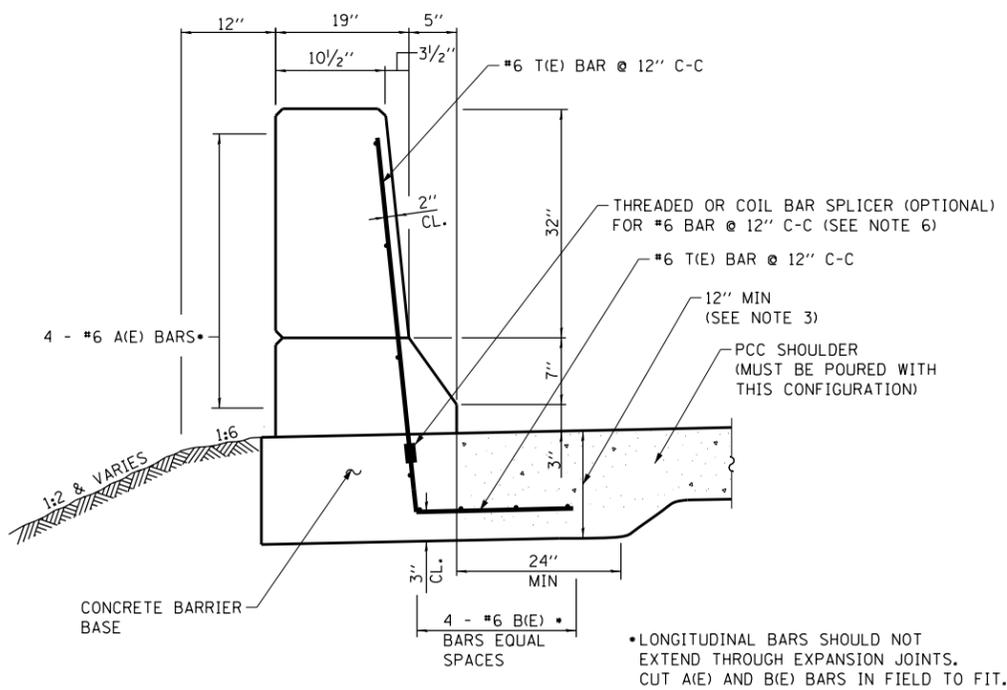


**CONCRETE BARRIER, SINGLE FACE, 42" HEIGHT (SPECIAL), TYPE 1**

N.T.S.

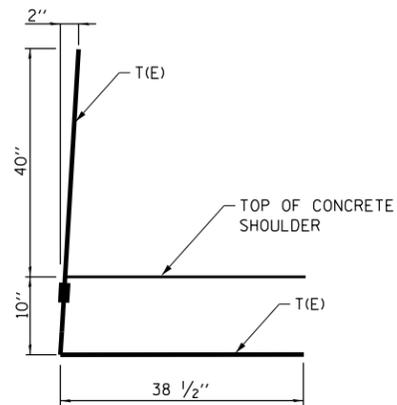
STA 117+27.40 TO STA 119+32.83 (WB I-90/94, RT SIDE)  
 STA 113+47.04 TO STA 115+75.00 (RAMP C, RT SIDE)  
 STA 123+60.00 TO STA 124+00.00 (RAMP C, LT SIDE)  
 STA 9+18.08 TO STA 11+06.71 (RAMP D, RT SIDE)



**CONCRETE BARRIER, SINGLE FACE, 42" HEIGHT (SPECIAL), TYPE 1**

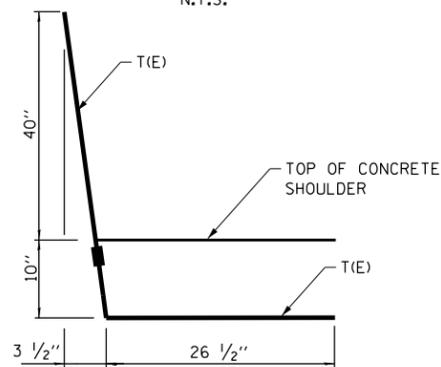
N.T.S.

STA 119+32.83 TO STA 120+24.70 (WB I-90/94, RT SIDE)  
 STA 103+00.00 TO STA 107+21.79 (RAMP C, RT SIDE)  
 STA 103+94.65 TO STA 106+70.26 (RAMP C, LT SIDE)  
 STA 113+14.95 TO STA 113+47.04 (RAMP C, LT SIDE)



**T(E) BAR DETAIL  
 FILL SECTION**

N.T.S.



**T(E) BAR DETAIL  
 CUT SECTION**

N.T.S.

**LEGEND:**

 PCC SHOULDER

**NOTES:**

- FOR ADDITIONAL SHOULDER DETAILS, SEE TYPICAL SECTIONS AND STANDARDS 482006, 483001, & 601001 AS APPLICABLE.
- A 1" RADIUS CAN BE SUBSTITUTED FOR THE 1/2" CHAMFER AT THE TOP OF THE BARRIER WALL.
- THE THICKENED PCC SHOULDER FOR THE REINFORCED CONCRETE BARRIER SECTION SHALL BE INCLUDED IN THE COST OF THE CONCRETE BARRIER OF THE TYPE AND HEIGHT SPECIFIED.
- ALL REINFORCING BARS, BAR SPLICERS TIE BARS AND DOWEL BARS SHALL BE EPOXY COATED AND SHALL BE SEATED IN THE FINAL POSITION PRIOR TO THE CONCRETE OPERATIONS. BARS SHALL NOT BE MUCKED INTO PLACE.
- THE BAR SPLICER SHALL BE CAPABLE OF DEVELOPING A MINIMUM OF 125% OF THE YIELD STRENGTH OF A #6 BAR.
- THE FURNISHING AND PLACING OF OPTIONAL BAR SPLICERS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CONCRETE BARRIER OF THE TYPE AND HEIGHT SPECIFIED.
- TRANSVERSE CONTRACTION AND EXPANSION JOINTS SHALL BE CONSTRUCTED IN LINE WITH THE CONTRACTION AND EXPANSION JOINTS IN THE ADJACENT SHOULDER.
- THE MINIMUM LAP FOR A(E) AND B(E) BARS SHALL BE 3'-6".
- THE COST OF FABRICATION AND INSTALLATION OF REINFORCEMENT BARS IS INCLUDED IN THE PAYMENT FOR CONCRETE BARRIER OF THE TYPE AND HEIGHT SPECIFIED.

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**COLLINS  
 ENGINEERS**

USER NAME = rge11  
 PLOT SCALE = 40.000000' / 1"  
 PLOT DATE = 3/25/2013

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS  
 CONCRETE BARRIER, SINGLE FACE**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	52
CONTRACT NO. 60F63				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				