

**COORDINATE TABLE**

COORDINATE TABLE				
9TH STREET				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		1+69.50	14,042,134.25	2,457,502.61
STATION EQUATION	BACK =	8+00.00	14,041,691.72	2,457,053.50
	AHEAD	6+30.50		
PC	9TH-1	8+88.92	14,041,510.34	2,456,869.43
PI	9TH-1	9+47.09	14,041,469.51	2,456,827.99
PT	9TH-1	10+05.00	14,041,436.08	2,456,780.38
POT		18+33.29	14,040,960.09	2,456,102.51
POT		20+66.23	14,040,799.59	2,455,933.69
BAUGH AVENUE				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		5+00.00	14,039,792.06	2,457,936.98
STATION EQUATION	BACK =	7+62.62	14,039,980.74	2,457,754.31
	AHEAD	502+62.62		
PC	BAUGH_N-1	515+13.06	14,040,879.13	2,456,884.54
PI	BAUGH_N-1	516+33.92	14,040,965.96	2,456,800.47
PT	BAUGH_N-1	517+47.80	14,041,084.81	2,456,778.56
PC	BAUGH_N-2	518+37.06	14,041,172.59	2,456,762.37
PI	BAUGH_N-2	518+80.72	14,041,215.53	2,456,754.45
PT	BAUGH_N-2	519+23.02	14,041,251.25	2,456,729.36
POT		520+44.97	14,041,351.05	2,456,659.29
RAMP "I"				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		9+48.51	14,042,186.14	2,454,851.54
POT		11+18.04	14,042,065.26	2,454,970.39
PC	RAMP I-1	12+81.01	14,041,945.12	2,455,080.51
PI	RAMP I-1	14+30.63	14,041,834.82	2,455,181.62
PT	RAMP I-1	14+66.28	14,041,797.20	2,455,036.80
PC	RAMP I-2	16+62.40	14,041,747.88	2,454,846.98
PI	RAMP I-2	17+79.67	14,041,718.39	2,454,733.48
PT	RAMP I-2	18+95.88	14,041,663.44	2,454,629.86
POT		23+83.51	14,041,434.95	2,454,199.08
RAMP "J"				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		10+00.00	14,041,852.37	2,455,208.63
PC	RAMP J-1	14+46.88	14,041,703.44	2,454,787.30
PI	RAMP J-1	15+76.18	14,041,660.35	2,454,665.38
PCC	RAMP J-2	16+37.38	14,041,546.92	2,454,727.47
PI	RAMP J-2	17+17.62	14,041,476.52	2,454,766.00
PT	RAMP J-2	17+76.66	14,041,490.33	2,454,845.05
PC	RAMP J-3	21+63.42	14,041,556.88	2,455,226.04
PI	RAMP J-3	22+83.56	14,041,577.55	2,455,344.39
PT	RAMP J-3	24+03.46	14,041,611.28	2,455,459.71
EB I-64				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		26+70.53	14,041,244.03	2,456,272.79
POT		28+70.41	14,041,098.15	2,456,409.42
POT		32+00.00	14,040,862.14	2,456,639.49

**COORDINATE TABLE (CONTD)**

RAMP "P"				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		15+00.00	14,041,351.05	2,456,659.29
PC	RAMPP-1	16+90.04	14,041,506.58	2,456,550.08
PI	RAMPP-1	18+60.32	14,041,645.93	2,456,452.23
PT	RAMPP-1	19+51.32	14,041,734.93	2,456,597.39
PC	RAMPP-2	21+04.96	14,041,815.23	2,456,728.37
PI	RAMPP-2	23+33.57	14,041,934.72	2,456,923.27
PCC	RAMPP-2	25+61.92	14,042,069.97	2,457,107.59
PI	RAMPP-3	29+84.93	14,042,320.24	2,457,448.62
PRC	RAMPP-3	34+02.41	14,042,655.04	2,457,707.17
PI	RAMPP-4	35+16.42	14,042,745.29	2,457,776.85
PT	RAMPP-4	36+30.23	14,042,842.35	2,457,836.68
POT		37+24.71	14,042,922.78	2,457,886.25
ST. CLAIR				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		36+38.49	14,039,450.62	2,457,589.50
STATION EQUATION	BACK =	41+08.55	14,039,786.13	2,457,260.27
	AHEAD	41+09.18		
POT		52+37.78	14,040,590.90	2,456,469.02
POT		54+81.87	14,040,764.67	2,456,297.60
PC	ST_CLR-3	59+53.48	14,041,098.44	2,455,964.41
PI	ST_CLR-3	60+16.32	14,041,142.91	2,455,920.02
PT	ST_CLR-3	60+79.14	14,041,185.80	2,455,874.10
PC	ST_CLR-4	61+75.28	14,041,251.43	2,455,803.85
PI	ST_CLR-4	62+50.52	14,041,302.79	2,455,748.86
PT	ST_CLR-4	63+25.75	14,041,356.41	2,455,696.06
STATION EQUATION	BACK =	64+00.61	14,041,409.75	2,455,643.54
	AHEAD	64+00.00		
POT		64+00.00	14,041,409.76	2,455,643.54
PC	ST_CLR-5	83+34.12	14,042,787.95	2,454,286.56
PI	ST_CLR-5	83+86.24	14,042,825.09	2,454,249.99
PT	ST_CLR-5	84+37.98	14,042,853.89	2,454,206.55
15TH STREET				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		0+00.00	14,039,109.38	2,457,242.23
POT		4+86.87	14,039,450.62	2,457,589.50
POT		5+00.00	14,039,459.82	2,457,598.87
POT		9+74.03	14,039,792.06	2,457,936.98
POT		15+24.82	14,040,178.10	2,458,329.84
RUNAROUND				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	RUNAROUND-1	100+00.00	14,040,736.29	2,456,315.10
PI	RUNAROUND-1	100+65.68	14,040,783.06	2,456,268.98
PT	RUNAROUND-1	101+25.96	14,040,789.13	2,456,203.58
PC	RUNAROUND-2	101+25.96	14,040,789.13	2,456,203.58
PI	RUNAROUND-2	101+91.91	14,040,795.23	2,456,137.92
PT	RUNAROUND-2	102+52.39	14,040,842.31	2,456,091.73
PC	RUNAROUND-3	103+34.87	14,040,901.19	2,456,033.97
PI	RUNAROUND-3	103+89.70	14,040,940.33	2,455,995.58
PT	RUNAROUND-3	104+41.31	14,040,994.22	2,455,985.52
PC	RUNAROUND-4	104+41.31	14,040,994.22	2,455,985.52
PI	RUNAROUND-4	104+98.78	14,041,050.72	2,455,974.98
PT	RUNAROUND-4	105+52.56	14,041,090.65	2,455,933.65

**BENCHMARKS**

MONUMENT	ELEVATION	STATION	OFFSET	DESCRIPTION
BM DAS 4	415.74	BAUGH N 5+30	30.1' LT	CHSLD "SQUARE" SE CORNER OF TRAFFIC SIGNAL FOUNDATION NW QUADRANT BAUGH AVENUE & 15TH STREET
BM DAS 6	418.71	BAUGH N 517+12	95.7' LT	CHSLD "X" NE CAP BOLT FIRE HYDRANT WEST SIDE OF BAUGH AVENUE JUST NORTH OF BAUGH AVENUE & 11TH STREET
BM DAS 8	405.39	I-64 W.B. 116+29	41.9' RT	CHSLD "SQUARE" NORTH FOUNDATION OF SIGN TRUSS OVER I-64 WB & EXIT RAMP 3 TO I-55/I-70 EB
BM DAS 12	417.42	I-55 SB/I-70 WB 59+07	109.3' RT	CHSLD "SQUARE" CURB INLET NORTH SIDE EXCHANGE AVENUE RAMP FROM I-55 S.B. / I-70 WB
BM DM18	414.02	ST. CLAIR 35+29	12.4' RT	DAVID MASON MONUMENT #18 ALUMINUM DISK IN MEDIAN OF ST. CLAIR AVENUE APPROXIMATELY 100' SOUTHEAST OF 15TH STREET INTERSECTION
BM JD 3	398.37	EX_55N 61+15	28.6' LT	CHSLD "SQUARE" NORTHERLY FOUNDATION SIGN TRUSS OVER I-55/I-70 EB 150' SOUTHWESTERLY OF ST. CLAIR AVENUE BRIDGE
BM JD 4	403.40	I-55 SB/I-64 EB 18+35	35.5' RT	CHSLD "SQUARE" NORTHERLY FOUNDATION SIGN TRUSS OVER I-55/I-70 WB RAMP TO I-64 EB
BM RFS4	421.24	ST. CLAIR 65+73	2.3' LT	CHSLD "SQUARE" IN SOUTHERN MEDIAN ISLAND @ NORTH SIDE OF ST. CLAIR AVENUE @ AT INTERSECTION WITH COLLINSVILLE AVENUE
BM RFS5	413.21	ST. CLAIR 54+02	13.0' RT	CHSLD "X" IN RIM OF MANHOLE AT ST. CLAIR AND KATHERINE DUNHAM
BM RFS7	416.29	ST. CLAIR 39+39	59.0' LT	CHSLD "X" IN CAP BOLT OF FIRE HYDRANT AT INT ST. CLAIR & 14TH ST.
BM RFS8	414.74	ST. CLAIR 74+54	24.0' RT	CHSLD "SQUARE" ON TOP OF CONCRETE HANDRAIL IN NE QUAD TRAIN BRIDGE UNDERPASS @ BOTTOM OF STAIRS ST. CLAIR AVENUE
BM RFS9	413.29	ST. CLAIR 71+18	34.3' RT	CHSLD "SQUARE" ON TOP OF CURB INLET IN NE CORNER, 1ST INLET SE OF TRAIN BRIDGE ST. CLAIR AVENUE IN CONCRETE
BM RFS13	419.81	9TH STREET 3+72	40.7' LT	CUT "X" ON NORTH CAP BOLT OF FIRE HYDRANT SW QUADRANT 9TH STREET & EXCHANGE AVENUE
BM WAR 1	400.21	I-64 E.B. 81+87	50.0' RT	CHSLD "SQUARE" SOUTH EASTERLY EDGE METAL HANDHOLD SOUTH SIDE I-64 E.B. 100' EAST OF METROLINK BRIDGE
BM WAR 2	395.34	I-64 E.B. 40+72	96.0' RT	CHSLD "SQUARE" CONCRETE FOUNDATION OF LIGHT POLE I-64 E.B. ALONG 15TH STREET EXIT RAMP
BM WAR 3	400.28	I-64 E.B. 49+91	53.3' RT	CHSLD "SQUARE" CONCRETE FOUNDATION OF LIGHT POLE SOUTH SIDE OF I-64 EB 75' EAST OF 15TH STREET BRIDGE
BM WAR 4	415.92	I-64 W.B. 87+54	53.0' RT	CHSLD "SQUARE" CONCRETE FOUNDATION OF OF LIGHT POLE NORTH SIDE I-64 WB 500' EAST OF 15TH STREET BRIDGE
BM WAR 5	404.00	I-64 W.B. 93+01	66.74' RT	CHSLD "SQUARE" NORTH CONC. FOUNDATION OF SIGN TRUSS OVER I-64 W.B. 75' EAST OF 15TH STREET BRIDGE
BM WAR 6	397.84	I-64 W.B. 105+26	49.6' RT	CHSLD "SQUARE" CONCRETE FOUNDATION OF LIGHT POLE NORTH SIDE OF I-64 WB 50' EAST OF METROLINK BRIDGE

NOTE:  
INFORMATION ON THIS SHEET  
IS FROM CONTRACT 76C51.

NOTES:  
PCC POINT OF COMPOUND CURVATURE  
PRC POINT OF REVERSE CURVATURE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9214	82-1-12LS	ST. CLAIR	29	6
CONTRACT NO. 76F35				

SCALE: NONE SHEET NO. 2 OF 4 SHEETS STA. ----- TO STA. -----

FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT

6/8/2011 11:15:43 AM

FILE NAME = DBTRI-76C51-sht-aligntblm-01-04.dgn	USER NAME = jlt	DESIGNED - LDC	REVISED -
MODEL NAME = DBTRI-76C51-sht-aligntblm-02	DRAWN - JDF	REVISIONS -	
PLOT SCALE = 1/2	CHECKED - GEB	REVISIONS -	
PLOT DATE = 6/8/2011	DATE - 03/31/11	REVISIONS -	

P:\08-0830 CTE TRILEVEL\900 CAD\901 DRAWINGS\08 CONTRACT\SHEET\CTI\GENERAL\DBTRI-76C51-SHT-ALIGN\TIEB-01-04.DGN