

EXIST. Curve WILLOW-1  
 PI STA. = 98+79.26  
 $\Delta = 40^\circ 30' 18''$  (LT)  
 $D = 11^\circ 27' 32''$   
 $R = 500.00'$   
 $T = 184.48'$   
 $L = 353.47'$   
 $E = 32.94'$   
 P.C. STA. = 96+94.78  
 P.T. STA. = 100+48.25  
 DESIGN SPEED = 40 MPH

EXIST. CURVE WILLOW-2  
 PI STA. = 103+35.89  
 $\Delta = 4^\circ 18' 37''$  (LT)  
 $D = 11^\circ 27' 32.96''$   
 $R = 500.00'$   
 $T = 18.81'$   
 $L = 37.61'$   
 $E = 0.35'$   
 P.C. STA. = 103+17.07  
 P.T. STA. = 103+54.69  
 DESIGN SPEED = 40 MPH

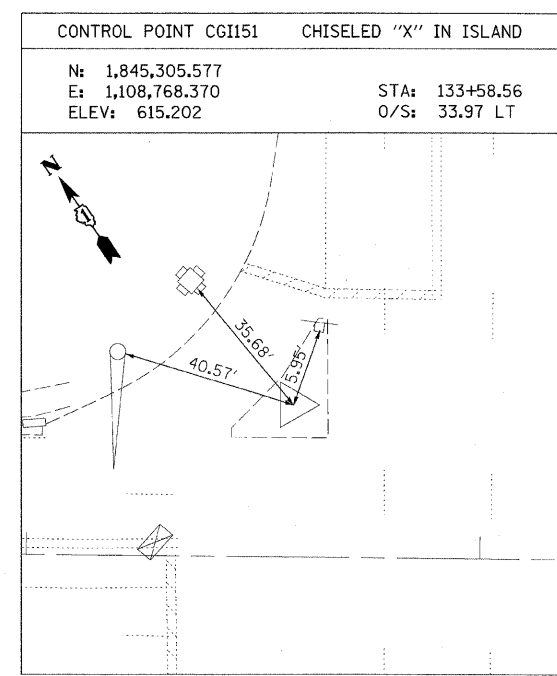
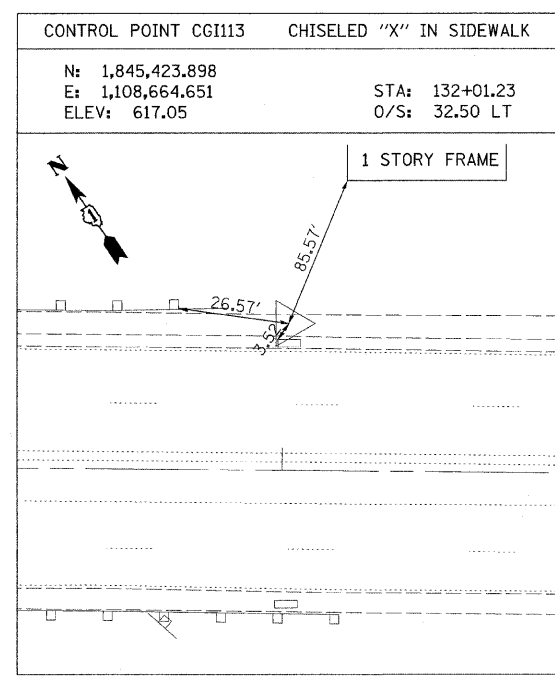
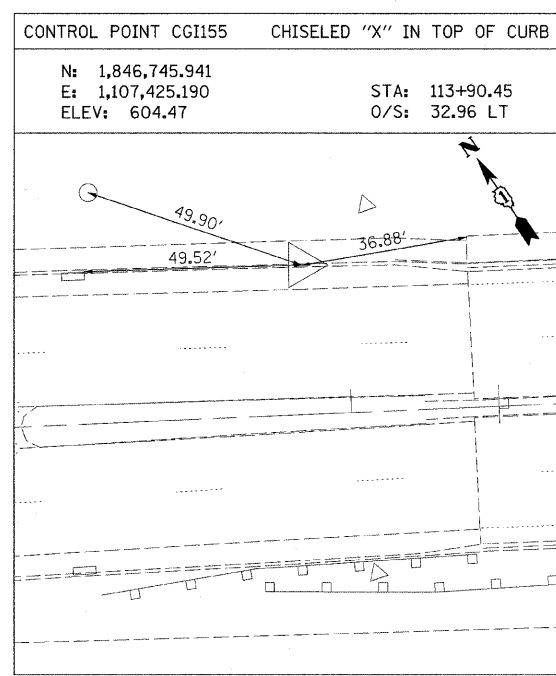
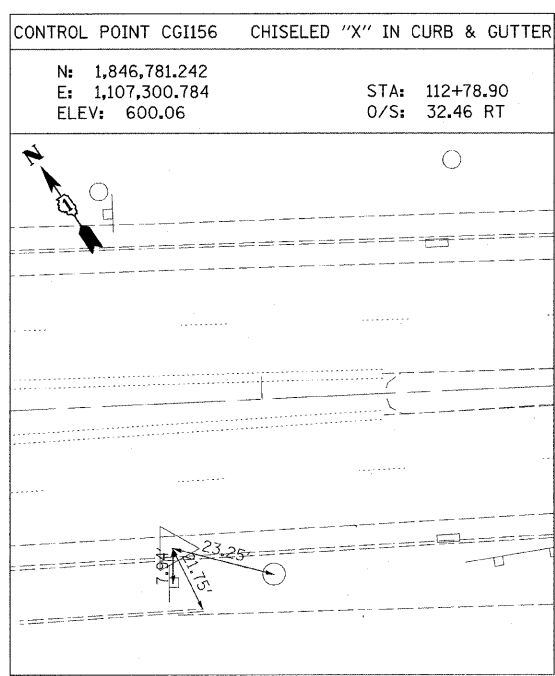
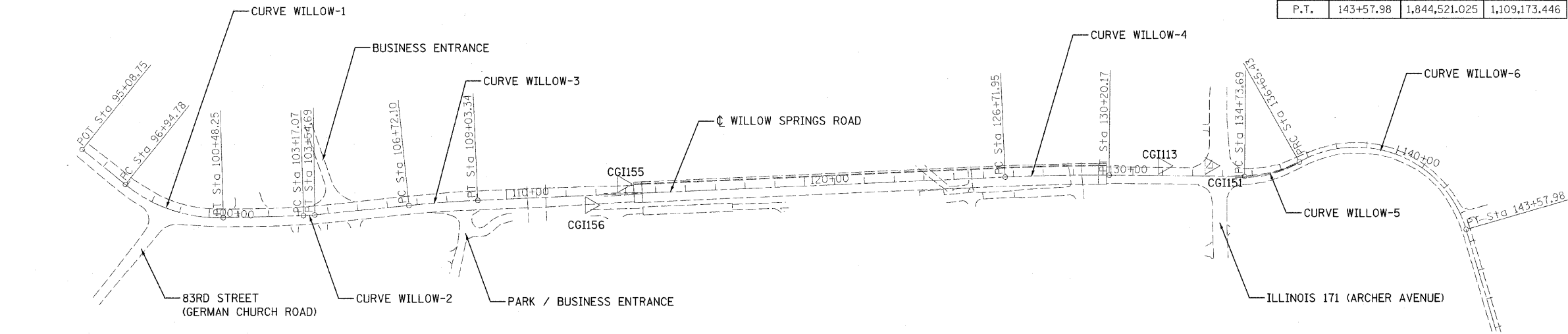
EXIST. CURVE WILLOW-3  
 PI STA. = 107+87.75  
 $\Delta = 3^\circ 18' 44''$  (RT)  
 $D = 1^\circ 25' 56''$   
 $R = 4,000.00'$   
 $T = 115.65'$   
 $L = 231.24'$   
 $E = 1.67'$   
 P.C. STA. = 106+72.10  
 P.T. STA. = 109+03.34  
 DESIGN SPEED = 40 MPH

EXIST. CURVE WILLOW-4  
 PI STA. = 128+46.10  
 $\Delta = 3^\circ 04' 10''$  (RT)  
 $D = 0^\circ 52' 53''$   
 $R = 6,500.00'$   
 $T = 174.15'$   
 $L = 348.22'$   
 $E = 2.33'$   
 P.C. STA. = 126+71.95  
 P.T. STA. = 130+20.17  
 DESIGN SPEED = 40 MPH

EXIST. CURVE WILLOW-5  
 PI STA. = 135+71.70  
 $\Delta = 29^\circ 17' 44''$  (LT)  
 $D = 15^\circ 16' 44''$   
 $R = 375.00'$   
 $T = 98.01'$   
 $L = 191.74'$   
 $E = 12.60'$   
 P.C. STA. = 134+73.69  
 P.T. STA. = 136+65.43  
 DESIGN SPEED = 40 MPH

EXIST. CURVE WILLOW-6  
 PI STA. = 141+50.01  
 $\Delta = 103^\circ 03' 59''$  (RT)  
 $D = 14^\circ 52' 55''$   
 $R = 385.00'$   
 $T = 484.58'$   
 $L = 692.56'$   
 $E = 233.91'$   
 P.C. STA. = 136+65.43  
 P.T. STA. = 143+57.98  
 DESIGN SPEED = 40 MPH

| WILLOW ROUTE CENTERLINE |           |               |               |
|-------------------------|-----------|---------------|---------------|
| DESCRIPTION             | NORTHING  | EASTING       |               |
| P.O.T.                  | 95+08.75  | 1,848,182.889 | 1,106,318.209 |
| P.C.                    | 96+94.78  | 1,847,997.005 | 1,106,325.570 |
| P.T.                    | 100+48.25 | 1,847,677.243 | 1,106,458.152 |
| P.C.                    | 103+17.07 | 1,847,479.915 | 1,106,640.705 |
| P.T.                    | 103+54.69 | 1,847,453.290 | 1,106,667.263 |
| P.C.                    | 106+72.10 | 1,847,237.150 | 1,106,899.720 |
| P.T.                    | 109+03.34 | 1,847,074.885 | 1,107,064.422 |
| P.C.                    | 126+71.95 | 1,845,797.750 | 1,108,287.903 |
| P.T.                    | 130+20.17 | 1,845,539.965 | 1,108,521.945 |
| P.C.                    | 134+73.69 | 1,845,196.146 | 1,108,817.690 |
| P.R.C.                  | 136+65.43 | 1,845,090.348 | 1,108,975.096 |
| P.T.                    | 143+57.98 | 1,844,521.025 | 1,109,173.446 |



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