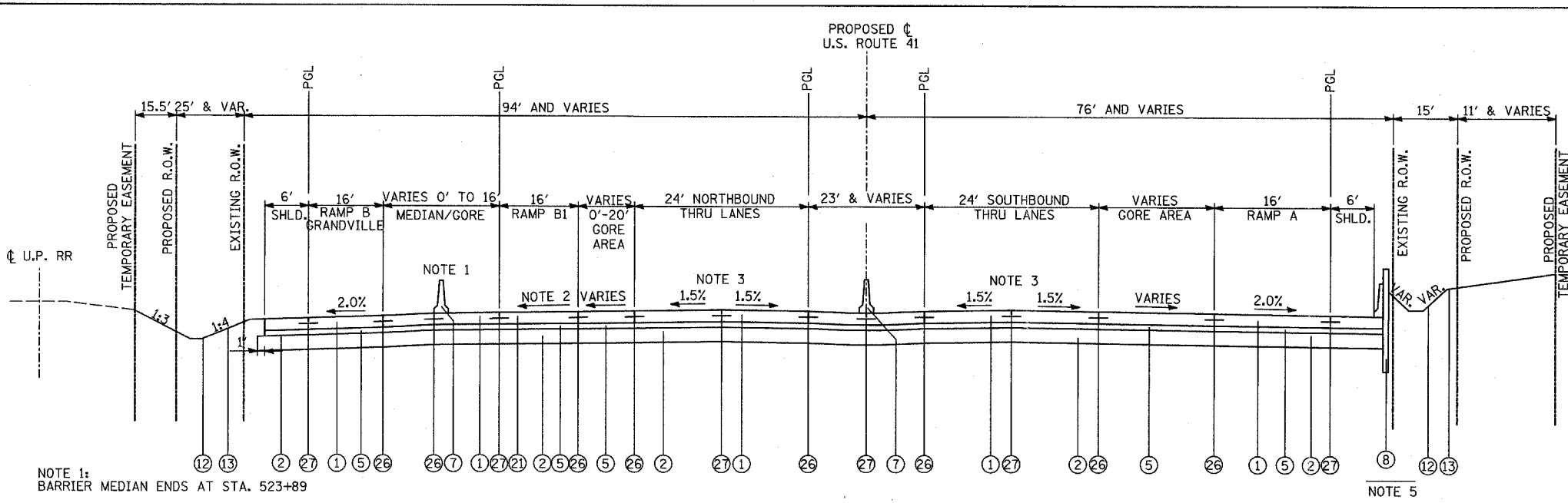


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346		LAKE	469	15
STA. TO STA.		TO STA.		
FED. ROAD DIST. NO. D-91-404-99		ILLINOIS	FED. AID PROJ. NO.	
125X-HB-(1&2) R-1		CONTRACT # 608		



- NOTE 1:  
BARRIER MEDIAN ENDS AT STA. 523+89
- NOTE 2:  
SUPERELEVATION TRANSITION (5.2% TO -2%) FROM STA. 602+25 TO STA. 604+81
- NOTE 3:  
SEE SUPERELEVATION TRANSITION TABLE
- NOTE 4:  
OMIT SINGLE FACE BARRIER WALL FROM STA 531+00 TO 538+00
- NOTE 5:  
SEE SUMMARY TABLE OF WALL LIMITS

**PROPOSED TYPICAL SECTION**

U.S. ROUTE 41  
STA. 523+14.69 (NB) TO STA. 527+77.00 (NB)  
STA. 523+00.00 (SB) TO STA. 526+47.00 (SB)

**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 1/2"
  - (I) 10-8-10 P.C.C. PAVEMENT
  - (J) RETAINING WALLS
  - (K) P.C.C. SIDEWALK

REMOVAL ITEMS

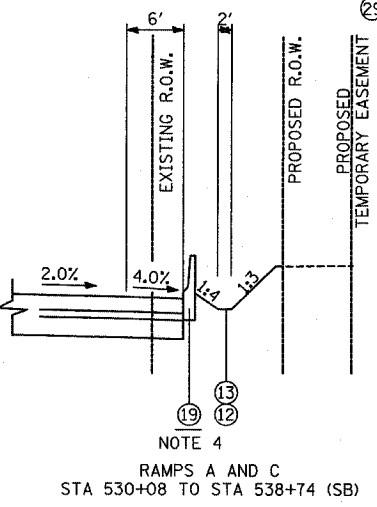
**PROPOSED LEGEND**

- (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"
- (29) PIPE UNDERDRAINS 6"

**U.S. 41 RETAINING WALL LIMITS**

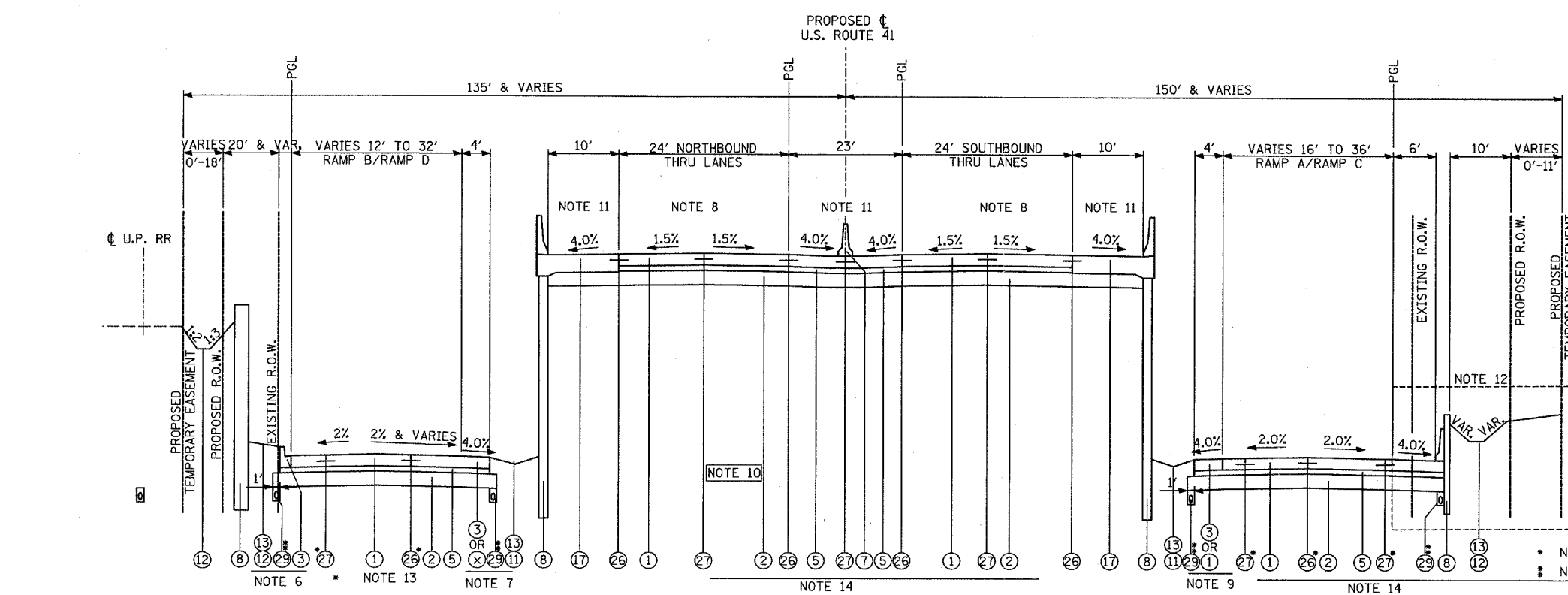
WALL	BEGIN STA	ENDING STA	ALIGNMENT
J	106+23.98	110+23.60	RAMPA
K	527+76.95	529+93.95	P41SB
L	527+91.28	530+28.28	M41NB
M	209+34.09	213+73.11	MRMPB
N	305+29.91	312+64.94	RAMPC
O	537+03.57	540+88.57	P41SB
P	537+38.07	539+54.75	M41NB
Q	400+84.81	403+97.09	MRMPD

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



**U.S. 41 SUPERELEVATION TRANSITIONS**

CROSS-SLOPE	SB ALIGNMENT	NB ALIGNMENT
4.00% (SB) 4.20% (NB) (MATCH EXISTING)	512+00.00	509+68.98
5.20% (FULL SE)	512+43.20 TO 522+00.00	510+04.98 TO 522+00.00
3.68%	522+62.08	522+62.09
1.50%	523+52.78	523+52.78
0% 1.50%	523+88.78	523+88.78
1.50% 1.50%	524+24.78	524+24.78



**PROPOSED TYPICAL SECTION**

U.S. ROUTE 41  
STA. 527+77 (NB) TO STA. 539+90 (NB), STA. 526+47 (SB) TO STA. 541+36 (SB)

- NOTE 6:  
6' SHLD. USED FROM STA. 527+77 TO STA. 532+66
- NOTE 7:  
CC&G USED FROM STA. 531+70 TO STA. 536+18
- NOTE 8:  
OMIT MAINLINE PAVEMENT STA. 530+05 TO STA. 537+29.5
- NOTE 9:  
CC&G USED FROM STA. 531+16 TO STA. 535+68

- NOTE 10:  
AGGREGATE SURFACE COURSE, TYPE B USED UNDER BRIDGE FROM STA. 530+25 TO STA. 533+22 AND STA. 534+21 TO STA. 537+04
- NOTE 11:  
SEE PLAN SHEETS FOR SHOULDER SLOPE TRANSITION LOCATIONS
- NOTE 12:  
SEE SEPARATE SECTION ON RIGHT FOR GRADING FROM STA 530+08 TO STA 538+74

- NOTE 13:  
SEE INTERSECTION JOINTING PLANS FOR PLACEMENT
- NOTE 14:  
POROUS GRANULAR EMBANKMENT, SUBGRADE, DEPTH = 6 IN, TO BE PLACED ACROSS ENTIRE PAVEMENT WIDTH FROM STA. 528+25 TO STA. 529+00 (US 41 NB AND SB) AND STA. 529+00 TO STA. 530+00 (US 41 SB). POROUS GRANULAR EMBANKMENT, SUBGRADE, DEPTH = 12 IN, TO BE PLACED ACROSS ENTIRE PAVEMENT WIDTH FROM STA. 303+50 TO STA. 304+50 (RAMP C) AND FROM STA. 403+50 TO STA. 404+50 (RAMP D).

- NOTE 15:  
PIPE UNDERDRAINS 6" INSTALLED UNDER BOTH EDGES OF PAVEMENT AT:  
RAMP A FROM STA. 111+25 TO 112+39,  
RAMP B FROM STA. 211+60 TO 213+19,  
RAMP C FROM STA. 301+00 TO 302+00,  
RAMP D FROM STA. 401+00 TO 402+00.

REVISIONS	
NAME	DATE
FAW	6/17/08

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**U.S. 41 (SKOKIE HIGHWAY)**  
AT IL ROUTE 132

**PROPOSED TYPICAL SECTIONS**  
U.S. 41

SCALE: NONE  
DATE: MAY 12, 2008

DRAWN BY:  
CHECKED BY: