

HORIZONTAL & VERTICAL CONTROL

FAIR ST.

Chain FAIR contains:
15450000 15450200

Beginning chain FAIR description
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Point 15450000 N 1,952,173.7340 E 726,448.9950 Sta 248+57.7177
Course from 15450000 to 15450200 91° 01' 51.1146" Dist 142.2823'
Point 15450200 N 1,952,171.1742 E 726,591.2543 Sta 250+00.0000
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Ending chain FAIR description

Chain PFAIR contains:
15450000 15450200

Beginning chain PFAIR description
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Point 15450000 N 1,952,173.7340 E 726,448.9950 Sta 248+57.7177
Course from 15450000 to 15450200 91° 01' 51.1146" Dist 142.2823'
Point 15450200 N 1,952,171.1742 E 726,591.2543 Sta 250+00.0000
=====

Ending chain PFAIR description

BLACKHAWK ST.

Chain EBLKHWK contains:
64 66

Beginning chain EBLKHWK description
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Point 64 N 1,954,728.1740 E 725,561.2910 Sta 20+00.0000
Course from 64 to 66 268° 43' 26.5480" Dist 673.2129'
Point 66 N 1,954,713.1830 E 724,888.2450 Sta 26+73.2130
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Ending chain EBLKHWK description

Chain PBLKHWK contains:
70007 50102

Beginning chain PBLKHWK description
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Point 70007 N 1,954,713.1830 E 724,888.2450 Sta 23+28.6402
Course from 70007 to 50102 88° 43' 26.4356" Dist 671.3598'
Point 50102 N 1,954,728.1331 E 725,559.4383 Sta 30+00.0000
=====

Ending chain PBLKHWK description

ACCESS RD. A

Chain ACCESRDA contains:
70009 CUR 71340 51000

Beginning chain ACCESRDA description
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Point 70009 N 1,955,671.9863 E 724,780.8678 Sta 47+25.6985
Course from 70009 to PC 71340 88° 38' 39.7493" Dist 86.8968'

Curve Data
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Curve 71340
P.I. Station 48+55.0596 N 1,955,675.0467 E 724,910.1927
Delta = 16° 06' 47.3747" (LT)
Degree = 19° 05' 54.9354"
Tangent = 42.4644'
Length = 84.3683'
Radius = 300.0000'
External = 2.9905'
Long Chord = 84.0906'
Mid. Ord. = 2.9610'
P.C. Station 48+12.5953 N 1,955,674.0421 E 724,867.7402
P.T. Station 48+96.9636 N 1,955,687.7939 E 724,950.6987
C.C. N 1,955,973.9581 E 724,860.6429

Course from PT 71340 to 51000 72° 31' 52.3746" Dist 103.0364'

Point 51000 N 1,955,718.7241 E 725,048.9832 Sta 50+00.0000
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Ending chain ACCESRDA description

MARGARET FULLER

Chain EMARGFUL contains:
63 61

Beginning chain EMARGFUL description
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Point 63 N 1,954,370.3330 E 725,718.5000 Sta 10+00.0000
Course from 63 to 61 268° 43' 07.5770" Dist 763.1108'
Point 61 N 1,954,353.2700 E 724,955.5800 Sta 17+63.1108
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Ending chain EMARGFUL description

Chain PMARGFUL contains:
70006 50101

Beginning chain PMARGFUL description
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Point 70006 N 1,954,353.2700 E 724,955.5800 Sta 12+50.0745
Course from 70006 to 50101 88° 43' 07.6264" Dist 749.9255'
Point 50101 N 1,954,370.0380 E 725,705.3180 Sta 20+00.0000
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Ending chain PMARGFUL description

CARTWRIGHT ST.

Chain ECRTWRT contains:
67 69

Beginning chain ECRTWRT description
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Point 67 N 1,955,084.8290 E 725,457.1920 Sta 30+00.0000
Course from 67 to 69 268° 53' 34.4914" Dist 683.7606'
Point 69 N 1,955,071.6180 E 724,773.5590 Sta 36+83.7606
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Ending chain ECRTWRT description

Chain PCRTWRT contains:
70008 50103

Beginning chain PCRTWRT description
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Point 70008 N 1,955,071.6180 E 724,773.5590 Sta 33+16.1131
Course from 70008 to 50103 88° 53' 34.5935" Dist 683.8869'
Point 50103 N 1,955,084.8311 E 725,457.3182 Sta 40+00.0000
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Ending chain PCRTWRT description

ACCESS RD. B

Chain ACCESRDB contains:
70004 CUR 71350 70010

Beginning chain ACCESRDB description
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Point 70004 N 1,955,718.7241 E 725,048.9832 Sta 50+00.0000
Course from 70004 to PC 71350 27° 31' 49.0434" Dist 39.5023'

Curve Data
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Curve 71350
P.I. Station 51+64.6891 N 1,955,864.7646 E 725,125.1057
Delta = 34° 45' 24.4465" (LT)
Degree = 14° 19' 26.2016"
Tangent = 125.1868'
Length = 242.6482'
Radius = 400.0000'
External = 19.1321'
Long Chord = 238.9448'
Mid. Ord. = 18.2588'
P.C. Station 50+39.5023 N 1,955,753.7534 E 725,067.2418
P.T. Station 52+82.1505 N 1,955,988.9571 E 725,109.3586
C.C. N 1,955,938.6415 E 724,712.5358

Course from PT 71350 to 70010 352° 46' 25.2790" Dist 66.1898'

Point 70010 N 1,956,054.6212 E 725,101.0327 Sta 53+48.3403
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Ending chain ACCESRDB description

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORIZONTAL & VERTICAL CONTROL	F.A.P RTE. 742	SECTION 37R-3	COUNTY OGLE	TOTAL SHEETS 345	SHEET NO. 54		
ct:\pw_work\VPWIDOT\CUSHMANBW\dms34123\dms34123.dgn	0486hvac.dgn	DRAWN -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 84788			
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	REVISED -									
PLOT DATE = Thu Apr 30 15:31:46 2009	DATE -	REVISED -	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT						