F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2605	02-00170-09-CH	LAKE	66	19
1233				
STA. 31+00		TO STA. 35+00		
FED.ROAD DIST.NO.5	ILLINOIS	PROJECT CMM-8003(207)		

CONTRACT NO. 83837

BENCHMARK: SOUTHWEST BOLT ON HYDRANT IN SOUTHWEST CORNER OF WINCHESTER ROAD AND ADDERLY LANE. ELEVATION = 828.17

BENCHMARK: CUT 'X' IN SOUTH BOLT ON 1ST HYDRANT WEST OF MIDLOTHIAN ROAD ON THE SOUTHSIDE OF WINCHESTER ROAD. ELEVATION = 809.85

BEGIN IMPROVEMENT WINCHESTER ROAD STA. 31+50

STA. 31+80 MATCH EXISTING CURB & GUTTER

10-12-300-023 TIMOTHY P. ROPPELT

A-24, 4' DIA 32+50, 20.00' LT EOP 814.80 INV S 811.00 INV E 808.20

A-1P, 4' DIA 32+80, 27.50' LT TF 815.00 INV 808.10

12" PRC FES 33+44, 45' LT INV 806.80

12" SS TY 2 CLASS A 150' @ 1.5%

33+17.47 50.06 LT

33+17.47 40.06 LT

12" PRC FES 34+00, 38' LT INV 805.60

A-24, 4' DIA 34+00, 20.00' LT EOP 809.41 INV 805.65

A-1P, 4' DIA RD 34+00, 27.50' LT TF 808.60 INV W 805.85 INV N,S 805.62

2 CENTERED CURVE 47'R-322'R- 12' OFFSET

35+00.00 59.97 LT

34+50.00 50.00 LT

PROPOSED R.O.W.

EXISTING R.O.W.

E/OH 12" CMP 817.00 A-1C

32+05.00 20.00 LT EOP 816.52

PR 25.5

5.33

12" SS TY 2 CLASS A 5' @ 2.0% TB 2.0 CY 2'

12" SS TY 1 CLASS A 48' @ 2.08% TB 6.3 CY 48'

B-6.24 C&G

SEE STD. LC6005

MATCH EXISTING AGG SHOULDER

32+05.00 20.00 RT TC 816.52

EXISTING R.O.W.

SILVER MAPLE HONEY LOCUST SILVER MAPLE HICKORY HICKORY

A-24, 2' DIA 32+25, 21.26' RT EOP 815.76 INV 812.00

33+95.00 32.00 RT TC 809.61

VARIABLE DEPTH MILLING

PR 18.3

12" SS TY 1 CLASS A 5' @ 0.50% TB 0.3 CY 2'

34+48.59 20.00 LT EOP 808.30

12" SS TY 1 CLASS A 54' @ 0.50% TB 7.1 CY 54'

A-24, 2' DIA 34+00, 32.00' RT EOP 809.17 INV 805.92

CENTERLINE

* MATCH LINE STA. 35+00 SEE SHEET NO. 3

10-12-302-009 JEFF WINCKLER

10-12-302-010 M. MAZUR & S. MAZUR

10-12-302-011 SOPHIA L. MAZUR

10-12-302-012 PATRICIA TARNOW

10-12-302-013 CARY RISKE

10-12-302-014 ROGER & GLENDA REAL

10-12-302-015 CARL KULLY

SCALE: 1" = 20'

WINCHESTER ROAD

EXISTING ℄ PROFILE

MATCH EXISTING PVC 31+50 818.74

-3.01%

-4.07%

PROPOSED ℄ PROFILE

PVI STA 32+00 ELEV 817.23 L = 100' E = 0.13'

PVI STA 32+50 815.20

12" SS @ 2.08%

812.00

811.00

12" SS @ 1.5%

803.20

EXISTING 16" WATER MAIN

PVI STA 33+00

813.16

PVI STA 34+25 ELEV 808.08 L = 250' E = 1.12'

-4.07%

-0.50%

805.65

EXISTING ℄ PROFILE

PROPOSED ℄ PROFILE

EXISTING 16" WATER MAIN

EXISTING 12" STORM SEWER

PVCC 35+50 807.46

PVI STA 35+80 ELEV 807.31 L = 60' E = 0.08' LOW PT STA 35+80 LOW PT ELEV 807.38

-0.50% +0.50% +0.50%

12" SS @ 0.50%

803.63

12" SS @ 0.80%

803.53

803.89

PVCC 36+10 807.46

-0.65%

PVI STA 36+20 ELEV 807.51 NO VC

12" SS @ 0.44%

802.64

℄ MIDLOTHIAN ROAD 36+19.74 807.51

EXISTING 12" STORM SEWER

Ex. 12" WM

Ex. 12" WM

EXISTING ℄ ELEVATION

PROPOSED ℄ ELEVATION

820.41 818.74 817.95 817.10 816.18 815.20 814.18 813.16 812.19 811.31 810.51 809.81 809.20 808.67 808.23 807.89 807.63 807.46 807.39 807.42 807.48 807.31 807.15 806.99

31+00 +50 +75 32+00 +25 +50 +75 33+00 +25 +50 +75 34+00 +25 +50 +75 35+00 +25 +50 +75 36+00 +25 +50 +75 37+00

821 819 817 815 813 811 809 807 805 803

821 819 817 815 813 811 809 807 805 803

815 813 811 809 807 805 803 801 799 797

LAKE COUNTY DIVISION OF TRANSPORTATION

ENGLISH PLAN AND PROFILE

PROFILE SCALE HORIZ. 1:20 VERT. 1:2

PLAN — SURVEYED — DRAWN — ALIGNMENT CHECKED — R.O.W. STAKED — NOTE BOOK — No. — DATE

PROFILE — SURVEYED — DRAWN — GRADES CHECKED — R.O.W. NOTED — DRIVEWAYS LOCATIONS CHECKED — NOTE BOOK — No. — DATE