PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
ALIGNMENT CHECKED
R.T. OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
GRADES CHECKED
R.T. OF WAY CHECKED
STRUCTURE NO'S CHKD
BY
DATE

HOT-MIX ASPHALT SURFACE COURSE
HOT-MIX ASPHALT BASE COURSE
AGGREGATE BASE COURSE

EXIST ROW

CONSTRUCTION BASELINE

411 412 413 414 415+00

B-4

B-5

40'
17'
19'
40'
8' 6'

EXIST ROW

COMBINATION CONCRETE
CURB AND GUTTER
TYPE B-6.12 XX LF

BIKE PATH

N

MATCH LINE STA. 410+00
(SEE SHEET NO. XX)

MATCH LINE STA. 415+50
(SEE SHEET NO. XX)

SOIL PROFILE DRAWING
MIDLAND STANDARD ENGINEERING & TESTING, INC.
REED ROAD IMPROVEMENTS
HUNTLEY, ILLINOIS
MSET PROJECT NO. 88298
JANUARY 2009

LEGEND
BORING NUMBER — CORE NUMBER

N = Standard Penetration Resistance, blows per foot
Mc = Moisture Content
Qu = Unconfined Compressive Strength, tons per square foot (lab)
Qp = Unconfined Compressive Strength, tons per square foot (field)
* = Sample tested for Classification
▼ = Water Level During Drilling

REED ROAD

900
895
890
885
880
875

MATCH LINE STA. 410+00 (SEE SHEET NO. XX)

EXISTING CENTERLINE ELEVATION
PROPOSED PGL ELEVATION

886.45 886.57
886.78 887.07
886.93 887.57
887.08 888.07
887.12 888.57
887.41 889.07
887.65 889.57
887.95 890.07
888.17 890.47
888.31 890.68
888.18 890.68

410+00 410+50 411+00 411+50 412+00 412+50 413+00 413+50 414+00 414+50 415+00 415+50

B-4
Sta. 410+50
18' R of CL

N	Mc	Qu
11	> 17	2.13 tsf
18	> 15	3.5 tsf (Qp)
16	> 15	5.12 tsf
21	> 15	5.74 tsf

Dark Brown CLAY, A-7-6(24)*

Brown, Yellow-Brown, and Grey Silty Clay LOAM, A-6

Black Clay LOAM, A-7-6

B-5
Sta. 413+50
18' R of CL

N	Mc	Qu
11	> 23	-
12	> 16	2.67 tsf
12	> 16	3.57 tsf
21	> 16	3.5 tsf (Qp)

Orange-Brown Sandy LOAM, A-4

Dark Brown Clay LOAM, A-6: FILL

+1.00% −1.00%

VPI STA. 415+26.00
ELEVATION 891.33

Yellow-Brown and Grey Silt LOAM, A-4

250.00' V.C.

MATCH LINE STA. 415+50 (SEE SHEET NO. XX)

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED — EAD	REVISED —
		DRAWN — EDS	REVISED —
	PLOT SCALE = $SCALE$	CHECKED — DNM	REVISED —
	PLOT DATE = $DATE$	DATE — 5/1/09	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REED ROAD — PLAN & PROFILE

SCALE 1"=20' | SHEET NO. 3 OF ___ SHEETS | STA. 410+00 | TO STA. 415+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
____	08-00032-00-RS	MCHENRY	49	29

CONTRACT NO. 63193

FED. ROAD DIST. NO. _ | ILLINOIS | FED. AID PROJECT