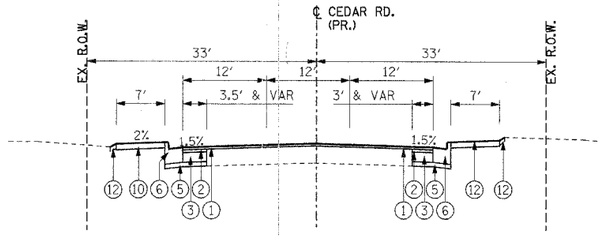
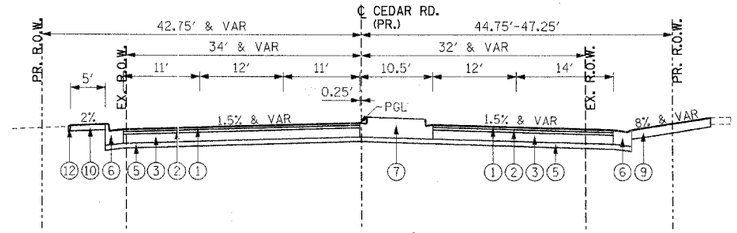
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	97-00025-00-BR	WILL	156	11
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

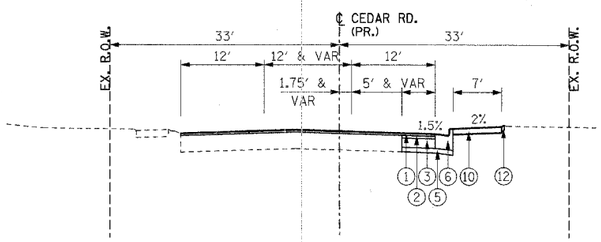
CONTRACT NO: 83757



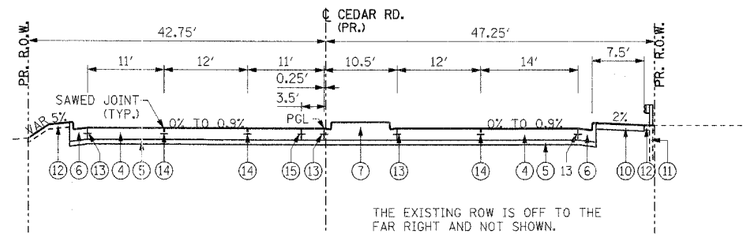
PROPOSED CEDAR ROAD
STA. 3+43.58 TO STA. 5+75.04
SEE NOTE 1



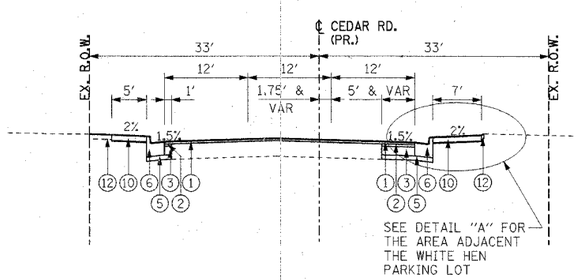
PROPOSED CEDAR ROAD
STA. 10+99.57 TO STA. 11+67.28
SEE NOTE 3



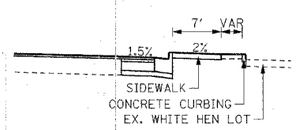
PROPOSED CEDAR ROAD
STA. 6+68.79 TO STA. 8+78.51



PROPOSED CEDAR ROAD
STA. 11+99.00 TO STA. 12+41.60
SEE NOTE 4



PROPOSED CEDAR ROAD
STA. 8+78.51 TO STA. 9+44.48
SEE NOTE 2



DETAIL "A"

PAVEMENT DESIGN
CLASS II ROADWAY
STRUCTURAL DESIGN TRAFFIC: YEAR 2015
PC: 13,500 SU: 483 MU: 267
MINIMUM SOIL SUPPORT: IBR = 2
TRAFFIC FACTOR: 1.29
STRUCTURAL NUMBER: 4.55
TRAFFIC LANE: 2" BIT CONC SURF CSE, MIX D, TY 2, CL 1 2¼" BIT CONC BIND CSE, MIX B, TY 2 8" BIT BASE CSE 4" CRUSHED AGG SUB GRAN MAT, TY B

BITUMINOUS MIX REQUIREMENTS

ITEM	AC TYPE	VOIDS	RAP%
PROPOSED PAVEMENT			
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70	PG 64-22	4% @ 70 GYR	10
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N70	PG 64-22	4% @ 70 GYR	15
BITUMINOUS BASE COURSE, SUPERPAVE	PG 58-22	2% @ 50 GYR	50
SHOULDER			
BITUMINOUS SHOULDER, SUPERPAVE	PG 58-22	2% @ 30 GYR	50

PROPOSED LEGEND

1. 2" BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, CLASS D, N70
2. 2¼" BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N70
3. 8" BITUMINOUS BASE COURSE, SUPERPAVE
4. PORTLAND CEMENT CONCRETE PAVEMENT 10"
5. 4" SUB-BASE GRANULAR MATERIAL, TYPE B
6. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 OR M-4.24
7. CONCRETE MEDIAN, TYPE SB-6.12 or SM-4.12
8. 6" BITUMINOUS SHOULDERS, SUPERPAVE
9. 8" BITUMINOUS DRIVEWAY PAVEMENT OR 6" PCC DRIVEWAY PAVEMENT
10. 5" P.C. CONCRETE SIDEWALK
11. GUARDRAIL
12. TOPSOIL, 4"
13. NO. 6x24" EPOXY COATED DEFORMED TIE BARS AT 24" C-C (INCLUDED IN COST OF CURB AND GUTTER OR MEDIAN)
14. NO. 6x38" EPOXY COATED DEFORMED TIE BARS AT 38" C-C FOR SAWED LONGITUDINAL JOINT (INCLUDED IN THE COST OF PAVEMENT)
15. NO. 8x24" EPOXY COATED DEFORMED TIE BARS AT 24" C-C FOR LONGITUDINAL CONSTRUCTION JOINT (INCLUDED IN THE COST OF PAVEMENT)
16. POROUS GRANULAR EMBANKMENT, SUBGRADE

NOTES

1. INTERSECTION OF CEDAR ROAD AND HICKORY STREET: STA. 5+75.04 TO STA. 6+68.79.
2. INTERSECTION OF CEDAR ROAD AND U.S. ROUTE 30: STA. 9+44.48 TO STA. 10+99.57
3. INTERSECTION OF CEDAR ROAD AND THE CHICAGO, ROCK ISLAND AND PACIFIC RAILROAD: STA. 11+67.28 TO STA. 11+99.00.
4. SEE PROPOSED BRIDGE TYPICAL SECTIONS FOR STA. 12+41.60 TO STA.13+51.70.

REVISIONS	
NAME	DATE

VILLAGE OF NEW LENOX
F.A.U. (0369) CEDAR ROAD OVER HICKORY CREEK
WILL COUNTY

TYPICAL SECTIONS II (PROPOSED)

SCALE: NTS
DATE: 07/01/05
DRAWN BY: PFR
CHECKED BY: KPS

TENG

TENG & ASSOCIATES, INC.
ENGINEERS•ARCHITECTS•PLANNERS
180 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0800

R05SPF
..\TEGONZ.DGN, ..\LGDOCNRY.DGN
7-19-2005, 8:32:49 S:\DOCUMENT\02280\CIVIL\DGN\TSCRONWO.DGN