F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	7
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

SCALE 1" = 100'
0 100 200

ELEVATION BENCHMARKS
DATUM: NAVD '88 (NAPERVILLE DATUM)

NO.	DESCRIPTION	ELEV.
233	NAPERVILLE MONUMENT 233 -BERNSTEN	646.77
	MONUMENT ON WEST SIDE OF WASHINGTON ST.	
	NORTH OF COUNTY LINE ANIMAL HOSPITAL	
OSBM 07-3	MINI RAILROAD SPIKE IN 18" TREE NORTH OF PATH IN WOODS NORTH OF WEST BRANCH DUPAGE RIVER	644.25
OSBM 07-4	MINI RAILROAD SPIKE IN NORTH FACE OF LIGHT POLE AT SOUTHWEST CORNER OF PARKING LOT IN KNOCH KNOLLS PARK JUST NORTH OF WEST BRANCH DUPAGE RIVER	650.57 634.89

ADD 0.33 TO CONVERT TO FEMA DATUM (NGVD 1929)
ADD 0.38 TO CONVERT TO DUPAGE COUNTY DATUM (NGVD 1929)

HORIZONTAL CONTROL POINTS

	CP NO	NORTHING (Y)	EASTING (X)	ELEVATION	DESCRIPTION	STATION	OFFSET
CP-XCUT	2131	1838656.10	1036733.23	638.81	XCUT	79+44.71	69.48 LT
CP-REBAR	1027	1838086.16	1036640.01	634.03	REBAR	89+75.78	109.97 LT
CP-PK	5102	1837849.44	1036685.39	634.33	PK	91+93.89	7.90 LT
CP-REBAR	2143	1837642.46	1036707.56	656.99	REBAR	93+99.96	3.36 RT
CP-REBAR	2144	1837470.94	1036887.32	646.13	XCUT	96+50.58	6.15 RT
CP-PK	5099	1837368.39	1037084.22	653.22	PK	98+73.90	7.05 LT
CP-REBAR	2145	1837275.61	1037232.59	652.57	REBAR	100+46.94	9.86 LT
CP-PK	5302	1837118.56	1037431.97	653.95	PK	103+03.39	5.67 RT
CP-REBAR	2146	1837051.45	1037586.18	650.03	REBAR	104+71.79	8.21 LT
CP-PK	1134	1837062.72	1037754.37	645.26	PK	106+12.62	96.93 LT
CP-REBAR	2147	1836914.81	1037813.54	645.21	REBAR	107+37.58	4.86 LT
CP-REBAR	1015	1836903.57	1037949.73	642.27	REBAR	108+74.11	7.62 RT
CP-REBAR	1016	1837080.55	1038190.89	644.79	REBAR	111+70.66	8.30 LT
CP-REBAR	2148	1837119.48	1038415.33	638.91	REBAR	113+99.71	6.62 LT
CP-REBAR	2149	1837226.83	1038578.14	639.49	REBAR	115+95.25	7.20 LT
CP-REBAR	2150	1837247.27	1038838.64	634.08	REBAR	118+48.69	16.76 RT
CP-REBAR	5641	1837255.99	1038833.69	634.08	REBAR	118+49.67	6.80 RT
CP-REBAR	2151	1837446.08	1038969.26	639.52	REBAR	121+14.41	14.48 RT
CP-REBAR	2152	1838020.28	1038941.60	658.46	REBAR	126+88.06	11.04 LT
CP-REBAR	2153	1838199.85	1038964.46	660.66	REBAR	128+68.99	11.13 LT
CP-REBAR	2154	1838327.89	1039613.19	657.37	REBAR	135+12.09	39.18 RT
CP-XCUT	4976	1838432.23	1040004.21	656.31	XCUT	141+54.10	108.84 RT
CP-REBAR	2155	1838451.33	1040112.77	660.18	REBAR	141+54.10	1.22 LT

PROP. CURVE ALI01-39
PI STA. =86+21.52
Δ =6° 52′ 39″ (LT)
D =45° 58′ 45″
R =124.61′
T =7.49′
L =14.96′
E =0.22′
P.C. STA =86+14.03
P.T. STA =86+28.99

PROP. CURVE ALI01-40
PI STA. =86+61.19
Δ =23° 19′ 30″ (RT)
D =36° 43′ 41″
R =156.00′
T =32.20′
L =63.51′
E =3.29′
P.C. STA =86+28.99
P.T. STA =86+92.50

PROP. CURVE ALI01-41
PI STA. =87+24.12
Δ =15° 00′ 00″ (LT)
D =57° 17′ 45″
R =100.00′
T =13.17′
L =26.18′
E =0.86′
P.C. STA =87+10.95
P.T. STA =87+37.13

PROP. CURVE ALI01-42
PI STA. =88+75.75
Δ =15° 00′ 00″ (LT)
D =57° 17′ 45″
R =100.00′
T =13.17′
L =26.18′
E =0.86′
P.C. STA =88+62.59
P.T. STA =88+88.77

PROP. CURVE ALI01-43
PI STA. =89+21.49
Δ =18° 50′ 28″ (RT)
D =57° 17′ 45″
R =100.00′
T =16.59′
L =32.88′
E =1.37′
P.C. STA =89+04.90
P.T. STA =89+37.78

PROP. CURVE ALI01-44
PI STA. =92+19.48
Δ =32° 59′ 25″ (RT)
D =54° 03′ 09″
R =106.00′
T =31.39′
L =61.03′
E =4.55′
P.C. STA =91+88.09
P.T. STA =92+49.12

PROP. CURVE ALI01-45
PI STA. =94+18.33
Δ =57° 27′ 53″ (LT)
D =54° 03′ 09″
R =106.00′
T =58.11′
L =106.31′
E =14.88′
P.C. STA =93+60.22
P.T. STA =94+66.53

PROP. CURVE ALI01-46
PI STA. =95+37.11
Δ =30° 56′ 07″ (RT)
D =57° 17′ 45″
R =100.00′
T =27.67′
L =53.99′
E =3.76′
P.C. STA =95+09.44
P.T. STA =95+63.43

PROP. CURVE ALI01-47
PI STA. =96+10.39
Δ =33° 03′ 56″ (LT)
D =54° 03′ 09″
R =106.00′
T =31.46′
L =61.17′
E =4.57′
P.C. STA =95+78.93
P.T. STA =96+40.10

PROP. CURVE ALI01-48
PI STA. =97+43.15
Δ =11° 10′ 52″ (RT)
D =27° 48′ 49″
R =206.00′
T =20.16′
L =40.20′
E =0.98′
P.C. STA =97+22.99
P.T. STA =97+63.19

PROP. CURVE ALI01-49
PI STA. =98+20.30
Δ =12° 48′ 51″ (LT)
D =21° 32′ 23″
R =266.00′
T =29.87′
L =59.49′
E =1.67′
P.C. STA =97+90.44
P.T. STA =98+49.93

PROP. CURVE ALI01-50
PI STA. =99+45.94
Δ =11° 12′ 48″ (RT)
D =27° 48′ 49″
R =206.00′
T =20.22′
L =40.32′
E =0.99′
P.C. STA =99+25.72
P.T. STA =99+66.03

PROP. CURVE ALI01-51
PI STA. =100+40.16
Δ =10° 30′ 17″ (RT)
D =27° 48′ 49″
R =206.00′
T =18.94′
L =37.77′
E =0.87′
P.C. STA =100+21.23
P.T. STA =100+59.00

PROP. CURVE ALI01-52
PI STA. =101+19.62
Δ =18° 36′ 33″ (LT)
D =22° 55′ 06″
R =250.00′
T =40.96′
L =81.20′
E =3.33′
P.C. STA =100+78.66
P.T. STA =101+59.86

PROP. CURVE ALI01-53
PI STA. =102+54.13
Δ =3° 30′ 37″ (RT)
D =5° 43′ 46″
R =1,000.00′
T =30.64′
L =61.27′
E =0.47′
P.C. STA =102+23.49
P.T. STA =102+84.76

PROP. CURVE ALI01-54
PI STA. =103+98.44
Δ =9° 37′ 51″ (LT)
D =14° 19′ 26″
R =400.00′
T =33.70′
L =67.24′
P.C. STA =103+64.74
P.T. STA =104+31.98

PROP. CURVE ALI01-55
PI STA. =104+93.29
Δ =6° 03′ 09″ (RT)
D =19° 05′ 55″
R =300.00′
T =15.86′
L =31.69′
E =0.42′
P.C. STA =104+77.43
P.T. STA =105+09.12

PROP. CURVE ALI01-56
PI STA. =106+75.80
Δ =10° 54′ 57″ (RT)
D =28° 38′ 52″
R =200.00′
T =19.11′
L =38.10′
E =0.91′
P.C. STA =106+56.69
P.T. STA =106+94.79

PROP. CURVE ALI01-57
PI STA. =107+39.00
Δ =40° 16′ 20″ (LT)
D =114° 35′ 30″
R =50.00′
T =18.33′
L =35.14′
P.C. STA =107+20.67
P.T. STA =107+55.81

PROP. CURVE ALI01-58
PI STA. =108+11.89
Δ =2° 40′ 43″ (RT)
D =11° 27′ 33″
R =500.00′
T =11.69′
L =23.38′
E =0.14′
P.C. STA =108+00.20
P.T. STA =108+23.58

PROP. CURVE ALI01-59
PI STA. =108+83.69
Δ =45° 16′ 33″ (LT)
D =54° 03′ 09″
R =106.00′
T =44.21′
L =83.76′
E =8.85′
P.C. STA =108+39.49
P.T. STA =109+23.25

PROP. CURVE ALI01-60
PI STA. =109+87.04
Δ =16° 13′ 14″ (RT)
D =57° 17′ 45″
R =100.00′
T =14.25′
L =28.31′
E =1.01′
P.C. STA =109+72.79
P.T. STA =110+01.10

PROP. CURVE ALI01-61
PI STA. =110+23.13
Δ =7° 06′ 06″ (LT)
D =57° 17′ 45″
R =100.00′
T =6.21′
L =12.39′
E =0.19′
P.C. STA =110+16.93
P.T. STA =110+29.32

PROP. CURVE ALI01-62
PI STA. =111+68.70
Δ =25° 20′ 39″ (RT)
D =28° 38′ 52″
R =200.00′
T =44.97′
L =88.47′
E =4.99′
P.C. STA =111+23.73
P.T. STA =112+12.20

PROP. CURVE ALI01-63
PI STA. =113+16.19
Δ =4° 42′ 21″ (RT)
D =11° 27′ 33″
R =500.00′
T =20.54′
L =41.07′
E =0.42′
P.C. STA =112+95.64
P.T. STA =113+36.71

PROP. CURVE ALI01-64
PI STA. =113+90.78
Δ =35° 12′ 12″ (LT)
D =47° 44′ 47″
R =120.00′
T =38.07′
L =73.73′
E =5.89′
P.C. STA =113+52.71
P.T. STA =114+26.44

PROP. CURVE ALI01-65
PI STA. =115+26.62
Δ =13° 54′ 37″ (RT)
D =54° 03′ 09″
R =106.00′
T =12.93′
L =25.73′
E =0.79′
P.C. STA =115+13.69
P.T. STA =115+39.42

PROP. CURVE ALI01-66
PI STA. =116+14.24
Δ =18° 05′ 07″ (RT)
D =28° 38′ 52″
R =200.00′
T =31.83′
L =63.13′
E =2.52′
P.C. STA =115+82.41
P.T. STA =116+45.54

PROP. CURVE ALI01-67
PI STA. =117+16.89
Δ =3° 37′ 16″ (RT)
D =9° 32′ 57″
R =600.00′
T =18.97′
L =37.92′
E =0.30′
P.C. STA =116+97.93
P.T. STA =117+35.85

PROP. CURVE ALI01-68
PI STA. =118+47.00
Δ =56° 38′ 53″ (LT)
D =76° 23′ 40″
R =75.00′
T =40.42′
L =74.15′
E =10.20′
P.C. STA =118+06.58
P.T. STA =118+80.73

PROP. CURVE ALI01-69
PI STA. =119+27.06
Δ =60° 51′ 35″ (RT)
D =114° 35′ 30″
R =50.00′
T =29.37′
L =53.11′
E =7.99′
P.C. STA =118+97.69
P.T. STA =119+50.80

PROP. CURVE ALI01-70
PI STA. =120+06.49
Δ =92° 19′ 39″ (LT)
D =190° 59′ 09″
R =30.00′
T =31.24′
L =48.34′
E =13.32′
P.C. STA =119+75.25
P.T. STA =120+23.59

PROP. CURVE ALI01-71
PI STA. =126+26.75
Δ =13° 07′ 22″ (RT)
D =27° 48′ 49″
R =206.00′
T =23.69′
L =47.18′
E =1.36′
P.C. STA =126+03.06
P.T. STA =126+50.24

PROP. CURVE ALI01-72
PI STA. =127+17.21
Δ =23° 18′ 39″ (LT)
D =54° 03′ 09″
R =106.00′
T =21.87′
L =43.13′
E =2.23′
P.C. STA =126+95.35
P.T. STA =127+38.47

PROP. CURVE ALI01-73
PI STA. =127+84.59
Δ =28° 58′ 28″ (RT)
D =54° 03′ 09″
R =106.00′
T =27.39′
L =53.60′
E =3.48′
P.C. STA =127+57.20
P.T. STA =128+10.80

PROP. CURVE ALI01-74
PI STA. =128+91.31
Δ =64° 17′ 12″ (RT)
D =75° 23′ 21″
R =76.00′
T =47.75′
L =85.27′
E =13.76′
P.C. STA =128+43.55
P.T. STA =129+28.82

PROP. CURVE ALI01-75
PI STA. =130+54.99
Δ =2° 29′ 42″ (LT)
D =5° 41′ 43″
R =1,006.00′
T =21.91′
L =43.81′
E =0.24′
P.C. STA =129+83.08
P.T. STA =130+26.89

PROP. CURVE ALI01-76
PI STA. =130+80.45
Δ =2° 50′ 16″ (RT)
D =5° 41′ 43″
R =1,006.00′
T =24.92′
L =49.82′
E =0.31′
P.C. STA =130+55.53
P.T. STA =131+05.35

PROP. CURVE ALI01-77
PI STA. =132+55.39
Δ =5° 30′ 52″ (LT)
D =11° 19′ 24″
R =506.00′
T =24.37′
L =48.70′
E =0.59′
P.C. STA =132+31.03
P.T. STA =132+79.72

PROP. CURVE ALI01-78
PI STA. =134+69.71
Δ =30° 27′ 32″ (RT)
D =38° 11′ 50″
R =150.00′
T =40.84′
L =79.74′
E =5.46′
P.C. STA =134+28.87
P.T. STA =135+08.61

PROP. CURVE ALI01-79
PI STA. =135+98.27
Δ =14° 06′ 28″ (RT)
D =27° 48′ 49″
R =206.00′
T =25.49′
L =50.72′
E =1.57′
P.C. STA =135+72.78
P.T. STA =136+23.50

PROP. CURVE ALI01-80
PI STA. =136+87.67
Δ =23° 23′ 33″ (LT)
D =54° 03′ 09″
R =106.00′
T =21.94′
L =43.28′
E =2.25′
P.C. STA =136+65.73
P.T. STA =137+09.00

PROP. CURVE ALI01-81
PI STA. =137+49.03
Δ =21° 32′ 18″ (RT)
D =54° 03′ 09″
R =106.00′
T =20.16′
L =39.85′
E =1.90′
P.C. STA =137+28.86
P.T. STA =137+68.71

PROP. CURVE ALI01-82
PI STA. =138+36.18
Δ =27° 39′ 56″ (RT)
D =54° 03′ 09″
R =106.00′
T =26.10′
L =51.18′
E =3.17′
P.C. STA =138+10.08
P.T. STA =138+61.26

PROP. CURVE ALI01-83
PI STA. =140+25.02
Δ =44° 01′ 46″ (RT)
D =114° 35′ 30″
R =50.00′
T =20.22′
L =38.42′
E =3.93′
P.C. STA =140+04.80
P.T. STA =140+43.22

PROP. CURVE ALI01-84
PI STA. =140+71.30
Δ =28° 28′ 17″ (LT)
D =190° 59′ 09″
R =30.00′
T =7.61′
L =14.91′
E =0.95′
P.C. STA =140+63.69
P.T. STA =140+78.60

PROP. CURVE ALI01-85
PI STA. =141+00.63
Δ =65° 31′ 50″ (RT)
D =636° 37′ 11″
R =9.00′
T =5.79′
L =10.29′
E =1.70′
P.C. STA =140+94.83
P.T. STA =141+05.13

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: VERT.
HORIZ. 1" = 100'
DATE 3/30/2009

DRAWN BY EDT
CHECKED BY LMF

PLAN — SURVEYED, DRAWN, TRACED, GRADES CHECKED, BASE MAP, NOTE BOOK, NO.
PROFILE — SURVEYED, DRAWN, TRACED, GRADES CHECKED, BASE MAP, NOTE BOOK, NO.
BY / DATE / STRUCTURE NOTATION CHKD / FILE NAME

3/30/2009

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