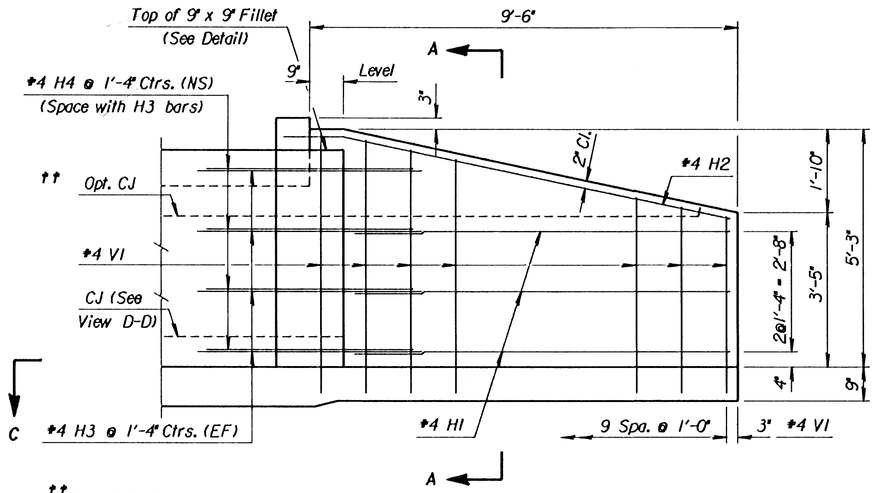
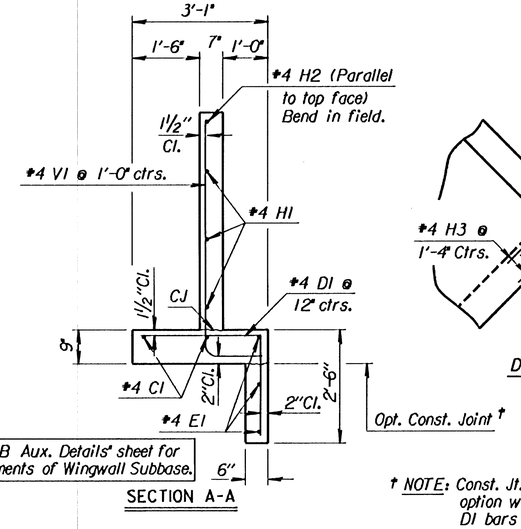
FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87U-1362-01	1993	57	149



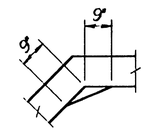
†† See RCB Details for location of construction joint.

ELEVATION OF WINGWALL
(Backface Shown)

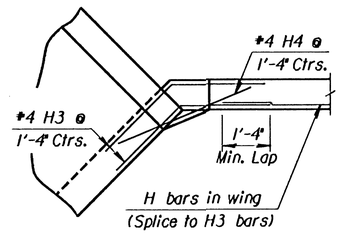


See "RCB Aux. Details" sheet for requirements of Wingwall Subbase.

SECTION A-A



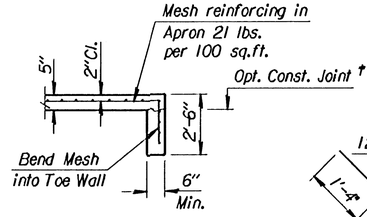
Fillet Detail



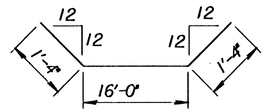
DETAIL OF 9" x 9" FILLET
(Plan View)

† NOTE: Const. Jt. may be used at Contractor's option when approved by the Engineer. DI bars or mesh may be spliced thus: ⌐¬ Minimum overlap shall be 1'-3". No increase in quantities or cost shall be allowed when Contractor elects this option.

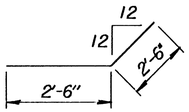
NOTE:
EF = Each Face
NS = Near Side
FS = Far Side
CJ = Const. Joint



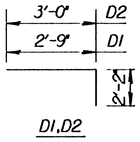
SECTION B-B



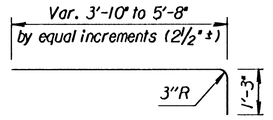
E2



H3



D1,D2



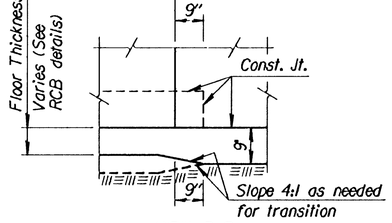
VI
(2 Req'd., each length)

BENDING DIAGRAM
(All dimensions are out to out of bars.)

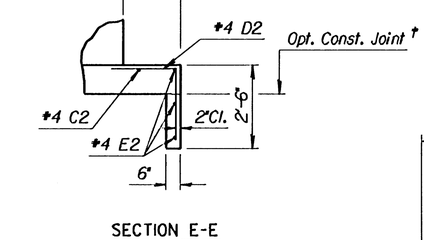
Note: Wingwall Required at Rt. @ Conc. Wall at Lt.

Quantities listed below are included in the Summary of Quantities shown on the RCB details.

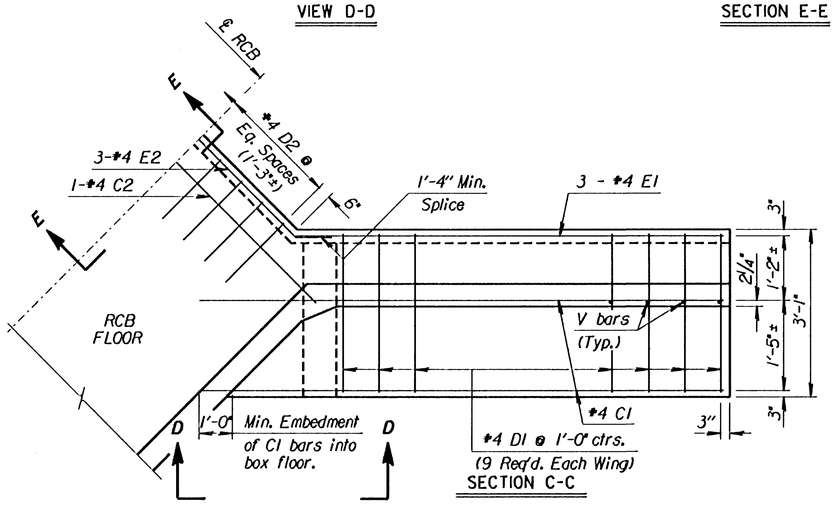
WINGWALL QUANTITIES (One End Only)		
Class AAA Concrete:		
Wingwalls	5.71	CY.
Apron	3.25	CY.
Soil Saver	0.00	CY.
Reinforcing Steel	418.06	Lbs.
Welded Wire Fabric	44.20	Lbs.



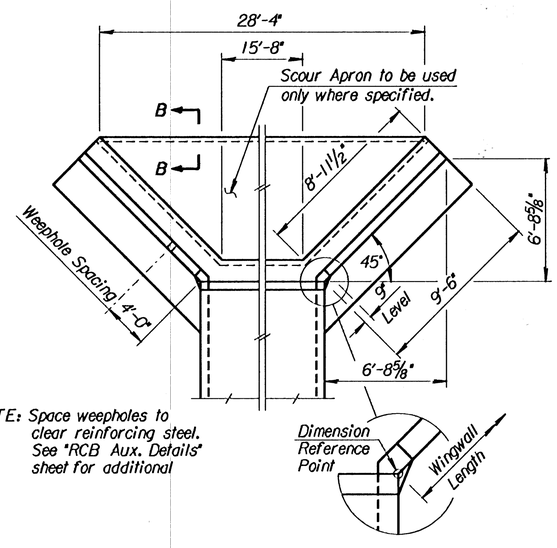
VIEW D-D



SECTION E-E



SECTION C-C



NOTE: Space weepholes to clear reinforcing steel. See "RCB Aux. Details" sheet for additional

WING DIMENSIONS FOR NORMAL BOX
(3½:1 Embankment Slope)

NOTE: Reinforcing Bar List is for both wings at one end of box only.

* See Bending Diagram

0° Skew		#4CI	#4DI	#4EI	#4C2	#4D2	#4E2	#4VI	#4HI	#4H2	#4H3	#4H4
	No.	4	18*	6	1	13*	3*	20	6	2	16*	8
	Length	11'-7"	4'-11"	8'-9"	16'-10"	5'-2"	18'-8"	*	8'-4"	10'-3"	5'-0"	3'-6"

NO.	DATE	REVISIONS	BY	APP'D

KANSAS DEPARTMENT OF TRANSPORTATION
Sta. 20+50

FLARED WINGWALLS
4 FT. RISE (0°SKEW)

STD. NO. 10.00.04 SEDGWICK CO.

FHWA APPROVAL	6-5-91	APP'D	KENNETH F. HURST
DESIGNED	DETAILED	QUANTITIES	TRACED
DESIGN CK.	DETAIL CK.	QUAN.CK.	TRACE CK.

57

ORIG. FROM BRIDGE — DESIGN — DETAIL — QUANTITIES — TRACING — DETAILED — CK. — DES. — PROJ. — DATE

LPROJECTS
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25-NOV-1992 08:56
User- PLOT10