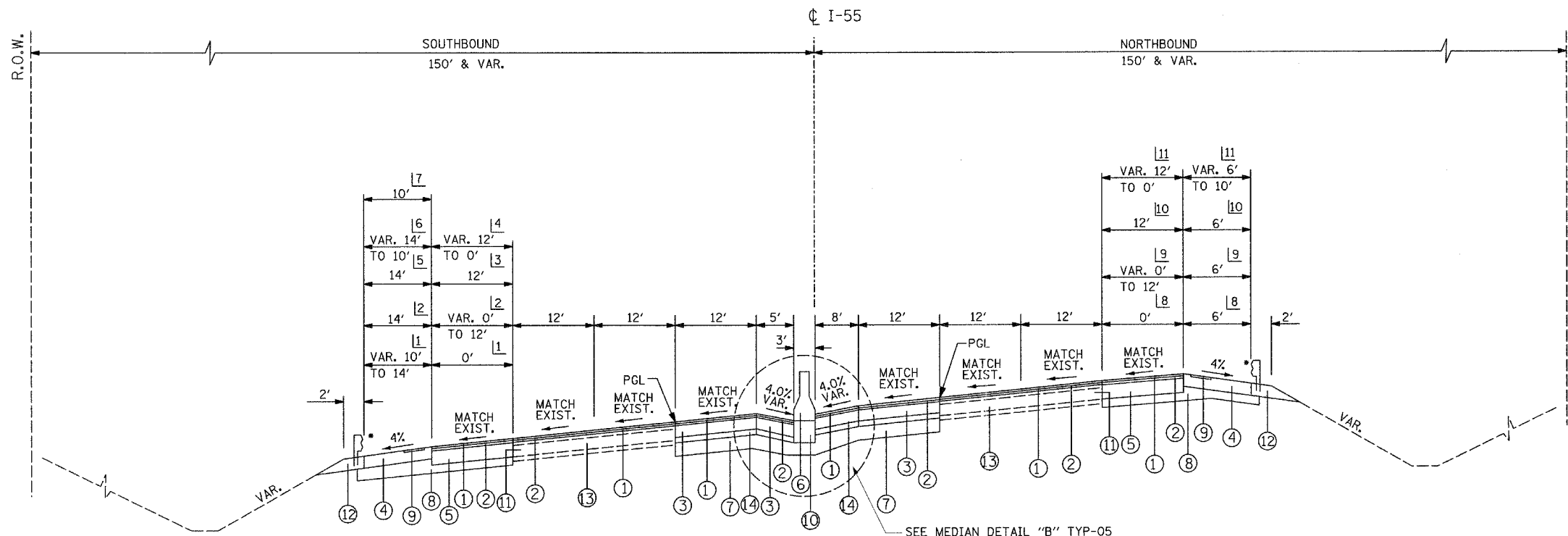


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
TYP 03 OF 06				



EXISTING

- (A) BITUMINOUS SHOULDER REMOVAL
- (B) BITUMINOUS SURFACE REMOVAL, 3-1/2"
- (C) P.C.C. PAVEMENT, 10"
- (D) SUB-BASE GRANULAR MATERIAL
- (E) BITUMINOUS SHOULDER
- (F) AGGREGATE SHOULDER
- (G) GUARDRAIL
- (H) BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)

PROPOSED

- (1) POLYMERIZED BIT. CONC. SURF. CSE, STONE MATRIX ASPH., SUPERPAVE, N80, 1-3/4"
- (2) POLYMERIZED BIT. CONC. BIND. CSE, STONE MATRIX ASPH., SUPERPAVE, N80, 1-3/4"
- (3) BITUMINOUS BASE COURSE, SUPERPAVE, N90, 8"
- (4) BITUMINOUS BASE COURSE, SUPERPAVE, N70, 8"
- (5) P.C.C. CONCRETE BASE COURSE, 10-1/2"
- (6) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
- (7) AGGREGATE SUBGRADE, 12"
- (8) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (9) SHOULDER RUMBLE STRIP
- (10) BARRIER BASE
- (11) LONGITUDINAL CONSTRUCTION JOINT AND NO. 25 EPOXY COATED DEFORMED TIE BARS (DRILL AND GROUT)
- (12) AGGREGATE SHOULDERS, TYPE B 8"
- (13) CLASS D PATCHES, 10" (SEE NOTE 1)
- (14) BITUMINOUS BASE COURSE SUPERPAVE, N50, 2-1/2"
- (15) BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70, 1-3/4"
- (16) AGGREGATE SHOULDERS, TYPE B (SPECIAL)

- SOUTHBOUND**
- 1 STA. 605+86.82 TO STA. 606+27.41
 - 2 STA. 606+27.41 TO STA. 608+24.93
 - 3 STA. 608+24.93 TO STA. 608+54.68
STA. 610+16.63 TO STA. 623+07.86
 - 4 STA. 623+07.86 TO STA. 625+84.93
 - 5 STA. 608+24.93 TO STA. 608+54.68
STA. 610+16.63 TO STA. 622+09.50
 - 6 STA. 622+09.50 TO STA. 624+49.70
 - 7 STA. 624+49.70 TO STA. 625+84.93

- NORTHBOUND**
- 8 STA. 610+16.63 TO STA. 611+21.83
 - 9 STA. 611+21.83 TO STA. 614+24.83
 - 10 STA. 614+24.83 TO STA. 620+50.00
 - 11 STA. 620+50.00 TO STA. 625+52.22

PROPOSED SUPERELEVATED TYPICAL SECTION

BRIDGE OMISSIONS:
 STA. 608+43.59 TO STA. 610+03.71 (NB)
 STA. 608+54.68 TO STA. 610+16.63 (SB)

* FOR GUARDRAIL LOCATIONS SEE ROADWAY PLANS.

MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	RAP %	AIR VOIDS
POLYMERIZED BIT. CONC. SURFACE COURSE, STONE MATRIX ASPH., SUPERPAVE, N80	SBS/SBR PG 76-28/22	0	4% @ 80
POLYMERIZED BIT. CONC. BINDER COURSE, STONE MATRIX ASPH., SUPERPAVE, N80	SBS/SBR PG 76-28/22	0	4% @ 80
BITUMINOUS BASE COURSE, SUPERPAVE, IL-19, N90 - MIN LIFT 2 1/4"	PG 64-22	10	4% @ 90
BITUMINOUS BASE COURSE, SUPERPAVE, IL-19, N50	PG 58-22	25	4% @ 50
CLASS D PATCHES (BINDER IL-25, N105)	PG 64-22	10	4% @ 105
BITUMINOUS REPLACEMENT OVER PATCHES (BINDER IL-25, N105)	PG 64-22	10	4% @ 105
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, " MIX "D", N70 (SHLD) 1-3/4" LIFT	PG 64-22	15	4% @ 70
BITUMINOUS BASE COURSE, SUPERPAVE, IL-19, N70	PG 64-22/58-22	15/25	4% @ 70
STABILIZED SUBBASE, IL-19, N50	PG 58-22	25	3% @ 50

WEIGHT NOTE:

- 1) THE UNIT WEIGHT USED TO CALCULATE THE PLAN QUANTITY FOR STONE MATRIX ASPHALT BITUMINOUS SURFACE AND BINDER MIXTURES IS 135 LBS/SQ YD/ INCH THICKNESS.
- 2) THE UNIT WEIGHT OF 112 LBS/SQ YD/ INCH THICKNESS WAS USED TO CALCULATE ALL OTHER BITUMINOUS SURFACE AND BINDER MIXTURES.

NOTES:

- 1. CLASS D PATCHES SHALL BE PLACED AT LOCATIONS AS APPROVED BY THE ENGINEER. THE DEPTH OF THE PATCH SHALL BE EQUAL TO THE THICKNESS OF EXISTING P.C.C. PAVEMENT AND SHALL NOT INCLUDE THE DEPTH OF THE BITUMINOUS SURFACE REMOVAL, 3-1/2".

REVISIONS	
NAME	DATE
D. MELNIK	07/28/06
D. MELNIK	08/01/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-55 ROUTE 55
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

TYPICAL SECTIONS

SCALE: NONE
 DATE: 07-21-06

DRAWN BY: DM
 CHECKED BY: DVS



FINAL