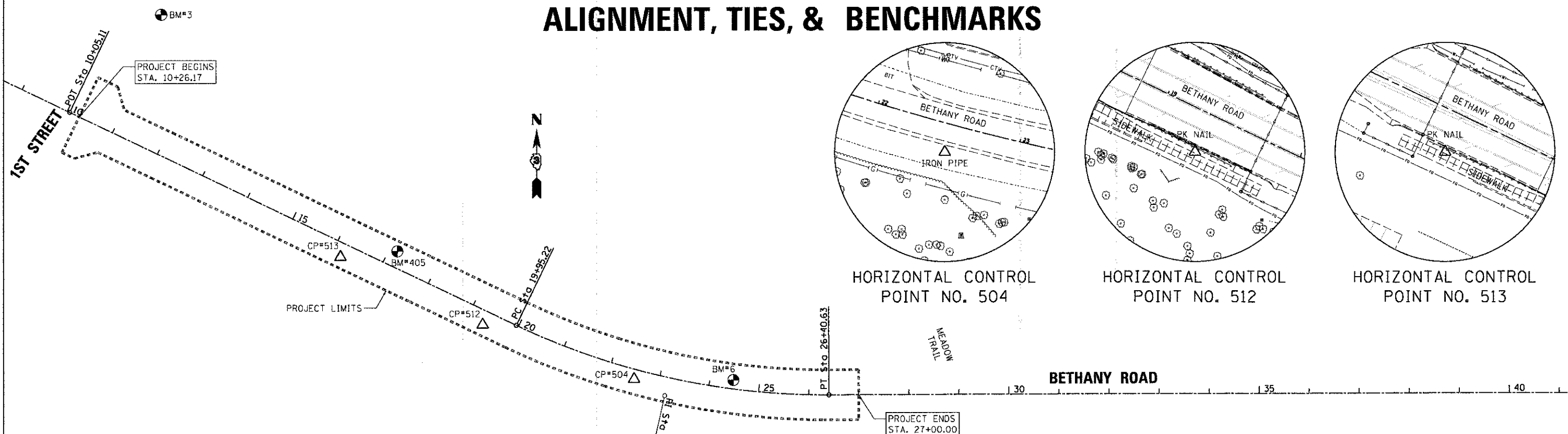


ALIGNMENT, TIES, & BENCHMARKS



LEGEND

- = BENCH MARK LOCATION
- = HORIZONTAL CONTROL POINT LOCATION

Curve Data

Curve BRPR-2
 P.I. Station 23+23.50 N 1,930,479.10 E 875,018.19
 Delta = 25° 48' 58" (LT)
 Degree = 4° 00' 00"
 Tangent = 328.28'
 Length = 645.41'
 Radius = 1432.40'
 External = 37.14'
 Long Chord = 639.88'
 Mid. Ord. = 36.39'
 P.C. Station 19+95.22 N 1,930,621.18 E 874,722.25
 P.T. Station 26+40.63 N 1,930,480.08 E 875,346.47
 C.C. N 1,931,912.48 E 875,342.19

HORIZONTAL CONTROL POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
504	1930512.507	874957.604		BRPR	22+52.33	19.433' RT	IRON PIPE WITH CAP
512	1930622.556	874654.918		BRPR	19+33.92	27.900' RT	PK NAIL
513	1930759.179	874370.902		BRPR	16+18.75	27.665' RT	PK NAIL

SURVEY WORK POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
1	1931132.221	873798.018	841.610	BRPR	9+40.85	60.700' LT	PK NAIL IN PATH
7	1930651.934	874607.578	837.809	BRPR	18+78.53	21.904' RT	SURVEY POINT, HUB
11	1930549.928	874839.563	839.985	BRPR	21+30.14	19.898' RT	SURVEY POINT, HUB
13	1930508.161	875297.651	840.941	BRPR	25+90.94	27.378' LT	SURVEY POINT, HUB
15	1930451.320	875578.616	842.702	BRPR	28+72.69	29.457' RT	PK NAIL NORTH OF ISLAND

CURVE POINT NUMBERS

CHAIN	CURVE	PI	CC	PC	PT
BRPR	BRPR-2	210	211	212	213

BENCH MARKS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
3	1931244.621	874012.450	841.927	BRPR	10+85.52	254.833' LT	IRON PIPE WITH CAP
6	1930510.202	875155.480	840.672	BRPR	24+46.75	17.750' LT	IRON PIPE WITH CAP
405	1930770.301	874484.712	838.660	BRPR	17+16.54	31.628' LT	CHISLED "□" ON NORTHWEST ABUTMENT

REFERENCE TIES

POINT	CHAIN	STATION	OFFSET	DESCRIPTION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES & BENCHMARKS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5355	10-00167-01-WR	DEKALB	78	18

CONTRACT NO. 87544

WILLS BURKE KELSEY ASSOCIATES LTD.
116 West Main Street, Suite 201
St. Charles, Illinois 60174

USER NAME = nparris	DESIGNED -	REVISED -
PLT SCALE = 1:100	DRAWN - NDP	REVISED -
PLT DATE = 12/28/2012	CHECKED - DPB	REVISED -
	DATE = 12/21/12	REVISED -

SCALE: 1"=100' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT