

COUNTY TOTAL SHEET NO. SANGAMON 425 298 STA. TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

(84-9) RS-6: (G)Z *

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) AS REQUIRED FOR ADDITIONAL DEPTH.

DETAIL A

PIPE DRAIN 12" (SPECIAL)

STANDARD 542301

END SECTION OFFSETS

STATION, OFFSET & **ELEVATION GIVEN**

ON PLANS

STANDARD 542401

INLET BOX SECTION FOR BRIDGE APPROACH PAVEMENT DRAINS

PIPE INVERT IN SCHEDULE

12" STORM SEWER
AT INLET BOX (SPECIAL)

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.

AND SHOULDER INLETS WITH CURB

NOT TO SCALE

OUT TO OUT GRATING FRAME

REFERENCE OFFSET & ELEVATION

12" MIN THE COST OF THE CONCRETE COLLARS WILL NOT BE PAID FOR SEPARATELY BUT CLASS SI CONCRETE COLLAR SHALL BE INCLUDED IN THE COST OF THE

PROPOSED SEWER.

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

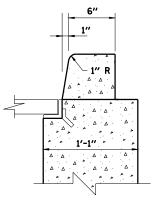
INLET BOX DEPTH TO BE AS SHOWN IN STANDARD EXCEPT AS NOTED BELOW

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'

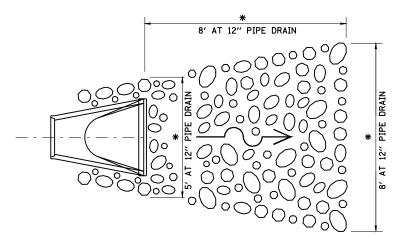
STRUCTURE (85) D= 2.00'

STRUCTURE 23 D= 2.67'

STRUCTURE (46) D= 2.67'

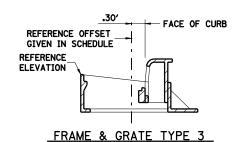


DETAIL A NOT TO SCALE



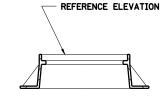
* = DIMENSIONS SHOWN AT LOCATIONS ON PLAN & PROFILE SHEETS

TYPICAL RIPRAP LAYOUT AT PIPE OUTLETS NOT TO SCALE

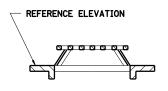


STATION & OFFSET TO INLETS TYPE A & B & MANHOLE TYPE A ARE TO THE & OF THE OPENING

NOT TO SCALE



FRAME & LID TYPE 1 NOT TO SCALE



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		
NAME	DATE	
		_
		SCA
		SCA DAT
		DAT

ILLINOIS DEPARTMENT OF TRANSPORTATION DRAINAGE STRUCTURE DETAILS -2 FAI-72, MACARTHUR BLVD SECTION (84-9) RS-6; (G)Z SANGAMON COUNTY, ILLINOIS

CALE: VERT. TE Mar-19-2008 03:19:59PM

DRAWN BY CLG CHECKED BY JAD