

NOTES:

-CONCRETE COLLARS ARE REQUIRED WHEN CONNECTING TWO DIFFERENT PIPE MATERIALS, JOINING EXISTING STORM SEWER TO PROPOSED STORM SEWER, OR WHEN PERMITTED PULL AT PIPE JOINTS IS EXCEEDED. PULLING OF JOINTS SHALL BE LIMITED TO 3/4" FROM NORMAL CLOSURE FOR PIPE SIZE 36" OR SMALLER AND TO 1" FOR PIPE SIZE 39" OR LARGER.

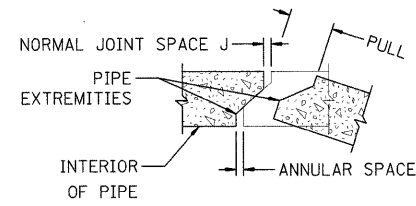
-VALUE OF ANGLE "A" SHALL BE SHOWN ON PLANS IF GREATER THAN 0°.

-CONCRETE COLLARS SHALL NOT BE USED FOR A SIZE CHANGE.

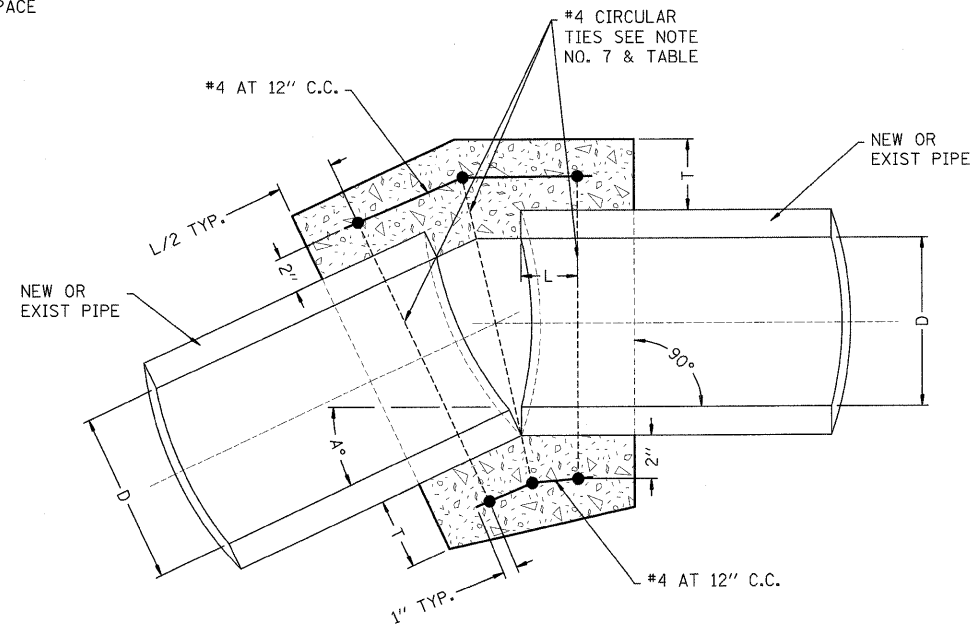
-A REMOVABLE INTERIOR FORM SHALL BE USED FOR POURS.

-REINFORCING SHALL BE USED FOR PIPES LARGER THAN 24" AND ON ALL PIPES WHERE THE SPACE BETWEEN PIPE EXTREMITIES IS 2 1/2" OR LARGER.

-ALL CONCRETE SHALL BE CLASS SI CONCRETE.



JOINT PULL DETAIL

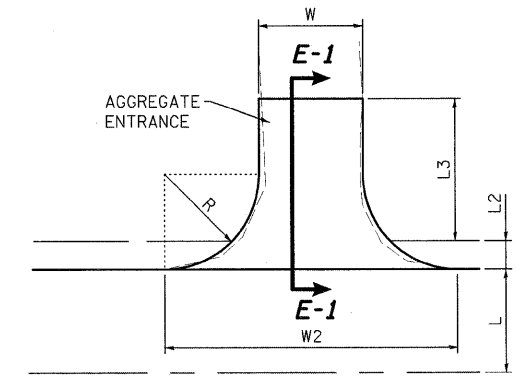


TYPICAL PLAN

D	12"	15"	18"	21"	24"	27"	30"	33"	36"	39"	42"	45"	48"	51"	54"	57"	60"	66"
L	12"	12"	12"	12"	12"	12"	12"	18"	18"	18"	18"	18"	18"	18"	18"	18"	21"	21"
T	4"	4"	5"	5"	6"	7"	7"	8"	9"	9"	9"	10"	10"	10"	10"	10"	11"	11"
J	1/16"	1/16"	1/16"	1/4"	1/4"	1/4"	5/16"	5/16"	5/16"	5/16"	5/16"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
NO. OF TIES	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5

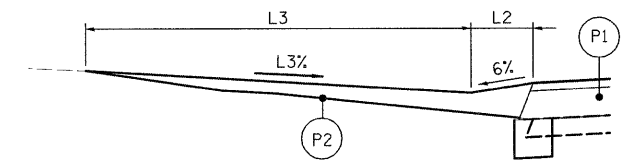
CONCRETE COLLAR DETAIL

(NOT TO SCALE)



PLAN

SHOWING AGGREGATE ENTRANCE



SECTION E-1 & E-2

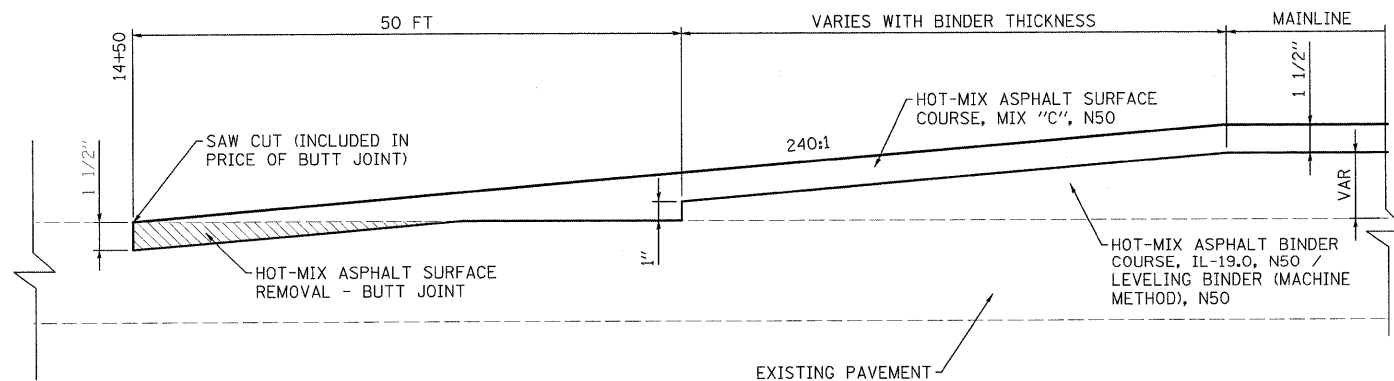
(NOT TO SCALE)

P1 PROPOSED ROADWAY PAVEMENT

P2 AGGREGATE BASE COURSE, TYPE A

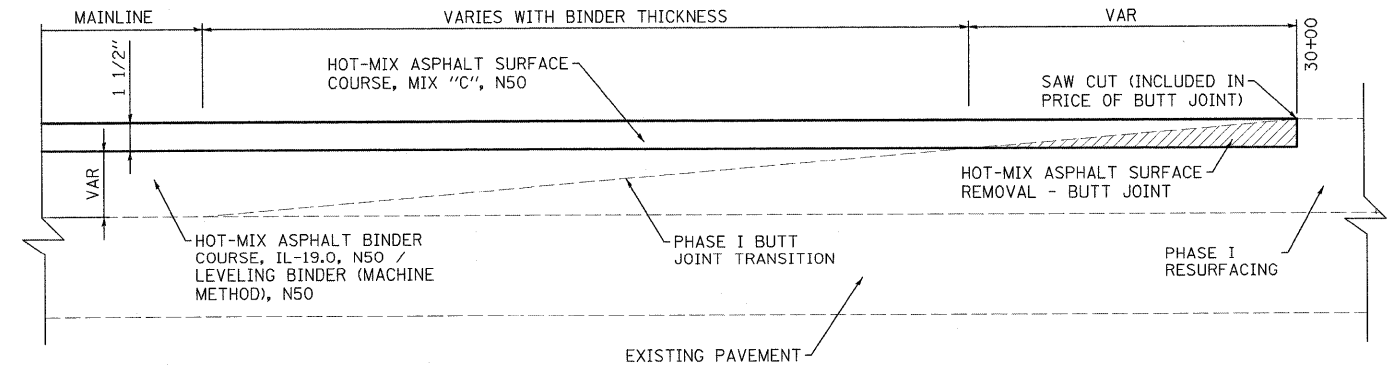
ENTRANCE DETAILS

(NOT TO SCALE)



BUTT JOINT DETAILS - WEST END (14+50)

(NOT TO SCALE)



BUTT JOINT DETAILS - EAST END (30+00)

(NOT TO SCALE)

FILE NAME = F:\5592\5592.18\Details_5592.dgn	USER NAME = .USERDESCR.	DESIGNED - DLD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS				F.A.S RTE. 777	SECTION 09-00080-01-RS	COUNTY BOND	TOTAL SHEETS 22	SHEET NO. 17
PLOT SCALE = 5,0000 ' / IN.	CHECKED -	DRAWN - EDW	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 97394		
PLOT DATE = 7/9/2009	DATE - 6-9-09	CHECKED -	REVISED -		FED. ROAD DIST. NO. 8 [ILLINOIS] FED. AID PROJECT								
		DATE - 6-9-09	REVISED -										

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