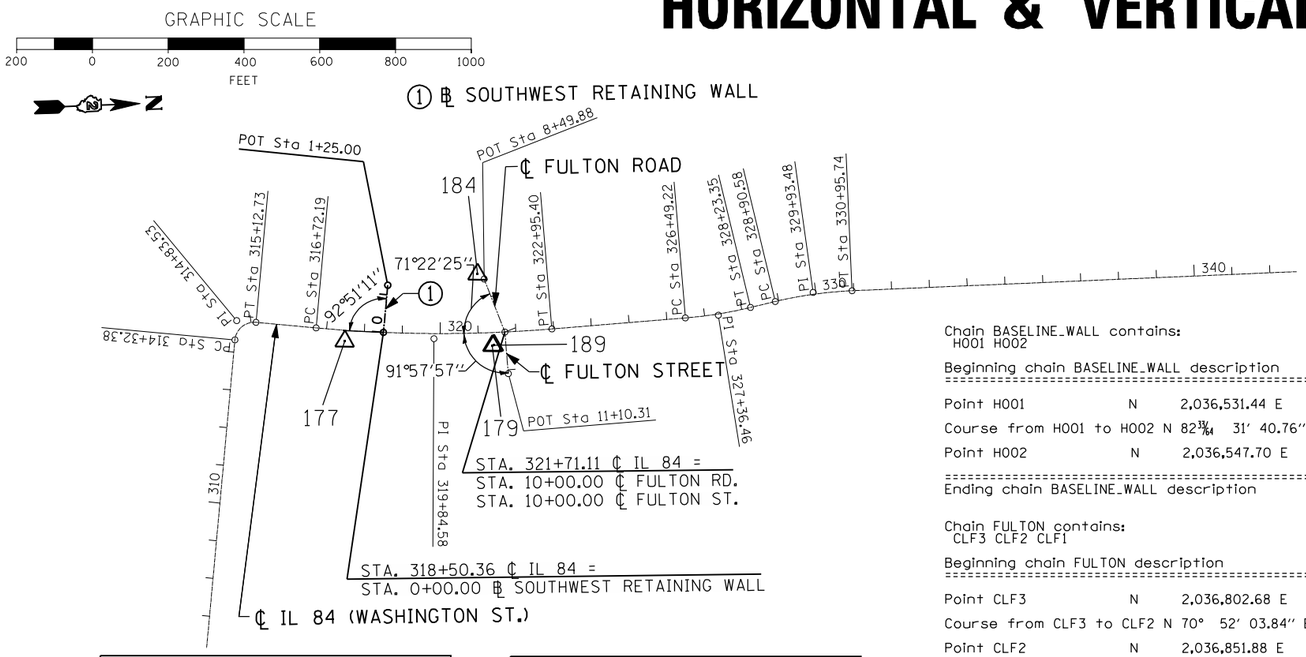
HORIZONTAL & VERTICAL CONTROL



Chain BASELINE_WALL contains:
H001 H002

Beginning chain BASELINE_WALL description

Point H001	N	2,036,531.44 E	2,264,505.95 Sta	0+00.00
Course from H001 to H002 N 82 31/64° 31' 40.76" W Dist 125.00				
Point H002	N	2,036,547.70 E	2,264,382.01 Sta	1+25.00

Ending chain BASELINE_WALL description

Chain FULTON contains:
CLF3 CLF2 CLF1

Beginning chain FULTON description

Point CLF3	N	2,036,802.68 E	2,264,375.62 Sta	8+49.88
Course from CLF3 to CLF2 N 70° 52' 03.84" E Dist 150.12				
Point CLF2	N	2,036,851.88 E	2,264,517.45 Sta	10+00.00
Course from CLF2 to CLF1 N 87° 31' 41.50" E Dist 110.31				
Point CLF1	N	2,036,856.64 E	2,264,627.66 Sta	11+10.31

Ending chain FULTON description

Chain J0_IL84 contains:
1550 CUR 1420 CUR 1410 CUR 1400 CUR 1390 CUR 1380 CUR 1370 CUR 1360 CUR 1350 C-
UR 1340 CUR 1330 CUR 1320 CUR 1310 CUR 1300 CUR 1290 CUR 1280 CUR 1270

Beginning chain J0_IL84 description

Curve Data

Curve 1320
P.I. Station 314+83.53 N 2,036,145.4578 E 2,264,459.8317
Delta = 89° 59' 32.80" (RT)
Degree = 111° 59' 52.25"
Tangent = 51.1512'
Length = 80.3519'
Radius = 51.1579'
External = 21.1855'
Long Chord = 72.3435'
Mid. Ord. = 14.9814'
P.C. Station 314+32.38 N 2,036,138.8049 E 2,264,510.5484
P.T. Station 315+12.73 N 2,036,196.1753 E 2,264,466.4779
C.C. N 2,036,189.5283 E 2,264,517.2021

Course from PT 1320 to PC 1310 N 7° 27' 56.42" E Dist 159.4537'

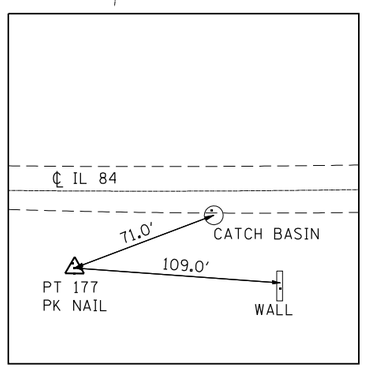
Curve Data

Curve 1310
P.I. Station 319+84.58 N 2,036,664.0239 E 2,264,527.7861
Delta = 9° 57' 27.37" (LT)
Degree = 1° 35' 52.00"
Tangent = 312.3948'
Length = 623.2161'
Radius = 3,585.9689'
External = 13.5815'
Long Chord = 622.4321'
Mid. Ord. = 13.5303'
P.C. Station 316+72.19 N 2,036,354.2773 E 2,264,487.1960
P.T. Station 322+95.40 N 2,036,976.1232 E 2,264,514.2036
C.C. N 2,036,820.2100 E 2,260,931.6257

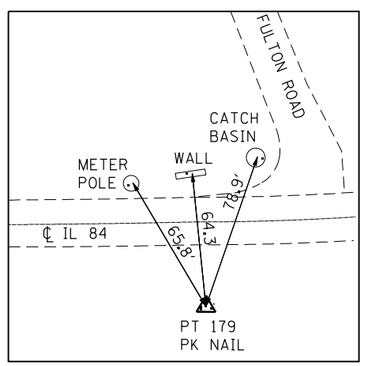
Course from PT 1310 to PC 1300 N 2° 29' 30.95" W Dist 353.8151'

Curve Data

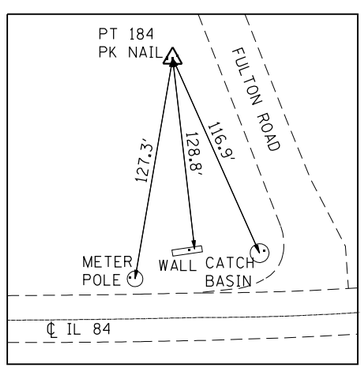
Curve 1300
P.I. Station 327+36.46 N 2,037,416.7592 E 2,264,495.0272
Delta = 8° 48' 37.05" (LT)
Degree = 5° 03' 34.38"
Tangent = 87.2379'
Length = 174.1319'
Radius = 1,132.4284'
External = 3.3553'
Long Chord = 173.9604'
Mid. Ord. = 3.3454'
P.C. Station 326+49.22 N 2,037,329.6038 E 2,264,498.8202
P.T. Station 328+23.35 N 2,037,502.3053 E 2,264,477.9300
C.C. N 2,037,280.3673 E 2,263,367.4627



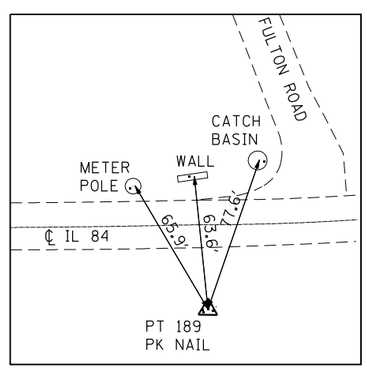
HORIZONTAL CONTROL POINT NO. 177



HORIZONTAL CONTROL POINT NO. 179



HORIZONTAL CONTROL POINT NO. 184



HORIZONTAL CONTROL POINT NO. 189

CURVE POINT NUMBERS

CHAIN	CURVE	PI	CC	PC	PT
J0_IL84	1320	1320	1321	1322	1323
J0_IL84	1310	1310	1311	1312	1313
J0_IL84	1300	1300	1301	1302	1303

REFERENCE TIES

POINT	CHAIN	STATION	OFFSET	DESCRIPTION
515	J0_IL84	318+58.24	30.9698' RT	30.9698 DISK, WALL
516	J0_IL84	318+20.49	23.6107' RT	23.6107 WALL, CATCH BASIN
518	J0_IL84	321+40.68	43.952' LT	-43.9520 CATCH BASIN, CATCH BASIN
519	J0_IL84	321+31.78	29.2316' LT	-29.2316 CATCH BASIN, WALL
520	J0_IL84	321+19.91	28.7751' LT	-28.7751 WALL, METER POLE

BENCH MARKS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
405	2036539.1415	2264535.7314	634.3311	J0_IL84	318+60.35	29.0798' RT	29.0798 TOPO SURVEY POINT, DISK

SURVEY WORK POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
177	2036428.5668	2264525.2908	629.1629	J0_IL84	317+50.17	28.9741' RT	28.9741 BACK OF CURB, TOPO SURVEY POINT
179	2036817.3625	2264552.4379	629.2176	J0_IL84	321+36.62	34.8443' RT	34.8443 TOPO SURVEY POINT, TOPO SURVEY POINT
184	2036785.5668	2264362.4031	630.1315	J0_IL84	321+03.23	155.0167' LT	-155.0167 TOPO SURVEY POINT, TOPO SURVEY POINT
189	2036821.5348	2264551.2869	629.1410	J0_IL84	321+40.75	33.6925' RT	33.6925 TOPO SURVEY POINT, TOPO SURVEY POINT