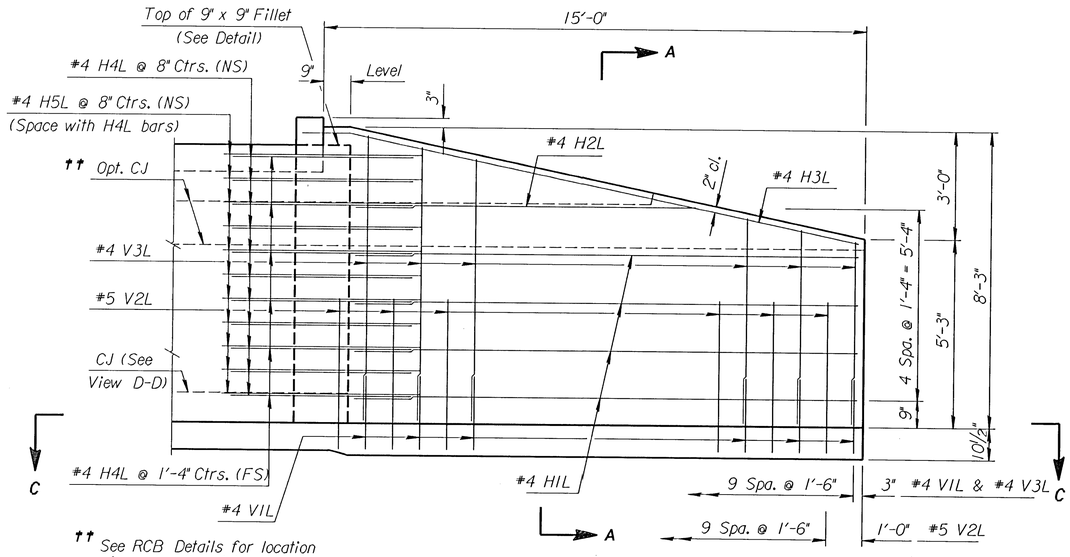
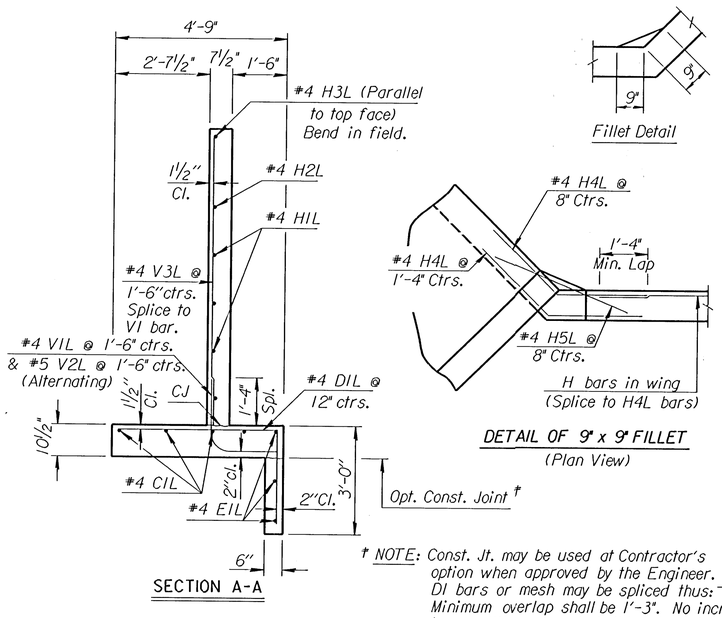
PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
618-34	1998	73	169

VERSION: 5.1.0 COMPILED: 03/01/95



†† See RCB Details for location of construction joint.

ELEVATION OF WINGWALL
(Front Face Shown)



SECTION A-A

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.

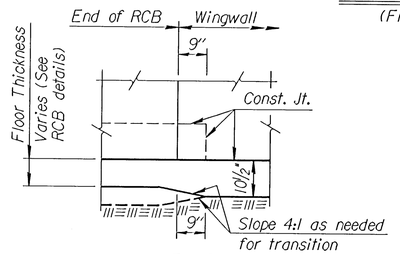
GENERAL NOTES

UNIT STRESSES: Class AAA Concrete; f'c = 4,000 p.s.i.
Reinforcing Steel; fy = 60,000 p.s.i.

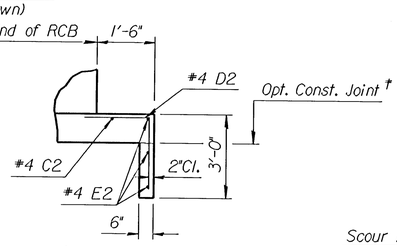
CONCRETE: Class AAA Concrete shall be used throughout. Bevel all exposed edges with a ¾inch triangular moulding.

REINFORCING: All reinforcing shall conform to ASTM A615, Grade 60. Welded Wire Fabric shall conform to ASTM A185. All dimensions relative to reinforcing steel shall be to center-line of bar unless otherwise noted.

QUANTITIES: Wingwall Quantities include all quantities outside the neat lines of the box, excluding the hubguard.

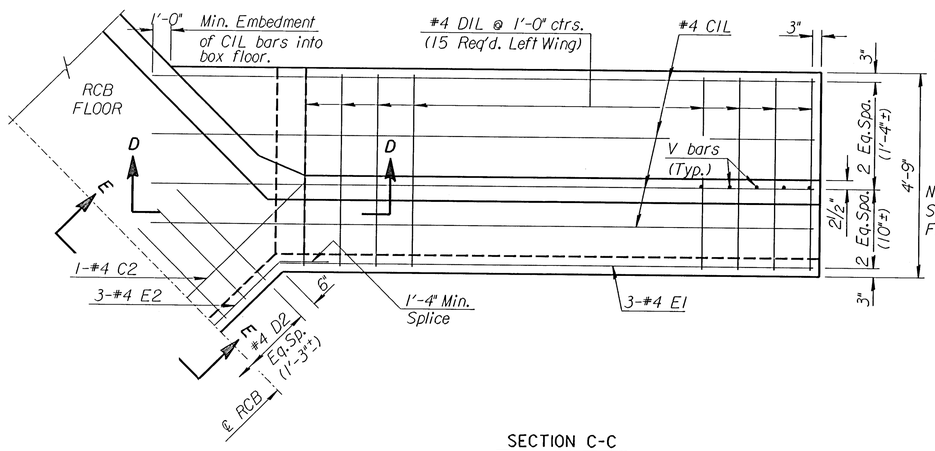


VIEW D-D

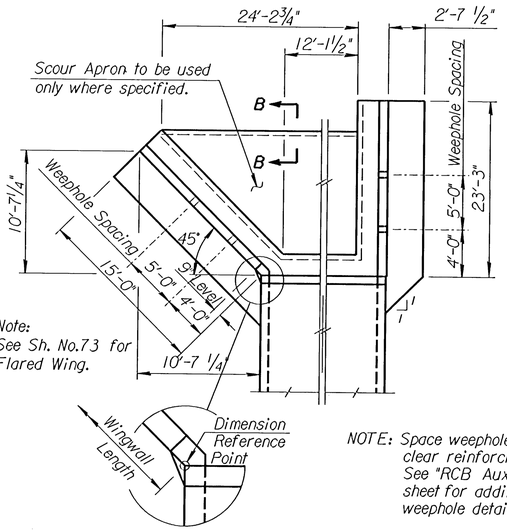


SECTION E-E

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



SECTION C-C
(Plan of Footing at Left Wing)

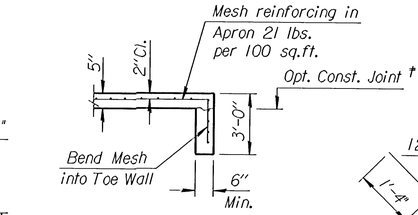


Note: See Sh. No.73 for Flared Wing.

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

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

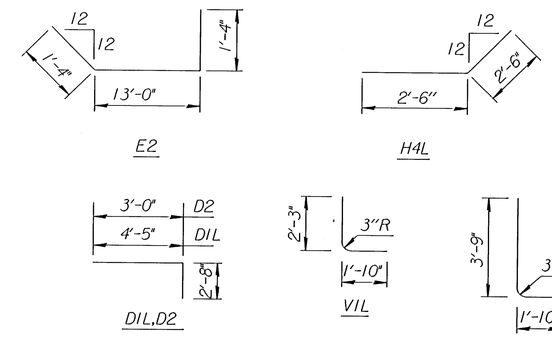
Note: See Sh. No.72 for Straight Wing.



SECTION B-B

Var. 5'-0" to 8'-0" by equal increments (4") — 1 Req'd. each length

V3L



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

Quantities listed below are included in the Summary of Quantities shown on the RCB details (Sh. No. 70), and include both flared and straight wingwalls.

WINGWALL QUANTITIES (One End Only)		
Class AAA Concrete:		
Wingwalls	13.31	CY.
Apron	0.00	CY.
Soil Saver	0.00	CY.
Reinforcing Steel	935.18	Lbs.
Welded Wire Fabric	0.00	Lbs.

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

✱ See Bending Diagram

	Mark	#4C1L	#4D1L	#4E1L	#4C2	#4D2	#4E2	#4V1L	#5V2L	#4V3L	#4H1L	#4H2L	#4H3L	#4H4L	#4H5L
0° Skew	Number	4	15 ✱	3	1	10 ✱	3 ✱	10 ✱	10 ✱	10	4	1	1	17 ✱	11
	Length	18'-3"	7'-1"	14'-9"	18'-0"	5'-8"	15'-8"	4'-1"	5'-7"	✱	13'-10"	9'-6"	15'-10"	5'-0"	3'-6"

NO.	DATE	REVISIONS	BY	APP'D

KANSAS DEPARTMENT OF TRANSPORTATION
Sta. 59+09
FLARED WINGWALL (EXT. RT.)
7 FT. RISE (0°SKEW)

~~BR-10.00.07~~ SEDGWICK CO.

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

DESIGN / DETAIL / QUANTITIES / TRACING / CHECKED — DATE

DGN File: i:/1995/95297/002/7x7extrt.dgn
Plotted by: DJW 8-5-97 View=
Drawn by: MDC