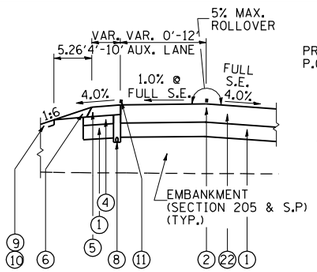
CONTRACT NO. 72829

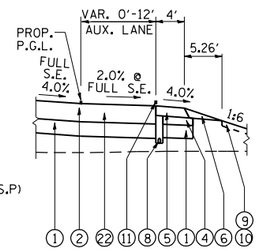
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	84-12; 11-3	*	729	24
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5	ILLINOIS	FED. AID PROJECT		

* SANGAMON AND CHRISTIAN



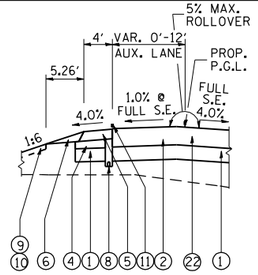
S.B. RIGHT TURN LANE CURVE RIGHT

STA. 1431+00.79 TO STA. 1435+30.79
STA. 1459+47.20 TO STA. 1463+77.20



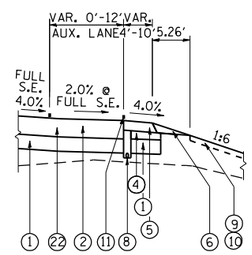
S.B. LEFT TURN LANE CURVE RIGHT

STA. 1430+48.46 TO STA. 1434+78.46
STA. 1459+23.26 TO STA. 1463+53.26
STA. 1512+75.11 TO STA. 1516+48.65



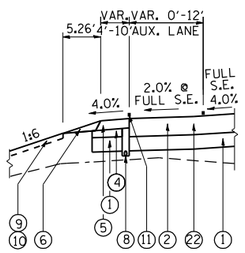
N.B. LEFT TURN LANE CURVE RIGHT

STA. 1424+73.35 TO STA. 1429+03.35
STA. 1453+55.76 TO STA. 1457+85.76



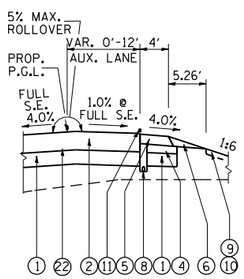
N.B. RIGHT TURN LANE CURVE RIGHT

STA. 1424+11.48 TO STA. 1428+41.48
STA. 1453+33.43 TO STA. 1457+63.43



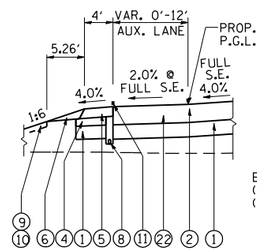
S.B. RIGHT TURN LANE CURVE LEFT

STA. 1485+92.83 TO STA. 1490+22.83



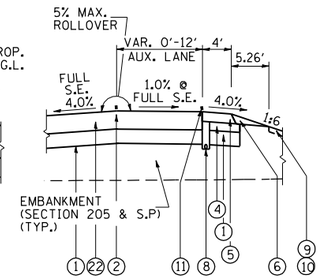
S.B. LEFT TURN LANE CURVE LEFT

STA. 1485+62.11 TO STA. 1489+92.11



N.B. LEFT TURN LANE CURVE LEFT

STA. 1479+93.30 TO STA. 1484+23.30
STA. 1535+56.49 TO STA. 1539+86.49
STA. 1507+33.35 TO STA. 1511+05.07

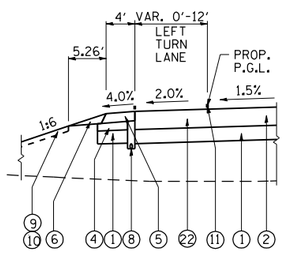


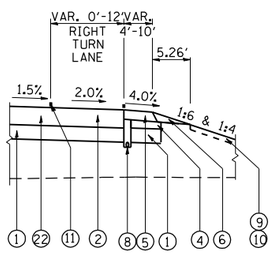
N.B. RIGHT TURN LANE CURVE LEFT

STA. 1479+68.30 TO STA. 1483+98.30
STA. 1535+32.31 TO STA. 1539+62.31

TYPICAL AUXILIARY LANES WITHIN MAINLINE S.E. LIMITS

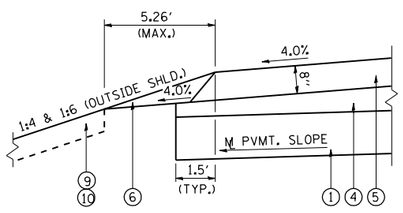
FOR SUPERELEVATION TRANSITION RATES AND LOCATIONS, SEE SUPERELEVATION DETAILS, CROSS-SECTION SHEETS, AND INTERSECTION DETAIL SHEETS



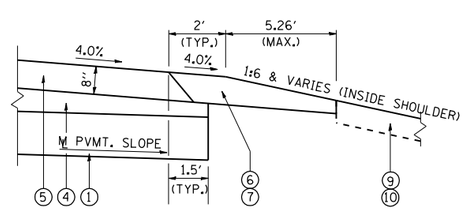


TYPICAL AUXILIARY LANES WITHIN MAINLINE N.C. LIMITS

STA. 1511+
STA. 1541+26.20 TO STA. 1545+68.20 (LT. & RT. TURN LANES - S.B.)
STA. 1579+88.05 TO STA. 1593+73.16 (LT. & RT. TURN LANES - N.B. & S.B.)
STA. 1643+21.94 TO STA. 1653+70.85 (LT. & RT. TURN LANES - N.B. & S.B.)
STA. 26+27.59 TO STA. 36+44.28 (LT. & RT. TURN LANES - N.B.; LT. TURN LANE - S.B.)
STA. 66+25.22 TO STA. 76+74.28 (LT. & RT. TURN LANES - N.B. & S.B.)



AGGREGATE WEDGE SHOULDER, TYPE B

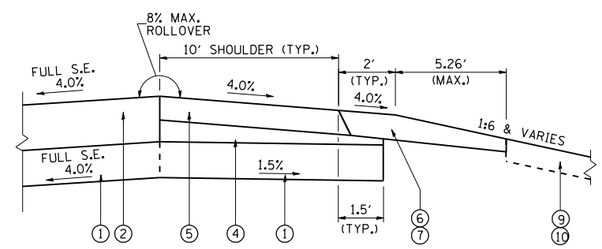


AGGREGATE SHOULDER, TYPE A, 8"

PROPOSED AGGREGATE SHOULDER DETAIL

PROPOSED LEGEND

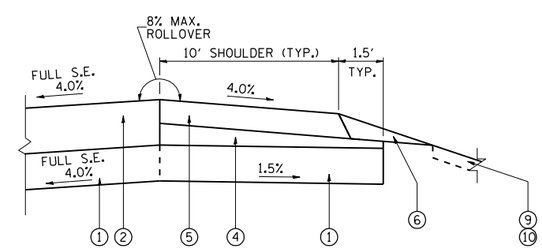
1. PROP. PROCESSING MODIFIED SOIL 12"
2. PROP. HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4"
3. PROP. BITUMINOUS MATERIALS (PRIME COAT)
4. PROP. SUB-BASE GRANULAR MATERIAL, TYPE C
5. PROP. HOT-MIX ASPHALT SHOULDERS, 8" (W - W/O RUMBLE STRIP)
6. PROP. AGGREGATE SHOULDERS, TYPE A
7. PROP. AGGREGATE SHOULDERS, TYPE A, 8"
8. PROP. PIPE UNDERDRAINS, 4"
9. PROP. SEEDING CLASS 2, WITH MULCH METHOD 2
10. PROP. TOPSOIL PLACEMENT, 4"
11. PROP. LANE STRIPING (SEE PAVEMENT MARKING PLAN)
12. PROP. AGGREGATE BASE COURSE, TYPE A, 10"
14. PROP. A-3 BITUMINOUS SURFACE TREATMENT
15. PROP. HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"
16. PROP. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
17. PROP. PAVEMENT REMOVAL
22. FOG TACK COAT PER ENGINEER (ART. 407.13)
24. PROP. HOT MIX ASPHALT SURFACE REMOVAL, VARIABLE (1/2" TO 3/4")
25. PROP. TOPSOIL PLACEMENT (SPECIAL), 4"
26. PROP. INTERSEEDING, CLASS 5 (MODIFIED)
27. PROP. STORM SEWER, 18"
28. PROP. TOPSOIL EXCAVATION (SPECIAL), 12"
29. PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2"
30. PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
31. PROP. HOT-MIX ASPHALT SHOULDERS, 2" (W - W/O RUMBLE STRIP)
32. PROP. HOT-MIX ASPHALT LEVELING BINDER (MACHINE METHOD), N50, 3/4"
33. PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
34. PROP. HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 2 1/2"



NOTE: THE CONTRACTOR SHALL BREAK GRADE OF THE PROPOSED LIME MODIFIED SUBGRADE AS DIRECTED BY THE ENGINEER AT THE PROPOSED SHOULDER LINE ON THE HIGH SIDE OF THE S.E IN ORDER TO MAINTAIN FULL 12" THICKNESS OF THE LIME MODIFIED SUBGRADE.

LIME MODIFIED SUBGRADE DETAIL

FOR MAINLINE PAVEMENT IN FULL S.E. (INSIDE SHOULDER)



NOTE: THE CONTRACTOR SHALL BREAK GRADE OF THE PROPOSED LIME MODIFIED SUBGRADE AS DIRECTED BY THE ENGINEER AT THE PROPOSED SHOULDER LINE ON THE HIGH SIDE OF THE S.E IN ORDER TO MAINTAIN FULL 12" THICKNESS OF THE LIME MODIFIED SUBGRADE.

LIME MODIFIED SUBGRADE DETAIL

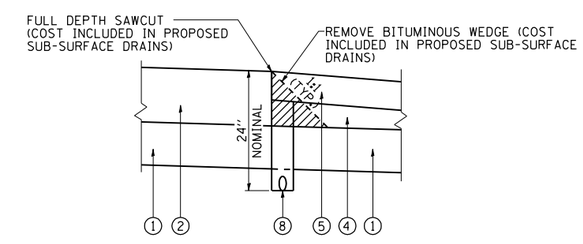
FOR MAINLINE PAVEMENT IN FULL S.E. (OUTSIDE SHOULDER)

EXISTING LEGEND

1. EXISTING P.C.C. CONCRETE (9"-6"-9") WITH BASE COURSE WIDENING AND BITUMINOUS OVERLAY
2. EXISTING STABILIZED SUB-BASE (12")
3. EXISTING BITUMINOUS CONCRETE PAVEMENT, 13¾"
4. EXISTING BASE COURSE WIDENING (9")
5. EXISTING BITUMINOUS CONCRETE OVERLAY (2¼" TO 5¼")
6. EXISTING SUB-BASE GRANULAR MATERIAL
7. EXISTING BITUMINOUS CONCRETE SHOULDER (8")
8. EXISTING BITUMINOUS CONCRETE SHOULDER (9½")
9. EXISTING AGGREGATE SHOULDER (6")
10. EXISTING AGGREGATE SHOULDER (8")
11. EXISTING PIPE UNDERDRAIN, 4"
12. EXISTING OIL AND CHIP PAVEMENT (VARIES)

INDEX OF TYPICAL SHEETS

SHEET 24 - IL. RTE. 29 DETAILS
SHEET 25 - SIDEROAD DETAILS
SHEET 26 - IL. RTE. 29 STA. 1415+00.00 TO STA. 1424+00.00
- IL. RTE. 29 STA. 1424+00.00 TO STA. 1428+17.55
SHEET 27 - IL. RTE. 29 STA. 1428+17.55 TO STA. 1459+64.30
- IL. RTE. 29 STA. 1459+64.30 TO STA. 1484+15.81
- IL. RTE. 29 STA. 1536+97.95 TO STA. 1586+58.05
SHEET 28 - IL. RTE. 29 STA. 1484+15.81 TO STA. 1536+97.95
- IL. RTE. 29 STA. 1586+58.05 TO STA. 1610+74.59
- IL. RTE. 29 STA. 53+42.47 TO STA. 105+00.00
SHEET 29 - IL. RTE. 29 STA. 1610+74.59 TO STA. 1665+04.46
- IL. RTE. 29 STA. 0+00.00 TO STA. 53+42.47
- IL. RTE. 29 STA. 105+00.00 TO STA. 115+98.51
SHEET 30 - IL. RTE. 29 STA. 115+98.51 TO STA. 130+00.00
SHEET 31 - TR 81 (2000N)
SHEET 32 - TR 73 (2050N)
SHEET 33 - TR 73 CONNECTOR (2050N)
SHEET 34 - CH 21 (2100N)
SHEET 35 - CH 23 (800E)
SHEET 36 - TR 88 (725E) STA. 584+69.04 TO STA. 599+39.00
SHEET 37 - TR 88 (725E) STA. 600+61.00 TO STA. 604+95.01
SHEET 38 - TR 74 (625E) / TR 63 (2300N)
SHEET 39 - TR 486 (11.5E) / TR 321 (7.5S)
SHEET 40 - TR 299 (7S) / ELM STREET
SHEET 41 - TR 299 (7S) / ELM STREET
SHEET 42 - EXISTING IL ROUTE 29



PROPOSED SUB-SURFACE DRAIN DETAIL (TYP.)

* FOR LOCATIONS WHERE MAINLINE PROFILE GRADE IS LESS THAN THE MINIMUM SUB-SURFACE SLOPE PER HIGHWAY STANDARD 601001 SEE SPECIAL PROFILE SHEETS FOR PROPOSED SUB-SURFACE DRAIN GRADES

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
IL. RTE. 29 - DETAILS

SCALE: NONE
DRAWN BY: B.J.D.
DATE: 03/06/2012
CHECKED BY: J.M.M.

Default
L:\IDOT\030600\draw\sheets\D672829-sht-Typical_002.dgn
3/16/2012