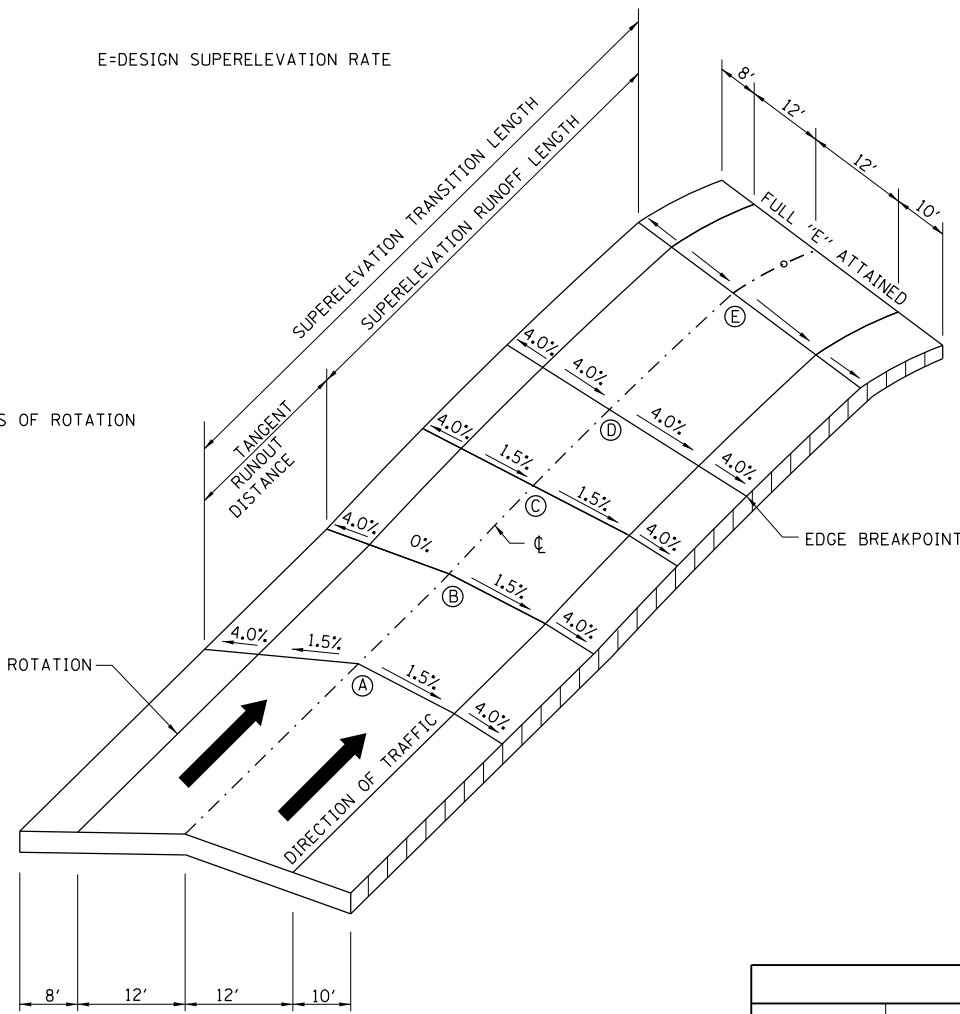


E=DESIGN SUPERELEVATION RATE

SOUTH BOUND

NOTE: ROUND ALL EDGE BREAKPOINTS IN FIELD.



E=DESIGN SUPERELEVATION RATE

NORTH BOUND

NOTE: ROUND ALL EDGE BREAKPOINTS IN FIELD.

| 4 LANE WITH DEPRESSED MEDIAN SECTION | | | | | | |
|--------------------------------------|---------------------|-----------|-----------|-----------|-----------|-----------|
| CURVE NAME | FULL SUPER RATE "E" | STA. A | STA. B | STA. C | STA. D | STA. E |
| CURVE C01 | | | | | | |
| ATTAIN | 6.00% | 464+19.48 | 464+87.08 | 465+54.68 | 466+67.35 | 467+57.48 |
| REMOVE | 6.00% | 479+66.94 | 478+99.34 | 478+31.74 | 477+19.07 | 476+28.94 |
| CURVE C02 | | | | | | |
| ATTAIN | 1.55% | 502+82.93 | 503+50.80 | 54+18.67 | | 504+20.93 |
| REMOVE | 1.55% | 516+21.71 | 515+53.84 | 514+85.97 | | 514+83.71 |
| CURVE C08 | | | | | | |
| ATTAIN | 3.72% | 680+52.29 | 681+19.82 | 681+87.35 | | 682+87.29 |
| REMOVE | 3.72% | 691+91.52 | 691+23.99 | 690+56.46 | | 689+56.52 |
| CURVE C09 | | | | | | |
| ATTAIN | 2.06% | 692+46.94 | 693+14.78 | 693+82.61 | | 694+07.94 |
| REMOVE | 2.06% | 699+69.69 | 699+01.86 | 698+34.02 | | 698+08.69 |

| | | | |
|---|-------------------------------|------------|-----------|
| FILE NAME = | USER NAME = bemory | DESIGNED - | REVISED - |
| P:\Projects\2011 Projects\11297 - IDOT US 45 Ph2\CV\CADD Sheets\0978077-sht-superelev.dgn | | DRAWN - | REVISED - |
| Default | PLOT SCALE = 100.0000' / 1in. | CHECKED - | REVISED - |
| | PLOT DATE = 4/30/2014 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION TRANSITION DETAIL
RURAL - US 45

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (29,30)R-1 | SALINE | 745 | 103 |
| CONTRACT NO. 78077 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |