



CURVE 1  
 PI Sta. 51+12.35  
 $\Delta = 16^\circ 16' 03''$  (RT)  
 $D = 3^\circ 22' 13''$   
 $T = 242.97'$   
 $R = 1,700.00'$   
 $L = 482.67'$   
 $E = 17.28'$   
 PC Sta. 48+69.38  
 PT Sta. 53+52.05

**VERTICAL CONTROL (NGS MONUMENTS)**  
 AJ3064 LOCATED IN FRONT OF BOLINGBROOK FIRE STATION #4, (SOUTH SIDE OF BOUGHTON ROAD, EAST OF WEBER ROAD) 20 FEET WEST NORTHWEST OF FLAG POLE, 13 FEET NORTH OF BACK OF CURB OF FIRE STATION PARKING LOT.  
 ELEVATION = (NAVD) 204.80 METERS = 671.94 FEET  
 AA3748 LOCATED NORTH OF THE INTERSECTION OF BOUGHTON ROAD AND WEBER ROAD, ON THE WEST SIDE OF WEBER ROAD. STATION IS IN GRASSY AREA BETWEEN CURB AND SIDEWALK 5 FEET NORTHWEST OF CURB RETURN OF NORTHERLY ENTRANCE TO LUMBER YARD/HARDWARE STORE. STATION IS 29.12 FEET SOUTH OF NAIL WITH PLASTIC TAG IN POWER POLE, 5.63 FEET NORTHWEST OF CHISELED "+" ON BACK OF CURB, AND 69.05 FEET EAST OF CHISELED "+" ON LIGHT BASE.  
 ELEVATION = (NGVD) 198 METERS = 649.60 FEET

**COORDINATE TABLE**

PT #	NORTHING	EASTING
1	1833830.11	1038926.40
2	1834050.18	1039380.24
3	1834198.71	1039838.43
4	1834389.84	1041032.14
5	1835110.70	1045241.64
6	1833948.67	1045173.83
7	1834082.11	1046020.22

**NOTE:**  
 BASELINE LOCATION AND NORTHING EASTINGS ARE BASED ON AERIAL SPATIAL REFERENCE (NAD83 ILLINOIS EAST FT US), TO CONVERT TO STATE PLANE COORDINATES: ADD 4.35 FEET NORTHING AND 2.13 FEET EASTING

FILE NAME =	USER NAME = .USER.	DESIGNED - J.W	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BOUGHTON ROAD ALIGNMENT PLAN</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
m:\dgn\bb\bb04\Boughton\resurfacing\sheet\BB04A1\alignments\plan01.dgn	DRAWN - C.R	REVISED -	3586			11-00056-00-RS	WILL	35	7	
PLOT SCALE = 100.00 FT / IN.	CHECKED - E.J / D.R.	REVISED -	CONTRACT NO. 63621							
PLOT DATE = 7/28/2011	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE: 1"=100' SHEET NO. 7 OF 35 SHEETS STA. 43+65 TO STA. 100+00										