CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHTS.
21-046-01	SUSSEX	SEE TITLE SHEET	7	62

MILTON TRUCK ROUTE (S319), FROM SR 5 TO SR 30

REVISIONS

HORIZONTAL & VERTICAL CONTROL

SCALE 0 30 60 90 120 150 180

N

NOTE:
HORIZONTAL COORDINATES WERE BASED ON NAD 83.

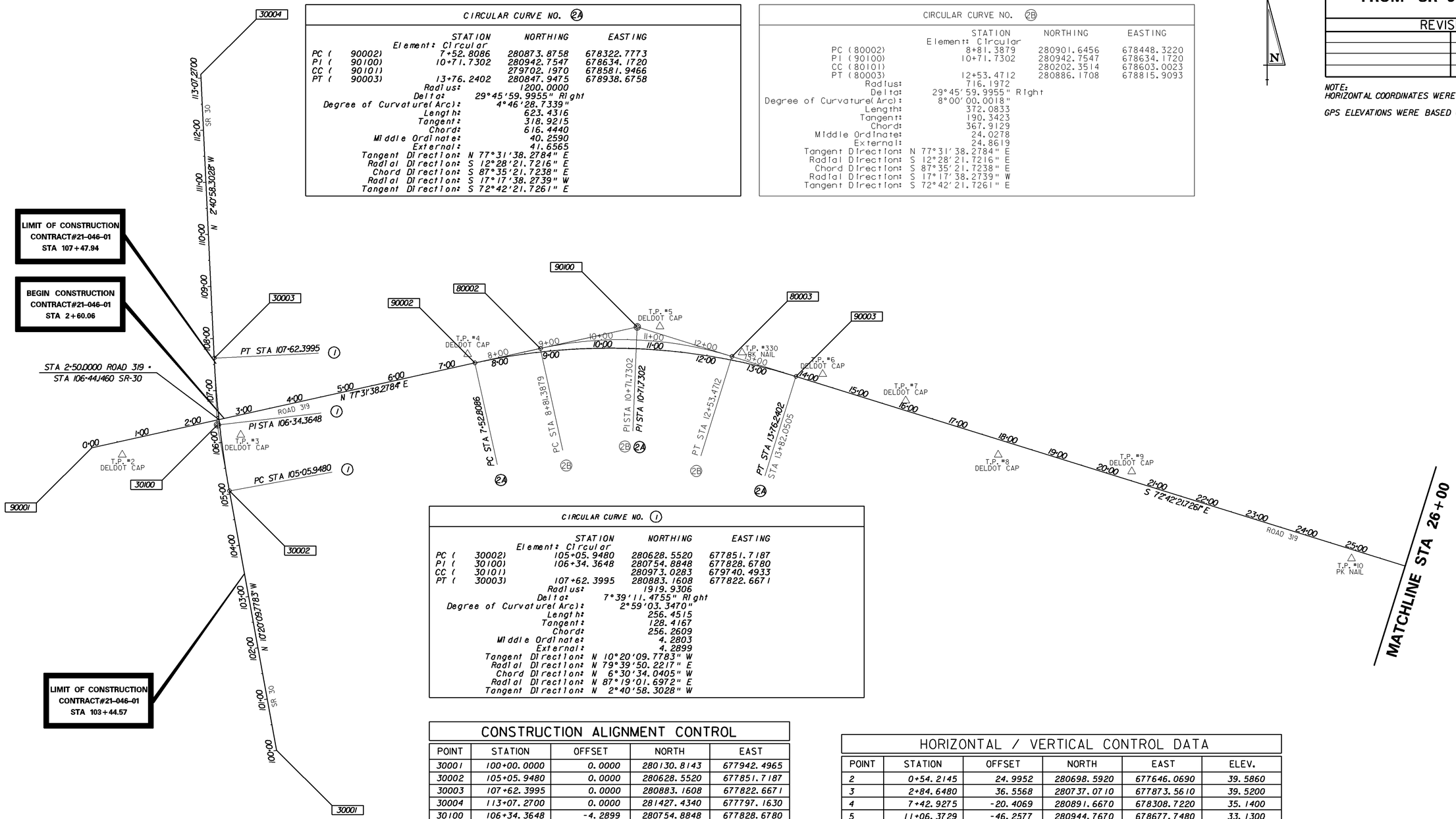
GPS ELEVATIONS WERE BASED ON NAVD 88.

CIRCULAR CURVE NO. 2A

	STATION	NORTHING	EASTING
Element: Circular			
PC (90002)	7+52.8086	280873.8758	678322.7773
PI (90100)	10+71.7302	280942.7547	678634.1720
CC (90101)		279702.1970	678581.9466
PT (90003)	13+76.2402	280847.9475	678938.6758
Radius:		1200.0000	
Delta:		29°45'59.9955" Right	
Degree of Curvature(Arc):		4°46'28.7339"	
Length:		623.4316	
Tangent:		318.9215	
Chord:		616.4440	
Middle Ordinate:		40.2590	
External:		41.6565	
Tangent Direction:		N 77°31'38.2784" E	
Radial Direction:		S 12°28'21.7216" E	
Chord Direction:		S 87°35'21.7238" E	
Radial Direction:		S 17°17'38.2739" W	
Tangent Direction:		S 72°42'21.7261" E	

CIRCULAR CURVE NO. 2B

	STATION	NORTHING	EASTING
Elements: Circular			
PC (80002)	8+81.3879	280901.6456	678448.3220
PI (90100)	10+71.7302	280942.7547	678634.1720
CC (80101)		280202.3514	678603.0023
PT (80003)	12+53.4712	280886.1708	678815.9093
Radius:		716.1972	
Delta:	29°45'59.9955" Right		
Degree of Curvature(Arc):	8°00'00.0018"		
Length:	372.0833		
Tangent:	190.3423		
Chord:	367.9129		
Middle Ordinate:	24.0278		
External:	24.8619		
Tangent Direction:	N 77°31'38.2784" E		
Radial Direction:	S 12°28'21.7216" E		
Chord Direction:	S 87°35'21.7238" E		
Radial Direction:	S 17°17'38.2739" W		
Tangent Direction:	S 72°42'21.7261" E		



CIRCULAR CURVE NO. 1

	STATION	NORTHING	EASTING
Element: Circular			
PC (30002)	105+05.9480	280628.5520	677851.7187
PI (30100)	106+34.3648	280754.8848	677828.6780
CC (30101)		280973.0283	679740.4933
PT (30003)	107+62.3995	280883.1608	677822.6671
Radius:		1919.9306	
Delta:	7°39'11.4755" Right		
Degree of Curvature(Arc):	2°59'03.3470"		
Length:	256.4515		
Tangent:	128.4167		
Chord:	256.2609		
Middle Ordinate:	4.2803		
External:	4.2899		
Tangent Direction:	N 10°20'09.7783" W		
Radial Direction:	N 79°39'50.2217" E		
Chord Direction:	N 6°30'34.0405" W		
Radial Direction:	N 87°19'01.6972" E		
Tangent Direction:	N 2°40'58.3028" W		

CONSTRUCTION ALIGNMENT CONTROL

POINT	STATION	OFFSET	NORTH	EAST
30001	100+00.0000	0.0000	280130.8143	677942.4965
30002	105+05.9480	0.0000	280628.5520	677851.7187
30003	107+62.3995	0.0000	280883.1608	677822.6671
30004	113+07.2700	0.0000	281427.4340	677797.1630
30100	106+34.3648	-4.2899	280754.8848	677828.6780
80002	8+81.3879	0.0000	280901.6456	678448.3220
80003	12+53.4712	0.0000	280886.1708	678815.9093
90001	0+00.0000	0.0000	280711.2884	677587.7357
90002	7+52.8086	0.0000	280873.8758	678322.7773
90003	13+76.2402	0.0000	280847.9475	678938.6758
90100	10+71.7302	-41.6565	280942.7547	678634.1720

HORIZONTAL / VERTICAL CONTROL DATA

POINT	STATION	OFFSET	NORTH	EAST	ELEV.
2	0+54.2145	24.9952	280698.5920	677646.0690	39.5860
3	2+84.6480	36.5568	280737.0710	677873.5610	39.5200
4	7+42.9275	-20.4069	280891.6670	678308.7220	35.1400
5	11+06.3729	-46.2577	280944.7670	678677.7480	33.1300
6	14+23.7041	-20.4361	280853.3500	678990.0690	22.2100
7	15+90.6910	-19.4882	280802.8040	679149.2250	24.1300
8	17+90.9644	27.0799	280698.8050	679326.6010	31.8600
9	20+45.0744	-18.5304	280666.8130	679582.7820	33.1300
10	24+97.3133	15.4487	280499.9310	680004.4750	31.0400
330	12+65.1746	-19.2067	280894.8010	678835.2460	24.4800

CHKD. _____ DESIGN _____ PRELI. TRACING _____

Last Modified On: 11/21/05