



PROP. CURVE  
 PI STA. = 81+28.67  
 $\Delta = 3^\circ 02' 09''$  (RT)  
 D = 12° 27' 49"  
 R = 459.70'  
 T = 12.18'  
 L = 24.36'  
 E = 0.16'  
 e = NORMAL CROWN  
 P.C. STA. = 81+16.49  
 P.T. STA. = 81+40.85

PROP. CURVE  
 PI STA. = 80+71.44  
 $\Delta = 65^\circ 36' 36''$  (LT)  
 D = 63° 39' 43"  
 R = 90.00'  
 T = 58.01'  
 L = 103.06'  
 E = 17.08'  
 e = NORMAL CROWN  
 P.C. STA. = 80+13.43  
 P.T. STA. = 81+16.49

CONTROL POINT #900  
 N = 1702452.453  
 E = 798377.774

PROP. CURVE  
 PI STA. = 184+48.25  
 $\Delta = 13^\circ 24' 30''$  (RT)  
 D = 4° 46' 29"  
 R = 1,200.00'  
 T = 141.06'  
 L = 280.82'  
 E = 8.26'  
 e = NORMAL CROWN  
 P.C. STA. = 183+07.20  
 P.T. STA. = 185+88.02

STA. 285+87.22 PI  
 N = 1702286.375  
 E = 798368.620

STA. 185+88.02, PT  
 N = 1702278.627  
 E = 798368.400

STA. 186+38.02 IL ROUTE 178  
 (RELOCATED)

STA. 286+42.98 TEMPORARY RUNAROUND  
 N = 1702228.647  
 E = 798366.978

CONTROL POINT #9  
 N = 1701670.503  
 E = 798351.834

STA. 184+41.17 IL ROUTE 178  
 (RELOCATED)

STA. 92+42.13 JOHNSON STREET  
 N = 1702425.310  
 E = 798363.593

STA. 184+48.25, PI  
 N = 1702419.625  
 E = 798372.410

STA. 183+90.60 IL ROUTE 178  
 (RELOCATED)

STA. 95+00.00 GRIFFIN STREET  
 N = 1702475.541  
 E = 798357.790

STA. 283+07.08, PI  
 N = 1702557.829  
 E = 798343.590

STA. 183+07.20, PC  
 N = 1702557.711  
 E = 798343.615

STA. 80+71.44, PI  
 N = 1702784.495  
 E = 798369.302

99°00'00" TO LOCAL TANGENT

STA. 81+16.49, PT, PC  
 N = 1702841.108  
 E = 798381.968

STA. 81+40.85, PT  
 N = 1702864.726  
 E = 798387.913

STA. 82+77.38  
 N = 1702996.194  
 E = 798424.735

STA. 81+28.67, PI  
 N = 1702852.996  
 E = 798384.628

STA. 80+13.43  
 N = 1702772.653  
 E = 798312.512

STA. 182+50 IL ROUTE 178  
 (RELOCATED)

STA. 282+50 TEMPORARY RUNAROUND  
 N = 1702613.705  
 E = 798331.938

STA. 180+90.43 IL ROUTE 178  
 (RELOCATED)

STA. 80+00.00 MILL STREET  
 N = 1702769.911  
 E = 798299.364

STA. 177+80.43 IL ROUTE 178  
 (RELOCATED)

STA. 63+99.96 CANAL STREET  
 N = 1703073.383  
 E = 798236.081

STA. 283+62.23, PT, PC  
 N = 1702502.432  
 E = 798329.837

STA. 90+00  
 N = 1702488.800  
 E = 798129.939

STA. 285+29.47, PT, PC  
 N = 1702338.975  
 E = 798344.775

STA. 284+49.12  
 N = 1702418.108  
 E = 798308.903

CONTROL POINT #8  
 N = 1702069.644  
 E = 798362.517

BENCHMARK "104"  
 CHISELED "X" ON TOP OF 5/8 BOLT ON FIRE HYDRANT AT N.E. CORNER OF CANAL STREET AND DIVISION STREET.  
 ELEV. 481.52

BENCHMARK "106"  
 WORD "ALA" ON FIRE HYDRANT AT N.W. CORNER OF CANAL STREET AND MILL STREET  
 ELEV. 480.16

BENCHMARK "107"  
 CHISELED "X" ON TOP OF 5/8 BOLT ON FIRE HYDRANT AT N.E. CORNER OF CHURCH ST. AND MILL STREET  
 ELEV. 479.74

BENCHMARK "108"  
 CHISELED "X" ON WEST BOLT OF FIRE HYDRANT AT W. SIDE OF ILL ROUTE 178, S. SIDE OF CANAL BRIDGE  
 ELEV. 480.15

BENCHMARK "109"  
 CHISELED "X" ON TOP OF 5/8 BOLT ON FIRE HYDRANT AT N.E. CORNER OF ILL ROUTE 178 AND GRIFFIN STREET  
 ELEV. 473.78

SEE SHEET 18 FOR SWING TIES TO CONTROL POINTS.

PROP. CURVE  
 PI STA. = 283+07.08  
 $\Delta = 25^\circ 43' 18''$  (RT)  
 D = 22° 55' 06"  
 R = 250.00'  
 T = 57.08'  
 L = 112.23'  
 E = 6.43'  
 e = NORMAL CROWN  
 P.C. STA. = 282+50.00  
 P.T. STA. = 283+62.23

TEMPORARY RUNAROUND

PROP. CURVE  
 PI STA. = 284+49.12  
 $\Delta = 38^\circ 19' 43''$  (LT)  
 D = 22° 55' 06"  
 R = 250.00'  
 T = 86.88'  
 L = 167.24'  
 E = 14.67'  
 e = NORMAL CROWN  
 P.C. STA. = 283+62.23  
 P.T. STA. = 285+29.47

PROP. CURVE  
 PI STA. = 285+87.22  
 $\Delta = 26^\circ 00' 54''$  (RT)  
 D = 22° 55' 06"  
 R = 250.00'  
 T = 57.75'  
 L = 113.51'  
 E = 6.58'  
 e = NORMAL CROWN  
 P.C. STA. = 285+29.47  
 P.T. STA. = 286+42.98

STA. 60+00  
 N = 1703180.467  
 E = 797850.717

CONTROL POINT #5  
 N = 1703165.811  
 E = 797870.194

FILE NAME = D366547-SHT-ATB.DGN	USER NAME = ---	DESIGNED - JKC	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 178 (RELOCATED) ALIGNMENT &amp; TIES</b>			F.A.S. RTE. 1279	SECTION 6R,B	COUNTY LASALLE	TOTAL SHEETS 190	SHEET NO. 17
PLOT SCALE = 1"=50'					CONTRACT NO. 66547	SCALE: 1"=50' SHEET NO. ___ OF ___ SHEETS STA. 176+00 TO STA. 186+38.02						
PLOT DATE = 08/10					DATE - 08/10	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT						
DRAWN - NOE					REVISOR - ---							
CHECKED - JKC/LAG				REVISOR - ---								
DATE - 08/10				REVISOR - ---								