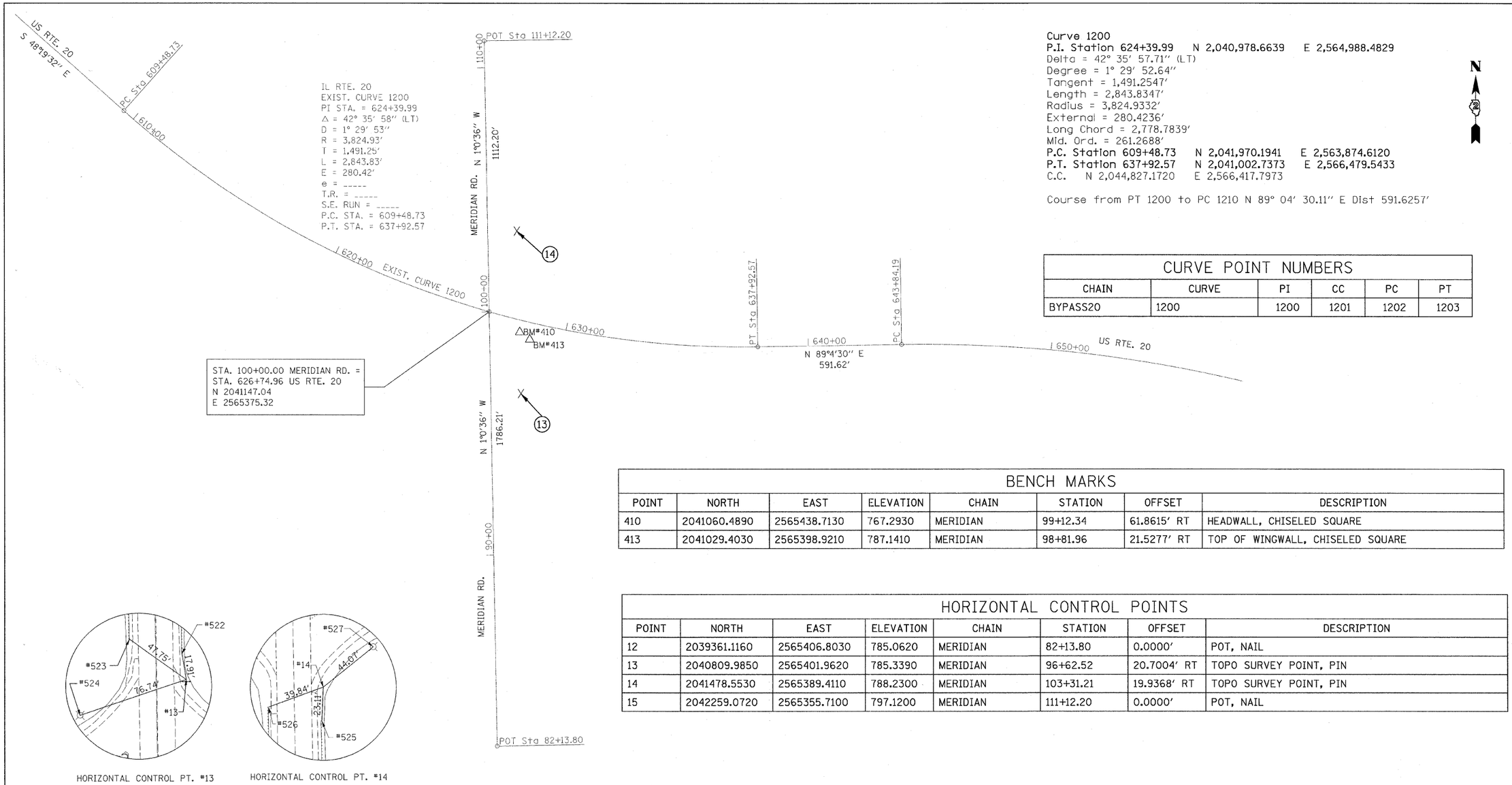

HORIZONTAL CONTROL PT. #13

HORIZONTAL CONTROL PT. #14

Curve 1200
P.I. Station 624+39.99 N 2,040,978.6639 E 2,564,988.4829
Delta = 42° 35' 57.71" (LT)
Degree = 1° 29' 52.64"
Tangent = 1,491.2547'
Length = 2,843.8347'
Radius = 3,824.9332'
External = 280.4236'
Long Chord = 2,778.7839'
Mid. Ord. = 261.2688'
P.C. Station 609+48.73 N 2,041,970.1941 E 2,563,874.6120
P.T. Station 637+92.57 N 2,041,002.7373 E 2,566,479.5433
C.C. N 2,044,827.1720 E 2,566,417.7973

Course from PT 1200 to PC 1210 N 89° 04' 30.11" E Dist 591.6257'

CURVE POINT NUMBERS

CHAIN	CURVE	PI	CC	PC	PT
BYPASS20	1200	1200	1201	1202	1203

BENCH MARKS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
410	2041060.4890	2565438.7130	767.2930	MERIDIAN	99+12.34	61.8615' RT	HEADWALL, CHISELED SQUARE
413	2041029.4030	2565398.9210	787.1410	MERIDIAN	98+81.96	21.5277' RT	TOP OF WINGWALL, CHISELED SQUARE

HORIZONTAL CONTROL POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
12	2039361.1160	2565406.8030	785.0620	MERIDIAN	82+13.80	0.0000'	POT, NAIL
13	2040809.9850	2565401.9620	785.3390	MERIDIAN	96+62.52	20.7004' RT	TOPO SURVEY POINT, PIN
14	2041478.5530	2565389.4110	788.2300	MERIDIAN	103+31.21	19.9368' RT	TOPO SURVEY POINT, PIN
15	2042259.0720	2565355.7100	797.1200	MERIDIAN	111+12.20	0.0000'	POT, NAIL

REFERENCE TIES

POINT	CHAIN	STATION	OFFSET	DESCRIPTION
522	MERIDIAN	96+80.24	18.0803' RT	GUARDRAIL STEEL PLATE BEAM, END
523	MERIDIAN	96+90.80	17.7772' LT	GUARDRAIL STEEL PLATE BEAM, END
524	MERIDIAN	96+39.36	52.4604' LT	LIGHT POLE
525	MERIDIAN	103+08.14	18.6079' RT	GUARDRAIL STEEL PLATE BEAM, END
526	MERIDIAN	103+18.29	17.7537' LT	GUARDRAIL STEEL PLATE BEAM, END
527	MERIDIAN	103+58.45	54.6314' RT	LIGHT POLE

Chain MERIDIAN contains:
12 15

Beginning chain MERIDIAN description

Point 12 N 2,039,361.1160 E 2,565,406.8030 Sta 82+13.80

Course from 12 to 15 N 1° 00' 36.22" W Dist 2,898.4064'

Point 15 N 2,042,259.0720 E 2,565,355.7100 Sta 111+12.20

Ending chain MERIDIAN description

200 0 200 400 600 800 1000
SCALE IN FEET

HARRY O. HEFTER-ASSOCIATES, INC. DESIGN AND CONSULTING ENGINEERS
55 East Jackson Blvd. Suite 600 Chicago, Il 60604 312-346-8131

PROJECT NUMBER 2945

FILE NAME = H:\Projects\2945\DGNS\D9209507\Z09507HVC1.dgn	USER NAME = $USER$	DESIGNED - AAF	REVISED -
		DRAWN - AAF	REVISED -
	PLOT SCALE = 200.0000 ' / IN.	CHECKED - BAP	REVISED -
	PLOT DATE = 11/13/2009	DATE - 2/02/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MERIDIAN ROAD
ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=200' | SHEET NO. 1 OF 1 SHEETS | STA. 96+70 | TO STA. 103+30

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	1-HBR-2	WINNEBAGO	57	7
		CONTRACT NO. 64D50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

HVC1