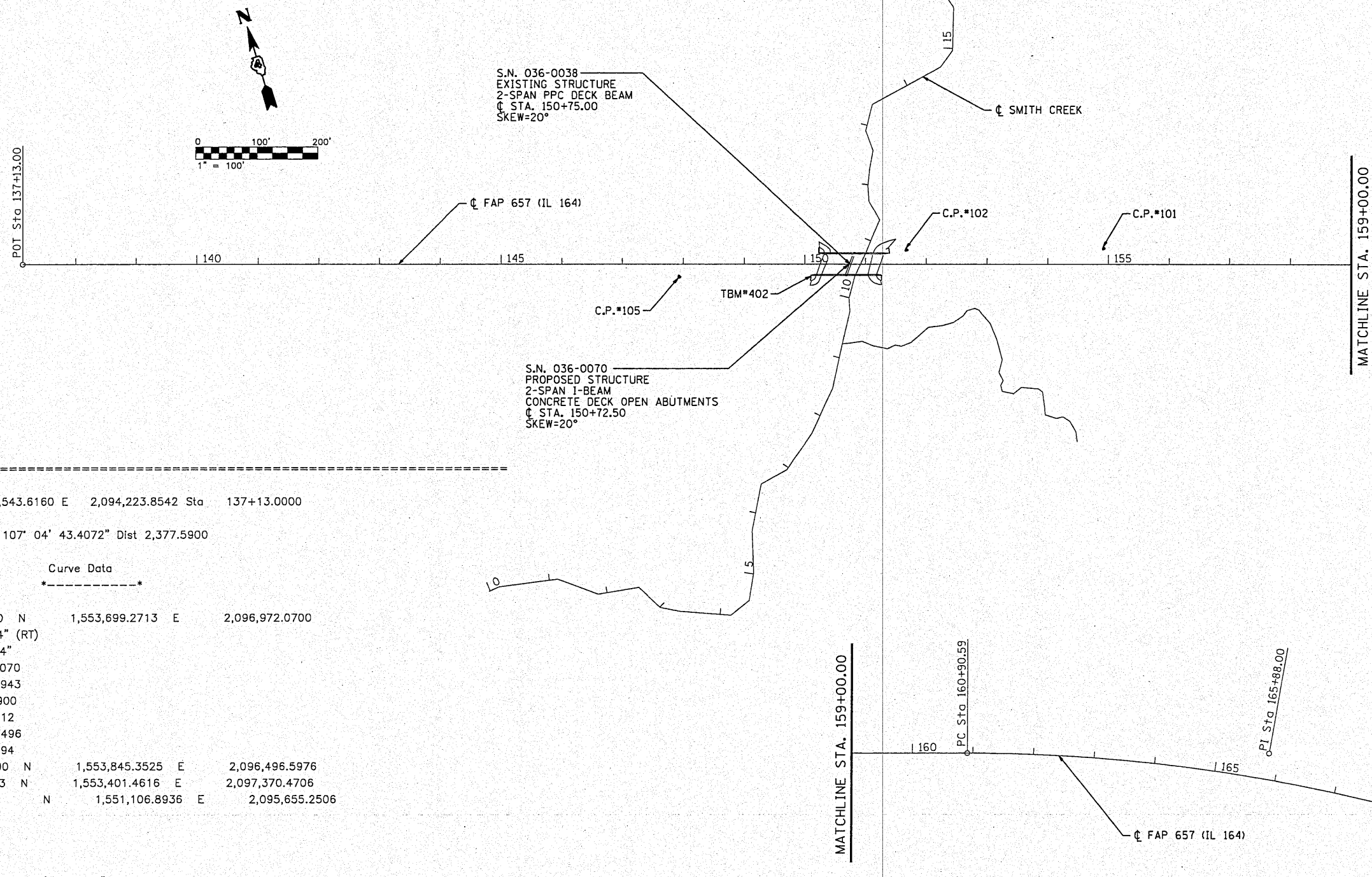




ALIGNMENT DATA IL 164

Chain IL164 contains:
IL164 CUR IL164-1 IL165

Beginning chain IL164 description

Point IL164 N 1,554,543.6160 E 2,094,223.8542 Sta 137+13.0000

Course from IL164 to PC IL164-1 107° 04' 43.4072" Dist 2,377.5900

Curve Data			

Curve IL164-1			
P.I. Station	165+87.9970 N	1,553,699.2713 E	2,096,972.0700
Delta	=	19° 41' 59.5634" (RT)	
Degree	=	1° 59' 59.9974"	
Tangent	=	497.4070	
Length	=	984.9943	
Radius	=	2,864.7900	
External	=	42.8612	
Long Chord	=	980.1496	
Mid. Ord.	=	42.2294	
P.C. Station	160+90.5900 N	1,553,845.3525 E	2,096,496.5976
P.T. Station	170+75.5843 N	1,553,401.4616 E	2,097,370.4706
C.C.	N	1,551,106.8936 E	2,095,655.2506
Back	=	107° 04' 43.4072"	
Ahead	=	126° 46' 42.9705"	
Chord Bear	=	116° 55' 43.1889"	

Course from PT IL164-1 to IL165 126° 46' 42.9705" Dist 100.0000

Point IL165 N 1,553,341.5891 E 2,097,450.5661 Sta 171+75.5843

Ending chain IL164 description

EXIST. CURVE IL164-1
PI STA. = 165+88.00
Δ = 19° 42' 00" (RT)
D = 2° 00' 00"
R = 2,864.79'
T = 497.41'
L = 984.99'
E = 42.86'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 160+90.59
P.T. STA. = 170+75.58

FILE NAME = S:\237\2008\2370800\IL164\SmithCreek\CAAD\CAAD Sheets\0468761-sht-ATB.dgn	USER NAME = rmbredle	DESIGNED - RMB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 164 OVER SMITH CREEK ALIGNMENT, TIES AND BENCHMARKS	F.A.P. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000 ' / IN.	DRAWN - WLL	REVISED -			657	(116-C)BR-1	HENDERSON	56	10	
	PLOT DATE = 10/23/2010	CHECKED - RJA	REVISED -			CONTRACT NO. 68761					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
SCALE:		SHEET NO. OF SHEETS		STA. TO STA.							