

EXISTING LATHAM ROAD (RALSTON ROAD)
Chain LATHAMRD contains:
60005 CUR 240 250
Beginning chain LATHAMRD description

Point 60005 N 2,078,957.7837 E 2,599,842.7026 Sta 158+00.0000
Course from 60005 to PC 240 88° 01' 40.9943" Dist 149.6339'

Curve Data

Curve 240
P.I. Station 166+34.4168 N 2,078,986.4961 E 2,600,676.6253
Delta = 33° 26' 24.1747" (RT)
Degree = 2° 30' 48.2674"
Tangent = 684.7829'
Length = 1,330.4666'
Radius = 2,279.6056'
External = 100.6317'
Long Chord = 1,311.6634'
Mid. Ord. = 96.3771'
P.C. Station 159+49.6339 N 2,078,962.9326 E 2,599,992.2479
P.T. Station 172+80.1005 N 2,078,629.0231 E 2,601,260.6978
C.C. N 2,076,684.6770 E 2,600,070.6895

Course from PT 240 to 250 121° 28' 05.1690" Dist 1,244.7295'

Point 250 N 2,077,979.2446 E 2,602,322.3661 Sta 185+24.8300

Ending chain LATHAMRD description

LATHAMRD CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
LATHAMRD	240	240	241	242	243

EXISTING ILLINOIS ROUTE 173
Chain IL173 contains:
1250 CUR 260 60010
Beginning chain IL173 description

Point 1250 N 2,077,979.2446 E 2,602,322.3661 Sta 2+67.7000

Course from 1250 to PC 260 106° 27' 42.4748" Dist 451.2729'

Curve Data

Curve 260
P.I. Station 10+91.2740 N 2,077,745.8635 E 2,603,112.1809
Delta = 18° 24' 34.9257" (LT)
Degree = 2° 29' 38.0916"
Tangent = 372.3011'
Length = 738.1850'
Radius = 2,297.4237'
External = 29.9705'
Long Chord = 735.0137'
Mid. Ord. = 29.5846'
P.C. Station 7+18.9729 N 2,077,851.3647 E 2,602,755.1409
P.T. Station 14+57.1580 N 2,077,758.5183 E 2,603,484.2668
C.C. N 2,080,054.6145 E 2,603,406.1756

Course from PT 260 to 60010 88° 03' 07.5491" Dist 2,542.8420'

Point 60010 N 2,077,844.9515 E 2,606,025.6395 Sta 40+00.0000

Ending chain IL173 description

IL173 CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
IL173	260	260	261	262	263

EXISTING ILLINOIS ROUTE 251
Chain IL251 contains:
174 175
Beginning chain IL251 description

Point 174 N 2,073,992.7940 E 2,599,880.3040 Sta 823+92.2200

Course from 174 to 175 31° 29' 28.4748" Dist 8,594.2418'

Point 175 N 2,081,321.2760 E 2,604,369.6630 Sta 909+86.4618

Ending chain IL251 description

EXISTING ALPINE ROAD
Chain ALPNERD contains:
1047 CUR 300 310 CUR 380 167
Beginning chain ALPNERD description

Point 1047 N 2,076,526.0622 E 2,604,019.5874 Sta 257+49.9994

Course from 1047 to PC 300 358° 14' 38.8291" Dist 500.0000'

Curve Data

Curve 300
P.I. Station 265+49.9994 N 2,077,325.6866 E 2,603,995.0745
Delta = 0° 47' 06.7200" (RT)
Degree = 0° 07' 51.1274"
Tangent = 300.0000'
Length = 599.9906'
Radius = 43,781.1127'
External = 1.0278'
Long Chord = 599.9859'
Mid. Ord. = 1.0278'
P.C. Station 262+49.9994 N 2,077,025.8274 E 2,604,004.2668
P.T. Station 268+49.9900 N 2,077,625.6435 E 2,603,989.9923
C.C. N 2,078,367.3291 E 2,647,764.8221

Course from PT 300 to 310 359° 01' 45.5491" Dist 150.0100'

Point 310 N 2,077,775.6320 E 2,603,987.4510 Sta 270+00.0000

Course from 310 to PC 380 359° 01' 45.5491" Dist 852.1157'

Curve Data

Curve 380
P.I. Station 280+54.8509 N 2,078,830.3315 E 2,603,969.5810
Delta = 32° 26' 28.8232" (RT)
Degree = 8° 13' 18.2914"
Tangent = 202.7352'
Length = 394.5796'
Radius = 696.8808'
External = 28.8908'
Long Chord = 389.3299'
Mid. Ord. = 27.7408'
P.C. Station 278+52.1157 N 2,078,627.6254 E 2,603,973.0155
P.T. Station 282+46.6953 N 2,079,003.2460 E 2,604,075.4214
C.C. N 2,078,639.4311 E 2,604,669.7963

Course from PT 380 to 167 31° 28' 14.3723" Dist 1,297.3973'

Point 167 N 2,080,109.8060 E 2,604,752.7430 Sta 295+44.0926

Ending chain ALPNERD description

ALPNERD CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
ALPNERD	300	300	301	302	303
ALPNERD	380	380	381	382	383

EXISTING N. 2ND FRONTAGE ROAD
Chain EN2NDFRBL contains:
72340 CUR 72350 CUR 72360 CUR 72370 70036
Beginning chain EN2NDFRBL description

Point 72340 N 2,077,762.1746 E 2,603,254.9298 Sta 310+00.0000

Course from 72340 to PC 72350 1° 14' 46.6931" Dist 213.6079'

Curve Data

Curve 72350
P.I. Station 313+17.7713 N 2,078,079.8708 E 2,603,261.8415
Delta = 26° 28' 06.9593" (LT)
Degree = 12° 56' 10.3656"
Tangent = 104.1634'
Length = 204.6086'
Radius = 442.9100'
External = 12.0837'
Long Chord = 202.7940'
Mid. Ord. = 11.7628'
P.C. Station 312+13.6079 N 2,077,975.7320 E 2,603,259.5759
P.T. Station 314+18.2165 N 2,078,174.1033 E 2,603,217.4542
C.C. N 2,077,985.3655 E 2,602,816.7706

Course from PT 72350 to PC 72360 334° 46' 39.7338" Dist 223.6586'

Curve Data

Curve 72360
P.I. Station 318+78.6711 N 2,078,590.6588 E 2,603,021.2400
Delta = 31° 08' 02.1357" (RT)
Degree = 6° 44' 26.4478"
Tangent = 236.7960'
Length = 461.8811'
Radius = 850.0000'
External = 32.3675'
Long Chord = 456.2195'
Mid. Ord. = 31.1802'
P.C. Station 316+41.8751 N 2,078,376.4386 E 2,603,122.1462
P.T. Station 321+03.7562 N 2,078,826.1955 E 2,603,045.6287
C.C. N 2,078,738.6502 E 2,603,891.1083

Curve Data

Curve 72370
P.I. Station 322+51.4656 N 2,078,973.1194 E 2,603,060.8419
Delta = 25° 36' 19.9306" (RT)
Degree = 8° 48' 53.0471"
Tangent = 147.7094'
Length = 290.4856'
Radius = 650.0000'
External = 16.5719'
Long Chord = 288.0743'
Mid. Ord. = 16.1599'
P.C. Station 321+03.7562 N 2,078,826.1955 E 2,603,045.6287
P.T. Station 323+94.2418 N 2,079,099.0392 E 2,603,138.0576
C.C. N 2,078,759.2491 E 2,603,692.1720

Course from PT 72370 to 70036 31° 31' 01.8001" Dist 3,009.9556'

Point 70036 N 2,081,664.9770 E 2,604,711.5240 Sta 354+04.1974

Ending chain EN2NDFRBL description

EN2NDFRBL CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
EN2NDFRBL	72350	72350	72351	72352	72353
EN2NDFRBL	72360	72360	72361	72362	72363
EN2NDFRBL	72370	72370	72371	72372	72373