

# PROPOSED HORIZONTAL CONTROL

## RIVER ROAD

Chain PRIVER contains:  
71550 70021

Beginning chain PRIVER description  
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Point 71550 N 1,983,385.56 E 733,805.99 Sta 140+00.00

Course from 71550 to 70021 S 45° 19' 35.32" E Dist 200.66'

Point 70021 N 1,983,244.49 E 733,948.69 Sta 142+00.66

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Ending chain PRIVER description

## IL ROUTE 72

Chain IL72.BL contains:  
10998263 CUR A270 CUR A280 59

Beginning chain IL72.BL description  
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Point 10998263 N 1,991,235.53 E 737,254.90 Sta 1160+35.53

Course from 10998263 to PC A270 S 64° 49' 28.39" E Dist 1,542.95'

Curve Data  
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Curve A270  
P.I. Station 1180+52.15 N 1,990,377.67 E 739,079.96  
Delta = 12° 38' 06.40" (RT)  
Degree = 1° 20' 21.03"  
Tangent = 473.67'  
Length = 943.50'  
Radius = 4,278.44'  
External = 26.14'  
Long Chord = 941.59'  
Mid. Ord. = 25.98'  
P.C. Station 1175+78.48 N 1,990,579.17 E 738,651.28  
P.T. Station 1185+21.98 N 1,990,087.29 E 739,454.18  
C.C. N 1,986,707.14 E 736,831.27

Course from PT A270 to PC A280 S 52° 11' 21.98" E Dist 134.30'

Curve Data  
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Curve A280  
P.I. Station 1188+62.62 N 1,989,878.46 E 739,723.30  
Delta = 14° 27' 00.56" (RT)  
Degree = 3° 31' 12.53"  
Tangent = 206.34'  
Length = 410.50'  
Radius = 1,627.65'  
External = 13.03'  
Long Chord = 409.41'  
Mid. Ord. = 12.92'  
P.C. Station 1186+56.27 N 1,990,004.96 E 739,560.28  
P.T. Station 1190+66.77 N 1,989,715.28 E 739,849.60  
C.C. N 1,988,719.04 E 738,562.44

Course from PT A280 to 59 S 37° 44' 21.42" E Dist 267.58'

Point 59 N 1,989,503.68 E 740,013.38 Sta 1193+34.35

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Ending chain IL72.BL description

## TOWN HALL ROAD

Chain PTWNHALL contains:  
70016 CUR 72230 CUR 72240 71450

Beginning chain PTWNHALL description  
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Point 70016 N 1,969,962.01 E 725,265.51 Sta 72+57.72

Course from 70016 to PC 72230 N 89° 03' 04.39" E Dist 370.20'

Curve Data  
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Curve 72230  
P.I. Station 77+46.21 N 1,969,970.10 E 725,753.94  
Delta = 17° 44' 27.56" (RT)  
Degree = 7° 33' 32.00"  
Tangent = 118.30'  
Length = 234.70'  
Radius = 757.99'  
External = 9.18'  
Long Chord = 233.77'  
Mid. Ord. = 9.07'  
P.C. Station 76+27.92 N 1,969,968.14 E 725,635.65  
P.T. Station 78+62.62 N 1,969,935.92 E 725,867.19  
C.C. N 1,969,210.25 E 725,648.20

Course from PT 72230 to PC 72240 S 73° 12' 27.50" E Dist 459.31'

Curve Data  
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Curve 72240  
P.I. Station 84+49.52 N 1,969,766.36 E 726,429.06  
Delta = 1° 01' 47.21" (RT)  
Degree = 0° 24' 12.84"  
Tangent = 127.59'  
Length = 255.17'  
Radius = 14,197.38'  
External = 0.57'  
Long Chord = 255.17'  
Mid. Ord. = 0.57'  
P.C. Station 83+21.93 N 1,969,803.22 E 726,306.91  
P.T. Station 85+77.10 N 1,969,727.31 E 726,550.52  
C.C. N 1,956,211.25 E 722,205.23

Course from PT 72240 to 71450 S 72° 10' 40.29" E Dist 422.90'

Point 71450 N 1,969,597.88 E 726,953.13 Sta 90+00.00

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Ending chain PTWNHALL description

## PATRICIA DRIVE

Chain PPATDRV contains:  
71500 70018

Beginning chain PPATDRV description  
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Point 71500 N 1,982,416.99 E 732,767.49 Sta 110+00.00

Course from 71500 to 70018 S 42° 23' 14.79" E Dist 998.84'

Point 70018 N 1,981,679.24 E 733,440.85 Sta 119+98.84

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Ending chain PPATDRV description

## TOWN LINE ROAD

Chain PTWNLINE contains:  
70022 CUR 72280 71560

Beginning chain PTWNLINE description  
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Point 70022 N 1,985,999.70 E 735,233.12 Sta 134+68.63

Course from 70022 to PC 72280 N 88° 18' 54.70" E Dist 1,136.72'

Curve Data  
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Curve 72280  
P.I. Station 147+28.28 N 1,986,036.73 E 736,492.22  
Delta = 38° 42' 10.88" (RT)  
Degree = 16° 22' 12.80"  
Tangent = 122.92'  
Length = 236.42'  
Radius = 350.00'  
External = 20.96'  
Long Chord = 231.95'  
Mid. Ord. = 19.77'  
P.C. Station 146+05.36 N 1,986,033.12 E 736,369.35  
P.T. Station 148+41.78 N 1,985,962.73 E 736,590.37  
C.C. N 1,985,683.27 E 736,379.64

Course from PT 72280 to 71560 S 52° 58' 54.42" E Dist 158.22'

Point 71560 N 1,985,867.47 E 736,716.70 Sta 150+00.00

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Ending chain PTWNLINE description

## KATHRYN ROAD

Chain PKATHRYN contains:  
70019 71510

Beginning chain PKATHRYN description  
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Point 70019 N 1,983,175.58 E 732,411.40 Sta 112+02.38

Course from 70019 to 71510 S 42° 52' 35.00" E Dist 797.62'

Point 71510 N 1,982,591.06 E 732,954.12 Sta 120+00.00

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Ending chain PKATHRYN description

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HORIZONTAL &amp; VERTICAL CONTROL</b>	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ot:\pw_work\VP\WIDOT\GRANTPM\dms31213\06688hvc.dgn		DRAWN -	REVISED -			742	37R-4	OGLE	867	84	
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			SCALE:		SHEET NO. OF SHEETS		STA. TO STA.	
PLOT DATE = Tue Mar 30 11:44:30 2010		DATE -	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 64E17	