PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
618-34	1998	67	169

GENERAL NOTES

LOADING:
HS20-44

AASHTO Specifications
1992 Edition and latest
Interim Specifications.

UNIT STRESSES:

Class AAA Concrete f'c = 4,000 psi fc = 1,600 psi
Reinforcing Steel (Grade 60) fy = 60,000 psi fs = 24,000 psi

CONCRETE: Class AAA Concrete shall be used throughout for the Cast-In-Place and shall comply to Section 402 of the 1990 Kansas State Department of Transportation Standard Specifications for State Road and Bridge Construction. Bevel all exposed edges with a ¾ inch triangular moulding, unless otherwise noted.

SEAL COURSE: A Seal Course shall be constructed below the R.C.B. as shown in the plans. The seal course shall consist of 3" of Class A Concrete below all Cast-In-Place Concrete. No reinforcing shall be placed until the seal course has gained sufficient strength to permit working upon it without injury.

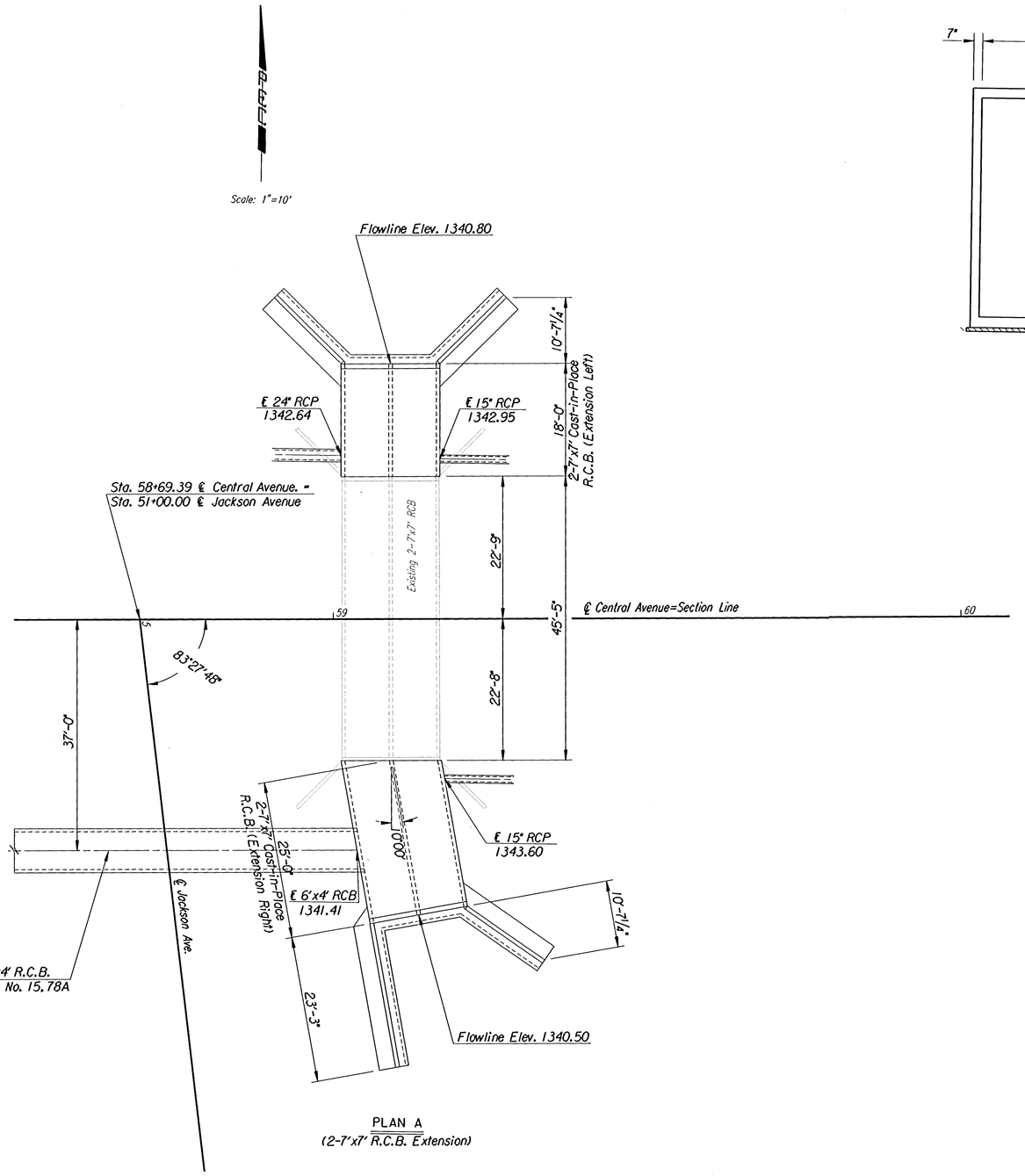
REINFORCING STEEL: All dimensions relative to reinforcing steel placement are to the centerline of bars unless otherwise noted. Bar bending and dimensions shall be as shown and noted on the bending diagrams. All reinforcing steel shall conform to the requirements of ASTM A615, Grade 60.

JOINTS: Construction Joints shall only be formed at locations shown or as approved by the Engineer.

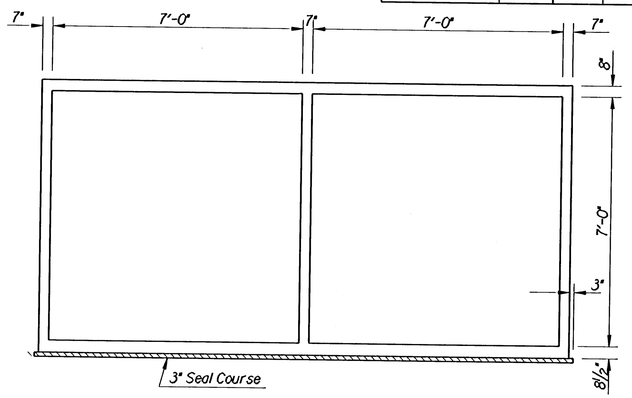
EXCAVATION: All excavation and backfill shall extend to two (2) feet beyond sides of box and wingwall.

BASIS OF PAYMENT

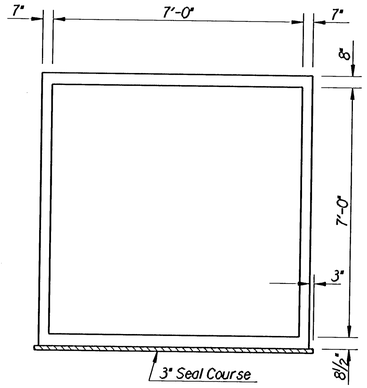
The "2-7'x7' R.C. Box" and the "7'x7' R.C. Box" shall be paid for at the unit price bid for the various items shown in the summary of quantities, which shall include all labor, material, excavation, compaction, concrete, reinforcing steel, seal course and all other incidentals necessary to complete the work.



PLAN A
(2-7'x7' R.C.B. Extension)



2-7'x7' R.C.B.
Sta. 59+09



1-7'x7' R.C.B.
Sta. 65+89

RECAPITULATION OF QUANTITIES		
7'x7' R.C. BOX EXT.		
Class AAA Concrete	55.1	C.Y.
Reinforcing Steel (Gr. 60)	5070	Lbs.
Seal Course (Class A Concrete)	6.4	C.Y.
Foundation Stabilization (Set)	75	C.Y.
Granular Backfill	65	C.Y.
2-7'x7' R.C. BOX EXT.		
Class AAA Concrete	79.0	C.Y.
Reinforcing Steel (Gr. 60)	11,530	Lbs.
Seal Course (Class A Concrete)	9.8	C.Y.
Foundation Stabilization (Set)	125	C.Y.
Granular Backfill	69	C.Y.

No.	Revisions	By	Date
1			

SEDGWICK COUNTY BUREAU OF PUBLIC SERVICES

R.C.B. EXTENSION LAYOUT AND GENERAL NOTES

PROJECT NO. 618-34 SEDGWICK COUNTY

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by	R.W.A.	Checked by	R.A.S.
Drawn by	W.L.L.	Date	July 1997
		Job No.	95297-2

i:/1995/95297/002/boxlay
Drawn by: wll
Plotted by: DJW 11-5-97