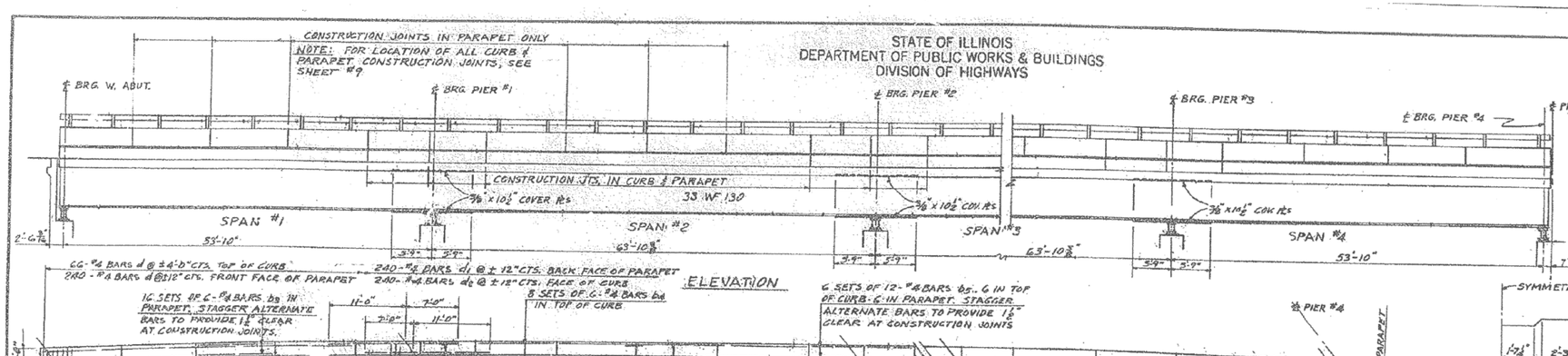
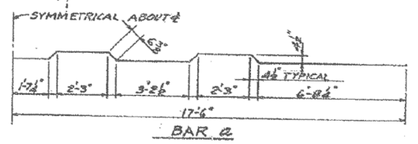
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE No.	SEC.	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. RTE. 74	90-14 NVB	TAZEWELL	24	12
	90-14 NVE		6	4
FED. ROAD DIST. No. 7	ILLINOIS	PROJECT		

SH. 8 OF 15

CONSTRUCTION JOINTS IN PARAPET ONLY
NOTE: FOR LOCATION OF ALL CURB & PARAPET CONSTRUCTION JOINTS, SEE SHEET #9





BAR a

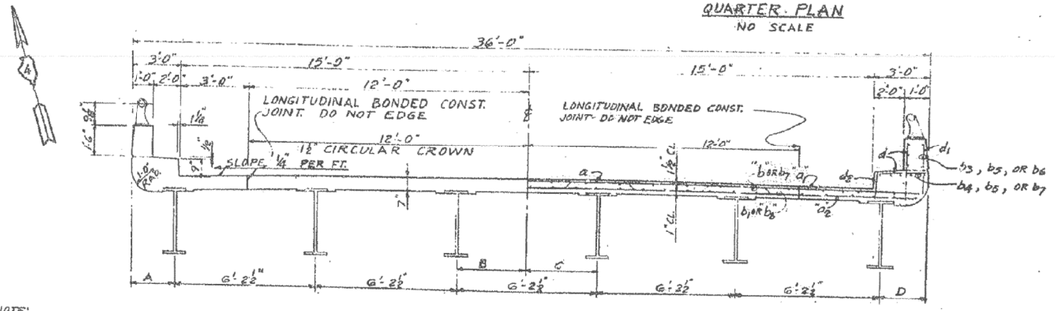
BILL OF MATERIALS
NORTH & SOUTH BRIDGES

BAR	NO	SIZE	LENGTH	SHAPE
a	388	#6	36'-3"	STRAIGHT BARS
a1	548	#6	35'-6"	
a2	548	#6	35'-0"	
a3	40	#6	23'-6"	
b	368	#5	30'-10"	
b1	576	#4	30'-10"	
b2	288	#6	18'-0"	
b3	384	#5	11'-0"	
b4	192	#4	30'-10"	
b5	288	#5	8'-0"	
b6	168	#6	11'-9"	
b7	140	#6	36'-10"	
b8	168	#6	36'-10"	
d	1272	#4	6'-8"	
d1	1252	#5	2'-6"	
d2	1252	#5	1'-1"	

Class X Concrete Cu. Yd. 638
Reinforcement Bars Lb. 156,170
* Structural Steel Lb. 649,850
Name Plate Ea. 2

* Weight of Rockers, Bolsters, Bearing Rs, Lead Rs, & Anchor Bolts included as structural steel. Estimated Wt. 22,290 Lbs.

(N) - NORTH BRIDGE
(S) - SOUTH BRIDGE

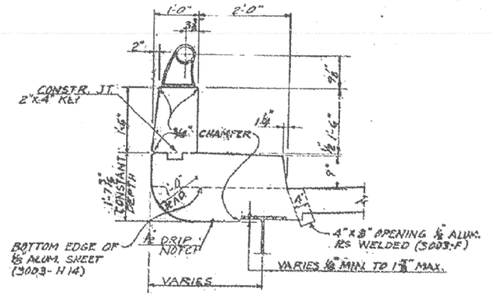


NOTE:
FOR DIMENSIONS A, B, C, & D SEE TABLE ON SH. NO. 9

CROSS SECTION
SCALE: ⅜" = 1'-0"

* NOTE: SEE SH. #10 FOR BEAM LAYOUT

SPAN #1 & SPAN #4: 33WF130 CONT. WITH 7/8"x10½" COV. PL. T. & B. AT PIERS #1, #2, & #3
33WF152 WITH BOT. COVER PL. (COMPOSITE) FOR SIZE
SEE TABLE ON SH. #10



CURB DETAILS
PARAPET MOUNTED WITH ONE PIPE ALUMINUM RAIL

DESIGNED	P.M.S.
CHECKED	H.Y.F.
DRAWN	H.J.K.
CHECKED	H.Y.F.

EXAMINED
ENGINEER OF BRIDGES AND TRAFFIC STRUCTURES
PASSED
ENGINEER OF DESIGN
APPROVED
STATE HIGHWAY ENGINEER

SUPERSTRUCTURE

F.A.I. ROUTE 74 SECTION 90-14 NVB

F.A.I. ROUTE 74 OVER I.T.R.R. & S.B.I. ROUTE 121
STATION 566+65.40
TAZEWELL COUNTY

WARREN AND VAN PRAAG, INC.
CONSULTING ENGINEERS - DECATUR, ILLINOIS

FOR INFORMATION ONLY

benesch
engineers · scientists · planners
Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10056

FILE NAME = 0900169_68620_57_exist8.dgn	USER NAME = mbecker	DESIGNED - MFB	REVISED -
		CHECKED - MRB	REVISED -
	PLOT SCALE =	DRAWN - PRT/LLR	REVISED -
	PLOT DATE = 7/16/2012	CHECKED - MRB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 090-0169
SHEET NO. SC57 OF SC63 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-(14R;(14HB-4,14,14HVB)BR)	TAZEWELL	2433	2033
		CONTRACT NO. 68620		
	ILLINOIS FED. AID PROJECT			

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