

9'-6"

5'-3"

TYP

18"

EXPANSION BOLTS

MAX SPACING 18"

COST INCLUDED IN

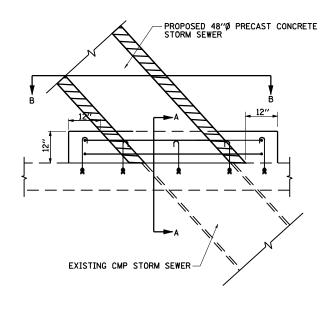
COST OF CONCRETE

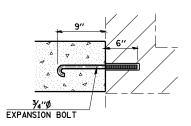
COLLAR, SPECIAL

*4 BARS (2 PAIR)

SECTION B-B

SECTION A-A





EXPANSION BOLT DETAIL

NOTE: EXPANSION BOLTS SHALL CONSIST OF SELF-DRILLING EXPANSION SHIELDS AND HOOKED BOLTS. HOOKED BOLTS SHALL EXTEND A MINIMUM OF 9" INTO THE NEW CONCRETE.

PLAN VIEW

CONCRETE COLLAR, SPECIAL STA. 30+15.00, 109' RT

DECATUR, ILLINOIS

* F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668 ** D-6 SPFLD-CLRLAKE DIRKSEN 2002

68 | F.A.P. | SECTION | COUNTY | TOTAL SHEETS | SHEET | SNC. |
• • • SANGAMON	363	216	
FED. ROJO DIST. NO.	ILLINOIS	FED. AID	PROJECT
CONTRACT	NO.	72088	

(3) *5 S BARS EACH SIDE
(12 TOTAL EACH COLLAR)

CONCRETE COLLAR

CONCRETE COLLAR

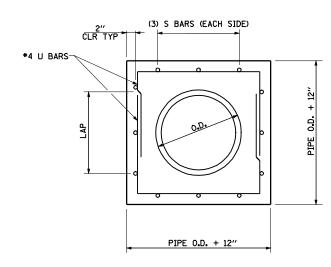
EXISTING STORM SEWER

(3) PAIRS *4 U BARS e

9" CENTERS

ELEVATION

- NOTE:
 1. EXISTING DRAINAGE STRUCTURE
 TO BE REMOVED AS APPLICABLE
 (NOT SHOWN FOR CLARITY).
- 2. THE COST OF REINFORCING BARS TO BE INCLUDED IN THE COST OF CONCRETE COLLAR.



SECTION A-A

CONCRETE COLLAR 12" & 15" STORM SEWER

REVISIONS					
NAME	DATE	ILLINOIS	DEPARTMENT OF	TRANSPORTATION	
		CONC	RETE COLLA	R DETAILS	
		CON	TILLE COLL	III DETAILS	
				DRAWN BY MLO	
		DATE 8/05		CHECKED BY CWG	
	·				