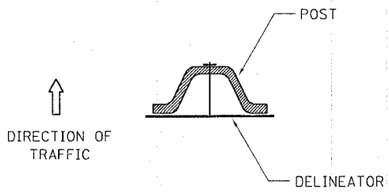
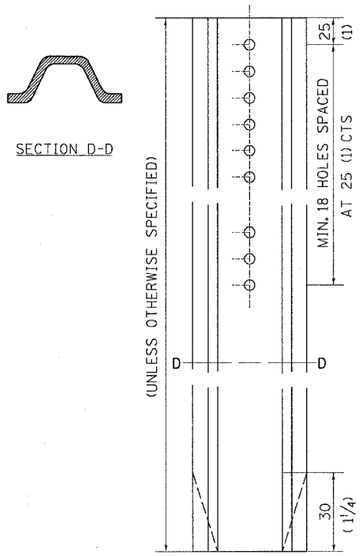
DELINEATOR AND POST ORIENTATION



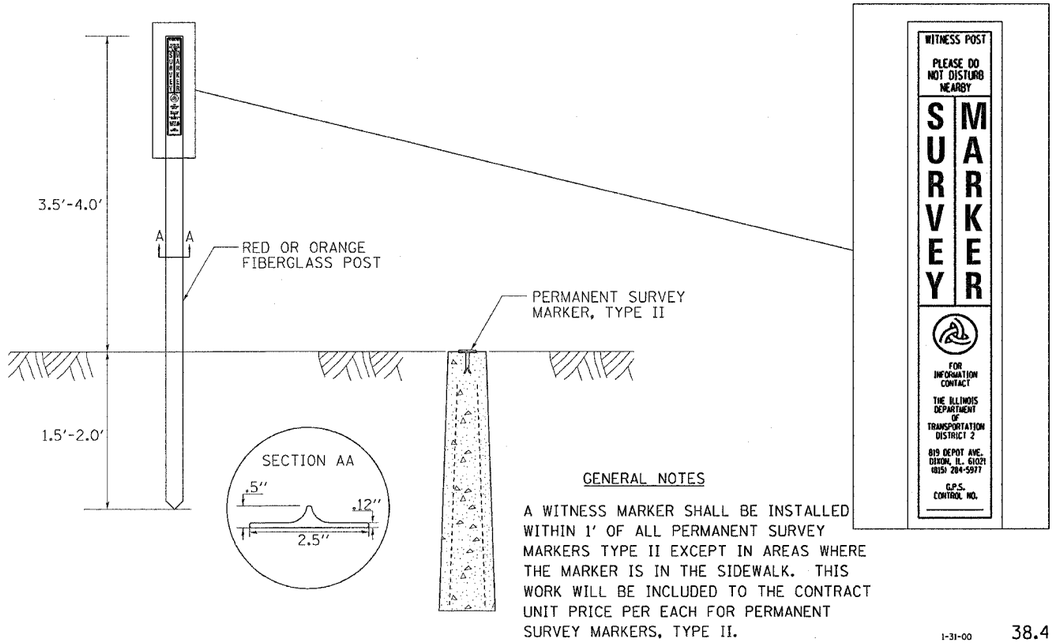


DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180° . THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHECD AS SHOWN ABOVE.

WITNESS MARKER FOR PERMANENT SURVEY MARKERS TYPE II

CONTRACT NO. 64178

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
549	116RS-1	OGLE	593	240
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



GENERAL NOTES

A WITNESS MARKER SHALL BE INSTALLED WITHIN 1' OF ALL PERMANENT SURVEY MARKERS TYPE II EXCEPT IN AREAS WHERE THE MARKER IS IN THE SIDEWALK. THIS WORK WILL BE INCLUDED TO THE CONTRACT UNIT PRICE PER EACH FOR PERMANENT SURVEY MARKERS, TYPE II.

1-31-00

DETAIL OF CONCRETE STEPS

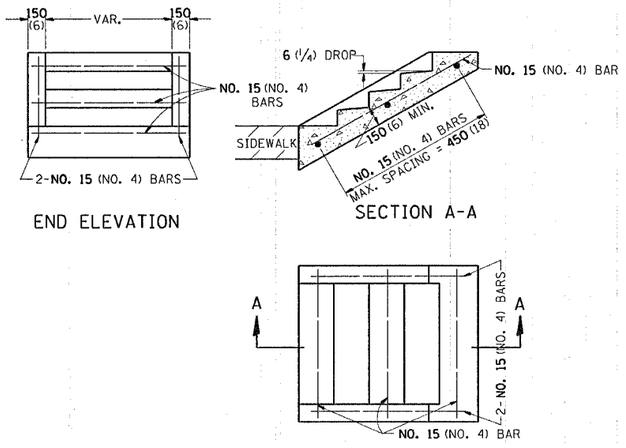


TABLE OF TREADS & RISERS		
SLOPE	TREAD	RISER
1:2	300 (12)	150 (6)
1:3	375 (15)	125 (5)
1:4	425 (17)	106 (4 1/4)

WHERE SLOPES FALL BETWEEN THOSE SHOWN IN THE TABLE ABOVE, THE STAIR RAIL SHOULD FIT THE SLOPE AND THE TREAD IN **mm** (INCHES) x THE RISER IN **mm** (INCHES) SHOULD BE BETWEEN **45000** (72) AND **48750** (78).

EXAMPLE:

FOR A 1:4 SLOPE USE y = RISER HEIGHT $4y^2 = 46875$ (75).
SOLVING $y^2 = \frac{46875}{4}$ (75), y= **108** (4.3) (USE **106** (4 1/4) FOR CONVENIENCE.)

TREAD WOULD THEN BE **106** (4 1/4)x 4 = **424** (17)

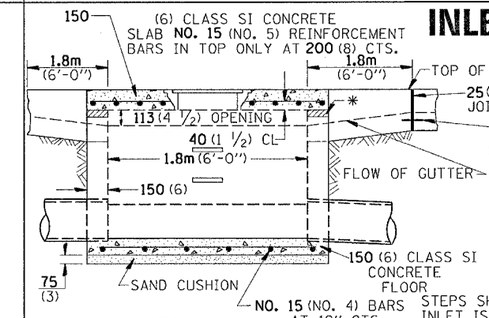
COST OF REINFORCEMENT BARS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER **Kg** (LBS) REINFORCEMENT BARS.

CLASS SI CONCRETE SHALL BE USED THROUGHTOUT, WHICH SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER **CUBIC METER (CUBIC YARD) FOR CLASS SI CONCRETE (MISCELLANEOUS).**

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED 2-26-93

INLET SPECIAL NO. 3



STEPS AT **300**(12) TO **400**(16) CTS. **200**(18)

* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.

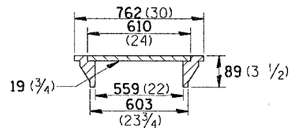
THE HEIGHT OF THE BOX MAY BE CONSTRUCTED **150** (6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS.

25 (1) PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET.

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED TROUGHOUT.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.

LIGHT WEIGHT MANHOLE CASTING



TOTAL WEIGHT **73 KG.** (160 LBS.)

NOTES

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 1.5 m (5 ft.)

THE INLET SHALL BE CAST IN PLACE OR PRECAST.
SEE STANDARD 602701 FOR DETAILS OF STEPS.
EXCEPT AS NOTED HEREON INLET SPECIAL NO. 3 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

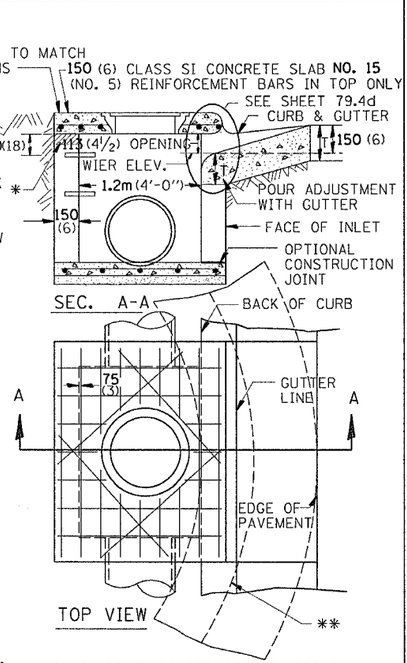
THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 3 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED).

THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET.

THE CURB AND GUTTER ADJACENT TO AND **1.8m** (6 FT) ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

SLOPE TOP SLAB TO MATCH FINAL CONDITIONS



** WHEN INLET IS CONSTRUCTED IN RETURN, THE TOP OF SLAB SHALL CONFORM TO THE RADIUS OF THE RETURN.

REVISED 11-10-94