

HORIZONTAL & VERTICAL CONTROL

CULTRA DR.

Chain PCULTRA contains:
71360 70011

Beginning chain PCULTRA description
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Point 71360 N 1,957,470.0588 E 724,341.4317 Sta 60+00.0000

Course from 71360 to 70011 79° 40' 51.0440" Dist 286.6897'

Point 70011 N 1,957,521.4138 E 724,623.4843 Sta 62+86.6897

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Ending chain PCULTRA description

STRONGHOLD

Chain STRGHOLD contains:
70013 CUR 72430 72420

Beginning chain STRGHOLD description
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Point 70013 N 1,958,826.9890 E 723,766.1260 Sta 65+82.4262

Course from 70013 to PC 72430 71° 44' 48.5049" Dist 145.7796'

Curve Data

Curve 72430

P.I. Station 67+70.3781 N 1,958,885.8587 E 723,944.6205

Delta = 16° 00' 13.5457" (RT)

Degree = 19° 05' 54.9354"

Tangent = 42.1723'

Length = 83.7955'

Radius = 300.0000'

External = 2.9497'

Long Chord = 83.5234'

Mid. Ord. = 2.9210'

P.C. Station 67+28.2058 N 1,958,872.6496 E 723,904.5702

P.T. Station 68+12.0013 N 1,958,887.5139 E 723,986.7603

C.C. N 1,958,587.7451 E 723,998.5353

Course from PT 72430 to 72420 87° 45' 02.0506" Dist 187.9987'

Point 72420 N 1,958,894.8929 E 724,174.6141 Sta 70+00.0000

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Ending chain STRGHOLD description

BOATRAMP

Chain PBTRAMP contains:
72400 CUR 72400 72401

Beginning chain PBTRAMP description
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Point 72400 N 1,958,894.8911 E 724,174.6152 Sta 70+00.0000

Course from 72400 to PC 72400 83° 19' 21.0288" Dist 148.9420'

Curve Data

Curve 72400

P.I. Station 71+67.0962 N 1,958,914.3220 E 724,340.5778

Delta = 39° 54' 18.6820" (LT)

Degree = 114° 34' 32.5111"

Tangent = 18.1542'

Length = 34.8287'

Radius = 50.0069'

External = 3.1933'

Long Chord = 34.1290'

Mid. Ord. = 3.0017'

P.C. Station 71+48.9420 N 1,958,912.2101 E 724,322.5468

P.T. Station 71+83.7706 N 1,958,927.5092 E 724,353.0546

C.C. N 1,958,961.8775 E 724,316.7295

Course from PT 72400 to 72401 43° 24' 51.9811" Dist 133.1086'

Point 72401 N 1,959,024.1995 E 724,444.5362 Sta 73+16.8792

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Ending chain PBTRAMP description

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORIZONTAL & VERTICAL CONTROL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw_work\VP\WIDOT\CUSHMANBW\dms34123\dms34123.dwg	6486hvc.dgn	DRAWN -	REVISED -			742	37R-3	OGLE	345	55	
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 84788			
PLOT DATE = Thu Apr 30 15:31:46 2009	DATE -	REVISED -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					