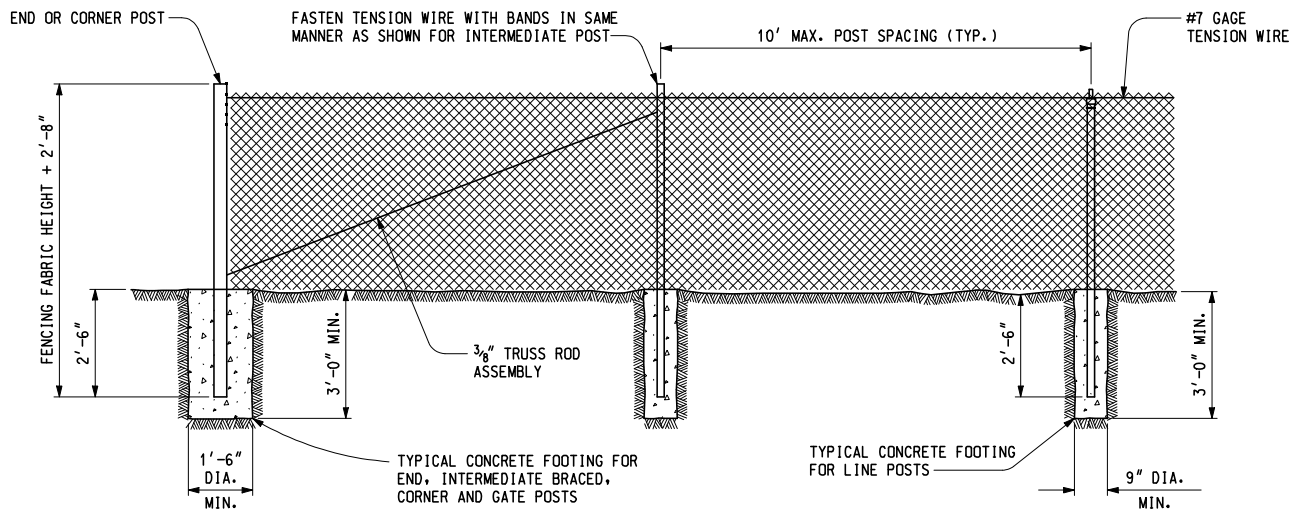
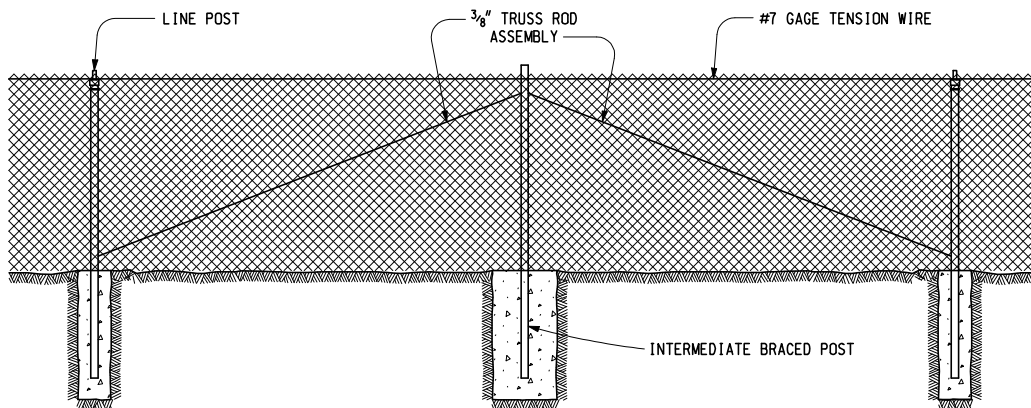
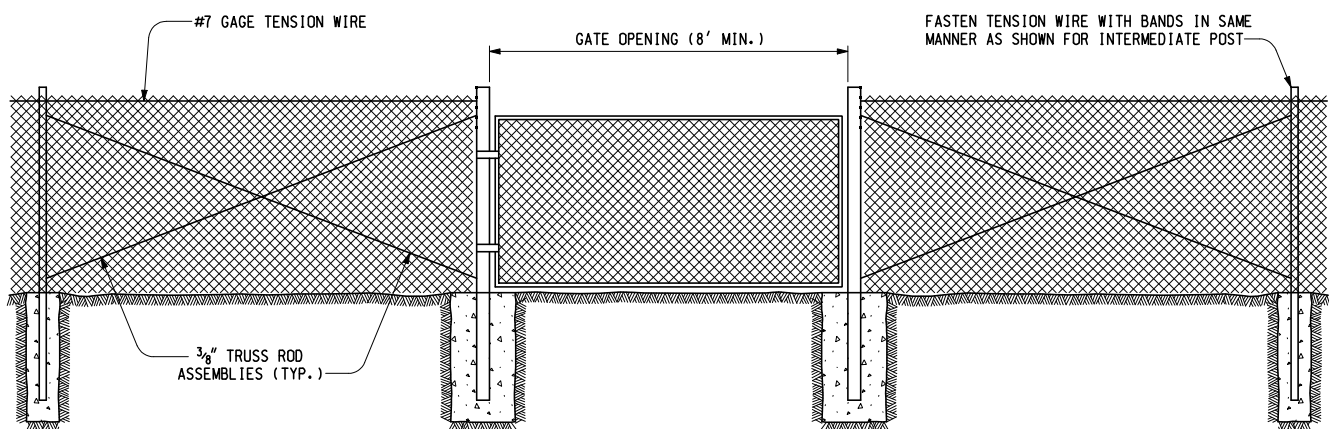




END OR CORNER POST



INTERMEDIATE POST



GATE



PREPARED
BY
DESIGN DIVISION

DRAWN BY: B.L.T.

CHECKED BY: W.K.P.

ENGINEER OF CONSTRUCTION & TECHNOLOGY

Carvin Roberts
ENGINEER OF MAINTENANCE

John S. Dabbert
ENGINEER OF TRAFFIC AND SAFETY

ENGINEER - ROAD DESIGN

Gregory J. Rosine
ENGINEER OF DESIGN

DEPARTMENT DIRECTOR
Gregory J. Rosine

BY: Gregory J. Rosine
CHIEF ENGINEER/DEPUTY DIRECTOR
BUREAU OF HIGHWAY TECHNICAL SERVICES

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAY TECHNICAL SERVICES STANDARD PLAN FOR

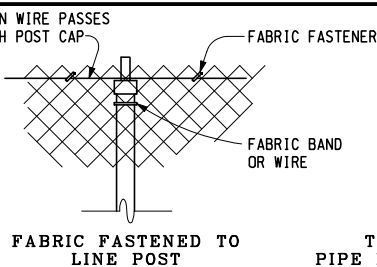
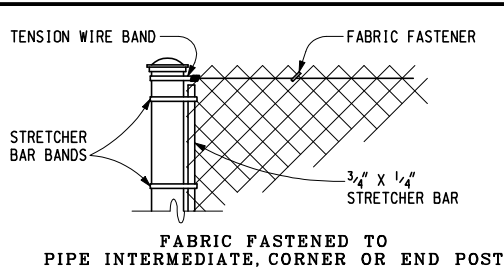
CHAIN LINK FENCE
(USING TENSION WIRE)

9-14-2001
F.H.W.A. APPROVAL

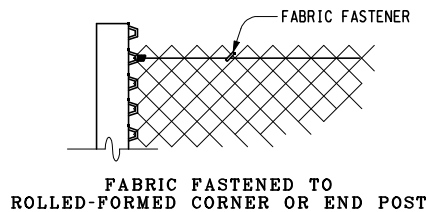
3-20-2001
PLAN DATE

R-98-B

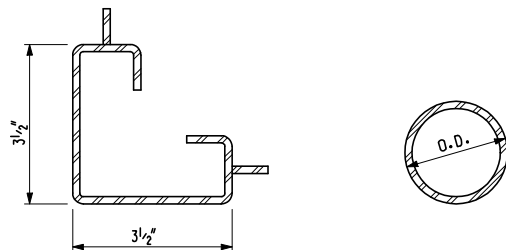
SHEET
1 OF 2



TENSION WIRE FASTENED TO PIPE INTERMEDIATE OR CORNER POST

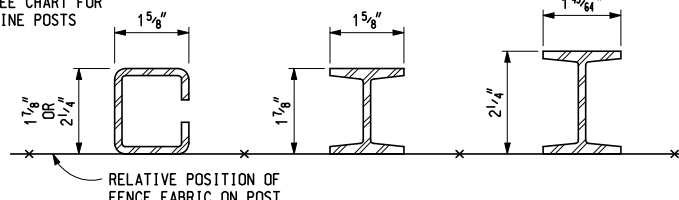


TENSION WIRE FASTENED TO ROLLED-FORMED INTERMEDIATE OR CORNER POST



"ROLLED-FORMED CORNER" SECTION "PIPE" SECTION

* SEE CHART FOR LINE POSTS



"C" SECTION

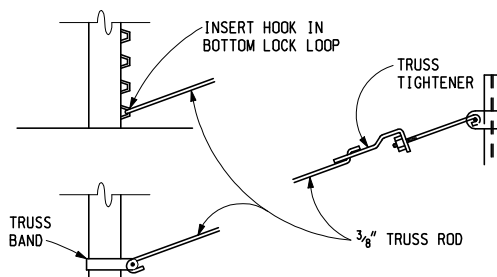
"H" SECTION

"H" SECTION

PIPE SIZE REQUIREMENTS FOR CHAIN LINK FENCE GATE POSTS AND FRAMES			
USE FOR	GATE WIDTH (FEET)	SHAPE	* SIZE, INCHES NOMINAL (ACTUAL O.D.)
GATE POSTS	6 OR LESS	PIPE	2 1/2 (2.875)
	7 TO 13	PIPE	3 1/2 (4.000)
	14 TO 18	PIPE	6 (6.625)
GATE FRAMES	6 OR LESS	PIPE	1 1/4 (1.660)
	7 TO 18	PIPE	1 1/2 (1.900)

* POSTS AND GATE FRAMES SHALL MEET THE SPECIFIED NOMINAL WEIGHTS PER LFT AND CORRESPONDING A.S.T.M. SPECIFICATIONS SHOWN IN THE CURRENT STANDARD SPECIFICATIONS.

SIZE AND SHAPE REQUIREMENTS FOR CHAIN LINK FENCE POSTS			
USE FOR	FABRIC HEIGHT INCHES	SHAPE	* SIZE, INCHES NOMINAL (ACTUAL O.D.)
END, CORNER, ANGLE, INTERSECTION, AND INTERMEDIATE BRACED POSTS	120 OR LESS	PIPE	2 1/2 (2.875)
		ROLL-FORMED CORNER	3 1/2" X 3 1/2"
LINE POSTS	120 OR LESS	PIPE	2 (2.375)
		H-SECTION	1 7/8 X 1 5/8
		H-SECTION	2 1/4 X 1 45/64
		C-SECTION ROLLED-FORMED	2 1/4 X 1 5/8
	72 OR LESS	C-SECTION ROLLED-FORMED	1 7/8 X 1 5/8
	60 OR LESS	PIPE	1 1/2 (1.900)



3/8" TRUSS ROD ASSEMBLY

NOTES:

ALL CHAIN LINK FENCING MATERIALS SHALL BE: OF AN APPROVED DESIGN, MANUFACTURED OF STEEL, AND CONFORM TO THE REQUIREMENTS OF THE CURRENT STANDARD SPECIFICATIONS.

INTERMEDIATE BRACED POSTS SHALL BE PLACED AT 660' INTERVALS OR MIDWAY BETWEEN END OR CORNER POSTS WHEN DISTANCE IS LESS THAN 1320' AND MORE THAN 660'.

FENCE FABRIC SHALL BE SECURELY FASTENED TO TOP TENSION WIRE WITH FASTENERS SPACED NOT MORE THAN 1'-3" APART. IF HOG RINGS ARE USED FOR FABRIC FASTENERS, THEY SHALL BE 12-GAGE TIGHTLY CRIMPED ABOUT BOTH THE TENSION WIRE AND THE FABRIC WIRE OR 11-GAGE IF UNCRIMPED. FENCE FABRIC SHALL BE FASTENED TO THE POSTS USING METAL BANDS OR WIRES SPACED NOT MORE THAN 1'-0" APART. THE WIRE SHALL NOT BE LESS THAN 12-GAGE.

TENSION WIRE SHALL BE STRETCHED TAUT.

TOP AND BOTTOM SALVAGES OF FENCE FABRIC SHALL HAVE A KNUCKLED FINISH.

ALTERNATE POST SECTIONS MAY BE SUBMITTED FOR APPROVAL BY THE ENGINEER.

INTERMEDIATE LENGTHS OF FENCING LESS THAN (660') WITH VARIABLE HEIGHTS SHOULD BE AVOIDED IF POSSIBLE.

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAY TECHNICAL SERVICES STANDARD PLAN FOR

CHAIN LINK FENCE (USING TENSION WIRE)

9-14-2001
F.H.W.A. APPROVAL

3-20-2001
PLAN DATE

R-98-B

SHEET
2 OF 2