RTE.	SECTION		COUNTY		SHEETS	NO.
55	2006-031	BY	WILL		137	24
STA.			TO STA.			
FED. RO	AD DIST, NO.	ILLIN	OIS FED.	AID	PROJECT	

BILL OF MATERIALS I-55 SB SOTH AT CSX RR

1"33 3B 3011 AT C3X NN					
Bar	-	No.	Size #	Length (feet)	Shape
a	(E)	62	9	29.75	
a,	(E)	30	5	29.50	
a ₂	(E)	30	4	6.76	
a ₃	(E)	30	4	5.58	
b	(E)	31	5	33.00	
b ₁	(E)	9	4	33.00	
h	(E)	24	5	33.00	
d	(E)	-	-	-	
†	(E)	-	-	-	

	Item	Unit	Total
*	Concrete Structures	Cu Yd	41.4
*	Reinforcement Bars, Epoxy Coated	Pound	9,535
*	Preformed Joint Seal	Foot	33.2
*	Polyethylene Bond Breaker	Sq Yd	22.1
*	Concrete Pad	Sq Yd	22.1
*	Bridge Approach Pavement	Sq Yd	98.5
*	Tie Bars	Each	16
*	Aggregate Subgrade 12"	Sq Yd	103.5

BILL OF MATERIALS I-55 SB NORTH AT CSX RR

Bar	No.	Size #	Length (feet)	Shape
a (E)	62	9	29.75	
a ₁ (E)	30	5	29.50	
a ₂ (E)	30	4	6.76	
a ₃ (E)	30	4	5.58	
b (E)	31	5	33.00	
b ₁ (E)	9	4	33.00	
h (E)	24	5	33.00	
d (E)	-	~	-	
+ (E)	-	-	-	

	Item	Unit	Total
* Con	crete Structures	Cu Yd	41.4
* Rein	forcement Bars, Epoxy Coated	Pound	9,535
* Pre	formed Joint Seal	Foot	33.2
* Poly	ethylene Bond Breaker	Sq Yd	22.1
* Con	crete Pad	Sq Yd	22.1
* Bric	lge Approach Pavement	Sq Yd	98,5
* Tie	Bars	Each	16
* Aggi	regate subgrade 12"	Sq Yd	103.5

* ITEM INCLUDED IN THE COST OF BRIDGE APPROACH PAVEMENT.

STA 169+01.52 4.88' LT

-FACE OF CURB (TYP.)

STA 169+16.43-24.41' RT

30,00

BRIDGE APPROACH PAV'T.

SAWED JOINT-

STA 168+86.43 24.41' RT

STA 168+86.75-24.66' RT

- 1. ALL DIMENSIONS ARE IN FEET (') UNLESS OTHERWISE NOTED.
- 2. ALL REINFORCING BARS SHALL BE EPOXY COATED.
- 4.THE UNIT PRICE BID PREFORMED JOINT SE REIMFORCEMENT BARS EXCAVATION), CONCRI AND ALL OTHER ITEM

₿ I-55 SB

-SAWED JOINT

STA 168+71.52 4.88' LT

202.82'

BRIDGE

AGG SUBGRADE 12

SECTION A-A: I-55 SB ST. I @ CSX RR

-STA 166+83.60 24.41' RT

PLAN: I-55 SB ST. I @ CSX RR

b1(E) OR h(E) BARSb(E) OR h(E) BARS-

31 #5 b(E) BARS © 12 CTS (BOTTOM) AND 9 #4 b1(E) BARS © 4'-0" CTS (TOP)

- SAWED JOINT

-STA 166+53.73 24.66′ RT

30.00' BRIDGE APPROACH PAV'T.

CONC. PAD

STA 166+83.73-24.66' RT

-STA 166+68.70 4.88' LT

#8 X 24 LONG — TIE BARS

SEE SHEET I-55 SB ST. II @ CSX RR

STA 166+53.60 -24.41' RT

- 3. DETAILING NOT SHOWN ON THIS SHEET SHALL CONFORM TO STATE STANDARD 420401 (BRIDGE APPROACH PAVEMENT).

STEDOL ALLICACIT LATERIAL
) FOR BRIDGE APPROACH PAVEMENT SHALL INCLUDE TIE BARS, SEAL, POLYETHYLENE BOND BREAKER, AGGREGATE SUBGRADE, 13. THE CONCRETE PAO (INCLUDING REINFORCEMENT AND
RETE BARRIERS (INCLUDING ALL CONCRETE AND REINFORCEMENT), LMS NECESSARY TO COMPLETE THIS ITEM OF WORK.

STA 169+16.55 24.66' RT

DATE = \$DATE\$
NAME = \$FILEL\$
SCALE = \$SCALE\$
NAME = \$USER\$

SCALE: N.T.S DRAWN BY GJF TENG CHECKED BY DDH TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS

ILLINOIS DEPARTMENT OF TRANSPORTATION FAI ROUTE 55 (OVER CSX RR AND SUNNYLAND DRAIN) BRIDGE WIDENING

ROADWAY DETAILS BRIDGE APPROACH PAVEMENT SB I-55 OVER CSX RR (STAGE I)

REVISIONS NAME