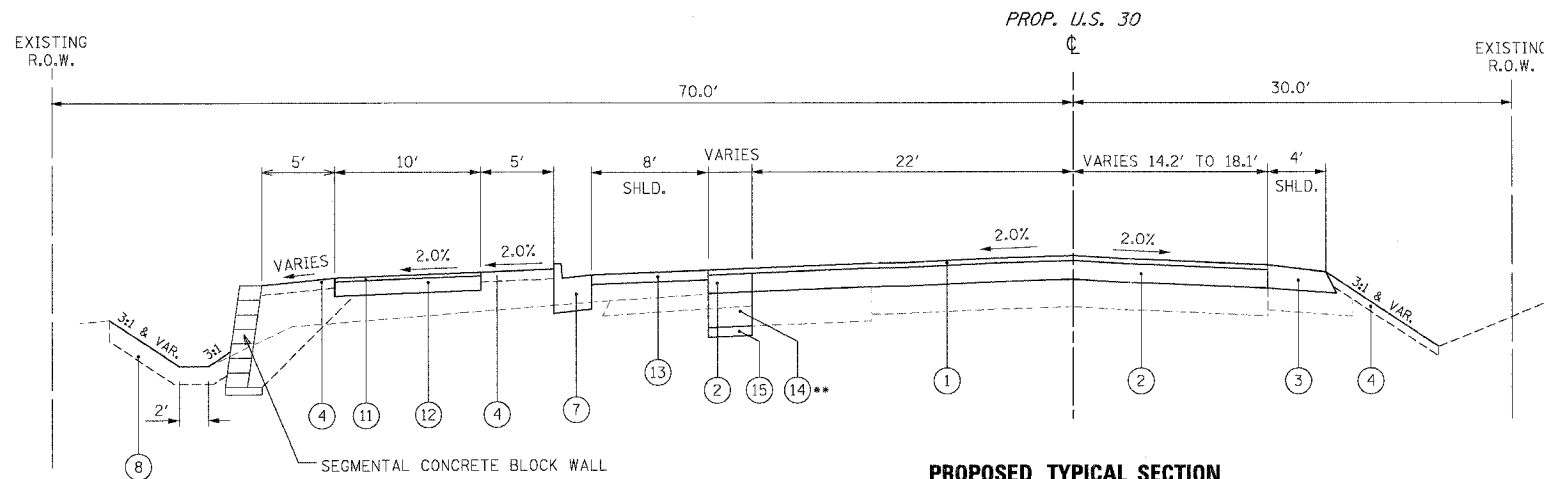


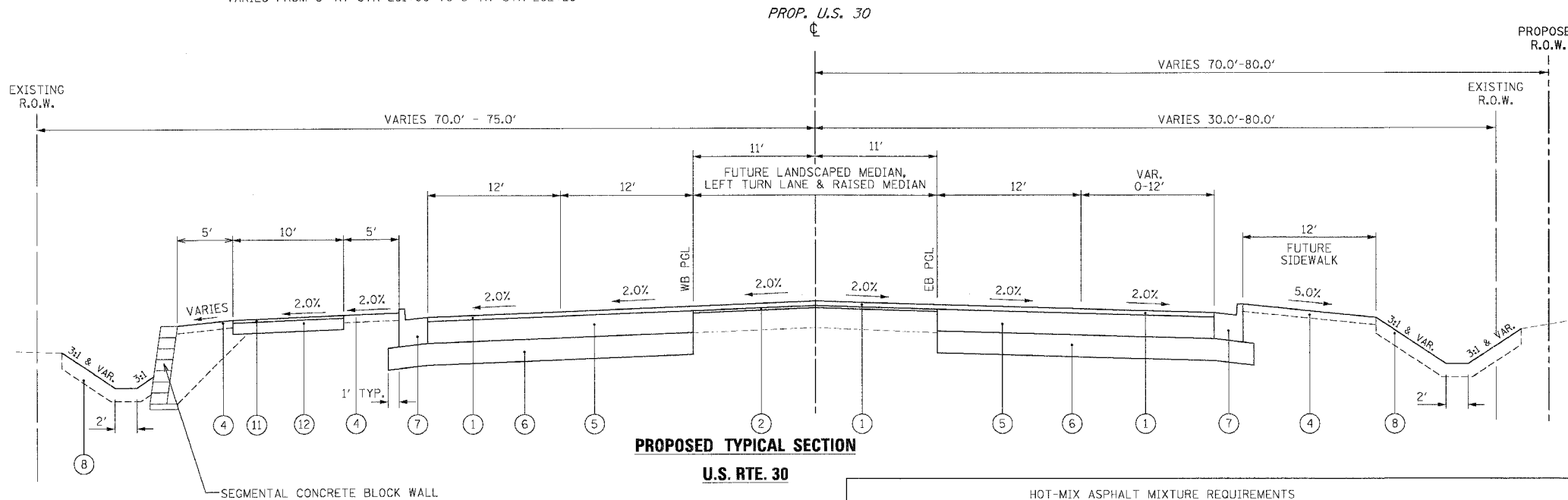
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	13
STA.	TO STA.			
FED. ROAD DIST. NO.	DRAWING	FED. AID PROJECT		



**PROPOSED TYPICAL SECTION
US RTE 30**

** 0' FROM STA 289+50.8 TO STA 291+00
VARIES FROM 0' AT STA 291+00 TO 5' AT STA 292+25

STA. 289+50.8 TO STA. 292+25.0



**PROPOSED TYPICAL SECTION
U.S. RTE. 30**

STA. 292+25.0 TO STA. 296+09.1

- PROPOSED LEGEND**
- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
 - ② POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4" MIN. & VARIES) ***
 - ③ AGGREGATE SHOULDERS, TYPE B
 - ④ TOPSOIL FURNISH AND PLACE, 4"
 - ⑤ HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 3/4" (IN 5 LIFTS)
 - ⑥ AGGREGATE SUBGRADE 12"
 - ⑦ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
 - ⑧ TOPSOIL FURNISH AND PLACE, 8"
 - ⑨ CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
 - ⑩ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 - ⑪ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 3"
 - ⑫ AGGREGATE BASE COURSE 6"
 - ⑬ HOT-MIX ASPHALT SHOULDER 8" (IN 4 LIFTS)
 - ⑭ HOT-MIX ASPHALT BASE COURSE WIDENING, 13 1/2" (IN 6 LIFTS)
 - ⑮ SUB-BASE GRANULAR MATERIAL, TYPE B 4"
 - ⑯ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 13 3/4" (IN 6 LIFTS)
 - ⑰ PORTLAND CEMENT CONCRETE SIDEWALK 5"
- *** IN MULTIPLE LIFTS DEPENDING ON DEPTH (LIFT THICKNESS FROM 3/4" TO 1 1/4")

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AC TYPE	AIR VOIDS
FULL DEPTH PAVEMENT		
HOT-MIX-ASPHALT PAVEMENT FULL DEPTH; 13 3/4" (6 LIFTS)	PG 64-22	4% @ 70 GYR
PAVEMENT RESURFACING		
HOT-MIX-ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"	PG 64-22	4% @ 70 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; VAR. DEPTH, 3/4" MIN.	SBS/SBR PG76-22/-22	4% @ 70 GYR
DRIVEWAYS		
HMA SURFACE COURSE, MIX "C", N50 (IL 9.5 mm); 2"	PG 64-22	4% @ 50 GYR
HMA BASE COURSE (HMA BINDER IL-19 mm); 8" (4 LIFTS)	PG 64-22*	4% @ 50 GYR
SHOULDER		
HMA SHOULDER; 8" (4 LIFTS)	PG 64-22	4% @ 50 GYR
PAVEMENT WIDENING		
HOT-MIX-ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"	PG 64-22	4% @ 70 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; VAR. DEPTH, 3/4" MIN.	SBS/SBR PG76-22/-22	4% @ 70 GYR
HOT-MIX ASPHALT BASE COURSE WIDENING; 13 1/2" (6 LIFTS)	PG 64-22*	4% @ 50 GYR
TEMPORARY PAVEMENT		
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 1 3/4"	PG 64-22	4% @ 70 GYR
TEMP PAVEMENT (HMA BINDER IL-19 mm); 8 1/4"	PG 64-22*	4% @ 70 GYR
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm); 8"	PG 64-22*	4% @ 50 GYR
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	PG 64-22*	4% @ 50 GYR
BIKEPATH		
HMA SURFACE COURSE, MIX "C", N50 (IL 9.5 mm); 3"	PG 64-22	4% @ 50 GYR

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

STRUCTURAL TRAFFIC:	YEAR 2016
PV = 21,352	SU = 450 MU = 674
ROAD/STREET CLASSIFICATION:	CLASS 1
P = 32%	S = 45% M = 45%
TRAFFIC FACTOR: Actual TF = 3.48	AC Type = 10
	Minimum TF = 4.27
AC GRADE: Binder = PG 64-22	Surface = PG 64-22
SUBGRADE SUPPORT RATING:	
SSR = 2.00	(Sta. _____ to _____)
SSR = 2.00	(Sta. _____ to _____)

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p align="center">TYPICAL SECTIONS PROPOSED U.S. RTE. 30 (LINCOLN HWY)</p> <p>SCALE : 1" = NTS DRAWN BY : BEC DATE : 03/21/2008 CHECKED BY : GB</p>