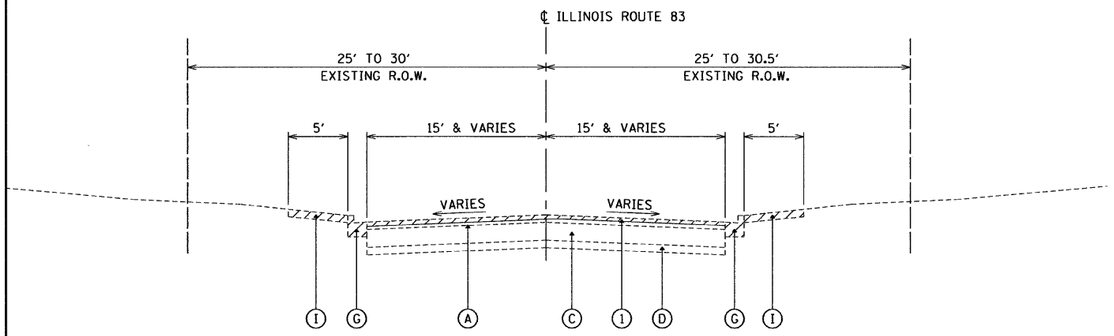
CONTRACT NO. 62700

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	21
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

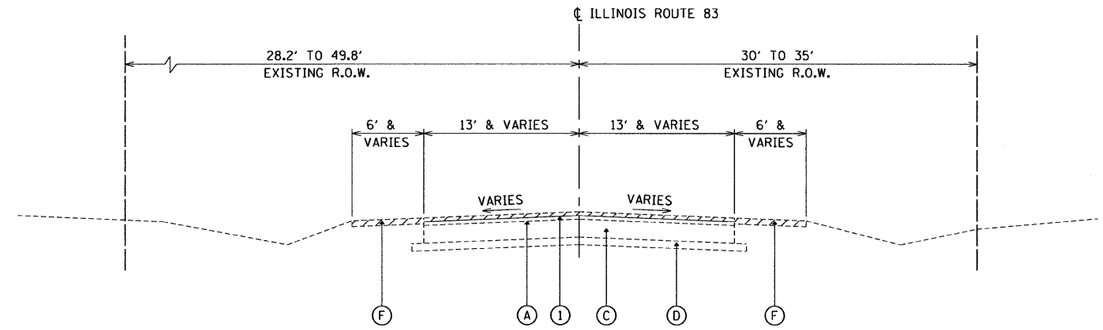
*(L-2(W,R);6,6A & 6 EXT) WRS-1



EXISTING TYPICAL SECTION

ILLINOIS ROUTE 83

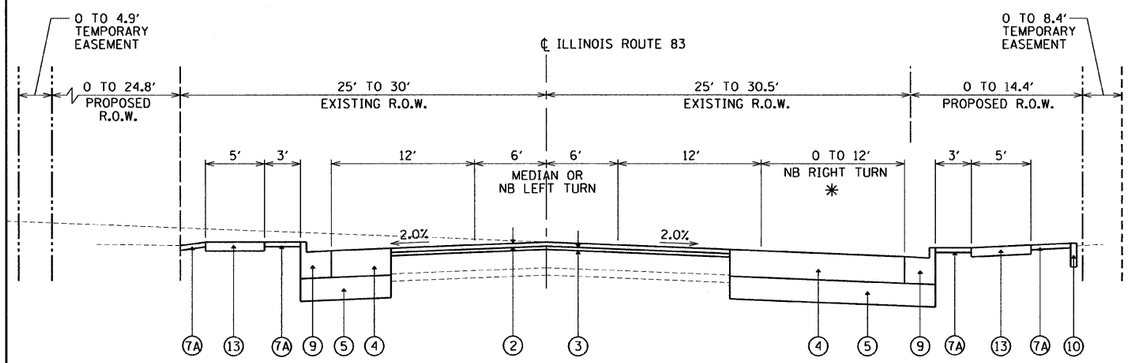
STA. 460+40 TO STA. 467+85



EXISTING TYPICAL SECTION

ILLINOIS ROUTE 83

STA. 467+85 TO STA. 474+05

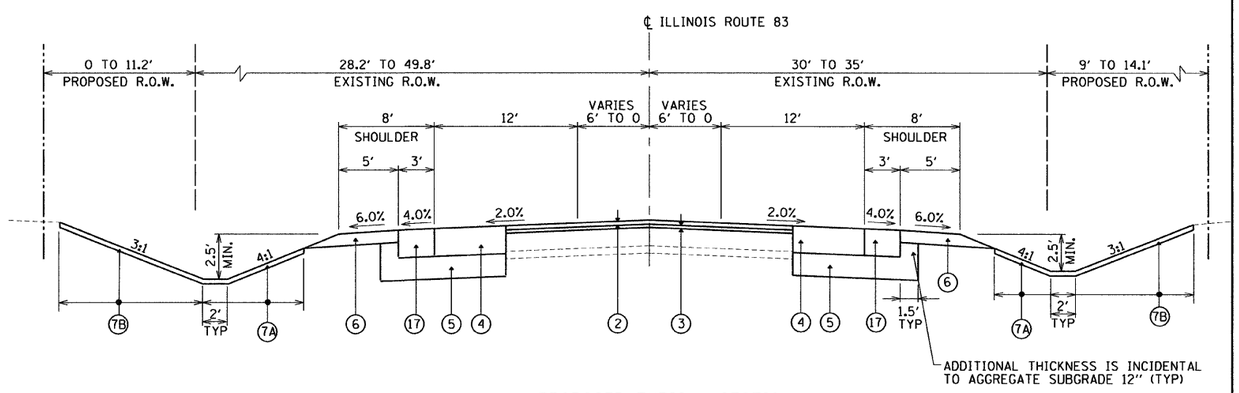


PROPOSED TYPICAL SECTION

ILLINOIS ROUTE 83

STA. 460+40 TO STA. 467+85.2

* - STA. 461+76 TO STA. 464+39.72



PROPOSED TYPICAL SECTION

ILLINOIS ROUTE 83

STA. 467+85.2 TO STA. 470+14

STA. 471+53 TO STA. 474+05

L E G E N D :

EXISTING CONDITIONS:

- (A) HMA SURFACE (VARIES 2-4")
- (B) HMA BASE COURSE (5-17½")
- (C) P.C.C. PAVEMENT (VARIES 6-10")
- (D) AGGREGATE SUBBASE (4")
- (E) HMA SHOULDERS (DEPTH VARIES)
- (F) AGGREGATE SHOULDERS (DEPTH VARIES)
- (G) COMBINATION CONCRETE CURB AND GUTTER
- (H) GUARD RAIL
- (I) SIDEWALK
- (J) RETAINING WALL
- ▨ ITEM TO BE REMOVED

PROPOSED IMPROVEMENTS:

- (1) HMA SURFACE REMOVAL, 2 "
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (2")
- (3) LEVELING BINDER (MACHINE METHOD), N70, VARIES 1' TO 2¼"
- (4) HOT-MIX ASPHALT PAVEMENT, (FULL DEPTH) 13"
- (5) AGGREGATE SUBGRADE 12"
- (6) AGGREGATE SHOULDER, TYPE B 6"
- (7A) - TOPSOIL FURNISH AND PLACE, 4"
  - FERTILIZER NUTRIENTS
  - SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET
    OR
    SODDING, SALT TOLERANT
    SEE PLANS FOR LOCATIONS
- (7B) - COMPOST FURNISH AND PLACE, 2"
  - FERTILIZER NUTRIENTS
  - SEEDING, CLASS 4A
- (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (10) CONCRETE CURB, TYPE B
- (11) CONCRETE GUTTER, TYPE B
- (12) STEEL PLATE BEAM GUARD RAIL, TYPE A OR TYPE B
- (13) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (14) CONCRETE ENCASED SHEET PILE RETAINING WALL
- (15) SEGMENTAL CONCRETE BLOCK WALL
- (16) STABILIZED MEDIAN SURFACE, 12"
- (17) HMA SHOULDER, 13"

NOTE:
WHERE LEVELING BINDER EXCEEDS 2¼",
HMA BINDER COURSE IL 19.0, N70 SHALL
BE USED. SEE SHEET 30 FOR CROSS SLOPE AND
CENTERLINE PROFILE CORRECTION

NOTES:

POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE FROM STA. 461+00 TO STA. 464+50 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.

TYP-8

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 83
FROM THE WISCONSIN STATE LINE TO
NORTH OF PETITE LAKE ROAD

TYPICAL SECTIONS

STA 460+40 TO 474+05

DATE: 1/30/09

DRAWN BY: BR
CHECKED BY: MW

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

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