



C24
 Da = 127°19'26"
 Dc = UNDEFINED
 T = 16.92
 R = 45.00
 L = 32.38
 E = 31.88
 C = 3.08
 M = 2.88

C29
 Da = 190°59'09"
 Dc = UNDEFINED
 T = 26.84
 R = 30.00
 L = 43.57
 C = 39.84
 E = 10.12
 M = 7.57

C25
 Da = 57°17'45"
 Dc = 60°00'00"
 T = 58.08
 R = 100.00
 L = 105.23
 E = 100.44
 C = 15.64
 M = 13.53

C28
 Da = 190°59'10"
 Dc = UNDEFINED
 T = 26.61
 R = 30.00
 L = 43.54
 C = 39.82
 E = 10.10
 M = 7.56

C31
 Da = 572°57'29"
 Dc = UNDEFINED
 T = 101.44
 R = 10.00
 L = 29.45
 E = 19.90
 C = 91.93
 M = 9.02

C26
 Da = 18°47'08"
 Dc = 18°52'14"
 T = 30.30
 R = 305.00
 L = 60.40
 C = 60.30
 E = 1.50
 M = 1.49

C27
 Da = 572°57'28"
 Dc = UNDEFINED
 T = 93.18
 R = 10.00
 L = 29.28
 C = 19.89
 E = 83.71
 M = 8.93

C32
 Da = 33°46'14"
 Dc = 34°16'46"
 T = 32.99
 R = 169.86
 L = 65.16
 C = 64.76
 E = 3.18
 M = 3.12

C5
 Da = 85°08'56"
 Dc = 34°12'33"
 T = 156.18
 R = 170.00
 L = 252.64
 C = 230.03
 E = 60.85
 M = 44.81

C4
 Da = 42°51'41"
 Dc = 33°12'11"
 T = 68.69
 R = 175.00
 L = 130.91
 C = 127.88
 E = 13.00
 M = 12.10

C30
 Da = 572°57'28"
 Dc = UNDEFINED
 T = 93.18
 R = 10.00
 L = 29.28
 C = 19.89
 E = 83.71
 M = 8.93

WILL COUNTY BENCHMARKS
 STATION NAME: 316
 NGS 3-D MARKER LOCATED AT THE NORTHWEST CORNER OF
 IL. RTE. 59 AND RENWICK ROAD CONSISTING OF 9/16" DIA.
 STAINLESS STEEL ROD INSIDE GREASE FILLED 1" DIA. PVC,
 DRIVEN TO A REFUSAL DEPTH OF 8 FEET ENCLOSED IN SAND
 AND 6" PVC PIPE WITH ALUMINUM ACCESS COVER.
 HORIZONTAL DATUM: NAD 83 ILLINOIS STATE PLANE EAST ZONE
 VERTICAL DATUM: NAVD 88 FROM ELLIPSOIDAL HEIGHTS
 NORTHING: 1794747.585
 EASTING: 1020236.585
 ELEV: 605.596



USER NAME =	DESIGNED -- BD	REVISED --
PLOT SCALE =	DRAWN -- DB	REVISED --
PLOT DATE =	CHECKED -- JFM	REVISED --
	DATE -- JANUARY, 2010	REVISED --

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS
 SCALE: N.T.S. SHEET NO. 1 OF 3 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-P4015-01-BT	WILL	41	5
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63325	

W:\Planned\2010\13 Durage River Trail\cod\Phase 1\Alignment\Ties.dwg Updated by: dhusama 1/14/2010