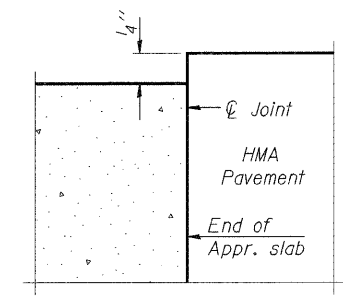
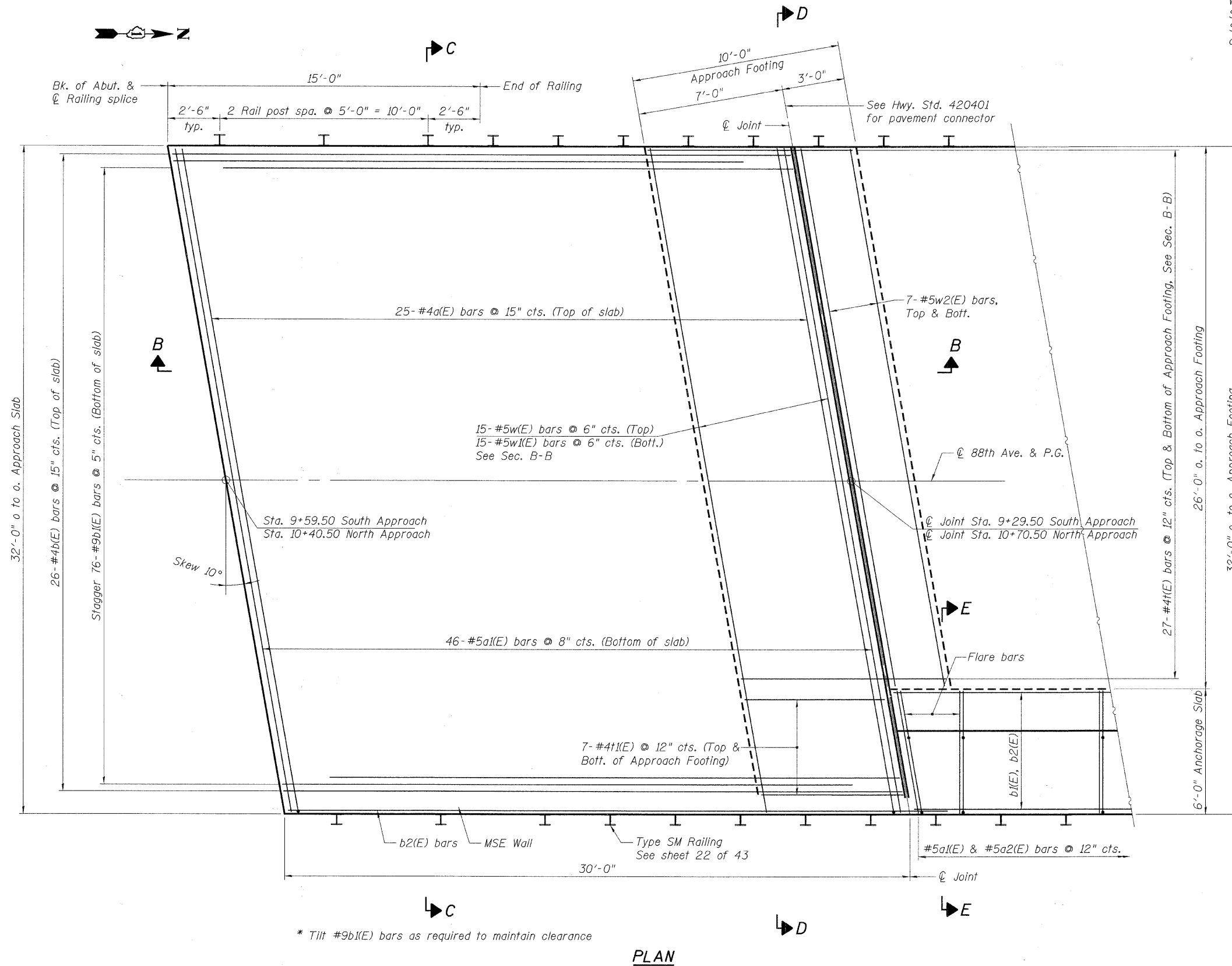


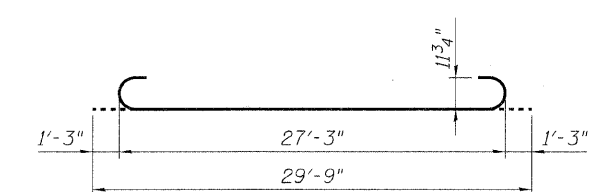
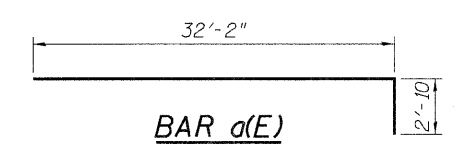
Work this sheet with sheets 25 thru 28.
See sheet 21 of 43 for section B-B, C-C, D-D and E-E
See sheet 23 of 43 for Railing and Railing Connection.
a(E) and a1(E) bar spacings measured along ϕ Rdwy.



DETAIL A - FLEXIBLE PAVEMENT

BILL OF MATERIAL
TWO APPROACHES

| Bar | No. | Size | Length | Shape |
|----------------------------------|-----|---------|--------|-------|
| a(E) | 50 | #4 | 35'-0" | ┌ |
| a1(E) | 92 | #5 | 32'-2" | ┌ |
| b(E) | 52 | #4 | 29'-8" | ┌ |
| b1(E) | 152 | #9 | 29'-9" | ┌ |
| b2(E) | 4 | #4 | 32'-3" | ┌ |
| f(E) | 54 | #4 | 9'-10" | ┌ |
| f1(E) | 28 | #4 | 6'-8" | ┌ |
| w(E) | 30 | #5 | 31'-4" | ┌ |
| w1(E) | 30 | #5 | 32'-2" | ┌ |
| w2(E) | 28 | #5 | 26'-1" | ┌ |
| Concrete Superstructure | | Cu. Yd. | 94.6 | |
| Concrete Structures | | Cu. Yd. | 19.2 | |
| Reinforcement Bars, Epoxy Coated | | Pound | 23,900 | |
| Protective Coat | | Sq. Yd. | 213 | |
| Bridge Deck Grooving | | Sq. Yd. | 200 | |



PLAN

N:\00114201\01\CP0114201.DWG, ..\N:\0114201\01\CP0114201.DWG
 10-25-2010 11:55:33
 \S:\00114201\01\DESIGN\IA\STRUCT\CP0114201.DWG
 TENG SHEET: AP0114201.SHT
 \S:\00114201\01\DESIGN\IA\STRUCT\CP0114201.DWG
 10-25-2010 11:55:33
 \S:\00114201\01\DESIGN\IA\STRUCT\CP0114201.DWG
 TENG SHEET: AP0114201.SHT

| | | | | | | | | | | |
|---|--------------------|-----------------|-----------|--|--------------------------------|---|----------------|--------|--------------|-----------|
| FILE NAME = #FILE# | USER NAME = #USER# | DESIGNED - KK | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION GREEN GARDEN TOWNSHIP 88TH AVENUE (PEOTONE ROAD) | APPROACH SLAB DETAILS I | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | DRAWN - KK | REVISED - | | | N/A | 03-07118-00-BR | WILL | 43 | 20 |
| | | CHECKED - KPS | REVISED - | | | CONTRACT NO. 63156 | | | | |
| | | DATE - 10/27/10 | REVISED - | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |
| TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS | | | | | SCALE: N.T.S. | | | | | |