ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 1517	03-00247-00-BR	KANE	121	76
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-		

CONTRACT #83867

SHEET NO. ST-5
ST-12 SHEETS

LEGEND:

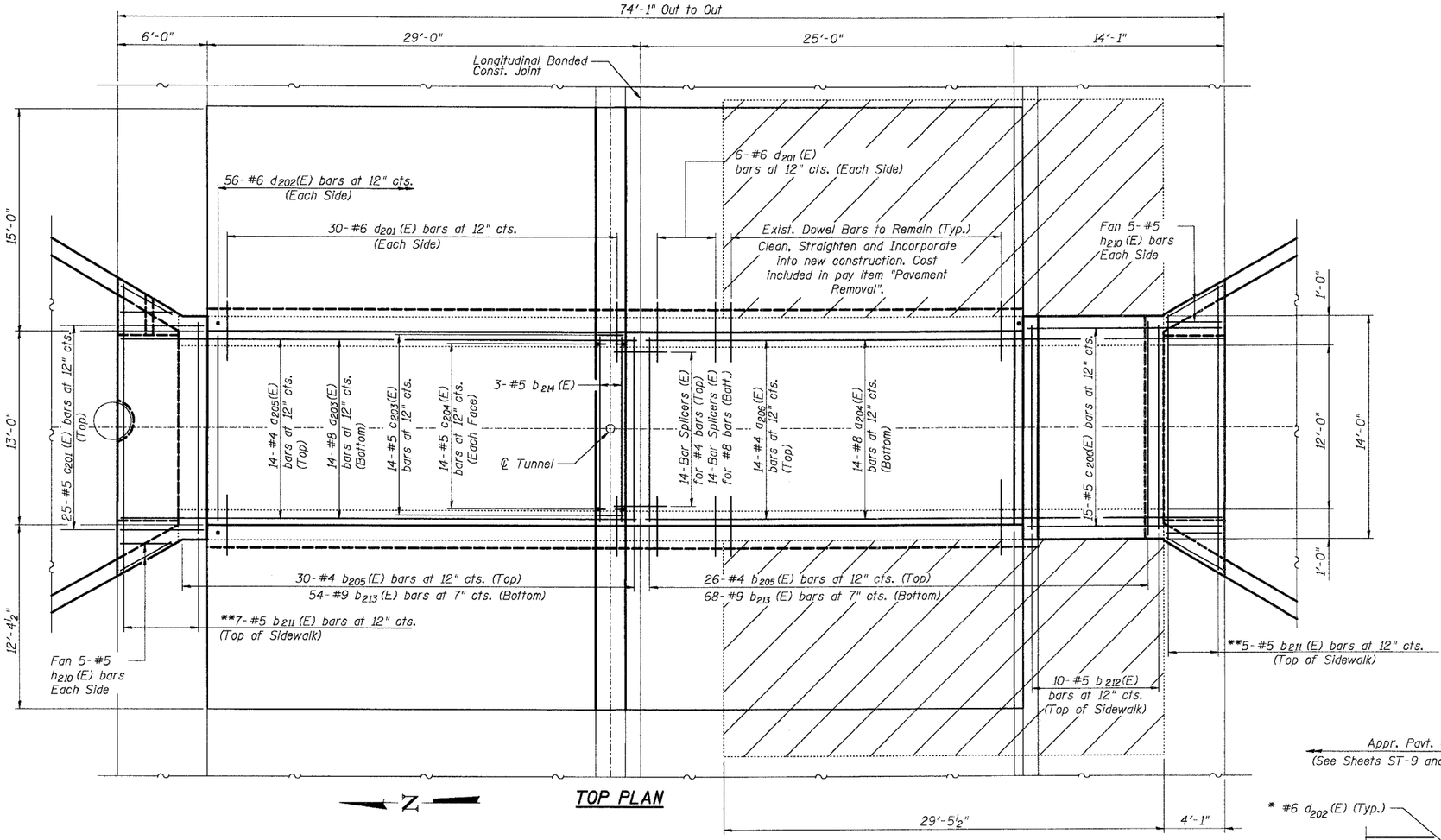
Existing Approach Pavement to be removed

BILL OF MATERIALS

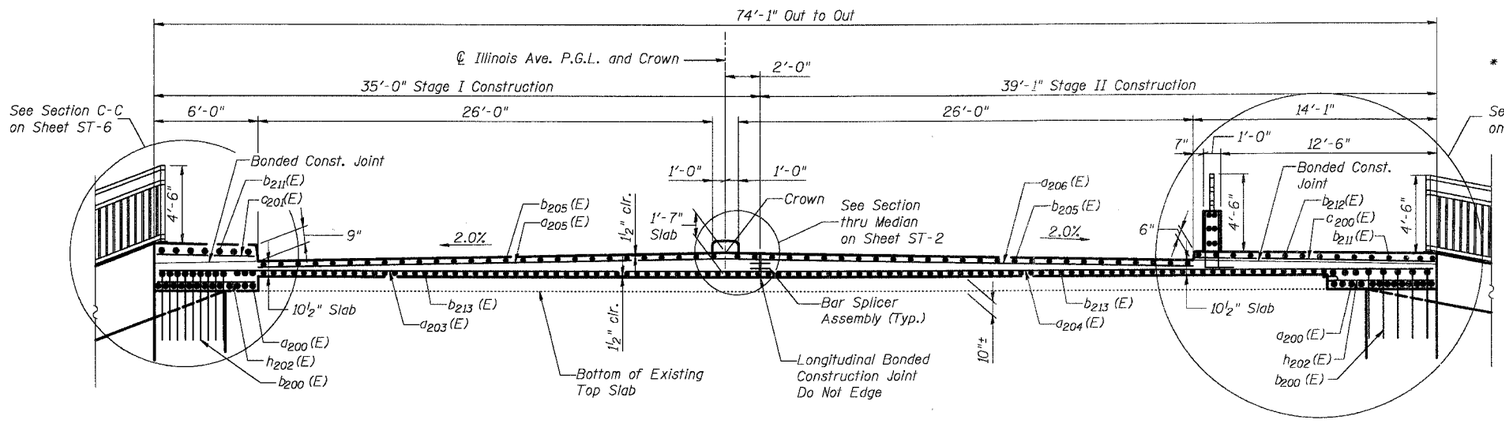
Bar	No.	Size	Length	Shape
a_{E03} (E)	14	# 8	34'-8"	
a_{E04} (E)	14	# 8	38'-9"	
a_{E05} (E)	14	# 4	28'-10"	
a_{E06} (E)	14	# 4	24'-10"	
b_{E04} (E)	122	# 9	12'-8"	
b_{E05} (E)	56	# 4	12'-8"	
b_{E06} (E)	3	# 5	12'-8"	
b_{E11} (E)	12	# 5	18'-5"	
b_{E12} (E)	10	# 5	13'-8"	
c_{E00} (E)	15	# 5	13'-8"	
c_{E01} (E)	15	# 5	5'-8"	
c_{E03} (E)	14	# 5	1'-8"	
c_{E04} (E)	28	# 5	1'-3"	
d_{E01} (E)	72	# 6	5'-1"	
d_{E02} (E)	112	# 6	3'-0"	
h_{E06} (E)	30	# 5	6'-8"	
h_{E10} (E)	20	# 5	3'-9"	
Reinforcement Bars, Epoxy Coated		Pound	10,980	
Concrete Superstructure		Cu. Yd.	44.7	
Protective Coat		Sq. Yd.	127	

NOTES:

Reinforcement bars designated (E) shall be epoxy coated.
Work this sheet with sheets ST-6 and ST-7.
See sheet ST-2 for Section Thru Median.
See sheets ST-9 amd ST-10 for Approach Pavement (Special) Details.

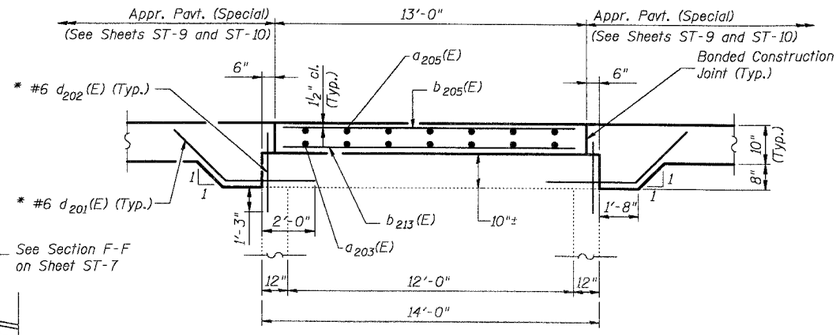


TOP PLAN



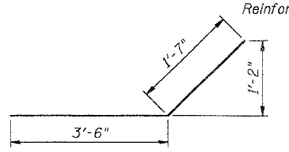
TYPICAL DECK CROSS SECTION

(Looking East)

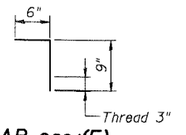


SECTION THRU TOP OF DECK

Approach Pavement (Special) Reinforcement not shown.



BAR d_{201}(E)



BAR c_{204}(E)

* Drill and Epoxy Grout bars in drilled holes according to Article 584 of the Standard Specifications.

** Order bars full length and cut to fit in the field.

DESIGNED	AEU
CHECKED	RGD
DRAWN	WJH
CHECKED	NRF

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

REVISIONS	
NAME	DATE

CITY OF AURORA

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

DATE 7-28-2006

COMPANY NAME: SEC Inc.
PROJECT CONTACT: #PROJECT.CONTACT#
PLOTTED: 8/2/2006 1:40:48 PM
DWG: N:\projects\03\00247\Structure\Tunnel\Sheets\ST05-ST06-ST08-ST12-ST13-ST14.dgn