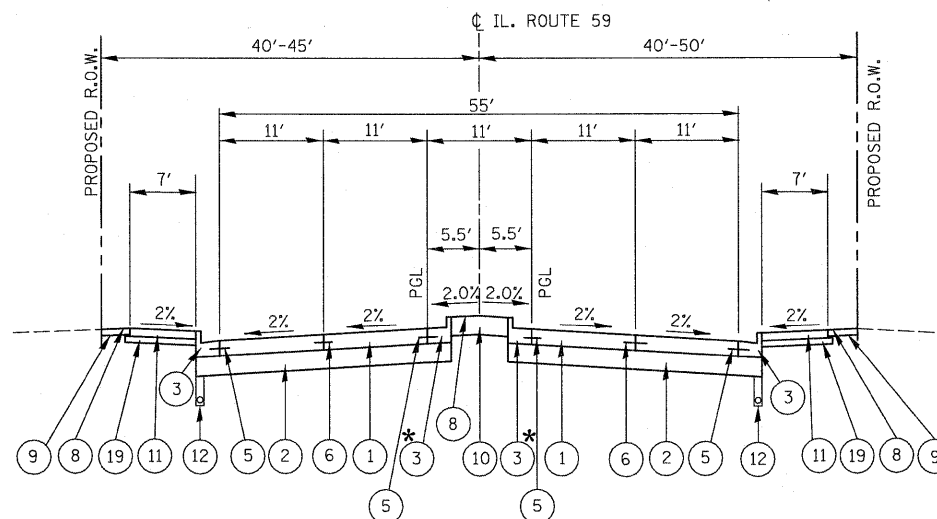
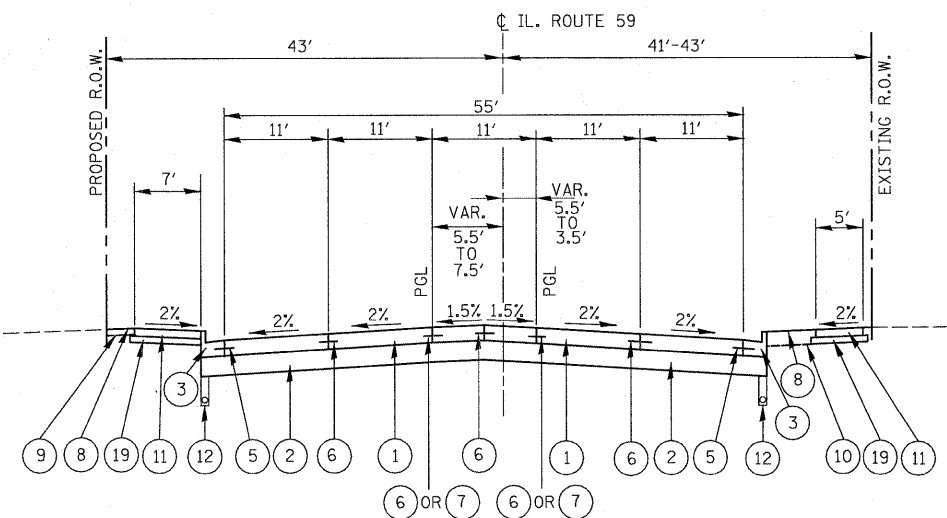


STA. 3327+30 TO STA. 3332+59
 STA. 3334+84 TO STA. 3340+15



STA. 3332+59 TO STA. 3334+84

STRUCTURAL DESIGN TRAFFIC	YEAR	2024
PV = 26,989	SU = 1,193	MU = 1,640
ROAD STREET CLASSIFICATION:	Class	1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 32	S = 45	MU = 45
TRAFFIC FACTOR:	Actual TF	11.85
	AC Type	
	Minimum TF	6.03
AC GRADE: Binder =	Surface =	
SUBGRADE SUPPORT RATING:		
SSR =	Sta.	to Sta.



STA. 3340+15 TO STA. 3342+15
 (TRANSITION SECTION)
 (ROADWAY SHIFTED 2.0' WEST)

LEGEND PROPOSED

- 1 PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
- 2 AGGREGATE SUBGRADE 12"
- 3 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 4 STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 8 INCH
- 5 NO. 6 x 24" TIE BARS (EPOXY COATED), GROUTED IN PLACE AT 24" O.C. INCLUDED IN COST OF COMBINATION CONCRETE CURB & GUTTER, STANDARD 606001.
- 6 LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BARS (EPOXY COATED) NO. 6 x 24" LONG DEFORMED TIE BARS AT 24" O.C. (STANDARD 420001) (INCLUDED IN THE COST OF CONCRETE PAVEMENT)
- 7 LONGITUDINAL SAWED JOINT - NO. 6 x 30" LONG DEFORMED TIE BARS (EPOXY COATED) AT 30" O.C. (STANDARD 420001) (INCLUDED IN THE COST OF CONCRETE PAVEMENT)
- 8 SODDING, SALT TOLERANT OR SEEDING (AS NOTED ON LANDSCAPE PLANS)
- 9 TOPSOIL FURNISH AND PLACE, 4"
- 10 TOPSOIL FURNISH AND PLACE, 12"
- 11 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- 12 PIPE UNDERDRAINS, FABRIC LINED TRENCH 4" (SEE NOTE 2)
- 13 AGGREGATE SHOULDERS, TYPE B 4"
- 14 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 15 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- 16 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- 17 HOT- MIX ASPHALT BASE COURSE, 8"
- 18 HOT- MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- 19 SUB-BASE GRANULAR MATERIAL, TYPE B 4" (SEE NOTE 3)

HOT-MIX ASPHALT (HMA) MIX REQUIREMENTS		
DESCRIPTION	AC TYPE	% AIR VOIDS
U.S. ROUTE 30 FLEXIBLE PAVEMENT, 10"		
HMA SURFACE COURSE, MIX "D", N70, IL 9.5; 2"	PG 64-22	4% @ 70 Gyr.
HMA BASE COURSE (HMA BINDER IL-19.0, N70); 8" (3 LIFTS)	PG 64-22 *	4% @ 70 Gyr.
CLASS D PATCHES, 6":		
HMA BINDER COURSE, IL-19; 6" (2 LIFTS)	PG 64-22 *	4% @ 70 Gyr.
CLASS D PATCHES, 9":		
HMA BINDER COURSE, IL-19; 9" (3 LIFTS)	PG 64-22 *	4% @ 70 Gyr.
TEMPORARY PAVEMENT, 12":		
HMA SURFACE COURSE, MIX "D", N50, IL 9.5; 2"	PG 64-22	4% @ 50 Gyr.
HMA BINDER COURSE, IL-19.0, N50; 10" (3 LIFTS)	PG 64-22 *	4% @ 50 Gyr.
COMMERCIAL ENTRANCE DRIVEWAY:		
HMA SURFACE COURSE, MIX "C", N50, IL 9.5; 2"	PG 64-22	4% @ 50 Gyr.
HMA BASE COURSE (HMA BINDER IL-19.0); 8" (3 LIFTS)	PG 64-22 *	4% @ 50 Gyr.
PRIVATE ENTRANCE DRIVEWAY:		
HMA SURFACE COURSE, MIX "C", N50, IL 9.5; 2"	PG 64-22	4% @ 50 Gyr.
HMA BASE COURSE (HMA BINDER IL-19.0); 6" (2 LIFTS)	PG 64-22 *	4% @ 50 Gyr.
TEMPORARY SIDEWALK:		
HMA BASE COURSE (HMA BINDER IL-19.0); 3"/5" (1 LIFT)	PG 64-22 *	4% @ 50 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

NOTES:

1. PROPOSED CURB AND GUTTER ALONG THE CENTER MEDIAN SHALL BE CONSTRUCTED WITH REVERSE PITCHED GUTTER. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24.
2. SEE PIPE UNDERDRAIN, FABRIC LINED TRENCH DETAIL ON TYPICAL PROPOSED SECTIONS U.S. ROUTE 30 SHEET.
3. SEE SUB-BASE GRANULAR MATERIAL PLACEMENT AT PCC SIDEWALK LOCATIONS DETAIL ON TYPICAL PROPOSED SECTIONS U.S. ROUTE 30 SHEET.

FILE NAME =	USER NAME = #USER#	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PROPOSED SECTIONS ILLINOIS ROUTE 59			F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 19
#FILEL#	PLOT SCALE = #SCALE#	DRAWN - PJO	REVISED -		SCALE: NONE	SHEET NO. 1 OF 2 SHEETS	STA. 3327+30 TO STA. 3346+38	FED. ROAD DIST. NO. ILLINOIS	CONTRACT NO. 60E73			
	PLOT DATE = #DATE#	CHECKED - JCM	REVISED -		FAP 338 (IL RTE. 59)							
		DATE - JANUARY 16, 2009	REVISED -									