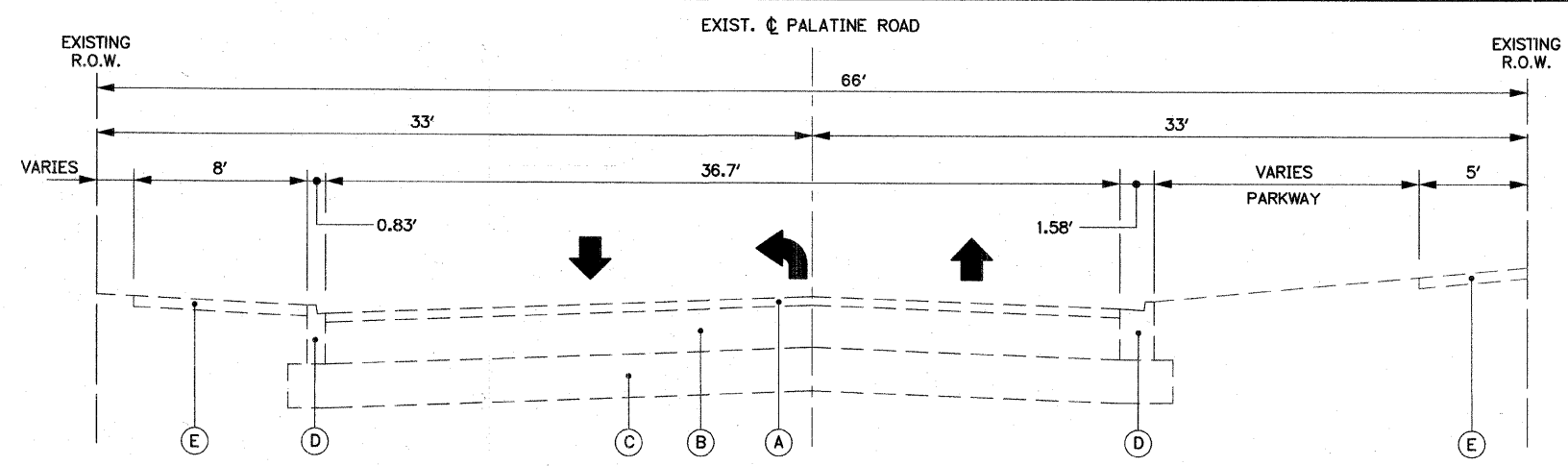
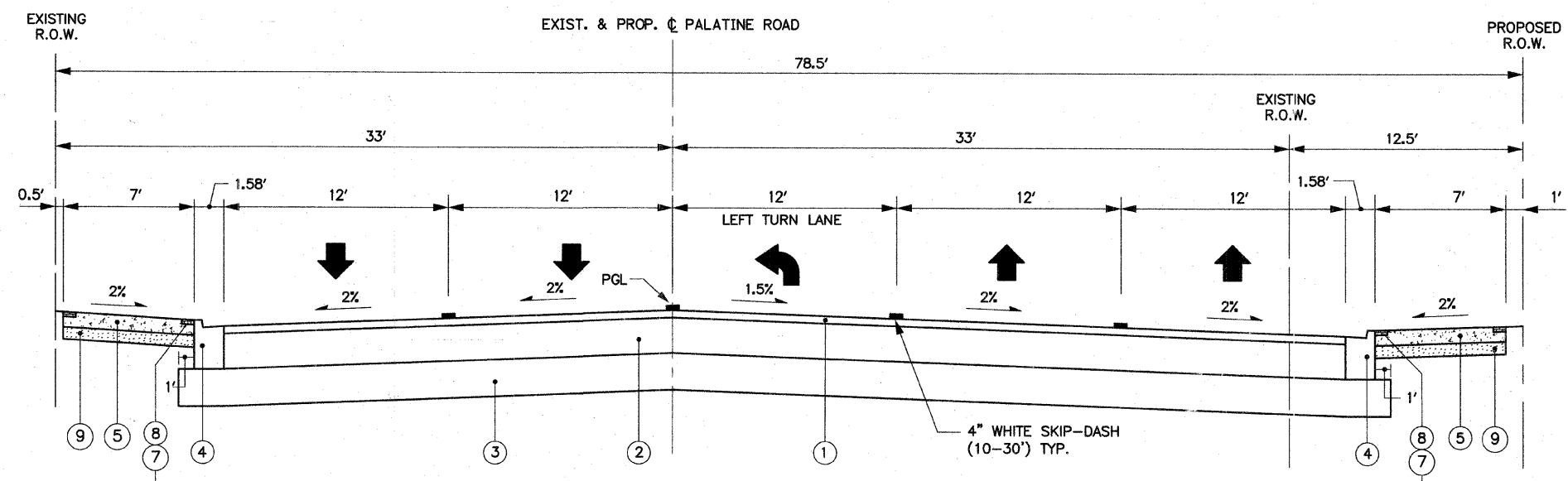


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1285	02-00075-00-PV	COOK	161	14
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 63083				



EXISTING TYPICAL SECTION
STA. 209+25± TO STA. 212+55±



PROPOSED TYPICAL SECTION
STA. 209+25± TO STA. 212+55±

PALATINE ROAD

STRUCTURAL DESIGN FACTOR:	YEAR 2030
PV = 26,320	SU = 1,120 MU = 560
ROAD/STREET CLASSIFICATION:	CLASS 1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 94	S = 4 M = 2
TRAFFIC FACTOR:	ACTUAL TF = 3.10 AC TYPE = PG 64-22
	MINIMUM TF = 0.5
AC GRADE: BINDER = PG 64-22	SURFACE = PG 64-22
SUBGRADE SUPPORT RATING:	
SSR = POOR	
IBR = 2.0	

NOTE:
THE CONTRACTOR SHALL CONSTRUCT MIN. 6" SUB-BASE GRANULAR MATERIALS, TYPE B UNDER THE BRICK PAVERS AT INTERSECTIONS AND CONCRETE SIDEWALK WITH BRICK PAVERS ALONG THE EDGE ON BOTH SIDES. SEE SHEETS DET-1 & DET-2 FOR DETAILS AND LOCATIONS.

LEGEND

EXISTING SECTION

- (A) BITUMINOUS SURFACE, 1" TO 3.5", TO BE REMOVED
- (B) CONCRETE BASE COURSE, 7" TO 9", TO BE REMOVED
- (C) GRANULAR SUB-BASE, 4" TO 6", TO BE REMOVED
- (D) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12, TO BE REMOVED
- (E) SIDEWALK TO BE REMOVED ON BOTH SIDES OF PALATINE ROAD FROM BROCKWAY STREET TO BOTHWELL STREET. SEE PLAN AND PROFILE SHEETS FOR LOCATIONS.

PROPOSED SECTION

- ** (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5mm), 2"
- ** (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90. 12 1/4"
- (3) AGGREGATE SUBGRADE, 12"
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (5) PORTLAND CEMENT CONCRETE SIDEWALK, 5" (LOCATIONS SHOWN ON PLANS)
- (6) TOPSOIL, FURNISH AND PLACE 4" WITH SODDING SALT TOLERANT
- (7) BRICK PAVERS
- (8) SIDEWALK BRICK PAVERS SHOWN ON BOTH SIDES OF SIDEWALK ON NORTHSIDE AND SOUTHSIDE OF PALATINE ROAD
- (9) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (10) CONCRETE MEDIAN, TYPE SB-6.12
- (11) CONCRETE MEDIAN, TYPE SB

** PAID AS HOT-MIX ASPHALT PAVEMENT 14 1/4" (FULL-DEPTH)

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION VILLAGE OF PALATINE PALATINE ROAD & PLUM GROVE ROAD RECONSTRUCTION SMITH STREET TO US 14 (NORTHWEST HIGHWAY) TYPICAL SECTIONS BROCKWAY ST. TO BOTHWELL ST.
NAME	DATE	
		SCALE: VERT. N.T.S. HORIZ. N.T.S. DATE: OCTOBER 19, 2009
		DRAWN BY J.P.W. CHECKED BY BA