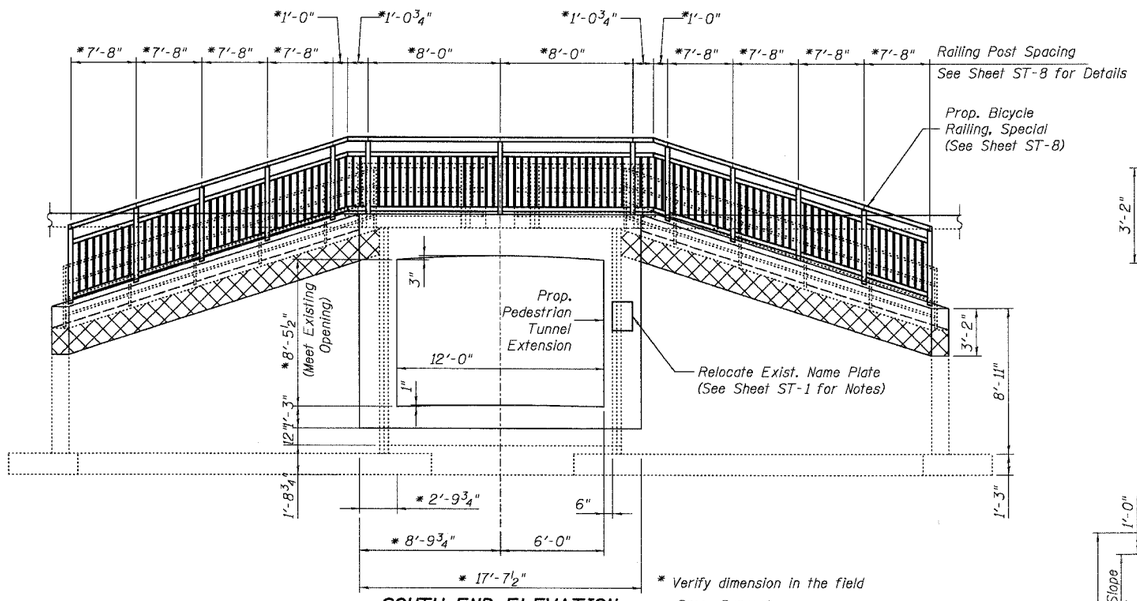
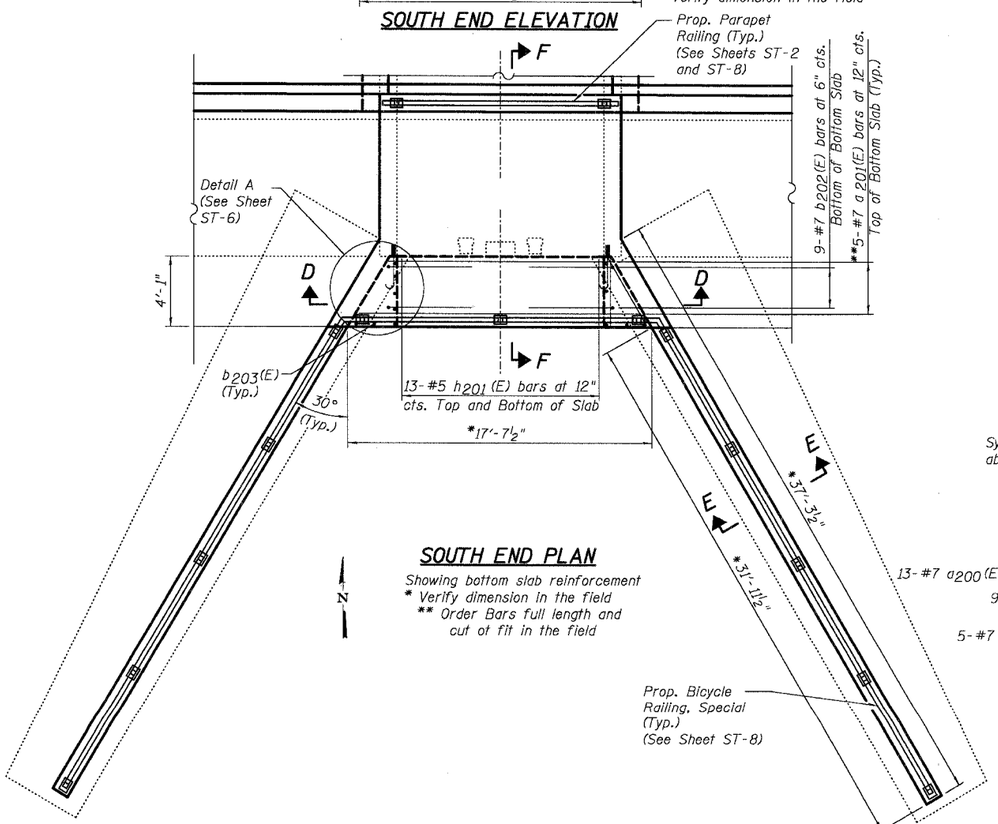
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 1517	03-00247-00-BR	KANE	121	78
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-		

SHEET NO. ST-7
ST-12 SHEETS

CONTRACT #83867

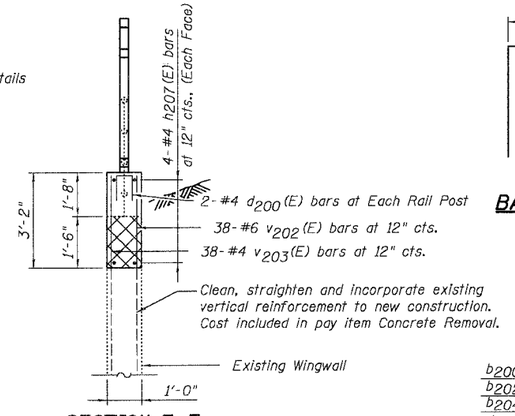


SOUTH END ELEVATION

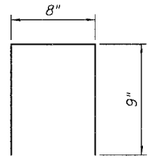


SOUTH END PLAN

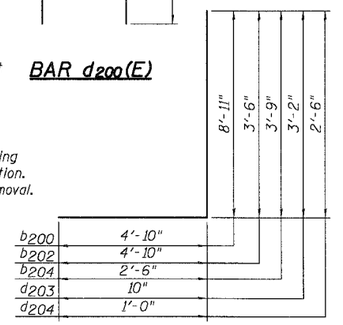
Showing bottom slab reinforcement
* Verify dimension in the field
** Order Bars full length and cut of fit in the field



SECTION E-E



BAR d200(E)

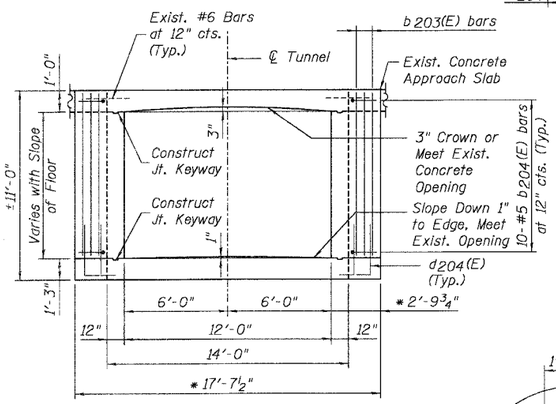


BAR b200(E), b202(E), b204(E), d203(E) and d204(E)

SOUTH EXTENSION BILL OF MATERIAL

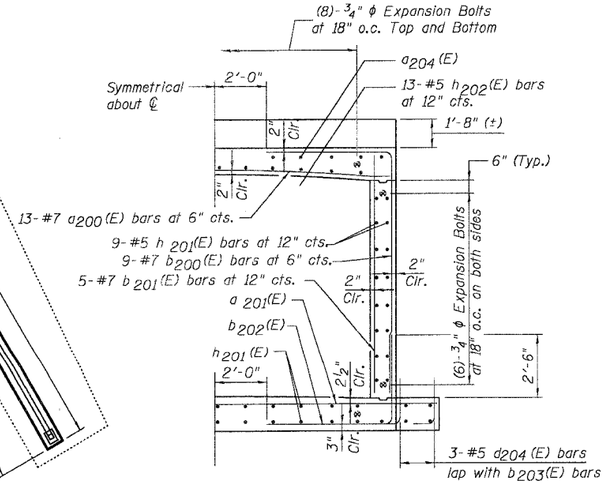
Bar	No.	Size	Length	Shape
d200(E)	13	# 7	18'-5"	
d201(E)	5	# 7	17'-3"	
b202(E)	18	# 7	13'-9"	
b201(E)	10	# 7	8'-11"	
b200(E)	18	# 7	8'-4"	
b203(E)	14	# 5	9'-5"	
b204(E)	20	# 5	6'-3"	
h201(E)	62	# 5	3'-9"	
h202(E)	13	# 5	6'-0"	
h207(E)	16	# 4	37'-0"	
d202(E)	26	# 4	2'-2"	
d203(E)	30	# 6	4'-0"	
d204(E)	6	# 5	3'-6"	
c200(E)	6	# 4	13'-8"	
v202(E)	76	# 6	3'-0"	
v203(E)	76	# 4	3'-0"	
Reinforcement Bars, Epoxy Coated			Pound	3,440
Concrete Structures			Cu. Yd.	17.3
Expansion Bolts 3/4 Inch			Each	28
Concrete Removal			Cu. Yd.	8.9

Notes:
Reinforcement Bars designated (E) shall be Epoxy Coated.
Cost of Rubbed Finish included in the pay item Concrete Structures

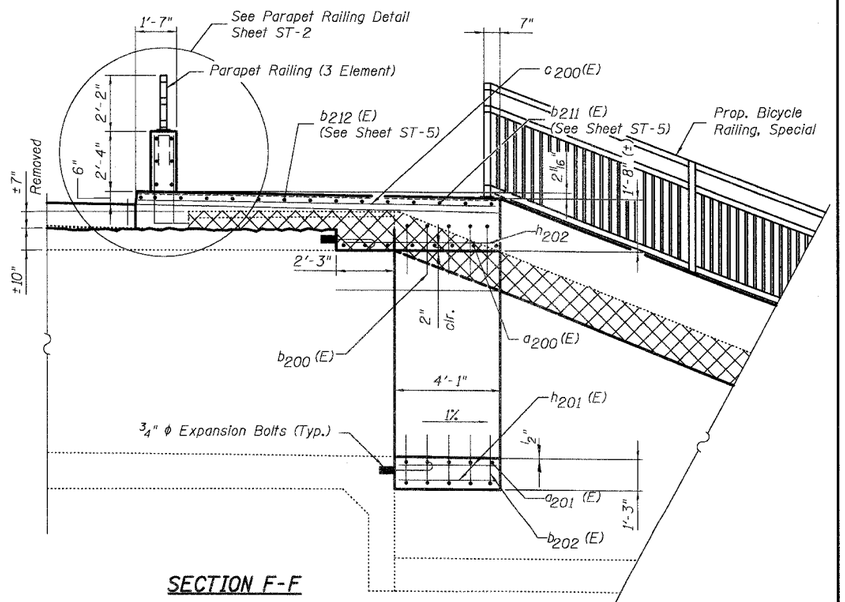


SECTION D-D

* Verify dimension in the field



HALF SECTION D-D SHOWING REINFORCEMENT



SECTION F-F

DESIGNED	AEU
CHECKED	RGD
DRAWN	WJH
CHECKED	NRF

SMITH ENGINEERING CONSULTANTS, INC.
CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS

REVISIONS	
NAME	DATE

CITY OF AURORA

TUNNEL EXTENSION DETAILS - SOUTH END
PEDESTRIAN TUNNEL
ILLINOIS AVENUE
OVER THE FOX RIVER
SECTION NO. 03-00247-00-BR
KANE COUNTY

DATE 7-28-2006