SHEET 9-a

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B.R.S. A.R. 91	Coles	65	34

SHEET NO. 9a
20-SHEETS

#19(VBR4,I-1),(1,2,C3)RS 1-1975-1

74-#5 v_2 bars @ 12" c/s. (See Sec. A-A)
74-#5 v_2 bars @ 12" c/s. (See Sec. A-A)
73-#5 v_2 bars @ 12" c/s. Each face of Exp. Block
℄ F.A.P. Rt. 91
@ Front face of Abut.
Elev. 735.37
313-#5 h_2 bars (1'-8" Lap) (2-B.F. & 1-F.F.)
Elev. 735.81
313-#5 h bars (Top of cap) (1'-8" Lap)
Elev. 735.77
5x3-#6 h_1 bars @ 12" c/s. Back face (2'-0" Lap)
50-#5 v bars at 18" c/s. Front Face
43-#5 v_1 bars at 18" c/s. Back Face
(Space to miss counterforts)
23-#5 h bars at 18" c/s. Front face (1'-8" Lap)
5x3-#6 h bars @ 12" c/s. Back face (2'-0" Lap)
3" ϕ Drain Holes spaced at 10'-0" c/s.
23-#5 h bars at 12" c/s. F.F. (1'-8" Lap)
23-#6 h bars at 12" c/s. Bk. face (2'-0" Lap)
100-#5 n bars at 9" c/s. Back Face
Elev. 707.87
Batter 2" per ft.
SECTION A-A
ELEVATION (Looking West)

PILE DATA
Type: Concrete
Capacity: 45 Tons
Est. Length: 53'
No. Required: 52 + 1 test pile driven in a permanent location

1-#8 ℓ bar Bottom (Each End)
106-#5 ℓ bars at 9" c/s. Top (See Sec. A-A)
4-#8 ℓ bars Bott. (Typ. betwn. piles)
℄ F.A.P. Rt. 91
20°16'00" Skew
10-Pile spaces at 7'8" c/s. = 77'-0" (Back Row Only)
for details of retaining wall see sheet # 16.
5x3-#6 w bars at 6" c/s. Top (2'-0" Lap)
6x3-#6 w bars 26'-11" Long (2'-0" Lap) (See Sec. A-A)
6x3-#5 w bars at 12" c/s. Bot. (2'-0" Lap)
℄ Vertical Piles
8'-6" (Typ.)
1'-6" (Typ.)
20-Pile spaces at 3'-10½" c/s. = 77'-0"
Bk. Wt. Abut. Sta. 30+14.38
W.P.
℄ Battered Piles
4-#8 ℓ bars Bott. alt. with ℓ bars (Typ. betwn. piles)
20-Pile spaces at 3'-10½" c/s. = 77'-0" (First Two Rows Only)
PLAN

Notes:
For remainder of abutment details and Bill of Material see sheet # 10.
Hatched area to be poured after beams are in place. Quantity of Class X Concrete billed with superstructure.
Bars indicated thus 5x3 *6 etc. indicates 5 lines of bars with 3 lengths per line.

DESIGNED	Richard Brunette
CHECKED	Richard Brunette
DRAWN	T. Doty
CHECKED	R.B.

March 3, 19 80
EXAMINED Carl E. Hungerford
PASSED
APPROVED

WEST ABUTMENT
F.A.P. RT. 91 SEC. 19VBR
COLES COUNTY
STA. 30+63.74

Revised: 8-21-80 R.D.

FILE NAME = 0774149-sht-rem59.dgn	USER NAME = HAS	DESIGNED - MTD	REVISED -
		DRAWN - RJT	REVISED -
	PLOT SCALE = 0.0833 ' / IN.	CHECKED - MTD	REVISED -
	PLOT DATE = 7/31/2009 2:22:23 PM	DATE - AUGUST 3, 2009	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 015-0064 EXISTING PLANS

SCALE: NONE | SHEET NO. 9 OF 21 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	(19VBR)BR	COLES	92	68
		CONTRACT NO. 74149		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		