F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	036
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT NO: 63522

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / CADD FILE NAME / NOTE BOOK / NO.

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / CADD FILE NAME / NOTE BOOK / NO. / STRUCTURE NOTATIONS OKAY

DATE

..\ALC02A002.DGN, ..\PL02A004.DGN, ..\RD99A000.DGN, ..\PL02A004.DGN, ..\RW02A002.DGN, ..\PL02A004.DGN, ..\RW02A002.DGN, ..\XR02A000.DGN, ..\XR02A000.DGN, ..\SE02A002.DGN, ..\ALC02A002.DGN, ..\PR02A000.DGN, ..\PR02A000.DGN, ..\PR02A000.DGN, ..\PR02A000.DGN, ..\PR02A000.DGN, ..\PR02A000.DGN, ..\RE02A000.DGN

EXISTING PLAN

MATCH LINE STA. 70+00

¢ WALKUP ROAD

EXISTING COM ED TOWERS

COMED ROW

PR. ROW

EX. ROW

PR. EASE

REDBIRD LN.

BURNING BUSH

HMA SURFACE REMOVAL BUTT JOINT

END PAVEMENT REMOVAL

REMOVAL LEGEND

- PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (SEE NOTE 1 SHEET 032)
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- LINEAR REMOVALS
- TREE REMOVAL (WITH DIAMETER)

PROP. CURVE WALKPR-4
PI STA. = 73+29.93
Δ = 0° 21′ 01″ (LT)
D = 0° 15′ 00″
R = 22,911.30′
T = 70.02′
L = 140.04′
E = 0.11′
P.C. STA. = 72+59.91
P.T. STA. = 73+99.95

PROP. CURVE WALKPR-5
PI STA. = 74+77.75
Δ = 1° 32′ 13″ (RT)
D = 0° 59′ 16″
R = 5,800.00′
T = 77.79′
L = 155.58′
E = 0.52′
P.C. STA. = 73+99.95
P.T. STA. = 75+55.53

PROP. CURVE WALKPR-6
PI STA. = 76+85.71
Δ = 2° 34′ 19″ (LT)
D = 0° 59′ 17″
R = 5,799.47′
T = 130.18′
L = 260.32′
E = 1.46′
P.C. STA. = 75+55.53
P.T. STA. = 78+15.85

PROP. CURVE WALKPR-7
PI STA. = 82+43.63
Δ = 2° 08′ 53″ (LT)
D = 0° 15′ 04″
R = 22,816.45′
T = 427.78′
L = 855.45′
E = 4.01′
P.C. STA. = 78+15.85
P.T. STA. = 86+71.31

PROPOSED PLAN

MATCH LINE STA. 70+00

STABILIZED DRIVEWAY 6 INCH

STABILIZED DRIVEWAY 8 INCH

PT Sta 71+68.09

PRC Sta 73+99.95

PC Sta 72+59.91

PRC Sta 75+55.53

PCC Sta 78+15.85

COMB CC&G TB6.24 (TYP)

19.1:1 TAPER

10′ SHARED USE PATH (TYP.)

7′ TYP.

PR. EASE

R 195′

R 205′

R 50′

PR. PERMANENT EASEMENT

PCC SIDEWALK 6″ (TYPE A RAMP) WITH DETECTABLE WARNING

¢ BURNING BUSH TR. STA. 80+73.97

+61.47 80.31′RT

+86.60 80.53′RT

END PAVEMENT RECONSTRUCTION STA. 81+53.97

BEGIN OMMISSION

¢ OF REDBIRD LN. STA. 83+13.88

MATCH EXISTING +78.46

90°24′

• HMA SURFACE COURSE MIX D, N70 (2″)

• COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 13″

PROFILE

PROPOSED ¢/PGL

EXISTING GROUND PROFILE ALONG PR ¢ WALKUP ROAD

K = 156
ex = 0.20′
160.00′ V.C.

+00.00 EL. 926.61

+60.00 EL. 926.52

-0.57%

+0.45%

VPI STA. 73+80.00
ELEVATION 926.16

VPI STA. 79+90.00
ELEVATION 928.92

+0.45%

-0.30%

+30.00 EL. 928.65

+50.00 EL. 928.74

K = 159
ex = -0.11′
120.00′ V.C.

+53.97 EL. 928.43

BEGIN OMMISSION

END PAVEMENT RECONSTRUCTION

	940	935	930	925	920	915	910

	70+00	71+00	72+00	73+00	74+00	75+00	76+00	77+00	78+00	79+00	80+00	81+00	82+00	83+00	84+00
EX ELEVATION	927.61	927.23	926.83	926.50	926.32	926.51	927.06	927.58	928.07	928.21	928.46	928.48	928.36	928.04	927.68
PR ¢ ELEVATION	928.32	927.75	927.18	926.61	926.36	926.70	927.16	927.61	928.06	928.51	928.81	928.59			

REVISIONS

NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

ROADWAY PLAN & PROFILE WALKUP ROAD STA 70+00 TO STA 85+00

SCALE: VERT. 1″ = 5′ HORIZ. 1″ = 50′
DATE: 04/15/11
DRAWN BY: KV
CHECKED BY: MCD

TENG

TENG & ASSOCIATES, INC.
ENGINEERS•ARCHITECTS•PLANNERS
150 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE 312/616-0000