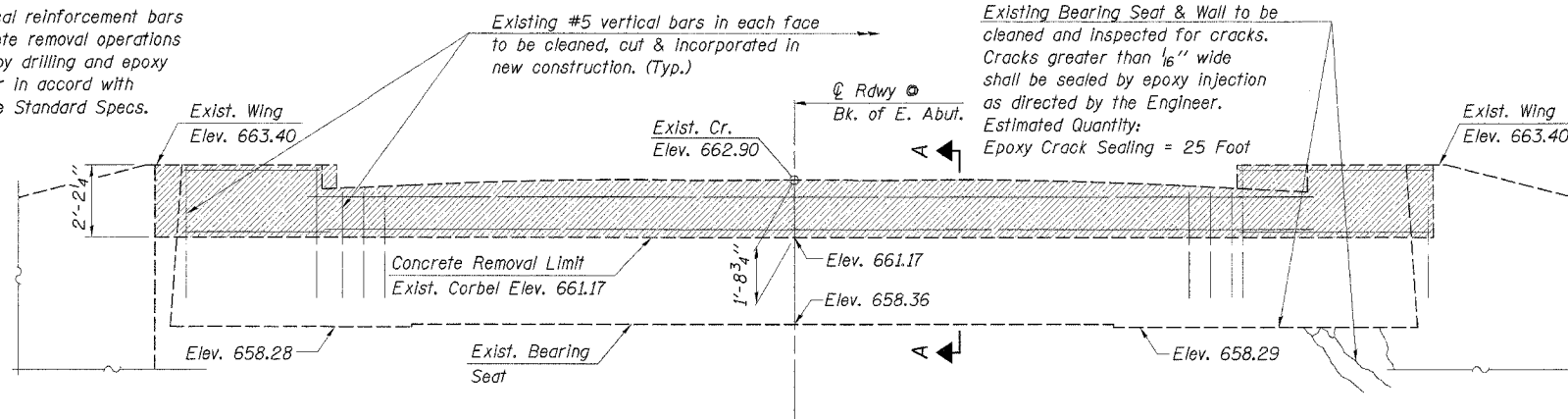


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 16	04-00209-01-BR	PIATT	18	18

ILLINOIS
CONTRACT NO. 91339
Sheet 15 of 15

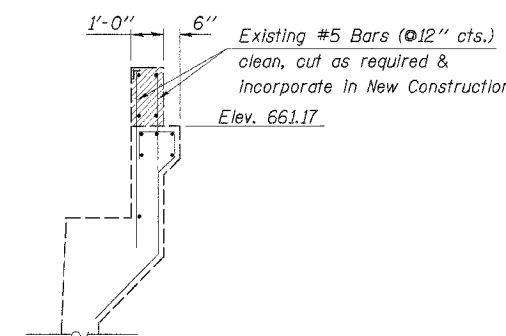
Note: Any existing vertical reinforcement bars damaged by concrete removal operations shall be replaced by drilling and epoxy grouting a new bar in accord with Section 584 of the Standard Specs.



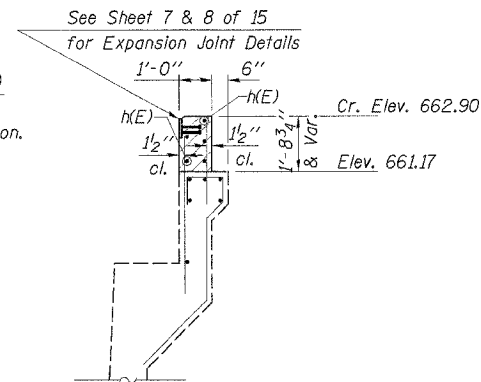
ELEVATION (CONCRETE REMOVAL)

(Looking East)

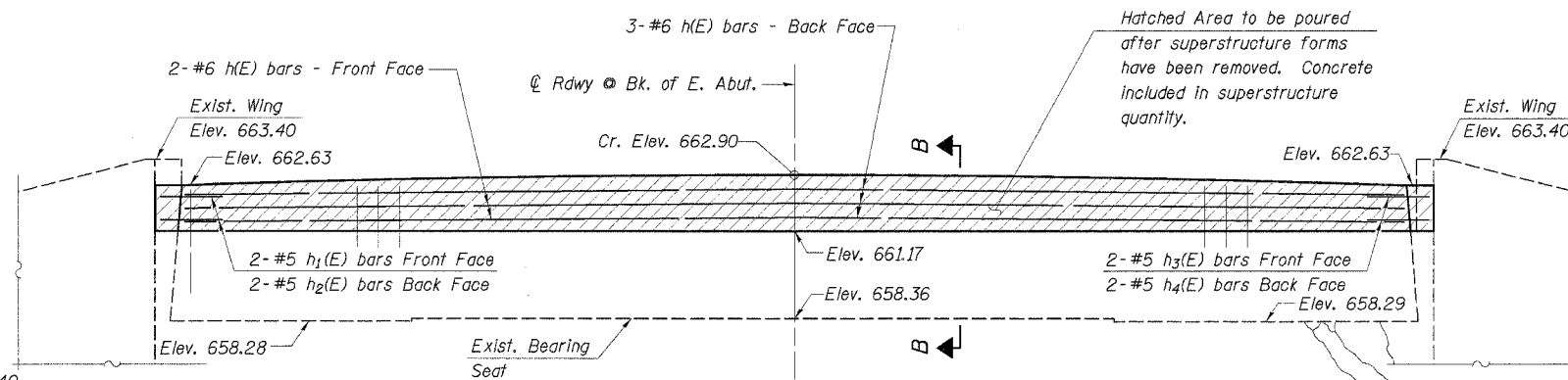
Existing Bearing Seat & Wall to be cleaned and inspected for cracks. Cracks greater than 1/16" wide shall be sealed by epoxy injection as directed by the Engineer. Estimated Quantity: Epoxy Crack Sealing = 25 Foot



SECTION A-A



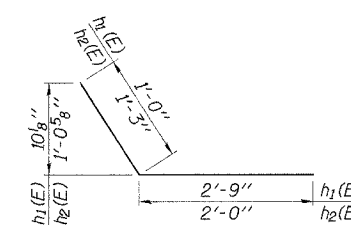
SECTION B-B



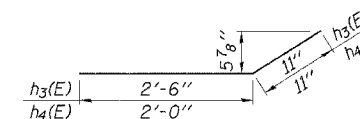
ELEVATION (CONCRETE REPLACEMENT)

(Looking East)

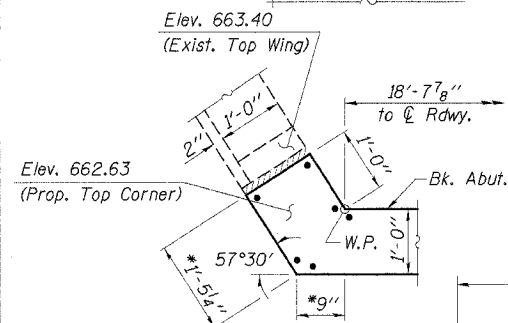
Hatched Area to be poured after superstructure forms have been removed. Concrete included in superstructure quantity.



BARS h1(E) & h2(E)

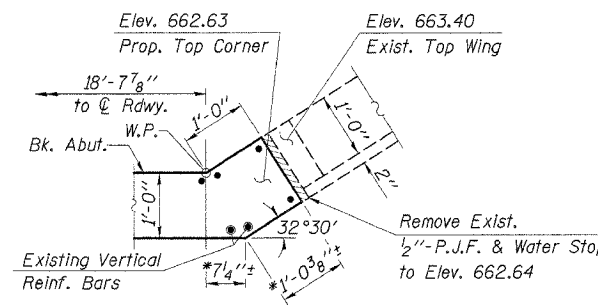


BARS h3(E) & h4(E)



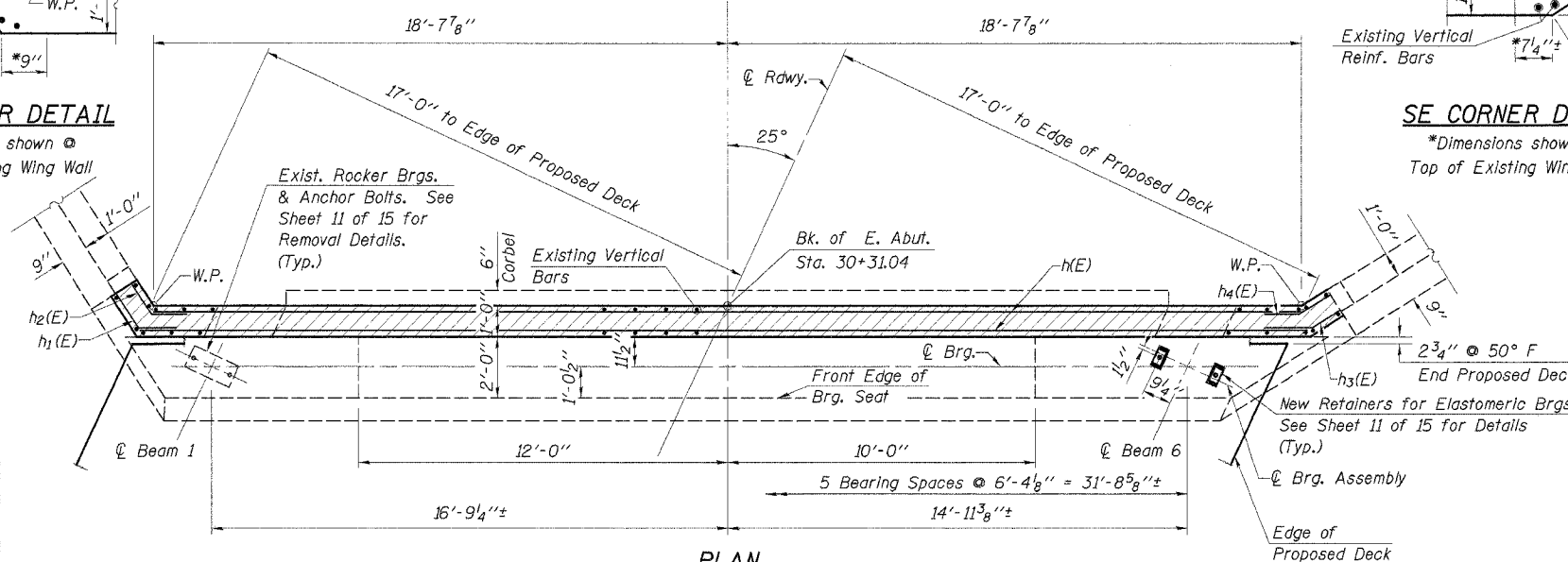
NE CORNER DETAIL

*Dimensions shown @ Top of Existing Wing Wall



SE CORNER DETAIL

*Dimensions shown @ Top of Existing Wing Wall



PLAN

BILL OF MATERIAL - EAST ABUT.

Bar	No.	Size	Length	Shape
h(E)	5	#6	37'-4"	
h1(E)	2	#5	3'-9"	
h2(E)	2	#5	3'-3"	
h3(E)	2	#5	3'-5"	
h4(E)	2	#5	2'-11"	
Porous Granular Embankment		Ton	15	
Epoxy Crack Sealing		Foot	25	
Concrete Removal		Cu. Yd.	2.8	
Reinforcement Bars, Epoxy Coated		Pound	310	
Protective Coat		Sq. Yd.	5	
Structure Excavation		Cu. Yd.	7	

All joints between existing concrete and new concrete shall be Bonded Construction Joints. Reinforcement bars designated (E) shall be epoxy coated. Protective coat shall be applied to the roadway surface of hatched area shown in Plan View.

REHABILITATION PROJECT

DESIGNED	A.R.K.
CHECKED	S.F.M.
DRAWN	S.A.P.
CHECKED	F.J.S.

EAST ABUTMENT

C.H. 16 OVER LAKE FORK
SECTION 04-00209-01-BR
PIATT COUNTY
STATION 29+55

4440 ASH GROVE
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(217) 793-8600
oasinc@amvid.com

OZYURT AND STONE, INC.
CONSULTING ENGINEERS

JOB NO.: 0418
FILE: 0418EABUT.DGN
DATE: 05-23-05