

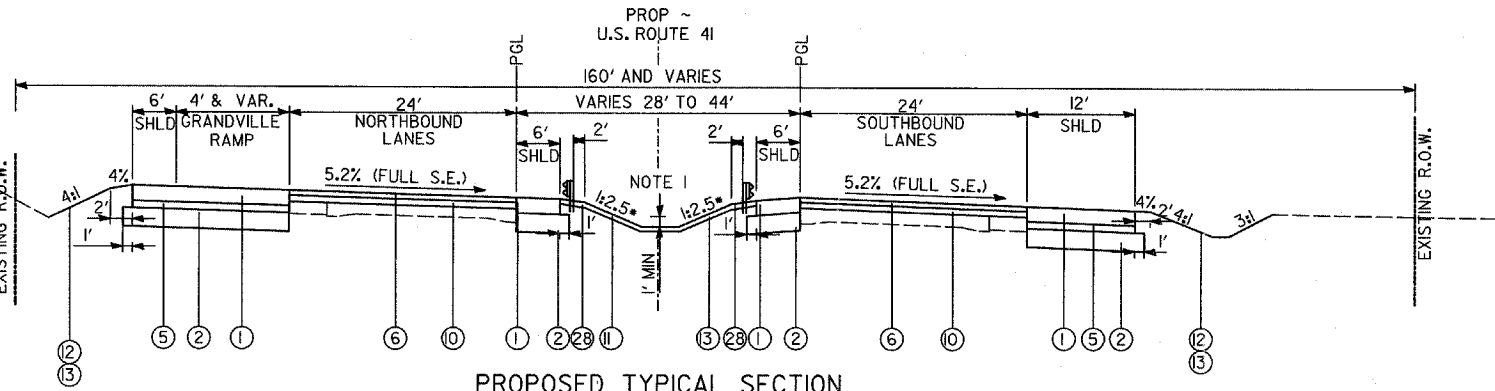
EXISTING LEGEND

- ALL EXISTING PAVEMENT THICKNESSES ARE FROM AS-BUILT PLANS
- (A) COMBINATION CONCRETE CURB & GUTTER
 - (B) HMA SURFACE COURSE, 1 3/4"
 - (C) LEVELING BINDER, 3/4"
 - (D) P.C.C. PAVEMENT, 10"
 - (E) SUB BASE GRANULAR MATERIAL, 4"
 - (F) P.C.C. BASE COURSE WIDENING, 9"
 - (G) HMA SURFACE COURSE, 1 1/2"
 - (H) HMA BINDER COURSE, MIN 1/2"
 - (I) 10-8-10 P.C.C. PAVEMENT
 - (J) RETAINING WALLS
 - (K) P.C.C. SIDEWALK
- REMOVAL ITEMS

PROPOSED LEGEND

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (2) AGGREGATE SUBGRADE 12"
- (3) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (4) PORTLAND CEMENT CONCRETE SIDEWALK 5"
- (5) STABILIZED SUBBASE (HMA) 4 1/2"
- (6) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- (7) CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT
- (8) RETAINING WALL
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (10) LEVELING BINDER (MACHINE METHOD), N70, 3/4" (MIN.) TO 2 1/4"
- (11) SODDING, SALT TOLERANT
- (12) SEEDING, CLASS 2A
- (13) TOPSOIL FURNISH AND PLACE, 4"
- (14) AGGREGATE BASE COURSE, TYPE B, 9"
- (15) TEMPORARY PAVEMENT:
PORTLAND CEMENT CONCRETE PAVEMENT 8" OR
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2" WITH
HOT-MIX ASPHALT BASE COURSE, 8"
- (16) AGGREGATE SURFACE COURSE, TYPE B
- (17) ANCHORAGE SLAB
- (18) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06
- (19) CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT
- (20) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- (21) NOT USED
- (22) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
- (23) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/4"
- (24) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.06
- (25) PORTLAND CEMENT CONCRETE BASE COURSE 10"
- (26) LONGITUDINAL CONSTRUCTION JOINT (TIE BAR FORMED IN PLACE)
- (27) LONGITUDINAL SAWED JOINT
- (28) HOT-MIX ASPHALT SHOULDERS, 6"

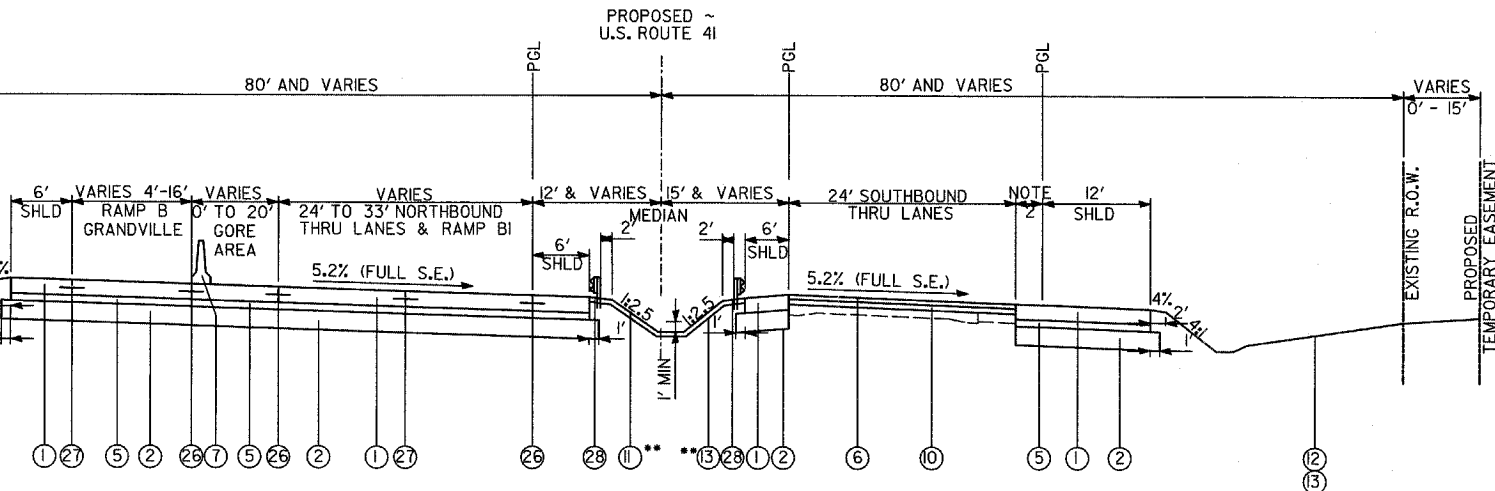
NOTE 1:
DITCH WORK BEGINS AT STA. 511+99.17



PROPOSED TYPICAL SECTION

U.S. ROUTE 41
 STA. 509+68.98 (NB) TO STA. 512+40 (NB)
 STA. 511+99.17 (SB) TO STA. 512+40 (SB)
 • STA. 509+68.98 (NB) TO STA. 511+77.56 (NB)
 LT SWALE SLOPE IS 5% AND RT SWALE SLOPE IS 4%

NOTE 2:
RAMP A VARIES FROM 0' TO 1.5'



PROPOSED TYPICAL SECTION

U.S. ROUTE 41
 STA. 512+40 TO STA. 519+88
 • GRASS MEDIAN FROM STA. 512+40 TO STA. 513+50.
 CONCRETE LINED MEDIAN FROM STA. 513+50 TO STA. 519+88.

NOTES:
 1. AGGREGATE SUBGRADE IN EXCESS OF 12" UNDER SHOULDERS SHALL BE INCIDENTAL TO THE COST OF AGGREGATE SUBGRADE 12".
 2. P.C.C. TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ARTICLE 1020 OF THE STANDARD SPECIFICATIONS.

LOCATION	MIXTURE TYPE	AC TYPE	AIR VOIDS
SIDE STREETS TEMP. PAVT. TEMP. SIDEWALK	HOT-MIX ASPHALT SURFACE COURSE (IL 9.5 mm) MIX "C", N50	PG 64-22	4% @ 50 GYR
U.S. 41	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SUPERPAVE, MIX "F", N90	SBS/SBR PG 70-22	4% @ 90 GYR
SIDE STREETS	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	PG 64-22*	4% @ 50 GYR
U.S. 41	LEVELING BINDER (MACHINE METHOD), N70 (IL-19 mm)	PG 64-22*	4% @ 70 GYR
	STABILIZED SUB-BASE HOT-MIX ASPHALT (BINDER IL-19 mm)	PG 64-22*	2% @ 30 GYR
	CLASS D PATCHES (HMA BINDER IL-19mm)	PG 64-22*	4% @ 70 GYR
TEMP. PAVT.	HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm)	PG 64-22*	4% @ 50 GYR
	HOT-MIX ASPHALT SHOULDER (HMA BINDER IL-19 mm)	PG 64-22*	2% @ 30 GYR
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT MIXTURES IS 112 LBS/SQ YD./IN.			
* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.			

STRUCTURAL DESIGN TRAFFIC: YEAR 2016
 PV = 50382 SU = 1362 MU = 2723
 ROAD/STREET CLASSIFICATION: CLASS _____
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 32 S = 45 M = 45
 TRAFFIC FACTOR: ACTUAL TF = 18.88 AC TYPE = _____
 MINIMUM TF = 10.05
 PG GRADE: BINDER = _____ SURFACE = _____
 SUBGRADE SUPPORT RATING:
 SSR = _____ (STA. _____ TO _____)

REVISIONS	
NAME	DATE
ANNA ZYSMAN	05/30/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
 U.S. 41 (SKOKIE HIGHWAY)
 AT IL ROUTE 132
 PROPOSED
 TYPICAL SECTIONS
 U.S. 41
 SCALE: NONE DRAWN BY:
 DATE: MAY 12, 2008 CHECKED BY:

PROPOSED TYPICAL SECTION
 U.S. ROUTE 41
 STA. 519+88 (NB) TO STA. 523+14.69 (NB)
 STA. 519+88 (SB) TO STA. 523+00.00 (SB)