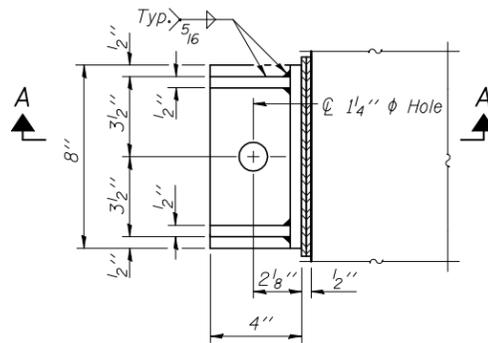


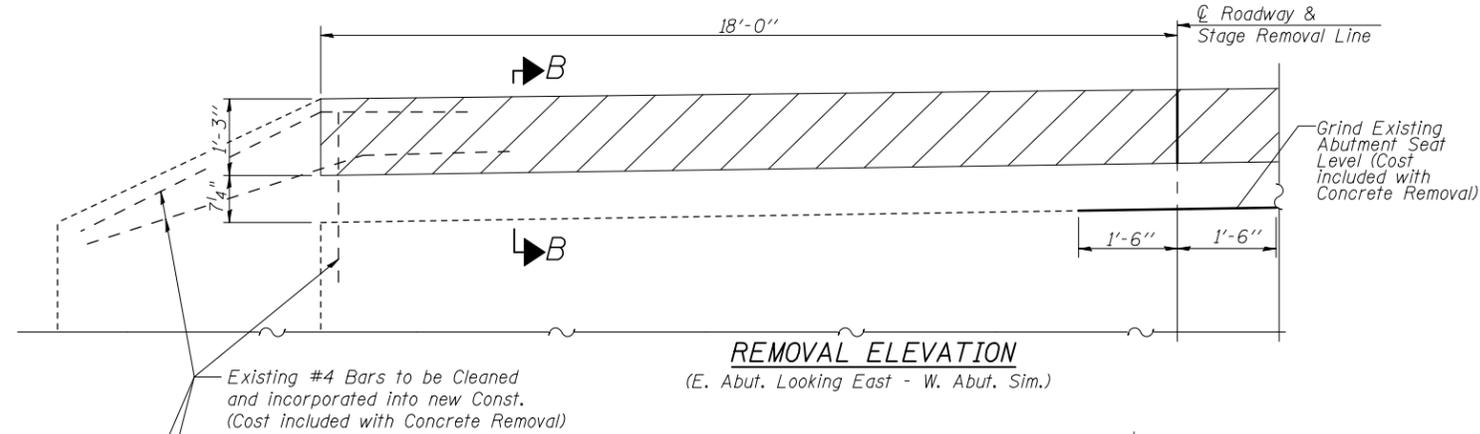
SECTION A-A



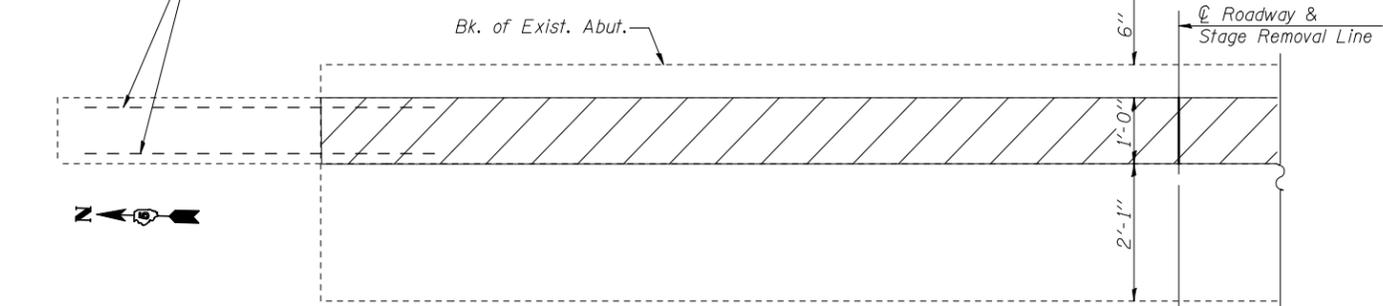
PLAN

Notes:
 Cost of retainer, accessories and temporary retainer removal are included with Precast Prestressed Concrete Deck Beams.
 Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.
 The side retainers shall be galvanized after shop fabrication according to AASHTO M 111 and ASTM 385.
 Burn existing anchor bolts flush with existing concrete surface. Grind existing anchor bolts smooth and seal with epoxy. Cost included in Removal of Existing Superstructure.
 Anchor bolts and plate washers shall be galvanized according to AASHTO M 232.
 Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. ASTM A307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy=36ksi). The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.
 Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.
 After the concrete overlay is poured and cured, the steel wedges shall be removed

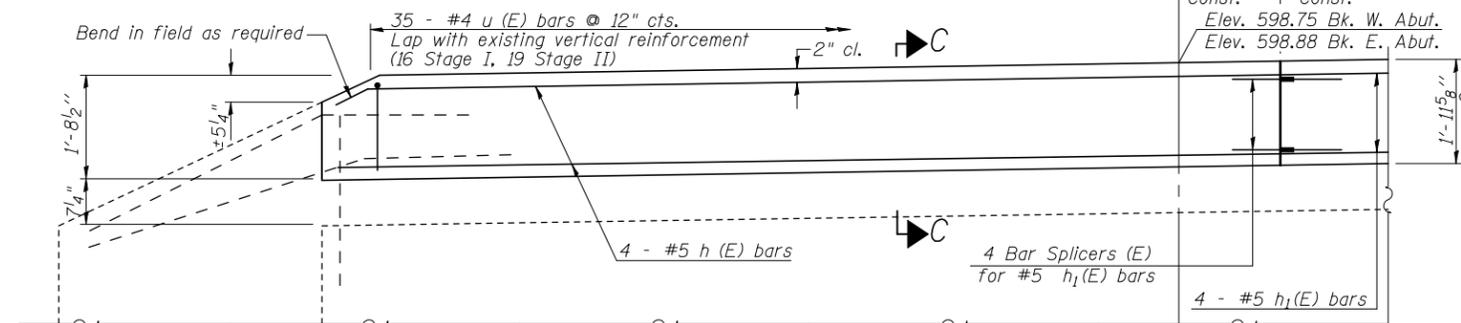
PERMANENT AND TEMPORARY SIDE RETAINERS AT ABUTMENTS



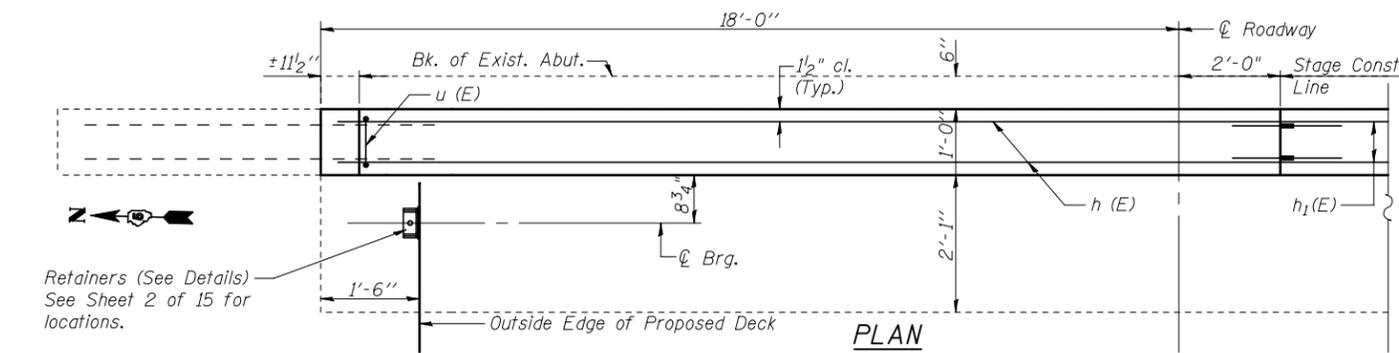
REMOVAL ELEVATION
(E. Abut. Looking East - W. Abut. Sim.)



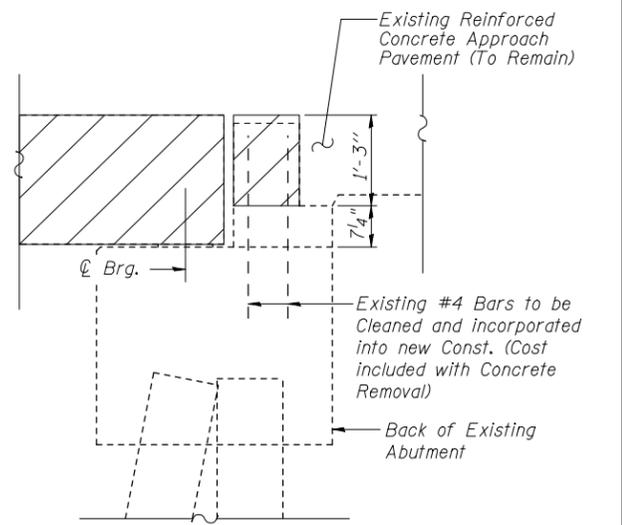
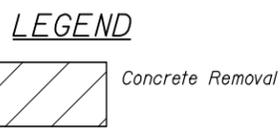
REMOVAL PLAN
(E. Abut. Shown - W. Abut. Sim.)



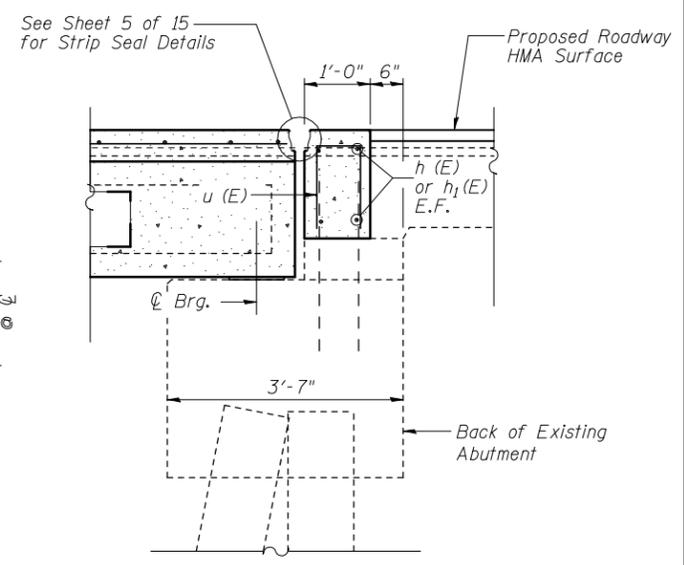
ELEVATION
(E. Abut. Looking East - W. Abut. Sim.)



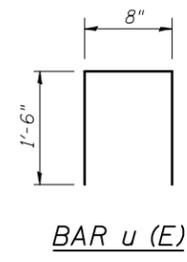
PLAN
(E. Abut. Shown - W. Abut. Sim.)



SECTION B-B



SECTION C-C



BAR u (E)

SUBSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	8	#5	19'-9"	—
h1(E)	8	#5	15'-9"	—
u(E)	70	#5	3'-8"	□
Concrete Removal			Cu. Yd.	3.3
Reinforcement Bars, Epoxy Coated			Pound	570
Bar Splicers			Each	8
Concrete Superstructure			Cu. Yd.	4.5
Anchor Bolts 1"			Each	10

BLANK, WESSELINK, COOK & ASSOCIATES ENGINEERS - CONSULTANTS DECATUR, ILLINOIS DESIGN FIRM NO. 18400894

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ABUTMENT AND RETAINER DETAILS STRUCTURE NO. 023-0025

FILE NAME =	USER NAME =	DESIGNED <i>PBB</i>	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION ABUTMENT AND RETAINER DETAILS STRUCTURE NO. 023-0025 SHEET NO. 9 OF 15 SHEETS	F.A.P. RTE. 323	SECTION 150BR-1	COUNTY EDGAR	TOTAL SHEETS 48	SHEET NO. 26
		CHECKED <i>RJC/SAL</i>	REVISD -		CONTRACT NO. 70609				
		DRAWN <i>MLO</i>	REVISD -		ILLINOIS FED. AID PROJECT				
		CHECKED <i>PBB</i>	REVISD -						