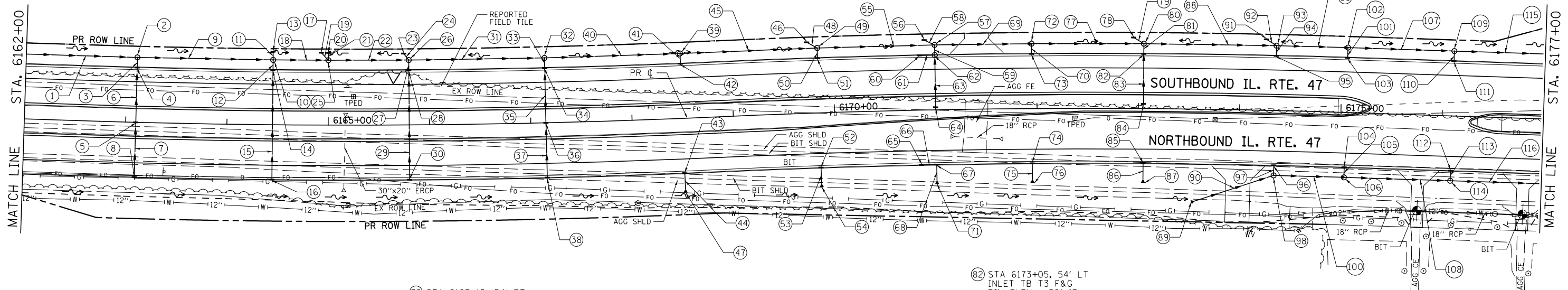


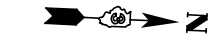
DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	FILE NAME
	NO.

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE
	NOTATIONS CHECKED
	NO.

- ① STORM SEWER T1
30"x131' @ 0.20%
- ② STA 6163+10, 64' LT
MH TA 6' DIA T1 F&CL
RIM ELEV = 582.07
E INV = 578.28
S INV = 576.44
N INV = 575.94
- ③ STORM SEWER T2
12"x7' @ 0.50%
- ④ STA 6163+10, 54' LT
INLET TB T3 F&G
RIM ELEV = 583.32
E INV = 578.53
S INV = 578.33
W INV = 578.33
UNDERDRAIN SE
- ⑤ STA 6163+10, ①
INLET TB T8 G
RIM ELEV = 584.51
E INV = 579.00
W INV = 578.80
UNDERDRAIN SE/SW
- ⑥ STORM SEWER T2
12"x51' @ 0.50%
- ⑦ STORM SEWER T2
12"x52' @ 0.50%
- ⑧ STA 6163+10, 54' RT
INLET TA T3 F&G
RIM ELEV = 583.32
INV = 579.27
UNDERDRAIN SW
- ⑬ STA 6164+45, 72.1' LT
INLET TA
MEDIAN INLET (STD 604101)
RIM ELEV = 579.96
INV = 575.74
- ⑭ STA 6164+45, 54' LT
INLET TB T3 F&G
RIM ELEV = 582.90
E INV = 577.73
S INV = 578.23
W INV = 578.03
- ⑮ STORM SEWER T2
12"x105' @ 0.50%
- ⑯ STA 6164+45, 54' RT
INLET TA T3 F&G
RIM ELEV = 582.90
INV = 578.77
UNDERDRAIN SW
- ⑰ STA 6164+93, 71.4' LT
INLET TA
MEDIAN INLET (STD 604101)
RIM ELEV = 579.90
INV = 575.56
- ⑱ STORM SEWER T1
36"x49' @ 0.15%
- ⑲ STORM SEWER T2
15"x5' @ 1.00%
- ⑳ STA 6165+00, 71.3' LT
INLET TA
MEDIAN INLET (STD 604101)
RIM ELEV = 579.90
INV = 575.53
- ㉑ STORM SEWER T2
15"x3' @ 1.00%
- ㉒ STORM SEWER T1
42"x74' @ 0.15%
- ㉓ STA 6165+75, 70.6' LT
INLET TA
MEDIAN INLET (STD 604101)
RIM ELEV = 580.12
INV = 576.05
- ㉔ STORM SEWER T2
15"x5' @ 1.00%
- ㉕ STA 6165+00, 64' LT
MH TA 7' DIA T1 F&CL
RIM ELEV = 581.48
S INV = 575.46
W INV = 575.46
N INV = 574.96
- ㉖ STA 6165+80, 64' LT
MH TA 7' DIA T1 F&CL
RIM ELEV = 581.23
E INV = 577.48
S INV = 574.85
W INV = 575.97
N INV = 574.65
- ㉗ STORM SEWER T2
12"x6' @ 0.50%
- ㉘ STA 6165+80, 54' LT
INLET TB T3 F&G
RIM ELEV = 582.48
E INV = 577.73
S INV = 577.53
W INV = 577.53
UNDERDRAIN SE
- ㉙ STORM SEWER T2
12"x105' @ 0.50%
- ㉚ STA 6165+80, 54' RT
INLET TA T3 F&G
RIM ELEV = 582.48
INV = 578.27
UNDERDRAIN SW
- ㉛ STORM SEWER T1
42"x135' @ 0.12%
- ㉜ STA 6167+15, 64' LT
MH TA 7' DIA T1 F&CL
RIM ELEV = 580.80
E INV = 577.02
S INV = 574.48
N INV = 574.28
- ㉝ STORM SEWER T2
12"x7' @ 0.50%
- ㉞ STA 6167+15, 54' LT
INLET TB T3 F&G
RIM ELEV = 582.05
E INV = 577.27
W INV = 577.07
UNDERDRAIN SE
- ㉟ STORM SEWER T2
12"x51' @ 0.50%
- ㊱ STA 6167+15, ①
INLET TB T8 G
RIM ELEV = 583.24
E INV = 577.74
W INV = 577.54
UNDERDRAIN SE/SW
- ㊲ STORM SEWER T2
12"x52' @ 0.50%
- ㊳ STA 6167+15, 54' RT
INLET TA T3 F&G
RIM ELEV = 582.05
INV = 578.01
UNDERDRAIN SW
- ㊴ STORM SEWER T2
12"x16' @ 0.50%
- ㊵ STA 6168+50, 64' LT
MH TA 7' DIA T1 F&CL
RIM ELEV = 580.38
E INV = 576.99
S INV = 574.10
N INV = 573.60
- ㊶ STORM SEWER T1
42"x130' @ 0.13%
- ㊷ STORM SEWER T2
12"x7' @ 0.50%
- ㊸ STA 6168+50, 54' LT
INLET TA T3 F&G
RIM ELEV = 581.63
INV = 577.58
UNDERDRAIN SE
- ㊹ STA 6168+50, 54' RT
INLET TA T3 F&G
RIM ELEV = 581.63
INV = 577.58
UNDERDRAIN SW
- ㊺ STORM SEWER T2
12"x16' @ 0.50%
- ㊻ STORM SEWER T1
48"x130' @ 0.10%
- ㊼ STA 6169+75, 70' LT
INLET TA T8 G
RIM ELEV = 580.18
INV = 576.01
- ㊽ STORM SEWER T2
12"x12' @ 1.00%
- ㊾ STA 6169+85, 64' LT
MH TA 8' DIA T1 F&CL
RIM ELEV = 579.96
E INV = 576.75
S INV = 573.47
W INV = 575.89
N INV = 573.47
- ㊿ STORM SEWER T2
12"x6' @ 0.50%
- ①① STA 6169+85, 54' LT
INLET TA T3 F&G
RIM ELEV = 581.21
INV = 577.04
UNDERDRAIN SE
- ①② STA 6169+85, 54' RT
INLET TA T3 F&G
RIM ELEV = 581.21
INV = 577.16
UNDERDRAIN SW
- ①③ STORM SEWER T2
12"x13' @ 0.50%
- ①④ STA 6170+85, 54' RT
MH TA 4' DIA T3 F&G
RIM ELEV = 580.93
N INV = 576.89
E INV = 577.23 (TUD)
UNDERDRAIN SE
- ①⑤ STORM SEWER T2
12"x13' @ 0.50%
- ①⑥ STA 6171+00, 54' LT
MH TA 4' DIA T3 F&G
RIM ELEV = 580.93
S INV = 576.82
E INV = 576.88
W INV = 576.27
UNDERDRAIN NE
- ①⑦ STORM SEWER T2
12"x13' @ 0.50%
- ①⑧ STA 6171+00, 2.6' LT
INLET TA T8 G
RIM ELEV = 582.12
INV = 577.14
UNDERDRAIN NE/NW/SE/SW
- ①⑨ STA 6170+85, 54' RT
INLET TA T3 F&G
RIM ELEV = 580.93
N INV = 576.89
W INV = 577.23 (TUD)
UNDERDRAIN SW
- ①⑩ STORM SEWER T2
12"x13' @ 0.50%
- ①⑪ STA 6171+95, 54' RT
INLET TA T3 F&G
RIM ELEV = 581.14
INV = 577.09
UNDERDRAIN NW
- ①⑫ STORM SEWER T2
12"x15' @ 0.50%
- ①⑬ STA 6171+95, 70.4' RT
PRC FLARED END SECTION 12"
INV = 576.94
- ①⑭ STORM SEWER T1
48"x105' @ 0.10%
- ①⑮ STA 6172+95, 70' LT
INLET TA T8 G
RIM ELEV = 579.62
INV = 575.45
- ①⑯ STORM SEWER T2
12"x7' @ 1.00%
- ①⑰ STA 6173+05, 64' LT
MH TA 8' DIA T1 F&CL
RIM ELEV = 580.22
S INV = 573.15
E INV = 576.47
W INV = 575.33
N INV = 573.15
- ①⑱ STORM SEWER T2
12"x6' @ 0.50%
- ①⑲ STORM SEWER T2
30"x79' @ 0.40%
- ①⑳ STA 6174+25, 70' LT
INLET TA T8 G
RIM ELEV = 579.83
INV = 575.67
- ㉑ STORM SEWER T2
12"x7' @ 1.00%
- ㉒ STA 6174+35, 64' LT
MH TA 8' DIA T1 F&CL
RIM ELEV = 580.61
S INV = 573.02
E INV = 576.86
W INV = 575.57
N INV = 573.02
- ㉓ STORM SEWER T2
12"x6' @ 0.50%
- ㉔ STA 6174+35, 54' LT
INLET TB T3 F&G
RIM ELEV = 581.86
INV = 576.91
UNDERDRAIN NE
- ㉕ STA 6174+35, 54' RT
INLET TA T3 F&G
RIM ELEV = 581.86
INV = 577.53
UNDERDRAIN NW
- ㉖ STORM SEWER T2
12"x8' @ 0.50%
- ㉗ STA 6175+05, 54' RT
INLET TA T3 F&G
RIM ELEV = 582.07
INV = 577.74
UNDERDRAIN NW
- ㉘ STORM SEWER T2
12"x8' @ 0.50%
- ㉙ STA 6175+05, 64' RT
MH TA 5' DIA T1 F&CL
RIM ELEV = 580.82
W INV = 577.69
S INV = 573.62
N INV = 573.62
- ㉚ STORM SEWER T2
48"x100' @ 0.10%
- ㉛ STORM SEWER T2
30"x102' @ 0.40%
- ㉜ STA 6176+10, 64' LT
MH TA 7' DIA T1 F&CL
RIM ELEV = 581.13
E INV = 577.46
S INV = 572.84
N INV = 572.84
- ㉝ STORM SEWER T2
12"x7' @ 0.50%
- ㉞ STA 6176+10, 54' LT
INLET TA T3 F&G
RIM ELEV = 582.38
INV = 577.51
UNDERDRAIN NE



- ②④ STORM SEWER T2 T2
15"x5' @ 1.00%
- ②⑤ STA 6165+00, 64' LT
MH TA 7' DIA T1 F&CL
RIM ELEV = 581.48
S INV = 575.46
W INV = 575.46
N INV = 574.96
- ②⑥ STA 6165+80, 64' LT
MH TA 7' DIA T1 F&CL
RIM ELEV = 581.23
E INV = 577.48
S INV = 574.85
W INV = 575.97
N INV = 574.65
- ②⑦ STORM SEWER T2
12"x6' @ 0.50%
- ②⑧ STA 6165+80, 54' LT
INLET TB T3 F&G
RIM ELEV = 582.48
E INV = 577.73
S INV = 577.53
W INV = 577.53
UNDERDRAIN SE
- ②⑨ STORM SEWER T2
12"x105' @ 0.50%
- ③⑧ STA 6167+15, 54' RT
INLET TA T3 F&G
RIM ELEV = 582.05
INV = 578.01
UNDERDRAIN SW
- ③⑨ STA 6168+50, 64' LT
MH TA 7' DIA T1 F&CL
RIM ELEV = 580.38
E INV = 576.99
S INV = 574.10
N INV = 573.60
- ④① STORM SEWER T1
42"x130' @ 0.13%
- ④② STA 6168+50, 54' LT
INLET TA T3 F&G
RIM ELEV = 581.63
INV = 577.58
UNDERDRAIN SE
- ④③ STA 6168+50, 54' RT
INLET TA T3 F&G
RIM ELEV = 581.63
INV = 577.58
UNDERDRAIN SW
- ④④ STORM SEWER T2
12"x16' @ 0.50%
- ⑤③ STORM SEWER T2
12"x16' @ 0.50%
- ⑤④ STA 6169+85, 69.5' RT
PRC FLARED END SECTION 12"
INV = 577.08
- ⑤⑤ STORM SEWER T1
48"x109' @ 0.10%
- ⑤⑥ STA 6170+90, 69' LT
INLET TA T8 G
RIM ELEV = 579.97
INV = 575.80
- ⑤⑦ STA 6171+00, 64' LT
MH TA 8' DIA T1 F&CL
RIM ELEV = 579.97
E INV = 576.22
S INV = 573.35
W INV = 575.69
N INV = 573.35
- ⑤⑧ STORM SEWER T2
12"x7' @ 1.00%
- ⑤⑨ STORM SEWER T2
12"x5' @ 0.50%
- ⑥⑦ STA 6171+00, 54' RT
INLET TB T3 F&G
RIM ELEV = 580.93
S INV = 576.82
E INV = 576.62
UNDERDRAIN NW
- ⑥⑧ STORM SEWER T2
12"x15' @ 0.50%
- ⑥⑨ STORM SEWER T1
48"x90' @ 0.10%
- ⑦① STORM SEWER T2
12"x7' @ 0.50%
- ⑦② STA 6171+00, 70.4' RT
PRC FLARED END SECTION 12"
INV = 576.53
- ⑦③ STA 6171+95, 54' LT
MH TA 7' DIA T1 F&CL
RIM ELEV = 579.89
E INV = 576.22
S INV = 573.26
N INV = 573.26
- ⑦④ STA 6171+95, 54' RT
INLET TA T3 F&G
RIM ELEV = 581.14
INV = 576.27
UNDERDRAIN NE
- ⑧② STA 6173+05, 54' LT
INLET TB T3 F&G
RIM ELEV = 581.47
E INV = 576.72
W INV = 576.52
UNDERDRAIN NE
- ⑧③ STORM SEWER T2
12"x47' @ 0.50%
- ⑧④ STA 6173+05, 4.7' LT
INLET TA T8 G
RIM ELEV = 582.66
INV = 576.96
UNDERDRAIN NE/NW
- ⑧⑤ STA 6173+05, 54' RT
INLET TA T3 F&G
RIM ELEV = 581.47
INV = 577.42
UNDERDRAIN NW
- ⑧⑥ STORM SEWER T2
12"x16' @ 0.50%
- ⑧⑦ STA 6173+05, 69.5' RT
PRC FLARED END SECTION 12"
INV = 577.34
- ⑧⑧ STORM SEWER T2
48"x124' @ 0.10%
- ⑧⑨ STA 6173+55, 91' RT
PRC FLARED END SECTION 30"
INV = 574.24
- ⑨⑧ STA 6174+35, 64' RT
MH TA 5' DIA T1 F&CL
RIM ELEV = 580.61
W INV = 577.48
S INV = 573.90
N INV = 573.90
- ⑨⑨ STORM SEWER T2
48"x65' @ 0.10%
- ⑩① STORM SEWER T2
30"x68' @ 0.40%
- ⑩② STA 6175+05, 64' LT
MH TA 7' DIA T1 F&CL
RIM ELEV = 580.82
E INV = 577.15
S INV = 572.95
N INV = 572.95
- ⑩③ STA 6175+05, 54' RT
INLET TA T3 F&G
RIM ELEV = 582.07
INV = 577.20
UNDERDRAIN NE
- ⑩④ STA 6176+10, 54' RT
INLET TA T3 F&G
RIM ELEV = 582.38
INV = 578.05
UNDERDRAIN NW
- ⑩⑤ STORM SEWER T2
12"x8' @ 0.50%
- ⑩⑥ STA 6176+10, 64' RT
MH TA 5' DIA T1 F&CL
RIM ELEV = 581.13
W INV = 578.00
S INV = 573.20
N INV = 573.20
- ⑩⑦ STORM SEWER T2
48"x95' @ 0.10%
- ⑩⑧ STORM SEWER T2
30"x97' @ 0.40%



NOTE:
INVERT ELEVATION FOR LONGITUDINAL
PIPE UNDERDRAINS SHALL BE 3.6' BELOW
RIM ELEVATION OF INLET STRUCTURE.

*TUD = TRANSVERSE UNDERDRAIN

FILE NAME =	USER NAME = bdecaene	DESIGNED - LRS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		IL. RTE. 47		F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\3195\66883 (South Section)\CADD Sheets\3366883-sh-t-drain-15.dgn	DRAWN - SRH/RMD	CHECKED - DJD	REVISED -			326	(110)R, BR & BR-1	GRUNDY	644	213		
SHT_PLNPROF	PLOT SCALE = 100.0000' / in.	DATE - 7/15/2013	REVISED -	SCALE: H=50 V=5		SHEET 15 OF 35 SHEETS		CONTRACT NO. 66883		ILLINOIS FED. AID PROJECT		