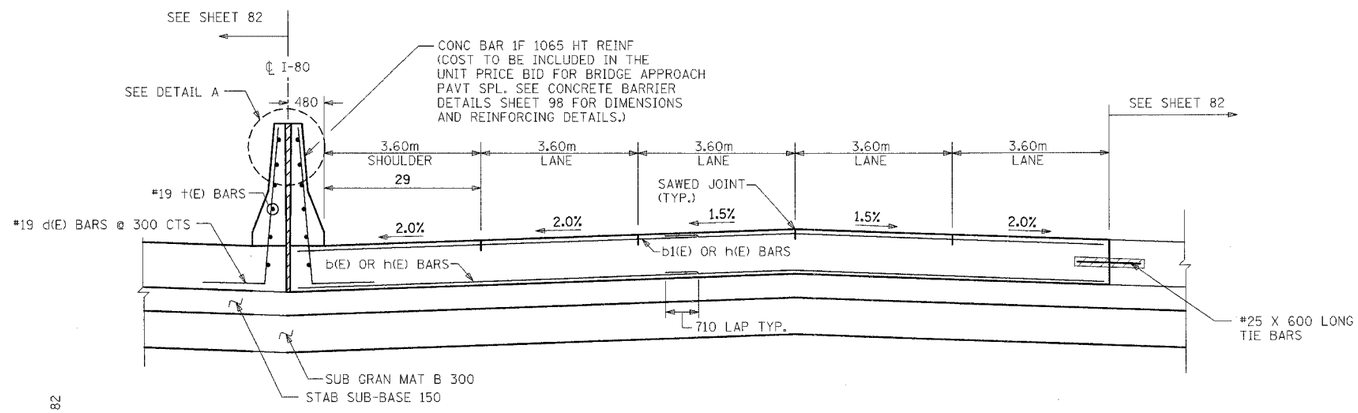
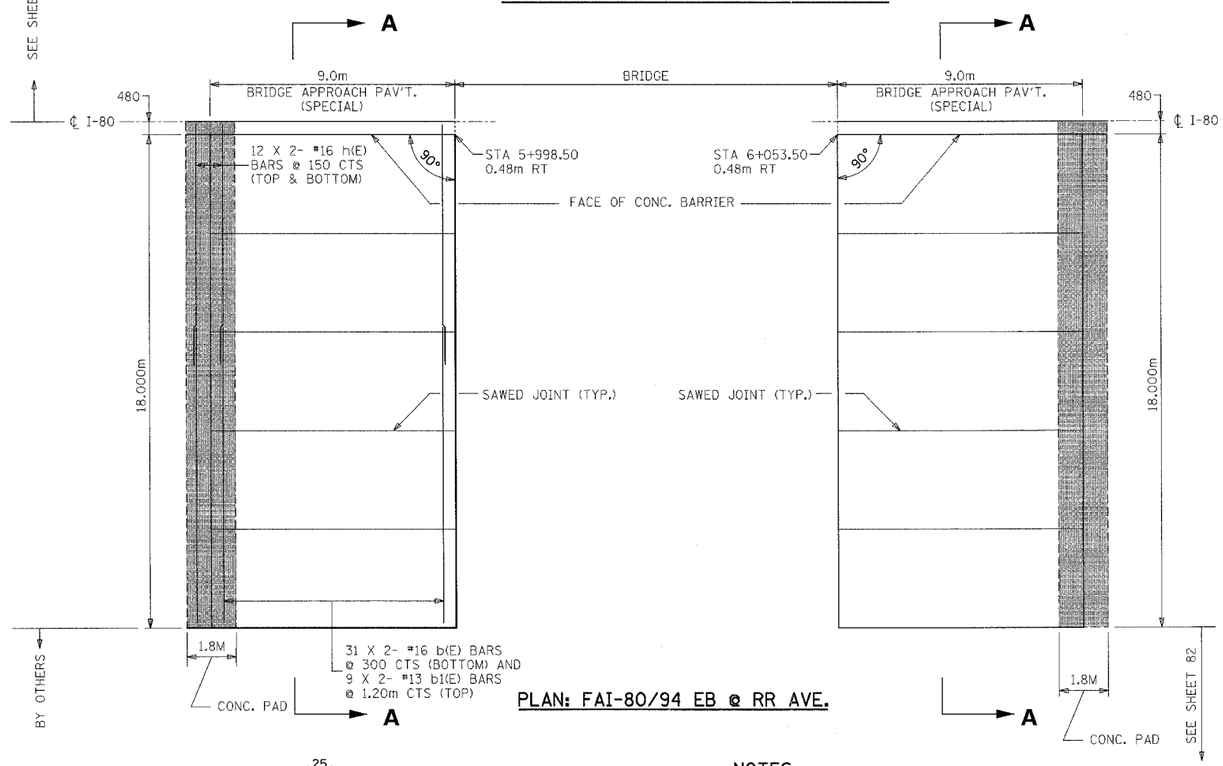
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	81
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

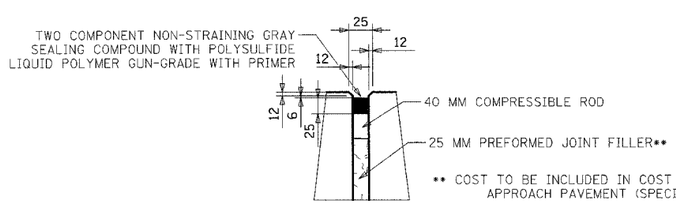
* (2425 & 2626) R-2 CONTRACT NO. 62111



SECTION A-A: FAI-80/94 EB @ RR AVE.



PLAN: FAI-80/94 EB @ RR AVE.



DETAIL A

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS (MM) UNLESS OTHERWISE NOTED.
2. ALL REINFORCING BARS SHALL BE EPOXY COATED.
3. BARS INDICATED THUS: 12 X 2- #16 ETC. INDICATES 12 LINES #16 OF BARS WITH 2 LENGTHS PER LINE.
4. DETAILING NOT SHOWN ON THIS SHEET SHALL CONFORM TO STATE STANDARD 420401 (BRIDGE APPROACH PAVEMENT).
5. THE UNIT PRICE BID FOR BRIDGE APPROACH PAVEMENT (SPECIAL) SHALL INCLUDE TIE BARS, PREFORMED JOINT SEAL, POLYETHYLENE BOND BREAKER, REINFORCEMENT BARS, THE CONCRETE PAD (INCLUDING REINFORCEMENT AND EXCAVATION), CONCRETE BARRIERS (INCLUDING ALL CONCRETE AND REINFORCEMENT), AND ALL OTHER ITEMS NECESSARY TO COMPLETE THIS ITEM OF WORK.

BILL OF MATERIALS
EB Sta. 5+998.5 AT RAILROAD AVE.

Bar	No.	Size #	Length (m)	Shape
a (E)	124	29	8.93	
a_1 (E)	62	16	8.85	
a_2 (E)	62	13	2.06	
a_3 (E)	62	13	1.70	
b (E)	62	16	9.71	
b_1 (E)	18	13	9.71	
h (E)	48	16	9.71	
d (E)	31	19	1.81	
t (E)	6	19	8.90	

	Item	Unit	Total
*	Concrete Structures	Cu M	64.0
*	Reinforcement Bars, Epoxy Coated	Kg	8770
*	Preformed Joint Seal	Meter	18.5
*	Polyethylene Bond Breaker	Sq M	33.2
*	Concrete Pad	Sq M	33.2
*	Bridge Approach Pavement (Special)	Sq M	166.3
*	Tie Bars	Each	16

BILL OF MATERIALS
EB Sta. 6+053.5 AT RAILROAD AVE.

Bar	No.	Size #	Length (m)	Shape
a (E)	124	29	8.93	
a_1 (E)	62	16	8.85	
a_2 (E)	62	13	2.06	
a_3 (E)	62	13	1.70	
b (E)	62	16	9.71	
b_1 (E)	18	13	9.71	
h (E)	48	16	9.71	
d (E)	31	19	1.81	
t (E)	6	19	8.90	

	Item	Unit	Total
*	Concrete Structures	Cu M	64.0
*	Reinforcement Bars, Epoxy Coated	Kg	8770
*	Preformed Joint Seal	Meter	18.5
*	Polyethylene Bond Breaker	Sq M	33.2
*	Concrete Pad	Sq M	33.2
*	Bridge Approach Pavement (Special)	Sq M	166.3
*	Tie Bars	Each	16

* ITEM INCLUDED IN THE COST OF BRIDGE APPROACH PAVEMENT (SPECIAL).

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)
EB & WB INSIDE LANES (MAINLINE) CONSTRUCTION
COOK COUNTY

ROADWAY DETAILS
BRIDGE APPROACH PAV'T (SPECIAL)
I-80/94 EB ST. III @ RAILROAD AVE.

SCALE: NONE DRAWN BY: ANR
DATE: 9/13/05 CHECKED BY: RM

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

..\FR30022A.DGN ..\A99S002A.DGN ..\BA170022A.DGN ..\SU99M72A.DGN ..\HR30022A.DGN
9-13-2005 1:44:10 T:\DOCUMENT\93750\CIVIL\DGN\BA170062A.DGN HANSENDD