LEGEND:

XXX STRUCTURE NUMBER
(XXX) PIPE NUMBER
PROPOSED DITCH
////// PIPE TO BE REMOVED
PROPOSED CATCH BASIN
PROPOSED INLET
PROPOSED MANHOLE
PROPOSED STORM SEWER
PROPOSED UNDERDRAINS
PROPOSED CONCRETE HEADWALL FOR PIPE DRAIN
EXISTING CATCH BASIN
EXISTING INLET
EXISTING MANHOLE
EXISTING STORM SEWER
A ADJUST FRAME AND LID
A ADJUST FRAME AND GRATE
R STRUCTURE TO BE REMOVED
AB ITEM TO BE ABANDONED
UTILITY TEST HOLE (S.U.E.)

MATCHLINE STA. 81+50

℄ EXISTING PRIVATE ENTRANCE STA. 84+24.58

PROP. TEMP. EASEMENT

℄ EXISTING FIELD ENTRANCE STA. 85+74.13

PROP. R.O.W.

LIMIT OF CONSTRUCTION

BM 262

EXIST. & PROP. ℄ US ROUTE 34

82+00 83+00 84+00 85+00 86+00 87+00

40+00 39+00

HMA CONC RIPRAP IRON

FL=645.25 RCP 21" FL=645.22 FL=645.83 CMP 15" FL=645.82 FL=646.34 CMP 18" FL=646.37

EXISTING R.O.W.

83+00.00 51.70' RT
83+49.94 54.69' RT
84+00.00 56.82' RT
84+50.00 57.76' RT
85+50.00 54.89' RT

PROPOSED PAVED DITCH

EX INLET RIM=646.77 S FL=642.69 (18" RCP)

℄ EXISTING COMMERCIAL ENTRANCE STA. 82+16.94

MATCHLINE STA. 87+50

N

0 20 40 60 HORIZ.
0 5 10 15 VERTICAL
SCALE IN FEET

EXIST. GROUND ALONG ℄ U.S. ROUTE 34

PROPOSED U.S. ROUTE 34 PGL

RT. DITCH LT. DITCH

SS - TY 2 160.0 LF 30" DIA. RCP @ 0.50%
SS - TY 2 83.1 LF 24" DIA. RCP @ 0.51%
SS - TY 2 122.0 LF 24" DIA. RCP @ 0.50%
SS - TY 2 80.0 LF 24" DIA. RCP @ 0.50%
SS - TY 2 58.5 LF 18" DIA. RCP @ 0.50%
SS - TY 2 133.0 LF 18" DIA. RCP @ 0.50%

INV. EL. = 640.88
INV. EL. = 639.70
INV. EL. = 641.30
INV. EL. = 641.91
INV. EL. = 642.81
INV. EL. = 642.31
INV. EL. = 643.10

+0.24% +1.00% +0.30%

	81+50	82+00	82+50	83+00	83+50	84+00	84+50	85+00	85+50	86+00	86+50	87+00	87+50
EXIST. GL EL.	646.16	646.16		647.10	647.22	647.34	647.46	647.58	647.70	647.55	647.70	647.85	648.00
PROP. PGL	648.51	648.31		648.73	648.57	648.91	648.83	649.08	649.08	649.24	649.34	649.40	649.60	649.58	649.86	649.75	650.11	649.84	650.37	649.98	650.63	650.13	650.89	650.31	651.14	650.48	651.40

RIGHT DITCH LEFT DITCH

655	655
650	650
645	645
640	640
635	635

PLAN: SURVEYED ___ PLOTTED ___ CHECKED ___ R.M. NOTED ___ NOTE BOOK ___ NO. ___
PROFILE: SURVEYED ___ PLOTTED ___ CHECKED ___ R.M. NOTED ___ NOTE BOOK ___ NO. ___
BY DATE

PB Americas, Inc.
230 WEST MONROE STREET, SUITE 900
CHICAGO, IL. 60606
(312)782-8150

FILE NAME = D366985-sht-14drain.dgn	DESIGNED - RJD	REVISED -
	DRAWN - RJD	REVISED -
PLOT SCALE =	CHECKED - PMK	REVISED -
PLOT DATE = 19-AUG-2011 08:21	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
US ROUTE 34

SCALE: AS SHOWN | DRNG - 14 OF 28 | STA. 81+50 TO STA. 87+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	177
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

$FILE$