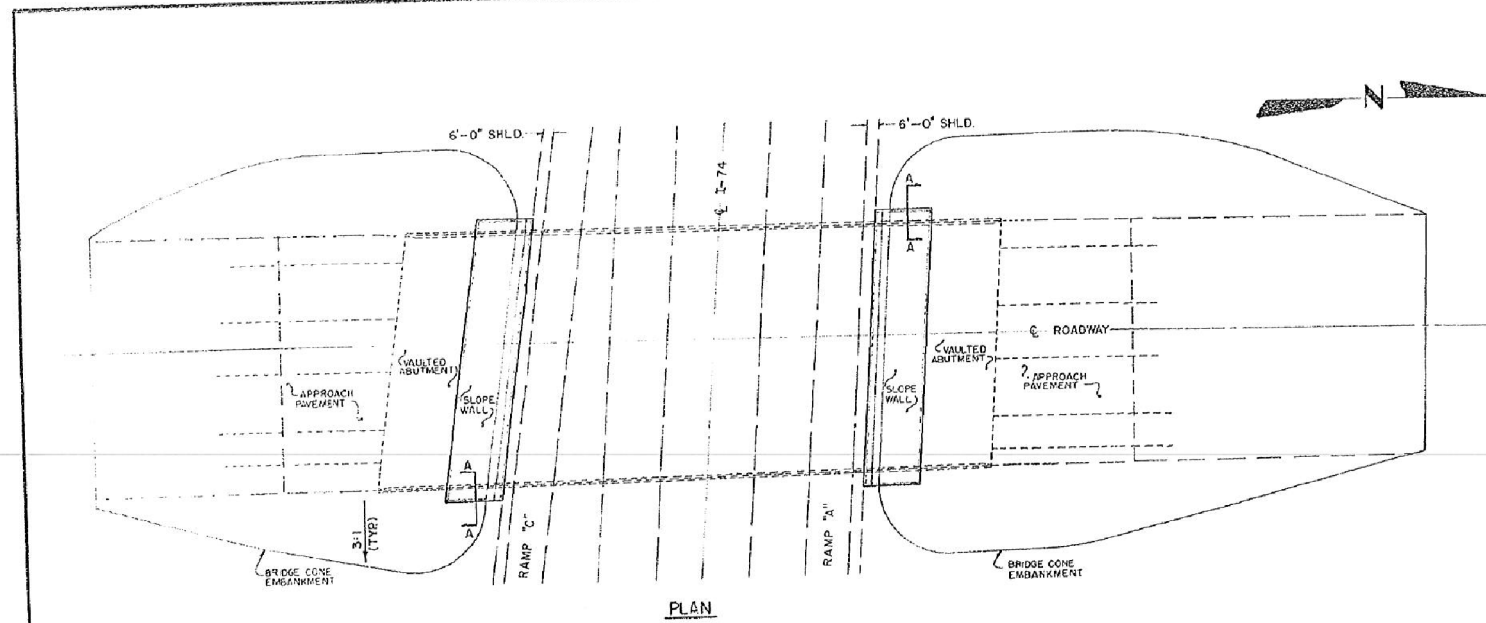
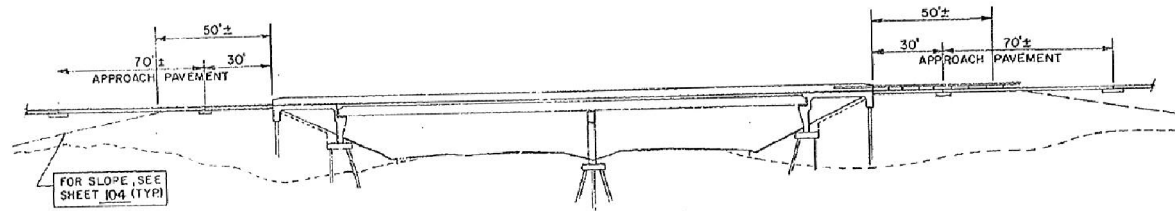


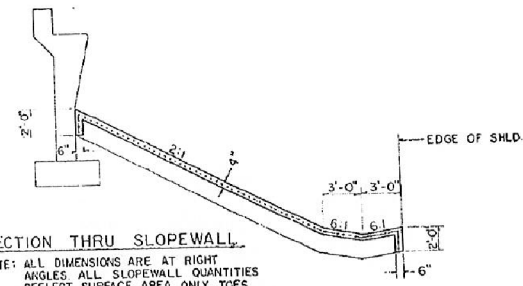
RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 74	*	TAZEWELL	230	22
STA	TO STA			
ILLINOIS				
X 190-15-1, 15-1HB, 15W-1				
SHEET 2 OF 22				



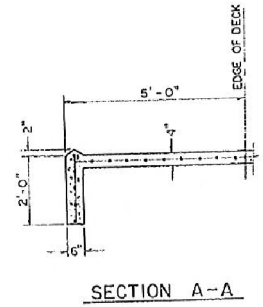
PLAN



ELEVATION



SECTION THRU SLOPEWALL
NOTE: ALL DIMENSIONS ARE AT RIGHT ANGLES. ALL SLOPEWALL QUANTITIES REFLECT SURFACE AREA ONLY. TOES CONSIDERED INCIDENTAL TO SURFACE AREA QUANTITIES.



SECTION A-A

STATION 36+49.87
BUILT 199... BY
STATE OF ILLINOIS
FAU RTE 6729 SEC 60-15-1, 15-1HB, 15W-1
LOADING HS 20
STR. NO. 090-0145

090-0141
NAME PLATE
SEE STANDARD 213

GENERAL NOTES

Fasteners shall be high strength bolts. Bolts $\frac{1}{2}$ " ϕ , open holes $\frac{15}{16}$ " ϕ , unless otherwise noted.
 Calculated weight of AASHTO M223, grade 50 structural steel = 56,450 pounds.
 Calculated weight of AASHTO M183 structural steel = 74,630 pounds.

Field welding of construction accessories will not be permitted to the bottom flange of girders nor to the top flange for a distance equal to one-fourth the span length each way from the pier supports. Field welding in other areas will be permitted only when approved by the Engineer.

Anchor bolts shall be set before bolting diaphragms over supports.
 The main load carrying member components subject to tensile stress shall conform to the Supplemental Requirements for Notch Toughness Zone 2. These components are the tension flanges, webs of the Steel Plate Girders and all Split Plate Material except fill plates.

Reinforcement bars shall conform to the requirements of AASHTO M-31, M-42 or M-53 grade 60 deformed bars.
 Slope wall shall be reinforced with weld wire fabric, 6" x 6" - W40 x W40, weighing 58 lbs. per 100 sq. ft.

The embankment configuration shown shall be the minimum embankment that must be constructed prior to construction of the abutments.
 Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of $\pm 1/8$ ". Adjustment shall be made either by grinding the surface or by shimming the bearing. Two $1/8$ " adjusting shims of the dimensions of the bottom bearing plate shall be provided for each bearing in addition to all other plates or shims. For Type I Elastomeric Bearings, shims of the dimensions of the top plate shall be provided and placed as detailed.

The contractor shall drive one concrete test pile in a permanent location of the South Abutment and one concrete test pile in a permanent location of Pier as directed by the Engineer before ordering the remainder of piles.

Concrete piles of abutments shall be driven in holes precast through the embankment in accordance with Article 513.09 (c) of the Standard Specifications.

The zinc-silicate and vinyl paint system shall be used for shop and field painting of structural steel except where otherwise noted. Munsell No. 10 B 316 Blue.
 SEE SHEET 104 FOR LOCATION AND DETAILS OF SETTLEMENT PLATFORMS
 SEE SHEET 80A FOR DETAILS OF TEMPORARY ACCESS UNDER PROPOSED AND EXISTING BRIDGES.

DESIGNED	L.L. VIELEY
CHECKED	D.L.M.
DRAWN	C.D. SNEEDEN
CHECKED	L.L.V.

AS REVISED

GENERAL NOTES & SLOPEWALL DETAILS
 FAI 74 & FAU 6729
 SECTION 60-15-1, 15-1HB, 15W-1
 TAZEWELL COUNTY
 STATION 36+49.87

R.A.N. CONSULTANTS INC.

FAI 74 (I-74) / FAU 6729 (MORTON AVE.)

AS Revised 1/27/13 NJS

REVISED 6-24

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 =	0900141.68620.16.exist2.dgn
USER NAME =	mbecker
PLOT SCALE =	
PLOT DATE =	7/16/2012

DESIGNED -	JDC	REVISED -	
CHECKED -	MRB	REVISED -	
DRAWN -	PRT	REVISED -	
CHECKED -	MRB	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 STRUCTURE NO. 090-0141

SHEET NO. SD16 OF SD29 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-114R(14HB-4,14,14HV8)BRJ	TAZEWELL	2433	2055
CONTRACT NO. 68620				
ILLINOIS FED. AID PROJECT				

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