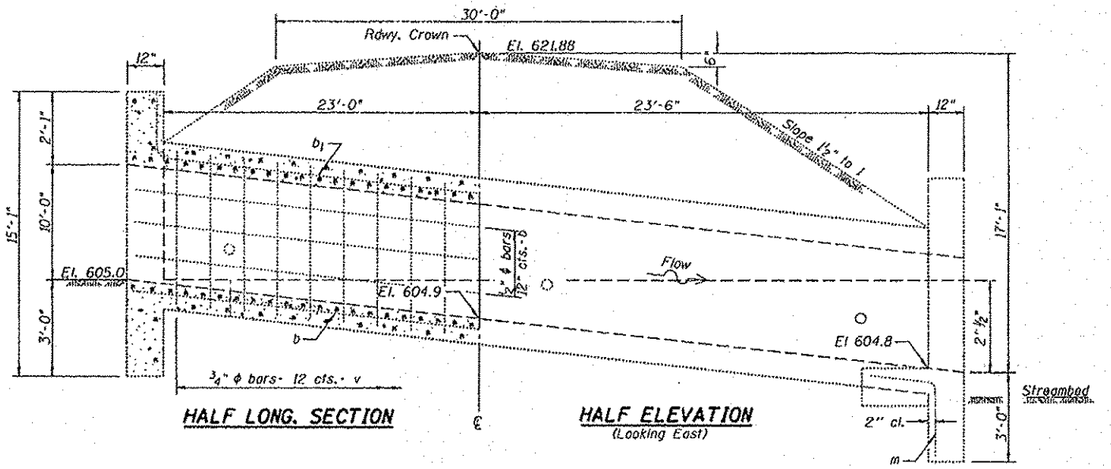
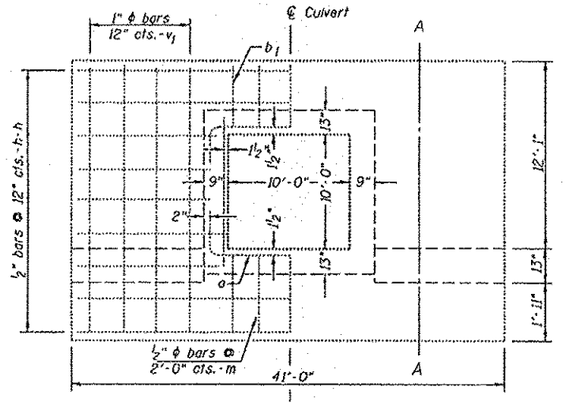
REINFORCED CONCRETE BOX CULVERT

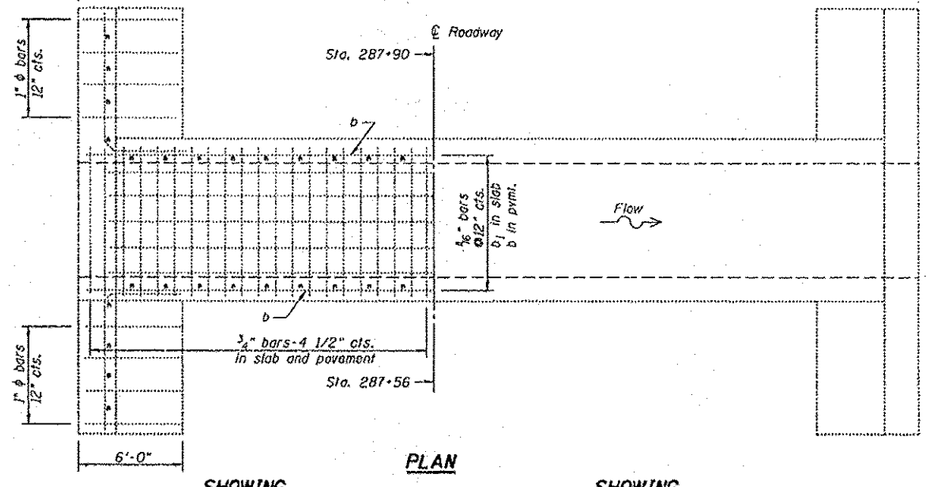


HALF LONG. SECTION

HALF ELEVATION
(Looking East)



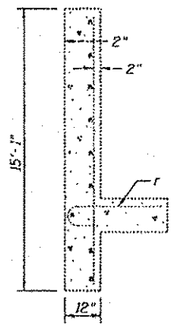
END ELEVATION
(Looking South)



PLAN

SHOWING REINFORCEMENT

SHOWING OUTLINES



SECTION A-A

Class A concrete to be throughout.
Proportions 1:2½:4. Use "m" bars
in downstream headwall only.

BILL OF MATERIAL

Bar	No.	Size	Length
v	94	¾" ϕ	11'-9"
v_1	64	1" ϕ	14'-9"
h	24	½" ϕ	21'-6"
h_1	10	½" ϕ	16'-6"
a	260	¾" ϕ	13'-0"
b	58	½" ϕ	25'-6"
b_1	22	½" ϕ	26'-6"
r	64	1" ϕ	6'-6"
m	5	½" ϕ	5'-0"
Steel		Pound	12,550
Concrete		Cu.Yd.	119

FILE NAME = S:\GEN\DRAFTS\STD&PLNS\SQUAD14\Winter Projects\KYLE\68A29.dgn	USER NAME = jonesce	DESIGNED - CEJ	REVISED -
		DRAWN - CEJ	REVISED -
	PLOT SCALE = 100.3000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 7/17/2012	DATE - 06/18/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN
CULVERT NO. 066S17m05.150

SCALE: | SHEET NO. __ OF __ SHEETS | STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	11231	MERCER	14	9
CONTRACT MAINTENANCE REPAIR		CONTRACT NO. 68A29		
		ILLINOIS FED. AID PROJECT		