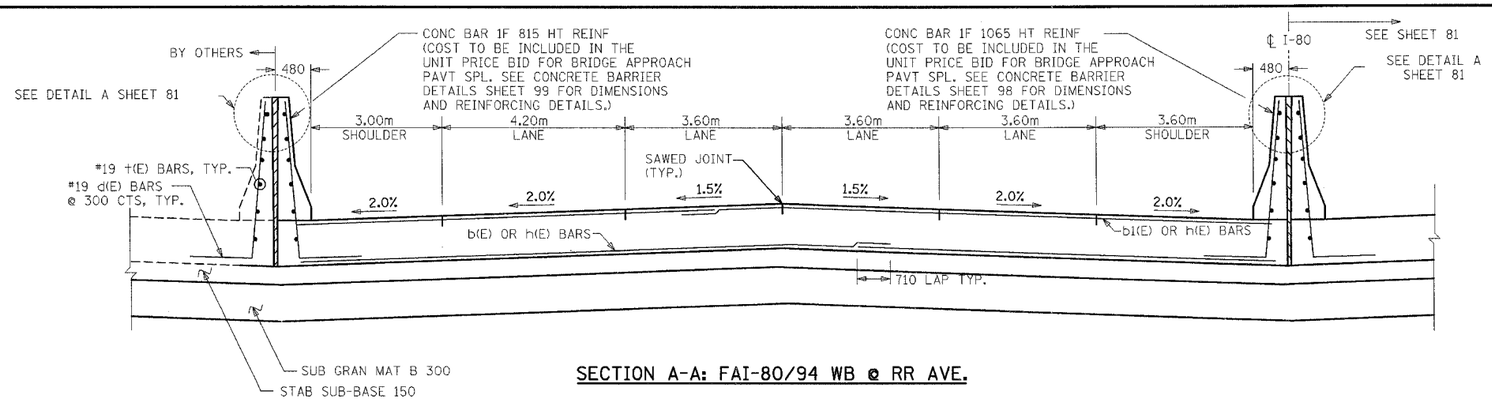
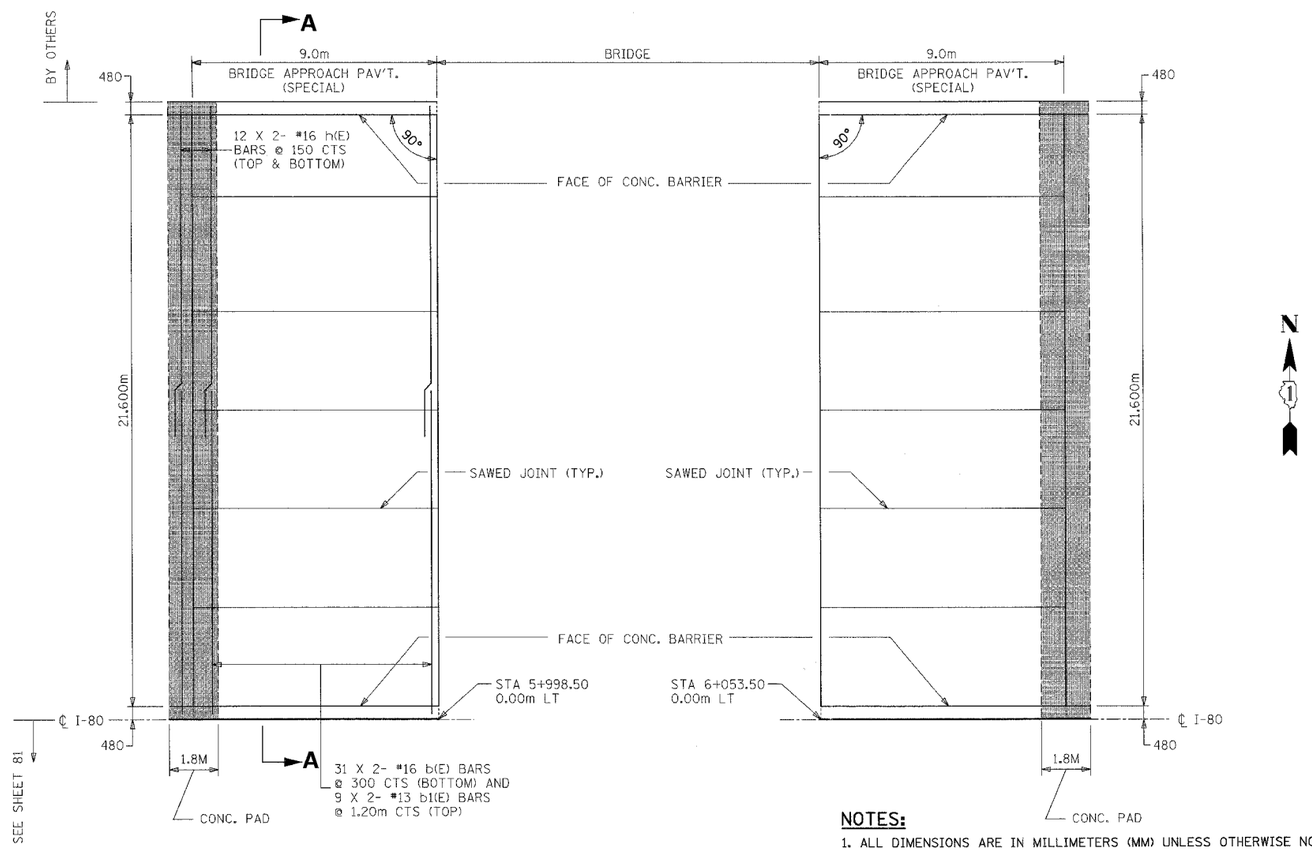
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	82
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



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



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

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

Bar	No.	Size #	Length (m)	Shape
a (E)	148	29	8.93	
a_1 (E)	74	16	8.85	
a_2 (E)	74	13	2.06	
a_3 (E)	74	13	1.70	
b (E)	62	16	9.71	
b_1 (E)	18	13	11.51	
h (E)	48	16	11.51	
d (E)	62	19	1.81	
† (E)	12	19	8.90	

	Item	Unit	Total
*	Concrete Structures	Cu M	78.2
*	Reinforcement Bars, Epoxy Coated	Kg	10650
*	Preformed Joint Seal	Meter	22.6
*	Polyethylene Bond Breaker	Sq M	40.6
*	Concrete Pad	Sq M	40.6
*	Bridge Approach Pavement (Special)	Sq M	203.0

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

Bar	No.	Size #	Length (m)	Shape
a (E)	148	29	8.93	
a_1 (E)	74	16	8.85	
a_2 (E)	74	13	2.06	
a_3 (E)	74	13	1.70	
b (E)	62	16	9.71	
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h (E)	48	16	11.51	
d (E)	62	19	1.81	
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	Item	Unit	Total
*	Concrete Structures	Cu M	78.2
*	Reinforcement Bars, Epoxy Coated	Kg	10650
*	Preformed Joint Seal	Meter	22.6
*	Polyethylene Bond Breaker	Sq M	40.6
*	Concrete Pad	Sq M	40.6
*	Bridge Approach Pavement (Special)	Sq M	203.0

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

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.

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 WB @ RAILROAD AVE.

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

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

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62