



**BENCHMARKS**  
 ELEVATIONS BASED ON PLANS PROVIDED BY IDOT - (FAU 0126 "PINGREE ROAD" AND FAP 305 "NORTHWEST HIGHWAY/US 14", SECTION 95-00090-01-FP, PROJECT M-8003(328), McHENRY COUNTY, JOB NO. C-91-647-10), CONTRACT NO. 63519

- BM - 200: THE "LL"'S IN MUELLER ON THE FIRST HYDRANT NORTH OF OAK HOLLOW ROAD ON THE WEST SIDE OF PINGREE ROAD  
ELEVATION = 920.06
- BM - 201: THE "LL"'S IN MUELLER ON THE FIRST HYDRANT WEST OF PINGREE ROAD ON THE NORTH SIDE OF OAK HOLLOW ROAD  
ELEVATION = 918.05
- BM - 202: THE "LL"'S IN MUELLER ON THE FIRST HYDRANT NORTH OF THE UNION PACIFIC RAILROAD TRACKS ON THE WEST SIDE OF PINGREE ROAD  
ELEVATION = 914.62
- BM - 203: THE "LL"'S IN MUELLER ON THE FIRST HYDRANT SOUTH OF THE UNION PACIFIC RAILROAD TRACKS ON THE EAST SIDE OF PINGREE ROAD  
ELEVATION = 913.20
- BM - 204: THE "LL"'S IN MUELLER ON THE SECOND HYDRANT SOUTH OF THE UNION PACIFIC RAILROAD ON THE EAST SIDE OF PINGREE ROAD  
ELEVATION = 898.36
- HLR BM 4: IDOT PROVIDED BENCHMARK - FOUND SQUARE CUT ON THE NORTHEAST CORNER OF THE CONCRETE SLAB ON THE NORTH SIDE OF THE PUMP HOUSE LOCATED JUST NORTH OF CONGRESS PARKWAY ON THE WEST SIDE OF PINGREE ROAD  
ELEVATION = 896.30
- BM - 206: THE "LL"'S IN MUELLER ON THE THIRD HYDRANT WEST OF PINGREE ROAD ON THE NORTHERLY SIDE OF CONGRESS PARKWAY  
ELEVATION = 906.26
- BM - 207: THE "LL"'S IN MUELLER ON THE SECOND HYDRANT WEST OF PINGREE ROAD ON THE NORTH SIDE OF CONGRESS PARKWAY  
ELEVATION = 904.30
- BM - 208: THE "LL"'S IN MUELLER ON THE FIRST HYDRANT SOUTH OF CONGRESS PARKWAY ON THE EAST SIDE OF PINGREE ROAD  
ELEVATION = 903.82
- BM - 209: THE "LL"'S IN MUELLER ON THE FIRST HYDRANT SOUTH OF COG CIRCLE ON THE EAST SIDE OF PINGREE ROAD  
ELEVATION = 908.64

EXISTING CURVE 1  
 PI STA. = 237+51.40  
 $\Delta = 60^\circ 22' 44''$  (RT)  
 $D = 8^\circ 48' 53''$   
 $R = 650.00'$   
 $T = 378.15'$   
 $L = 684.98'$   
 $E = 101.99'$   
 P.C. STA. = 233+73.25  
 P.T. STA. = 240+58.23

EXISTING CURVE 2  
 PI STA. = 244+99.04  
 $\Delta = 60^\circ 28' 50''$  (LT)  
 $D = 11^\circ 27' 33''$   
 $R = 500.00'$   
 $T = 291.48'$   
 $L = 527.79'$   
 $E = 78.76'$   
 P.C. STA. = 242+07.56  
 P.T. STA. = 247+35.35

**MILLENNIA PROFESSIONAL SERVICES**  
 200 22ND Street, Suite 216, Lombard, IL 60148  
 630.785.0110 voice, 630.839.2566 fax  
 www.mps-ill.com

|                    |           |
|--------------------|-----------|
| DESIGNED - CJD/TVN | REVISED - |
| DRAWN - CJD        | REVISED - |
| CHECKED - TVN      | REVISED - |
| DATE - 08-29-2011  | REVISED - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PINGREE ROAD WIDENING**  
**ALIGNMENT, TIES, AND BENCHMARKS**  
 SCALE: 1"=100' SHEET NO. 12 OF 89 SHEETS STA. TO STA.

| F.A.U. RTE.        | SECTION        | COUNTY  | TOTAL SHEETS                | SHEET NO. |
|--------------------|----------------|---------|-----------------------------|-----------|
| 126                | 95-00090-01-FP | McHENRY | 92                          | 12        |
| CONTRACT NO. 63519 |                |         | [ILLINOIS] FED. AID PROJECT |           |