

COUNTY OF LOS ANGELES

ROAD DEPARTMENT

PRECISE
BENCH MARK LIST



LANCASTER QUAD
EAST
1975 ADJUSTMENT

(1977 RE-ADJUSTMENT)

N O T E

In lieu of a complete readjustment of this Quad in 1977, alterations were applied to 1975 elevations in high subsidence pockets. These changes are reflected by the "As and Ds" following the bench numbers i.e. CL 2240 A and CL 2241 D. The "A" benches are compatible with the 1975 adjustment of the unlettered benches and the "D" benches. The "D" benches are compatible with the closest "A" bench and other "D" benches but not the unlettered benches.

PREFACE

The Road Department level net is composed of more than 2,000 miles of levels supporting in excess of 12,000 bench marks. In 1975, a major readjustment of the net was undertaken. To emphasize the complete break with previous elevations, the BY,BG & BL series bench marks have been relabeled CY,CG & CL, respectively.

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 adjustment of the elevation must be included in the bench mark description, e.g.,

CG 6234 --L&BN IN CONC HDWL OF DRAIN PIPE UNDER DR 218 FT
NE&18 FT SE C/L INT GRAND AVE & CAMERON AVE MKD (BM)
(COVINA -1975) ELEV. 696.238

Experience indicates that this general adjustment will, for the most part, remain sound for the next 10 years. Updating constrained adjustments will be made in 5 years. It is expected that these updating adjustments will be in the nature of a few hundredths of a foot. When a quad is readjustment, new elevation lists will be published and the date of the readjustment will replace the "1975" at the end of the bench mark description. Two bench marks with different adjustment dates will not normally agree with each other.

The basic accuracy 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 600 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 of 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.

— — — — — Native of Norway

西漢書卷之三

E.O. 14176 - DATUM U.S. Coast and Geodetic Survey

~~10~~ - 1000000 = Middle of 1000000

E/O - - - - - DATUM U. S. Coast and Geodetic Survey Sea Level-Datum
of 1929, through the medium of the Los Angeles
EOP

ABBREVIATIONS USED IN BENCH MARK LISTINGS

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

ABBREVIATIONS USED IN BENCH MARK LISTINGS . . . CONTINUED

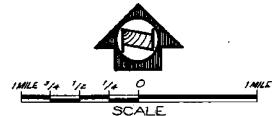
NR - - - - - Near
OPP - - - - - Opposite
PI - - - - - Point of Intersection
PK&W - - - - - PK Nail and Washer
P/L - - - - - Property Line
POST - - - - - Point on Semi-Tangent
PP - - - - - Power Pole
PVMT - - - - - Pavement
PROD - - - - - Produced
RD - - - - - Road
RDBM - - - - - Road Dept. Bench Mark
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

C O U N T Y

MASTER

QUAD

1-27-78



K E R N

LANCAST

E A S T

D A U G

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SURVEY SECTION

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QUAD-YEAR ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE 2575.893 (1973)	RDBM TAG CONC FTG OF 8FT CHAIN LINK FENCE AROUND CL EDISON SUB STA 30FT S & 30FT E C/L INT OF 90TH ST E & AVE O	230
BASELINE 2560.281 (1973)	CS MON IN WELL 10IN DN @ C/L INT 90TH ST E & AVE CL N-8 MKD (1/4 COR 7 8 T6N R10W)	235
BASELINE 2535.607 (1973)	CS MON IN WELL 18IN DN @ C/L INT 90TH ST E & AVE CL M-8 MKD (1/4 COR 5 6 T6N R10W)	242
BASELINE 2536.511 (1973)	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 2441.061 (1975)	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 271D
LANCASTR 2423.929 (1975)	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 274D
LANCASTR 2411.406 (1975)	CSMON 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 278D
LANCASTR 2392.012 (1975)	CS MON IN WELL 19IN DN @ C/L INT 90TH ST E & AVE H MKD (CO SURV 5 6 7 8 T7N R10W)	CL 286
LANCASTR 2392.965 (1975)	RDBM TAG @ CTR OF OLD CONC BASE OF MTR MOUNT 40FT W C/L 90TH ST E & 100FT N C/L AVE H	CL 287D
LANCASTR 2354.262 (1975)	L&T IN S EDGE CONC SLAB UNDER WATER TOWER 45FT N & 95FT W C/L INT 90TH ST E & AVE F MKD (SLBM)	CL 433
LANCASTR 2353.572 (1975)	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 434D
LANCASTR 2364.074 (1975)	2IN IP CONC PLUG & BT SPK IN WELL 15IN DN @ C/L INT 90TH ST E & AVE F-8 (USE SPK)	CL 436D
LANCASTR 2373.241 (1975)	RD MON IN WELL WITH CONC COLLAR @ SE COR 90TH ST E & AVE G 30FT E & 40FT S C/L INT MKD (1958)	CL 438D
LANCASTR 2384.265 (1975)	2IN IP IN CONC W/BR CAP ON C/L AVE G-8 30FT W C/L 90TH ST E MKD (CO SURV W C SEC 6 R10W T7N4	CL 439
LANCASTR 2450.270 (1975)	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 545D
LANCASTR 2447.384 (1975)	L&T 2IN DN @ C/L INT AVE J & 100TH ST E	CL 546D

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QUAD-YEAR ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
LANCASTR 2465.906 RDBM TAG CONC PUMP BASE (OLD) 60FT W C/L 100TH (1975) ST E & 130FT N C/L AVE J-8		CL 547D
LANCASTR 2463.494 LACS MON IN WELL 14IN DN @ C/L INT 100TH ST E & (1975) AVE J-8 MKD(1/4 COR 20 21 R10W T7N) USE E EDGE		CL 548D
LANCASTR 2478.164 CS MON 12IN DN @ C/L INT 100TH ST E & AVE K MKD (1975) (T7N R10W 20-21-28-29 SEC COR) USE W EDGE		CL 549D
LANCASTR 2479.759 L&T CONC PORCH TO HSE NO 9861 40FT N & 45FT W (1975) C/L INT 100TH ST E & AVE K MKD(BM)		CL 550D
LANCASTR 2474.429 CS MON (S EDGE) IN WELL 18IN DN @ C/L INT AVE K (1975) & 95TH ST E PROP MKD (1/4 COR 20 29 T7N R10W)		CL 552D
BASELINE 2646.473 RDBM MON IN WELL W/COVER 5FT N PP NO 799921E (1973) 38FT N C/L AVE O & 365FT W 150TH ST E 2IN IP WITNESS 3FT UP 2FT N		CL 1014
BASELINE 2606.235 USC&GS MON IN TOP OF 6IN CONC POST FL 26FT E C/L CL (1973) 180TH ST E (DIRT RD) 32FT S C/L AVE M MKD(L S 18 1929-RESET 1941)		1064
BASELINE 2593.844 CSBM MON 6IN UP 30FT N C/L AVE M & 34FT W C/L (1973) 175TH ST E 39FT SW 2IN IP WITH CS TAG 12IN UP MKD (BM 106-89 1959)		CL 1065
BASELINE 2584.352 CSBM MON 6IN UP ON SW COR AVE M & 170TH ST E (1973) 124FT S & 23FT W C/L INT MKD (BM 106-90 1959)		CL 1066
LANCASTR 2581.067 CS MON IN WELL 12IN DN @ C/L INT 170TH ST E & (1975) AVE L-8 MKD (1/4 COR 33 34 T7N R9W RE 5869)		CL 1067
LANCASTR 2578.297 CS MON IN WELL 13IN DN @ C/L INT 170TH ST E & (1975) AVE L MKD (33 34 27 28 R9W T7N RE 5869)		CL 1068
LANCASTR 2561.687 USGS MON 6IN UP 27FT S C/L AVE K-8 & 250FT W (1975) C/L 170TH ST E 7FT SW PP 423619 MKD (LS 17 1929)		CL 1069
LANCASTR 2551.606 CSBM MON 6IN UP 19FT S C/L AVE K-8 & 0.5MI W (1975) 170TH ST E MKD (BM 106-94 1959)		CL 1070
LANCASTR 2538.702 CSBM MON 6IN UP 18FT W C/L 160TH ST E & 550FT N (1975) AVE K-8 3FT S PP 423723E MKD (BM 106-95 1959)		CL 1071
LANCASTR 2533.964 CSBM MON 6IN UP 23FT N C/L AVE K & 205FT W C/L (1975) 160TH ST E 5FT N PP 423712E MKD (BM 106-96 1959)		CL 1072
LANCASTR 2525.892 CSBM MON 6IN UP 23FT N C/L AVE K & 16FT E C/L (1975) 155TH ST E 5FT N PP K7746Y 74FT SE WATER WELL SHAFT MKD (BM 106-97A 1959) USE W EDGE		CL 1073

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QUAD-YEAR ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
LANCASTR 2516.622 CSBM MON 6 IN UP 83FT N & 17FT E C/L INT 150TH (1975) ST E & AVE K MKD (BM 106-98 1959)		CL 1074
LANCASTR 2441.937 CS BM MON 4IN UP 45FT N & 40FT E C/L INT 90TH (1975) ST E & AVE J MKD (BM 107-24 1961)		CL 1075D
LANCASTR 2460.940 RD BR CAP MON IN WELL W/COVER 5FT E PP NO K8333Y CL 1076D (1975) 30FT N C/L AVE J & 195FT W C/L 105TH ST E (PROP) 2IN IP WITNESS 3FT UP 2FT N		
LANCASTR 2457.723 RD BR CAP MON IN WELL W/COVER 5FT W PP NO K8335Y CL 1077D (1975) 30FT N C/L AVE J & 200FT E C/L 105TH ST E (PROP) 2IN IP WITNESS 3FT UP 2FT N		
LANCASTR 2451.728 CS MON IN WELL 15IN DN @ C/L INT AVE J & 110TH (1975) ST E MKD (CO SURV 15 16 21 22 T7N R10W 1925) USE W EDGE		CL 1078D
LANCASTR 2458.972 RD MON IN WELL W/COVER 4FT E PP NO 918158E 30FT CL 1080D (1975) N C/L AVE J & 105FT W C/L 115TH ST E (PROP) 2IN IP WITNESS 3FT UP 2FT N		
LANCASTR 2457.392 RD MON IN WELL W/COVER 4FT W PP NO 918590E 30FT CL 1081D (1975) N C/L AVE J & 190FT E C/L 115TH ST E (PROP) 2IN IP WITNESS 3FT UP 2FT N		
LANCASTR 2458.985 RD MON IN WELL 13FT E PP NO 918598E 30FT N C/L CL 1082D (1975) AVE J & 66FT W C/L 120TH ST E (PROP) 2IN IP WITNESS 3FT UP 2FT N		
LANCASTR 2457.373 RD MON IN WELL W/COVER 5FT W PP NO 1048308E CL 1083D (1975) 30FT N C/L AVE J & 195FT E C/L 120TH ST E (PROP) 2IN IP WITNESS 3FT UP 2FT N		
LANCASTR 2462.102 RD MON IN WELL W/COVER 7FT E PP NO 1048301E CL 1084A (1975) 30FT N C/L AVE J & 180FT W C/L 125TH ST E 2IN IP WITNESS 3FT UP 2FT N		
LANCASTR 2462.984 RD MON IN WELL W/COVER 7FT W PP NO 1014867E 30FT CL 1085 (1975) N C/L AVE J & 145FT E C/L 125TH ST E 2IN IP MKR 3FT UP 2FT N		
LANCASTR 2465.734 CS MON IN WELL @ C/L INT AVE J & 130TH ST E CL 1087 (1975) MKD (CO SURV 13 14 23 24 T7N R10W RE 2177) 18IN DN		
LANCASTR 2473.516 CS MON IN WELL @ C/L INT AVE J & 135TH ST E MKD CL 1088 (1975) (1/4 COR 13 24 T7N R10W)		
LANCASTR 2477.182 RD MON IN WELL W/COVER 5FT NE PP NO 1014874E CL 1089 (1975) 35FT N C/L AVE J & 360FT E 135TH ST E 2IN IP WITNESS 3FT UP 2FT N		

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QUAD-YEAR ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
LANCASTR 2484.203 CS MON IN WELL @ C/L INT AVE J & 140TH ST E MKD CL 1090 (1975) (13 24 18 19 T7N R10W R9W)		
LANCASTR 2487.133 CSBM MON 6IN UP ON NW COR AVE J & 140TH ST E 90F CL 1091 (1975) N & 35FT W C/L INT MKD (BM 106-102 1959)		
LANCASTR 2488.476 CSBM MON 6IN UP 39FT S C/L AVE J NR C/L 145TH ST CL 1092 (1975) E 57FT S PP 390499E MKD (BM 106-101 1959)		
LANCASTR 2490.682 CSBM MON 6IN UP ON SE COR AVE J & 150TH ST E 18F CL 1093 (1975) E & 39FT S C/L INT (MKD BM 106-100 1959)		
LANCASTR 2503.652 CSBM MON 2IN DN 19FT E C/L 150TH ST E @ DIRT RD CL 1094 (1975) 0.5MI N AVE K 4FT E PP 951510E MKD (BM 106-99 1959)		
LANCASTR 2516.331 L&T SE COR OF 3FT SQ CONC SLAB 52FT W C/L 150TH CL 1095 (1975) ST E & 140FT N C/L AVE K		
LANCASTR 2529.502 RDBM MON IN WELL 100FT N & 35FT E C/L INT CL 1096 (1975) 150TH ST E & AVE K-8 MKD (1960)		
LANCASTR 2530.862 RDBM MON IN WELL 100FT S & 35FT E C/L INT CL 1097 (1975) 150TH ST E & AVE K-8 MKD (1960)		
LANCASTR 2548.098 RDBM MON IN WELL 35FT E/O & 100FT N/O C/L INT CL 1098 (1975) 150TH ST E & AVE L MKD (1960)		
LANCASTR 2547.170 CS MON IN WELL 20IN DN C/L INT 150TH ST E & (1975) AVE L MKD (CO SURV 29 30 31 32 T7N R9W 1927)		CL 1099
LANCASTR 2560.692 CS MON IN WELL 8IN DN @ C/L INT 150TH ST E & (1975) AVE L-8 MKD (1/4 COR 31 32 T7N R9W RE 5869)		CL 1101
BASELINE 2575.335 CS MON IN WELL 8IN DN @ C/L INT AVE M & 150TH ST CL 1102 (1973) E MKD (SEC COR 31 32 5 6 T6N T7N R9W)		
BASELINE 2576.019 RDBM MON IN WELL 193FT S & 28FT E C/L INT AVE CL 1103 (1973) M & 150TH ST E MKD (1960)		
BASELINE 2587.119 L&T IN CONC DRWY @ GATE TO FARM HSE 50FT N C/L CL 1105 (1973) AVE M-8 (DIRT RD) & 360FT E C/L 150TH ST E 1FT E/O W END OF CONC		
BASELINE 2602.819 RDBM MON IN WELL W/COVER 5FT NE PP NO X1181E CL 1106 (1973) 25FT E C/L 150TH ST E & 270FT N AVE N (DIRT RD) 2IN IP WITNESS 3FT UP 2FT E		
BASELINE 2614.562 RDBM MON IN WELL W/COVER 5FT SE PP NO 799849E CL 1108 (1973) 25FT E C/L 150TH ST E & 175FT N C/L AVE N-8 (UNIMPROVED) 2IN IP WITNESS 3FT UP 2FT E		

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QUAD-YEAR ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE 2647.844 L&T IN CONC STANDPIPE 35FT N C/L AVE 0 & 17FT W CL (1973) C/L 145TH ST E		1111
LANCASTR 2469.636 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 2468.912 CSBM MON 6IN UP 32FT W C/L 140TH ST E & 690FT N AVE I-8 4FT S PP 1014882E MKD (BM 106-103 1959)		CL 1142
LANCASTR 2459.133 CS MON IN WELL 21IN DN @ C/L INT 140TH ST E & FUT AVE I MKD (SEC COR 12 13 17 18 R10W T7N) USE W EDGE		CL 1143
LANCASTR 2449.479 CS MON IN WELL 9IN DN @ C/L INT 140TH ST E & AVE CL H-8 225FT S OF S SIDE PROD HSE 45615 MKD (1/4 COR 12 7 R10W R9W T7N)		1144
LANCASTR 2441.892 CSBM MON 6IN UP @ NW COR 140TH ST E & AVE H 33FT CL W & 68FT N C/L INT MKD (BM 106-106 1959)		1145
LANCASTR 2440.410 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 2449.129 CS MON IN WELL 21IN DN ON C/L 140TH ST E 10FT S C/L AVE G-8 65FT SE PP 767477E & 80FT SW PP 878100E MKD (1/4 COR 1 6 R10W R9W T7N)		CL 1147
LANCASTR 2451.398 CSBM MON 4IN DN ON NW COR 140TH ST E & AVE G 60FT W & 32FT N C/L INT MKD (BM 106-108 1959)		CL 1148
LANCASTR 2450.657 CS MON IN WELL 24IN DN @ C/L INT 140TH ST E & AVE G MKD (SEC COR 36 31 1 6 T7N T8N R9W R10W)		CL 1149
LANCASTR 2460.569 CSBM MON 6IN UP 49FT E C/L 140TH ST E & 31FT N C/L FUT AVE F MKD (BM 106-110 1959)		CL 1151
LANCASTR 2458.107 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)		CL 1152
LANCASTR 2424.212 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 2371.877 CSBM MON FL 45FT S C/L INT AVE E & 135TH ST E MKD (BM 106-113 1959)		CL 1156
LANCASTR 2367.437 CSBM MON FL 29FT S & 36FT W C/L INT AVE E & 130TH ST E MKD (BM 106-114 1959)		CL 1157D

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QUAD-YEAR ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
LANCASTR 2357.147 CSBM MON 16IN DN 25FT N & 196FT W C/L INT (1975) AVE E & 120TH ST E MKD (106-116 1959)		CL 1159D
LANCASTR 2361.340 CSBM MON 6IN UP 28FT N C/L AVE E & 259FT W C/L (1975) 115TH ST E 51FT E CTR DIRT RD TO HSE 11337 MKD (BM 106-117 1959)		CL 1160D
LANCASTR 2356.039 CSBM MON DN 6IN 24FT N & 3FT E/O C/L INT AVE E & CL (1975) 110TH ST E MKD (BM 106-118 1959)		1161D
LANCASTR 2348.609 CSBM MON 6IN UP 48FT N & 22FT E C/L INT AVE E (1975) & 100TH ST E MKD (BM)106-120 1959)		CL 1163D
LANCASTR 2342.779 CSBM MON 2IN UP 21FT S & 247FT W C/L INT AVE E (1975) & 95TH ST E MKD (BM 106-121 1959)		CL 1164D
LANCASTR 2341.869 CSBM MON 6IN UP 46FT S & 32FT E C/L INT AVE E (1975) & 90TH ST E MKD (BM 106-122 1959)		CL 1165D
LANCASTR 2346.695 RDBM TAG IN CONC FTG FLUSH 50FT S & 53FT E/O C/L CL (1975) INT 90TH ST E & AVE E-8		1167D
LANCASTR 2355.365 CSBM MON 2IN UP 30FT N & 77FT E C/L INT AVE F (1975) & 90TH ST E MKD (BM 116-6 1961)		CL 1168D
LANCASTR 2364.858 CSBM MON 3IN UP 80FT N & 30FT E C/L INT 90TH ST (1975) E & AVE F-8 MKD (BM 116-5 1961)		CL 1169D
LANCASTR 2374.372 CSBM MON 2IN UP 27FT W C/L 90TH ST E & 70FT S (1975) C/L AVE G MKD (BM 116-4 1961)		CL 1170D
LANCASTR 2383.413 CSBM MON 4IN UP 20FT S & 80FT E C/L INT 90TH ST (1975) E & AVE G-8 MKD (BM 116-3 1961)		CL 1171D
LANCASTR 2394.595 CSBM MON FL 35FT N & 115FT E C/L INT 90TH ST (1975) E & AVE H MKD (BM 116-2 1961)		CL 1172D
LANCASTR 2402.147 CSBM MON FL 155FT N & 30FT E/O C/L INT 90TH (1975) ST E & FUT AVE H-8 MKD(116-1 1961)		CL 1173D
LANCASTR 2412.927 CSBM MON FL 30FT S & 68FT W C/L INT 90TH ST (1975) E & AVE I MKD (BM 107-26 1961)		CL 1174D
LANCASTR 2423.595 CSBM MON 2IN UP 550FT N & 35FT E C/L INT 90TH (1975) ST E & AVE I-8 MKD (BM 107-25 1961)		CL 1175D
LANCASTR 2455.530 CSBM MON 4IN UP 29FT S & 90FT W C/L INT 90TH (1975) ST E & AVE J-8 MKD (BM 107-23 1961)		CL 1177D
LANCASTR 2475.116 CSBM MON FL 60FT S & 27FT W C/L INT 90TH ST E (1975) & AVE K MKD (BM 107-22 1961)		CL 1178

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QUAD-YEAR ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
LANCASTR 2490.246 CSBM MON 3IN UP 45FT S & 33FT E C/L INT 90TH (1975)	ST E & AVE K-8 MKD (BM 107-21 1961)	CL 1179
LANCASTR 2498.052 CSBM MON FL 30FT S & 60FT W C/L INT 90TH ST E (1975)	& AVE L MKD (BM 107-20 1961)	CL 1180
LANCASTR 2513.247 CSBM MON FL 35FT N & 34FT E C/L INT 90TH ST E (1975)	& AVE L-8 MKD (BM 107-19 1961)	CL 1181
BASELINE 2525.992 CSBM MON 4IN UP 36FT N C/L AVE M & 36FT E C/L (1973)	90TH ST E MKD (BM 107-18 1961)	CL 1182
BASELINE 2536.604 CSBM MON 4IN UP ON NE COR 90TH ST E & AVE M-8 (1973)	40FT N & 38FT E C/L INT MKD (BM 107-17 1961)	CL 1183
BASELINE 2554.780 CSBM MON 4IN UP 40FT S C/L AVE N & 30FT W C/L (1973)	90TH ST E MKD (BM 107-16 1961)	CL 1184
BASELINE 2560.529 CSBM MON 6IN UP 25FT S C/L AVE N-8 & 60FT E C/L (1973)	90TH ST E MKD (BM 107-15 1961)	CL 1185
BASELINE 2577.099 CSBM MON 6IN UP ON NE COR 90TH ST E & AVE O (1973)	237FT N & 37FT E C/L INT MKD (BM 107-14 1961)	CL 1186
LANCASTR 2530.015 CS MON IN WELL 26IN DN @ C/L INT AVE M & 95TH (1975)	ST E MKD (CO SURV 1/4 SEC COR 32 5 T6N T7N R10W	CL 2036
LANCASTR 2532.876 CSBM MON 4IN UP 38FT S & 89FT E C/L INT AVE M (1975)	& 95TH ST E MKD (BM 122-1 1961)	CL 2037
LANCASTR 2539.164 CS MON 8IN DN IN WELL @ C/L INT AVE M & 100TH (1975)	ST E MKD (CO SURV 32 33 5 4 T6N T7N R10W 1925)	CL 2038
LANCASTR 2541.320 CSBM MON 4IN UP @ SE COR AVE M & 100TH ST E (1975)	26FT CL S & 75FT E C/L INT MKD (BM 122-2 1961) 2IN IP MKR 3FT UP 2FT N	2039
LANCASTR 2546.970 CSBM MON 4IN UP @ SE COR AVE M & 105TH ST E (1975)	66FT CL E & 28FT S C/L INT MKD (BM 122-3 1961) 2IN IP MKR 3FT UP 2FT N	2040
LANCASTR 2549.880 CSBM MON FL 48FT S & 52FT E C/L INT 110TH ST E (1975)	& AVE M MKD (BM 122-4 1961)	CL 2041
LANCASTR 2546.516 CS MON 7IN UP @ C/L INT AVE M & 120TH ST E (1975)	MKD (CO SURV 34 35 3 2 T6N T7N R10W) 2IN IP MARKER 3FT UP 2FT S	CL 2043
LANCASTR 2537.631 CS MON 12IN UP @ C/L INT AVE M & 125TH ST E (1975)	MKD (CO SURV 1/4 SEC COR 2 35 T6N T7N R10W)	CL 2044

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LANCASTR 2537.774 CS MON 2IN UP @ C/L INT AVE M & 130TH ST E MKD (1975) CO SURV 36 35 2 1 T6N T7N R10W)		CL 2045
LANCASTR 2551.754 CS MON 3IN UP @ C/L INT AVE M & 135TH ST E (1975) MKD (CO SURV 1/4 SEC COR 36 1 T6N T7N R10W)		CL 2046
LANCASTR 2654.963 CS MON 15IN UP @ C/L INT AVE M & 140TH ST E (1975) MKD (CO SURV 1 6 31 36 T6N T7N R10W R9W)		CL 2047
LANCASTR 2688.722 2IN IP WITH CUT SPK IN CONC 6IN UP @ 1/4 COR 31 (1975) 6 R9W T6N T7N (FUT C/L INT AVE M & 145TH ST E)		CL 2048
BASELINE 2575.606 CSBM MON 2IN DN ON NE COR AVE M & 150TH ST E (1973) 53FT N & 33FT E C/L INT MKD (BM 115-11 1961)		CL 2049
BASELINE 2575.643 CS MON IN WELL @ C/L INT AVE M & FUT 155TH ST E (1973) MKD (1/4 SEC COR 32 5 T6N T7N R9W)		CL 2050
BASELINE 2579.269 2IN IP CONC PLUG & NAIL 8IN UP ON NE COR AVE M & CL (1973) FUT 155TH ST E 50FT N & 50FT E C/L INT CHIZ X ON E EDGE		2051
BASELINE 2576.988 2IN IP CONC PLUG & NAIL 8IN UP ON SW COR AVE M & CL (1973) FUT 160TH ST E 50FT S & 50FT W C/L INT CHIZ X ON W EDGE		2052
BASELINE 2577.055 2IN IP CONC PLUG & NAIL 8IN UP ON NE COR AVE M & CL (1973) FUT 160TH ST E 50FT N & 50FT E C/L INT		2053
BASELINE 2577.769 2IN IP CONC PLUG & NAIL FLUSH ON SW COR AVE M & CL (1973) FUT 165TH ST E 50FT S & 50FT W C/L INT		2054
BASELINE 2578.007 2IN IP CONC PLUG & NAIL 6IN UP ON NE COR AVE M & CL (1973) FUT 165TH ST E 50FT N & 50FT E C/L INT		2055
LANCASTR 2561.168 CS MON IN WELL 18IN DN @ C/L INT 170TH ST E & (1975) AVE K-8 MKD (CO SURV 1/4 SEC COR 27 28 R9W T7N)		CL 2109
LANCASTR 2531.176 CSBM MON IN WELL 14IN DN 17FT S & 33FT E C/L (1975) INT 150TH ST E & AVE K-8 MKD (BM 115-14 1961) 2IN IP MKR 3FT UP 2FT E		CL 2110
LANCASTR 2488.864 CS MON IN WELL 8IN DN @ C/L INT AVE J & 150TH (1975) ST E MKD (CO SURV 17 18 19 20 R9W T7N) USE NE EDGE		CL 2160
LANCASTR 2489.013 CS MON IN WELL 6IN DN @ C/L INT AVE J & FUT (1975) 145TH ST E MKD (1/4 COR 18 19 R9W T7N)		CL 2161
LANCASTR 2451.717 2IN IP 6IN UP ON C/L PROD AVE G-8 50FT E C/L (1975) 140TH ST E P M ON N EDGE		CL 2162

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LANCASTR 2455.293 2IN IP 6IN UP @ SW COR 140TH ST E & FUT AVE F-8 CL (1975) 25FT S & 50FT W C/L INT		2163
LANCASTR 2461.626 2IN IP 6IN UP W/CONC PLUG & NAIL 50FT N & 50FT E CL (1975) C/L INT 140TH ST E & AVE E-8 (CHIZ X ON N EDGE)		2164
LANCASTR 2341.410 L&T S END GAS PUMP ISL @ NE COR 90TH ST E & AVE CL (1975) E 75FT N & 80FT E C/L INT		2165D
LANCASTR 2346.758 CS MON FLUSH ON SW COR 90TH ST E & AVE E-8 56FT CL (1975) S & 27FT W C/L INT MKD (BM 116-7 1961)		2166D
LANCASTR 2382.857 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		2167D
LANCASTR 2400.678 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		2168D
LANCASTR 2446.066 2IN IP & CS TAG 4IN UP @ NW COR AVE J & 95TH ST CL (1975) E 40FT N & 40FT W/O C/L INT E EDGE		2169D
LANCASTR 2488.600 CS MON (S EDGE) IN WELL 8IN DN @ C/L INT 90TH ST CL (1975) ST E & AVE K-8 MKD (CO SURV 1/4 SEC COR 29 30 R10W T7N)		2189
LANCASTR 2511.836 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)		2190
LANCASTR 2432.926 2IN IP & BOLT IN WELL 15IN DN @ C/L INT AVE H & 135TH ST E		2337
LANCASTR 2434.006 2IN IP W/SHELL CASE 4IN UP ON C/L 135TH ST E (1975) 40FT N/O C/L AVE H USE N EDGE		2338A
LANCASTR 2430.716 L&T W SIDE STANDPIPE @ NE COR AVE H & 130TH ST E CL (1975) 62FT N & 82FT E C/L INT		2339D
LANCASTR 2426.648 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		2340D
LANCASTR 2429.004 2IN IP CONC PLUG & CS TAG @ SE COR AVE H & 125TH ST E (1975) 40FT E & 40FT S C/L INT		2341D
LANCASTR 2425.480 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		2342D
LANCASTR 2418.013 2IN IP CONC PL & N 4IN UP @ SE COR AVE H & 120TH ST E 50FT S & 50FT E C/L INT USE NW EDGE		2343D

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LANCASTR 2416.698 CS MON IN WELL 18IN DN @ C/L INT AVE H & 120TH (1975) ST E MKD (CO SURV 3 2 10 11 R10W T7N) USE N EDGE		CL 2344D
LANCASTR 2415.589 2IN IP CONC PLUG & NAIL (S EDGE) 9IN UP @ SE COR CL (1975) 115TH ST E & AVE H 40FT S & 40FT E C/L INT		2345D
LANCASTR 2412.970 CS MON (N EDGE) IN WELL 18IN DN @ C/L INT 115TH CL (1975) ST E & AVE H MKD (1/4 COR 3 10 R10W T7N)		2346D
LANCASTR 2411.277 CS MON IN WELL 6IN DN @ C/L INT 110TH ST E & (1975) AVE H MKD (CO SURV 4 3 9 10 R10W T7N) USE E EDGE USE E EDGE		CL 2347D
LANCASTR 2412.641 2IN IP CONC PLUG & NAIL (SE EDGE) 6IN UP @ NW (1975) COR AVE H & 110TH ST E 39FT N & 40FT W C/L INT		CL 2348D
LANCASTR 2397.356 CS MON IN WELL 12IN DN @ C/L INT AVE H & 100TH (1975) ST E MKD (5 4 8 9 R10W T7N) USE E EDGE		CL 2350D
LANCASTR 2395.316 CS MON IN WELL 8IN DN @ C/L INT AVE H & FUT 95TH CL (1975) ST E MKD (1/4 COR 5 8 T7N R10W) USE E EDGE		2351D
LANCASTR 2374.669 2IN IP CONC PL & CS TAG 8IN UP 50FT N & 50FT E (1975) C/L INT 120TH ST E & AVE E-8		CL 2352D
LANCASTR 2374.095 CS MON IN WELL 8IN DN @ C/L INT 120TH ST E & (1975) FUT AVE E-8 MKD (1/4 COR 26 27 R10W T8N RE 5869) USE E EDGE		CL 2353D
LANCASTR 2380.776 2IN IP CONC PL & CS TAG 8IN UP 50FT S & 50FT E (1975) C/L INT 120TH ST E & AVE F (USE X ON NE EDGE)		CL 2355D
LANCASTR 2390.151 CS MON IN WELL 15IN DN @ C/L INT 120TH ST E & (1975) FUT AVE F-8 MKD (1/4 SEC COR 34 35 T8N R10W RE 62) USE E EDGE		CL 2356D
LANCASTR 2392.070 2IN IP & CS TAG 10IN UP 50FT S & 50FT W C/L (1975) INT 120TH ST E & AVE F-8 CHIS X ON NE EDGE		CL 2357D
LANCASTR 2397.788 CS MON IN WELL 30IN DN @ C/L INT 120TH ST E & (1975) FUT AVE G MKD (SEC COR 34 35 3 2 R10W T7N T8N)		CL 2358
LANCASTR 2407.056 CS MON IN WELL 30IN DN @ C/L INT 120TH ST E & (1975) FUT AVE G-8 MKD (1/4 COR 3 2 R10W T7N) USE W EDGE		CL 2359
LANCASTR 2409.266 2IN IP CONC PL & N 10IN UP 40FT S & 40FT E C/L (1975) INT 120TH ST E & AVE G-8 USE E EDGE		CL 2360D
LANCASTR 2521.252 CSBM MON NW COR CONC WATER VALVE VAULT 55FT E & CL (1975) 30FT S C/L INT AVE G & 145TH ST E MKD (BM 124-1 1966)		2380

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LANCASTR 2594.164	CS MON (E EDGE) IN WELL 18IN DN @ C/L INT AVE G - CL 2381	
(1975)	& 150TH ST E MKD (31 32 6 5 T7N T8N R9W)	
LANCASTR 2597.953	RDBM TAG NW COR CONC WATER VALVE VAULT 31FT S & CL 2382	
(1975)	77FT E C/L INT AVE G & 150TH ST E	
LANCASTR 2672.607	CSBM MON FL 31FT N & 60FT E C/L INT AVE G & CL 2384	
(1975)	155TH ST E MKD (BM 124-3 1966)	
LANCASTR 2743.101	CS MON (E EDGE) IN WELL @ C/L INT AVE G & 160TH CL 2385	
(1975)	ST E MKD (SEC COR 32 33 5 4 R9W T8N T7N)	
LANCASTR 2747.218	RDBM TAG CONC BASE FIRE HYD 32FT S & 81FT E CL 2386	
(1975)	C/L INT AVE G & 160TH ST E	
LANCASTR 2849.407	BOLT IN WELL 19IN DN @ C/L INT AVE G & 165TH ST CL 2387	
(1975)	E	
LANCASTR 2855.732	CSBM MON FLUSH @ NE COR AVE G & 165TH ST E 134FT CL 2388	
(1975)	E & 29FT N C/L INT MKD (BM 124-5 1966)	
LANCASTR 2932.189	CS MON (E EDGE) IN WELL 22IN DN @ C/L INT AVE G CL 2389	
(1975)	& 170TH ST E MKD (SEC COR 33 34 4 3 T7N T8N R9W)	
LANCASTR 2935.428	RDBM TAG IN NW COR CONC BASE OF VALVE VAULT @ SE CL 2390	
(1975)	COR AVE G & 170TH ST E 80FT E & 30FT S C/L INT	
LANCASTR 2973.578	CS MON IN WELL 6IN DN @ C/L INT AVE G & 175TH ST CL 2391	
(1975)	E MKD (1/4 COR 34 3 R9W T8N T7N)	
LANCASTR 2974.874	RDBM TAG NW COR CONC BASE OF FIRE HYD @ SE COR CL 2392	
(1975)	AVE G & 175TH ST E 60FT E & 33FT S C/L INT	
LANCASTR 3047.928	CS MON (S EDGE) IN WELL 14IN DN @ C/L INT AVE G CL 2393	
(1975)	& 180TH ST E MKD (SEC COR 34 35 3 2 R9W T8N T7N)	
LANCASTR 3052.418	RDBM TAG NW COR CONC BASE OF FIRE HYD @ SE COR CL 2394	
(1975)	AVE G & 180TH ST E 80FT E & 32FT S C/L INT	
LANCASTR 3088.095	CS MON (N EDGE) IN WELL 17IN DN @ C/L INT AVE G CL 2395	
(1975)	& 185TH ST E MKD (1/4 COR 35 2 R9W T8N T7N)	
LANCASTR 3090.154	RDBM TAG NW COR CONC BASE OF FIRE HYD @ SE COR CL 2396	
(1975)	AVE G & 185TH ST E 58FT E & 32FT S C/L INT	
LANCASTR 3126.725	CS MON (NE EDGE) IN WELL 18IN DN @ C/L INT AVE G CL 2397	
(1975)	& 190TH ST E MKD (35 36 2 1 T8N T7N R9W)	
LANCASTR 3125.965	2IN IP CONC PLUG & CS TAG (S EDGE) 4IN UP @ NE CL 2398	
(1975)	COR AVE G & 190TH ST E 50FT N & 50FT E C/L INT	

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LANCASTR 3072.198 CS MON (E EDGE) IN WELL 19IN DN @ C/L INT AVE G CL (1975)	& 195TH ST E MKD (1/4 COR 36 1 T7N T8N R9W)	2399
LANCASTR 3074.108 2IN IP CONC PLUG & CS TAG 8IN UP @ SW COR AVE G CL (1975)	& 195TH ST E 50FT S & 50FT W C/L INT	2400
LANCASTR 3043.867 CS MON (N EDGE) IN WELL 18IN DN @ C/L INT AVE G CL (1975)	& 200TH ST E MKD (SEC COR 36 31 1 6 T7N T8N R8W R9W)	2401
LANCASTR 3047.236 2IN IP CONC PLUG & BRAD 4IN UP @ SW COR AVE G CL (1975)	& 200TH ST E 50FT S & 50FT W C/L INT USE E EDG	2402
LANCASTR 3030.648 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 3028.318 2IN IP (S EDGE) 3IN UP @ SW COR 200TH ST E & AVE G-8 CL (1975)	50FT S & 50FT W C/L INT	2404
LANCASTR 2994.900 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 2996.639 1 1/2IN IP CONC PLUG & NAIL @ SW COR 200TH ST E & AVE H 50FT S & 50FT W C/L INT	CL 2406	
LANCASTR 2970.992 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	
LANCASTR 2981.906 CS MON (S EDGE) IN WELL 15IN DN @ C/L INT 200TH ST E & AVE I MKD (SEC COR 12 7 13 18 T7N R8W R9W)	CL 2409	
LANCASTR 2984.755 CS MON 6IN UP @ SW COR 200TH ST E & AVE I 40FT W CL (1975)	& 40FT S C/L INT MKD (RPC 1)	2410
LANCASTR 2958.434 CS MON (S EDGE) IN WELL 8IN DN @ C/L INT AVE I & CL 195TH ST E PROP MKD (1/4 COR 12 13 T7N R9W)	2411	
LANCASTR 2964.618 CS MON 5IN UP ON C/L 195TH ST E 40FT S C/L AVE I CL (1975)	MKD (RPC 3)	2412
LANCASTR 2908.034 CS MON (S EDGE) IN WELL 12IN DN @ C/L INT AVE I CL (1975)	& 190TH ST E MKD (SEC COR 11 12 13 14 R9W T7N)	2413
LANCASTR 2909.331 CS MON @ SE COR AVE I & 190TH ST E 40FT E & 38FT CL (1975)	S C/L INT MKD (RPC 5)	2414
LANCASTR 2897.445 CS MON 6IN UP 37FT E C/L 190TH ST E & 0.25MI S AVE I MKD (BM RP BC)	CL 2415	
LANCASTR 2907.244 CS MON (S EDGE) IN WELL 6IN DN @ C/L INT 190TH ST E & PROP AVE I-8 MKD (1/4 COR 14 13 T7N R9W)	CL 2416	

