

CURVE NB31-3
 PI STA. = 126+57.31
 $\Delta = 7^\circ 13' 11''$ (LT)
 $D = 2^\circ 32' 47''$
 $R = 2,250.12'$
 $T = 141.95'$
 $L = 283.53'$
 $E = 4.47'$
 $e = 2.0\%$
 $T.R. = 51'$
 $S.E. RUN = 69'$
 $P.C. STA. = 125+15.35$
 $P.T. STA. = 127+98.89$
 $DS=50 MPH; PS=45 MPH$

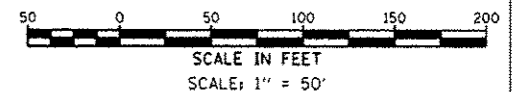
CURVE NB31-4
 PI STA. = 131+33.82
 $\Delta = 2^\circ 01' 38''$ (LT)
 $D = 0^\circ 34' 23''$
 $R = 10,000.55'$
 $T = 176.94'$
 $L = 353.84'$
 $E = 1.57'$
 $e = 2.0\%$ (EX.)
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 129+56.89$
 $P.T. STA. = 133+10.72$
 $DS=50 MPH; PS=45 MPH$

CURVE SB31-4
 PI STA. = 226+53.89
 $\Delta = 7^\circ 13' 11''$ (LT)
 $D = 2^\circ 34' 01''$
 $R = 2,232.12'$
 $T = 140.82'$
 $L = 281.26'$
 $E = 4.44'$
 $e = 2.0\%$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 225+13.07$
 $P.T. STA. = 227+94.34$
 $DS=50 MPH; PS=45 MPH$

CURVE SB31-5
 PI STA. = 232+09.53
 $\Delta = 2^\circ 31' 31''$ (LT)
 $D = 0^\circ 34' 23''$
 $R = 10,000.00'$
 $T = 220.42'$
 $L = 440.76'$
 $E = 2.43'$
 $e = 2.0\%$ (EX.)
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 229+89.11$
 $P.T. STA. = 234+29.88$
 $DS=50 MPH; PS=45 MPH$

LEGEND

- ① STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FT POSTS
- ② TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- ③ CONCRETE BARRIER, SINGLE FACE, 42" HEIGHT
- ④ TRAFFIC BARRIER TERMINAL, TYPE 6
- ⑤ AGGREGATE SHOULDER, TYPE B, 8"
- ⑥ AGGREGATE WEDGE SHOULDER, TYPE B, 3" MAX.
- ⑦ B-6.24 CURB AND GUTTER
- ⑧ CONCRETE MEDIAN, TYPE SB-6 OR SB-6.24
- ⑨ CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
- ⑩ TOPSOIL, FURNISH & PLACE, 30"
- ⑪ CONCRETE MEDIAN, 4"
- ⑫ PAVEMENT RECONSTRUCTION (IL 31)
- ⑬ HOT-MIX ASPHALT SHOULDER
- ⑭ HOT-MIX ASPHALT PAVEMENT OVERLAY AND WIDENING
- ⑮ HOT-MIX ASPHALT ENTRANCE
- ⑯ P.C.C. PAVEMENT, 10" (JOINTED)
- ⑰ P.C.C. SHOULDER, 10"



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USER NAME = 1654	DESIGNED - JWB	REVISED - GRAEF 9-11-12
	DRAWN - JWB	REVISED -
PLOT SCALE = 1/80,000" / IN.	CHECKED - RS	REVISED -
PLOT DATE = 9/12/2012	DATE - 06/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 AT IL ROUTE 31
ROADWAY PLAN - IL ROUTE 31

SCALE: 1"=50' SHEET NO. RDWY-5 OF 7 (IL 31) STA. 124+00 TO STA. 140+67

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(10 & 11) VBI R-3		507	77
KANE AND KENDALL			CONTRACT NO. 60133	
ILLINOIS FED. AID PROJECT				