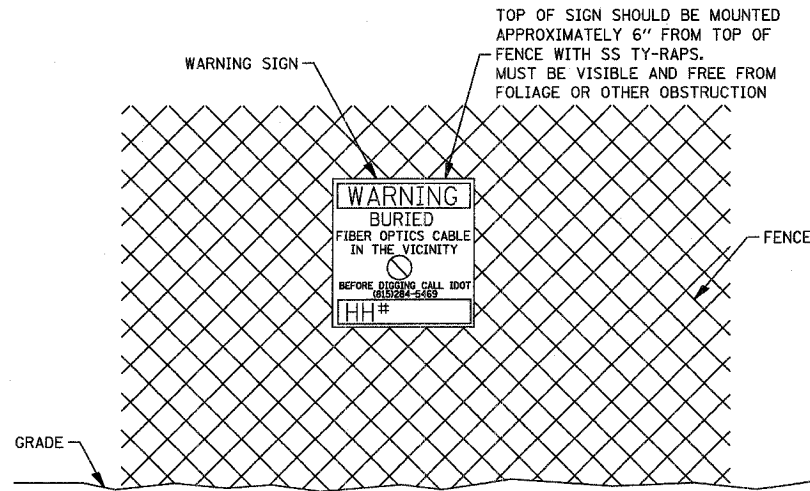
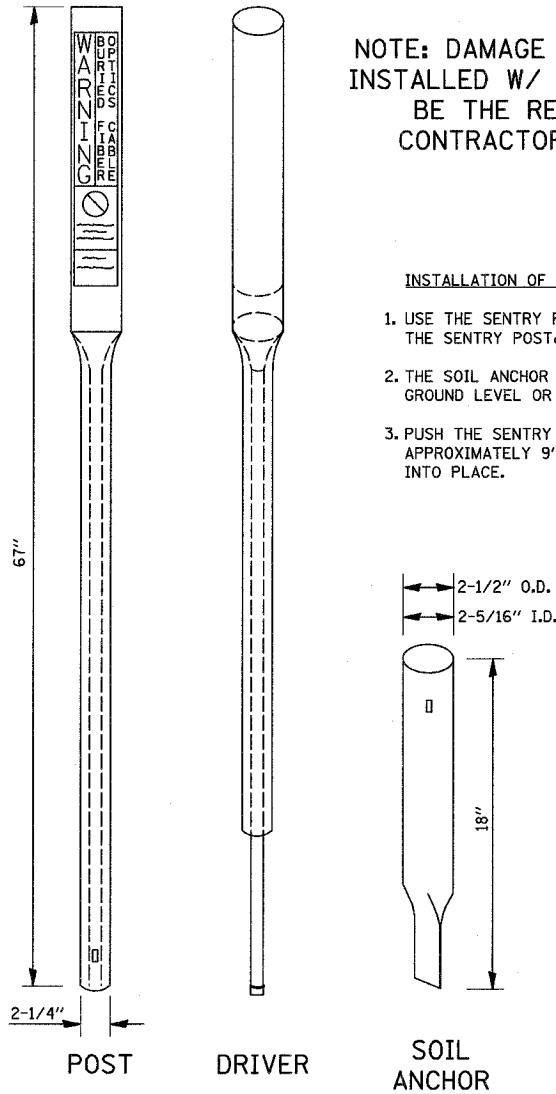


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	141 / 201	*	46	40
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*OGLE / WINNEBAGO				

NOTE: DAMAGE TO SOIL ANCHORS NOT INSTALLED W/ APPROVED DRIVER WILL BE THE RESPONSIBILITY OF CONTRACTOR FOR REPLACEMENT

INSTALLATION OF WARNING POST

1. USE THE SENTRY POST DRIVER TO RAPIDLY INSTALL THE SENTRY POST IN MOST SOIL CONDITIONS.
2. THE SOIL ANCHOR IS DRIVEN UNTIL FLUSH WITH GROUND LEVEL OR SLIGHTLY BELOW THE SURFACE.
3. PUSH THE SENTRY POST DOWN INTO THE ANCHOR APPROXIMATELY 9", THEN PULL UP UNTIL IT LOCKS INTO PLACE.

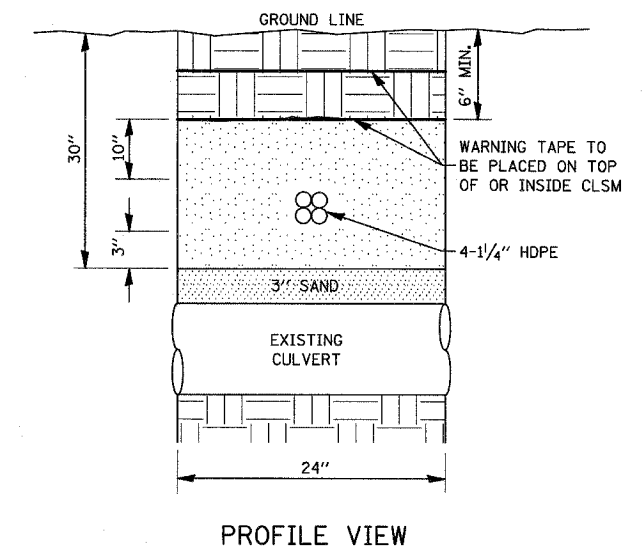
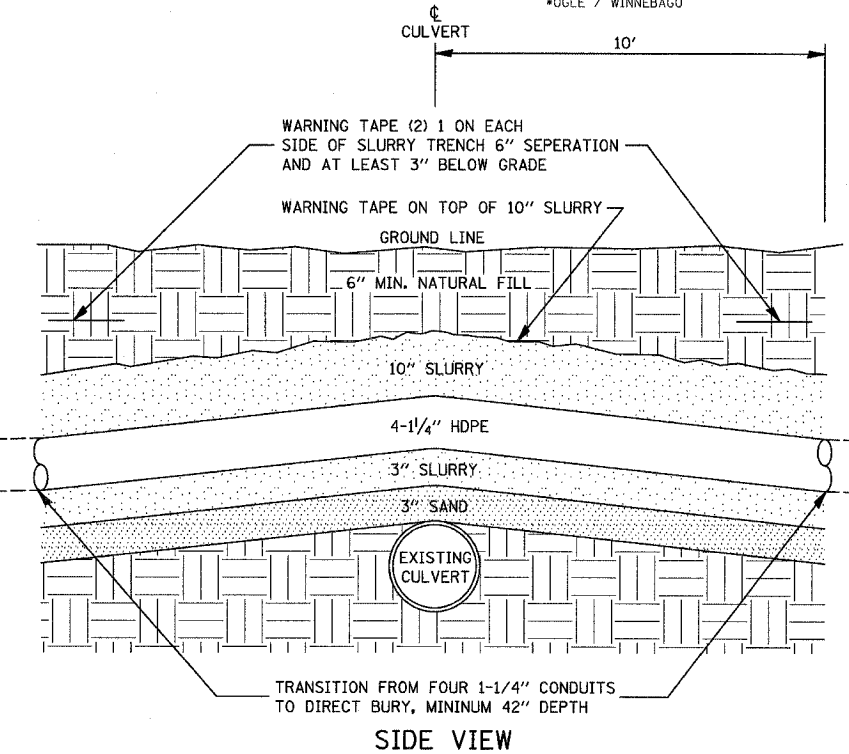


FENCE MOUNTED WARNING SIGN NOTES

1. ROUTE MARKER TO BE PLACED 1 FOOT FROM HANDHOLE OR AT FENCE LINE IF POSSIBLE.
2. HANDHOLES SHALL BE BACKFILLED ONLY TO THE TOP OF THE BOX. FLUSH TO GROUND.
3. COIL FIBER CABLE IN HANDHOLE ENSURING THAT THE BEND RADIUS DOES NOT EXCEED VALUES IN TABLE "A".
4. INSTALL GROUND ROD & CAD-WELD AS PER MANUFACTURE'S INSTRUCTIONS. PLACE THE #6 GROUND WIRE (TYPE XHHW, STRANDED, GREEN INSULATED) THAT HAS BEEN ATTACHED TO THE GROUND ROD ON THE CENTER LUG OF THE WARNING SIGN. GROUND RODS AND GROUND WIRES INCLUDED IN THE COST OF HANDHOLE INSTALLATION.
5. BACKFILL MATERIAL SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER.
6. GROUND WIRE SHALL BE BONDED TO BOTH SHEATHS OF ARMORED FIBER OPTIC CABLE IN THE SPLICE ENCLOSURE USING #6 GROUND WIRE. EACH GROUND SHALL BE ISOLATED WITHIN THE ENCLOSURE.
7. INSTALL 1-1/4" HDPE CONDUIT FROM HANDHOLE TO WARNING SIGN TO ALLOW GROUNDING CABLE TO BE INSTALLED.
8. REFERENCE TYPICAL DRAWING FOR HANDHOLE INSTALLATION
9. PLACE 1-1/4" HDPE OVER FIBER OPTIC CABLE TO PROVIDE CRUSH PROTECTION, EXTEND HDPE 1' INSIDE HANDHOLE.
10. NO HANDHOLES WILL BE ALLOWED IN PAVED ROADWAYS OR SHOULDERS.
11. THE TOPS OF ALL HANDHOLES SHALL BE FLUSH WITH THE ADJACENT SLOPES.
12. A WARNING SIGN/LOCATE SIGN IS REQUIRED AT ALL HANDHOLES, AND IS INCLUDED IN COST OF HANDHOLE INSTALLATION.
13. FOR ALL SPLICE AND HANDHOLES, NUMBER DECALS WILL BE APPLIED AFTER INSTALLATION IS COMPLETED AND AT THE DIRECTION OF THE ENGINEER.

TABLE "A"

FIBER COUNT	MINIMUM BEND RADIUS (AT REST)
24F	6"
48F	6"
72F	8"
96F	8"
144F	10"
188F	10"
288F	10"
432F	10"
864F	11"



EXISTING CULVERT CROSSING

LOCATION OF CROSSING UTILITIES FOR REFERENCE ONLY, PLEASE CALL ALL APPLICABLE UTILITY LOCATORS FOR EXACT LOCATION PRIOR TO DIGGING OR TRENCHING.

DETAILS

HANDHOLE AND LOCATE MARKER LOCATION AND WARNING SIGN INSTALLATION PROCEDURE

