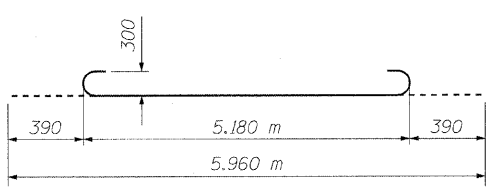
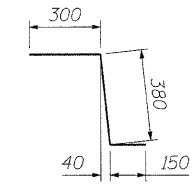


WEST APPROACH - PLAN

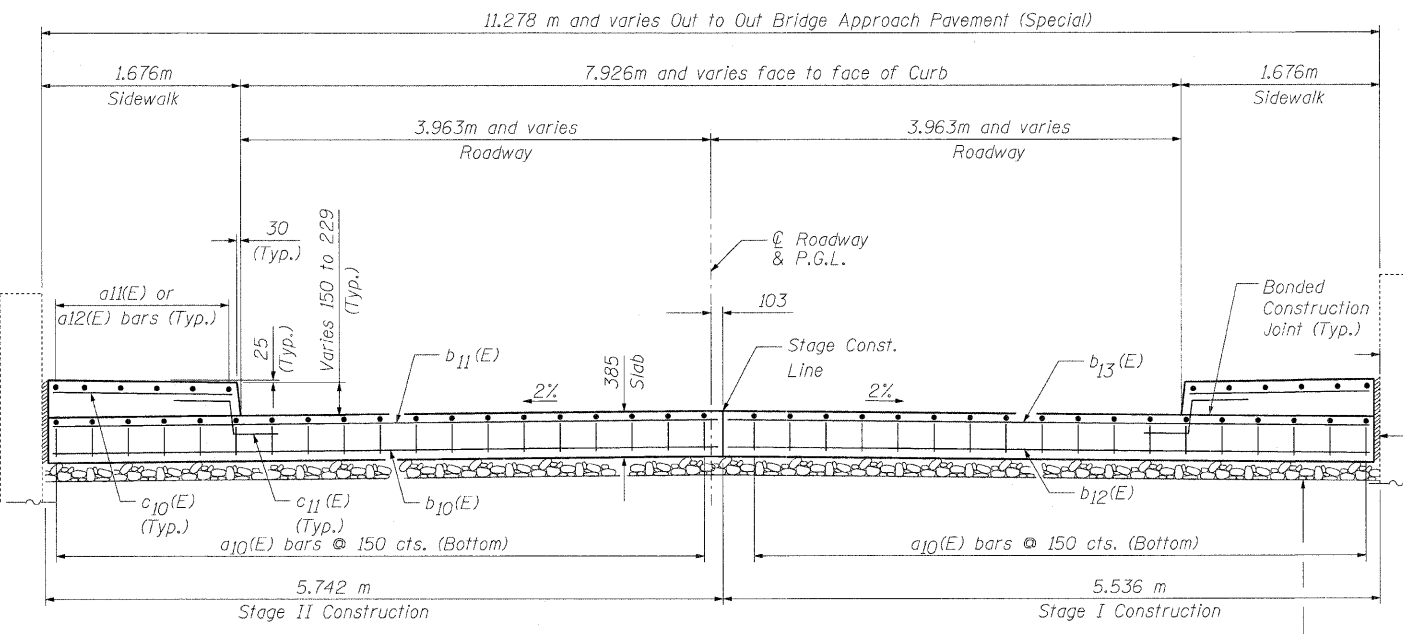
EAST APPROACH - PLAN



BAR a10(E)



BAR c11(E)



SECTION A-A  
(Looking East)

DESIGN STRESSES

$f'_c = 24 \text{ MPa}$   
 $f_y = 400 \text{ MPa}$   
 $n = 8.5$

TWO APPROACH PAVEMENTS  
BILL OF MATERIAL

Bar	No.	Size	Length (m)	Shape
a10(E)	154	#29	5.960	[U-shape]
a11(E)	90	#16	5.996	[Straight]
a12(E)	14	#16	6.536	[Straight]
a13(E)	8	#16	2.000	[Straight]
b10(E)	42	#16	5.642	[Straight]
b11(E)	12	#13	5.642	[Straight]
b12(E)	42	#16	5.436	[Straight]
b13(E)	12	#13	5.436	[Straight]
b14(E)	18	#16	1.800	[Straight]
c10(E)	88	#16	1.531	[T-shape]
c11(E)	88	#16	0.830	[T-shape]
Bridge Approach Pavement (Special)			Sq. m	143

NOTES:

- See Roadway Plans Bridge Approach Pavement Std. 420401 for additional details.
- All reinforcement bars shall be epoxy coated.
- The cost of reinforcement bars shall be included with Bridge Approach Pavement (Special).

FILE NAME = c:\pcc\3153\125th\structure\125th\1253-approach.dgn

**Ciorba Group, Inc.**  
 CONSULTING ENGINEERS  
 6507 North Cumberland Avenue, Suite 402  
 Chicago, Illinois 60658  
 Tel. 773.775.4009 Fax 773.775.4014

USER NAME = dmorris	DESIGNED - EKM	REVISED -
PLOT SCALE = 0.2680000 m / MM.	DRAWN - RD	REVISED -
PLOT DATE = 1/16/2009	CHECKED - EKM	REVISED -
	DATE - 1/16/2009	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FAI 57/INTERSTATE 57  
125TH STREET OVER I-57  
APPROACH DETAIL**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	1818.3B-R	COOK	58	14
CONTRACT NO. 60862				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				