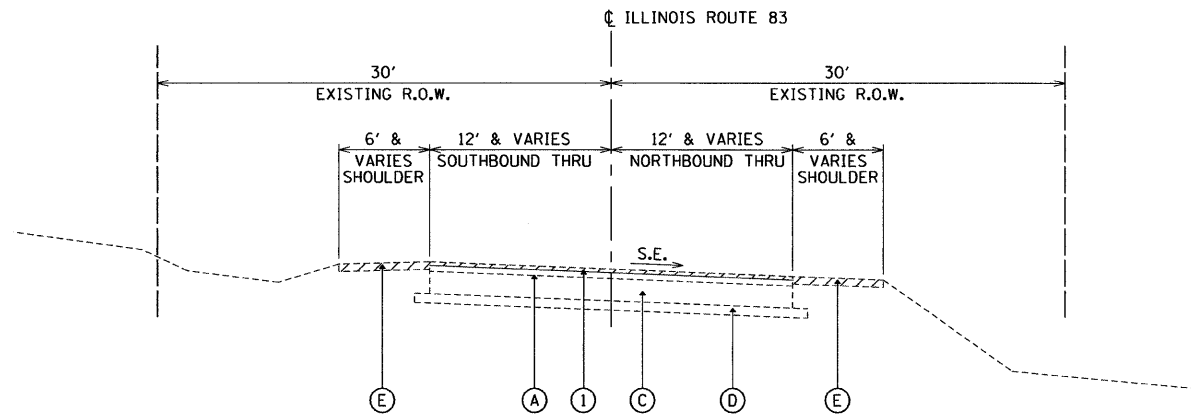
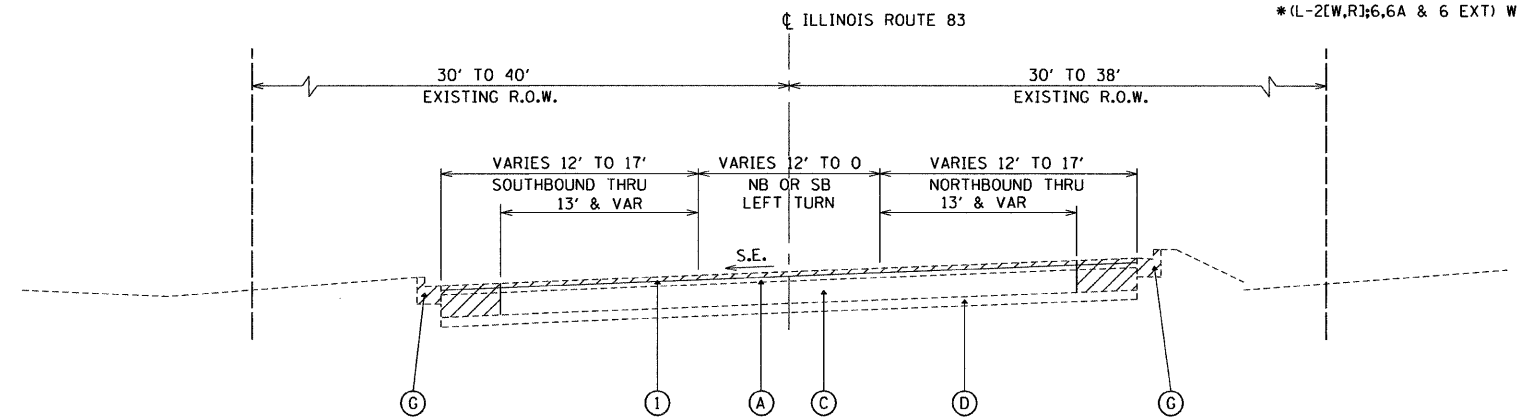


F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	16
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

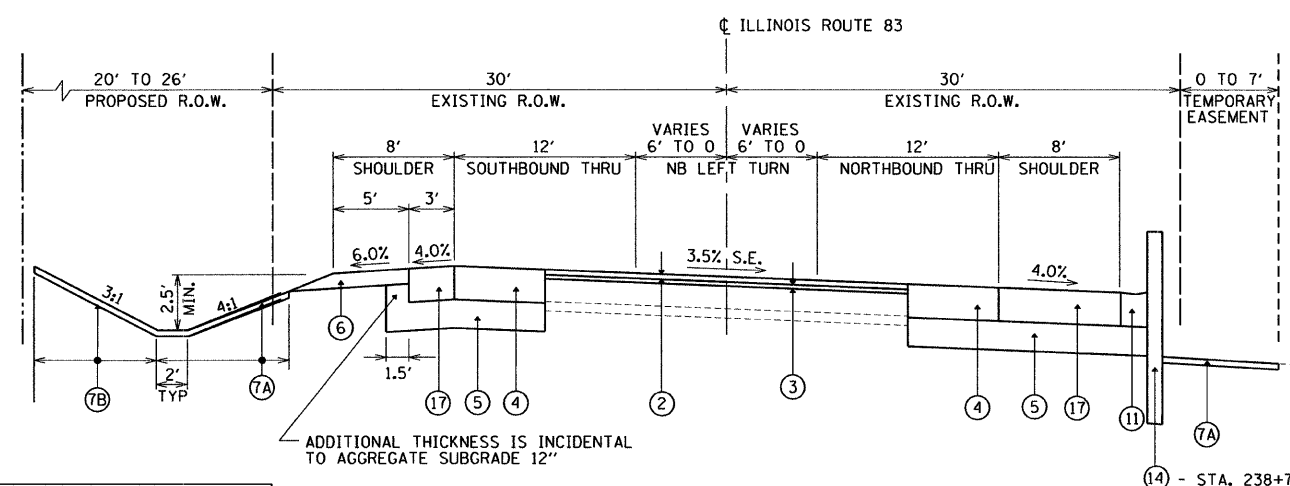
*(L-2(LW,R)6,6A & 6 EXT) WRS-1



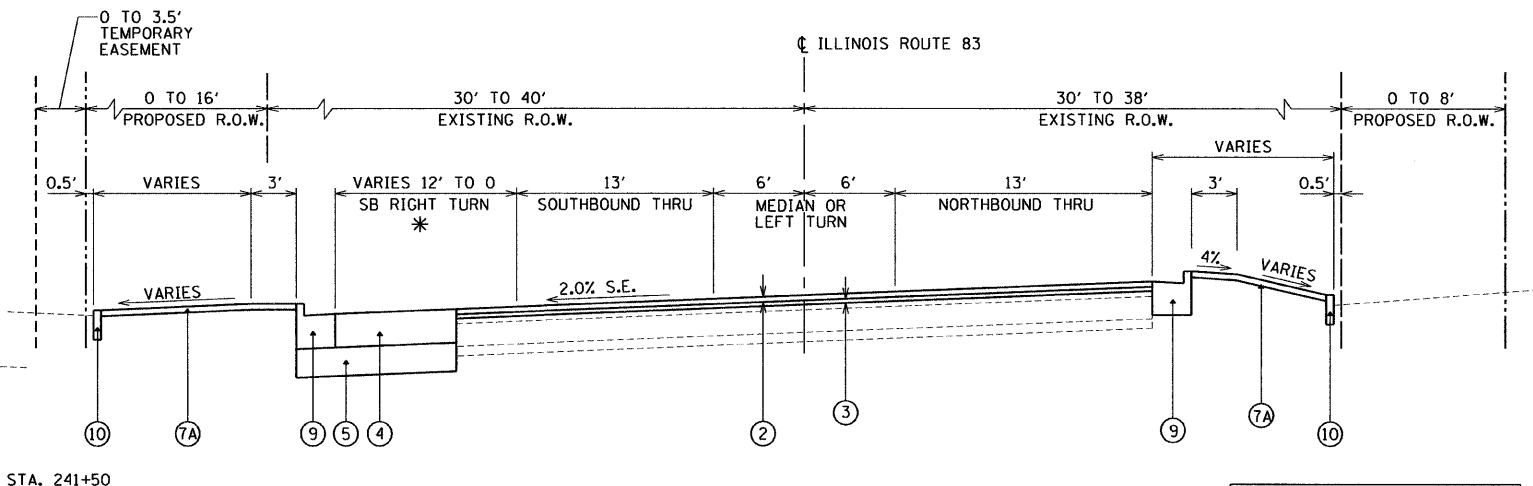
EXISTING TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 233+67 TO STA. 241+50



EXISTING TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 241+50 TO STA. 253+22



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 83
STA. 236+03 TO STA. 243+24



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 83 @ GRASS LAKE ROAD
STA. 247+77 TO STA. 250+48
* - STA. 250+69.75 TO STA. 253+24.32

SUPERELEVATION TRANSITION
STA. 233+67 TO STA. 236+03
STA. 243+24 TO STA. 245+60

SUPERELEVATION TRANSITION
STA. 245+37 TO STA. 247+77
STA. 250+48 TO STA. 252+88

LEGEND:

- | | | |
|--|--|---|
| EXISTING CONDITIONS: | PROPOSED IMPROVEMENTS: | |
| (A) HMA SURFACE (VARIES 2'-4") | (1) HMA SURFACE REMOVAL, 2" | (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 |
| (B) HMA BASE COURSE (5'-17/2") | (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (2") | (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 |
| (C) P.C.C. PAVEMENT (VARIES 6'-10") | (3) LEVELING BINDER (MACHINE METHOD), N70, VARIES 1" TO 2 1/4" | (10) CONCRETE CURB, TYPE B |
| (D) AGGREGATE SUBBASE (4") | (4) HOT-MIX ASPHALT PAVEMENT, (FULL DEPTH) 13" | (11) CONCRETE GUTTER, TYPE B |
| (E) HMA SHOULDERS (DEPTH VARIES) | (5) AGGREGATE SUBGRADE 12" | (12) STEEL PLATE BEAM GUARD RAIL, TYPE A OR TYPE B |
| (F) AGGREGATE SHOULDERS (DEPTH VARIES) | (6) AGGREGATE SHOULDER, TYPE B 6" | (13) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH |
| (G) COMBINATION CONCRETE CURB AND GUTTER | (7A) - TOPSOIL FURNISH AND PLACE, 4"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET OR
SODDING, SALT TOLERANT
SEE PLANS FOR LOCATIONS | (14) CONCRETE ENCASED SHEET PILE RETAINING WALL |
| (H) GUARD RAIL | (7B) - COMPOST FURNISH AND PLACE, 2"
- FERTILIZER NUTRIENTS
- SEEDING, CLASS 4A | (15) SEGMENTAL CONCRETE BLOCK WALL |
| (I) SIDEWALK | | (16) STABILIZED MEDIAN SURFACE, 12" |
| (J) RETAINING WALL | | (17) HMA SHOULDER, 13" |
| (X) ITEM TO BE REMOVED | | |

NOTES:

POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE FROM STA. 250+00 TO STA. 253+20 FOR SOILS WHICH TEND TO BE UNSUITABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION SUBGRADE STABILITY MANUAL). IF THE SOIL IS UNSUITABLE THE SOIL SHALL BE REMOVED AND REPLACED WITH PGES. IF UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

NOTE:
WHERE LEVELING BINDER EXCEEDS 2 1/4", HMA BINDER COURSE IL 19.0, N70 SHALL BE USED. SEE SHEET 30 FOR CROSS SLOPE AND CENTERLINE PROFILE CORRECTION

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD TYPICAL SECTIONS STA 233+67 TO 252+88
NAME	DATE	
		DATE: 1/30/09 DRAWN BY: BR CHECKED BY: MW GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS