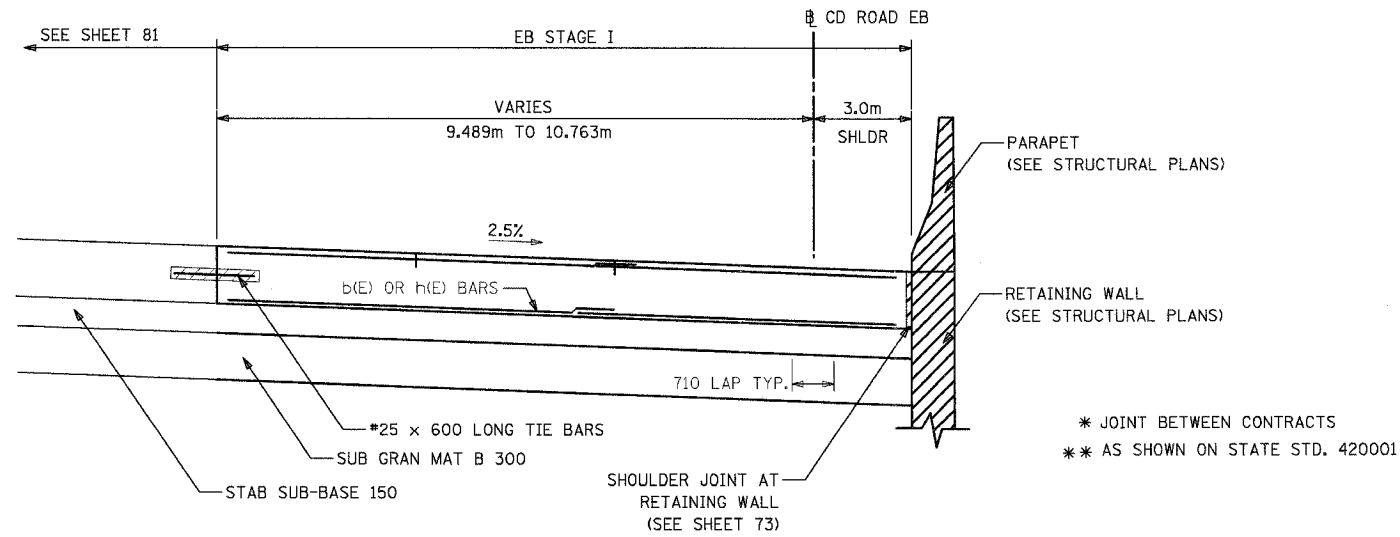
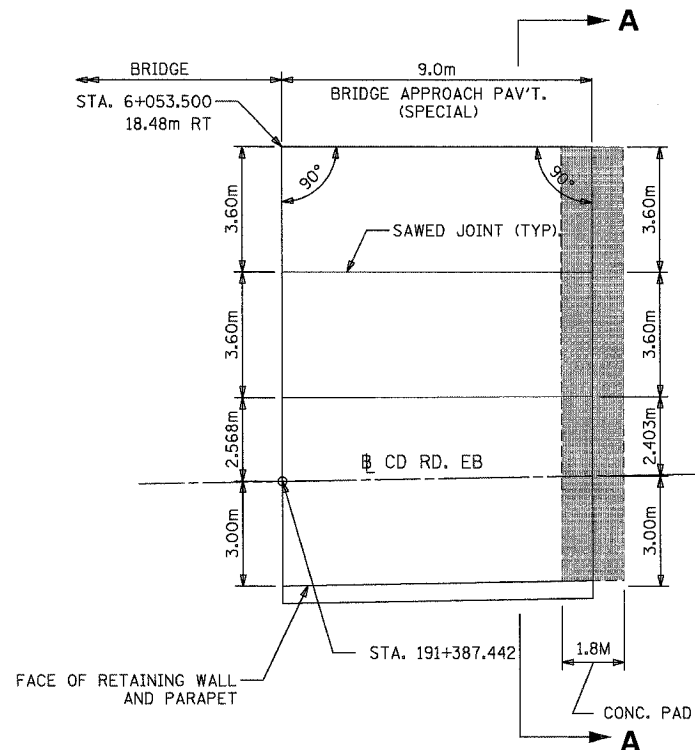


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	81A
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (2425 & 2626) R-2		CONTRACT NO. 62111		



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



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

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS (MM) UNLESS OTHERWISE NOTED.
2. ALL REINFORCING BARS SHALL BE EPOXY COATED.
3. REINFORCEMENT BARS SHOWN IN THE BILL OF MATERIALS ARE FOR THE LARGEST DIMENSION OF THE APPROACH SLAB. THESE BARS SHALL BE CUT TO LENGTH IN THE FIELD AS REQUIRED.
4. DETAILING NOT SHOWN ON THIS SHEET SHALL CONFORM TO STATE STANDARD 420401 (BRIDGE APPROACH PAVEMENT).
5. REINFORCING BARS WERE PURCHASED IN CONTRACT 62110 AND ARE STORED ON SITE NEAR THE INTERSECTION OF 175TH STREET AND RAILROAD AVENUE. THE COST TO MOVE AND INSTALL THE REINFORCING BARS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR BRIDGE APPROACH PAVEMENT (SPECIAL).

6. 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
Sta. 191+332.434 (AT RAILROAD AVE.)

Bar	No.	Size #	Length (m)	Shape
a (E)	92	29	8.93	⌢
a ₁ (E)	46	16	8.85	—
a ₂ (E)	46	13	2.06	⌢
a ₃ (E)	46	13	1.70	—
b (E)	30	16	13.66	—
b ₁ (E)	8	13	13.66	—
h (E)	24	16	13.66	—

Item	Unit	Total
* Concrete Structures	Cu M	47.4
* Reinforcement Bars, Epoxy Coated	Kg	5872.0
* Preformed Joint Seal	Meter	13.8
* Polyethylene Bond Breaker	Sq M	24.8
* Concrete Pad	Sq M	24.8
Bridge Approach Pavement (Special)	Sq M	123.0

BILL OF MATERIALS
Sta. 191+387.442 (AT RAILROAD AVE.)

Bar	No.	Size #	Length (m)	Shape
a (E)	84	29	8.93	⌢
a ₁ (E)	42	16	8.85	—
a ₂ (E)	42	13	2.06	⌢
a ₃ (E)	42	13	1.70	—
b (E)	30	16	12.54 **	—
b ₁ (E)	8	13	12.39	—
h (E)	24	16	12.39	—

Item	Unit	Total
* Concrete Structures	Cu M	43.5
* Reinforcement Bars, Epoxy Coated	Kg	5363.0
* Preformed Joint Seal	Meter	12.5
* Polyethylene Bond Breaker	Sq M	22.5
* Concrete Pad	Sq M	22.5
Bridge Approach Pavement (Special)	Sq M	113.0

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

** BARS CUT IN THE FIELD TO FIT.

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 STAGE I @ RAILROAD AVE.

SCALE: NONE
DATE: 9/13/05

DRAWN BY: SEB
CHECKED BY: RM

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

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