

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	36
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (2425 & 2626) R-2		CONTRACT NO. 62111		

	NORTHING	EASTING	STATION	OFFSET
I-80				
POT 18003	545472.4038	362553.0756	3+116.526	0.000 m
POT 180-4	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	0.000 m RT
POT CL94WB-4	545533.1801	364184.5433	32+146.150	0.000 m
POT CL94WB-5	545534.2642	364535.9699	32+498.209	0.000 m
PI CL94WB-5	545566.7139	364743.4803	32+706.093	7.194 m LT
POT CL94WB-5	545550.4235	364950.7245	32+913.312	0.000 m
POT CL94WB-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 BLRAMP1	545515.4630	363990.7997	209+403.890	0.000 m
POT BLRAMP2	545522.2694	364586.8708	210+000.000	0.000 m
RAMP U				
POT BLRAMP1	545529.4656	364586.7886	240+000.000	0.000 m
POT BLRAMP2	545531.7509	364786.9255	240+200.150	0.000 m
POT BLRAMP1-1	545531.3282	364849.7110	240+262.937	0.000 m
PI BLRAMP1-1	545531.1449	364876.9383	240+290.165	0.124 m LT
POT BLRAMP1-1	545530.4674	364904.1578	240+317.391	0.000 m
POT BLRAMP3	545526.8651	365048.8884	240+462.167	0.000 m
POT BLRAMP4	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+666.422	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
POT BLMQ112	545382.7331	364430.3930	419+877.210	0.000 m
TEMP RAMP U-2				
POT BLMU24-1	545531.632	364804.539	32+599.792	0.000 m
PI BLMU24-1	545531.392	364840.159	32+635.413	1.734 m RT
POT BLMU24-1	545538.044	364875.153	32+670.808	0.000 m
POT BLMU24-2	545538.044	364875.153	32+670.808	0.000 m
PI BLMU24-2	545547.172	364923.178	32+719.693	3.259 m LT
POT BLMU24-2	545543.341	364971.913	32+767.999	0.000 m
POT BLMU24-2	545543.184	364973.916	32+770.009	0.000 m
TEMP RAMP W-2				
POT BLMW21-1	545478.634	365636.680	509+850.000	0.000 m
POT BLMW21-1	545480.232	365776.671	509+990.000	0.000 m
PI BLMW21-1	545480.976	365841.845	510+055.179	1.895 m RT
POT BLMW21-1	545489.276	365906.493	510+120.210	0.000 m
POT BLMW21-2	545489.276	365906.493	510+120.210	0.000 m
PI BLMW21-2	545497.575	365971.141	510+185.389	1.895 m LT
POT BLMW21-2	545498.319	366036.315	510+250.420	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

	NORTHING	EASTING	STATION	OFFSET
BERNICE AVE				
PC CLFTNI-1	545593.300	364890.886	308+665.477	0.000 m
PI CLFTNI-1	545570.015	364891.005	308+688.762	9.164 m RT
PT CLFTNI-1	545568.481	364914.239	308+702.971	0.000 m
PC CLFTNI-2	545568.481	364914.239	308+702.971	0.000 m
PI CLFTNI-2	545567.237	364933.093	308+721.866	0.059 m LT
PT CLFTNI-2	545565.756	364951.930	308+740.761	0.000 m
PC CLFTNI-3	545562.360	364995.130	308+784.094	0.000 m
PI CLFTNI-3	545547.304	365186.678	308+976.233	6.178 m RT
PT CLFTNI-3	545556.932	365378.576	309+167.843	0.000 m
PC CLFTNI-4	545569.429	365627.658	309+417.239	0.000 m
PI CLFTNI-4	545570.108	365641.193	309+430.790	0.131 m LT
PT CLFTNI-4	545570.263	365654.743	309+444.338	0.000 m
PC CLFTNI-5	545571.085	365726.701	309+516.300	0.000 m
PI CLFTNI-5	545571.298	365745.332	309+534.933	1.381 m LT
PT CLFTNI-5	545566.067	365763.216	309+553.294	0.000 m
PC CLFTNI-6	545557.833	365791.370	309+582.627	0.000 m
PI CLFTNI-6	545552.819	365808.516	309+600.491	1.270 m RT
PT CLFTNI-6	545552.808	365826.360	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

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 B111 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: 8/22/05 DRAWN BY: JFS CHECKED BY: MCD

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

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