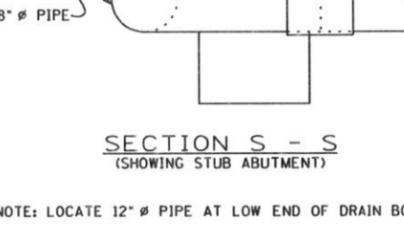
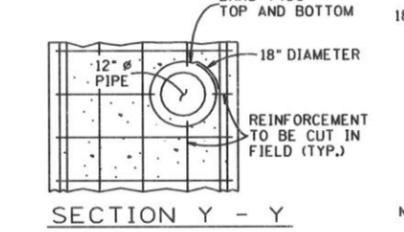
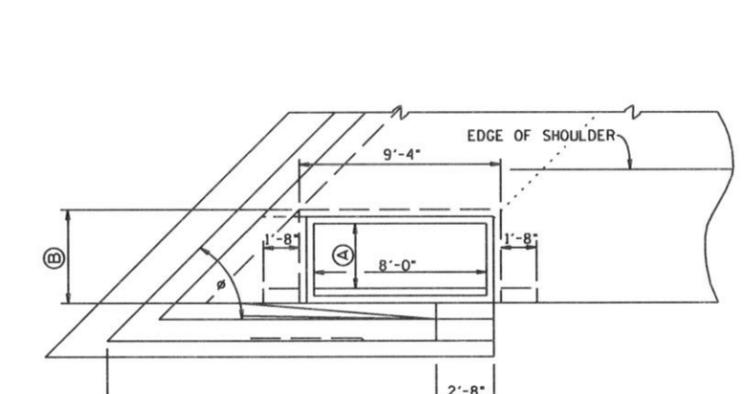
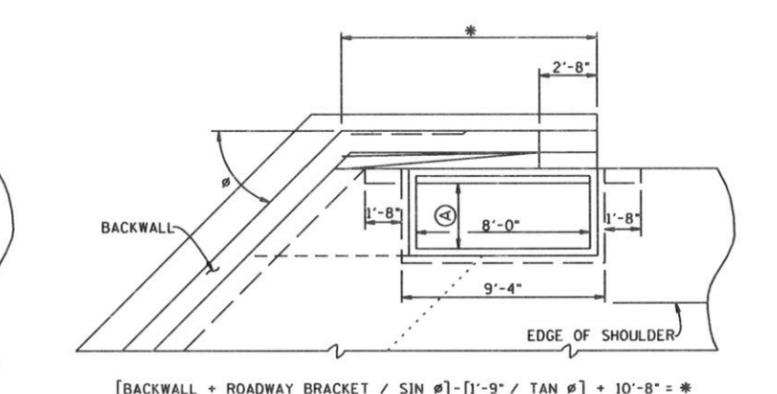
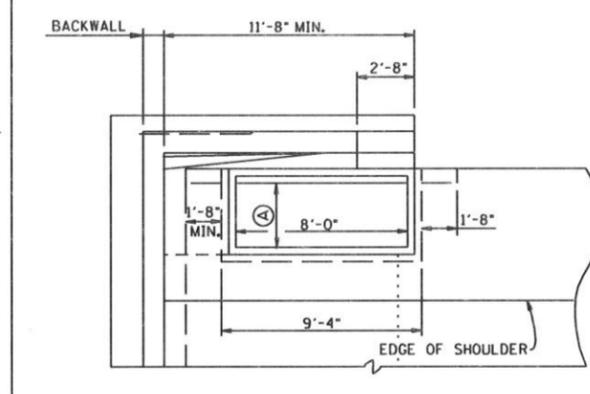


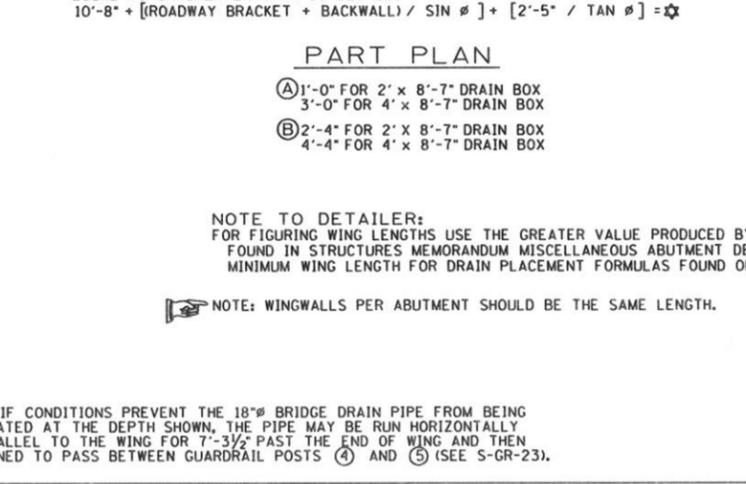
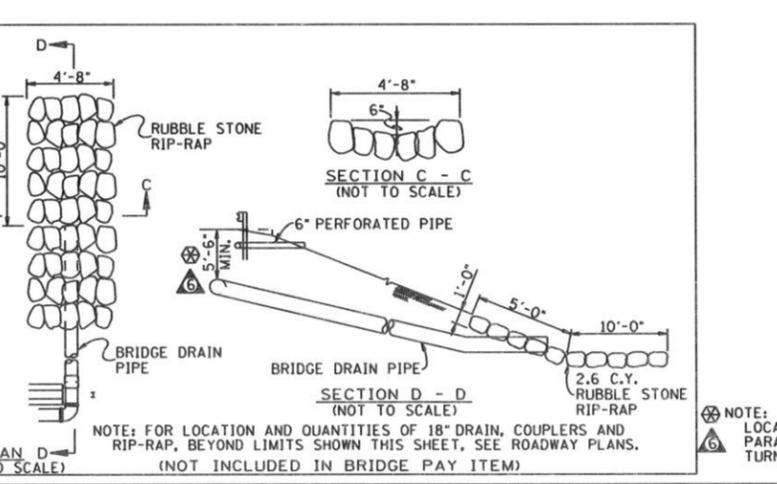
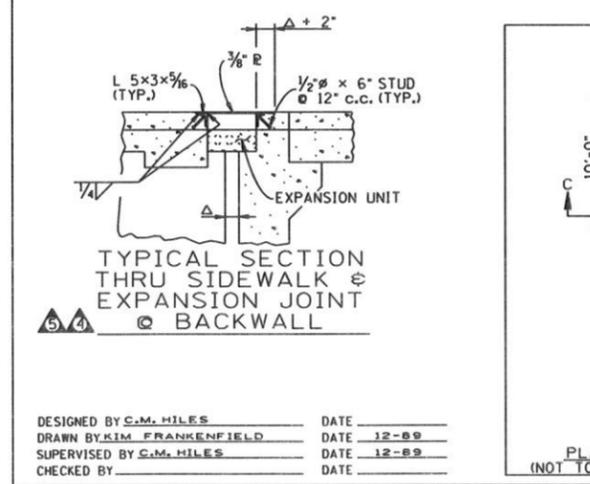
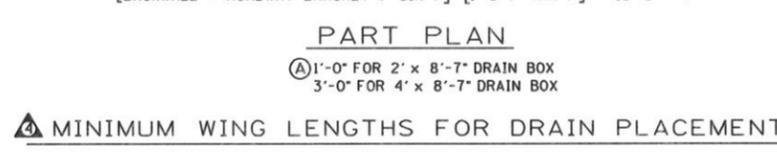
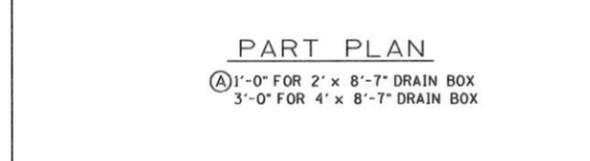
PROJECT NO.	YEAR	SHEET NO.
	1990	

REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
1	5-19-94	CMH	REVISED PLAN VIEW
2	5-1-95	CMH	REVISION REQUIRED BY STD-1-5
3	4-28-97	CMH	REVISED SECTION R-R, SIDEWALK & NOTE
4	5-21-99	CMH	DELETED WINGWALL DIMENSIONS AND ADDED SECTION R1-R1 & SECTION THRU SIDEWALK & EXPANSION JOINT
5	7-31-00	CMH	REVISED SECTIONS R-R, R1-R1 & SECTION THRU SIDEWALK & CURB FACE
6	8-24-11	JHW	REVISED DIMENSION & ADDED NOTE

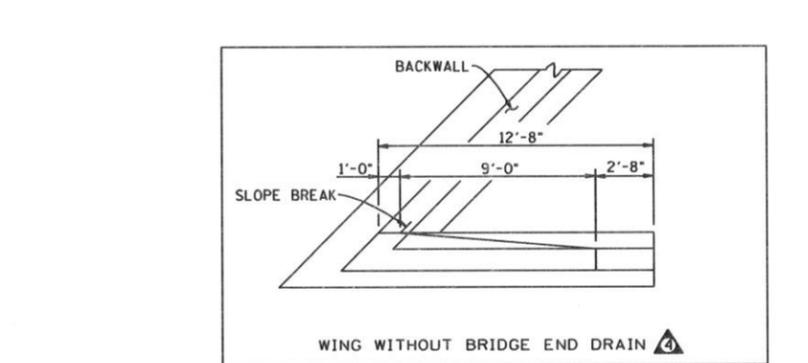
NOTE: FOR ADDITIONAL DETAILS SEE STD-1-1 THRU 5 AND 6, 8 OR 9.



NOTE: LOCATE 12" Ø PIPE AT LOW END OF DRAIN BOX.



NOTE: IF CONDITIONS PREVENT THE 18" Ø BRIDGE DRAIN PIPE FROM BEING LOCATED AT THE DEPTH SHOWN, THE PIPE MAY BE RUN HORIZONTALLY PARALLEL TO THE WING FOR 7'-3/4" PAST THE END OF WING AND THEN TURNED TO PASS BETWEEN GUARDRAIL POSTS (4) AND (5) (SEE S-CR-23).



NOTE: SPREAD WIDTH NOT TO EXCEED 6 FEET.

MINOR REVISION - FHWA APPROVAL NOT REQUIRED
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BRIDGE END DRAIN DETAILS
2' x 8'-7" & 4' x 8'-7" WITH PAVEMENT AT BRIDGE ENDS
1993

CORRECT *Edward P. Wasserman*
ENGINEER OF STRUCTURES

DESIGNED BY C.M. MILES
DRAWN BY KIM FRANKENFIELD
SUPERVISED BY C.M. MILES
CHECKED BY _____

DATE 12-89
DATE 12-89
DATE _____

SHEET 7 OF 13
STD-1-7