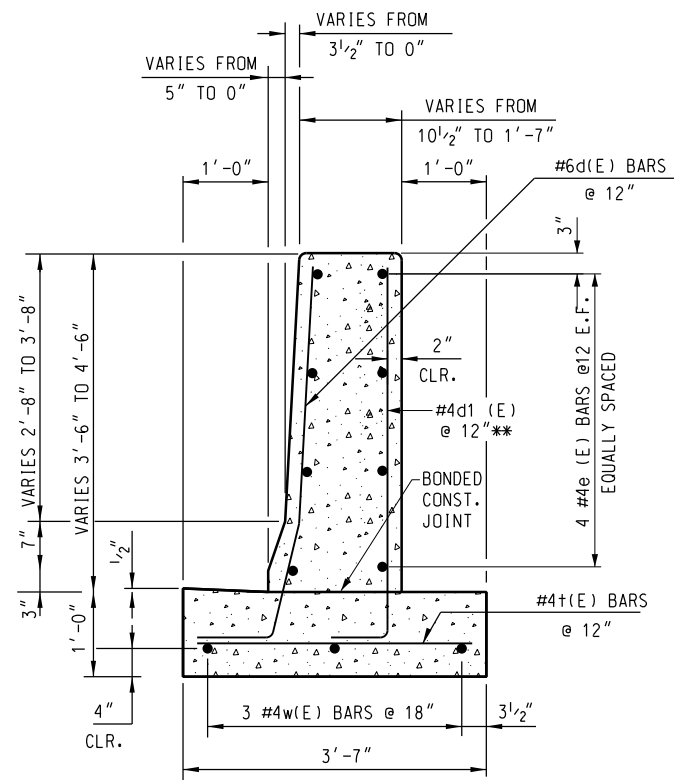
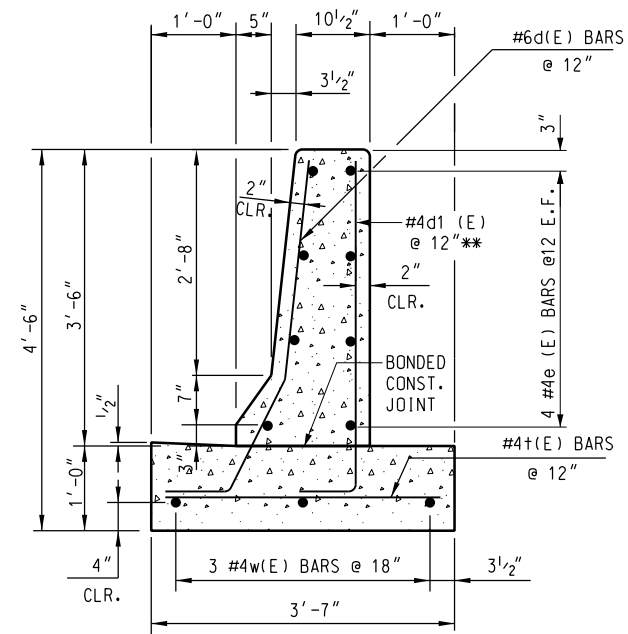


SECTION C-C

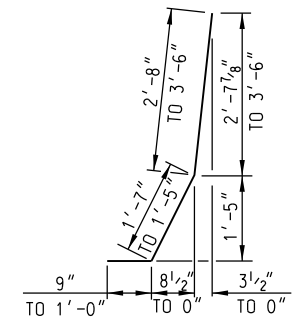


SECTION B-B

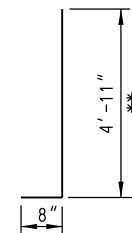


SECTION A-A

** CUT TO FIT IN FIELD
2" VERTICAL CLR.

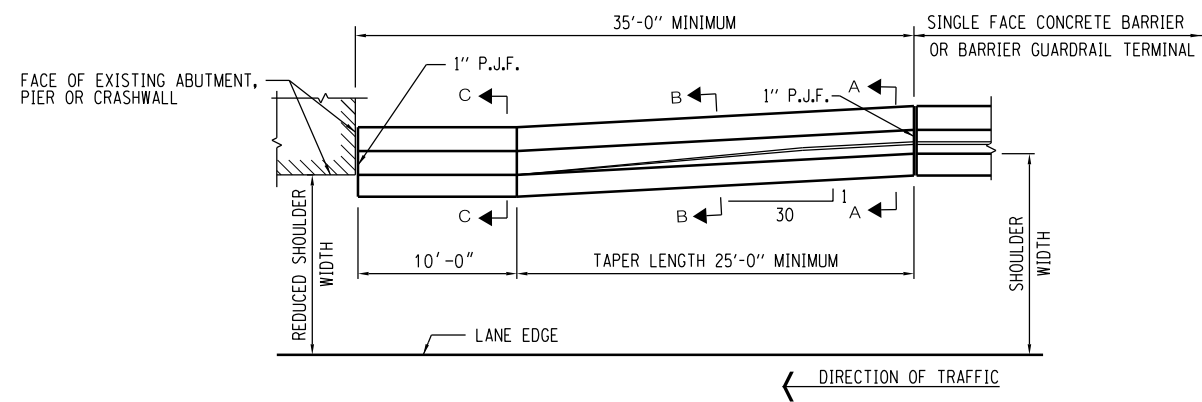


#6 (E) BAR

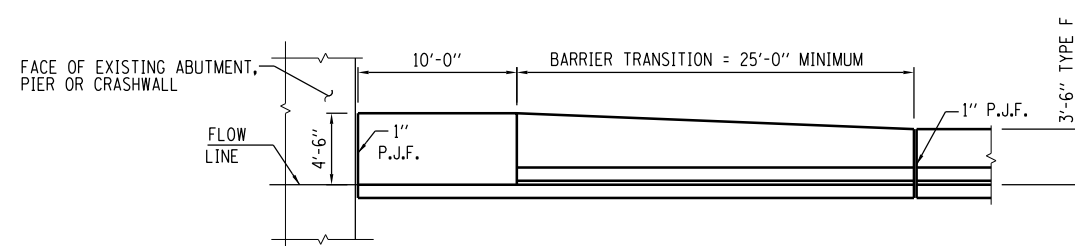


#4d (E) BAR

BENDING DIAGRAMS



PLAN



ELEVATION

CONCRETE SHOULDER BARRIER TRANSITION, TYPE F

NOTES:

1. TAPER LENGTH REQUIRED FOR THE WIDTH TRANSITION WILL BE 25'-0" MINIMUM. INCREASE TAPER RATE AS REQUIRED TO OBTAIN THE LENGTH OF 25'-0".
2. TOP SHOULDER EDGE OF BARRIER BASE GUTTER SHALL MATCH THE TOP OF SHOULDER ELEVATION.
3. 1" DEEP CONTRACTION JOINTS SHALL BE CONSTRUCTED IN BOTH THE REINFORCED CONCRETE BARRIER WALL AND BASE. CONTRACTION JOINTS SHALL ALSO BE CONSTRUCTED AT BOTH SIDES OF ALL DRAINAGE STRUCTURES. MAXIMUM JOINT SPACING SHALL BE 30 FEET.
4. THE FORMING OF CONTRACTION JOINTS SHALL BE DONE WITH AN APPROVED FINISHING TOOL AT THE DISCRETION OF THE ENGINEER SUBJECT TO THE SATISFACTORY CONTROL OF CRACKING. THE SAWING OF CONTRACTION JOINTS IN THE BARRIER WALL SHALL NOT BE PERMITTED.
5. REINFORCING BARS DESIGNATED "E)" SHALL BE EPOXY COATED.
6. REINFORCEMENT BENDING DETAILS SHALL BE IN ACCORDANCE WITH THE "MANUAL OF STANDARD PRACTICES FOR DETAILING REINFORCED CONCRETE STRUCTURES", ACI 315, LATEST EDITION.
7. REINFORCEMENT BAR BENDING DIMENSIONS ARE OUT TO OUT.
8. TYPE F BARRIER SHALL BE USED WITH ALL NEW CONSTRUCTION, OR RECONSTRUCTION OF EXISTING BARRIERS.
9. E.F. DENOTES EACH FACE

CONTRACT 60I31 SHEET 905 OF 963



DATE	REVISIONS
7-1-2009	REVISED NOTES.
2-7-2012	DELETED SHOULDER BARRIER TRANSITION TYPE II, TAPER CHART, REVISED REINFMENT. BARS AND REVISED LENGTH OF VERTICAL FACE BARRIER WALL.

CONCRETE SHOULDER BARRIER TRANSITION

STANDARD C4-02

APPROVED *Paul Kovacs* CHIEF ENGINEER DATE 2-7-2012