DISTRICT STANDARDS

THRUST BLOCK DETAILS

T.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.		TO STA.		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

BRACE PLUG AGAINST UNDISTURBED EARTH

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

REDUCING CROSS   PLUGGED CROSS   90° ELBOW

TEE

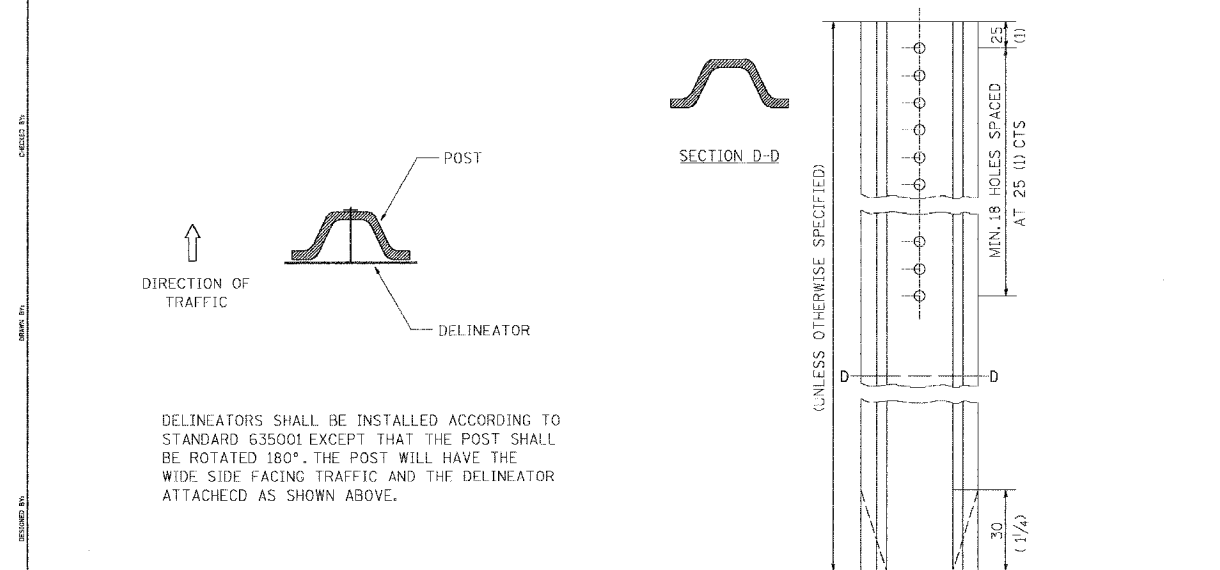BRACE PLUG AGAINST UNDISTURBED EARTH
PLUGGED TEE

VERTICAL BEND

NOTES:
ALL BLOCKS TO BEAR AGAINST UNDISTURBED EARTH.
ARROWS INDICATE DIRECTION OF THRUST.
ALL BLOCKS TO BE CLASS SI CONCRETE.
ALL FITTINGS SHOWN IN PLAN EXCEPT VERTICAL BEND.

REVISED 10/20/87   34.4
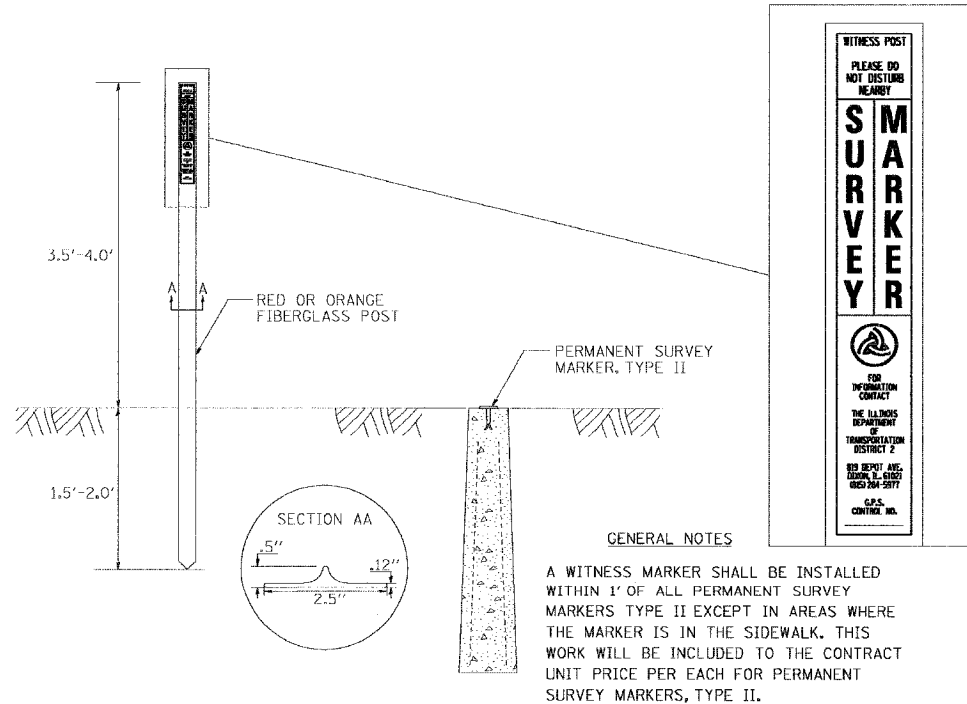
DELINEATOR AND POST ORIENTATION

T.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.		TO STA.		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

DIRECTION OF TRAFFIC

POST

SECTION D-D

DELINEATOR

MIN. 18 HOLES SPACED AT 25 (1) CTS.
(UNLESS OTHERWISE SPECIFIED)
25 (1)
30 (1 1/4)

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 ATTACHED AS SHOWN ABOVE.
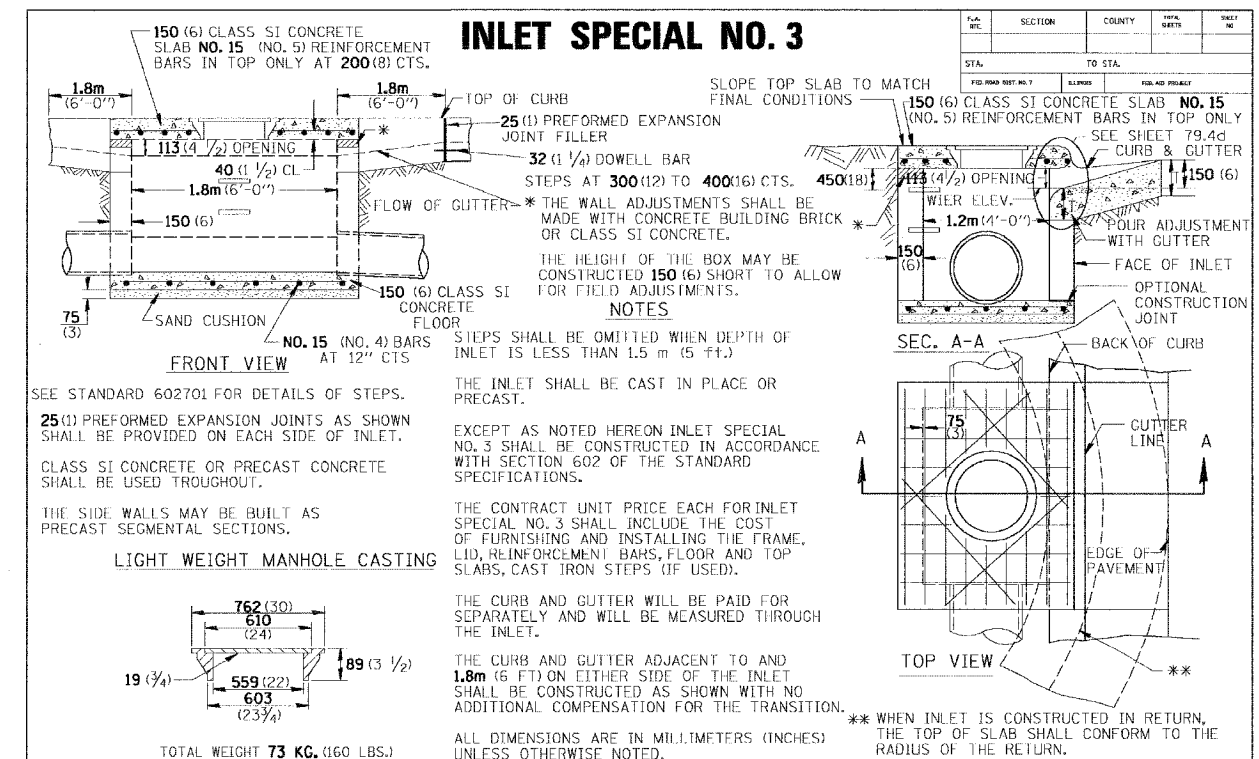
DATE 1-31-00   37.4

WITNESS MARKER FOR PERMANENT SURVEY MARKERS TYPE II

WITNESS POST
PLEASE DO NOT DISTURB NEAREST
SURVEY MARKER

FOR INFORMATION CONTACT
THE ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT 2
819 DEPOT AVE.
DIXON, IL 61021
(815) 284-5077
G.P.S. CONTROL NO.

3.5'-4.0'

RED OR ORANGE FIBERGLASS POST

PERMANENT SURVEY MARKER, TYPE II

1.5'-2.0'

SECTION AA
.5"   .12"
2.5"

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.

GENERAL NOTES

1-31-00   38.4

INLET SPECIAL NO. 3

T.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.		TO STA.		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

150 (6) CLASS SI CONCRETE SLAB NO. 15 (NO. 5) REINFORCEMENT BARS IN TOP ONLY AT 200 (8) CTS.

1.8m (6'-0")   1.8m (6'-0")
TOP OF CURB
25 (1) PREFORMED EXPANSION JOINT FILLER
113 (4 1/2) OPENING
40 (1 1/2) CL
1.8m (6'-0")
150 (6)
32 (1 1/2) DOWEL BAR
STEPS AT 300 (12) TO 400 (16) CTS.
FLOW OF GUTTER
75 (3)
SAND CUSHION
150 (6) CLASS SI CONCRETE FLOOR
NO. 15 (NO. 4) BARS AT 12" CTS

FRONT VIEW

SLOPE TOP SLAB TO MATCH FINAL CONDITIONS
150 (6) CLASS SI CONCRETE SLAB NO. 15 (NO. 5) REINFORCEMENT BARS IN TOP ONLY
SEE SHEET 79.4d
CURB & GUTTER
113 (4 1/2) OPENING   150 (6)
WIER ELEV.
1.2m (4'-0")
POUR ADJUSTMENT WITH GUTTER
150 (6)
FACE OF INLET
OPTIONAL CONSTRUCTION JOINT
SEC. A-A
BACK OF CURB

* 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.

NOTES

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 1.5 m (5 ft.)
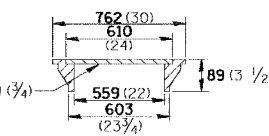
SEE STANDARD 602701 FOR DETAILS OF STEPS.

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

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.

THE INLET SHALL BE CAST IN PLACE OR PRECAST.

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.

LIGHT WEIGHT MANHOLE CASTING

762 (30)
610 (24)
19 (3/4)   89 (3 1/2)
559 (22)
603 (23 3/4)

TOTAL WEIGHT 73 KG. (160 LBS.)

CURB & GUTTER
75 (3)
GUTTER LINE
A   A
TOP VIEW
EDGE OF PAVEMENT

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

REVISED 11-10-94   79.4