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

U.S. ROUTE 30 - PROFILE

ROAD RECONSTRUCTION

60'
HMA TAPER AND BUTT JOINT

PAVEMENT WIDENING. VARIABLE DEPTH SURFACE MILL. 2.75" MIN. HMA OVERLAY

EXISTING SURFACE AT CENTER LINE (SURVEYED PRIOR TO FALL 2010 2-1/2" HMA OVERLAY FROM WEST OF U.S. ROUTE 30 PROJECT LIMIT TO STA. 1247+50±)

PROPOSED SURFACE ELEVATION AT PROPOSED PROFILE GRADE LINE

VPI STA. 1237+66.00
ELEVATION 658.85

VPI STA. 1239+20.00
ELEVATION 658.75

VPI STA. 1241+26.00
ELEVATION 657.83

VPI STA. 1244+26.00
ELEVATION 656.60

STA. 1247+50± LIMIT OF FALL 2010 OVERLAY

VPI STA. 1246+70.00
ELEVATION 655.58

VPI STA. 1248+76.00
ELEVATION 654.75

+00.00 EL. 655.80 ?
+02.20 EL. 653.13
+00.00 EL. 654.25
+50.00 EL. 652.65

PROPOSED RIGHT DITCH
PROPOSED LEFT DITCH
PROPOSED RIGHT DITCH I.E.

EXISTING SURFACE ELEVATION AT CENTER LINE (SURVEYED PRIOR TO FALL 2010 2-1/2" HMA OVERLAY FROM WEST OF U.S. ROUTE 30 PROJECT LIMIT TO STA. 1247+50)

PROPOSED SURFACE ELEVATION AT PROPOSED PROFILE GRADE LINE

P.C.C. SURFACE (PRE-FALL 2010 OVERLAY)

HMA SURFACE (PRE-FALL 2010 OVERLAY)

-0.06% -0.45% -0.45% -0.41% -0.41% -0.42% -0.42% -0.40% -0.40% -0.30% -0.44% -0.44% -0.45% +0.00% -0.30%

653.13 652.09

1234+00	1235+00	1236+00	1237+00	1238+00	1239+00	1240+00	1241+00	1242+00	1243+00	1244+00	1245+00	1246+00	1247+00	1248+00	1249+00
659.57	659.48	659.34	659.27	659.12	658.89	658.75 / 658.83	658.54 / 658.79	658.40 / 658.76	658.17 / 658.62	657.98 / 658.39	657.78 / 658.17	657.61 / 657.95	657.33 / 657.73	657.16 / 657.53	657.07 / 657.32	656.80 / 657.12	656.64 / 656.91	656.42 / 656.71	656.18 / 656.50	655.96 / 656.29	655.90 / 656.08	655.69 / 655.87	655.48 / 655.66	655.45 / 655.46	655.27 / 655.26	655.09 / 655.06	654.89 / 654.85	654.63 / 654.66
655.16	654.93	654.70	654.47	654.25	653.13	653.13	653.13	653.13	653.13	652.42	652.20	651.98	651.76	651.54	651.32	651.10	650.88	650.66										

HORIZ. 1" = 50'
50 0 50 100 150 200 250
SCALE IN FEET

VERT. 1" = 5'
5 0 5 10 15 20 25
SCALE IN FEET

PROFILE
SURVEYED
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STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

U.S. ROUTE 30 - PROFILE

PROPOSED SURFACE ALONG PROFILE GRADE LINE

ROAD RECONSTRUCTION

ex = 1.00'
K = 108
294.00' V.C.

+57.00 EL. 651.40
647.68
+51.00 EL. 654.30

EXISTING SURFACE ALONG ROADWAY CENTER LINE

-0.38% -0.44% -0.22% -0.92% +0.00% +0.50% -0.63% +0.41% -0.50% -0.63% -0.29% -0.38% +2.35%

+50.00 EL. 650.22
+55.24 EL. 647.66
+50.00 EL. 647.00
+00.00 EL. 646.54
+00.00 EL. 648.25
+50.00 EL. 648.50
+50.00 EL. 646.62
+50.00 EL. 644.00
+96.50 EL. 646.54
+50.00 EL. 645.60
+00.00 EL. 647.27
+00.00 EL. 647.68
+52.50 EL. 645.32
+00.00 646.43
VPI STA. 1259+04.00 ELEVATION 650.84

645.08

PROPOSED RIGHT DITCH
PROPOSED LEFT DITCH
PROPOSED RIGHT DITCH I.E.

EXISTING SURFACE ELEVATION AT CENTER LINE
PROPOSED SURFACE ELEVATION AT PROPOSED GRADE LINE

1249+00	1250+00	1251+00	1252+00	1253+00	1254+00	1255+00	1256+00	1257+00	1258+00	1259+00	1260+00	1261+00
650.44 / 654.63	650.22 / 654.66	647.56 / 654.40	647.45 / 654.47	647.34 / 654.23	647.22 / 654.28	644.00 / 654.06	644.20 / 654.09	644.40 / 653.83	644.60 / 653.90	644.80 / 653.67	645.00 / 653.71	645.20 / 653.56	645.40 / 653.62	645.60 / 653.36	645.40 / 653.43	645.60 / 653.10	647.27 / 653.14	647.48 / 652.90	647.68 / 652.95	647.43 / 652.72	647.18 / 652.76	646.93 / 652.50	646.68 / 652.07	646.43 / 651.81	652.61 / 652.40	653.35 / 653.22	654.33 / 654.27	655.46 / 655.45
644.00	647.11	644.20	647.00	644.40	646.54	644.60	646.54	644.80	648.25	645.00	646.54	645.20	648.50	645.40	648.19	645.60	647.87	647.56	647.48	647.25	647.68	646.93	647.43	646.62	647.18	645.18	646.93	645.04

USER NAME = 1654	DESIGNED - JWB	REVISED -	
	DRAWN - JWB	REVISED -	
PLOT SCALE = 100.0000 ' / IN.	CHECKED - RS	REVISED -	
PLOT DATE = 6/15/2012	DATE - 06/15/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 AT IL ROUTE 31
PROFILES – U.S. ROUTE 30

SCALE: H=50', V=5' | SHEET NO. -- OF -- SHEETS | STA. 1234+00 TO STA. 1261+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(10 & 11 VB) R-3	•	507	80
	• KANE AND KENDALL	CONTRACT NO. 60133		
	ILLINOIS FED. AID PROJECT			

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