

ALIGNMENT DATA TR 700E
Chain ROAD contains:
41 CUR 40 CUR 39 13 CUR 38 36 43
Beginning chain ROAD description

Point 41 N 1,299,505.67 E 907,007.27 Sta 1+00.00
Course from 41 to PC 40 N 40° 54' 18.71" E Dist 136.67

Curve Data

Curve 40
P.I. Station 2+87.22 N 1,299,647.17 E 907,129.86
Delta = 8° 45' 21.99" (LT)
Degree = 8° 40' 40.84"
Tangent = 50.55
Length = 100.90
Radius = 660.24
External = 1.93
Long Chord = 100.80
Mid. Ord. = 1.93
P.C. Station 2+36.67 N 1,299,608.97 E 907,096.76
P.T. Station 3+37.57 N 1,299,689.97 E 907,156.76
C.C. N 1,300,041.30 E 906,597.75
Back = N 40° 54' 18.71" E
Ahead = N 32° 08' 56.72" E
Chord Bear = N 36° 31' 37.72" E

Course from PT 40 to PC 39 N 32° 08' 56.72" E Dist 123.99

Curve Data

Curve 39
P.I. Station 5+56.56 N 1,299,875.38 E 907,273.29
Delta = 25° 02' 20.77" (RT)
Degree = 13° 23' 32.27"
Tangent = 95.00
Length = 186.97
Radius = 427.83
External = 10.42
Long Chord = 185.48
Mid. Ord. = 10.17
P.C. Station 4+61.56 N 1,299,794.95 E 907,222.73
P.T. Station 6+48.53 N 1,299,926.86 E 907,353.13
C.C. N 1,299,567.29 E 907,584.96
Back = N 32° 08' 56.72" E
Ahead = N 57° 11' 17.49" E
Chord Bear = N 44° 40' 07.10" E

Course from PT 39 to 13 N 57° 11' 17.49" E Dist 154.15

Point 13 N 1,300,010.39 E 907,482.68 Sta 8+02.67
Course from 13 to PC 38 N 51° 19' 43.25" E Dist 68.27

Curve Data

Curve 38
P.I. Station 8+95.21 N 1,300,068.21 E 907,554.93
Delta = 39° 06' 03.59" (LT)
Degree = 83° 49' 55.91"
Tangent = 24.27
Length = 46.64
Radius = 68.35
External = 4.18
Long Chord = 45.74
Mid. Ord. = 3.94
P.C. Station 8+70.94 N 1,300,053.05 E 907,535.99
P.T. Station 9+17.59 N 1,300,091.93 E 907,560.07
C.C. N 1,300,106.41 E 907,493.28
Back = N 51° 19' 43.25" E
Ahead = N 12° 13' 39.66" E
Chord Bear = N 31° 46' 41.46" E

Course from PT 38 to 36 N 12° 13' 39.66" E Dist 58.65

Point 36 N 1,300,149.25 E 907,572.50 Sta 9+76.23
Course from 36 to 43 N 0° 16' 54.43" E Dist 198.89

Point 43 N 1,300,348.14 E 907,573.47 Sta 11+75.12

Ending chain ROAD description

ALIGNMENT DATA US 150
Chain US150 contains:
10 CUR 35 CUR 33 1
Beginning chain US150 description

Point 10 N 1,300,847.71 E 906,118.80 Sta 29+53.15
Course from 10 to PC 35 S 71° 03' 34.50" E Dist 1,071.85

Curve Data

Curve 35
P.I. Station 44+75.00 N 1,300,353.73 E 907,558.26
Delta = 0° 10' 04.31" (RT)
Degree = 0° 01' 07.15"
Tangent = 450.00
Length = 900.00
Radius = 307,192.24
External = 0.33
Long Chord = 900.00
Mid. Ord. = 0.33
P.C. Station 40+25.00 N 1,300,499.80 E 907,132.62
P.T. Station 49+25.00 N 1,300,206.42 E 907,983.46
C.C. N 1,009,939.98 E 807,422.72
Back = S 71° 03' 34.50" E
Ahead = S 70° 53' 30.20" E
Chord Bear = S 70° 58' 32.35" E

Course from PT 35 to PC 33 S 70° 53' 30.20" E Dist 200.00

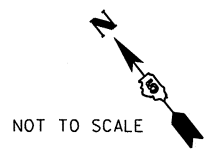
Curve Data

Curve 33
P.I. Station 55+75.00 N 1,299,993.64 E 908,597.65
Delta = 0° 09' 37.42" (LT)
Degree = 0° 01' 04.16"
Tangent = 450.00
Length = 900.00
Radius = 321,495.58
External = 0.31
Long Chord = 900.00
Mid. Ord. = 0.31
P.C. Station 51+25.00 N 1,300,140.95 E 908,172.44
P.T. Station 60+25.00 N 1,299,847.53 E 909,023.26
C.C. N 1,603,922.65 E 1,013,415.44
Back = S 70° 53' 30.20" E
Ahead = S 71° 03' 07.62" E
Chord Bear = S 70° 58' 18.91" E

Course from PT 33 to 1 S 71° 03' 07.62" E Dist 945.75

Point 1 N 1,299,540.43 E 909,917.77 Sta 69+70.75

Ending chain US150 description



FILE NAME =	USER NAME = #USER#	DESIGNED - JDS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 150 OVER SALT CREEK ALIGNMENT, TIES AND BENCHMARKS			F.A.S. RTE. 1517	SECTION 11BR-1	COUNTY PIATT	TOTAL SHEETS 48	SHEET NO. 10
#FILEL#		DRAWN - WLL	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
		CHECKED - RJA	REVISED -							CONTRACT NO. 70613		
		DATE -	REVISED -									