

HORIZONTAL CONTROL POINTS						
POINT	NORTHING	EASTING	STATION	OFFSET		DESCRIPTION
786	1572874.4810	1100399.8480	786+16.71	0.0007' LT		PT-PERMANENT SURVEY MARKER
810	1570582.5350	1099745.0200	810+00.37	0.1223' RT		POT-PERMANENT SURVEY MARKER
860	1565778.7920	1098372.4690	859+96.35	0.4586' RT		POT-PERMANENT SURVEY MARKER
885	1563335.6310	1097674.8270	885+40.82	0.2153' RT		BRIDGE DECK
914	1560564.3920	1096833.4230	914+22.84	0.0160' RT		PC-PERMANENT SURVEY MARKER
930	1559022.2150	1096556.3330	929+99.87	0.5788' LT		POC-PERMANENT SURVEY MARKER
940	1557960.5850	1096456.9210	940+66.61	1.1851' LT		BRIDGE DECK
950	1557027.8760	1096450.2290	949+99.68	0.6863' LT		POC-PERMANENT SURVEY MARKER
960	1555941.0270	1096538.4450	960+90.54	0.0991' RT		PT-PERMANENT SURVEY MARKER
962	1555812.9600	1096555.2000	962+19.70	0.0199' LT		PC-PERMANENT SURVEY MARKER
980	1554039.9680	1096508.1790	979+99.75	0.5634' RT		POC-PERMANENT SURVEY MARKER
995	1552542.4490	1096010.8250	995+83.06	1.8366' RT		BRIDGE DECK
1000	1552175.5940	1095814.8340	999+99.15	0.2869' RT		POC-PERMANENT SURVEY MARKER
1020	1550660.1660	1094524.8560	1019+99.48	0.0460' RT		POC-PERMANENT SURVEY MARKER
1033	1549915.6407	1093361.3204	1033+83.99			PT-PERMANENT SURVEY MARKER
1043	1549481.2320	1092462.9440	1043+84.93	0.1839' LT		PC-PERMANENT SURVEY MARKER
1060	1548585.7699	1091124.2356	1060+00.00			POC-PERMANENT SURVEY MARKER
1075	1547450.0450	1090151.7220	1075+00.10	0.1027' RT		POC-PERMANENT SURVEY MARKER
1080	1547011.4330	1089893.2180	1080+09.40	0.3378' LT		BRIDGE DECK
1086	1546461.6540	1089636.6590	1086+16.39	0.0271' RT		PT-PERMANENT SURVEY MARKER
1100	1545178.0430	1089119.5720	1100+00.24	0.0959' LT		POT-PERMANENT SURVEY MARKER
1110	1544250.6430	1088745.8910	1110+00.10	0.1019' LT		POT-PERMANENT SURVEY MARKER
1120	1543323.3440	1088372.2480	1119+99.84	0.1055' LT		POT-PERMANENT SURVEY MARKER
1130	1542395.7290	1087998.4840	1129+99.93	0.1149' LT		POT-PERMANENT SURVEY MARKER
1140	1541468.5560	1087624.8190	1039+99.56	0.0510' LT		POT-PERMANENT SURVEY MARKER
1150	1540540.3490	1087250.8900	1150+00.26	0.1287' LT		POT-PERMANENT SURVEY MARKER
1160	1539612.6670	1086877.1120	1160+00.41	0.1501' LT		POT-PERMANENT SURVEY MARKER
1167	1538919.6340	1086597.9300	1167+47.56	0.2146' LT		POT-PERMANENT SURVEY MARKER
122	1536850.0730	1085763.9040	122+31.02	0.1080' LT		PC-PERMANENT SURVEY MARKER
129	1536185.8592	1085445.0974	129+68.28	0.0169' LT		BRIDGE DECK

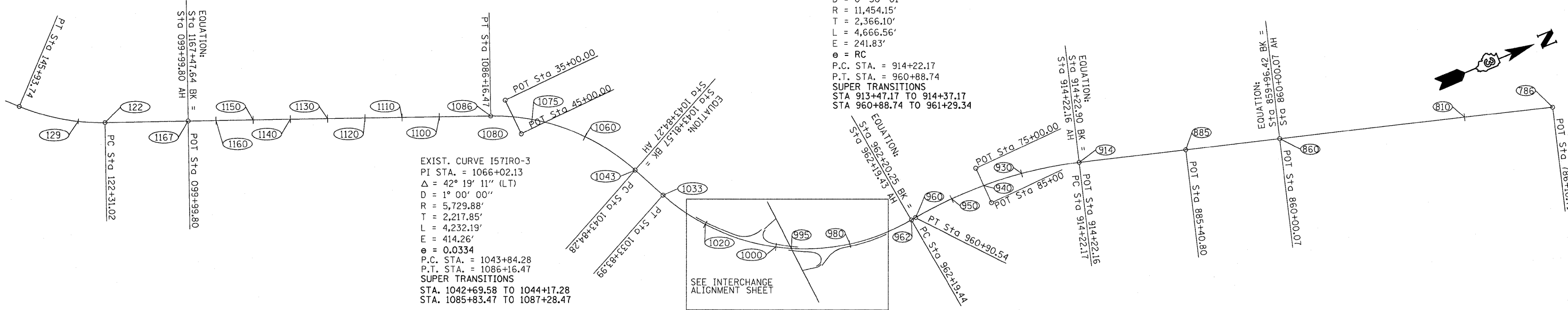
BENCHMARKS						
NO.	NORTHING	EASTING	STATION	OFFSET	ELEVATION	DESCRIPTION
914	1560564.3920	1096833.4230	914+22.84	0.0160' RT	651.86	SURV MARK-BRASS PLUG
920	1560046.3274	1096621.9782	920+00.00	125' RT	657.16	NAIL IN FENCE POST
935	1558538.9312	1096373.0732	935+00.00	125' RT	656.93	TOP ROW MARKER
939		939+50		66' RT	654.79	TOP INLET
A			NW SIDE TR 35		679.55	NW CORNER HEADWALL
950	1557027.8760	1096450.2290	950+00.00	0.0199' LT	655.07	SURV MARK-BRASS PLUG
955		955+00.00		125' RT	659.15	NAIL IN FENCE POST
960	1555941.0270	1096538.4450	960+89.00	0.0991' RT	658.88	SURV MARK-BRASS PLUG
980	1554039.9680	1096508.1790	979+99.75	0.5634' RT	663.19	SURV MARK-BRASS PLUG
996	1552556.8699	1096014.8097	995+40.00	2' RT	663.31	SW CORN NORTH ATTEN PAD
E			SE CORN SB EXIT RAMP		663.49	NW BOLT ON LIGHT BASE
F	1552511.4006	1095862.6435	SW CORN CLIFTON BR		685.76	WINGWALL
G			SE CORN CLIFTON BR		985.97	WINGWALL
H	1552645.2605	1096598.3317	NW CORN NB EXIT RAMP		671.94	SE BOLT ON LIGHT BASE
1020	1550660.1660	1094524.8560	1019+99.48	0.0460' RT	658.81	SURV MARK-BRASS PLUG
1034	1549903.1108	1093213.7387	1035+25.00	55' RT	693.40	NORTH ABUTMENT
D			SOUTH SIDE OLD 45	±150 RT	661.87	RR SPIKE TOP OF WOOD GR POST
1037			1039+50.00	20' RT	694.74	WINGWALL
1043	1549481.2320	1092462.9440	1043+84.93	0.1839' LT	686.41	SURV MARK-BRASS PLUG
1050	1549178.9190	1091903.0802	1050+20.00		673.92	SOUTH END PAVED DITCH
1056	1548904.4797	10911382.8029	1056+00.00	78' RT	665.36	BOLT ON GRATE
1065	1548292.6819	1090705.4097	1065+00.00	78' RT	664.23	BOLT ON GRATE
1070			1070+00.00	125' RT	664.44	NAIL IN FENCE POST
1075	1547450.0450	1090151.7220	1075+00.10	0.1027' RT	668.87	SURV MARK-BRASS PLUG
C			SW TR 49A		694.05	WINGWALL
1081	1546933.6611	1089754.6949	1081+15.00	75' RT	669.29	HEADWALL
1091	1546006.6095	1089472.7188	1091+00.00	10' LT	669.17	HEADWALL
1095	1545646.0736	1089295.0798	1095+05.00	11' RT	669.02	NAIL IN MEDIAN XOVER
1104	1544845.0405	1088877.1009	1104+00.00	100' RT	671.57	TOP ROW MARKER
1110	1544250.6430	1088745.8910	1110+00.10	0.1019' LT	663.28	SURV MARK-BRASS PLUG
1115	1543823.0043	1088480.7919	1115+00.00	74' RT	662.62	EAST SIDE OF SIGN
1125	1542895.6452	1088106.8157	1125+00.00	74' RT	662.67	EAST SIDE OF SIGN
1135	1542043.1221	1087762.0598	1134+20.00	74' RT	664.92	EAST SIDE OF SIGN
1145	1541129.9720	1087395.0656	1144+20.00	74' RT	669.31	EAST SIDE OF SIGN

EXIST. CURVE I571R0-4
 PI STA. = 134+29.41
 $\Delta = 23^\circ 37' 37''$ (RT)
 $D = 1^\circ 00' 00''$
 $R = 5,729.68'$
 $T = 1,198.39'$
 $L = 2,362.72'$
 $E = 123.98'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 P.C. STA. = 122+31.02
 P.T. STA. = 145+93.74

EXIST. CURVE I571R0-1
 PI STA. = 937+88.27
 $\Delta = 23^\circ 20' 35''$ (LT)
 $D = 0^\circ 30' 01''$
 $R = 11,454.15'$
 $T = 2,366.10'$
 $L = 4,666.56'$
 $E = 241.83'$
 $e = RC$
 P.C. STA. = 914+22.17
 P.T. STA. = 960+88.74
 SUPER TRANSITIONS
 STA 913+47.17 TO 914+37.17
 STA 960+88.74 TO 961+29.34

EXIST. CURVE I571R0-3
 PI STA. = 1066+02.13
 $\Delta = 42^\circ 19' 11''$ (LT)
 $D = 1^\circ 00' 00''$
 $R = 5,729.88'$
 $T = 2,217.85'$
 $L = 4,232.19'$
 $E = 414.26'$
 $e = 0.0334$
 P.C. STA. = 1043+84.28
 P.T. STA. = 1086+16.47
 SUPER TRANSITIONS
 STA. 1042+69.58 TO 1044+17.28
 STA. 1085+83.47 TO 1087+28.47

EXIST. CURVE I571R0-2
 PI STA. = 1003+55.60
 $\Delta = 71^\circ 40' 01''$ (RT)
 $D = 1^\circ 00' 01''$
 $R = 5,727.86'$
 $T = 4,136.16'$
 $L = 7,164.55'$
 $E = 1,337.28'$
 $e = 0.0334$
 P.C. STA. = 962+19.44
 P.T. STA. = 1033+83.99
 SUPER TRANSITIONS
 STA. 961+29.34 TO 962+29.34
 STA. 1033+50.99 TO 1034+95.99



FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT & SURVEY TIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwork\PIWID01\DUNCANBD\dms30392\ep5105-sht-alignment-ties.DGN	PLOT SCALE = 1/3200' / IN.	DRAWN -	REVISED -					57	(32-1,2)RS-2 & I	IROQUOIS	263	17
PLOT DATE = Oct 21, 2009 - 09:34:56 AM	DATE -	CHECKED -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 66981				
								ILLINOIS FED. AID PROJECT				