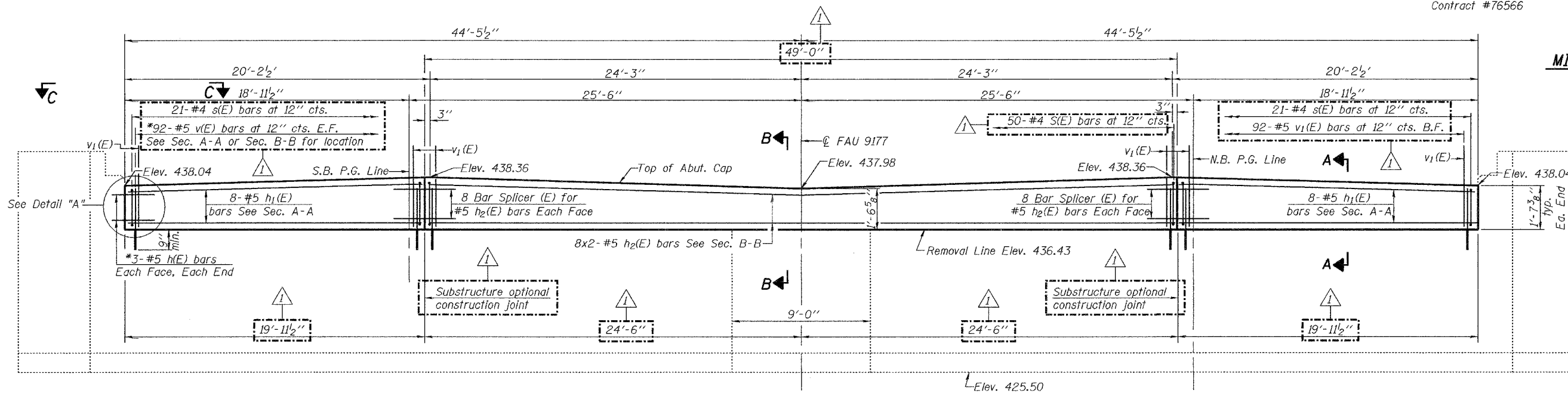


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 8
F.A.U. 9177	44-1BR	St. Clair	29	23	10 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

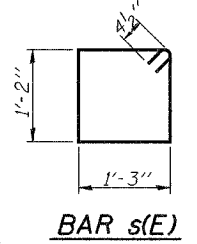
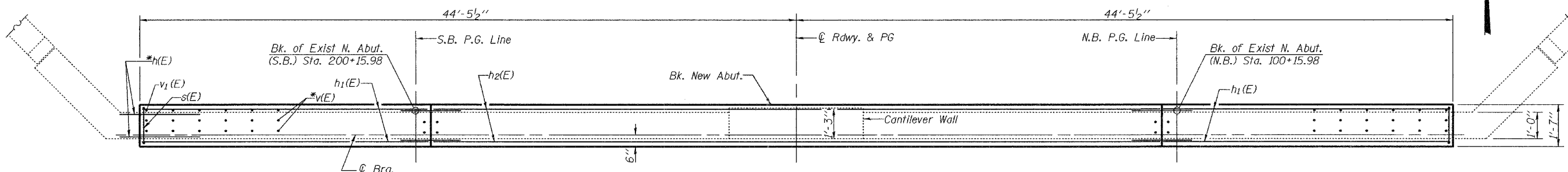
Contract #76566



**MINIMUM BAR LAP**  
#5 bar - 1'-8"

\*Epoxy grout h(E) and v(E) bars in 9" min. drilled holes according to Section 584 of the Standard Specifications.

**ELEVATION**  
(Looking North)

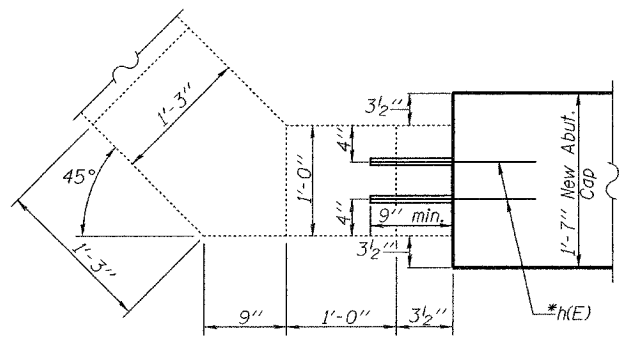


**PLAN**

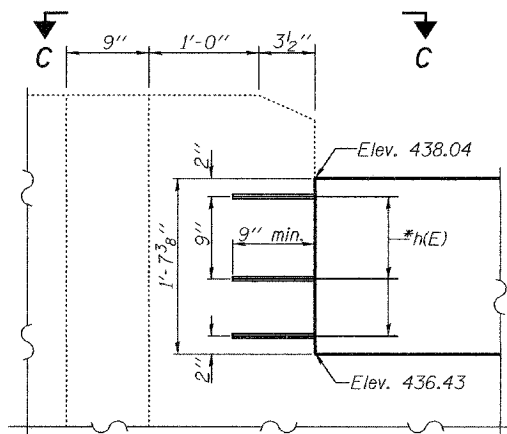
**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h(E)	12	#5	2'-1"	—
h1(E)	16	#5	19'-8"	—
h2(E)	16	#5	25'-4"	—
s(E)	92	#4	5'-7"	□
v(E)	184	#5	2'-5"	—
v1(E)	92	#5	3'-1"	—
Concrete Structures			Cu. Yd.	9.2
Reinforcement Bars, Epoxy Coated			Pound	1880

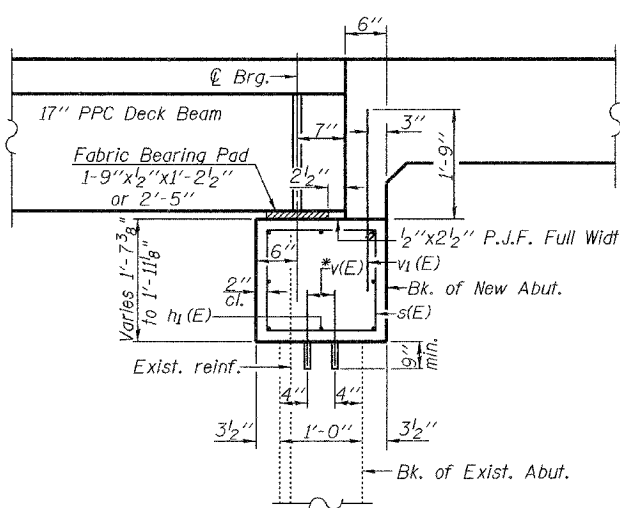
Bars indicated thus 8 x 2-#5 etc. indicates 8 lines of bars with 2 lengths per line.



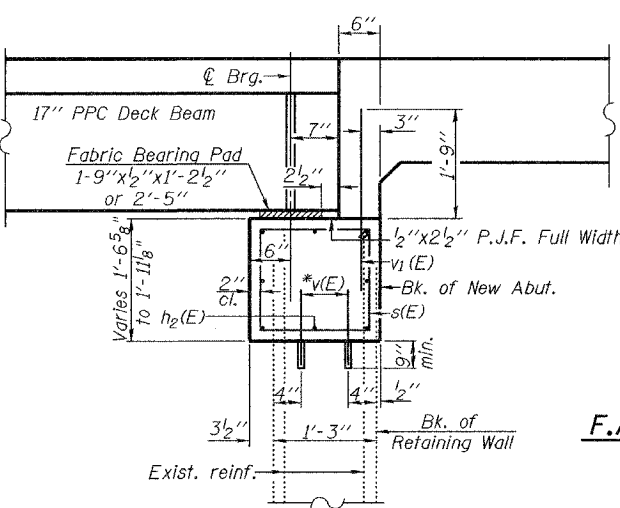
**VIEW C-C**



**DETAIL "A"**



**SECTION A-A**



**SECTION B-B**

DESIGNED Nicholas Barnett  
CHECKED Ray Ahanchi  
DRAWN R. Sommer  
CHECKED NRB/GRA

December 7, 2006  
EXAMINED Thomas Demagala  
PASSED Ralph E. Anderson

**NORTH ABUTMENT**  
F.A.U. ROUTE 9177-SECTION 44-1BR  
ST. CLAIR COUNTY  
STATION 100+00.00 (NB)  
STATION 200+00.00 (SB)  
S.N. 082-0096 (NB) & 082-0097 (SB)