F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK	1207	40
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 62114

	NORTHING	EASTING	STATION	OFFSET
I-80				
POT I8003	545472.4038	362553.0756	3+116.526	0.000 m
POT I80-4	545521.0871	366816.5472	7+380.276	0.000 m
I-94 WB				
POT CL94WB-3	545520.5497	363490.6231	31+452.055	0.000 m
POT CL94WB-4	545526.2614	363990.6763	31+952.141	0.000 m
PI CL94WB-4	545527.3695	364087.6937	32+049.165	1.177 m RT
POT CL94WB-4	545533.1801	364184.5433	32+146.150	0.000 m
POT CL94WB-5	545554.2642	364535.9699	32+498.209	0.000 m
PI CL94WB-5	545566.7139	364743.4803	32+706.093	7.194 m LT
POT CL94EB-5	545550.4235	364950.7245	32+913.312	0.000 m
POT CL94EB-6	545547.0278	364993.9243	32+956.645	0.000 m
PI CL94WB-6	545536.6217	365126.3083	33+089.438	2.938 m RT
POT CL94WB-6	545537.9531	365259.0941	33+222.057	0.000 m
POT CL94WB-7	545540.2370	365486.8702	33+449.845	0.000 m
PI CL94WB-7	545541.1058	365573.5134	33+536.492	0.751 m LT
POT CL94WB-7	545538.9720	365660.1347	33+623.122	0.000 m
POT CL94WB-8	545538.9720	365660.1347	33+623.122	0.000 m
PI CL94WB-8	545537.4942	365720.1258	33+683.132	0.360 m RT
POT CL94WB-8	545537.4566	365780.1350	33+743.135	0.000 m
POE CL94WB	545537.1383	366288.4408	24+251.441	0.000 m
CD EB ROAD				
POT BLCDEB1	545444.5568	364104.0091	190+000.000	0.000 m
POT BLCDEB-1	545434.6316	364387.9686	190+284.133	0.000 m
PI BLCDEB-1	545433.2144	364428.5135	190+324.703	0.470 m RT
POT BLCDEB-1	545433.6776	364469.0806	190+365.258	0.000 m
POT BLCDEB-2	545435.2608	364607.7285	190+503.915	0.000 m
PI BLCDEB-2	545435.7430	364649.9561	190+546.145	0.510 m RT
POT BLCDEB-2	545438.2615	364692.1112	190+588.359	0.000 m
POT BLCDEB2	545470.7110	365235.2627	191+132.479	0.000 m
POT BLCDEB3	545473.9190	365355.3440	191+252.603	0.000 m
POE BLCDEB	545481.8608	365630.3641	191+527.738	0.000 m
RAMP T				
POT BLRAMPT1	545515.4630	363990.7997	209+403.890	0.000 m
POT BLRAMPT2	545522.2694	364586.8708	210+000.000	0.000 m
RAMP U				
POT BLRAMPU1	545529.4656	364586.7886	240+000.000	0.000 m
POT BLRAMPU2	545531.7509	364786.9255	240+200.150	0.000 m
POT BLRAMPU-1	545531.3282	364849.7110	240+262.937	0.000 m
PI BLRAMPU-1	545531.1449	364876.9383	240+290.165	0.124 m LT
POT BLRAMPU-1	545530.4674	364904.1578	240+317.391	0.000 m
POT BLRAMPU3	545526.8651	365048.8884	240+462.167	0.000 m
POT BLRAMPU4	545520.9515	365186.1667	240+599.572	0.000 m
RAMP V				
POT BLRAMPV4	545445.2468	363936.9496	219+349.236	0.000 m
POT BLRAMPV2	545450.8070	364256.0868	219+668.422	0.000 m
POT BLRAMPV3	545454.5930	364587.6435	220+000.000	0.000 m
RAMP W				
POT BLRAMPW1	545454.5930	364587.6435	230+000.000	0.000 m
POT BLRAMPW2	545456.3198	364738.8755	230+151.242	0.000 m
POT BLRAMPW3	545456.8919	364757.0638	230+169.439	0.000 m
POT BLRAMPW4	545463.3480	364882.5295	230+295.071	0.000 m
POT BLRAMPW5	545464.0659	364900.4032	230+312.959	0.000 m
BERNICE AVE				
PC CLFTN1-1	545593.300	364890.886	308+665.477	0.000 m
PI CLFTN1-1	545570.015	364891.005	308+688.762	9.164 m RT
PT CLFTN1-1	545568.481	364914.239	308+702.971	0.000 m
PC CLFTN1-2	545568.481	364914.239	308+702.971	0.000 m
PI CLFTN1-2	545567.237	364933.093	308+721.866	0.059 m LT
PT CLFTN1-2	545565.756	364951.930	308+740.761	0.000 m
PC CLFTN1-3	545562.360	364995.130	308+784.094	0.000 m
PI CLFTN1-3	545547.304	365186.678	308+976.233	6.178 m RT
PT CLFTN1-3	545556.932	365378.576	309+167.843	0.000 m
PC CLFTN1-4	545569.429	365627.658	309+417.239	0.000 m
PI CLFTN1-4	545570.108	365641.193	309+430.790	0.131 m LT
PT CLFTN1-4	545570.263	365654.743	309+444.338	0.000 m
PC CLFTN1-5	545571.085	365726.701	309+516.300	0.000 m
PI CLFTN1-5	545571.298	365745.332	309+534.933	1.381 m LT
PT CLFTN1-5	545566.067	365763.216	309+553.294	0.000 m
PC CLFTN1-6	545557.833	365791.370	309+582.627	0.000 m
PI CLFTN1-6	545552.819	365808.516	309+600.491	1.270 m RT
PT CLFTN1-6	545552.808	365826.380	309+618.114	0.000 m
175TH STREET				
PC CLFS1	545385.833	364793.139	318+553.012	0.000 m
PI CLFS1	545433.655	364792.409	318+600.840	19.192 m LT
PT CLFS1	545436.507	364840.152	318+629.332	0.000 m
PC CLFS2	545457.984	365199.638	318+989.458	0.000 m
PI CLFS2	545459.531	365225.537	319+015.404	0.481 m LT
PT CLFS2	545459.157	365251.480	319+041.326	0.000 m
PC CLFS3	545454.811	365552.698	319+342.576	0.000 m
PI CLFS3	545454.335	365585.720	319+375.601	0.779 m RT
PT CLFS3	545456.970	365618.640	319+408.577	0.000 m
PC CLFS4	545467.018	365744.198	319+534.537	0.000 m
PI CLFS4	545468.503	365762.748	319+553.146	0.247 m LT
PT CLFS4	545469.000	365781.351	319+571.746	0.000 m
PC CLFS5	545478.786	366286.435	320+076.943	0.000 m
PI CLFS5	545479.414	366306.419	320+096.937	0.100 m LT
PT CLFS5	545479.642	366326.412	320+116.930	0.000 m
BURNHAM AVE				
CLBURN1	545,014.22	366,217.19	59+500.000	0.000 m
CLBURN2	545,814.02	366,203.93	60+299.913	0.000 m
RAILROAD AVE				
CLRR11	545,456.12	365,461.93	300+005.105	0.000 m
CLRR12	545,561.05	365,460.73	300+110.045	0.000 m

ACE BENCHMARKS
SOUTH SIDE OF I-80

B.M. 2E SQUARE CUT IN CENTER OF HEADWALL BOX CULVERT BETWEEN IL 394 AND TORRENCE AVENUE, SOUTH SIDE OF I-80. ELEV = 181.854

B.M. 3E RAILROAD SPIKE IN POWER POLE JUST EAST OF TRANSMISSION TOWERS, SOUTH SIDE OF I-80 BY SOUTHBOUND TORRENCE AVENUE EXIT RAMP. ELEV = 183.127

B.M. 4E SQUARE CUT ON SOUTH SIDE OF BI1 LIGHT POLE, LOCATION AT SOUTH WEST QUADRANT OF TORRENCE AND I-80. ELEV = 182.719

B.M. 5E SQUARE CUT IN SOUTHEAST CORNER OF THE SOUTHWEST CRASHWALL OF I-80 BRIDGE OVER RAILROAD. ELEV = 192.219

B.M. 6E SQUARE CUT IN NORTHWEST CORNER OF THE SOUTHWEST HANDRAIL (J-WALL) AT THE SOUTHWEST ABUTMENT OF I-80 OF I-80 BRIDGE OVER BURNHAM AVENUE. ELEV = 187.309

B.M.M FOUND SQUARE CUT IN SOUTHWEST WINGWALL OF TORRENCE AVENUE BRIDGE OVER I-80. ELEV = 188.209

T.B.M. 202 CHISELED 'x' ON NORTHWEST BOLT OF FIRE HYDRANT LOCATED ON THE SOUTHEAST CORNER OF 175TH AND PAXTON AVENUE. ELEV = 183.883

T.B.M. 230 CHISELED BOX ON NORTHWEST CORNER OF CONCRETE PAD OF ILLINOIS DEPARTMENT OF TRANSPORTATION CONTROL BOX LOCATED ON EAST SIDE OF TORRENCE AVENUE +/- 25m NORTH OF 176TH PLACE. ELEV = 183.582

NORTH SIDE OF I-80

T.B.M. 107 SET CUT BOX NW CORNER OF NW WINGWALL OVER BURNHAM AVENUE WESTBOUND I-80 ACROSS FROM MILE MARKER 162.85; LIGHT POLE AB4. ELEV = 187.315

T.B.M. 108 SET CHISELED "X" ON SE BOLT OF SIGN FOUNDATION AT APPROXIMATELY MILE MARKER 162.63; AA7 LIGHT POLE; DESCRIPTION 1.5 NORTH OF GUARDRAIL. ELEV = 186.650

T.B.M. 109 SET CUT BOX ON NE WINGWALL OF RAILROAD BRIDGE, WESTBOUND I-80, APPROXIMATELY MILE MARKER 162.39. ELEV = 192.295

T.B.M. 110 SET CUT BOX ON NW WINGWALL OF RAILROAD BRIDGE, WESTBOUND I-80, APPROXIMATELY MILE MARKER 162.25 ELEV = 192.109

T.B.M. 111 SET CUT BOX ON BARRIER WALL, WESTBOUND I-80 +/- 3m SOUTH OF OVERHEAD SIGN TRUSS FOUNDATION (B2); READS "TORRENCE AVENUE ALL EXITS"; +/- 80m EAST OF MILE MARKER 162.01 ELEV = 184.733

T.B.M. 113 SET CUT BOX ON SE CORNER OF LIGHT POLE FOUNDATION (BGH3), WESTBOUND I-80 JUST SOUTH OF CHAIN LINK FENCE. ELEV = 183.182

NOTE:

ACE = AMERICAN CONSULTING ENGINEERS, L.L.C

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)
EB & WB INSIDE LANES (MAINLINE) CONSTRUCTION
COOK COUNTY

TIES & BENCHMARKS

SCALE:
DATE: 7/18/2005
DRAWN BY: RJS
CHECKED BY: DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

..\TB3R02A.DGN..\TB3R02A.DGN..\AB99002A.DGN
7-14-2005, 13:30:58 T:\DOCUMENT\93175\CIVIL\DGN\TB60G62A.DGN
8AJ7EKKJ
50 51 52 53 54 55 56 57 58 59 60 61 62 63
42 43 44 45 46 47 48 49
32 33 34 35 36 37 38 39 40 41
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31