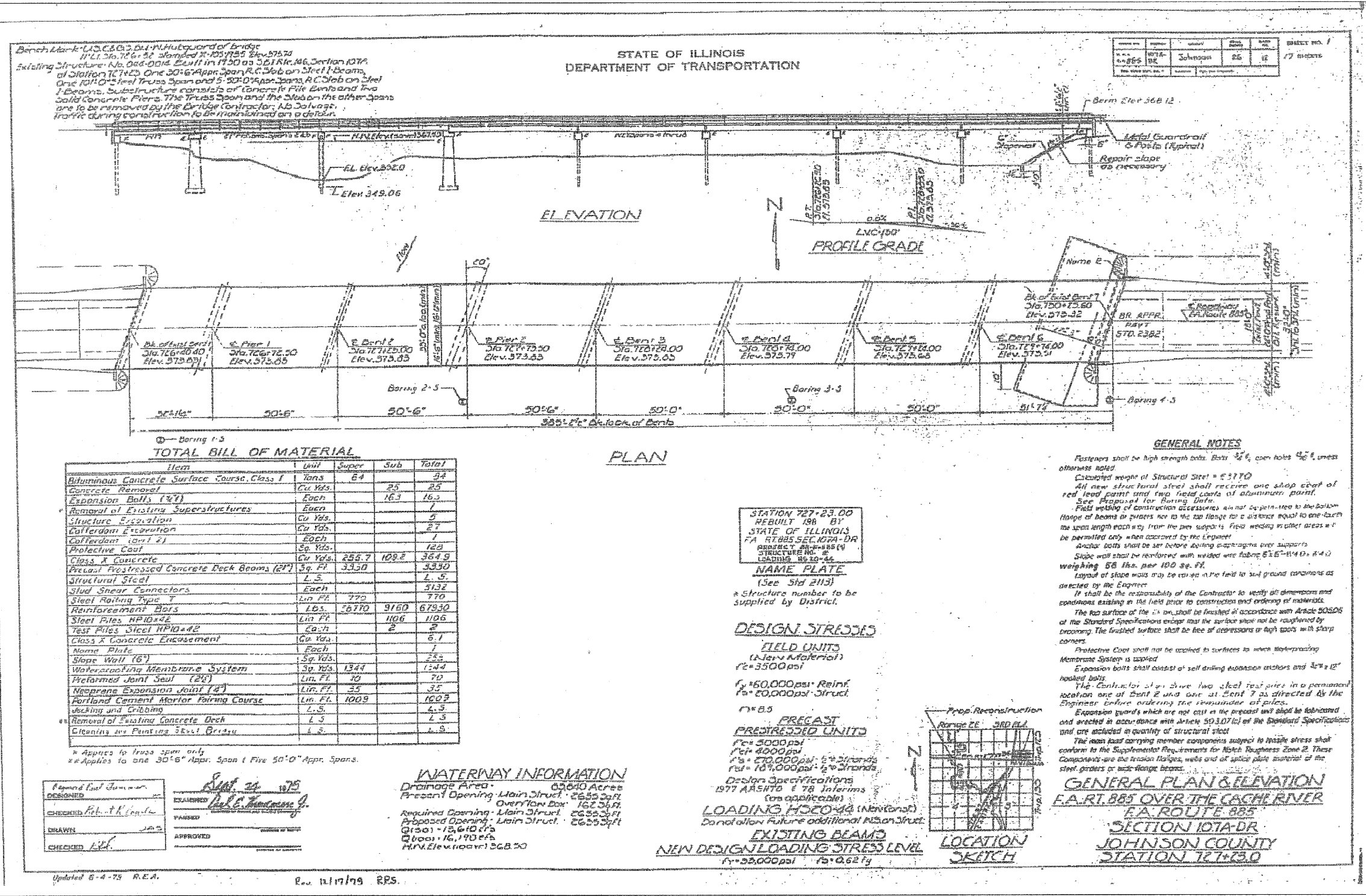


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 885	107BR-1	Johnson	94	41
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract #78030



Bench Mark: U.S.C.G.S. 2114 in Mulholland of Bridge
 U.S.C.G.S. 2114 at Station 727+23.00 Elev. 575.75
 Existing Structure: No. 044-001A Built in 1950 as 50' R.C. Slab on Steel I-Beams
 of Station 727+23.00 One 30'-6" Appr. Span R.C. Slab on Steel I-Beams
 One 10'-0" Truss Span and 5'-0" Appr. Span R.C. Slab on Steel I-Beams.
 Substructure consists of Concrete Fill Embankment and Solid Concrete Piers. The Truss Span and the Slab on the other spans are to be removed by the Bridge Contractor. No Detour Traffic during construction to be maintained on a detour.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub	Total
Bituminous Concrete Surface Course, Class I	Yards	84		84
Concrete Removal	Cu Yds.		25	25
Expansion Bolts (1 1/2")	Each		163	163
Removal of Existing Superstructures	Each			1
Structure Excavation	Cu Yds.		5	5
Collarform Excavation	Each		27	27
Collarform (rent 21)	Each		1	1
Protective Coat	Sq. Yds.		120	120
Class X Concrete	Cu Yds.	255.7	109.2	364.9
Precast Prestressed Concrete Deck Beams (2P)	Sq. Ft.	3330		3330
Structural Steel	L. S.			1.5
Slud Shear Connectors	Each			5132
Steel Railing Type T	Lin. Ft.	770		770
Reinforcement Bars	Lbs.	5770	9160	67930
Steel Piles HP10x42	Lin. Ft.		1106	1106
Test Piles Steel HP10x42	Each		2	2
Class X Concrete Encasement	Cu Yds.			6.1
Name Plate	Each			1
Slope Wall (6')	Sq. Yds.			252
Waterproofing Membrane System	Sq. Yds.	1344		1344
Preformed Joint Seal (2E)	Lin. Ft.	70		70
Neoprene Expansion Joint (4)	Lin. Ft.	35		35
Portland Cement Mortar Form Course	Lin. Ft.	1009		1009
Jacking and Gridding	L. S.			4.5
Removal of Existing Concrete Deck	L. S.			4.5
Cleaning and Painting Steel Braces	L. S.			1.5

* Applies to Intra span only
 ** Applies to one 30'-6" Appr. Span & Five 50'-0" Appr. Spans.

DESIGNED: [Signature]
 CHECKED: [Signature]
 DRAWN: [Signature]
 APPROVED: [Signature]

Updated 6-4-75 R.E.A.
 Rev. 11/17/79 R.P.S.

HAMPTON, LENZINI & RENWICK, INC.
 CIVIL & STRUCTURAL ENGINEERS
 LAND SURVEYORS

3085 STEVENSON DRIVE, SUITE 201
 SPRINGFIELD, ILLINOIS 62703
 (217) 546-3400

EXISTING STRUCTURE PLANS
 IL. ROUTE 146 OVER CACHE RIVER
 F.A.P. ROUTE 885 / SECTION 107BR-1
 JOHNSON COUNTY
 STATION 727+23.00
 STRUCTURE NO. 044-001A

ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-52-0007-1 DATE: 04/02/08
 DESIGNED: S.M.S. CHECKED: M.D.C. DRAWN: D.T.M.