

**COUNTY OF LOS ANGELES
ROAD DEPARTMENT**

**PRECISE
BENCH MARK LIST**



**LANCASTER EAST
QUAD**

1981 ADJUSTMENT

P R E F A C E
1981 Adjustment

The Road Department level net published in 1975 consisted of more than 1500 miles of levels supporting in excess of 18,000 bench marks. For reasons of economy, this 1981 adjustment is reduced to about 55% of the bench marks previously published. Reductions were made by increasing the spacing between level lines in unincorporated territory, and eliminating lines in non-contract cities and areas where the probability of future engineering projects appears slight. The 1981 adjustment is an update of the remainder of the 1975 bench marks, not including baselines. Data from previous adjustments is available without inferring any responsibility for the current reliability of the data or the actual existence of the bench marks. Elevations of bench marks with the same quad name, but different adjustment dates, are not normally compatible.

To facilitate the adjustment, indexing, and distribution of adjusted values of the net, the County territory is divided into 34 quads or areas. For identification purposes each quad is given a name, viz., "Rosemead," "La Mirada," "Santa Fe," etc. When bench marks and elevations in the Road Department net are used, the name of the quad in which the bench mark is located and the date of the elevation adjustment must be included in the bench mark description, e.g.,

CY 6901 - RDEM TAG S CB 11FT E BCR @ SE COR LA CIENEGA
BLVD & LENNOX BLVD 32FT S & 73FT E C/L INT
(HAWTHORNE - 1980) ELEV. 82.549

The precision of the net is reflected by an indicated field probable error of plus or minus 0.012 foot per mile of leveling as determined from over 300 conditions of closure. However, many years experience in vertical control in the greater Los Angeles basin and Antelope Valley indicate that because of varying degrees of subsidence and heaving, the true datum is recovered only by obtaining substantial agreement between a number of bench marks.

The users of this net are invited to assist in its maintenance by notifying this Department of cases of obliteration, apparent mistakes in descriptions or elevations, and proven disturbance of bench marks.

DATUM: U.S. Coast and Geodetic Survey Sea Level Datum
of 1929, through the medium of the Los Angeles
County Engineer Precise Level Net.

1000
ABBREVIATIONS USED IN BENCH MARK LISTINGS

ABUT -----	Abutment	ECR -----	End of Curb Return
ALG -----	Along	EC -----	End of Curve
ANG PT -----	Angle Point	ENT -----	Entrance
B/W -----	Back of Walk	FL -----	Floor
BCR -----	Beginning of Curb Return	FTG -----	Footing
BC -----	Beginning of Curve	FRWY -----	Freeway
BLDG -----	Building	F/W -----	Front of Walk
BM -----	Bench Mark	GAR -----	Garage
BT SPK -----	Boat or Bolt Spike	HDWL -----	Headwall
BR CAP -----	Brass or Bronze Cap	HSE -----	House
C B -----	Catch Basin	HWY -----	Highway
CTR -----	Center	INT -----	Intersection
C/L -----	Center Line	IP -----	Iron Pipe
C/L INT -----	Center Line Intersection	LT -----	Left
C/L PROD -----	Center Line Produced	LACE -----	L.A. City Engineer
CONC -----	Concrete	LACS -----	L.A. Co. Engineer
COR -----	Corner	LAFC -----	L.A. Co. Flood Control
COE -----	Corps of Engineers	L&BN -----	Lead and Bench Nail
CULV -----	Culvert	L&BR -----	Lead and Brad
CYN -----	Canyon	L&N -----	Lead and Nail
CB -----	Curb	L&SPK -----	Lead and Spike
CS MON -----	Co. Eng. Monument	L&T -----	Lead and Tack
CT SPK -----	Cut Spike	MCR -----	Middle of Curb Return
DPW -----	Dept. of Public Works	MKD -----	Marked
DR -----	Drive or Driveway	MC -----	Middle of Curve
E/O -----	East of	MON -----	Monument

ABBREVIATIONS USED IN BENCH MARKS (CON'T)

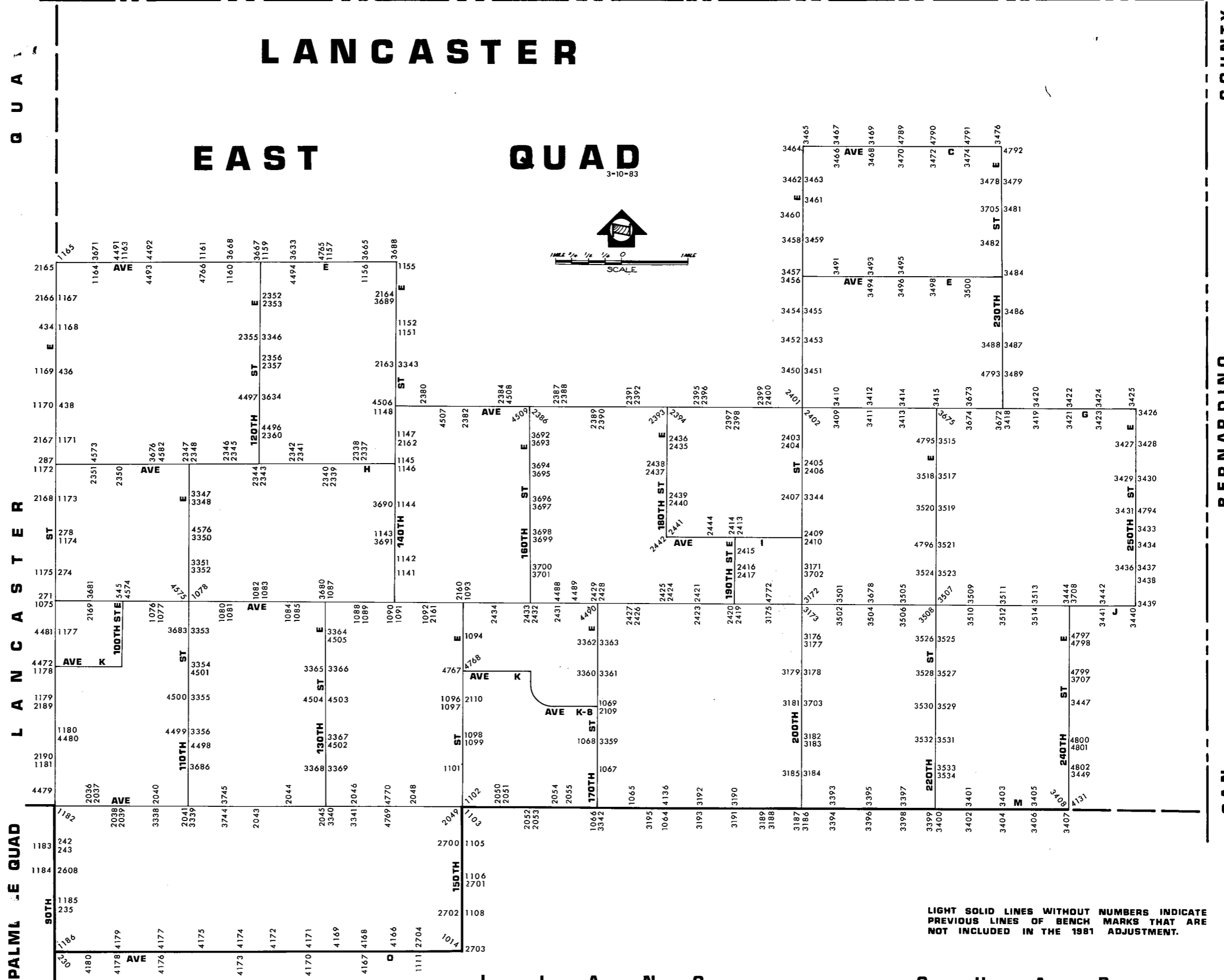
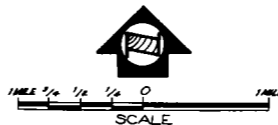
N/O ----- North of
NR ----- Near
OPP ----- Opposite
PI ----- Point of Intersection
PK&W ----- PK Nail and Washer
P/L ----- Property Line
POST ----- Point of Semi-Tangent
PP ----- Power Pole
PYMT ----- Pavement
PROD ----- Produced
RD ----- Road
RDBM ----- Road Dept. Bench Mark
RDBM TAG ----- Road Dept. Bench Mark Tag
RR ----- Railroad
RT ----- Right
R/W ----- Right of Way
SDMH ----- Storm Drain Manhole
SMH ----- Sewer Manhole
SPK ----- Spike
ST&W ----- Spike Tin and Washer
S/O ----- South of
TP ----- Telephone Pole
USC&GS ----- U.S. Coast and Geodetic Survey
USGS ----- U.S. Geological Survey
WK ----- Walk
W/O ----- West of

LANCASTER

EAST

QUAD

3-10-83



LIGHT SOLID LINES WITHOUT NUMBERS INDICATE PREVIOUS LINES OF BENCH MARKS THAT ARE NOT INCLUDED IN THE 1981 ADJUSTMENT.

PALM LANE QUAD

SAN BERNARDINO COUNTY

L L A N O Q U A D

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1973)	2575.893	RDBM TAG CONC FTG OF 8FT CHAIN LINK FENCE AROUND EDISON SUB STA 30FT S & 30FT E C/L INT OF 90TH ST E & AVE O	CL 230
BASELINE (1973)	2560.281	CS MON IN WELL 10IN DN @ C/L INT 90TH ST E & AVE N-8 MKD (1/4 COR 7 8 T6N R10W)	CL 235
BASELINE (1973)	2535.607	CS MON IN WELL 18IN DN @ C/L INT 90TH ST E & AVE M-8 MKD (1/4 COR 5 6 T6N R10W)	CL 242
BASELINE (1973)	2536.511	2IN IP (W EDGE) 12IN UP ON NW COR 90TH ST E & AVE M-8 40FT N & 40FT W C/L INT	CL 243
LANCASTR (1981)	2440.689	CS MON IN WELL 15IN DN @ C/L INT 90TH ST E & AVE J MKD (CO SURV 18 17 19 20 T7N R10W 1926) USE S EDGE	CL 271A
LANCASTR (1981)	2423.370	CS MON IN WELL 20IN DN @ C/L INT 90TH ST E & AVE I-8 MKD (CO SURV 1/4 SEC COR 17 18 T7N R10W) USE S EDGE	CL 274A
LANCASTR (1981)	2410.813	CS MON IN WELL 12IN DN @ C/L INT 90TH ST E & AVE I MKD (CO SURV 7 8 17 18 T7N R10W) USE N EDGE	CL 278A
LANCASTR (1981)	2392.264	RDBM TAG @ CTR OF OLD CONC BASE OF MTR MOUNT 40FT W C/L 90TH ST E & 100FT N C/L AVE H	CL 287A
LANCASTR (1981)	2353.071	CS MON 16IN DN @ C/L INT 90TH ST E & AVE F MKD (CO SURV 30 29 31 32 R10W T8N RE 2177) E EDGE	CL 434A
LANCASTR (1981)	2363.537	2IN IP CONC PLUG & BT SPK IN WELL 15IN DN @ C/L INT 90TH ST E & AVE F-8 (USE SPK)	CL 436A
LANCASTR (1981)	2372.675	RD MON IN WELL WITH CONC COLLAR @ SE COR 90TH ST E & AVE G 30FT E & 40FT S C/L INT MKD (1958)	CL 438A
LANCASTR (1981)	2449.909	RDBM TAG CONC LID OF FLAT JUNCTION BOX 250FT W C/L 100TH ST E & 36FT N C/L AVE J SE EDGE LID	CL 545
BASELINE (1973)	2646.473	RDBM MON IN WELL MONUMENT SET N PP NO 799921E 38FT N C/L AVE J 155IN @ 150TH ST E 2IN IP WITNESS 3FT UP 2FT N	CL 1014
BASELINE (1973)	2606.235	USC&GS MON IN TOP OF 6IN CONC POST FL 26FT E C/L 180TH ST E (DIRT RD) 32FT S C/L AVE M MKD(L S 18 1929-RESET 1941)	CL 1064
BASELINE (1973)	2593.844	CSBM MON 6IN UP 30FT N C/L AVE M & 34FT W C/L 175TH ST E 39FT SW 2IN IP WITH CS TAG 12IN UP MKD (BM 106-89 1959)	CL 1065

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1973)	2584.352	CSBM MON 6IN UP ON SW COR AVE M & 170TH ST E 124FT S & 23FT W C/L INT MKD (BM 106-90 1959)	CL 1066
LANCASTR (1981)	2581.055	CS MON IN WELL 12IN DN @ C/L INT 170TH ST E & AVE L-8 MKD (1/4 COR 33 34 T7N R9W RE 5869) USE W EDGE	CL 1067
LANCASTR (1981)	2578.268	CS MON IN WELL 13IN DN @ C/L INT 170TH ST E & AVE L MKD (33 34 27 28 R9W T7N RE 5869)	CL 1068
LANCASTR (1981)	2561.659	USGS MON 6IN UP 27FT S C/L AVE K-8 & 250FT W C/L 170TH ST E 7FT SW PP 423619 MKD (LS 17 1929)	CL 1069
LANCASTR (1981)	2441.565	CS BM MON 4IN UP 45FT N & 40FT E C/L INT 90TH ST E & AVE J MKD (BM 107-24 1961) 2IN IP MARKER 2FT W	CL 1075A
LANCASTR (1981)	2460.596	RD BR CAP MON IN WELL W/COVER 5FT E PP NO K8333Y 30FT N C/L AVE J & 195FT W C/L 105TH ST E (PROP) 2IN IP WITNESS 3FT UP 2FT N	CL 1076
LANCASTR (1981)	2457.379	RD BR CAP MON IN WELL W/COVER 5FT W PP NO K8335Y 30FT N C/L AVE J & 200FT E C/L 105TH ST E (PROP) 2IN IP WITNESS 3FT UP 2FT N	CL 1077
LANCASTR (1981)	2451.325	CS MON IN WELL 15IN DN @ C/L INT AVE J & 110TH ST E MKD (CO SURV 15 16 21 22 T7N R10W 1925) USE W EDGE	CL 1078
LANCASTR (1981)	2458.681	RD MON IN WELL W/COVER 4FT E PP NO 918158E 30FT N C/L AVE J & 105FT W C/L 115TH ST E (PROP) 2IN IP WITNESS 3FT UP 2FT N	CL 1080
LANCASTR (1981)	2457.109	RD MON IN WELL W/COVER 4FT W PP NO 918590E 30FT N C/L AVE J & 190FT E C/L 115TH ST E (PROP) 2IN IP WITNESS 3FT UP 2FT N	CL 1081
LANCASTR (1981)	2458.793	RD MON IN WELL 13FT E PP NO 918598E 30FT N C/L AVE J & 66FT W C/L 120TH ST E (PROP) 2IN IP WITNESS 3FT UP 2FT N	CL 1082
LANCASTR (1981)	2457.206	RD MON IN WELL W/COVER 5FT W PP NO 1048308E 30FT N C/L AVE J & 195FT E C/L 120TH ST E (PROP) 2IN IP WITNESS 3FT UP 2FT N	CL 1083
LANCASTR (1981)	2461.989	RD MON IN WELL W/COVER 7FT E PP NO 1048301E 30FT N C/L AVE J & 180FT W C/L 125TH ST E 2IN IP WITNESS 3FT UP 2FT N	CL 1084

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
LANCASTR (1981)	2462.880	RD MON IN WELL W/COVER 7FT W PP NO 1014867E 30FT CL N C/L AVE J & 145FT E C/L 125TH ST E 2IN IP MKR 3FT UP 2FT N	1085
LANCASTR (1981)	2465.670	CS MON IN WELL @ C/L INT AVE J & 130TH ST E MKD (CO SURV 13 14 23 24 T7N R10W RE 2177) 18IN DN	1087
LANCASTR (1981)	2473.481	CS MON IN WELL @ C/L INT AVE J & 135TH ST E MKD (1/4 COR 13 24 T7N R10W) USE S EDGE	1088
LANCASTR (1981)	2477.135	RD MON IN WELL W/COVER 5FT NE PP NO 1014874E 35FT N C/L AVE J & 360FT E 135TH ST E 2IN IP WITNESS 3FT UP 2FT N	1089
LANCASTR (1981)	2484.146	CS MON IN WELL @ C/L INT AVE J & 140TH ST E MKD (13 24 18 19 T7N R10W R9W) USE E EDGE	1090
LANCASTR (1981)	2487.070	CSBM MON 6IN UP ON NW COR AVE J & 140TH ST E 90E N & 35FT W C/L INT MKD (BM 106-102 1959)	1091
LANCASTR (1981)	2488.431	CSBM MON 6IN UP 39FT S C/L AVE J NR C/L 145TH ST E 57FT S PP 390499E MKD (BM 106-101 1959)	1092
LANCASTR (1981)	2490.682	CSBM MON 16IN UP ON SE COR AVE J & 150TH ST E 18FT E & 39FT S/O C/L INT MKD (BM 106-100 1959)	1093
LANCASTR (1981)	2503.647	CSBM MON 2IN DN 19FT E C/L 150TH ST E @ DIRT RD 0.5MI N AVE K 4FT E PP 951510E MKD (BM 106-99 1959 RE 5869) USE S EDGE 2IN IP MKR 1FT E	1094
LANCASTR (1981)	2529.498	RDBM MON IN WELL 100FT N & 35FT E C/L INT 150TH ST E & AVE K-8 MKD (1960) 2IN IP MKR 2FT E	1096
LANCASTR (1981)	2530.860	RDBM MON IN WELL 100FT S & 35FT E C/L INT 150TH ST E & AVE K-8 MKD (1960) 2IN IP MKR 2FT E	1097
LANCASTR (1981)	2548.098	RDBM MON IN WELL 35FT E/O & 100FT N/O C/L INT 150TH ST E & AVE L MKD (1960) 2IN IP MKR 2FT E	1098
LANCASTR (1981)	2547.172	CS MON IN WELL 20IN DN C/L INT 150TH ST E & AVE L MKD (CO SURV 29 30 31 32 T7N R9W 1927) USE S EDGE	1099
LANCASTR (1981)	2560.697	CS MON IN WELL 8IN DN @ C/L INT 150TH ST E & AVE L-8 MKD (1/4 COR 31 32 T7N R9W RE 5869) USE SW EDGE	1101
BASELINE (1973)	2575.335	CS MON IN WELL 8IN DN @ C/L INT AVE M & 150TH ST E MKD (SEC COR 31 32 5 6 T6N T7N R9W RE 5869) USE E EDGE	1102

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1973)	2576.019	RDBM MON IN WELL 193FT S & 28FT E C/L INT AVE M & 150TH ST E MKD (1960)	CL 1103
BASELINE (1973)	2587.119	L&T IN CONC DRWY @ GATE TO FARM HSE 50FT N C/L AVE M-8 (DIRT RD) & 360FT E C/L 150TH ST E 1FT E/O W END OF CONC	CL 1105
BASELINE (1973)	2602.819	RDBM MON IN WELL W/COVER 5FT NE PP NO X1181E 25FT E C/L 150TH ST E & 270FT N AVE N (DIRT RD) 2IN IP WITNESS 3FT UP 2FT E	CL 1106
BASELINE (1973)	2614.562	RDBM MON IN WELL W/COVER 5FT SE PP NO 79049E 25FT E C/L 150TH ST E & 175FT N C/L AVE G (UNIMPROVED) 2IN IP WITNESS 3FT UP 2FT E	CL 1108
BASELINE (1973)	2647.854	L&T IN CONC STANDPIPE 35FT N C/L AVE O & 17FT W 145TH ST E	CL 1111
LANCASTR (1981)	2469.596	CS MON IN WELL 12IN DN @ C/L INT 140TH ST E & PROP AVE I-8 105FT S PP 1014890E MKD (1/4 COR 13 18 R9W T7N)	CL 1141
LANCASTR (1981)	2468.864	CSBM MON 6IN UP 32FT W C/L 140TH ST E & 690FT N AVE I-8 4FT S PP 1014892E MKD (BM 106-103 1959) 2IN IP MKR 2FT S	CL 1142
LANCASTR (1981)	2459.098	CS MON IN WELL 21IN DN @ C/L INT 140TH ST E & FUT AVE I MKD (SEC COR 12 7 13 18 RE 2177) USE W EDGE	CL 1143
LANCASTR (1981)	2449.435	CS MON IN WELL 9IN DN @ C/L INT 140TH ST E & AVE H-8 225FT S OF S SIDE PROD HSE 45615 MKD (1/4 COR 12 7 R10W R9W T7N RE 2177) USE S EDGE	CL 1144
LANCASTR (1981)	2441.851	CSBM MON 6IN UP @ NW COR 140TH ST E & AVE H 33FT W & 68FT N C/L INT MKD (BM 106-106 1959)	CL 1145
LANCASTR (1981)	2440.343	CS MON IN WELL 20IN DN @ C/L INT 140TH ST E & AVE H MKD (SEC COR 1 6 12 7 R10W R9W T7N)	CL 1146
LANCASTR (1981)	2449.048	CS MON IN WELL 21IN DN ON C/L INT 140TH ST E & AVE G-8 65FT SE PP 767477E & 80FT SW PP # (GONE) MKD (1/4 COR 1 6 R10W R9W T7N RE 2177) USE E EDGE	CL 1147
LANCASTR (1981)	2451.310	CSBM MON 4IN DN ON NW COR 140TH ST E & AVE G 60FT W & 32FT N C/L INT MKD (BM 106-108 1959) 2IN IP MKR 2FT E	CL 1148
LANCASTR (1981)	2460.534	CSBM MON 6IN UP 49FT E C/L 140TH ST E & 63FT N C/L FUT AVE F MKD (BM 106-110 1959) 2IN IP MKR 2FT N	CL 1151

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
LANCASTR (1981)	2458.064	CS MON IN WELL 10IN DN @ C/L INT 140TH ST E & FUT AVE F 71FT NW 2IN IP & PLUG 6IN UP MKD (SEC COR 25 30 31 36 R10W R9W T8N) USE N EDGE	CL 1152
LANCASTR (1981)	2424.195	CS MON IN WELL 6IN DN @ C/L INT 140TH ST E & AVE E MKD (CO SURV 19 24 25 30 R10W R9W T8N) USE S EDGE	CL 1155
LANCASTR (1981)	2371.828	CSBM MON FL 45FT S C/L INT AVE E & 135TH ST E MKD (BM 106-113 1959) 2IN IP MKR 2FT E	CL 1156
LANCASTR (1981)	2367.304	CSBM MON FL 29FT S & 36FT W C/L INT AVE E & 130TH ST E MKD (BM 106-114 1959) 2IN IP MKR 1FT NW	CL 1157
LANCASTR (1981)	2356.873	CSBM MON 16IN DN 25FT N & 196FT W C/L INT AVE E & 120TH ST E MKD (106-116 1959)	CL 1159
LANCASTR (1981)	2361.067	CSBM MON 6IN UP 28FT N C/L AVE E & 259FT W C/L 115TH ST E 51FT E CTR DIRT RD TO HSE 11337 MKD (BM 106-117 1959) 2IN IP MKR 2FT N	CL 1160
LANCASTR (1981)	2355.702	CSBM MON DN 6IN 24FT N & 3FT E/O C/L INT AVE E & 110TH ST E MKD (BM 106-118 1959) 2IN IP MKR 1FT S	CL 1161
LANCASTR (1981)	2348.195	CSBM MON 6IN UP 48FT N & 22FT E C/L INT AVE E & 100TH ST E MKD (BM)106-120 1959)	CL 1163
LANCASTR (1981)	2342.305	CSBM MON 2IN UP 21FT S & 247FT W C/L INT AVE E & 95TH ST E MKD (BM 106-121 1959) 2IN IP MKR 1FT N	CL 1164
LANCASTR (1981)	2341.409	CSBM MON 6IN UP 46FT S & 32FT E C/L INT AVE E & 90TH ST E MKD (BM 106-122 1959)	CL 1165A
LANCASTR (1981)	2346.213	RDBM TAG IN CONC FTG FLUSH 50FT S & 53FT E/O C/L INT 90TH ST E & AVE E-8	CL 1167A
LANCASTR (1981)	2354.868	CSBM MON 2IN UP 30FT N & 72FT E C/L INT AVE F & 90TH ST E MKD (BM 116-6 1961)	CL 1168A
LANCASTR (1981)	2364.311	CSBM MON 3IN UP 72FT N & 30FT E C/L INT 90TH ST E & AVE F-8 MKD (BM 116-5 1961)	CL 1169A
LANCASTR (1981)	2373.800	CSBM MON 2IN UP 27FT W C/L 90TH ST E & 70FT S C/L AVE G MKD (BM 116-4 1961)	CL 1170A
LANCASTR (1981)	2382.750	CSBM MON 4IN UP 20FT S & 80FT E C/L INT 90TH ST E & AVE G-8 MKD (BM 116-3 1961)	CL 1171A

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
LANCASTR (1981)	2393.893	CSBM MON FL 35FT N & 115FT E C/L INT 90TH ST & AVE H MKD (BM 116-2 1961)	CL 1172A
LANCASTR (1981)	2401.523	CSBM MON FL 155FT N & 30FT E/O C/L INT 90TH ST E & FUT AVE H-8 MKD (116-1 1961) 2IN IP MARKER 1FT W	CL 1173A
LANCASTR (1981)	2412.335	CSBM MON FL 30FT S & 68FT W C/L INT 90TH ST E & AVE I MKD (BM 107-26 1961) 2IN IP MARKER 3FT E	CL 1174A
LANCASTR (1981)	2423.021	CSBM MON 2IN UP 550FT N & 35FT E C/L INT 90TH ST E & AVE I-8 MKD (BM 107-25 1961) 2IN IP MARKER 3FT E	CL 1175A
LANCASTR (1981)	2455.246	CSBM MON 4IN UP 29FT S & 90FT W C/L INT 90TH ST E & AVE J-8 MKD (BM 107-23 1961)	CL 1177A
LANCASTR (1981)	2474.941	CSBM MON FL 60FT S & 27FT W C/L INT 90TH ST E & AVE K MKD (BM 107-22 1961)	CL 1178A
LANCASTR (1981)	2490.114	CSBM MON 3IN UP 45FT S & 33FT E C/L INT 90TH ST E & AVE K-8 MKD (BM 107-21 1961)	CL 1179A
LANCASTR (1981)	2497.995	CSBM MON 6IN DN 35FT S & 66FT W/O C/L INT 90TH ST E & AVE L MKD (BM 107-20 1961)	CL 1180A
LANCASTR (1981)	2513.218	CSBM MON FL 35FT N & 34FT E C/L INT 90TH ST E & AVE L-8 MKD (BM 107-19 1961)	CL 1181A
BASELINE (1973)	2525.992	CSBM MON 4IN UP 36FT N C/L AVE M & 36FT E C/L 90TH ST E MKD (BM 107-18 1961)	CL 1182
BASELINE (1973)	2536.604	CSBM MON 4IN UP ON NE COR 90TH ST E & AVE M-8 40FT N & 38FT E C/L INT MKD (BM 107-17 1961)	CL 1183
BASELINE (1973)	2554.780	CSBM MON 4IN UP 40FT S C/L AVE N & 30FT W C/L 90TH ST E MKD (BM 107-16 1961)	CL 1184
BASELINE (1973)	2560.529	CSBM MON 6IN UP 25FT S C/L AVE M & 60FT E C/L 90TH ST E MKD (BM 107-15 1961)	CL 1185
BASELINE (1973)	2577.099	CSBM MON 6IN UP ON NE COR 90TH ST E & AVE O 237FT N & 37FT E C/L INT MKD (BM 107-14 1961)	CL 1186
LANCASTR (1981)	2530.018	CS MON IN WELL 26IN DN @ C/L INT AVE M & 95TH ST E MKD (CO SURV 1/4 SEC COR 32 5 T6N T7N R10W) USE N EDGE	CL 2036
LANCASTR (1981)	2532.881	CSBM MON 4IN UP 38FT S & 89FT E C/L INT AVE M & 95TH ST E MKD (BM 122-1 1961) 2IN IP MKR 2FT N	CL 2037

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
LANCASTR (1981)	2539.162	CS MON 8IN DN IN WELL @ C/L INT AVE M & 100TH ST E MKD. (CO SURV 32 33 5 4 T6N T7N R10W 1925) USE E EDGE	CL 2038
LANCASTR (1981)	2541.311	CSBM MON 4IN UP @ SE COR AVE M & 100TH ST E 26FT S & 75FT E C/L INT MKD (BM 122-2 1961) 2IN IP MKR 3FT UP 2FT N	CL 2039
LANCASTR (1981)	2546.986	CSBM MON 4IN UP @ SE COR AVE M & 105TH ST E 66FT E & 28FT S C/L INT MKD (BM 122-3 1961) 2IN IP MKR 3FT UP 2FT N	CL 2040
LANCASTR (1981)	2549.853	CSBM MON 48IN DN 48FT S & 52FT E C/L INT 110TH ST E & AVE M MKD (BM 122-4 1961 RE 5869) 2IN IP MKR 2FT N	CL 2041
LANCASTR (1981)	2546.537	CS MON 7IN UP @ C/L INT AVE M & 120TH ST E MKD (CO SURV 34 35 3 2 T6N T7N R10W) 2IN IP MARKER 3FT UP 2FT S	CL 2043
LANCASTR (1981)	2537.636	CS MON 12IN UP @ C/L INT AVE M & 125TH ST E MKD (CO SURV 1/4 SEC COR 2 35 T6N T7N R10W) USE N EDGE	CL 2044
LANCASTR (1981)	2537.774	CS MON 2IN UP @ C/L INT AVE M & 130TH ST E MKD CO SURV 36 35 2 1 T6N T7N R10W)	CL 2045
LANCASTR (1981)	2551.758	CS MON 3IN UP @ C/L INT AVE M & 135TH ST E MKD (CO SURV 1/4 SEC COR 36 1 T6N T7N R10W) USE E EDGE 2IN IP MKR 2FT NE	CL 2046
LANCASTR (1981)	2688.732	2IN IP WITH CUT SPK IN CONC 6IN UP @ 1/4 COR 31 6 R9W T6N T7N (FUT C/L INT AVE M & 145TH ST E)	CL 2048
BASELINE (1973)	2575.606	CSBM MON 2IN DN ON NE COR AVE M & 150TH ST E 53FT N & 33FT E C/L INT MKD (BM 115-11 1961)	CL 2049
BASELINE (1973)	2575.643	CS MON IN WELL @ C/L INT AVE M & FUT 155TH ST E MKD (1/4 SEC COR 32 5 T6N T7N R9W)	CL 2050
BASELINE (1973)	2579.269	2IN IP CONC PLUG & NAIL 8IN UP ON NE COR AVE M & FUT 155TH ST E 50FT N & 50FT E C/L INT CHIZ X ON E EDGE	CL 2051
BASELINE (1973)	2576.988	2IN IP CONC PLUG & NAIL 8IN UP ON SW COR AVE M & FUT 160TH ST E 50FT S & 50FT W C/L INT CHIZ X ON W EDGE	CL 2052
BASELINE (1973)	2577.055	2IN IP CONC PLUG & NAIL 8IN UP ON NE COR AVE M & FUT 160TH ST E 50FT N & 50FT E C/L INT	CL 2053

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1973)	2577.769	2IN IP CONC PLUG & NAIL FLUSH ON SW COR AVE M & FUT 165TH ST E 50FT S & 50FT W C/L INT	CL 2054
BASELINE (1973)	2578.007	2IN IP CONC PLUG & NAIL 6IN UP ON NE COR AVE M & FUT 165TH ST E 50FT N & 50FT E C/L INT	CL 2055
LANCASTR (1981)	2561.150	CS MON IN WELL 18IN DN @ C/L INT 170TH ST E & AVE K-8 MKD (CO SURV 1/4 SEC COR 27 28 R9W T7N)	CL 2109
LANCASTR (1981)	2531.175	CSBM MON IN WELL 14IN DN 17FT S & 33FT E C/L INT 150TH ST E & AVE K-8 MKD (BM 115-14 1961) 2IN IP MKR 3FT UP 2FT E	CL 2110
LANCASTR (1981)	2488.850	CS MON IN WELL 8IN DN @ C/L INT AVE J & 150TH ST E MKD (CO SURV 17 18 19 20 R9W T7N) USE NE EDGE	CL 2160
LANCASTR (1981)	2488.963	CS MON IN WELL 11IN DN @ C/L INT AVE J & FUT 145TH ST E MKD (1/4 COR 18 19 R9W T7N) USE W EDGE	CL 2161
LANCASTR (1981)	2451.637	2IN IP 6IN UP ON C/L PROD AVE G-8 50FT E C/L 140TH ST E (USE P.M. ON N EDGE) 2IN IP MKR 1FT E	CL 2162
LANCASTR (1981)	2455.239	2IN IP 6IN UP 50FT W/O 140TH ST E ON C/L FUT AVE F-8 (USE S EDGE) 2IN IP MKR 1FT NE	CL 2163
LANCASTR (1981)	2461.590	2IN IP 6IN UP W/CONC PLUG & NAIL 50FT N & 50FT E C/L INT 140TH ST E & AVE E-8 (CHIS X ON W EDGE) 2IN IP MKR 1FT NW	CL 2164
LANCASTR (1981)	2340.948	L&T S END GAS PUMP ISL @ NE COR 90TH ST E & AVE E 75FT N & 80FT E C/L INT	CL 2165A
LANCASTR (1981)	2346.268	CS MON FLUSH ON SW COR 90TH ST E & AVE E-8 56FT S & 27FT W C/L INT MKD (BM 116-7 1961)	CL 2166A
LANCASTR (1981)	2382.187	CS MON IN WELL 11IN DN @ C/L INT 90TH ST E & AVE G-8 MKD (1/4 SEC COR 5 6 R10W T7N RE 5869) USE N EDGE	CL 2167A
LANCASTR (1981)	2400.058	CS MON IN WELL 9IN DN @ C/L INT 90TH ST E & FUT AVE H-8 MKD (1/4 COR 7 8 T7N R10W RE 5869) USE W EDGE	CL 2168A
LANCASTR (1981)	2445.684	2IN IP & CS TAG 4IN UP @ NW COR AVE J & 95TH ST E 40FT N & 40FT W/O C/L INT (USE E EDGE) 2IN IP MKR 1FT S	CL 2169
LANCASTR (1981)	2488.466	CS MON (S EDGE) IN WELL 8IN DN @ C/L INT 90TH ST E & AVE K-8 MKD (CO SURV 1/4 SEC COR 29 30 R10W T7N)	CL 2189A

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
LANCASTR (1981)	2511.798	CS MON IN WELL 11IN DN @ C/L INT 90TH ST E & FUT AVE L-8 MKD (CO CURV 1/4 31 32 R10W T7N)	CL 2190A
LANCASTR (1981)	2432.795	2IN IP & BOLT IN WELL 15IN DN @ C/L INT AVE H & 135TH ST E	CL 2337
LANCASTR (1981)	2433.891	2IN IP CONC PLUG WITH 32 CALIBER CARTRIDGE 4IN UP ON C/L 135TH ST E 40FT N/O C/L AVE H (USE N EDGE)	CL 2338
LANCASTR (1981)	2430.548	L&T W SIDE STANDPIPE @ NE COR AVE H & 130TH ST E 62FT N & 82FT E C/L INT	CL 2339
LANCASTR (1981)	2426.481	CS MON IN WELL 12 IN DN @ C/L INT AVE H & 130TH ST E MKD (CO SURV SEC COR 1 2 12 11 R10W T7N) USE E EDGE	CL 2340
LANCASTR (1981)	2428.769	2IN IP CONC PLUG & CS TAG @ SE COR AVE H & 125TH ST E 40FT E & 40FT S/O C/L INT 2IN IP MKR 1FT N	CL 2341
LANCASTR (1981)	2425.248	CS MON IN WELL 6IN DN @ C/L INT AVE H & 125TH ST E MKD (1/4 COR 2 11 R10W T7N RE 5869) USE N EDGE	CL 2342
LANCASTR (1981)	2417.725	2IN IP CONC PL & N 4IN UP @ SE COR AVE H & 120TH ST E 50FT S & 50FT E C/L INT USE NW EDGE 2IN IP MKR 1FT N	CL 2343
LANCASTR (1981)	2416.452	CS MON IN WELL 18IN DN @ C/L INT AVE H & 120TH ST E MKD (CO SURV 3 2 10 11 R10W T7N) USE N EDGE	CL 2344
LANCASTR (1981)	2415.244	2IN IP CONC PLUG & NAIL (S EDGE) 9IN UP @ SE COR 115TH ST E & AVE H 40FT S & 40FT E/O C/L INT 2IN IP MKR 1FT N	CL 2345
LANCASTR (1981)	2412.631	CS MON (N EDGE) IN WELL 18IN DN @ C/L INT 115TH ST E & AVE H MKD (1/4 COR 3 10 R10W T7N)	CL 2346
LANCASTR (1981)	2410.875	CS MON IN WELL 6IN DN @ C/L INT 110TH ST E & AVE H MKD (CO SURV 4 3 9 10 R10W T7N)USE E EDGE USE E EDGE	CL 2347
LANCASTR (1981)	2412.238	2IN IP CONC PLUG & NAIL (SE EDGE) 6IN UP @ NW COR AVE H & 110TH ST E 39FT N & 40FT W/O C/L INT STEEL MKR POST 1FT S	CL 2348
LANCASTR (1981)	2396.815	CS MON IN WELL 12IN DN @ C/L INT AVE H & 100TH ST E MKD (5 4 8 9 R10W T7N) USE E EDGE	CL 2350
LANCASTR (1981)	2394.666	CS MON IN WELL 8IN DN @ C/L INT AVE H & FUT 95TH ST E MKD (1/4 COR 5 8 T7N R10W) USE E EDGE	CL 2351

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
LANCASTR (1981)	2374.386	2IN IP CONC PL & CS TAG 8IN UP 50FT N & 50FT E C/L INT 120TH ST E & AVE E-8 2IN IP MKR 1FT W	CL 2352
LANCASTR (1981)	2373.815	CS MON IN WELL 8IN DN @ C/L INT 120TH ST E & FUT AVE E-8 MKD (1/4 COR 26 27 R10W T8N RE 5869) USE E EDGE	CL 2353
LANCASTR (1981)	2380.422	2IN IP CONC PL & CS TAG 8IN UP 50FT S & 50FT E C/L INT 120TH ST E & AVE F (USE X ON NE EDGE) 2IN IP MKR 1FT W	CL 2355
LANCASTR (1981)	2389.761	CS MON IN WELL 15IN DN @ C/L INT 120TH ST E & FUT AVE F-8 MKD (1/4 SEC COR 34 35 T8N R10W RE 62) USE E EDGE	CL 2356
LANCASTR (1981)	2391.685	2IN IP & CS TAG 10IN UP 50FT S & 50FT W C/L INT 120TH ST E & AVE F-8 CHIS X ON NE EDGE 2IN IP MKR 1FT E	CL 2357
LANCASTR (1981)	2408.958	2IN IP CONC PL & N 10IN UP 40FT S & 40FT E C/L INT 120TH ST E & AVE G-8 (USE E EDGE) 2IN IP MKR 1FT N	CL 2360
LANCASTR (1981)	2521.174	CSBM MON NW COR CONC WATER VALVE VAULT 55FT E & 30FT S C/L INT AVE G & 145TH ST E MKD (BM 124-1 1966)	CL 2380
LANCASTR (1981)	2597.886	RDBM TAG NW COR CONC WATER VALVE VAULT 31FT S & 77FT E C/L INT AVE G & 150TH ST E	CL 2382
LANCASTR (1981)	2672.438	CSBM MON FL 31FT N & 60FT E C/L INT AVE G & 155TH ST E MKD (BM 124-3 1966)	CL 2384
LANCASTR (1981)	2747.176	RDBM TAG CONC BASE FIRE HYD 32FT S & 81FT E C/L INT AVE G & 160TH ST E	CL 2386
LANCASTR (1981)	2849.400	BOLT IN WELL 19IN DN @ C/L INT AVE G & 165TH ST E	CL 2387
LANCASTR (1981)	2855.733	CSBM MON FLUSH @ NE COR AVE G & 165TH ST E 134FT E & 29FT N C/L INT MKD (BM 124-5 1966)	CL 2388
LANCASTR (1981)	2932.226	CS MON (E EDGE) IN WELL 22IN DN @ C/L INT AVE G & 170TH ST E MKD (SEC COR 33 34 4 3 T7N T8N R9W)	CL 2389
LANCASTR (1981)	2935.463	RDBM TAG IN NW COR CONC BASE OF VALVE VAULT @ SE COR AVE G & 170TH ST E 80FT E & 30FT S C/L INT	CL 2390
LANCASTR (1981)	2973.602	CS MON IN WELL 6IN DN @ C/L INT AVE G & 175TH ST E MKD (1/4 COR 34 3 R9W T8N T7N) USE W EDGE	CL 2391

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LANCASTR (1981)	2974.869	RDBM TAG NW COR CONC BASE OF FIRE HYD @ SE COR AVE G & 175TH ST E 60FT E & 33FT S C/L INT	CL 2392
LANCASTR (1981)	3047.986	CS MON (S EDGE) IN WELL 14IN DN @ C/L INT AVE G & 180TH ST E MKD (SEC COR 34 35 3 2 R9W T8N T7N)	CL 2393
LANCASTR (1981)	3052.475	RDBM TAG NW COR CONC BASE OF FIRE HYD @ SE COR AVE G & 180TH ST E 80FT E & 32FT S C/L INT	CL 2394
LANCASTR (1981)	3088.148	CS MON (N EDGE) IN WELL 17IN DN @ C/L INT AVE G & 185TH ST E MKD (1/4 COR 35 2 R9W T8N T7N)	CL 2395
LANCASTR (1981)	3090.207	RDBM TAG NW COR CONC BASE OF FIRE HYD @ SE COR AVE G & 185TH ST E 58FT E & 32FT S C/L INT	CL 2396
LANCASTR (1981)	3126.784	CS MON (NE EDGE) IN WELL 18IN DN @ C/L INT AVE G & 190TH ST E MKD (35 36 2 1 T8N T7N R9W)	CL 2397
LANCASTR (1981)	3126.056	2IN IP CONC PLUG & CS TAG (S EDGE) 4IN UP @ NE COR AVE G & 190TH ST E 50FT N & 50FT E C/L INT 2IN IP MKR 1FT S	CL 2398
LANCASTR (1981)	3072.237	CS MON (E EDGE) IN WELL 19IN DN @ C/L INT AVE G & 195TH ST E MKD (1/4 COR 36 1 T7N T8N R9W)	CL 2399
LANCASTR (1981)	3074.130	2IN IP CONC PLUG & CS TAG 8IN UP @ SW COR AVE G & 195TH ST E 50FT S & 50FT W/O C/L INT 2IN IP MKR 2FT N	CL 2400
LANCASTR (1981)	3043.888	CS MON (N EDGE) IN WELL 18IN DN @ C/L INT AVE G & 200TH ST E MKD (SEC COR 36 31 1 6 T7N T8N R8W R9W 1927)	CL 2401
LANCASTR (1981)	3047.210	2IN IP CONC PLUG & BRAD 4IN UP @ SW COR AVE G & 200TH ST E 50FT S & 50FT W C/L INT (USE E EDGE) 2IN MKR 2FT N	CL 2402
LANCASTR (1981)	3030.671	CS MON (SW EDGE) IN WELL 6IN DN @ C/L INT 200TH ST E & AVE G-8 MKD (1/4 COR 1 6 T7N R8W R9W)	CL 2403
LANCASTR (1981)	3028.340	2IN IP (S EDGE) 3IN UP @ SW COR 200TH ST E & AVE G-8 50FT S & 50FT W C/L INT	CL 2404
LANCASTR (1981)	2994.919	CS MON (S EDGE) IN WELL 8IN DN @ C/L INT 200TH ST E & AVE H MKD (SEC COR 1 6 12 7 R8W R9W T7N)	CL 2405
LANCASTR (1981)	2996.689	1 1/2IN IP CONC PLUG & NAIL @ SW COR 200TH ST E & AVE H 50FT S & 50FT W C/L INT	CL 2406
LANCASTR (1981)	2971.012	CS MON (S EDGE) IN WELL 10IN DN @ C/L INT 200TH ST E & AVE H-8 MKD (1/4 COR 12 7 T7N R9W R8W)	CL 2407