CONTRACT NO. 97353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9124	05-00085-01-FP 05-00085-02-FP	MADISON	61	25
STA. 36+00	TO STA. 41+63			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

PLAN — SURVEYED / PLOTTED / DRAWN / CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / DRAWN / CHECKED / R.M. NOTED / STRUCTURE NO. / RATING CHKD / NOTE BOOK / NO. / BY / DATE

MATCH LINE STA. 36+00

5 LF SS CL A, T2
12" @ 4.00% SLOPE
3 CY TRENCH BACKFILL

STA 36+65, 37' LT
INLET TA, T8G
RIM ELEV. 483.50
W INV. 480.00

8 LF SS CL A, T1
12" @ 3.75% SLOPE

E INV. 479.70

W INV. 478.89

-0.50%

-0.30%

W INV. 478.38

160°00'00"

END BOX CULVERT END SECTION, CULVERT NO. 1
STA. 38+00.00, 31.79' LT
℄ ELEV. 476.30

STA 38+60, 28' LT
12" RCP FES
INV. 477.88

8 LF SS CL A, T2
12" @ 3.00% SLOPE
1 CY TRENCH BACKFILL

STA 39+20, 28' LT
12" RCP FES
INV. 477.20

8 LF SS CL A, T2
12" @ 1.50% SLOPE
1 CY TRENCH BACKFILL

STA 41+25, 30' LT
18" RCP FES
E INV. 473.45
GND ELEV. 474.00

10 LF SS CL A, T2
18" @ 3.00% SLOPE
1 CY TRENCH BACKFILL

28 LF SS CL A, T2
18" @ 3.00% SLOPE
5 CY TRENCH BACKFILL

5 LF SS CL A, T2
12" @ 2.20% SLOPE
2 CY TRENCH BACKFILL

STA. 37+79.06, 24.25' LT
℄ ELEV. 476.36

29 LF SS CL A, T1
12" @ 3.00% SLOPE
5 CY TRENCH BACKFILL

36 | 37 | 38 | 39 | 40+00 PROPOSED ℄ SPRING STREET | 41

28 LF SS CL A, T1
12" @ 3.00% SLOPE
4 CY TRENCH BACKFILL

8 LF SS CL A, T1
12" @ 4.00% SLOPE
1 CY TRENCH BACKFILL

10 LF SS CL A, T1
12" @ 3.00% SLOPE
1 CY TRENCH BACKFILL

TBM "F"

29 LF SS CL A, T1
12" @ 3.00% SLOPE
6 CY TRENCH BACKFILL

28 LF SS CL A, T1
12" @ 3.00% SLOPE
5 CY TRENCH BACKFILL

8 LF SS CL A, T1
12" @ 5.50% SLOPE
1 CY TRENCH BACKFILL

STA 39+20, 23' RT
INLET TA, T8G
RIM ELEV. 482.00
E INV. 479.00

STA 39+30, 14.5' RT
INLET TA, T3 F&G
EOP ELEV. 482.08
N INV. 479.08

STA 41+25, 14' RT
INLET TB, T24 F&G
EOP ELEV. 480.01
E INV. 476.51
W INV. 476.57

STA 36+10, 14.5' RT
INLET TA, T3 F&G
EOP ELEV. 483.56
S INV. 480.56

STA 36+20, 14.5' RT
INLET TB, T3 F&G
EOP ELEV. 483.56
E INV. 480.06
N INV. 480.16

STA 37+75, 14' RT
INLET TA, T24 F&G
EOP ELEV. 482.96
E INV. 479.46
W INV. 479.56

STA 37+75, 22.50' RT
INLET TA, T8G
RIM ELEV. 482.50
E INV. 480.00

STA 38+60, 14' RT
INLET TA, T24 F&G
EOP ELEV. 482.30
E INV. 479.30

STA 39+20, 14.5' RT
INLET TB, T3 F&G
EOP ELEV. 482.08
S INV. 478.78
E INV. 478.58
W INV. 478.68

56 LF SS CLA T1
18" @ 0.50% SLOPE
7 CY TRENCH BACKFILL

STA 41+48.15, 66.22' RT
INLET TA, T24 F&G
EOP ELEV. 479.35
N INV. 476.85

10 LF SS CL A, T1
12" @ 4.00% SLOPE
1 CY TRENCH BACKFILL

20' 0 20' 40'
SCALE: 1" = 20'

TBM "F" RR SPIKE IN POWER POLE WEST SIDE OF SPRING STREET IN PARKING LOT OF BROWN BROS. SIDING COMPANY
STA. 40+04.53, 11.14' RT
ELEV = 484.81

495 490 485 480 475 470 465 460 455

10 LF SS CL A, T1
12" @ 4.00 % SLOPE
2 CY TRENCH BACKFILL

6 CY TRENCH BACKFILL

STA 36+30, 14.5' LT
INLET TA, T3 F&G
EOP ELEV 483.56
N INV. 479.86

13 CY TRENCH BACKFILL

11 CY TRENCH BACKFILL

STA 37+75, 14' LT
INLET TB, T24 F&G
EOP ELEV 482.96
W INV. 478.59
E INV. 478.49

STA 38+60, 14' LT
INLET TB, T24 F&G
EOP ELEV 482.30
W INV. 478.43
E INV. 478.30

STA 39+20, 14.5' LT
INLET TB, T3 F&G
EOP ELEV 482.08
W INV. 477.71
E INV. 477.40
S INV. 478.78

STA 39+30, 14.5' LT
INLET TA, T3 F&G
EOP ELEV 482.08
N INV. 479.08

STA 41+25, 14' LT
INLET TB, T24 F&G
EOP ELEV 480.01
W INV. 475.64
E INV. 474.04

EXISTING GROUND LINE

PROPOSED PROFILE GRADE

SPECIAL DITCH RT. @ 1.20%

BGN STA 37+32, 21.30' RT
℄ ELEV. 483.11

0.50% 0.30% PROPOSED PCBC 9X5 @ 0.30% SLOPE

END STA 37+75, 22.50' RT
℄ ELEV. 482.60

SPECIAL DITCH LT. @ 0.30%

STA 36+20, 14.5' LT
INLET TB, T24 F&G
EOP ELEV 483.56
W INV. 479.19
E INV. 479.09
S INV. 479.46

STA 36+50, 24.25' LT
℄ ELEV. 476.75

BGN STA 38+00, 36.25' LT
℄ ELEV. 476.30

10 LF SS CL A, T1
12" @ 3.00% SLOPE
1 CY TRENCH BACKFILL

END STA 40+20, 36.10' LT
℄ ELEV. 475.31

479.31

NOTE: ELEVATIONS SHOWN HERE INDICATE THE FLOW LINE ELEVATION FOR THE BOX CULVERT

477.00 476.75 476.60 476.45 476.30

36+00 36+50 37+00 37+50 38+00 38+50 39+00 39+50 40+00 40+50 41+00 41+50

PLOT DATE = 3/4/2009
FILE NAME = H:\P\25807\Microstation V8\Combined\587boxculvplans.dgn
PLOT SCALE = 20.0000 ' / IN.
USER NAME = travis

DRAINAGE PLAN AND PROFILE STA 36+00 TO STA 41+53.30