ILLINOIS ROUTE 31
PROPOSED ℄ COORDINATE TABLE

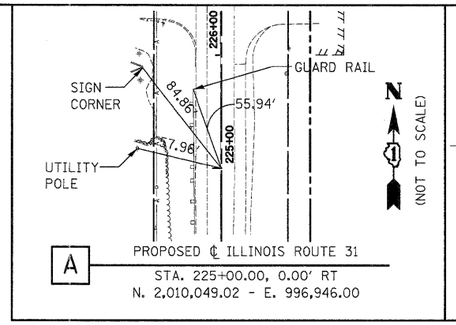
STATION	NORTHING	EASTING
203+07.81	2,007,856.836	996,949.507
243+89.76	2,011,938.779	996,942.979
248+97.36	2,012,446.378	996,942.167
275+94.90	2,015,143.910	996,933.672
280+00.00	2,015,549.008	996,932.396

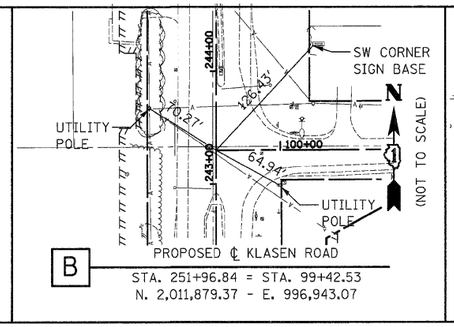
KLASEN ROAD
PROPOSED ℄ COORDINATE TABLE

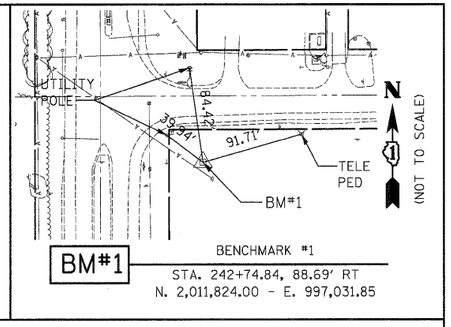
STATION	NORTHING	EASTING
99+42.53	2,011,879.367	996,943.074
110+61.61	2,011,885.624	998,062.140

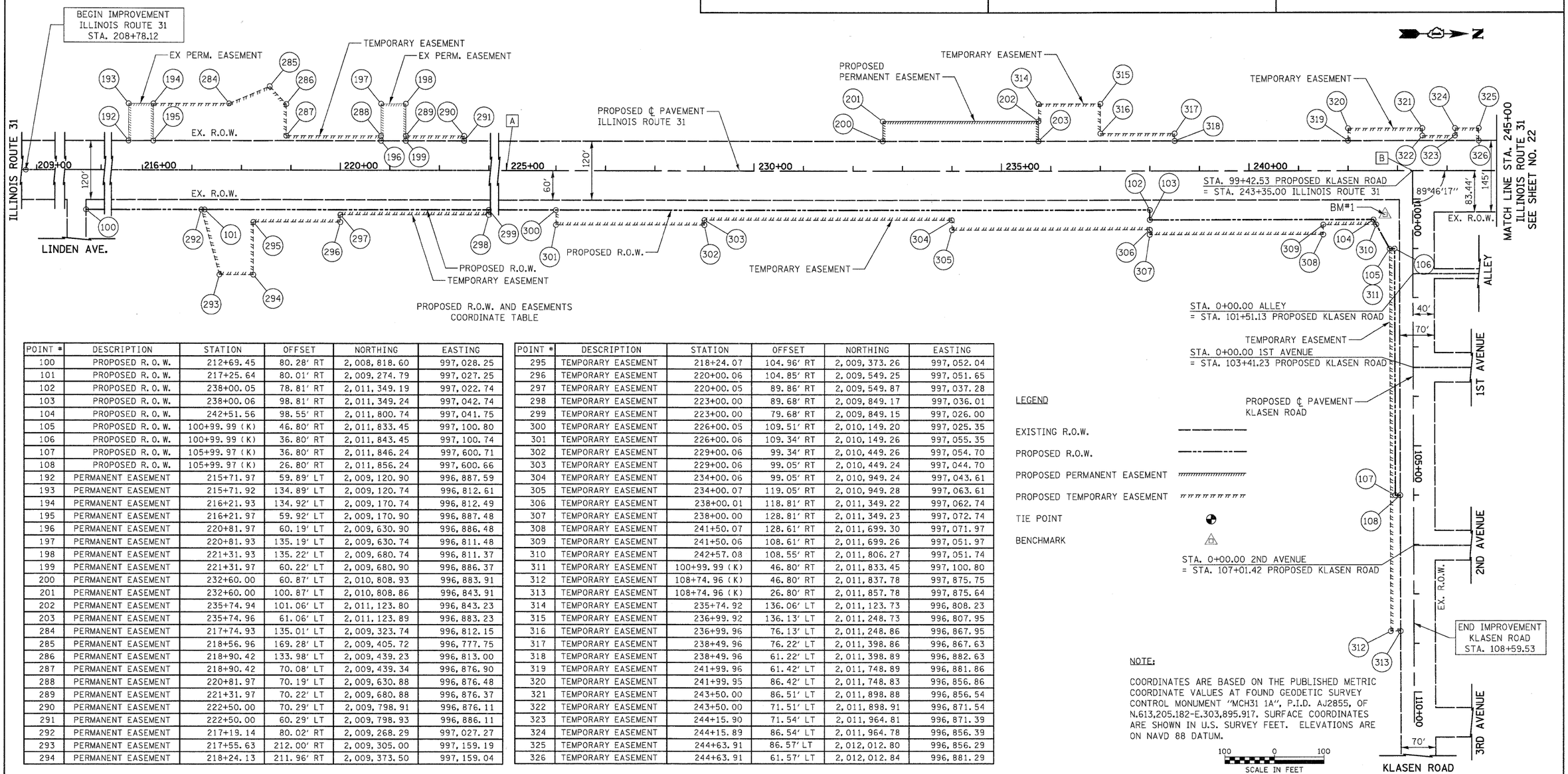
BENCHMARKS

BM #	APPROXIMATE LOCATION	ELEVATION
1	FOUND MONUMENT "MCH31-1A" IN SE QUADRANT OF THE INTERSECTION OF ILLINOIS ROUTE 31 AND KLASEN ROAD	894.66









PROPOSED R.O.W. AND EASEMENTS
COORDINATE TABLE

POINT #	DESCRIPTION	STATION	OFFSET	NORTHING	EASTING
100	PROPOSED R.O.W.	212+69.45	80.28' RT	2,008,818.60	997,028.25
101	PROPOSED R.O.W.	217+25.64	80.01' RT	2,009,274.79	997,027.25
102	PROPOSED R.O.W.	238+00.05	78.81' RT	2,011,349.19	997,022.74
103	PROPOSED R.O.W.	238+00.06	98.81' RT	2,011,349.24	997,042.74
104	PROPOSED R.O.W.	242+51.56	98.55' RT	2,011,800.74	997,041.75
105	PROPOSED R.O.W.	100+99.99 (K)	46.80' RT	2,011,833.45	997,100.80
106	PROPOSED R.O.W.	100+99.99 (K)	36.80' RT	2,011,843.45	997,100.74
107	PROPOSED R.O.W.	105+99.97 (K)	36.80' RT	2,011,846.24	997,600.71
108	PROPOSED R.O.W.	105+99.97 (K)	26.80' RT	2,011,856.24	997,600.66
192	PERMANENT EASEMENT	215+71.97	59.89' LT	2,009,120.90	996,887.59
193	PERMANENT EASEMENT	215+71.92	134.89' LT	2,009,120.74	996,812.61
194	PERMANENT EASEMENT	216+21.93	134.92' LT	2,009,170.74	996,812.49
195	PERMANENT EASEMENT	216+21.97	59.92' LT	2,009,170.90	996,887.48
196	PERMANENT EASEMENT	220+81.97	60.19' LT	2,009,630.90	996,886.48
197	PERMANENT EASEMENT	220+81.93	135.19' LT	2,009,630.74	996,811.48
198	PERMANENT EASEMENT	221+31.93	135.22' LT	2,009,680.74	996,811.37
199	PERMANENT EASEMENT	221+31.97	60.22' LT	2,009,680.90	996,886.37
200	PERMANENT EASEMENT	232+60.00	60.87' LT	2,010,808.93	996,883.91
201	PERMANENT EASEMENT	232+60.00	100.87' LT	2,010,808.86	996,843.91
202	PERMANENT EASEMENT	235+74.94	101.06' LT	2,011,123.80	996,843.23
203	PERMANENT EASEMENT	235+74.96	61.06' LT	2,011,123.89	996,883.23
284	PERMANENT EASEMENT	217+74.93	135.01' LT	2,009,323.74	996,812.15
285	PERMANENT EASEMENT	218+56.96	169.28' LT	2,009,405.72	996,777.75
286	PERMANENT EASEMENT	218+90.42	133.98' LT	2,009,439.23	996,813.00
287	PERMANENT EASEMENT	218+90.42	70.08' LT	2,009,439.34	996,876.90
288	PERMANENT EASEMENT	220+81.97	70.19' LT	2,009,630.88	996,876.48
289	PERMANENT EASEMENT	221+31.97	70.22' LT	2,009,680.88	996,876.37
290	PERMANENT EASEMENT	222+50.00	70.29' LT	2,009,798.91	996,876.11
291	PERMANENT EASEMENT	222+50.00	60.29' LT	2,009,798.93	996,886.11
292	PERMANENT EASEMENT	217+19.14	80.02' RT	2,009,268.29	997,027.27
293	PERMANENT EASEMENT	217+55.63	212.00' RT	2,009,305.00	997,159.19
294	PERMANENT EASEMENT	218+24.13	211.96' RT	2,009,373.50	997,159.04

POINT #	DESCRIPTION	STATION	OFFSET	NORTHING	EASTING
295	TEMPORARY EASEMENT	218+24.07	104.96' RT	2,009,373.26	997,052.04
296	TEMPORARY EASEMENT	220+00.06	104.85' RT	2,009,549.25	997,051.65
297	TEMPORARY EASEMENT	220+00.05	89.86' RT	2,009,549.87	997,037.28
298	TEMPORARY EASEMENT	223+00.00	89.68' RT	2,009,849.17	997,036.01
299	TEMPORARY EASEMENT	223+00.00	79.68' RT	2,009,849.15	997,026.00
300	TEMPORARY EASEMENT	226+00.05	109.51' RT	2,010,149.20	997,025.35
301	TEMPORARY EASEMENT	226+00.06	109.34' RT	2,010,149.26	997,055.35
302	TEMPORARY EASEMENT	229+00.06	99.34' RT	2,010,449.26	997,054.70
303	TEMPORARY EASEMENT	229+00.06	99.05' RT	2,010,449.24	997,044.70
304	TEMPORARY EASEMENT	234+00.06	99.05' RT	2,010,949.24	997,043.61
305	TEMPORARY EASEMENT	234+00.07	119.05' RT	2,010,949.28	997,063.61
306	TEMPORARY EASEMENT	238+00.01	118.81' RT	2,011,349.22	997,062.74
307	TEMPORARY EASEMENT	238+00.00	128.81' RT	2,011,349.23	997,072.74
308	TEMPORARY EASEMENT	241+50.07	128.61' RT	2,011,699.30	997,071.97
309	TEMPORARY EASEMENT	241+50.06	108.61' RT	2,011,699.26	997,051.97
310	TEMPORARY EASEMENT	242+57.08	108.55' RT	2,011,806.27	997,051.74
311	TEMPORARY EASEMENT	100+99.99 (K)	46.80' RT	2,011,833.45	997,100.80
312	TEMPORARY EASEMENT	108+74.96 (K)	46.80' RT	2,011,837.78	997,875.75
313	TEMPORARY EASEMENT	108+74.96 (K)	26.80' RT	2,011,857.78	997,875.64
314	TEMPORARY EASEMENT	235+74.92	136.06' LT	2,011,123.73	996,808.23
315	TEMPORARY EASEMENT	236+99.92	136.13' LT	2,011,248.73	996,807.95
316	TEMPORARY EASEMENT	236+99.96	76.13' LT	2,011,248.86	996,867.95
317	TEMPORARY EASEMENT	238+49.96	76.22' LT	2,011,398.86	996,867.63
318	TEMPORARY EASEMENT	238+49.96	61.22' LT	2,011,398.89	996,882.63
319	TEMPORARY EASEMENT	241+99.96	61.42' LT	2,011,748.89	996,881.86
320	TEMPORARY EASEMENT	241+99.95	86.42' LT	2,011,748.83	996,856.86
321	TEMPORARY EASEMENT	243+50.00	86.51' LT	2,011,898.88	996,856.54
322	TEMPORARY EASEMENT	243+50.00	71.51' LT	2,011,898.91	996,871.54
323	TEMPORARY EASEMENT	244+15.90	71.54' LT	2,011,964.81	996,871.39
324	TEMPORARY EASEMENT	244+15.89	86.54' LT	2,011,964.78	996,856.39
325	TEMPORARY EASEMENT	244+63.91	86.57' LT	2,012,012.80	996,856.29
326	TEMPORARY EASEMENT	244+63.91	61.57' LT	2,012,012.84	996,881.29

NOTE:

COORDINATES ARE BASED ON THE PUBLISHED METRIC COORDINATE VALUES AT FOUND GEODETIC SURVEY CONTROL MONUMENT "MCH31 1A", P.I.D. AJ2855, OF N.613,205.182-E.303,895.917. SURFACE COORDINATES ARE SHOWN IN U.S. SURVEY FEET. ELEVATIONS ARE ON NAVD 88 DATUM.

FILE NAME = Y:\2278 Virginia Klasen\cad\sheet\05-AlignmentTiesAndBenchmarks\2278-sht-AT8-01.dgn	USER NAME = dte	DESIGNED - KWH	REVISED -
	PLOT SCALE = 100.0000 ' / in.	DRAWN - AKW	REVISED -
	PLOT DATE = 10/24/2011	CHECKED - GAB	REVISED -
		DATE - 10/24/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' | SHEET NO. 1 OF 3 SHEETS | STA. 208+78.12 TO STA. 245+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	96-00209-01-PV	McHENRY	271	21

CONTRACT NO. 63553

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT HPP-4064(003)