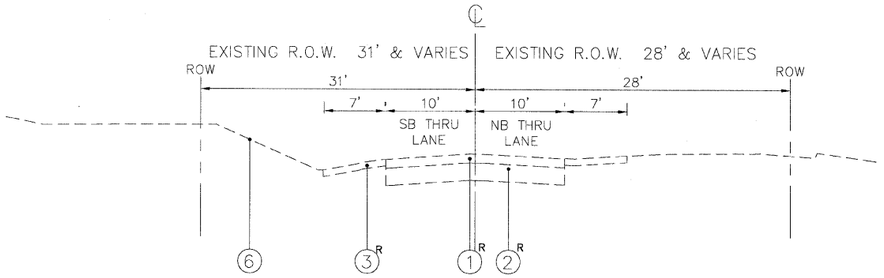
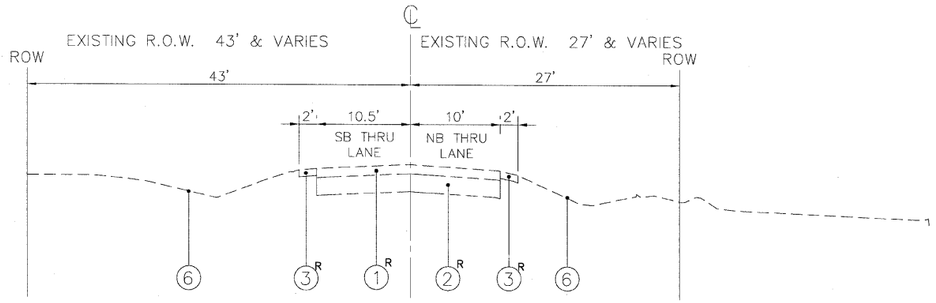
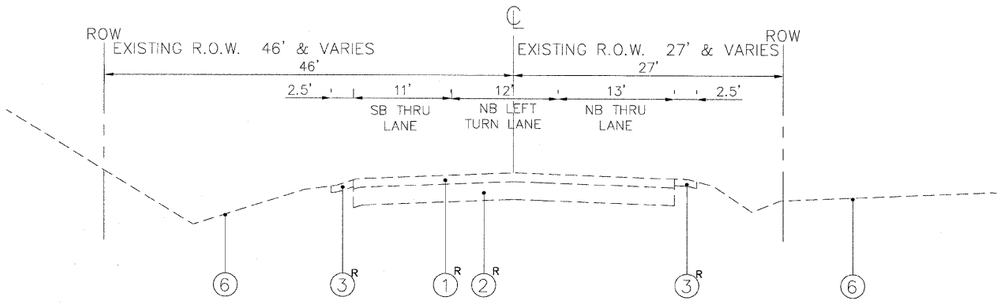
F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1223	00-00047-10-FP	LAKE	180	13
TYPICAL CROSS SECTIONS				
CONTRACT NO. 83845	ILLINOIS			



TYPICAL EXISTING CROSS SECTION CEMETERY ROAD
FROM STA. 198+49 TO STA. 210+00
SHOWN AT STA. 202+00



TYPICAL EXISTING CROSS SECTION CEMETERY ROAD
FROM STA. 210+00 TO STA. 243+00
SHOWN AT STA. 228+00



TYPICAL EXISTING CROSS SECTION CEMETERY ROAD
FROM STA. 243+00 TO STA. 251+00
SHOWN AT STA. 247+00

TYPICAL CROSS SECTION LEGEND

NO	DESCRIPTION
(1)	EXISTING BITUMINOUS PAVEMENT (VARIES 8" TO 16")
(2)	EXISTING AGGREGATE BASE COURSE (VARIES 5" TO 16")
(3)	EXISTING AGGREGATE SHOULDER (VARIES 6" TO 10")
(4)	EXISTING BITUMINOUS SHOULDER (VARIES 6" TO 10")
(5)	EXISTING CONCRETE CURB & GUTTER
(6)	EXISTING GROUND
(7)	EXISTING LANDSCAPED MEDIAN
(8)	HOT-MIX SURFACE REMOVAL, 2-1/2"
(9)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
(10)	EARTHWORK REMEDIAL TREATMENT - SEE SHEET 2
(11)	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 12"
(12)	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 8"
(13)	HOT-MIX ASPHALT SURFACE COURSE, MIX 'D' N50, 2"
(14)	HOT-MIX ASPHALT SURFACE COURSE, MIX 'D' N50, 2½"
(15)	HOT-MIX ASPHALT SURFACE COURSE, MIX 'D' N70, 2"
(16)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2"
(17)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2"
(18)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 8"
(19)	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75, N50, (VARIES ¾" TO 1¼")
(20)	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
(21)	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
(22)	AGGREGATE SUBGRADE, 12"
(23)	AGGREGATE BASE COURSE, TYPE 'B', 6"
(24)	POROUS GRANULAR EMBANKMENT SUBGRADE
(25)	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
(26)	PIPE UNDERDRAINS, 4"(MODIFIED)
(27)	P.C.C. SIDEWALK, 5"
(28)	CONCRETE MEDIAN SURFACE, 4"
(29)	TOPSOIL PLACEMENT, 6"
(30)	SEEDING, CLASS 2A
(31)	EROSION CONTROL BLANKET (SPECIAL)
(X)R	ITEM TO BE REMOVED

NOTE:

ANY CONSTRUCTION WORK WITHIN IDOT'S R.O.W. WILL FOLLOW IDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.

POROUS GRANULAR EMBANKMENT (PGE) SUBGRADE SHALL BE PROVIDED AT LOCATIONS INDICATED FOR SOILS WHICH ARE NOTED TO BE UNSTABLE WHEN WET. THE LIMITS OF THIS REMOVAL AND REPLACEMENT WITH PGE WILL BE DETERMINED IN THE FIELD BY THE ENGINEER, WITH THE USE OF A CONE PENETROMETER AND THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE SOILS ARE ENCOUNTERED, THE SOILS SHALL BE REMOVED AND REPLACED WITH PGE. THE WIDTH OF UNDERCUT SHOULD BE FROM THE EDGE OF THE EXISTING PAVEMENT TO TWO FEET BEHIND THE PROPOSED BACK OF CURB. PERFORATED 4" PVC SDR 35 TRANSVERSE UNDERDRAINS SHALL BE PLACED AT THE LOW POINTS OF ALL UNDERCUTS REPLACED WITH PGE. UNDERDRAINS SHALL BE INSTALLED 30" BELOW FINAL PAVEMENT GRADE AND CONNECT TO THE STORM SEWER WHERE POSSIBLE.

PLANS PREPARED BY:
GEWALT HAMILTON ASSOCIATES, INC.
Consulting Engineers & Surveyors
850 Forest Edge Drive
Vernon Hills, IL 60061
(847) 478-9700
(847) 478-9701 Fax

REVISIONS	
NAME	DATE
REV.-1 IDOT COMMENTS	02-03-06
REV.-2 PLANS STAGED	06-02-06
REV.-5 PRE-FINAL SUB	02-20-07
PS&E SUBMITTAL	04-10-09

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL CROSS SECTIONS
CEMETERY ROAD
PROPOSED ROADWAY WIDENING
AND INTERSECTION IMPROVEMENTS
WASHINGTON STREET & CEMETERY ROAD

SCALE: NTS
DATE: 11-12-04
DRAWN BY: CGP
DESIGNED BY:
CHECKED BY:

3061-212-02M-XSEC.dwg