

CURB & BACKWALL TO BE AS SHOWN IN DETAIL A FOR ALL TYPE B, TYPE B (SPECIAL), TYPE E, TYPE E (SPECIAL), TYPE F. & TYPE F (SPECIAL) INLET BOXES. STRUCTURE (56) SHALL BE AS SHOWN IN STANDARD 609006

REINFORCEMENT SPACING AND SIZE TO BE AS SHOWN IN REFERENCE STANDARD. ADJUST BAR LENGTHS AT INLET (SPECIAL)

PIPE DRAIN 12" (SPECIAL)

AS REQUIRED FOR ADDITIONAL DEPTH.

DETAIL A

12" MIN 12" MIN THE COST OF THE CONCRETE COLLARS WILL NOT BE PAID FOR SEPARATELY BUT

CONCRETE COLLARS SHALL BE USED TO CONNECT STORM SEWER TO EXISTING SEWER AND JACKED-IN-PLACE STORM SEWER.

TYPICAL CONCRETE COLLAR DETAIL NOT TO SCALE

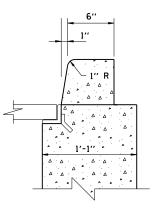
INLET BOX DEPTH TO BE AS SHOWN IN STANDARD EXCEPT AS NOTED BELOW

INLET TYPE B (SPECIAL) 3.50' INLET TYPE C (SPECIAL) 4.17' INLET TYPE D (SPECIAL) 3.50' INLET TYPE E (SPECIAL) 3.50' INLET TYPE F (SPECIAL) 3.50'

STRUCTURE (85) D= 2.00'

STRUCTURE 23 D= 2.67

STRUCTURE (46) D= 2.67'



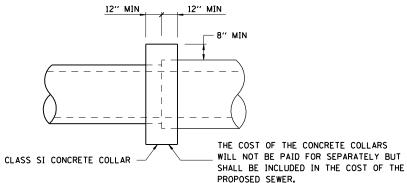
DETAIL A NOT TO SCALE

INLET BOX SECTION FOR BRIDGE APPROACH PAVEMENT DRAINS AND SHOULDER INLETS WITH CURB NOT TO SCALE

OUT TO OUT GRATING FRAME

REFERENCE OFFSET & ELEVATION

INLET BOX TYPE B, TYPE B (SPECIAL) TYPE C, TYPE C (SPECIAL), TYPE D. AND TYPE D (SPECIAL) TO BE IN ACCORDANCE WITH STD 609006 EXCEPT AS SHOWN. INLET BOX TYPE E, TYPE E (SPECIAL), TYPE F, AND TYPE F (SPECIAL) TO BE IN ACCORDANCE WITH STD 610001 EXCEPT AS SHOWN.



FACE OF CURB REFERENCE OFFSET GIVEN IN SCHEDULE REFERENCE ELEVATION FRAME & GRATE TYPE 3

STANDARD 542301

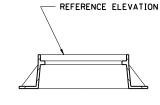
STATION, OFFSET & ELEVATION GIVEN

ON PLANS

END SECTION OFFSETS

STATION & OFFSET TO INLETS TYPE A & B & MANHOLE TYPE A ARE TO THE ¢ OF THE OPENING

NOT TO SCALE



STANDARD 542401

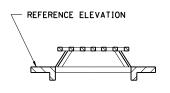
8' AT 12" PIPE DRAIN

* = DIMENSIONS SHOWN AT LOCATIONS ON PLAN & PROFILE SHEETS

TYPICAL RIPRAP LAYOUT AT PIPE OUTLETS

NOT TO SCALE

FRAME & LID TYPE 1 NOT TO SCALE



PIPE INVERT IN SCHEDULE

GRATE TYPE 37 (NEENAH 4341-A) NOT TO SCALE

STATION & OFFSET TO INLETS TYPE A & B & MANHOLE TYPE A ARE TO THE & OF THE STRUCTURE.

REVISIONS		
NAME	DATE	
		S
		D

ILLINOIS DEPARTMENT OF TRANSPORTATION DRAINAGE STRUCTURE DETAILS -2 FAI-72, MACARTHUR BLVD SEC NO. 02-00382-02-PV SEC NO. (84-9-4)A,HBK,BY,BY-1 SANGAMON COUNTY, ILLINOIS

SCALE: VERT. DATE 12/16/2006

DRAWN BY CLG CHECKED BY JAD