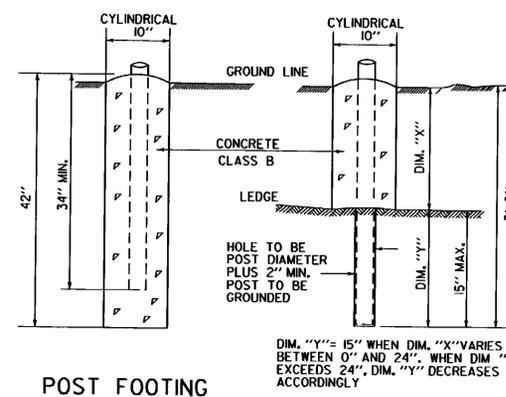
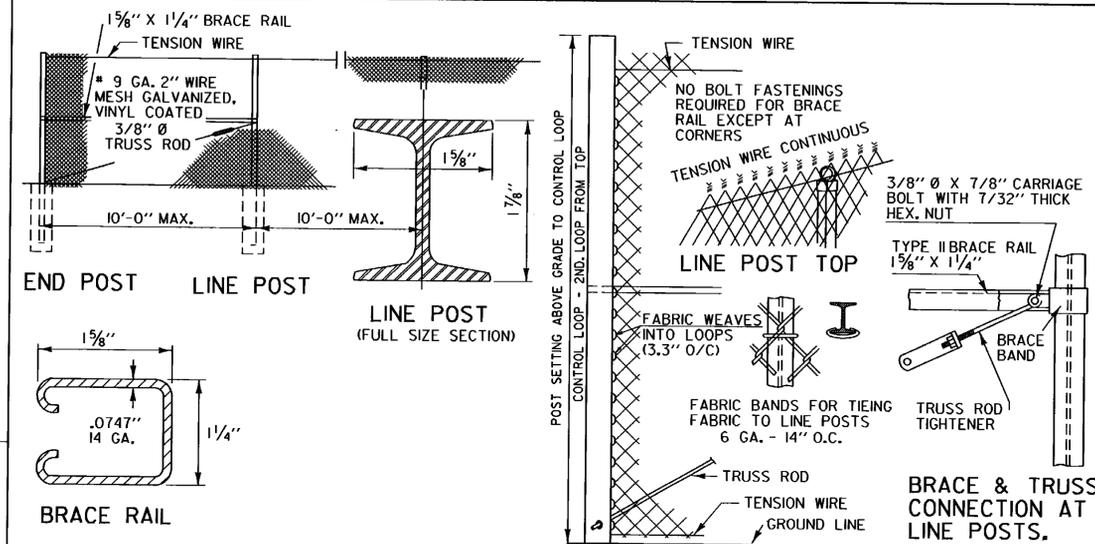


INSTALLATION METHOD OF PROTECTIVE GROUNDING AT POWER LINE CROSSINGS



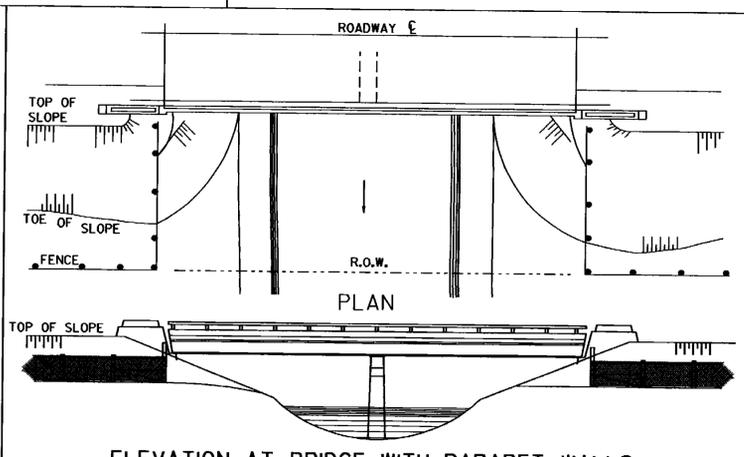
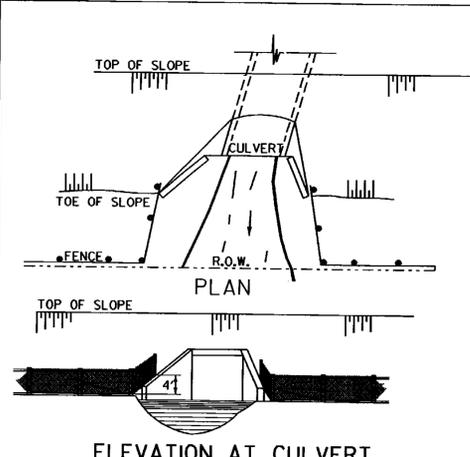
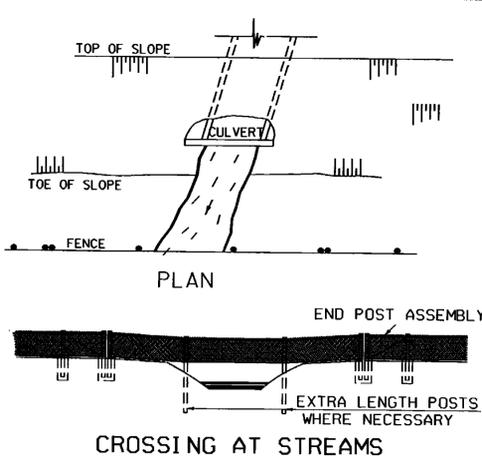
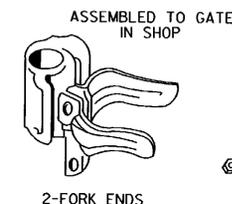
POST FOOTING



BRACE RAIL

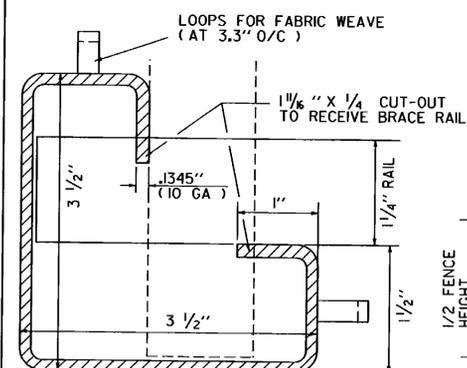


WHERE FENCE LINE HAS A CHANGE IN DIRECTION OF 15 DEGREES OR MORE, CORNER POSTS WITH BRACING SHALL BE ERECTED. WHERE ANGLE IN FENCE LINE IS LESS THAN 15 DEGREES AND EXISTING CONDITIONS REQUIRE TERMINAL OR CORNER POSTS, THEY SHALL BE ERECTED AS DIRECTED BY THE ENGINEER.

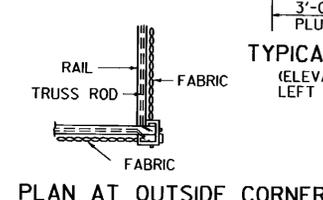
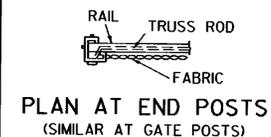


GENERAL NOTES

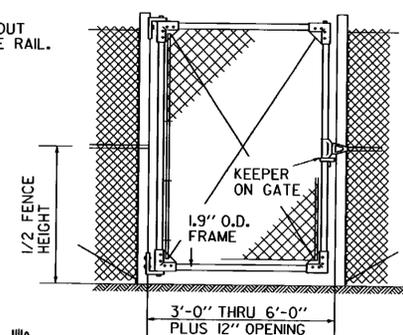
- HEIGHT - AS NOTED ON PLANS
- FABRIC - CHAIN LINK, 2" MESH, # 9 GAUGE (0.148" DIAMETER) WIRE, TOP AND BOTTOM SELVAGES SHALL BE BARBED. BOTTOM SELVAGE SHALL BE 2" ABOVE THE GROUND LINE, TOP SELVAGE SHALL BE 1" ABOVE THE TENSION WIRE. WHERE FENCE IS 4' THE TOP EDGE SHALL BE KNUCKLED.
- LINE POSTS - 1 7/8" x 1 5/8" H" POSTS, 2.7 LBS./FT. FOR FENCE LESS THAN 6'-0" IN HEIGHT. 2" x 2 1/4" H" POSTS, 4.1 LBS./FT. FOR FENCE 6'-0" AND OVER.
- TERMINAL POSTS - SEE DRAWINGS.
- POST SPACING - POSTS SHALL BE SPACED EQUIDISTANT ON A MAXIMUM OF 10 FEET CENTER TO CENTER EXCEPT GATE POSTS, WHICH SHALL BE SPACED ACCORDING TO THE REQUIRED GATE OPENING.
- POST FOOTINGS - ALL POSTS SHALL BE SET TO A DEPTH OF TWO (2) FEET 10 INCHES IN A 10" CYLINDRICAL SHAPED HOLE 3'-6" DEEP FILLED WITH CONCRETE. ALL FITTINGS AND HARDWARE SHALL BE AS SHOWN ON THIS SHEET OR EQUAL.
- TENSION WIRE - SHALL BE 9 GAUGE WIRE ATTACHED 1" BELOW TOP SELVAGE AND 2" ABOVE BOTTOM SELVAGE OF FABRIC BY MEANS OF 11 GAUGE HOG RINGS ON 24" CENTERS.
- GATE FRAMES - SHALL BE 1.90" O.D. PIPE CONNECTED WITH FITTINGS AND RIVETED AT EACH CORNER. EACH FRAME HAS 3/8" DIAMETER ADJUSTABLE TRUSS RODS. GATES HAVE POSITIVE TYPE LATCHING DEVICES WITH PROVISIONS FOR PADLOCKING; AND DRIVE GATES HAVE A CENTER PLUNGER ROD, CATCH AND SEMI-AUTOMATIC OUTER CATCHES.



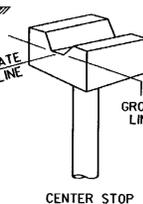
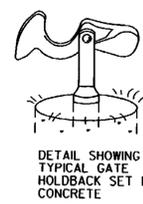
TERMINAL POSTS



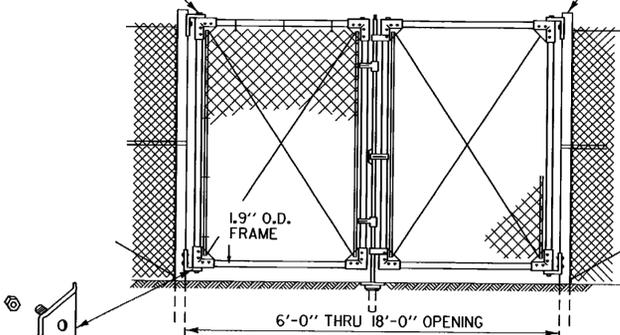
REVERSE HINGES WHEN REQUIRED FOR RIGHT HAND GATES OR 180° SWING-OUT.



TYPICAL SINGLE GATE



TOP HINGE



TYPICAL DOUBLE GATE

POSTS FOR SINGLE SWING GATE		
OPENING	POST SIZE	WGT./L.F.
UP TO 6'	3 1/2" x 3 1/2" *	5.14 LBS.
OVER 6' TO 13'	4 O.D.	9.11 LBS.
OVER 13' TO 18'	6 3/8" O.D.	18.97 LBS.
OVER 18'	8 3/8" O.D.	24.70 LBS.

* ROLL FORMED SECTION

REVISIONS AND CORRECTIONS

- DEC. 6, 1971- ORIGINAL APPROVAL DATE
- JULY 28, 1975- VINYL COATED FABRIC ADDED
- FEB. 1, 1979- CHANGE TOP RAIL TO TENSION WIRE
- MARCH 19, 1979- TORQUE ARM DETAILS REMOVED
- JUNE 1, 1994 - REISSUED, WITHOUT CHANGE, UNDER NEW SIGNATURES.

APPROVED

APPROVED FOR THIS PROJECT AND/OR DESIGN IMPLEMENTATION. FHWA FINAL APPROVAL PENDING.

Stephen A. MacArthur, P.E.
DIRECTOR OF ENGINEERING
Robert M. Murphy, PE
DESIGN ENGINEER

CHAIN LINK FENCE, TYPE II
DRIVE GATE FOR CHAIN-LINK FENCE, TYPE II
WALK GATE FOR CHAIN-LINK FENCE, TYPE II



STANDARD
F-4