UTILITY PROTECTION PAD
(SEE UTILITY PROTECTION PAD DETAIL)

① EX MH
RIM ELEV = 556.77
SW INV = 553.22
NE INV = 553.17

℄ IL. RTE. 47 STA 6098+47.71 =
℄ NELSON RD. STA 209+00.00

NELSON RD.

STA. 6087+00 — MATCH LINE

STA. 6102+00 — MATCH LINE

PI Sta 6087+92.09

℄ +28.7

STA 6088+89.38
16.00' LT

PR B-6.12
CURB AND GUTTER

PR TOPSOIL PLACEMENT,
4" (EARTH MEDIAN)

PR B-6.24
CURB AND GUTTER

LIMITS OF CONSTRUCTION

EX & PR ℄

PR PCC SHLD

PR ROW LINE

EX ROW LINE

SOUTHBOUND IL. RTE. 47

NORTHBOUND IL. RTE. 47

AGG SHLD

BIT SHLD

TPED

TEL

6090+00

6095+00

6100+00

180°23'1.16"

STA 6092+15.12
16.00' RT

STA 6095+15.12
4.00' RT

STA 6097+93.30
52.00' LT

STA 6098+08.60
9.66' LT

STA 6098+02.60
9.26' LT

PR CONCRETE MEDIAN
SURFACE, 4"

STA 6097+78.60
40.00' LT

STA 6097+78.43
16.00' LT

STA 6097+78.43
4.00' RT

R=75'

STA 6098+02.59
1.67' LT

PR CONCRETE MEDIAN,
TYPE SB (SPECIAL)

STA 6098+08.60
2.33' LT

STA 6098+23.93 - 12° RT AHD
(PROP. SN 032-2537)
PROPOSED 8'x4'x139' RCBC
USFL 554.39 STA 6098+08.79, 70.6' LT
DSFL 554.25 STA 6098+38.39, 65.2' RT

R=46'

R=350'

16"-90°-54'24.31"

15" CMP
6" PVC

72"x50" BOX

R=4'

RELOCATED PIPELINE (BY OTHERS)

STA 6098+98.78
2.34' RT

STA 6099+19.16
51.99' LT

STA 6099+04.79
1.68' RT

PR CONCRETE MEDIAN
SURFACE, 4"

STA 6099+33.92
39.99' LT

STA 6099+28.96
4.00' LT

STA 6099+28.96
16.00' RT

STA 6099+04.79
9.27' RT

PR CONCRETE MEDIAN,
TYPE SB (SPECIAL)

STA 6098+98.78
9.67' RT

LIMITS OF CONSTRUCTION

PR TOPSOIL PLACEMENT,
4" (EARTH MEDIAN)

PR B-6.12
CURB AND GUTTER

PR B-6.24
CURB AND GUTTER

PR PCC SHLD

STA 6101+80.22
4.00' LT

PR B-6.24
CURB AND GUTTER

PR PCC SHLD

LIMITS OF CONSTRUCTION

TEMPORARY DRAINAGE
EASEMENT SEE CHANNEL DETAIL

TEST HOLE LOCATIONS:

① STA 6098+77.1, 56.7' LT, ONEOK PIPELINE
② STA 6098+05.5, 122.2' LT, ONEOK PIPELINE
③ STA 6098+04.6, 161.1' LT, ENTERPRISE PIPELINE
④ STA 6098+94.6, 87.9' LT, ENTERPRISE PIPELINE
⑤ STA 6099+26.3, 72.8' RT, ENTERPRISE PIPELINE
⑥ STA 6098+93.9, 73.3' RT, ONEOK PIPELINE
⑦ STA 6100+35.5, 69.3' RT, ALLIANCE PIPELINE
⑧ STA 6100+68.1, 64.9' LT, ALLIANCE PIPELINE

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

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, BM. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

BM #729:
RAILROAD SPIKE
IN POWER POLE
48.4' RT. STA 6087+51.2
ELEV 560.06

575 / 570 / 565 / 560 / 555 / 550 / 545 / 540

140.00' V.C.
+30.00 EL. 559.62
VPI STA. 6088+00.00
ELEVATION 559.83
+70.00 EL. 560.31
+0.31%
+0.69%
DT LT +0.50%
DT LT +0.07%
+00 DT LT
EL 556.55
+28.70 DT LT
EL 556.50

165.00' V.C.
+17.50 EL. 562.71
VPI STA. 6093+00.00
ELEVATION 563.28
+82.50 EL. 563.02
+0.69%
-0.31%
DT LT +0.20%

PROPOSED PROFILE GRADE LINE

EXISTING PROFILE GRADE LINE

DT LT -0.41%
+00 DT LT
EL 554.95
+00 DT LT
EL 554.54

140.00' V.C.
+30.00 EL. 561.63
VPI STA. 6099+00.00
ELEVATION 561.41
+70.00 EL. 561.79
-0.31%
+0.55%
DT LT
0.50%
DT LT +0.50%
+20 DT LT
EL 556.00
+00 DT LT
EL 556.50

+00
UNDERCUT AREA
DT LT +0.60%
+00 DT LT
EL 556.40
DT LT +1.00%
+00 DT LT
EL 557.00

	6087+00	6088+00	6089+00	6090+00	6091+00	6092+00	6093+00	6094+00	6095+00	6096+00	6097+00	6098+00	6099+00	6100+00	6101+00	6102+00
LT. DT.	555.86	556.11	556.36	556.52	556.55	556.45	556.35	556.25	556.15	556.05	555.95	555.85	555.75	555.65	555.55	555.45
RT. DT.																
EX. PROF.	559.23	559.41	559.59	559.74	559.88	559.88	559.88	559.87	559.85	559.77	559.69	559.63	559.56	559.48	559.40	559.34
PR. PROF.	559.53	559.68	559.90	560.18	560.52	560.87	561.21	561.56	561.90	562.25	562.59	562.90	563.07	563.09	562.97	562.81

	6098+00	6099+00	6100+00	6101+00	6102+00
LT. DT.	555.35	555.25	555.15	555.05	554.95
RT. DT.					
EX. PROF.	559.28	559.29	559.30	559.30	559.20
PR. PROF.	562.66	562.50	562.35	562.19	562.03

	6098+00	6099+00	6100+00	6101+00	6102+00
LT. DT.	554.74	554.54	556.50	556.15	556.40
RT. DT.					
EX. PROF.	559.09	559.06	559.00	559.12	559.24
PR. PROF.	561.72	561.58	561.56	561.70	561.96

	6102+00	6103+00	6104+00	6105+00	6106+00	6107+00	6108+00
LT. DT.	556.70	557.00	557.50	558.00			
RT. DT.							
EX. PROF.	559.50	559.76	560.15	560.54			
PR. PROF.	562.23	562.51	562.78	563.05			

FILE NAME = V:\3195\66B83 (South Section)\CADD Sheets\0366B83-sht-plnprf-10.dgn	USER NAME = bdecraene	DESIGNED - HLC	REVISED -
SHT_PLNPROF	PLOT SCALE = 100.0000 ' / in.	DRAWN - HLC	REVISED -
	PLOT DATE = 8/6/2013	CHECKED - CAS	REVISED -
		DATE - 7/15/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. RTE. 47
PLAN & PROFILE

SCALE: H=50 V=5 | SHEET 10 OF 34 SHEETS | STA. 6087+00 TO STA. 6102+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)R, BR & BR-1	GRUNDY	644	121
		CONTRACT NO. 66B83		
	ILLINOIS FED. AID PROJECT			