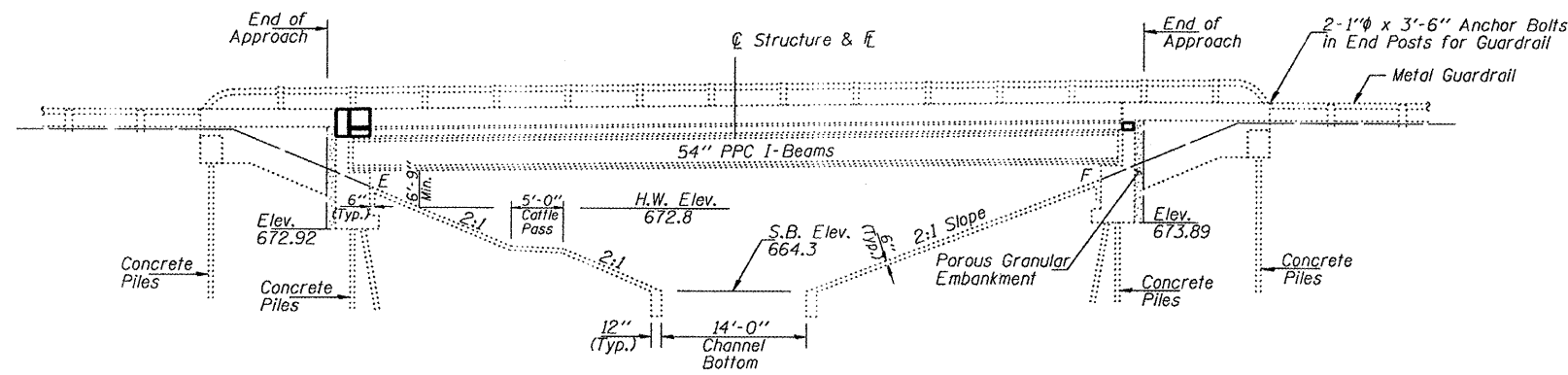


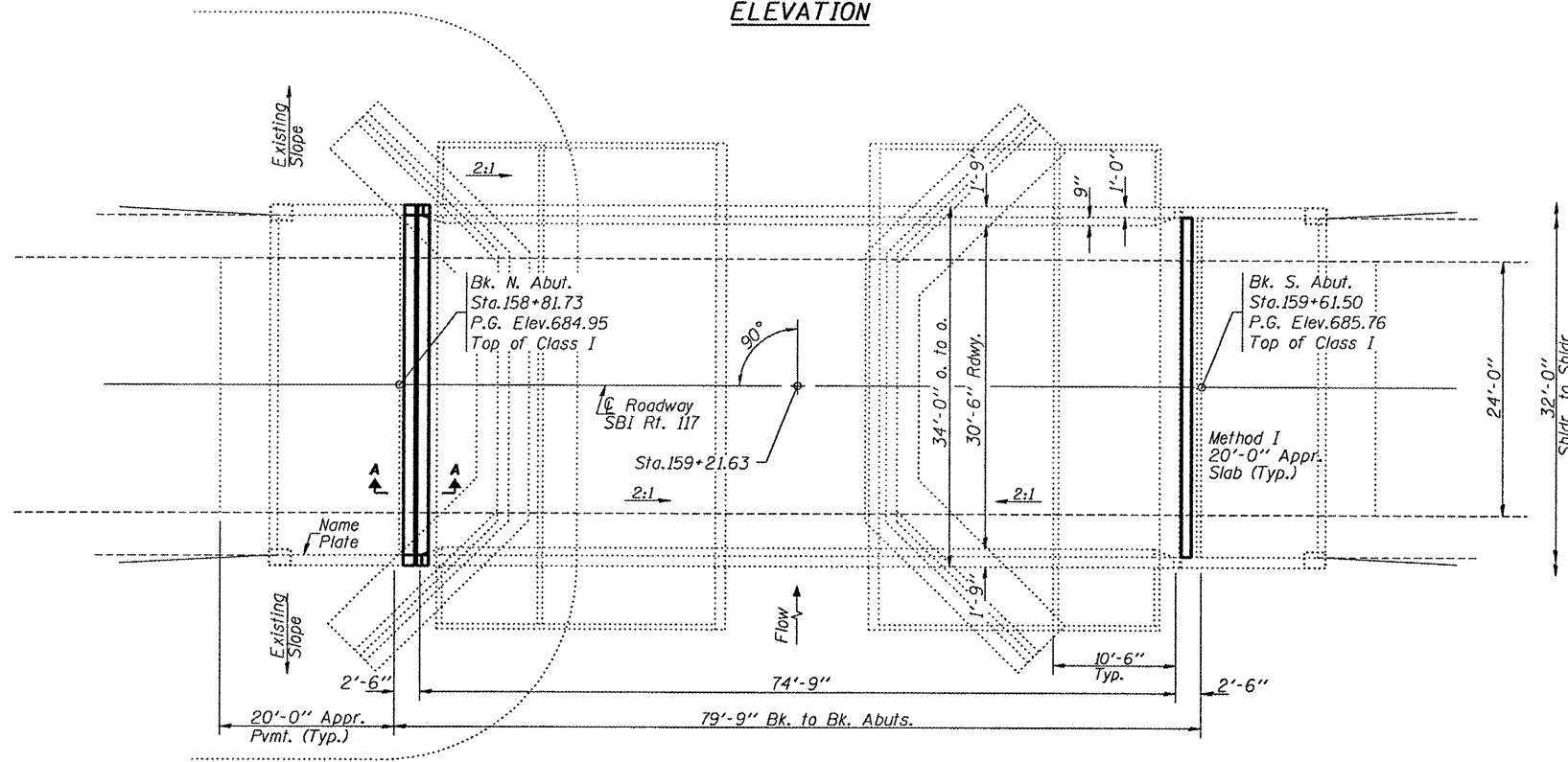
B.M. - Dept. of Interior B.M. 32KED-1968; Brass Cap NE Wingwall - Elev. 684.677

Existing Structure - Structure Sta. 159+29 Built 1923  
Superstructure 43' RC thru Girder,

Substructure RC Abuts. - removed 1973 - new bridge



ELEVATION



PLAN

GENERAL NOTES

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.

Drain Box elevations shall remain during milling process and application of new latex concrete. Existing drain edge tapers shall be duplicated in new wearing surface.

All construction joints shall be bonded.

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

Reinforcement bars designated (E) shall be epoxy coated.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

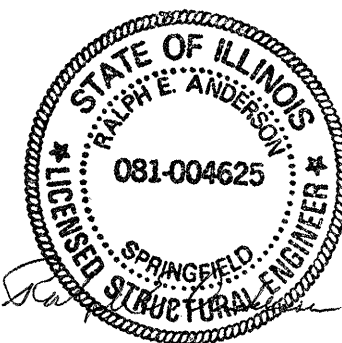
Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50° F.

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Base Course Widening, 9"	Sq. Yd.	227
Polymerized Bituminous Materials (Prime Coat)	Gallon	22
HMA Surface Course, Mix "D", N50	Ton	15
Protective Coat	Sq. Yd.	327
Concrete Superstructure	Cu. Yd.	13.6
Bridge Deck Grooving	Sq. Yd.	258
Reinforcement Bars, Epoxy Coated	Pound	1480
Bar Splicers	Each	17
Thermal Spraying (Metallizing) PPC Beam Ends	Sq. Ft.	414
Blast Cleaning PPC Beam Ends	Foot	40
Structural Repair of Concrete	Sq. Ft.	18
Preformed Joint Strip Seal	Foot	36
Bridge Deck Latex Concrete Overlay, 2 1/4"	Sq. Yd.	261
HMA Surface Removal-Butt Joint	Sq. Yd.	178
Bridge Deck Hydro-Scarification, 1/2"	Sq. Yd.	261
Erosion Control Curb	Foot	925
Concrete Removal	Cu. Yd.	13.5
HMA Surface Removal Deck	Sq. Yd.	261
Removing and Re-erecting Existing Rail	Foot	88
Polymer Concrete	Cu. Ft.	1.7

DESIGN STRESSES  
FIELD UNITS

f<sub>y</sub> = 60,000 psi (Reinforcement)  
f'<sub>c</sub> = 3,500 psi (Concrete)



Expires Nov. 30, 2010

FILE NAME =	USER NAME = *USER*	DESIGNED - CEJ	REVISED -
*FILEL*		DRAWN - CEJ	REVISED -
	PLOT SCALE = *SCALE*	CHECKED -	REVISED -
	PLOT DATE = *DATE*	DATE - 07/30/2009	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION

SCALE: SHEET NO. OF SHEETS STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
702	014BR-1I	WOODFORD	23	8
MISC. BRIDGE REPAIRS			CONTRACT NO. 68928	
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

SN. 102-0041 IL.117 ovr  
MILL CRK. S. of US24