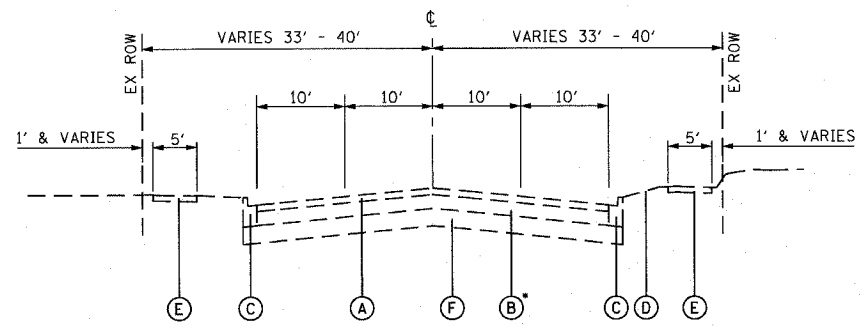


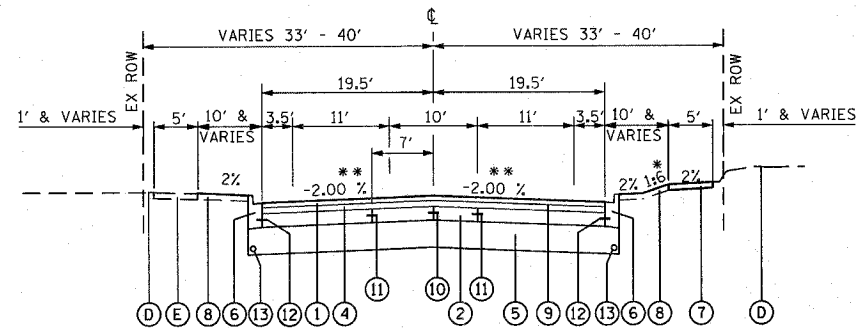
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FF	COOK	246	19
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		



BRICK PAVERS FOUND APPROX. STA. 1086+00 TO STA. 1103+83.65
SEE GEOTECH REPORT FOR MORE INFORMATION
REPORT AVAILABLE AT VILLAGE OF WILMETTE ENGINEERING DEPT.
1200 WILMETTE AVENUE, DURING NORMAL BUSINESS HOURS

EXISTING TYPICAL SECTION

SHERIDAN ROAD
STATION 1004+42.60 TO 1103+83.65

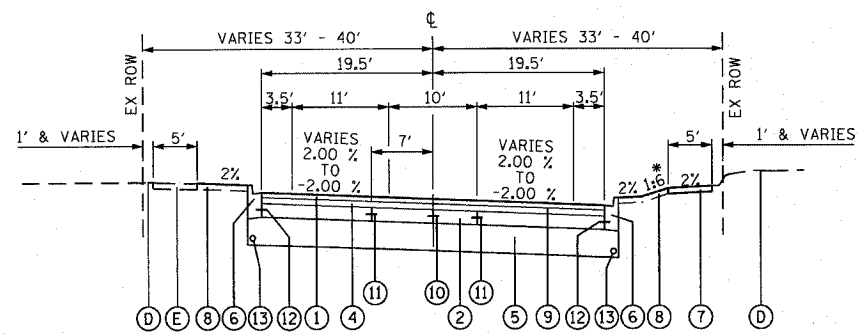


PROPOSED TYPICAL SECTION

SHERIDAN ROAD
STATION 1004+42.60 TO 1103+83.65

*SLOPE AWAY FROM ROAD IN FILL SECTIONS
SLOPE TOWARD ROAD IN CUT SECTIONS

**CROSS SLOPE VARIES
STATION 1098+67 TO 1099+97 LT
STATION 1101+28 TO 1102+67 LT
STATION 1097+66 TO 1102+67 RT
SEE PLAN & PROFILE SHEETS FOR DETAILS



PROPOSED SUPERELEVATED TYPICAL SECTION

SHERIDAN ROAD
STATION 1012+20.46 TO 1018+63.72
STATION 1025+28.54 TO 1027+88.55
STATION 1030+53.22 TO 1033+12.45
STATION 1065+79.12 TO 1070+98.07
STATION 1076+52.86 TO 1083+50.06
SEE SHEETS NO. 38 TO 41 FOR SUPERELEVATION PROFILES

*SLOPE AWAY FROM ROAD IN FILL SECTIONS
SLOPE TOWARD ROAD IN CUT SECTIONS

EXISTING LEGEND

- (A) HOT-MIX ASPHALT BINDER AND SURFACE COURSES (3" AND VARIES)
 - (B) PORTLAND CEMENT CONCRETE PAVEMENT (7" AND VARIES)
 - (C) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
 - (D) GROUND SURFACE (ASSUME EXISTING TOPSOIL DEPTH 4")
 - (E) PORTLAND CEMENT CONCRETE SIDEWALK (5")
 - (F) AGGREGATE BASE COURSE (7" AND VARIES)
 - (G) HOT-MIX ASPHALT BINDER AND SURFACE COURSES (4" AND VARIES)
 - (H) PORTLAND CEMENT CONCRETE PAVEMENT (8" AND VARIES)
 - (I) AGGREGATE BASE COURSE (8" AND VARIES)
- NOTE: ASSUME EXISTING DRIVEWAY THICKNESS 8"

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 1 1/2"
- (2) PORTLAND CEMENT CONCRETE BASE COURSE 7 1/2"
- (3) PORTLAND CEMENT CONCRETE BASE COURSE 6"
- (4) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 2 1/2"
- (5) AGGREGATE SUBGRADE 12"
- (6) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (7) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH SUB-BASE GRANULAR MATERIAL, TYPE B, 4" (INCLUDED IN THE COST OF PCC SW 5 INCH)
- (8) TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT PHOSPHOROUS FERTILIZER NUTRIENT
- (9) BITUMINOUS MATERIALS (PRIME COAT)
- (10) LONGITUDINAL SAWED JOINT (NO. 6 X 30" EPOXY COATED TIE BARS @ 30" CTS) (STANDARD 420001) (INCLUDED IN THE COST OF PCC BASE COURSE)
- (11) LONGITUDINAL CONSTRUCTION JOINT TIE BAR FORMED IN PLACE (NO. 6 X 30" EPOXY COATED TIE BARS @ 24" CTS) (STANDARD 420001) (INCLUDED IN THE COST OF PCC BASE COURSE)
- (12) LONGITUDINAL CONSTRUCTION JOINT TIE BAR GROUTED IN PLACE (NO. 6 X 24" EPOXY COATED TIE BARS @ 24" CTS) (STANDARD 606001) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER)
- (13) PIPE UNDERDRAINS 4"
- (14) HOT-MIX ASPHALT SHOULDERS, 6"

SHERIDAN ROAD

STRUCTURAL DESIGN TRAFFIC:	YEAR 2017
PV= 16,354	SU= 511 MU= 170
ROAD/STREET CLASSIFICATION:	CLASS 2
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P= 100% S= 100% M= 100%	
TRAFFIC FACTOR:	ACTUAL TF= 1.68 AC TYPE= PG 64-22
	MINIMUM TF= NONE
THICKNESS BINDER= 2.5"	SURFACE= 1.5"
PCC BASE COURSE THICKNESS= 7.5"	
SUBGRADE SUPPORT RATING:	SSR= POOR

HMA MIX REQUIREMENT CHART

DESCRIPTION	AC TYPE	VOIDS
HMA SURFACE COURSE, MIX "D", N70	PG 64-22	4% @ 70 GYRATIONS
HMA BINDER COURSE, IL-19.0, N70	PG 64-22/58-22	4% @ 70 GYRATIONS
DRIVEWAYS		
HMA SURFACE COURSE, MIX "C", N50	PG 64-22	4% @ 50 GYRATIONS
HMA BASE COURSE (HMA BINDER IL - 19mm)	PG 64-22/58-22	4% @ 50 GYRATIONS
TEMPORARY PAVEMENT		
HMA BASE COURSE (HMA BINDER IL - 19mm)	PG 64-22/58-22	4% @ 50 GYRATIONS
CLASS D PATCHES (HMA BINDER IL - 19mm)	PG 64-22/58-22	4% @ 70 GYRATIONS
HMA SHOULDERS	PG 64-22/58-22	2% @ 30 GYRATIONS

NOTES: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURES IS 112 LBS/SQ YD/IN. WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS SHERIDAN ROAD ISABELLA STREET DATE 7/13/07 DRAWN BY LTD CHECKED BY BJL

PLOT DATE = 7/12/2007
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = bjh@tdm.com

1001 PERIMETER DRIVE, SUITE 1025
 SCHAMBERG, ILLINOIS 60173
 (847) 605-9600

