CONTRACT NO.: 68267

DESIGNED	AMPH/RB
CHECKED	RB
DRAWN	AMPH
CHECKED	RB

RANDOLPH & ASSOCIATES, INC.
911 W. FARMER PARKWAY, PEORIA, IL 61615-2121
TEL 309-693-4844 • FAX 309-693-4845 • 1-800-631-9221
HTTP://WWW.RANDOLPHINC.COM
CONSULTING ENGINEERS • LAND SURVEYORS

FILE NUMBER 136.115
DATE February 2004

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6584	105R-1	PEORIA	115	39
STA. 181+00.00		TO STA. 187+00.00		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

PLAN
STRIPPED
PLOTTED
ALL OF WAY CHECKED
1:400 FILE NAME
NOTE BOOK
NO.
BY
DATE

MATCH LINE STATION 181+00.00

MATCH LINE STATION 187+00.00

N

CONNECT EXISTING 10" CMP TO INLET
STORM SEWER REMOVAL 10" - 20.0 L.F.
INV ELEV. = 798.20

10" CMP

38YDB
8512

EXIST R.O.W.

600PR

CHOICEPOINT DIRECT INC.

CITY OF PEORIA

KLAUS RADIO & ELECTRIC CO.

℄ STA. 184+69.34 UNION PACIFIC RAILROAD SWITCHING
(OWNED BY CITY OF PEORIA)

600PR

TRAFFIC SIGNAL INTERCONNECT

6HC-12
8500

6" WRP STEEL I.P.

℄ FAU 6584 (ALLEN ROAD)

PROP. PIPE CULV. TY 2 RCCP 36"
18.10' @ 0.55%

EXIST R.O.W.

4.91'

CL D PAV'T PATCH 16" THICK

PROP. PRC END SECTION 36"

OUTLET ELEV. = 791.56

25'

PROPOSED STONE DUMPED RIPRAP CLASS A4 WITH FILTER FABRIC

CITY OF PEORIA

10'

SCALE: 1" = 20'

PARKING LOT

HERBERT E. STOLLER NUMBER 11 LAND TRUST

181 | 182 | 183 | 184 | 185+00 | 186

STRUCTURE #8
31.00' LT. ℄ STA. 182+70.00
INLET, TYPE G-1, SPECIAL
RIM ELEV. = 799.19
INV ELEV. = 796.20, 15" (IN) S
INV ELEV. = 796.20, 12" (IN) E
INV ELEV. = 796.10, 15" (OUT) N

STRUCTURE #9 TO STRUCTURE #8
S.S. CL A., TY 1, 15" = 169.7' @ 0.47%
TRENCH BACKFILL = 28.34 CY

STRUCTURE #8A TO STRUCTURE #8
S.S. PVC SDR 26, 12" = 24.0' @ 0.50%
TRENCH BACKFILL = 7.68 CY

STRUCTURE #10 TO STRUCTURE #9
S.S. PVC SDR 26, 12" = 28.5' @ 0.50%
TRENCH BACKFILL = 3.76 CY

STRUCTURE #10
58.00' LT. ℄ STA. 184+54.00
INLET, TYPE A, TYPE 8 GRATE
RIM ELEV. = 799.00
INV ELEV. = 797.25, 12" (OUT) NW

STRUCTURE #8A
57.30' LT. ℄ STA. 182+70.00
INLET, TYPE S
TY. 1 FRAME, CLOSED LID
RIM ELEV. = 802.36
INV ELEV. = 798.20, 10" (IN) E
INV ELEV. = 796.32, 12" (OUT) W

STRUCTURE #9
31.00' LT. ℄ STA. 184+39.80
INLET, TYPE G-1, SPECIAL
RIM ELEV. = 800.60
INV ELEV. = 797.11, 12" (IN) SE
INV ELEV. = 797.00, 15" (OUT) N

STRUCTURE #13
66.00' LT. ℄ STA. 184+80.00
INLET, TYPE A, TYPE 8 GRATE
RIM ELEV. = 799.30
INV ELEV. = 793.56, 15" (OUT) SW

STRUCTURE #13 TO STRUCTURE #12
S.S. PVC SDR 26, 15" = 34.40' @ 0.38%
TRENCH BACKFILL = 30.34 CY

STRUCTURE #12
31.00' LT. ℄ STA. 184+91.00
INLET, TYPE G-1, SPECIAL
RIM ELEV. = 800.90
INV ELEV. = 793.43, 15" (IN) NE
INV ELEV. = 793.33, 18" (OUT) W

STRUCTURE #12 TO STRUCTURE #11
S.S. CL A., TY 2, 18" = 66.50' @ 0.50%
TRENCH BACKFILL = 59.98 CY

STRUCTURE #15 TO STRUCTURE #11
S.S. CL A., TY 2, 36" = 219.90' @ 0.40%
TRENCH BACKFILL = 298.84 CY

STRUCTURE #4
32.00' RT. ℄ STA. 180+98.84
INLET, TYPE G-1, SPECIAL
RIM ELEV. = 798.35
INV ELEV. = 794.68, 15" (IN) S
INV ELEV. = 794.48, 15" (OUT) W

STRUCTURE #3
40.10' RT. ℄ STA. 180+98.84
MANHOLE, TYPE A, 4' DIA.
TY. 1 FRAME, CLOSED LID
RIM ELEV. = 798.83
INV ELEV. = 794.45, 15" (IN) E
INV ELEV. = 794.25, 15" (OUT) N

STRUCTURE #5
31.00' RT. ℄ STA. 182+82.00
INLET, TYPE G-1, SPECIAL
RIM ELEV. = 799.25
INV ELEV. = 795.96, 15" (OUT) N

STRUCTURE #5 TO STRUCTURE #4
S.S. CL A., TY 1, 15" = 183.30' @ 0.70%
TRENCH BACKFILL = 34.83 CY

STRUCTURE #11
31.00' RT. ℄ STA. 184+91.00
INLET MANHOLE, TYPE G-1,
SPECIAL, DIA. 6'
RIM ELEV. = 800.43
INV ELEV. = 793.00, 18" (IN) E
INV ELEV. = 791.82, 36" (IN) S
INV ELEV. = 791.70, 36" (OUT) W

PLAN & PROFILE SHEET
SHOWING STORM SEWER REMOVAL &
PROPOSED STORM SEWER
ALLEN ROAD
F.A.U. 6584 (SBI 174) SECTION 105R-1
PEORIA COUNTY

PROFILE
STRIPPED
PLOTTED
ALL OF WAY CHECKED
B.M. NOTED
S. MACTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

815 | 810 | 805 | 800 | 795 | 790 | 785 | 780 | 775

EXISTING ℄ PROFILE

PROPOSED ℄ PROFILE

℄ STA. 184+69.34
UNION PACIFIC
RAILROAD

STRUCTURE #8 (EAST)
31.00' LT. ℄ STA. 182+70.00
INLET, TYPE G-1, SPECIAL
RIM ELEV. = 799.19

STRUCTURE #5 (WEST)
31.00' RT. ℄ STA. 182+82.00
INLET, TYPE G-1, SPECIAL
RIM ELEV. = 799.25

STRUCTURE #11 (WEST)
31.00' RT. ℄ STA. 184+91.00
INLET MANHOLE, TYPE G-1,
SPECIAL, DIA. 6'
RIM ELEV. = 800.43

S.S. CL A., TY 1, 15" @ 0.60%

S.S. CL A., TY 1, 15" @ 0.70%

INV ELEV. = 796.10 (N)
INV ELEV. = 796.20 (E)
INV ELEV. = 796.20 (S)

INV ELEV. = 795.96 (N)

S.S. CL A., TY 2, 15" @ 0.47%

INV ELEV. = 797.00 (N)
INV ELEV. = 797.11 (SE)

STRUCTURE #9 (EAST)
31.00' LT. ℄ STA. 184+39.80
INLET, TYPE G-1, SPECIAL
RIM ELEV. = 800.60

INV ELEV. = 793.00 (E)

S.S. CL A., TY 2, 36" @ 0.40%

INV ELEV. = 791.82 (S)
INV ELEV. = 791.70 (W)

181+00	181+50	182+00	182+50	183+00	183+50	184+00	184+50	185+00	185+50	186+00	186+50	187+00
798.61 / 798.84	798.87 / 799.10	799.12 / 799.35	799.36 / 799.59	799.58 / 799.81	799.83 / 800.05	800.14 / 800.37	800.53 / 800.58	800.72 / 800.80	800.93 / 801.16	801.16 / 801.39	801.36 / 801.59	801.62 / 801.85

STORM SEWER PLAN & PROFILE SHEET