

Bench Mark Description:

Point ID: **600-43-68**

1929 Elevation: **1532.700** 1988 Elevation: **1535.160**

Date Levelled: 1971 Date Levelled: 0

Reference: U.S.C&G. Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A Standard U.S. C & G.S. Brass Disk stamped " Z 1143 1961 " in a concrete post projecting 0.4 feet above ground, 0.35 miles southeast along the A.T.S.F. rail road from Van Buren Blvd, 15 feet southeast of milepost 11, 183 feet southeast of a switch stand, 70 feet southwest of the centerline of the southwest lanes of Hwy 395, 23 feet northeast of the northeast rail, 4 feet south of a telephone pole 2 1/2 feet north of a witness post, and level with the track.

Bench Mark Description:

Point ID: **600-44-68**

1929 Elevation: **1543.852** 1988 Elevation: **1546.349**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standrad U.S.C.&G.S. Brass Disk stamped " A 1144 1961 " in the top of the southeast end of the southwest concrete headwall of culvert D 417-84 under Hwy 395 , 0.35 miles south east along the A.T.S.F. railroad from the station at March Field, 120 feet northeast of the first pole northwest of milepost 10, 60 feet northeast of the northeast rail, 31 1/2 feet southwest of the centerline of the south west lanes of Hwy 395, and level with the highway.

Bench Mark Description:

Point ID: **600-45-68**

1929 Elevation: **1543.530** 1988 Elevation: **1546.020**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Point Destroyed

Description:

A standard U.S.C.&G.S. Brass Disk stamped " 600-45-68 set in a concrete post 307 feet southwest of the Cactus Avenue overpass, 122 feet northwest of the southbound lanes of Hwy 395, 29 feet northwest of the main line of the rail way, 4 feet north of a railroad switch, 2 feet east of a marker post.
Note: Reported destroyed by reconstruction of Hwy.

Bench Mark Description:

Point ID: **600-46-68**

1929 Elevation: **1533.642** 1988 Elevation: **1536.126**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C&G.S. Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard County Brass Disk stamped " 600-46-68 " in a concrete post 0.15 miles northeast of the intersection of the A.T.&S.F. railroad and Alessandro Blvd., 5 telephone poles northeast of Alessandro Blvd., 84 feet northwest of the southbound lanes of Hwy 395, 45 feet southeast of the railway, 5 feet northwest of the telegraph pole , 2 feet southeast of a monument post marker.
Recovered by City Field Crew April 1997.

Bench Mark Description:

Point ID: **600-47-68**

1929 Elevation: **1536.119** 1988 Elevation: **1538.599**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A Standard U.S.C.&G.S. Brass Disk stamped " Z-749 1949 " in a concrete post 0.65 miles northwest along the A.T.&S.F. railroad from its intersection with Alessandro Blvd., set between the track and Hwy 395, 64.5 feet southwest of the southwest edge of the highway, 43.6 feet northeast of the northeast rail.

Recovered by City Field Crew April 1997. 0.15 N'ly of Cottonwood Avenue.

Bench Mark Description:

Point ID: **600-48-68**

1929 Elevation: **1538.160** 1988 Elevation: **1540.634**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Point Destroyed

Description:

A standard U.S.C. & G.S. brass disk in a concrete post, 1.45 miles north along the A.T.&S.F. railroad from the crossing at Alessandro Blvd., 98 feet northwest of the crossing of Hwy 78, 136 feet south-southeast and across the tracks from milepost 7, 33 feet northeast of the centerline of the highway, 18 feet south west of the southwest rail, 25 feet southeast of a power pole, 1.3 feet north west of a witness post, and 0.5 feet above the ground. Stamped " R 298 1935 "

Bench Mark Description:

Point ID: **600-49-68**

1929 Elevation: **1451.887** 1988 Elevation: **1454.354**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard U.S.C.&G.S. brass disk set vertically in the southwest face of a rock cut, 2.45 miles northwest along the A.T.&S.F. railroad from the Alessandro Blvd crossing, 76 feet southeast form milepost 6, 1.9 feet above the ground and about 1 foot higher than the track. The disk is stamped " D-1144 1961"

NOTE: Recovered April 1997 by City Field Crew, A P.K. Nail in the drill hole of the U.S.C. @ G.S. Disk. Verified by levels from 600-47-68.

Bench Mark Description:

Point ID: **600-50-68**

1929 Elevation: **1369.902** 1988 Elevation: **1372.380**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard U.S.C.&G.S. brass disk in a concrete headwall, 3.35 mile northeast along the A.T.&S.F. railroad from the crossing at Alessandro Blvd., and 6 1/2 poles east-southeast of milepost 5, in the top of the east end of the north concrete headwall of concrete box culvert 5.2, 7 1/2 feet north of the north rail and about 0.5 feet lower than the track. The disk is stamped " Q 298 1935 "

Bench Mark Description:

Point ID: **600-51-68**

1929 Elevation: **1264.115** 1988 Elevation: **1266.568**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A Riverside County brass disk set in a concrete post, 0.7 miles southeast along the A.T.&S.F. railroad from its crossing with Mt. Vernon Avenue, 7 poles southeast of milepost marker # 4, 13 feet southeast of a railroad post marked " W ", 12 feet northeast of the railroad, 2 feet northwest of a marker post. \ The disk is stamped " 600-51-68 " Reported Destroyed by Joe Beeler 2/25/77.

Bench Mark Description:

Point ID: **600-52-68**

1929 Elevation: **1170.890** 1988 Elevation: **1173.340**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A U.S.C. & G.S. Brass Disk in a concrete headwall of a pipe culvert, 285 feet west of the A.T.&S.F. Railroad crossing with Mt. Vernon Avenue, 13 feet south of the south rail, 4 feet lower than the track, in the west end of south concrete headwall of pipe culvert 3.4 . The disk is stamped " F 1144 1961 "

Bench Mark Description:

Point ID: **600-53-68**

1929 Elevation: **1077.842** 1988 Elevation: **1080.310**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard U.S.C. & G.S. Brass Disk set vertically in the west wall of a patio at Highland Elementary School, 0.2 miles northwest along the A.T.&S.F. railroad from the crossing at Blaine Street, 118 feet east of the east rail, 117 feet northwest of the southwest corner of the school building, 2 feet above the ground and about 4 feet higher than the track. Disk is stamped " G 1144 1961 "

Bench Mark Description:

Point ID: **600-54-68**

1929 Elevation: **967.869** 1988 Elevation: **970.306**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Point Destroyed

Description:

A standard U.S.C. & G.S. Brass Disk stamped " N298 " in a concrete post, 93.5 feet southwest of the A.T.&S.F. railroad crossing at Marlborough Avenue, 33.5 feet northwest of the center of the crossing of the Southern Pacific Railroad, 30 feet west of the west rail of the A.T.&S.F. track, 9 feet northwest of a power pole and level with the tracks.

Note: Unable to locate, 1996, Surveyor, City of Riverside

Bench Mark Description:

Point ID: **600-55-68**

1929 Elevation: **958.896** 1988 Elevation: **961.330**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point **Point Destroyed**

Description:

A standard U.S.C.& G.S. Brass Disk stamped " T T 449 1949 " set in a concrete post, 104 feet south from the A.T.&S.F. railroad crossing with Palmyrita Avenue 8 feet east of mile post 1, 18 feet east of the east rail, 8 feet west of a telephone pole, 2 1/2 feet north of a witness post and about level with track.

Note: Use TBM's per FB 1029/16-17

Bench Mark Description:

Point ID: **600-56-68**

1929 Elevation: **948.860** 1988 Elevation: **951.289**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard U.S.C.&G.S. Brass Disk stamped " Z 38 RESET 1946 " set in the top of the concrete foundation of the former Highgrove railway station, 205 feet south along the A.T.&S.F. railroad tracks from the Center Street Crossing.

Recovered 1996 in good condition. The building is now removed and the point remains in the concrete foundation flush with the ground.

Bench Mark Description:

Point ID: **600-57-68**

1929 Elevation: **945.333** 1988 Elevation: **947.761**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point **Point Destroyed**

Description:

A standard U.S.C.&G.S. Brass Disk stamped " C 171 1934 " set in a concrete post about 0.1 mile north along the A.T.& S.F. railroad tracks from the Center Street crossing, in a wide clear strip between the main track, 18.1 feet east of the east rail of the side track, about level with the track and 0.4 feet above the ground

Bench Mark Description:

Point ID: **601-01-68**

1929 Elevation: **933.410** 1988 Elevation: **935.835**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard U.S.C.& G.S. Brass disk stamped " R-449 1949 " set in the top of the north end of the west headwall of the Riverside Water Company Canal headwall under the A.T.& S.F. Railroad tracks about 0.55 miles north of the Center Street crossing, between the Edison Plant and the Iowa Ave on/off ramps to the 215 freeway, 2 1/2 poles south of milepost 6, 1.3 feet north of a 1.5 inch iron pipe projecting 1.5 feet above the headwall, and 5 feet lower than the track

Bench Mark Description:

Point ID: **601-02-68**

1929 Elevation: **945.333** 1988 Elevation: **947.761**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

See 600-57-68 ; These are the same points, same disk, same stamping.

This point is referenced with a TBM. Assigned Pt ID. J8-C2 to TBM Value.

Bench Mark Description:

Point ID: **601-03-68**

1929 Elevation: **948.860** 1988 Elevation: **951.289**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

See 600-56-68, This is the same point, same location, same disk, same stamping.

Bench Mark Description:

Point ID: **601-04-68**

1929 Elevation: **956.045** 1988 Elevation: **958.476**

Date Levelled: 1970 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Point Destroyed

Description:

A bronze disk in a concrete post, 400 feet north along the A.T.&S.F. railroad tracks from the crossing at Citrus Avenue, 25 feet east of the east rail, 22 feet south of a telephone pole, 1 foot lower than the track with a guard post 2 feet west of the monument.

Bench Mark Description:

Point ID: **601-05-68**

1929 Elevation: **958.896** 1988 Elevation: **961.328**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Point Destroyed

Description:

A stanard U.S.C.&G.S. brass disk stamped " TT-449 1949 " in a cconcrete post 104 feet south along the A.T.& S.F. railroad from the Palmyrita Avenue crossing, 18 feet east of the east rail, 8 feet west of a telephone pole, 2.5 feet west of witness post, 6" above ground and level with the tracks.

Note : Unable to locate 1996 City Survey Office.

Bench Mark Description:

Point ID: **601-06-68**

1929 Elevation: **898.646** 1988 Elevation: **901.079**

Date Levelled: 1970 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point **Point Destroyed**

Description:

A standard City of Riverside Brass Disk stamped " 600-6-68 " set in a concrete post 0.2 miles south along the A.T.&S.F. Railroad tracks from the Palmyrita Avenue crossing, 20 feet northwest of the northwest rail, 66.5 feet northeast of power pole # 25151-J, 50 feet northeast of a concrete control box. Point destroyed, 1996, Found base of concrete post 2 feet deep; by: City Survey Office.

Bench Mark Description:

Point ID: **601-07-68**

1929 Elevation: **881.881** 1988 Elevation: **884.370**

Date Levelled: 1970 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard U.S.C.&G.S. brass disk stamped " V-1142 1961 " set in a concrete post 27 feet northeasterly along the A.T.&S.F railroad tracks from the center-line of Thornton Street, 241 feet northeast of signal 82, 30 feet southeast of telephone pole # JSMS 1, 2 feet west of fence corner post, 1.5 feet north of a witness post, 6 inches above the ground and 2 feet lower than the tracks.

Bench Mark Description:

Point ID: **601-08-68**

1929 Elevation: **879.883** 1988 Elevation: **882.360**

Date Levelled: 1970 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A C.S.D.H. bronze disk stamped " B.M. 66-B-61 " in the top of the southwest end of the southeast concrete headwall of a 20 X 8 foot box culvert under a road 47 yards southwest of the southwest edge of U.S. Hwy 60 overcrossing of the A.T. & S.F. Railroad, 45 feet northwest of the northwest rail, 22 feet southeast of the centerline of E.La Cadena Drive and level with the ground.

Bench Mark Description:

Point ID: **601-09-68**

1929 Elevation: **880.471** 1988 Elevation: **882.700**

Date Levelled: 1970 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A City of Riverside Brass Disk stamped "601-9-68 " set in a concrete post, 600 feet northeast of the intersection of First Street and E. La Cadena Drive, behind the property at 2936 E.La Cadena Drive, 201.5 feet southwest of the southwest side of a Control Signal Tower, 15.7 feet northwest of the northwest rail of the A.T. & S.F Railway, 6 feet northeast of the Riverside junction sign, 1.5 feet lower than the track and 1 foot northeast of a marker post.

Bench Mark Description:

Point ID: **601-10-68**

1929 Elevation: **877.295** 1988 Elevation: **879.740**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard U.S.C.&G.S. brass disk stamped " W-38 RESET 1956 " in a concrete post 27 feet east of the south corner of the A.T.& S.F. Railroad Station, 35 feet south of the center of the freight depot door, 17 feet northwest of the northwest rail, 29 feet northeast of a light pole, 24 feet northeast of a large palm tree, 5 feet northwest of the edge of the sidewalk, flush with the ground and level with the track.

Bench Mark Description:

Point ID: **601-11-68**

1929 Elevation: **874.142** 1988 Elevation: **876.584**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard U.S.C.& G.S. brass disk stamped " W-1142 1961 " set in the top of the northwest end of the northeast concrete abutment of bridge 56.90 over the Riverside Water Company upper canal, 133 yards southwest along the Union Pacific Railroad tracks from the Fourteenth Street crossing, and 2 feet lower than the track.

Bench Mark Description:

Point ID: **601-12-68**

1929 Elevation: **878.466** 1988 Elevation: **880.910**

Date Levelled: 1970 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Point Destroyed

Description:

A City of Riverside bronze disk stamped " 601-12-68 " in a concrete post near the end of Commerce Street at the Tequesquite Arroyo, 90 feet east of the Riverside Water Company upper canal, 32 feet northwest of the northwest rail, 89 feet south of telephone pole 573185-H, 4 feet northwest of an A.T.&S.F. private property sign, and 3 feet southeast of a 3 foot wooden guard post.

Bench Mark Description:

Point ID: **601-13-68**

1929 Elevation: **893.542** 1988 Elevation: **895.990**

Date Levelled: 1970 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A City of Riverside Bronze Disk stamped " 601-13-68 " set in a concrete post 885 feet southwest along the A.T.&S.F. railroad tracks from the Ivy Street crossing, 13 feet southeast of the southeast rail, across the track from Power Pole 16260-J, 1.5 feet south of a wooden guard post, and 1 foot below the tracks

Bench Mark Description:

Point ID: **601-14-68**
1929 Elevation: **876.937** 1988 Elevation: **879.386**
Date Levelled: 1970 Date Levelled: 0
Reference: U.S.C.&G.S Reference:
Adjustment Year: 1971 Adjustment Year: 2009
1st Order Point **Point Destroyed**

Description:

A standard U.S.C.&G.S. brass disk stamped " T-38 1924 " in a concrete post, 800 feet southwest along the A.T.&S.F. railroad tracks from the Central Avenue crossing, 39.3 feet southeast of the southeast rail, directly across the track from milepost 12, in the top of a large granite boulder on the west side of a small hill covered with boulders, and 6 feet higher than the tracks.
Unable to Locate: 5/95 City Survey Office, see LL 15/81 for TBM

Bench Mark Description:

Point ID: **601-15-68**
1929 Elevation: **866.908** 1988 Elevation: **869.360**
Date Levelled: 1970 Date Levelled: 0
Reference: Reference:
Adjustment Year: 1971 Adjustment Year: 2009
1st Order Point **Point Destroyed**

Description:

A City of Riverside bronze disk stamped " 601-15-68 " in a concrete post, 387 feet southwest along the A.T.&S.F. railroad tracks from the crossing at Arlington Avenue , 29 feet northwest of the northwest rail, 56.8 feet northeast of the third telegraph pole southwest of Alrlington Avenue, 2 feet below the track ann 1 foot south of a wooden guard post.
Reported Destroyed: 5/79 Init: B.A.

Bench Mark Description:

Point ID: **601-16-68**
1929 Elevation: **866.370** 1988 Elevation: **868.840**
Date Levelled: 1970 Date Levelled: 0
Reference: C.S.D.H. Reference:
Adjustment Year: 1971 Adjustment Year: 2009
1st Order Point

Description:

A C.S.D.H. Brass Disk in a well monument stamped "25.00 R/W LINE C/L Washington" about 550 feet northwest along the centerline of Washington Street from it's crossing with the A.T.&S.F. railroad tracks, 182 feet northwest of Indiana Avenue, 25 feet southeast of the southeast right of way line of the Riverside Frwy

Bench Mark Description:

Point ID: **601-17-68**
1929 Elevation: **861.455** 1988 Elevation: **863.909**
Date Levelled: 1970 Date Levelled: 0
Reference: Reference:
Adjustment Year: 1971 Adjustment Year: 2009
1st Order Point

Description:

A City of Riverside bronze disk stamped " 601-17-68 " set in a concrete post 91.5 feet southwest along the A.T.&S.F. railroad tracks from the Madison Street crossing, 22 feet southeast of the southeast rail of the main line, 15 feet north west of the northwest rail of a spur line, 2 feet below the main track, and 2.5 eet south of a wooden guard post.

Bench Mark Description:

Point ID: **601-18-68**

1929 Elevation: **852.121** 1988 Elevation: **854.576**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard U.S.C.&G.S. brass disk stamped " Q-38 1924 " in top of the west headwall of culvert B15, 120 feet southwest along the A.T.&S.F. railroad tracks from the Jefferson Street crossing, 20 feet northwest of the track, and 4 feet lower than the track.

Bench Mark Description:

Point ID: **601-19-68**

1929 Elevation: **837.656** 1988 Elevation: **840.090**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

Brass Disk stamped " F5-C " in a monument well at the intersection of Jefferson Street and Indiana Avenue. SEE F5-C1

Bench Mark Description:

Point ID: **601-20-68**

1929 Elevation: **835.400** 1988 Elevation: **837.791**

Date Levelled: 1970 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Point Destroyed

Description:

A City of Riverside brass disk stamped " 601-20-68 " set in a concrete post in the southerly corner of the intersection of Adams Street and Indiana Avenue, at the back of sidewalk, 47.5 feet from the centerline of Indiana Avenue, 58 feet from the centerline of Adams Avenue.

(Re-Levelled as part of the Auto Center Renovation Project.)

Reported Destroyed by City Survey Crew (Oct 99)

Bench Mark Description:

Point ID: **601-21-68**

1929 Elevation: **810.933** 1988 Elevation: **813.370**

Date Levelled: 1970 Date Levelled: 0

Reference: FB735/7 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

California Division of Highways Brass Disk stamped " C/L MONROE " in a monument well 40 feet northerly along the centerline of Monroe Street from it's intersection with Indiana Avenue. SEE F4-A1, they are the same point.

Bench Mark Description:

Point ID: **601-22-68**

1929 Elevation: **821.737** 1988 Elevation: **824.170**

Date Levelled: 1970 Date Levelled: 0

Reference: C.S.D.H. Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard C.S.D.H. brass disk stamped "89+20.08 P.O.T. C/L CONN. RD. "
in a monument well at the intersection of Diana Street and Jackson Street.

Bench Mark Description:

Point ID: **601-23-68**

1929 Elevation: **819.887** 1988 Elevation: **822.344**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point **Point Destroyed**

Description:

A standard U.S.C.&G.S. brass disk stamped " N-38 1924 " in a concrete post under
City of Riverside monument cap, 41.5 feet southwest along the A.T.& S.F.
railroad tracks from the Van Buren Blvd. crossing, 29.2 feet northwest of the
northwest rail.

See FB 1021/5 for transfer

Bench Mark Description:

Point ID: **601-24-68**

1929 Elevation: **780.012** 1988 Elevation: **782.469**

Date Levelled: 1970 Date Levelled: 0

Reference: C.S.D.H. Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard C.S.D.H. brass disk stamped " CENTERLINE HARRISON STREET CUL-
DE-SAC " in a monument well 137.5 feet northwest of Indiana Avenue.

Bench Mark Description:

Point ID: **601-25-68**

1929 Elevation: **756.665** 1988 Elevation: **759.120**

Date Levelled: 1970 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard City of Riverside brass disk stamped " 601-25-68 " in a concrete
post at the intersection of Tyler Street and the Riverside Freeway, 1 foot
northeast of the northwest corner of the bridge abutment # B-027-3, and 47 feet
southwest of the centerline of Tyler Street

Bench Mark Description:

Point ID: **601-26-68**

1929 Elevation: **742.243** 1988 Elevation: **744.697**

Date Levelled: 1970 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point **Point Destroyed**

Description:

A standard City of Riverside brass disk stamped " 601-26-68 " set in a concrete post at the back of sidewalk of the easterly corner of Magnolia Avenue and Tyler Street , 65.5 feet southeast of the centerline of Magnolia Avenue, 52.0 feet northeast of the centerline of Tyler Street in the asphalt parking lot of a gasoline station.

Note: Listed as Destroyed JWS, Cityof Riverside see LL33/41 for transfer

Bench Mark Description:

Point ID: **601-27-68**

1929 Elevation: **717.161** 1988 Elevation: **719.615**

Date Levelled: 1970 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point **Point Destroyed**

Description:

A standard City of Riverside brass disk stamped " 601-27-68 " in a concrete post 86 feet southwest along Magnolia Avenue from the Polk Street intersection 9 feet southeast of the centerline of Magnolia Avenue, 14.5 feet southeast of the southeast rail of the Pacific Electric Railway with wooden guard post 2 feet south and north of the monument. NOTE: Point listed by City of Riverside as having shifted. Do Not ISSUE.

Bench Mark Description:

Point ID: **601-28-68**

1929 Elevation: **712.016** 1988 Elevation: **714.471**

Date Levelled: 1970 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point **Point Destroyed**

Description:

A standard City of Riverside brass disk stamped " 601-28-68 " in a concrete post 92 feet northeast along Magnolia Avenue from La Sierra Avenue, 10.5 feet southeast of the centerline of Magnolia Avenue 9.5 feet south of a metal power pole.

NOTE: Listed as DESTROYED by City of RIVERSIDE.

Bench Mark Description:

Point ID: **601-29-68**

1929 Elevation: **722.010** 1988 Elevation: **724.480**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard U.S.C.&G.S. brass disk stamped " K-38 1924 " set in the top of a concrete headwall, 22.5 feet southwest along the A.T.&S.F. Railroad tracks from the centerline of Fillmore Street, 8.5 feet southwest of mile post 19, in the north culvert headwall stamped 1921 and 2 feet below the track.

Bench Mark Description:

Point ID: **601-30-69**

1929 Elevation: **697.682** 1988 Elevation: **700.150**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard U.S.C.&G.S. brass disk stamped " J 38 1924 " in the top of the old northerly concrete culvert headwall, now a junction with a new storm RCP to the concrete flood control channel. Mark is now flush with the ground at the base of the track ballast northerly across the tracks from the southerly headwall and approximately midway along the A.T.&S.F. railroad tracks between Pierce and Buchanan Streets. Look for local ties noted on northerly rails.

Bench Mark Description:

Point ID: **601-31-69**

1929 Elevation: **688.098** 1988 Elevation: **690.555**

Date Levelled: 1975 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard County of Riverside brass disk stamped " 601-31-69 RESET 1975" in a 9 inch concrete post, 14.5 feet northerly of the northerly track of the A.T. & S.F. Railroad, 31.5 feet south of the centerline of the westbound lane and 47 feet north of the eastbound lane of Magnolia Avenue.

Bench Mark Description:

Point ID: **601-32-69**

1929 Elevation: **676.016** 1988 Elevation: **678.472**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard U.S.C.&G.S. brass disk stamped "G 38 1924" in the top of a large boulder, 0.65 mile west along the A.T. & S.F. railway from the Magnolia Avenue crossing, about 500 feet east of a road crossing, 50 feet south of the centerline of the track.

Bench Mark Description:

Point ID: **602-01-69**

1929 Elevation: **861.622** 1988 Elevation: **864.067**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard U.S.C.&G.S. brass disk stamped "X 1142 1961" set vertically in the northwest face of a deep cut through Pachappa Hill, 255 feet northeast of the Pachappa Hill bridge # 55.86, 8 feet southeast of the southeast rail and 1 foot higher than the track.

Bench Mark Description:

Point ID: **602-02-69**

1929 Elevation: **843.578** 1988 Elevation: **846.024**

Date Levelled: 1970 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard City of Riverside brass disk stamped "602-2-69" set in a concrete post 677 feet westerly along the U.P. Railroad tracks from the Riverside Avenue crossing, 11.8 feet northwest of power pole # 25503-J, 1 foot south of a wooden guard post, 2 feet lower than the tracks, near the westerly end of paved parking area between the alley parrallel to Merrill Avenue and the railroad R/W. Recovered in good condition by the City of Riverside in 1996.

Bench Mark Description:

Point ID: **602-03-69**

1929 Elevation: **824.447** 1988 Elevation: **826.891**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard U.S.C.&G.S. brass disk stamped " Y-1142 1961 " in a concrete post 68 feet southeast and across the U.P. railroad tracks from the third pole from mile post 55, 35 south of the south rail, 23.5 feet north of the centerline of Dewey Avenue, 28 feet southeast of a whistle post, 6 feet north of a railroad property marker post, 3 feet north of a fence, 1.5 feet east of a witness post, 1.5 feet higher than the track and 0.4 feet above ground.

Bench Mark Description:

Point ID: **602-04-69**

1929 Elevation: **802.991** 1988 Elevation: **805.434**

Date Levelled: 1970 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard City of Riverside brass disk stamped " 602-4-69 " in a concrete post 81.6 feet north of the centerline of Dewey Avenue, 4.5 feet west of the centerline of Arch Way produced, 58 feet northwest of power pole # 464609-H, 33.7 feet north of the north rail of the U.P. railroad, 2.5 feet south of a 5 foot cinderblock wall, 2,5 feet northwest of a wooden guard post and 2 feet lower than the track.

Bench Mark Description:

Point ID: **602-05-69**

1929 Elevation: **785.382** 1988 Elevation: **787.823**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard U.S.C.& G.S. brass disk stamped " Z-1142 1961 " in the west end of a concrete headwall for culvert 54.03 under the U.P. railroad tracks, 39 feet southeast and across the tracks from the first pole east of mile post 54, 51 feet southeast and across the track from the "STREETTER" station sign, 10 feet south of the south rail, 32 feet north of the centerline of Dewey Avenue, and about 4.5 feet lower than the track

Bench Mark Description:

Point ID: **602-06-69**

1929 Elevation: **781.790** 1988 Elevation: **784.229**

Date Levelled: 1970 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard City of Riverside brass disk stamped " 602-6-69 " in a concrete post, 84 feet southwest and across the U.P. railroad tracks from the twelfth pole westerly of the Streeter Avenue crossing, about 200 feet north of the hill in Nichols Parks, 11 feet southerly of the south rail, 29.5 feet northerly of a chain link fence, 1.5 feet northwest of a wooden guard post and 2 feet lower than the track. NOTE: Reported found destroyed in 1983 by City Riverside- E.G.

Bench Mark Description:

Point ID: **602-07-69**

1929 Elevation: **777.827** 1988 Elevation: **780.263**

Date Levelled: 1970 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard U.S.C.&G.S. brass disk stamped "H-1144 1961" in the top of the northwest end of the northeast concrete headwall of culvert 53.00 under the U.P. railroad, 60 feet northwest of the Jurupa Avenue crossing, 64 feet northwest of a signal, 9.5 feet northeast of the northeast rail and 2.5 feet lower than the track. NOTE: Recovered a point stamped " H-1144 RESET 1992 in same loaction no data available from NGS.

Bench Mark Description:

Point ID: **602-08-69**

1929 Elevation: **760.510** 1988 Elevation: **762.943**

Date Levelled: 1970 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard City of Riverside brass disk stamped " 602-8-69 " in a concrete post 500 feet easterly along the U.P. railroad tracks from the Santa Ana River bridge, about 1900 feet westerly of the Jurupa Avenue crossing, 12.5 feet northeasterly of the fourth pole easterly of the bridge, 24.5 feet southwest of the southwest rail, 12 feet west of the west corner of a control box, 2 feet easterly of a guard post and 1 foot lower than the track.

Bench Mark Description:

Point ID: **602-09-69**

1929 Elevation: **775.956** 1988 Elevation: **778.384**

Date Levelled: 1970 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A City of Riverside Brass Disk in a concrete post, 6,124 feet westerly along the Union Pacific Railroad tracks from the crossing at Jurupa Avenue, 84.5 feet west form the fourth pole # U1J, westerly of mile post 52, 15.5 feet south of the south rail, 2.5 feet southerly of a wooden guard post, 2 feet lower than the track and .3 feet above the ground.

Bench Mark Description:

Point ID: **602-10-69**

1929 Elevation: **763.178** 1988 Elevation: **765.605**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard U.S.C.&G.S. brass disk stamped "N 39 1924 " 2 feet northwest of the southeast end of the southeast wingwall to concrete culvert 51.61 under the U.P. railroad tracks, 1.9 miles west of the Jurupa Avenue crossing, 5 1/2 poles east of mile post 51, 7 feet south of the south rail, and 1 foot lower than the track.

Bench Mark Description:

Point ID: **602-11-69**

1929 Elevation: **719.431** 1988 Elevation: **721.853**

Date Levelled: 1970 Date Levelled: 0

Reference: U.S.C.&G.S Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard U.S.C.&G.S. brass disk stamped "602-11-69" in a concrete headwall 0.3 miles easterly along the U.P. railroad tracks from the Limonite Avenue crossing, 21 feet east of the third pole southeast of mile post 50 in the top of of the northwest end of the southwest concrete headwall of culvert 50-08, 14 feet southwest of the southwest rail, 71 feet northeast of the centerline of the northeast lanes of Van Buren Blvd, and 6 feet lower than the track DESTROYED

Bench Mark Description:

Point ID: **602-11A-6**

1929 Elevation: **719.350** 1988 Elevation: **721.775**

Date Levelled: 1975 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard County of Riverside brass disk stamped " 602-11-69 " in a concrete post, 0.6 miles southeasterly along the U.P. railroad tracks from the Limonite Avenue crossing, 74 feet east of the northbound lanes of Van Buren Blvd, 12 feet west of the railroad track, 8 feet north of a railroad switch box, 1 foot south of a marker post, 6 inches above the ground and 1 foot lower than the track. Elevation per R. Stone, 4/3/1975, NOTE: Difference between other description.

Bench Mark Description:

Point ID: **AB5563**

1929 Elevation: 0 1988 Elevation: **1540.320**

Date Levelled: 0 Date Levelled: 1996

Reference: Reference: NGS

Adjustment Year: 0 Adjustment Year: 1996

1st Order Point

Description:

RIVERSIDE COUNTY DISK STAMPED "BM 600-64 SET 1989" in a Concrete Monument along teh RCTC Railroad Tracks, 0.2 miles northwest from Van Buren Blvd. on the east side of the tracks 115 feet northeast of the RR Derail Sign, 46 feet southeast of the RR RED SIGN, and 5 feet west of the I-215 R/W fence.

Bench Mark Description:

Point ID: **AB5564**

1929 Elevation: 0 1988 Elevation: **1546.750**

Date Levelled: 0 Date Levelled: 1996

Reference: Reference: NGS

Adjustment Year: 0 Adjustment Year: 1996

1st Order Point

Description:

MWD DISK STAMPED "MP 101 1994" IN A CONCRETE HEADWALL
From Cacatus and Arnold Blvd proceed south 0.4 miles to Avenue A, then east on Ave A 0.15 mi to a dirt road leading to the RCTC RR tracks, then 0.4 mi south along the RR tracks to a a headwall on the west side of the tracks. Monument is in teh center of a 1 foot wide by 16 foot long headwall.

Bench Mark Description:

Point ID: **AB5567**

1929 Elevation: 0 1988 Elevation: **1574.170**

Date Levelled: 0 Date Levelled: 1996

Reference: Reference: NGS

Adjustment Year: 0 Adjustment Year: 1996

1st Order Point

Description:

MWD DISK STAMPED "MP 104 1994" IN THE BRIDGE ABUTMENT
Northwest corner of the RR Bridge Abutment for Cactus Ave. 3.5 feet east of west end, 3 feet above the road.

Bench Mark Description:

Point ID: **AB5569**

1929 Elevation: 0 1988 Elevation: **1598.410**

Date Levelled: 0 Date Levelled: 1996

Reference: Reference: NGS

Adjustment Year: 0 Adjustment Year: 1996

1st Order Point

Description:

AN MWD DISK STAMPED " MP 106" in concrete catch basin deck
South side of Aleesandro Blvd, 50 feet east of Alexander in a Catch Basin Deck

Bench Mark Description:

Point ID: **AB5570**

1929 Elevation: 0	1988 Elevation: 1623.910
Date Levelled: 0	Date Levelled: 1996
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1996

1st Order Point

Description:

AN MWD DISK STAMPED " MP 107 1994" IN A CATCH BASIN DECK
South side of Alessandro 270 feet east of Barton Road in a Catch Basin Deck

Bench Mark Description:

Point ID: **AB5571**

1929 Elevation: 0	1988 Elevation: 894.020
Date Levelled: 0	Date Levelled: 1986
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1996

1st Order Point

Description:

MWD DISK STAMPED "MP 115 1994"
IN THE DECK OF A CATCH BASIN AT THE NORTH EAST CORNER OF ARLINGTON AVE
AND HORACE STREET, 90 FEET EAST OF HORACE AND FACING ARLINTON

Bench Mark Description:

Point ID: **AB5572**

1929 Elevation: 0	1988 Elevation: 1019.350
Date Levelled: 0	Date Levelled: 1996
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1996

1st Order Point

Description:

AN MWD DISK STAMPED " MP 114 1994" IN THE DECK OF CATCH BASIN
On teh north side of Alrlington Ave, 90 feet east of Hawarden Drive

Bench Mark Description:

Point ID: **AB5573**

1929 Elevation: 0	1988 Elevation: 1084.850
Date Levelled: 0	Date Levelled: 1996
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1996

1st Order Point

Description:

AN MWD DISK STAMPED " MP 113 1994" IN THE DECK OF A CATCH BASIN
On the north side of Arlington Ave, 500 feet east of Royal Place
in the top of a Catch Basin Deck

Bench Mark Description:

Point ID: **AB5574**
1929 Elevation: 0 1988 Elevation: **1137.630**
Date Levelled: 0 Date Levelled: 1996
Reference: Reference: NGS
Adjustment Year: 0 Adjustment Year: 1996
1st Order Point
Description:
AN MWD DISK STAMPED "MP 112 1994"
Northwest Corner of Alessandro and Chicago/Arlington Avenue
in teh top iof a concrete vault structure.

Bench Mark Description:

Point ID: **AB5575**
1929 Elevation: 0 1988 Elevation: **1246.440**
Date Levelled: 0 Date Levelled: 1996
Reference: Reference: NGS
Adjustment Year: 0 Adjustment Year: 1996
1st Order Point
Description:
AN MWD DISK STAMPED "MP 111 1994" in teh deck of a concrete catch basin.
Northeast curb of Alesandro Blvd, 500 feet north of Century Avenue in the
eck of a concrete catch basin.

Bench Mark Description:

Point ID: **AB5576**
1929 Elevation: 0 1988 Elevation: **1351.370**
Date Levelled: 0 Date Levelled: 1996
Reference: Reference: NGS
Adjustment Year: 0 Adjustment Year: 1996
1st Order Point
Description:
AN MWD DISK STAMPED "MP 110 1994" in teh deck of a Catch Basin
North curb of Alesandro Blvd, 500 feet east of Via Vista Drive on the deck of a
catch basin.

Bench Mark Description:

Point ID: **AB5577**
1929 Elevation: 0 1988 Elevation: **1605.700**
Date Levelled: 0 Date Levelled: 1996
Reference: Reference: NGS
Adjustment Year: 0 Adjustment Year: 1996
1st Order Point
Description:
MWD DISK STAMPED " MP 109 1994" in an under sidewalk drain deck
Along the north curb of Aleesandro Blvd, 150 feet east of Cannon Road in the
deck of an undersidewalk drain outlet.

Bench Mark Description:

Point ID: **AB5578**

1929 Elevation: 0 1988 Elevation: **1611.310**

Date Leveled: 0 Date Leveled: 1996

Reference: Reference: NGS

Adjustment Year: 0 Adjustment Year: 1996

1st Order Point

Description:

MWD DISK STAMPED " MP 108 1994" in a concrete Catch Basin Deck
North side of Alessandro Blvd 300 feet NW of Trautwein Blvd.
in a Catch Basin Deck, 36 feet south of a stucco wall.

Bench Mark Description:

Point ID: **AB5585**

1929 Elevation: 0 1988 Elevation: **1614.600**

Date Leveled: 0 Date Leveled: 1996

Reference: Reference: NGS

Adjustment Year: 0 Adjustment Year: 1996

1st Order Point

Description:

AN MWD DISK STAMPED "BM LMF-1" IN A CONCRETE POST DN 0.6'
At Mills Filtration Plant on Alessandro Blvd, enter gate and proceed to first
road on left to another dirt road on left. go southerly on dirt road 400 feet
to mark. 3 feet north of power pole PS555, 75 feet southeast of a rock outcrop.

Bench Mark Description:

Point ID: **AD9486**

1929 Elevation: 0	1988 Elevation: 1407.350
Date Levelled: 0	Date Levelled: 1997
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1997

1st Order Point

Description:

MWD DISK STAMPED " 6+50 LT." IN THE PARAPET WALL OF THE SPLILLWAY

At the Lake Mathews Dam Spillway under La Sierra Ave, in the north end of a parapet wall at teh spillway structure, 26 feet east of the centerline of La Sierra Ave, 35 feet north of the centerline of teh spillway, and 1 foot above road.

Bench Mark Description:

Point ID: **AD9487**

1929 Elevation: 0	1988 Elevation: 1412.840
Date Levelled: 0	Date Levelled: 1997
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1997

1st Order Point

Description:

MWD DISK STAMPED " LM 52 1995" IN A CONCRETE POST

Along La Sieera Ave past Gate 22 to a Dirt Road, known as Eagle Valley Road, 180 feet north west of La Sierra Ave, 5 feet north of Power Pole 16593818E, a concrete post 0.5 feet below the road berm .

Bench Mark Description:

Point ID: **AD9488**

1929 Elevation: 0	1988 Elevation: 1415.380
Date Levelled: 0	Date Levelled: 1997
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1997

1st Order Point

Description:

MWD DISC STAMPED " W C 335 O S LAW" IN A CONCRETE POST

At the Lake Mathews viewing area, 70 feet NE of Gate No. 23 at a junction of chain link fence and barb wire fence, 57 feet SE of La Sierra and 3 feet West of the north fence, 4 feet NE of an angle point in the fences, in a concrete post 2.5 feet above the road.

Bench Mark Description:

Point ID: **AD9491**

1929 Elevation: 0	1988 Elevation: 1458.880
Date Levelled: 0	Date Levelled: 1997
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1997

1st Order Point

Description:

MWD DISK STAMPED " LF 115 1995" ON A LARGE BOULDER

Off Patrol Road at Gate 20, 0.9 Miles south along La Sierra from El Sobrante Gate 20 (MWD Keys required) then 0.2 miles west along Patrol road to a large boulder 6 feet below the road, 26 feet south of the dirt road, 20 feet southeast of a Yellow traffic sign warning "Two Way Traffic"

Bench Mark Description:

Point ID: **C-520**

1929 Elevation: **778.951** 1988 Elevation: **781.402**

Date Leveled: 1971 Date Leveled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

A standard disk stamped " C 520 1958 " in the west west end of the headwall of the culvert, 71 feet northeast of the centerline of Magnolia Avenue and Monroe Street, 23.3 feet east of the centerline of Monroe Street, about 18 inches higher than the street.

NOTE: Disk noted as removed : 10/20/76; Headwall destroyed: 2/15/77

Bench Mark Description:

Point ID: **D3-A2**

1929 Elevation: **879.668** 1988 Elevation: **882.135**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and Tag at northerly corner of a concrete slab at the southerly corner of La Sierra Avenue and the westerly intersection of Dufferin Avenue

Bench Mark Description:

Point ID: **D3-B2**

1929 Elevation: **857.204** 1988 Elevation: **859.671**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and Tag in top of a 2 foot high concrete wall, 1 foot from the westerly end, 12 feet northerly of the centerline of Dufferin Avenue and 25 feet easterly of Lyon Avenue.

Bench Mark Description:

Point ID: **D3-C2**

1929 Elevation: **821.880** 1988 Elevation: **824.345**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and Tag in top of a 1.5 foot high concrete wall, 6 feet from the westerly end, 14 feet northerly of the centerline of Victoria Avenue, and 25 feet easterly of the centerline of Lyon Avenue.

Bench Mark Description:

Point ID: **D3-D2**

1929 Elevation: **797.286** 1988 Elevation: **799.749**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Point Destroyed

Description:

P.K. Nail and Tag in northerly cement bank of the Riverside Water Company Canal on the easterly side of Fillmore Street.

Reported Destroyed 11/18/87

Bench Mark Description:

Point ID: **D3-E3**

1929 Elevation: **791.284** 1988 Elevation: **793.747**

Date Leveled: 1987 Date Leveled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in concrete base of a street light, 2 feet
northwesterly of the northerly curb return at Fillmore Street and Arizona Avenue
Formerly D3-D RESET

Bench Mark Description:

Point ID: **D4-A2**

1929 Elevation: **979.532** 1988 Elevation: **982.001**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and Tag at the northwesterly end of a concrete slab on the southwesterly side of McAllister Street across from a house at 2105 McAllister St.

Bench Mark Description:

Point ID: **D4-B2**

1929 Elevation: **943.700** 1988 Elevation: **946.168**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Capped Brass Disk at Dufferin Avenue near Praed Street

Bench Mark Description:

Point ID: **D4-C3**

1929 Elevation: **938.625** 1988 Elevation: **941.093**

Date Levelled: 1998 Date Levelled: 0

Reference: LL46/3 Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

1/2" Iron Rod down 0.1' at the centerline intersection of Dufferin Avenue and Stewart Street.

(Levelled as part of the Cleveland Water Line Project)

Bench Mark Description:

Point ID: **D4-D3**

1929 Elevation: **883.004** 1988 Elevation: **885.470**

Date Levelled: 1998 Date Levelled: 0

Reference: LL46/3 Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of the westerly end of a concrete headwall over a 12" concrete drain pipe at the northwesterly corner of Cleveland Avenue and Stewart Street.

(Levelled as part of the Cleveland Water Line Project.)

Bench Mark Description:

Point ID: **D4-E3**
1929 Elevation: **881.115** 1988 Elevation: **883.580**
Date Levelled: 1998 Date Levelled: 0
Reference: LL46/3 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the northerly end of a concrete slab for the base of the most northerly water tank at the southwesterly corner of Mc Allister Street and Cleveland Avenue, 30' S'ly of the centerline of Cleveland; 26' W'ly of the centerline of McAllister.
(Levelled as part of the Cleveland Water Line Project)

Bench Mark Description:

Point ID: **D4-F3**
1929 Elevation: **859.371** 1988 Elevation: **861.835**
Date Levelled: 1998 Date Levelled: 0
Reference: LL46/3 Reference:
Adjustment Year: 1970 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the northerly wing of a catch basin along the easterly side of McAllister Street at the southeasterly corner of Victoria Avenue and Mc Allister Street.
(Levelled as part of the Cleveland Water Line Project)

Bench Mark Description:

Point ID: **D4-G3**
1929 Elevation: **925.081** 1988 Elevation: **927.548**
Date Levelled: 1998 Date Levelled: 0
Reference: LL46/3 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag on the southeasterly corner of a 15' X 18' concrete slab at the northwesterly corner of Dufferin Avenue and Mc Allister Street; 60' N'ly of the centerline of Dufferin; 27' westerly of the centerline of Mc Allister.
(Levelled as part of the Cleveland Water Line Project)

Bench Mark Description:

Point ID: **DX2725**

1929 Elevation: 0	1988 Elevation: 1535.160
Date Levelled: 0	Date Levelled: 1996
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1996

1st Order Point

Description:

A Standard U.S. C& G.S. Brass Disk stamped " Z 1143 1961 " in a concrete post projecting 0.4 feet above ground, 0.35 miles southeast along the A.T.S.F. rail road from Van Buren Blvd, 15 feet southeast of milepost 11, 183 feet southeast of a switch stand, 70 feet southwest of the centerline of the southwest lanes of Hwy 395, 23 feet northeast of the northeast rail, 4 feet south of a telephone pole 2 1/2 feet north of a witness post, and level with the track.

Bench Mark Description:

Point ID: **DX2742**

1929 Elevation: 0	1988 Elevation: 1372.380
Date Levelled: 0	Date Levelled: 1991
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1991

1st Order Point

Description:

A standard U.S.C.&G.S. brass disk in a concrete headwall, 3.35 mile northeast along the A.T.&S.F. railroad from the crossing at Alessandro Blvd., and 6 1/2 poles east-southeast of milepost 5, in the top of the east end of the north concrete headwall of concrete box culvert 5.2, 7 1/2 feet north of the north rail and about 0.5 feet lower than the track. The disk is stamped " Q 298 1935 "

Bench Mark Description:

Point ID: **DX2747**

1929 Elevation: 0	1988 Elevation: 1080.310
Date Levelled: 0	Date Levelled: 1991
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1991

1st Order Point

Description:

A standard U.S.C.& G.S. Brass Disk set vertically in the west wall of a patio at Highland Elementary School, 0.2 miles northwest along the A.T.&S.F. railroad from the crossing at Blaine Street, 118 feet east of the east rail, 117 feet northwest of the southwest corner of the school building, 2 feet above the ground and about 4 feet higher than the track. Disk is stamped " G 1144 1961 "

Bench Mark Description:

Point ID: **DX2749**

1929 Elevation: 0	1988 Elevation: 884.378
Date Levelled: 0	Date Levelled: 1993
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1993

1st Order Point

Description:

A standard U.S.C.&G.S. brass disk stamped " V-1142 1961 " set in a concrete post 27 feet northeasterly along the A.T.&S.F railroad tracks from the centerline of Thornton Street, 241 feet northeast of signal 82, 30 feet southeast of telephone pole # JSMS 1, Under a Chain Link Fence, 2 feet lower than the track

Bench Mark Description:

Point ID: **DX2750**

1929 Elevation: 0	1988 Elevation: 882.370
Date Levelled: 0	Date Levelled: 1991
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1991

1st Order Point

Description:

A C.S.D.H. bronze disk stamped " B.M. 66-B-61 " in the top of the southwest end of the southeast concrete headwall of a 20 X 8 foot box culvert under a road 47 yards southwest of the southwest edge of U.S. Hwy 60 overcrossing of the A.T.& S.F. Railroad, 45 feet northwest of the northwest rail, 22 feet southeast of the centerline of E.La Cadena Drive and level with the ground.

Bench Mark Description:

Point ID: **DX2754**

1929 Elevation: 0	1988 Elevation: 882.701
Date Levelled: 0	Date Levelled: 1991
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1991

1st Order Point

Description:

A City of Riverside Brass Disk stamped "601-9-68 " set in a concrete post, 600 feet northeast of the intersection of First Street and E. La Cadena Drive, behind the property at 2936 E.La Cadena Drive, 201.5 feet southwest of the southwest side of a Control Signal Tower, 15.7 feet northwest of the northwest rail of the A.T.& S.F Railway, 6 feet northeast of the Riverside junction sign, 1.5 feet lower than the track and 1 foot northeast of a marker post.

Bench Mark Description:

Point ID: **DX2755**

1929 Elevation: 0	1988 Elevation: 883.450
Date Levelled: 0	Date Levelled: 1991
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1991

1st Order Point

Description:

AN NGS DISK STAMPED "JUNCTION 2 1930"

Along the BNSF Railroad, 400 Feet NW from the intersection of First Street and La Cadena Ave. In a concrete post.

Bench Mark Description:

Point ID: **DX2756**

1929 Elevation: 0	1988 Elevation: 860.090
Date Levelled: 0	Date Levelled: 1991
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1991

1st Order Point

Description:

A standard U.S.C.& G.S. brass disk cemented in a drill hole at the entrance to the Riverside Municipal Museum Building. About 4 feet higher than the street it is 41.6 feet south of a concrete lamp post, 16.5 feet east of the center of the entrance into the building, 3.3 feet west of the most easterly one of 6 columns, 3.3 feet east of the second column from the east and 0.6 feet south of the north edge of the archway.

Bench Mark Description:

Point ID: **DX2759**

1929 Elevation: 0	1988 Elevation: 850.690
Date Leveled: 0	Date Leveled: 1991
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1991

1st Order Point

Description:

AN NGS DISK STAMPED "Y 1 1906" IN THE NORTHEAST FACE OF THE RIVERSIDE COUNTY COURTHOUSE

Southeast along Tenth Street from Main Street, 52 Feet southeast from the Tenth Street entrance, 8 Feet Northwest of the northwest edge of the concrete steps leading to the basement.

Bench Mark Description:

Point ID: **DX2760**

1929 Elevation: 0	1988 Elevation: 854.300
Date Leveled: 0	Date Leveled: 1991
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1991

1st Order Point

Description:

In the face of the Loring Opera House, 66 Feet southeast of an alley 18 feet north east of the curb. Access is through a brass pipe. 4.5 feet above the sidewalk.

Bench Mark Description:

Point ID: **DX2766**

1929 Elevation: 0	1988 Elevation: 879.740
Date Leveled: 0	Date Leveled: 1991
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1991

1st Order Point

Description:

An NGS DISK STAMPED " W 38 RESET 1956" in concrete post. Along the BNSF Railroad Tracks, 27 Feet east of the ATSF Depot, 35 Feet south of the Depot Freight Door, 17 Feet northwest of the north west rail, 29 feet northeast of a light pole, 24 feet northeast of a large palm tree 5 feet northwest of the north west edge of a sidewalk.

Bench Mark Description:

Point ID: **DX2769**

1929 Elevation: 0	1988 Elevation: 877.940
Date Leveled: 0	Date Leveled: 1991
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1991

1st Order Point

Description:

A standard disk stamped " 601-11-68 Reset 1974" 102 feet S.W. of the extended centerline of Cottage Street 11.2 feet northwest of the northwest rail. 4 feet west of a telephone pole 1 foot SW of a Witness Post.

Bench Mark Description:

Point ID: **DX2771**

1929 Elevation: 0	1988 Elevation: 700.150
Date Levelled: 0	Date Levelled: 1991
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1971

1st Order Point

Description:

A standard U.S.C.&.G.S. brass disk stamped " J 38 1924 " in the top of the old northerly concrete culvert headwall, now a junction with a new storm RCP to the concrete flood control channel. Mark is now flush with the ground at the base of the track ballast northerly across the tracks from the southerly headwall and approximately midway along the A.T.&S.F. railroad tracks between Pierce and Buchanan Streets. Look for local ties noted on northerly rails.

Bench Mark Description:

Point ID: **DX2772**

1929 Elevation: 0	1988 Elevation: 724.480
Date Levelled: 0	Date Levelled: 1991
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1991

1st Order Point

Description:

Along teh BNSF Railroad, 0.5 mi east of Pierce Street. 9 feet north of the north rail, 42 feet south a a chain link fence, 1 foot below railroad grade In a culvert headwall.

Bench Mark Description:

Point ID: **DX2777**

1929 Elevation: 0	1988 Elevation: 759.120
Date Levelled: 0	Date Levelled: 1970
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1991

1st Order Point

Description:

A standard City of Riverside brass disk stamped " 601-25-68 " in a concrete post at the intersection of Tyler Street and the Riverside Freeway, 1 foot northeast of the northwest corner of the bridge abutment # B-027-3, and 47 feet southwest of the centerline of Tyler Street

Bench Mark Description:

Point ID: **DX2781**

1929 Elevation: 0	1988 Elevation: 790.820
Date Levelled: 0	Date Levelled: 1991
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1991

1st Order Point

Description:

At Magnolia Avenue and Roosevelt Street at the Arlington Branch of the Riverside Public Library, on the east side of the main entrance and about 1 foot above the ground. A standard disk stamped " O 38 1924 ".

Bench Mark Description:

Point ID: **DX2783**

1929 Elevation: 0 1988 Elevation: **822.310**

Date Levelled: 0 Date Levelled: 1993

Reference: Reference: NGS

Adjustment Year: 0 Adjustment Year: 1993

1st Order Point **Point Destroyed**

Description:

A standard U.S.C.&G.S. brass disk stamped " N-38 1924 " in a concrete post under City of Riverside monument cap, 41.5 feet southwest along the A.T.& S.F. railroad tracks from the Van Buren Blvd. crossing, 29.2 feet northwest of the northwest rail.

See FB 1021/5 for transfer

Bench Mark Description:

Point ID: **DX2785**

1929 Elevation: 0 1988 Elevation: **824.170**

Date Levelled: 0 Date Levelled: 1991

Reference: Reference: NGS

Adjustment Year: 0 Adjustment Year: 1991

1st Order Point

Description:

A standard C.S.D.H. brass disk stamped "89+20.08 P.O.T. C/L CONN. RD. " in a monument well at the intersection of Diana Street and Jackson Street.

Bench Mark Description:

Point ID: **DX2787**

1929 Elevation: 0 1988 Elevation: **813.370**

Date Levelled: 0 Date Levelled: 1991

Reference: Reference: NGS

Adjustment Year: 0 Adjustment Year: 1991

1st Order Point

Description:

California Division of Highways Brass Disk stamped "C/L MONROE" in well at 40 feet northerly along the centerline of Monroe Street from the intersection of Monroe Street and Indiana Avenue NOTE: Also known as 601-21-68

Bench Mark Description:

Point ID: **DX2791**

1929 Elevation: 0 1988 Elevation: **840.090**

Date Levelled: 0 Date Levelled: 1993

Reference: Reference: NGS

Adjustment Year: 0 Adjustment Year: 1993

1st Order Point

Description:

Brass Disk stamped " F5-C " in a monument well at the intersection of Jefferson Street and Indiana Avenue. SEE F5-C1

Bench Mark Description:

Point ID: **DX2795**

1929 Elevation: 0	1988 Elevation: 868.840
Date Levelled: 0	Date Levelled: 1991
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1971

1st Order Point

Description:

A C.S.D.H. Brass Disk in a well monument stamped "25.00 R/W LINE C/L Washington" about 550 feet northwest along the centerline of Washington Street from it's crossing with the A.T.&S.F. railroad tracks, 182 feet northwest of Indiana Avenue, 25 feet southeast of the southeast right of way line of the Riverside Frwy

Bench Mark Description:

Point ID: **DX3387**

1929 Elevation: 0	1988 Elevation: 1301.720
Date Levelled: 0	Date Levelled: 1997
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1997

1st Order Point

Point Destroyed

Description:

MWD DISK STAMPED "41R-1931" IN A CONCRETE POST ON EL SOBRANTE RD, WEST OF MC ALLISTER, 48 FEET SOUTH OF THE EDISON SUBSTATION FENCE AND 24 FEET NORTH OF EL SOBRANTE RD CENTERLINE, A DISK IN A CONCRETE POST WITH A CONCRETE COLLAR.

Bench Mark Description:

Point ID: **DX3488**

1929 Elevation: 0	1988 Elevation: 905.230
Date Levelled: 0	Date Levelled: 1991
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1991

1st Order Point

Description:

Stamped "D 1307 1978" North end of the east supporting wall for the bridge over the BNSF Tracks at Ivy Street

Bench Mark Description:

Point ID: **DX3490**

1929 Elevation: 0	1988 Elevation: 861.970
Date Levelled: 0	Date Levelled: 1991
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1991

1st Order Point

Description:

Stamped "C 1307 1978 601-15-68 RESET 1978" A Disk set vertically in the South Bridge Abutment of the 91 Freeway Bridge over Arlington Ave 48 Feet west of the Southeast Corner 3.8 feet above the sidewalk.

Bench Mark Description:

Point ID: **DX3491**

1929 Elevation: 0	1988 Elevation: 833.800
Date Levelled: 0	Date Levelled: 1991
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1991

1st Order Point

Description:

A Steel Rod and Cap in a PVC Well with screw cap, 3.6 feet northwest of the flagpole in a narrow strip of grass between the flagpole and a sidewalk in front of the Admin Office for Hawthorne Elem School on Indiana Avenue

Bench Mark Description:

Point ID: **DX3590**

1929 Elevation: 0	1988 Elevation: 974.310
Date Levelled: 0	Date Levelled: 1993
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1993

1st Order Point

Description:

BRASS DISK STAMPED " H 1307 1978" IN ROCK OUTCROPPING
At Marlborough and the RCTC and SP RR crossing east of Rustin,
81 Feet North of Marlborough, 38 feet west of the west rail,
on a Granite Rock Outcropping.

Bench Mark Description:

Point ID: **DX3667**

1929 Elevation: 0	1988 Elevation: 841.540
Date Levelled: 0	Date Levelled: 1996
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1996

1st Order Point

Description:

A NGS DISK STAMPED " Y 1420 1988"
IN THE FACE OF THE 91 FREEWAY ABUTMENT AT JEFFERSON STREET
SOUTHWEST ABUTMENT, SOUTH EAST END, 3 FEET ABOVE SIDEWALK

Bench Mark Description:

Point ID: **DX3668**

1929 Elevation: 0	1988 Elevation: 741.400
Date Levelled: 0	Date Levelled: 1991
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1991

1st Order Point

Point Destroyed

Description:

NGS DISK STAMPED" X 1420 1988
IN THE CENTER PIER, NORTHWEST SIDE OF BNSF AT LA SIERRA AVE- 1 FOOT ABOVE GROUND

Bench Mark Description:

Point ID: **DX5453**

1929 Elevation: 0	1988 Elevation: 1486.350
Date Levelled: 0	Date Levelled: 1993
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1993

1st Order Point

Description:

MWD DISK STAMPED " BM 444"

0.5 MILES NORTHWEST ALONG EL SOBRANTE FROM CAJALCO RD. TO THE ENTRANCE OF WMWD FILTRATION PLANT, PT IS 140 FEET SOUTH OF EL SOBRANTE RD, 127 FEET WEST OF THE ENTRANCE ROAD, ON AN 8 FOOT DIAMETER BOULDER, 3 FEET ABOVE THE GROUND

Bench Mark Description:

Point ID: **DX5460**

1929 Elevation: 0	1988 Elevation: 1367.140
Date Levelled: 0	Date Levelled: 1993
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1993

1st Order Point

Description:

MWD DISK STAMPED " EAST CONTROL RESET 1981"

At the Lake Mathews Airstrip 44 Feet NW of the Hanger, 16 feet south of the runway, in a concrete post with a 14 inch x 14 inch collar.

Bench Mark Description:

Point ID: **DX5461**

1929 Elevation: 0	1988 Elevation: 1305.310
Date Levelled: 0	Date Levelled: 1993
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1993

1st Order Point

Description:

AN MWD DISC STAMPED "ML 88 1971" in Concrete Post

Along Mc Allister 275 Feet north of El Sobrante, 22 feet west of Mc Allister, 2 South of a redwood marker post, 3" above the ground

Bench Mark Description:

Point ID: **DX5462**

1929 Elevation: 0	1988 Elevation: 1296.340
Date Levelled: 0	Date Levelled: 1993
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1993

1st Order Point

Description:

MWD DISK STAMPED "BM 453 1993" IN A COCNRETE POST

0.5 Miles north along Mc Allister Street from El Sobrante Road to a curve, 24 feet west of the street, 5 feet north of power pole 4053781E an MWD Disk in an 8 inch cocrnrete post.

Bench Mark Description:

Point ID: **DX5463**

1929 Elevation: 0 1988 Elevation: **1219.220**

Date Levelled: 0 Date Levelled: 1993

Reference: Reference: NGS

Adjustment Year: 0 Adjustment Year: 1993

1st Order Point

Description:

MWD DISK STAMPED "BM 454 1992" IN CONCRETE WATER STRUCTURE

1.2 Miles north along MC Aliister from El Sobrante to the Upper Feeder Crossing,

88 Feet West of McAllister, 15 Feet north of the feeder patrol road in a

MWD concrete structure marked Station 112+95

Bench Mark Description:

Point ID: **DX5464**

1929 Elevation: 0 1988 Elevation: **1072.950**

Date Levelled: 0 Date Levelled: 1992

Reference: Reference: NGS

Adjustment Year: 0 Adjustment Year: 1993

1st Order Point

Description:

A 3 1/4" Alum Disk In a Catch Basin at the NW Corner of McAllister and Orange

Haven Lane.

Bench Mark Description:

Point ID: **DX5465**

1929 Elevation: 0 1988 Elevation: **933.550**

Date Levelled: 0 Date Levelled: 1992

Reference: Reference: NGS

Adjustment Year: 0 Adjustment Year: 1993

1st Order Point

Description:

A 3 1/4 IN Alum Disk in an 8 inch diameter concrete post at the S.E. Corner of

Dufferin Ave and McAllister Street - MWD Disk

Bench Mark Description:

Point ID: **DX5466**

1929 Elevation: 0 1988 Elevation: **926.470**

Date Levelled: 0 Date Levelled: 1992

Reference: Reference: NGS

Adjustment Year: 0 Adjustment Year: 1993

1st Order Point

Description:

A MWD A3 1/4 INCH ALUM DISK IN AN 8 INCH CONCRETE POST AT THE NW

CORNER OF DUFFERIN AVENUE AND HARRISON STREET

Bench Mark Description:

Point ID: **DX5467**
1929 Elevation: 0 1988 Elevation: **890.350**
Date Levelled: 0 Date Levelled: 1992
Reference: Reference: NGS
Adjustment Year: 0 Adjustment Year: 1993
1st Order Point
Description:
A MWD ALUM DISK SET IN AN 8 INCH CONCRETE POST AT THE S.E.
CORNER OF CLEVELAND AVENUE AND MYERES STREET

Bench Mark Description:

Point ID: **DX5468**
1929 Elevation: 0 1988 Elevation: **906.880**
Date Levelled: 0 Date Levelled: 1992
Reference: Reference: NGS
Adjustment Year: 0 Adjustment Year: 1993
1st Order Point
Description:
AN MWD DISK IN 8 INCH CONC POST - S.W. CORNER CLEVELAND AND GIBSON

Bench Mark Description:

Point ID: **DX5469**
1929 Elevation: 0 1988 Elevation: **858.600**
Date Levelled: 0 Date Levelled: 1992
Reference: Reference: NGS
Adjustment Year: 0 Adjustment Year: 1993
1st Order Point
Description:
A Standard MWD 3 3/4 IN Alum Disk at the south edge of a 3 foot diameter MWD
Manhole 41 feet south of the centerline of Lincoln Ave, 118 feet east of the
intersection of Lincoln and Abraham

Bench Mark Description:

Point ID: **DX5470**
1929 Elevation: 0 1988 Elevation: **1375.720**
Date Levelled: 0 Date Levelled: 1993
Reference: Reference: NGS
Adjustment Year: 0 Adjustment Year: 1993
1st Order Point
Description:
MWD DISC STAMPED BM 450 6-26-92" IN A CONCRETE POST
0.5 Mmiles northwest of the airplane hanger, at a fork in the patrol road
leading to the dike, 25 feet south of the patrol road and east of the fork.

Bench Mark Description:

Point ID: **DX5472**

1929 Elevation: 0	1988 Elevation: 1236.250
Date Levelled: 0	Date Levelled: 1993
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1993

1st Order Point

Description:

AN MWD DISC STAMPED "BM 452" IN A CONCRETE WATER LINE STRUCTURE
ALONG EL SOBRANTE 600 FEET EAST OF LAS SIERRA, 180 FEET NORTH OF EL SOBRANTE,
18 FEET WEST OF A MWDC PATROL ROAD, ON A 5 X 14 FOOT CONCRETE STRUCTURE
2 FEET ABOVE THE GROUND, STATION 40+04 PAINTED ON THE STRUCTURE

Bench Mark Description:

Point ID: **DX5477**

1929 Elevation: 0	1988 Elevation: 723.270
Date Levelled: 0	Date Levelled: 1993
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1993

1st Order Point

Description:

MWD DISK STAMPED " UF 619 1992"

In a head wall 90 feet NE of Van Buren, 1090 Feet northwest from Clay Street

Bench Mark Description:

Point ID: **DX5478**

1929 Elevation: 0	1988 Elevation: 695.620
Date Levelled: 0	Date Levelled: 1993
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1993

1st Order Point

Description:

MWD DISK STAMPED "UF 618 1992"

In the top of the abutment, east side of the southbound lanes of Van Buren
at the bike path and Santa Ana River.

Bench Mark Description:

Point ID: **DX5479**

1929 Elevation: 0	1988 Elevation: 743.770
Date Levelled: 0	Date Levelled: 1993
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1993

1st Order Point

Description:

MWD DISK STAMPED " UF 617 1992"

In a Street Signal Base, 27 Feet SW of Van Buren, 29 Feet NW of Central Ave

Bench Mark Description:

Point ID: **DX5480**

1929 Elevation: 0 1988 Elevation: **739.670**

Date Levelled: 0 Date Levelled: 1993

Reference: Reference: NGS

Adjustment Year: 0 Adjustment Year: 1993

1st Order Point

Description:

MWD DISK STAMPED " UF 616 1992"

In a Catch Basin Deck, east side of Van Buren, 600 feet north of Arlington Ave

Bench Mark Description:

Point ID: **DX5481**

1929 Elevation: 0 1988 Elevation: **741.060**

Date Levelled: 0 Date Levelled: 1993

Reference: Reference: NGS

Adjustment Year: 0 Adjustment Year: 1993

1st Order Point

Description:

AN MWD DISK STAMPED "UF 615 1992"

In the deck of a catch basin, east side of Van Buren

200 feet north of Philbin.

Bench Mark Description:

Point ID: **DX5482**

1929 Elevation: 0 1988 Elevation: **746.090**

Date Levelled: 0 Date Levelled: 1993

Reference: Reference: NGS

Adjustment Year: 0 Adjustment Year: 1993

1st Order Point

Description:

MWD DISK STAMPED "UF 614 1992"

IN A CTAHBASIN DECK 300 FEET NORTH OF CHALLENGE ON THE EAST SIDE OF VAN BUREN.

Bench Mark Description:

Point ID: **DX5483**

1929 Elevation: 0 1988 Elevation: **773.930**

Date Levelled: 0 Date Levelled: 1993

Reference: Reference: NGS

Adjustment Year: 0 Adjustment Year: 1993

1st Order Point

Description:

MWD DISK STAMPED "UF 613 1992"

At the east corner of Van Buren and Garfield, 51.5 feet NE of Van Buren

21.5 Feet SE of Garfield, in a Traffic Signal Pole. A 3.25 Alum Disk

Bench Mark Description:

Point ID: **E1-A2**

1929 Elevation: **857.147** 1988 Elevation: **859.596**

Date Leveled: 1971 Date Leveled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped E1-A in concrete in top of a large rock at the Northwesterly end of Buchanan Street, 100 feet westerly and 40 southerly of a house at 4613 Buchanan St.

Bench Mark Description:

Point ID: **E1-B2**

1929 Elevation: **737.632** 1988 Elevation: **740.084**

Date Leveled: 1971 Date Leveled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail in the Swiss Dairy concrete loading dock on the northeasterly side of Buchanan Street, northwesterly side of Riverside Freeway, 12 feet southeasterly of the northwesterly corner of the loading dock.

Bench Mark Description:

Point ID: **E2-B2**

1929 Elevation: **726.776** 1988 Elevation: **729.226**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped E2-B in concrete in center of a traffic island at the North-west corner of Pierce Street and Ambs Drive

Bench Mark Description:

Point ID: **E2-D2**

1929 Elevation: **738.968** 1988 Elevation: **741.427**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

P.K. nail in top of curb, center of southeast curb rerturn of Indiana Avenue and Fillmore Street

Destroyed 9/94 (msb)

Bench Mark Description:

Point ID: **E2-F3**

1929 Elevation: **704.344** 1988 Elevation: **706.797**

Date Levelled: 1983 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer tag in center of most southerly curb return of La Sierra Avenue and Cochran Avenue

Bench Mark Description:

Point ID: **E2-G3**

1929 Elevation: **711.232** 1988 Elevation: **713.687**

Date Levelled: 1983 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer tag in the northwesterly curb return of La Sierra Avenue and Magnolia Avenue

Bench Mark Description:

Point ID: **E2-H3**

1929 Elevation: **697.978** 1988 Elevation: **700.428**

Date Levelled: 1983 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the center of the most northerly curb return of Collett Avenue and Golden Avenue

Bench Mark Description:

Point ID: **E2-I3**

1929 Elevation: **701.963** 1988 Elevation: **704.419**

Date Levelled: 1983 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the southerly median curb of Magnolia Avenue, 30 feet easterly of the easterly face of the Freeway Overpass structure

Bench Mark Description:

Point ID: **E2-J3**

1929 Elevation: **694.500** 1988 Elevation: **696.956**

Date Levelled: 1983 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the northwesterly curb return of Magnolia Avenue and Pierce Street

Bench Mark Description:

Point ID: **E2-K3**

1929 Elevation: **708.065** 1988 Elevation: **710.520**

Date Levelled: 1983 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag on the top of the southerly median curb of Magnolia Avenue, 45 feet easterly of the centerline of Fillmore Street

Bench Mark Description:

Point ID: **E2-L3**
1929 Elevation: **734.222** 1988 Elevation: **736.670**
Date Levelled: 1983 Date Levelled: 0
Reference: Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point
Description:
P.K. Nail and City Engineer Tag on westerly top of curb, Pierce Street, 50 feet northerly of the centerline of Raley Drive

Bench Mark Description:

Point ID: **E2-M3**
1929 Elevation: **694.231** 1988 Elevation: **696.683**
Date Levelled: 1983 Date Levelled: 0
Reference: Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point
Description:
P.K. Nail and City Engineer Tag in northerly catch basin wing, westerly curb Pierce Street, 1300 feet +/- southerly of Ambs Drive

Bench Mark Description:

Point ID: **E2-N3**
1929 Elevation: **690.405** 1988 Elevation: **692.859**
Date Levelled: 1983 Date Levelled: 0
Reference: LL12 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point **Point Destroyed**
Description:
P.K. Nail on the northerly end of the R.C.F.C. & W.C.D. channel headwall on the easterly side of Pierce Street, 300 feet northerly of the 91 Freeway.

Bench Mark Description:

Point ID: **E2-O3**
1929 Elevation: **712.329** 1988 Elevation: **714.784**
Date Levelled: 1983 Date Levelled: 0
Reference: LL12 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point
Description:
P.K. Nail and City Engineer Tag in the southerly median curb of Magnolia Avenue 75 feet westerly of Skylark Drive

Bench Mark Description:

Point ID: **E2-P2**

1929 Elevation: **738.410** 1988 Elevation: **740.869**

Date Levelled: 1994 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Chiseled square on the top of curb at the westerly end of a catch basin fronting the southerly curb of Indiana Avenue at the southeast corner of Indiana Avenue and Fillmore Street. (transfer of E2-D2)

Bench Mark Description:

Point ID: **E2-Q3**

1929 Elevation: **687.481** 1988 Elevation: **689.937**

Date Levelled: 1981 Date Levelled: 0

Reference: FB1029/66 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

Concrete Nail in the northwest end of the headwall on the northeast side of the Buchanan Street crossing of the Flood Control Channel 350 feet northwest of the intersection of Magnolia Avenue and Buchanan Street.

Recovered in 1996 by City Field Crew. Set Chisled Square around nail hole.

Adjusted and Entered with new levels per LL 41/146A: May 1997

Bench Mark Description:

Point ID: **E2-R3**

1929 Elevation: **686.946** 1988 Elevation: **689.402**

Date Levelled: 1996 Date Levelled: 0

Reference: LL42/123 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

Chisled Square on the southeast corner of Buchanan Well No. 1 at the northwest corner of Magnolia Avenue and Buchanan Street.

Adjusted and Levelled: May 1997

Bench Mark Description:

Point ID: **E3-D2**

1929 Elevation: **829.204** 1988 Elevation: **831.668**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

P.K. Nail and tag in culvert headwall on northerly side of Victoria Avenue, 50 feet westerly of Cross Street

Bench Mark Description:

Point ID: **E3-E2**

1929 Elevation: **808.504** 1988 Elevation: **810.964**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and City Engineer Tag in the southeast curb return of Tyler Street and Balmoral Court

Bench Mark Description:

Point ID: **E3-G3**

1929 Elevation: **719.017** 1988 Elevation: **721.471**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag on the most westerly corner of a water vault in the Magolia Avenue median, 52 feet northeasterly of the centerline of Polk Street

Bench Mark Description:

Point ID: **E3-H3**

1929 Elevation: **713.644** 1988 Elevation: **716.098**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the southerly median curb of Magnolia Avenue, 200 feet easterly of the centerline of Burge Street.

Bench Mark Description:

Point ID: **E3-I3**

1929 Elevation: **730.718** 1988 Elevation: **733.172**

Date Leveled: 0 Date Leveled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point **Point Destroyed**

Description:

P.K. Nail and City Engineer Tag in the most easterly curb return of
Magnolia Avenue and Banbury Drive

Bench Mark Description:

Point ID: **E4-A3**

1929 Elevation: **845.010** 1988 Elevation: **847.470**

Date Levelled: 0 Date Levelled: 0

Reference: FB973/48 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag on the top of curb, easterly curb return of Myers Street and Lincoln Avenue

Bench Mark Description:

Point ID: **E4-B2**

1929 Elevation: **881.950** 1988 Elevation: **884.412**

Date Levelled: 1971 Date Levelled: 0

Reference: FB735/43 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped "E4-B" in capped well at the intersection of Victoria Avenue and Van Buren Blvd.

Bench Mark Description:

Point ID: **E4-C2**

1929 Elevation: **1002.207** 1988 Elevation: **1004.677**

Date Levelled: 1971 Date Levelled: 0

Reference: FB656/66 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail in the headwall of a drain flume of the Gage Canal at the south-westerly side of Meyers Street at the Gage Canal

Bench Mark Description:

Point ID: **E4-D2**

1929 Elevation: **1000.865** 1988 Elevation: **1003.335**

Date Levelled: 1971 Date Levelled: 0

Reference: FB656/66 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail in the water gate of the Gage Canal at the southwesterly side of Harrison Street and the the Gage Canal

Bench Mark Description:

Point ID: **E4-E2**

1929 Elevation: **1001.699** 1988 Elevation: **1004.169**

Date Levelled: 1971 Date Levelled: 0

Reference: FB735/78 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail in the southerly end of the Gage Canal headwall at the southwesterly side of John Street.

Bench Mark Description:

Point ID: **E4-F2**

1929 Elevation: **929.736** 1988 Elevation: **932.203**

Date Levelled: 1971 Date Levelled: 0

Reference: FB739/52 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

P.K. Nail and tag in a concrete block retaining wall at the southerly corner of Dufferin Avenue and Mc Allister Street

REPORTED DESTROYED BY CITY CREW - 6/98

Bench Mark Description:

Point ID: **E4-G2**

1929 Elevation: **856.399** 1988 Elevation: **858.862**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

1/2 " Iron Pipe in monument well at the intersection of Victoria Avenue and Harrison Street

Bench Mark Description:

Point ID: **E4-H2**

1929 Elevation: **860.719** 1988 Elevation: **863.183**

Date Levelled: 1971 Date Levelled: 0

Reference: FB739/63 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and tag 5 feet easterly of the westerly end of the top of curb on the northerly curb of Victoria Avenue, 55 feet easterly of Mc Allister Street

Bench Mark Description:

Point ID: **E4-I2**

1929 Elevation: **871.412** 1988 Elevation: **873.874**

Date Leveled: 1971 Date Leveled: 0

Reference: FB739/77 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and tag in the northeasterly corner of a concrete cross gutter on the northerly side of Victoria Avenue, 300 feet westerly of Jackson Street

Bench Mark Description:

Point ID: **E4-J3**

1929 Elevation: **858.202** 1988 Elevation: **860.662**

Date Leveled: 0 Date Leveled: 0

Reference: FB973/49 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of curb of the most southerly curb return at Lincoln Avenue and Van Buren Blvd.

Bench Mark Description:

Point ID: **E5-A3**

1929 Elevation: **860.649** 1988 Elevation: **863.109**

Date Levelled: 1988 Date Levelled: 0

Reference: FB973/50 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of curb of the southerly curb return at Lincoln Avenue and Gibson Street

Bench Mark Description:

Point ID: **E5-B2**

1929 Elevation: **1004.871** 1988 Elevation: **1007.340**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail in the northerly end of the easterly headwall of the Gage Canal bridge at Jackson Street

Bench Mark Description:

Point ID: **E5-C2**

1929 Elevation: **1006.666** 1988 Elevation: **1009.135**

Date Levelled: 1971 Date Levelled: 0

Reference: FB656/51 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail in the southerly end of a flume drain headwall on the northeasterly side of Monroe Street at the Gage Canal

Bench Mark Description:

Point ID: **E5-D2**

1929 Elevation: **1005.913** 1988 Elevation: **1008.382**

Date Levelled: 1971 Date Levelled: 0

Reference: FB656/55 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail in the easterly headwall of the Gage Canal bridge at Gratton Street

Bench Mark Description:

Point ID: **E5-F2**

1929 Elevation: **933.337** 1988 Elevation: **935.802**

Date Levelled: 1971 Date Levelled: 0

Reference: FB847/3 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and tag in the culvert headwall at the southerly corner of Monroe Street and Dufferin Avenue.

Bench Mark Description:

Point ID: **E5-G3**

1929 Elevation: **875.663** 1988 Elevation: **878.123**

Date Levelled: 1988 Date Levelled: 0

Reference: FB973/51 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail in the top of curb of the easterly curb return at Lincoln Avenue and Jackson Street

Bench Mark Description:

Point ID: **E5-H3**

1929 Elevation: **855.596** 1988 Elevation: **858.055**

Date Levelled: 1988 Date Levelled: 0

Reference: FB973/52 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of curb of the most westerly curb return at Lincoln Avenue and Irving Street

Bench Mark Description:

Point ID: **E5-I3**

1929 Elevation: **855.989** 1988 Elevation: **858.449**

Date Levelled: 2000 Date Levelled: 0

Reference: LL46/113 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and Engineering Tag in the easterly wall of a Catch Basin, 1' back of the curb along the southerly curb of Lincoln Avenue, 58' +/- westerly from the centerline of Irving Street
Tranfered by City Crew per LL 46/113 April 2000.
Calced and Entered April 2000

Bench Mark Description:

Point ID: **E6-A2**

1929 Elevation: **1079.003** 1988 Elevation: **1081.475**

Date Levelled: 1971 Date Levelled: 0

Reference: FB846/16 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail in the culvert headwall at the southeast corner of Jefferson Street and Hermosa Drive

Bench Mark Description:

Point ID: **E6-B2**

1929 Elevation: **1106.766** 1988 Elevation: **1109.239**

Date Levelled: 1971 Date Levelled: 0

Reference: FB846/24 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Railroad Spike in power pole #685391-H on the easterly side of Washington Street at Hermosa Drive.

Bench Mark Description:

Point ID: **E6-C2**

1929 Elevation: **1083.278** 1988 Elevation: **1085.748**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Point Destroyed

Description:

Top of a yellow painted bolt at the base of a vent pipe on the south side of a pump station slab at the northwest corner of Washington Street and Bradley Street

(Reported Destroyed: 2/98 by City Survey Crew)

Bench Mark Description:

Point ID: **E6-D2**

1929 Elevation: **1322.273** 1988 Elevation: **1324.752**

Date Levelled: 1971 Date Levelled: 0

Reference: FB847/04 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and tag in the top of curb of the northerly curb return at Washington Street and Wagon Wheel Drive

Bench Mark Description:

Point ID: **E7-A2**

1929 Elevation: **1397.012** 1988 Elevation: **1399.493**

Date Leveled: 1971 Date Leveled: 0

Reference: FB739/46 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and tag in 8 foot square boulder, 75 easterly of Washington Street and 500 westerly of Golden Star Avenue.

Bench Mark Description:

Point ID: **E8-A2**

1929 Elevation: **1588.453** 1988 Elevation: **1590.935**

Date Levelled: 1971 Date Levelled: 0

Reference: FB735/74 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and tag in top of 35 X 50 X 20 foot granite boulder, 100 feet westerly of Trautwein Road and 500 feet northerly of Jesse Lane.

Found in Excellent Condition: March 1996.

Bench Mark Description:

Point ID: **E8-B2**

1929 Elevation: **1609.733** 1988 Elevation: **1612.217**

Date Levelled: 1971 Date Levelled: 0

Reference: FB735/75 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Point Destroyed

Description:

P.K. Nail and tag in the northerly end of a culvert headwall, 27 feet westerly of Trautwein Road, and 200 feet southerly of Wood Road.

Destroyed: 1995 - Road widening; culvert replaced and extended

Bench Mark Description:

Point ID: **E8-C3**

1929 Elevation: **1674.947** 1988 Elevation: **1677.438**

Date Levelled: 1996 Date Levelled: 0

Reference: LL43/10 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and Tag in the northerly wall of a catch basin 2 easterly of the easterly curb of Trautwein Road, 100 feet northerly of Van Buren Blvd.

Transfer from VB-10-2

Adjusted and Entered: June 1997 with run from E8-A

Bench Mark Description:

Point ID: **E8-D3**

1929 Elevation: **1599.767** 1988 Elevation: **1602.256**

Date Levelled: 1997 Date Levelled: 0

Reference: LL43/108 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the sidewalk over the westerly wall of a Catch Basin at the E.C.R. of the southeasterly curb return of Jesse Lane and Trautwein Road. The mark is 2 feet southerly of the face of curb.

Adjusted and Entered: June 1997

Bench Mark Description:

Point ID: **E8-E3**
1929 Elevation: **1613.520** 1988 Elevation: **1616.023**
Date Levelled: 1997 Date Levelled: 0
Reference: LL43/108 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the sidewalk over the northerly wall of a Catch Basin along the easterly curb of Trautwein Road, 250 feet southerly of the southerly drive to the Orangecrest Electric Substation. The mark is 2 feet easterly of the face of curb.
Adjusted and Entered: June 1997

Bench Mark Description:

Point ID: **E8-F3**
1929 Elevation: **1665.151** 1988 Elevation: **1667.648**
Date Levelled: 1997 Date Levelled: 0
Reference: LL43/108 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag on the sidewalk over the westerly wall of a Catch Basin along the southerly curb of Orange Terrace Pkwy, 100 feet easterly of Trautwein Road. The mark is 2 feet southerly of the face of curb.
Adjusted and Entered: June 1997.

Bench Mark Description:

Point ID: **E8-G3**
1929 Elevation: **1642.465** 1988 Elevation: **1644.955**
Date Levelled: 2000 Date Levelled: 0
Reference: LL46/108 Reference:
Adjustment Year: 1970 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer tag in the top of the sidewalk over the easterly wall of a Catch Basin along the southerly curb of Van Buren Blvd and 700 feet easterly of Wood Road.
Part of the Orangecrest Level Circuit: March 2000

Bench Mark Description:

Point ID: **E8-H3**
1929 Elevation: **1585.664** 1988 Elevation: **1588.147**
Date Levelled: 2000 Date Levelled: 0
Reference: LL46/109A Reference:
Adjustment Year: 1970 Adjustment Year: 2009
3rd Order Point

Description:

Northerly corner of the base flange of a steel power pole # 35063 along the southerly alignment of John F. Kennedy, 75' east of Wood Road
Part of the Orangecrest Level Circuit: Mar 2000

Bench Mark Description:

Point ID: **E8-I3**
1929 Elevation: **1600.194** 1988 Elevation: **1602.678**
Date Levelled: 2000 Date Levelled: 0
Reference: LL46/109A Reference:
Adjustment Year: 2000 Adjustment Year: 2009

3rd Order Point

Description:

Northerly corner of a the base flange of a steel power pole
35061 along the John F. Kennedy alignment north of Wood Road
and 300 feet west of Trautwein Road.

Levelled as part of the Orangecrest Level Circuit: March 2000

Bench Mark Description:

Point ID: **E8-J3**
1929 Elevation: **1792.752** 1988 Elevation: **1795.242**
Date Levelled: 2000 Date Levelled: 0
Reference: LL46/109 Reference:
Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Enginer Tag in the northwest corner of a concrete street
light base along the southerly curb of Siegal Avenue, 53 feet easterly of Jacob.
Part of the Orangecrest Level Circuit: Mar 2000

Bench Mark Description:

Point ID: **E8-K3**
1929 Elevation: **1737.063** 1988 Elevation: **1739.553**
Date Levelled: 2000 Date Levelled: 0
Reference: LL46/107A Reference:
Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag along the southerly curb of Siegal Avenue, 60
feet westerly of Dolf Court, in the northwest conrner of a concrete street light
base.

Part of the Orangecrest Level Circuit: Mar 2000

Bench Mark Description:

Point ID: **E8-L3**
1929 Elevation: **1676.673** 1988 Elevation: **1679.163**
Date Levelled: 2000 Date Levelled: 0
Reference: LL46/107 Reference:
Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag along the easterly curb of Yarrow Lane, 71 feet
southerly of Siegal Avenue, in the northwest corner of a concrete base of a
street light.

Part of the Orangecrest Level Circuit: Mar 2000

Bench Mark Description:

Point ID: **EV1112**

1929 Elevation: 0	1988 Elevation: 935.120
Date Levelled: 0	Date Levelled: 1993
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1993

1st Order Point

Description:

SET PIN AND COUNTY SURVEYOR BRASS TAG IN RETAINING WALL STAMPED "BM" ALONG BNSF RR, 1 MILE NORTH OF CENTER STREET, 30 FEET NORTH OF DeBERRY STREET EXTENDED, 12 FEET EAST OF THE EAST TRACK, IN A RETAINING WALL 1 FOOT SOUTH OF AN ANGLE POINT, 4 FEET NORTH OF THE SOUTH END OF THE WALL.

Bench Mark Description:

Point ID: **EV1113**

1929 Elevation: 0	1988 Elevation: 935.910
Date Levelled: 0	Date Levelled: 1991
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1991

1st Order Point

Description:

A standard U.S.C. & G.S. Brass disk stamped " R-449 1949 " set in the top of the north end of the west headwall of the Riverside Water Company Canal headwall under the A.T. & S.F. Railroad tracks about 0.55 miles north of the Center Street crossing, between the Edison Plant and the Iowa Ave on/off ramps to the 215 freeway, 2 1/2 poles south of milepost 6, 1.3 feet north of a 1.5 inch iron pipe projecting 1.5 feet above the headwall, and 5 feet lower than the track

Bench Mark Description:

Point ID: **EV1120**

1929 Elevation: 0	1988 Elevation: 951.310
Date Levelled: 0	Date Levelled: 1991
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1991

1st Order Point

Description:

A standard U.S.C. & G.S. Brass Disk stamped " Z 38 RESET 1946 " set in the top of the concrete foundation of the former Highgrove railway station, 205 feet south along the A.T. & S.F. railroad tracks from the Center Street Crossing. Recovered 1996 in good condition. The building is now removed and the point remains in the concrete foundation flush with the ground.

Bench Mark Description:

Point ID: **EV1129**

1929 Elevation: 0	1988 Elevation: 901.150
Date Levelled: 0	Date Levelled: 1991
Reference:	Reference: NGS
Adjustment Year: 0	Adjustment Year: 1991

1st Order Point

Point Destroyed

Description:

A standard City of Riverside Brass Disk stamped " 600-6-68 " set in a concrete post 0.2 miles south along the A.T. & S.F. Railroad tracks from the Palmyrita Avenue crossing, 20 feet northwest of the northwest rail, 66.5 feet northeast of power pole # 25151-J, 50 feet northeast of a concrete control box. Point destroyed, 1996, Found base of concrete post 2 feet deep; by: City Survey Office.

Bench Mark Description:

Point ID: **EV3460**

1929 Elevation: 0 1988 Elevation: **932.030**

Date Leveled: 0 Date Leveled: 1991

Reference: Reference: NGS

Adjustment Year: 0 Adjustment Year: 1993

1st Order Point

Description:

DISK STAMPED " E 1307 1978"

At Iowa and Citrus along teh BNSF Tracks, 10.7 Feet North of Citrus
33 Feet southeast of the southeast rail of the main tract, 124 feet NE of
NE Cor. of the RR Tele Box Foundation, Access is through a 4" Plastic Screw Cap.

Bench Mark Description:

Point ID: **EV3552**

1929 Elevation: 0 1988 Elevation: **962.030**

Date Leveled: 0 Date Leveled: 1993

Reference: Reference: NGS

Adjustment Year: 0 Adjustment Year: 1993

1st Order Point

Description:

BRASS DISK STAMPED " F 1307 1978"

AT PALMYRITA AND THE BNSF TRACKS, 25 FEET SOUTH OF THE CENTERLINE OF PALMYRITA
51.5 FEET EAST OF THE EAST RAIL, IN TEH NORTH EDGE OF A UTILITY PAD FOUNDATION.

Bench Mark Description:

Point ID: **F1-A2**

1929 Elevation: **806.587** 1988 Elevation: **809.027**

Date Leveled: 1971 Date Leveled: 0

Reference: FB739/37 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

Brass Disk stamped " F1-A " in 12 inch diameter concrete monument in the parkway behind the southwesterly curb return of Gramercy Place and Sierra Vista Drive.

Reported Destroyed by City Field Crew 2/97

Bench Mark Description:

Point ID: **F2-A2**

1929 Elevation: **742.089** 1988 Elevation: **744.534**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Concrete Monument with bolt in Well at intersection of Sierra Vista Avenue and
Pierce Street

Bench Mark Description:

Point ID: **F2-B2**

1929 Elevation: **786.734** 1988 Elevation: **789.177**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Concrete Monument and Nail in well at intersection of Sierra Vista Avenue
and Norwood Avenue.

Bench Mark Description:

Point ID: **F2-C2**

1929 Elevation: **740.718** 1988 Elevation: **743.158**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Point Destroyed

Description:

P.K. Nail and Tag in the center of the northwest curb return at La Sierra
Avenue and Gramercy Place. NOTE: Mark Disturbed; Head Broken Off ; see
FB 985 pg 37.

Reported Destroyed by City Field Crew 2/97

Bench Mark Description:

Point ID: **F2-D2**

1929 Elevation: **701.446** 1988 Elevation: **703.895**

Date Levelled: 1971 Date Levelled: 0

Reference: FB838/1 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Point Destroyed

Description:

P.K. Nail in the northeast curb return at La Sierra Avenue and Pierce Street

Bench Mark Description:

Point ID: **F2-E2**

1929 Elevation: **714.416** 1988 Elevation: **716.861**

Date Levelled: 1971 Date Levelled: 0

Reference: FB838/1 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

P.K. Nail in the northwest return of La Sierra Avenue and Pierce Street

Bench Mark Description:

Point ID: **F2-F2**

1929 Elevation: **718.423** 1988 Elevation: **720.868**

Date Levelled: 1971 Date Levelled: 0

Reference: FB739/61 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Railroad Spike in a power pole (#1273917E) at the northwest corner of Wells Avenue and Hedrick Avenue.

Bench Mark Description:

Point ID: **F2-G3**

1929 Elevation: **754.793** 1988 Elevation: **757.232**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail in the center of the southwest curb return at La Sierra Avenue and Thrush Drive.

Bench Mark Description:

Point ID: **F2-H3**

1929 Elevation: **758.706** 1988 Elevation: **761.148**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

Railroad Spike in a power pole (#750642-H) on the westerly corner of Tyler Street and Hedrick Avenue.

Bench Mark Description:

Point ID: **F2-I3**

1929 Elevation: **703.158** 1988 Elevation: **705.605**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the center of the most westerly curb return at La Sierra Avenue and Schuyler Avenue.

Bench Mark Description:

Point ID: **F2-J3**

1929 Elevation: **702.865** 1988 Elevation: **705.314**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the catch basin wing of the most northerly curb of Collett Avenue, 475 feet westerly of Newby Drive. Near address 10907 Collett Avenue

Bench Mark Description:

Point ID: **F2-K3**

1929 Elevation: **705.060** 1988 Elevation: **707.509**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the center of the most westerly curb return at Collett Avenue and Polk Street.

Bench Mark Description:

Point ID: **F2-L3**

1929 Elevation: **703.973** 1988 Elevation: **706.421**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Point Destroyed

Description:

P.K. Nail and City Engineer Tag in the center of the southwest curb return of Hole Avenue and Jones Ave. DESTROYED

Bench Mark Description:

Point ID: **F2-M3**

1929 Elevation: **705.516** 1988 Elevation: **707.962**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Tag in the northerly curb of Hole Avenue 40 feet easterly of the centerline of Hiers Avenue.

Bench Mark Description:

Point ID: **F2-N3**

1929 Elevation: **720.852** 1988 Elevation: **723.297**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the northerly curb of Pierce Street midway between Rose Avenue and Hollyhock Lane.

Bench Mark Description:

Point ID: **F2-O3**

1929 Elevation: **722.756** 1988 Elevation: **725.201**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the most southerly curb return at Pierce Street and Golden Avenue.

Bench Mark Description:

Point ID: **F2-P3**

1929 Elevation: **725.633** 1988 Elevation: **728.078**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the southerly curb of of Pierce Street, 1100 feet southwesterly of Golden Avenue. Tag is 10 easterly of a driveway approach

Bench Mark Description:

Point ID: **F2-Q3**
1929 Elevation: **739.712** 1988 Elevation: **742.159**
Date Levelled: 0 Date Levelled: 0
Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point
Description:
P.K. Nail and City Engineer Tag in the street light base at the back of the westerly curb of Pierce Street, 1100 feet southerly of Sierra Vista Avenue.

Bench Mark Description:

Point ID: **F2-R3**
1929 Elevation: **729.399** 1988 Elevation: **731.841**
Date Levelled: 0 Date Levelled: 0
Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point **Point Destroyed**
Description:
P.K. Nail and City Engineer Tag in the most westerly curb return of Norwood Avenue and La Sierra Avenue
Reported Destroyed By City Field Crew 2/97

Bench Mark Description:

Point ID: **F2-S2**
1929 Elevation: **702.248** 1988 Elevation: **704.697**
Date Levelled: 1971 Date Levelled: 0
Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point
Description:
P.K. Nail and City Engineer tag in the center of the most southerly curb return at La Sierra Avenue and Collett Avenue. (Formerly F2-D RE-SET)

Bench Mark Description:

Point ID: **F2-T2**
1929 Elevation: **713.089** 1988 Elevation: **715.534**
Date Levelled: 1971 Date Levelled: 0
Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point
Description:
P.K. Nail and City Engineer Tag in the top of the curb at the northwest corner of the traffic signal island at the southeasterly corner of Hole Avenue and La Sierra Avenue. (FORMERLY F2-E RESET)

Bench Mark Description:

Point ID: **F2-U3**

1929 Elevation: **749.704** 1988 Elevation: **752.148**

Date Leveled: 2001 Date Leveled: 0

Reference: LL46-158 Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the north corner of a traffic signal base at
at the southwest corner of Tyler Street and Wells Avenue

Bench Mark Description:

Point ID: **F3-A2**

1929 Elevation: **749.491** 1988 Elevation: **751.934**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped "F3-A" in well at the intersection of Wells Avenue and Tyler Street.

Bench Mark Description:

Point ID: **F3-C2**

1929 Elevation: **769.129** 1988 Elevation: **771.582**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

P.K. Nail and City Engineer Tag in the base of a street light on the most easterly corner of Magnolia Avenue at Harrison Street southerly.

(FORMERLY F3-F RESET)

Reported Destroyed By City Survey Crew 5/2002

Bench Mark Description:

Point ID: **F3-D2**

1929 Elevation: **758.317** 1988 Elevation: **760.765**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail in the northerly curb return of Van Buren Blvd. and California Avenue

Bench Mark Description:

Point ID: **F3-F2**

1929 Elevation: **768.267** 1988 Elevation: **770.720**

Date Levelled: 1971 Date Levelled: 0

Reference: FB717/5 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

Brass Disk in well at intersection of Harrison Street south and the southerly drive of Magnolia Avenue.

Bench Mark Description:

Point ID: **F3-G1**
1929 Elevation: **753.174** 1988 Elevation: **755.627**
Date Levelled: 1971 Date Levelled: 0
Reference: Reference:
Adjustment Year: 1971 Adjustment Year: 2009
1st Order Point **Point Destroyed**
Description:
N.G.S. Brass Disk near center of the most southerly curb return of Magnolia Avenue at Hughes Alley.
Reported Destroyed by City Survey Crew 5/2001

Bench Mark Description:

Point ID: **F3-H2**
1929 Elevation: **736.223** 1988 Elevation: **738.675**
Date Levelled: 0 Date Levelled: 0
Reference: Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point **Point Destroyed**
Description:
PK Nail and City Engineer Tag in the S'ly Curb of Hole Ave, 165' W'ly of the P.I. of Hole and Tyler, 2' N'ly of PP. # 29426-J .
Reported Destroyed by City Survey Crew 4/2002

Bench Mark Description:

Point ID: **F3-I2**
1929 Elevation: **731.350** 1988 Elevation: **733.800**
Date Levelled: 0 Date Levelled: 0
Reference: Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point
Description:
PK Nail in center of most W'ly curb return of Tyler Street and Bonita Ave.

Bench Mark Description:

Point ID: **F3-J3**
1929 Elevation: **745.602** 1988 Elevation: **748.050**
Date Levelled: 0 Date Levelled: 0
Reference: Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point
Description:
P.K. Nail and City Engineer Tag in the center of the most westerly curb return of Tyler Street and California Avenue.

Bench Mark Description:

Point ID: **F3-K3**

1929 Elevation: **754.979** 1988 Elevation: **757.425**

Date Levelled: 0 Date Levelled: 0

Reference: LL8/43A Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the westerly curb of Tyler Street 64.5 feet southerly of the centerline intersection of Tyler Street and Ocampo Street.

(NOTE: This elevation was corrected on 7/29/98. Old elevation of 745.979 was incorrect.)

Bench Mark Description:

Point ID: **F3-L3**

1929 Elevation: **754.389** 1988 Elevation: **756.834**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

Railroad Spike in a power pole (#694652-H) 180 feet southerly of the intersection of Tyler Street and Mull Avenue. Vacinity of 4682 Tyler Street

Bench Mark Description:

Point ID: **F3-M3**

1929 Elevation: **707.193** 1988 Elevation: **709.642**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the southerly curb of Hole Avenue 50 feet easterly of the centerline of Collett Avenue.

Bench Mark Description:

Point ID: **F3-N3**

1929 Elevation: **722.937** 1988 Elevation: **725.387**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of the northerly curb Hole Avenue 45 feet westerly of the centerline of Bonita Avenue.

Bench Mark Description:

Point ID: **F3-O3**

1929 Elevation: **768.625** 1988 Elevation: **771.076**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point **Point Destroyed**

Description:

P.K. Nail and City Engineer Tag in the street light base at the northwest corner of Harrison Street and County Farm Road.
See LL30/114A for new mark.

Bench Mark Description:

Point ID: **F3-P3**

1929 Elevation: **766.065** 1988 Elevation: **768.515**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the easterly curb of Harrison Street 40 feet northerly of the centerline of Sharon Avenue

Bench Mark Description:

Point ID: **F3-Q3**

1929 Elevation: **764.628** 1988 Elevation: **767.077**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the easterly top of curb of Harrison Street 265 feet southerly of the centerline of Sequoia Street, 5 feet southerly of the northerly driveway approach to 4179 Harrison Street.

Bench Mark Description:

Point ID: **F3-R3**

1929 Elevation: **710.956** 1988 Elevation: **713.408**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the westerly curb of Polk Street, 40 feet southerly of the centerline of Cochran Avenue.

Bench Mark Description:

Point ID: **F3-S3**

1929 Elevation: **768.872** 1988 Elevation: **771.323**

Date Leveled: 1992 Date Leveled: 0

Reference: LL30/114A Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in teh top of curb at the M.O.C. of the northwest curb return of Harrison Street and County Farm Road

Transfer per LL 30/114A from F3-03

Entered into CADME April 2000.

Bench Mark Description:

Point ID: **F4-A1**

1929 Elevation: **810.933** 1988 Elevation: **813.370**

Date Levelled: 1970 Date Levelled: 0

Reference: FB735/7 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

California Division of Highways Brass Disk stamped "C/L MONROE" in well at 40 feet northerly along the centerline of Monroe Street from the intersection of Monroe Street and Indiana Avenue NOTE: Also known as 601-21-68

Bench Mark Description:

Point ID: **F4-D3**

1929 Elevation: **771.483** 1988 Elevation: **773.933**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the most easterly curb return of Van Buren Blvd. and Garfield Street

Bench Mark Description:

Point ID: **F4-E2**

1929 Elevation: **782.356** 1988 Elevation: **784.808**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and tag in the center of the most easterly curb return of Magnolia Avenue and Everest Street.

Bench Mark Description:

Point ID: **F4-F2**

1929 Elevation: **772.458** 1988 Elevation: **774.910**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and tag in the base of traffic signal at the northerly corner of Magnolia Avenue and Jackson Street

Bench Mark Description:

Point ID: **F4-G1**
1929 Elevation: **788.349** 1988 Elevation: **790.820**
Date Levelled: 1971 Date Levelled: 0
Reference:
Adjustment Year: 1971 Adjustment Year: 2009
1st Order Point

Description:

At Magnolia Avenue and Roosevelt Street at the Arlington Branch of the Riverside Public Library, on the east side of the main entrance and about 1 foot above the ground. A standard disk stamped " O 38 1924 ".

Bench Mark Description:

Point ID: **F4-H3**
1929 Elevation: **750.844** 1988 Elevation: **753.292**
Date Levelled: 1971 Date Levelled: 0
Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the Easterly Wing of a Catch Basin at the Westerly corner of California Avenue and Kingsbury Place.

Bench Mark Description:

Point ID: **F4-I3**
1929 Elevation: **750.138** 1988 Elevation: **752.586**
Date Levelled: 0 Date Levelled: 0
Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the most westerly corner of the most northerly curb return at California Avenue and Jackson Street.

Bench Mark Description:

Point ID: **F4-J3**
1929 Elevation: **758.121** 1988 Elevation: **760.571**
Date Levelled: 0 Date Levelled: 0
Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the most northerly catch basin wing of the easterly corner of Jackson Street and Garfield Street.

Bench Mark Description:

Point ID: **F4-K3**

1929 Elevation: **783.098** 1988 Elevation: **785.549**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the most northerly curb return of Melody Lane and Magnolia Avenue.

Bench Mark Description:

Point ID: **F4-L3**

1929 Elevation: **771.170** 1988 Elevation: **773.621**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag 1 foot northeasterly of the northerly curb return of Magnolia Avenue at Sherman Drive.

Bench Mark Description:

Point ID: **F4-M3**

1929 Elevation: **776.613** 1988 Elevation: **779.064**

Date Levelled: 1996 Date Levelled: 0

Reference: LL42/58 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. nad City Engineer Tag in the northerly curb of Hayes Street, 20 feet east of the B.C.R. of the northeast curb return at Van Buren Blvd and Hayes Street. Set as part of the Van Buren Blvd. Widening Project

Bench Mark Description:

Point ID: **F4-N3**

1929 Elevation: **786.983** 1988 Elevation: **789.435**

Date Levelled: 1996 Date Levelled: 0

Reference: LL42/53 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the southerly curb of Magnolia Avenue 1 foot east of the E.C.R. in the southeast curb return of Magnolia and Van Buren Blvd. Set as part of the Van Buren Blvd Widening Project.

Bench Mark Description:

Point ID: **F4-O3**

1929 Elevation: **805.903** 1988 Elevation: **808.358**

Date Levelled: 1996 Date Levelled: 0

Reference: LL42/55 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of the east curb of Van Buren Blvd 2 feet north of the E.C.R. of the northeast curb return of Van Buren Blvd and Andrew Street.

Set as part of the Van Buren Blvd Widening Project 1996

Bench Mark Description:

Point ID: **F4-P2**

1929 Elevation: **814.981** 1988 Elevation: **817.437**

Date Levelled: 1979 Date Levelled: 0

Reference: FB1021/5 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and City Engineer Tag in the northerly curb of Indiana Avenue, about 215 feet east of the centerline intersection of Van Buren Blvd and Indiana Ave. BM TRANSFER/ Adjusted as part of the Van Buren Widening Project / 1996

Bench Mark Description:

Point ID: **F4-Q3**

1929 Elevation: **826.522** 1988 Elevation: **828.978**

Date Levelled: 1996 Date Levelled: 0

Reference: LL42/55 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of the westerly curb of Gibson Street 1 foot southerly of the E.C.R. of the southwest curb return of Gibson Street and Indiana Avenue.

Set as part of the Van Buren Blvd. Widening Project

Bench Mark Description:

Point ID: **F4-R3**

1929 Elevation: **777.617** 1988 Elevation: **780.068**

Date Levelled: 1996 Date Levelled: 0

Reference: LL42/123 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of curb at the B.C.R. of the northwesterly curb return of Magnolia Avenue and Monroe Street.

Entered and Adjusted : May 1997

Bench Mark Description:

Point ID: **F4-S2**

1929 Elevation: **771.403** 1988 Elevation: **773.855**

Date Leveled: 1997 Date Leveled: 0

Reference: LL43/106 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and City Engineer Tag in the northwesterly corner of a catch basin along the westerly curb of Jackson Street, 80 feet northerly of Magnolia Avenue

B.M. Transfer from F4-F2

Entered June 1997

Bench Mark Description:

Point ID: **F5-A3**

1929 Elevation: **894.262** 1988 Elevation: **896.719**

Date Levelled: 1996 Date Levelled: 0

Reference: LL43/25 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag on the back of a catch basin, 9 feet west of the southwest curb return at Lincoln Avenue and Madison Street, 20 feet south of the centerline of Lincoln Avenue.

Adjusted and Entered: May 1997

Bench Mark Description:

Point ID: **F5-B2**

1929 Elevation: **855.116** 1988 Elevation: **857.570**

Date Levelled: 1996 Date Levelled: 0

Reference: LL42/113 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of the headwall at the drainage channel on the westerly side of Madison Street, 100 feet southerly of the southerly curb return at Indiana Avenue and Madison Street.

Adjusted and Entered: May 1997.

Bench Mark Description:

Point ID: **F5-C1**

1929 Elevation: **837.656** 1988 Elevation: **840.035**

Date Levelled: 0 Date Levelled: 0

Reference: FB735/51 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

Brass Disk stamped "F5-C" in capped well monument at the intersection of Jefferson Street and Indiana Avenue. Also known as " 601-19-68 "

Bench Mark Description:

Point ID: **F5-E2**

1929 Elevation: **873.374** 1988 Elevation: **875.835**

Date Levelled: 1971 Date Levelled: 0

Reference: FB739/78 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and tag in the culvert headwall at the easterly corner of Victoria Avenue and Monroe Street

Bench Mark Description:

Point ID: **F5-F2**

1929 Elevation: **896.317** 1988 Elevation: **898.777**

Date Levelled: 1971 Date Levelled: 0

Reference: FB739/79 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and City Engineer Tag on the concrete curb adjacent to the southerly side of a dirt driveway on the westerly side of Adams Street, 150 feet northerly of Victoria Avenue.

Bench Mark Description:

Point ID: **F5-G2**

1929 Elevation: **901.404** 1988 Elevation: **903.864**

Date Levelled: 1971 Date Levelled: 0

Reference: FB739/80 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

Bench Mark Description:

Point ID: **F5-H2**

1929 Elevation: **845.599** 1988 Elevation: **848.058**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and City Engineer Tag in the Riverside Water Company Canal headwall on the westerly side of Monroe Street, 260 feet northerly of Lincoln Avenue.

Bench Mark Description:

Point ID: **F5-I2**

1929 Elevation: **882.034** 1988 Elevation: **884.492**

Date Levelled: 1967 Date Levelled: 0

Reference: FB838/68 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail in curb return at Lincoln Street entrance to the City Municipal Yard

Bench Mark Description:

Point ID: **F5-J3**

1929 Elevation: **824.075** 1988 Elevation: **826.530**

Date Leveled: 1997 Date Leveled: 0

Reference: LL44/107 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in a street light base along the northerly curb of Indiana Avenue, 75 feet west of Vance Street.

(Set as part of the Auto Center Renovation Project)

Bench Mark Description:

Point ID: **F5-K3**

1929 Elevation: **836.398** 1988 Elevation: **838.853**

Date Leveled: 1999 Date Leveled: 0

Reference: LL46/101 Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the nose of the center median island along Adams Street at Indiana Avenue.

B.M. Transfer as part of Auto Center Rehab: Sept 1999

Bench Mark Description:

Point ID: **F6-A2**

1929 Elevation: **927.999** 1988 Elevation: **930.458**

Date Levelled: 1971 Date Levelled: 0

Reference: FB735/3 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped " F6-A " at the intersection of Victoria Avenue and Washington Street.

Bench Mark Description:

Point ID: **F6-C2**

1929 Elevation: **923.327** 1988 Elevation: **925.786**

Date Levelled: 0 Date Levelled: 0

Reference: FB735/60 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped " F6-C " in a monument well at the intersection of the southerly drive of Victoria Avenue and Madison Street.

Bench Mark Description:

Point ID: **F6-D2**

1929 Elevation: **1007.999** 1988 Elevation: **1010.466**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail in the southerly headwall of the drain flume on the southerly side of the Gage Canal, on the westerly side of Jefferson Street.

Bench Mark Description:

Point ID: **F6-E3**

1929 Elevation: **1009.342** 1988 Elevation: **1011.806**

Date Levelled: 0 Date Levelled: 0

Reference: FB739/44 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail in the westerly corner of the headwall of a spillway over the Gage Canal, 150 feet westerly of Kitchener Street.

Bench Mark Description:

Point ID: **F6-F2**
1929 Elevation: **1010.555** 1988 Elevation: **1013.018**
Date Levelled: 0 Date Levelled: 0
Reference: FB846/21 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point **Point Destroyed**
Description:
Spike and Lead in the northerly end of the easterly headwall of the Gage Canal at Washington Street.

Bench Mark Description:

Point ID: **F6-G2**
1929 Elevation: **1029.593** 1988 Elevation: **1032.057**
Date Levelled: 0 Date Levelled: 0
Reference: Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point
Description:
P.K. Nail and City Engineer Tag in the top of a concrete vault on the westerly side of Washington Street, 15 feet northerly of the intersection of Muirfield Road produced.

Bench Mark Description:

Point ID: **F6-H2**
1929 Elevation: **976.574** 1988 Elevation: **979.039**
Date Levelled: 0 Date Levelled: 0
Reference: FB847/2 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point
Description:
P.K. Nail and City Engineer Tag in the culvert headwall at the Southeast corner of Jefferson Street and Dufferin Avenue Easterly

Bench Mark Description:

Point ID: **F6-I2**
1929 Elevation: **1110.839** 1988 Elevation: **1113.305**
Date Levelled: 0 Date Levelled: 0
Reference: FB854/10 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point
Description:
P.K. Nail and City Engineer Tag in the southeast curb return of Muuirfield Road and Laurie Drive.

Bench Mark Description:

Point ID: **F6-J3**

1929 Elevation: **1083.720** 1988 Elevation: **1086.190**

Date Leveled: 1998 Date Leveled: 0

Reference: LL45/69 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer tag in the northerly wing of a catch basin at the BCR of the southeasterly curb return at Washington Street and Bradley Street.
(Misc Levels; see GPS-69)

Bench Mark Description:

Point ID: **F7-A2**
1929 Elevation: **1337.423** 1988 Elevation: **1339.889**
Date Levelled: 0 Date Levelled: 0
Reference: FB846/43 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point

Description:
1 1/2" square rod in concrete in a capped well monument on Alessandro Blvd., 200 feet southerly of Via Vista Drive.

Bench Mark Description:

Point ID: **F7-B2**
1929 Elevation: **1294.788** 1988 Elevation: **1297.256**
Date Levelled: 0 Date Levelled: 0
Reference: FB847/18 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point

Description:
Brass Disk in a concrete monument on the southerly side of Muirfield Road 10 feet easterly of a power pole without a number and 300 easterly of power pole # 16614J . Note: Due to development plotting is suspect.

Bench Mark Description:

Point ID: **F7-C2**
1929 Elevation: **1426.493** 1988 Elevation: **1428.963**
Date Levelled: 0 Date Levelled: 0
Reference: FB847/19 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point

Description:
Spike and Tag in a granite rock, 125 feet northerly of Muirfield Road, 175 feet westerly of a power pole # 16626-J, and 1/2 mile westerly of Whitegates Reservoir Number 2.

Bench Mark Description:

Point ID: **F7-D2**
1929 Elevation: **1566.318** 1988 Elevation: **1568.791**
Date Levelled: 0 Date Levelled: 0
Reference: FB847/8 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point

Description:
P.K. Nail and City Engineer Tag on the bottom step of a stairway on the northerly side of Whitegates Reservoir Number 2.

Bench Mark Description:

Point ID: **F7-E2**

1929 Elevation: **1422.295** 1988 Elevation: **1424.769**

Date Levelled: 0 Date Levelled: 0

Reference: FB847/12 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and City Engineer Tag in a granite out-cropping, 100 feet north-easterly from the toe of slope of a wash, 50 feet northerly of a dirt road, between Whitegates Reservoir Number 2 and Alesandro Blvd.

Bench Mark Description:

Point ID: **F7-F2**

1929 Elevation: **1339.661** 1988 Elevation: **1342.127**

Date Levelled: 0 Date Levelled: 0

Reference: FB1017/13 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

P.K. Nail and City Engineer Tag in the southwesterly curb of Alessandro Blvd. 200 feet southeasterly of Via Vista Drive

Bench Mark Description:

Point ID: **F7-G3**

1929 Elevation: **1183.682** 1988 Elevation: **1186.142**

Date Levelled: 1998 Date Levelled: 0

Reference: LDC Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of a catch basin at the ECR of the southeasterly curb return of Alessandro Blvd. and Trafalgar Avenue. Levelled by LDC, adjusted by City as part of CITY , RBF, and LDC levels.)

Bench Mark Description:

Point ID: **F7-H3**

1929 Elevation: **1244.128** 1988 Elevation: **1246.590**

Date Levelled: 1998 Date Levelled: 0

Reference: LDC Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

3" MWD Brass Disk in the southerly end of catch basin along the easterly curb of Alessandro Blvd at Whitestone Drive. (Levelled by LDC, adjusted by City as part of CITY, RBF, and LDC levels.)

Bench Mark Description:

Point ID: **F7-I3**
1929 Elevation: **1277.591** 1988 Elevation: **1280.054**
Date Levelled: 1998 Date Levelled: 0
Reference: LL45/100 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the concrete base of street light at the northeasterly curb return of Alessandro Blvd. and Century Avenue.
(Set and leveled by City Crew, input as part of RBF, City, and LDC Levels)

Bench Mark Description:

Point ID: **F7-J3**
1929 Elevation: **1302.588** 1988 Elevation: **1305.052**
Date Levelled: 1998 Date Levelled: 0
Reference: LL45/100 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag set in the northerly wall of a catch basin along the easterly curb of Alessandro Blvd., approximately 300 feet southeasterly of El Portal.
(Set by City Crew, adjusted as part of the City, RBF, and LDC levels)

Bench Mark Description:

Point ID: **F7-K3**
1929 Elevation: **1426.960** 1988 Elevation: **1429.430**
Date Levelled: 2002 Date Levelled: 0
Reference: LL47/7 Reference:
Adjustment Year: 1970 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of a street light along the southerly curb of Overlook Parkway 175' east of Chateau Ridge Drive
Transfer from F7-C2 by City Survey Crew 6/10/2002

Bench Mark Description:

Point ID: **F8-B2**
1929 Elevation: **1607.635** 1988 Elevation: **1610.111**
Date Levelled: 0 Date Levelled: 0
Reference: Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point **Point Destroyed**

Description:

P.K. Nail and Tag in top of a concrete retaining wall southeasterly of the intersection of Alessandro Blvd. and Trautwein Road.
Shown as destroyed by JWS - Removed by construction.

Bench Mark Description:

Point ID: **F8-C2**
1929 Elevation: **1627.344** 1988 Elevation: **1629.820**
Date Levelled: 0 Date Levelled: 0
Reference: FB735/72 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point **Point Destroyed**

Description:

P.K. Nail and Tag in the northerly end of a 6' X 15' X 3' high granite rock northerly of the intersection of Alessandro Blvd. and Trautwein Road.
Shown as Destroyed - J.W.S.

Bench Mark Description:

Point ID: **F8-D2**
1929 Elevation: **1566.731** 1988 Elevation: **1569.210**
Date Levelled: 0 Date Levelled: 0
Reference: FB735/73 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point **Point Destroyed**

Description:

P.K. Nail and Tag in top of a 5' X 15' X 3' high granite boulder, 48 feet westerly of Trautwein Road and 0.4 miles southerly of Alessandro Blvd.

Bench Mark Description:

Point ID: **F8-E2**
1929 Elevation: **1502.195** 1988 Elevation: **1504.665**
Date Levelled: 0 Date Levelled: 0
Reference: FB847/5 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point **Point Destroyed**

Description:

P.K. Nail and Tag in top of a large rock 70 feet southerly of Alessandro Blvd. near pole # 775963-H and 0.6 miles southeasterly of Via Vista Drive.
Shown as destroyed by S.A.W.

Bench Mark Description:

Point ID: **F8-F2**

1929 Elevation: **1634.921** 1988 Elevation: **1637.395**

Date Levelled: 0 Date Levelled: 0

Reference: FB847/13 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and Tag in a 5' X 10' X 2' high granite rock between Whitegates Reservoir No. 2 and Alessandro Blvd, 15 feet northerly of a dirt road running along the crest of a hill. The B.M. bears 20 degrees left of the projected southeasterly side of the County Building on Alessandro Blvd. as measured from the most southerly corner and is 0.25 miles +/- distant. Note: Due to development the plotting accuracy is suspect.

Bench Mark Description:

Point ID: **F8-G3**

1929 Elevation: **1602.329** 1988 Elevation: **1604.806**

Date Levelled: 2000 Date Levelled: 0

Reference: LL46/116 Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the sidewalk over the westerly wall of a catch basin, 1 foot northerly of the face of curb along the northerly curb of Alessandro Blvd., easterly of MISSION GROVE PARKWAY
NOTE: This BM was run in both directions from GPS 68. When closed into a loop it will be subject to further adjustment.

Bench Mark Description:

Point ID: **F8-H3**

1929 Elevation: **1622.303** 1988 Elevation: **1624.840**

Date Levelled: 2000 Date Levelled: 0

Reference: LL46/116 Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the concrete base of a street light pole along the northerly curb of Alessandro Blvd., 125 feet easterly of Barton Road.
NOTE: This BM has been run forward and back to GPS 68. It is not part of a loop and subject to further adjustment.

Bench Mark Description:

Point ID: **G1-A3**

1929 Elevation: **900.680** 1988 Elevation: **903.108**

Date Levelled: 0 Date Levelled: 0

Reference: FB739/69 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail in the northerly curb return of Arlington Avenue and Western Hills Drive . Note: The elevation of this point is notes as "tentative" .

Bench Mark Description:

Point ID: **G1-B3**

1929 Elevation: **770.448** 1988 Elevation: **772.885**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the southwesterly curb return of Campbell Street and La Sierra Avenue.
Formerly "G2-B RESET"

Bench Mark Description:

Point ID: **G1-C3**

1929 Elevation: **796.948** 1988 Elevation: **799.382**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the southeasterly curb return of Alpine Way and La Sierra Avenue.
Formerly "G2-C RESET"

Bench Mark Description:

Point ID: **G1-E3**

1929 Elevation: **806.660** 1988 Elevation: **809.100**

Date Levelled: 1997 Date Levelled: 0

Reference: LL43/89 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the in the southwesterly corner of a catch basin along the westerly curb of Sierra Vista Avenue at the northwest corner of Gramercy Place and Sierra Vista Avenue.
Set as part of the Gramercy-Golden Topo Project

Bench Mark Description:

Point ID: **G1-F3**
1929 Elevation: **771.853** 1988 Elevation: **774.293**
Date Levelled: 1997 Date Levelled: 0
Reference: LL43/89 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the northeasterly corner of a catch basin along the northerly curb of Gramercy Place at the northwesterly curb return of Golden Avenue and Gramercy Place
Set as part of the Gramercy-Golden Topo Project.

Bench Mark Description:

Point ID: **G1-H3**
1929 Elevation: **741.142** 1988 Elevation: **743.582**
Date Levelled: 1997 Date Levelled: 0
Reference: LL43/89 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the southerly end of a catch basin along the westerly curb of La Sierra Avenue, 44 feet northerly of the B.C.R. of the northwesterly curb return at La Sierra Avenue and Gramercy Place
Set as part of the Gramercy-Golden Topo Project.

Bench Mark Description:

Point ID: **G1-J3**
1929 Elevation: **729.556** 1988 Elevation: **731.999**
Date Levelled: 1997 Date Levelled: 0
Reference: LL43/89 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the easterly wing of a catch basin at the B.C.R. of the southwesterly curb return at La Sierra Avenue and Norwood Avenue.

Bench Mark Description:

Point ID: **G1-K3**
1929 Elevation: **736.645** 1988 Elevation: **739.085**
Date Levelled: 1997 Date Levelled: 0
Reference: LL43/107 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of curb of the northerly wing of a catch basin, along the westerly curb of Mitchell Avenue, 290 feet northerly of Gramercy Place.

Entered and Adjusted : June 1997, Mark originally set per FB 1021/27.

Note: included into net with combination of new and old level work. see LL 12 also.

Bench Mark Description:

Point ID: **G1-L3**
1929 Elevation: **747.456** 1988 Elevation: **749.896**
Date Levelled: 1984 Date Levelled: 0
Reference: LL12/ Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point
Description:
Railroad Spike in a combination power pole, No. 28642J in the southeasterly corner of Gramercy Place and Norwood Avenue.
Entered and Adjusted: June 1997, Tied in by combination of old and new levels
Note: Spike found bent upward: June 1997.

Bench Mark Description:

Point ID: **G1-M3**
1929 Elevation: **764.260** 1988 Elevation: **766.701**
Date Levelled: 1984 Date Levelled: 0
Reference: LL12/ Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point
Description:
P.K. Nail and City Engineer Tag in the southeasterly curb return of Gramercy Place and Bushnell Avenue.
Entered and Adjusted: June 1997. Tied in with combination of new and old levels
Note: Found in good condition: June 1997.

Bench Mark Description:

Point ID: **G1-N3**
1929 Elevation: **751.716** 1988 Elevation: **754.157**
Date Levelled: 1984 Date Levelled: 0
Reference: LL12/ Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point
Description:
Railroad Spike in a combination power pole No. 581503H in the northeasterly corner of Gramercy Place and Jones Avenue.
Entered and Adjusted: June 1997. Tied in by combination of old and new levels
Found in good condition by City : June 1997

Bench Mark Description:

Point ID: **G1-O3**
1929 Elevation: **772.431** 1988 Elevation: **774.868**
Date Levelled: 2001 Date Levelled: 0
Reference: LL46/144 Reference:
Adjustment Year: 1970 Adjustment Year: 2009
3rd Order Point
Description:
P.K. Nail and City Engineer Tag in teh Easterly end of a Catch Basin, 4 feet behind the curb face, along the southerly side of Campbell, 125 feet westerly of the centerline of La Sierra Avenue.
Transferred from G1-B3(formerly G2-B Reset)

Bench Mark Description:

Point ID: **G1-P3**

1929 Elevation: **770.446** 1988 Elevation: **772.886**

Date Leveled: 2005 Date Leveled: 0

Reference: LL47/50 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Surveyor Tag set in the south wall of a catch basin along Tyler Avenue, 15 feet north of the northeast curb return at Tyler Street and Keller Avenue, 1 foot behind the top of curb.

Bench Mark Description:

Point ID: **G2-A2**

1929 Elevation: **865.079** 1988 Elevation: **867.509**

Date Levelled: 0 Date Levelled: 0

Reference: FB735/58A Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped " G2-A " set in concrete in the most westerly traffic island at Arlington Avenue and La Sierra Avenue.

Bench Mark Description:

Point ID: **G2-B2**

1929 Elevation: **771.134** 1988 Elevation: **773.571**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

P.K. Nail in the center of the southwest curb return at Campbell Street and La Sierra Avenue.

Bench Mark Description:

Point ID: **G2-C2**

1929 Elevation: **798.722** 1988 Elevation: **801.156**

Date Levelled: 0 Date Levelled: 0

Reference: FB739/38 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and Tag in the concrete step of a house at 6071 La Sierra Avenue, on the southerly side facing Alpine Way.

Bench Mark Description:

Point ID: **G2-D2**

1929 Elevation: **800.374** 1988 Elevation: **802.806**

Date Levelled: 0 Date Levelled: 0

Reference: FB837/57 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

1-1/4" Iron Pipe in a capped well monument at the intersection of Mitchell Avenue and Arlington Avenue.

Bench Mark Description:

Point ID: **G2-E2**
1929 Elevation: **779.118** 1988 Elevation: **781.552**
Date Levelled: 0 Date Levelled: 0
Reference: FB837/58 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point
Description:
1-1/4" Iron Pipe in a capped well monument at the intersection of Arlington Avenue and Tyler Street. (See FB 996/14 and LL 23/108 for transfer)
Recovered and verified by City Field Crew 2/27 NOTE: Use Transfer BM G3-U2

Bench Mark Description:

Point ID: **G2-F2**
1929 Elevation: **780.144** 1988 Elevation: **782.583**
Date Levelled: 0 Date Levelled: 0
Reference: FB739/60 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point
Description:
P.K. Nail and tag in the center of the northwest curb return of Tyler Street Campbell Avenue.

Bench Mark Description:

Point ID: **G2-G3**
1929 Elevation: **774.911** 1988 Elevation: **777.349**
Date Levelled: 0 Date Levelled: 0
Reference: Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point
Description:
P.K. Nail and City Engineer Tag in the southerly curb of Campbell Avenue 50 feet westerly of the centerline of Jones Avenue.

Bench Mark Description:

Point ID: **G2-H3**
1929 Elevation: **790.806** 1988 Elevation: **793.244**
Date Levelled: 0 Date Levelled: 0
Reference: Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point
Description:
Railroad Spike in power pole number 609138-H at the northeast corner of Chadbourne Avenue and Campbell Avenue.

Bench Mark Description:

Point ID: **G2-I3**

1929 Elevation: **771.650** 1988 Elevation: **774.087**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

Railroad Spike in a power pole, no number, at the northwest corner of Campbell Avenue and Norwood Avenue

Bench Mark Description:

Point ID: **G2-J3**

1929 Elevation: **759.913** 1988 Elevation: **762.350**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

Railroad Spike in power pole number 28783-J at the northeast corner of Campbell Avenue and Stover Avenue.

Bench Mark Description:

Point ID: **G2-K3**

1929 Elevation: **752.139** 1988 Elevation: **754.576**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the northwest curb return of Campbell Avenue and Mitchell Avenue.

Bench Mark Description:

Point ID: **G2-L3**

1929 Elevation: **768.495** 1988 Elevation: **770.936**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

Railroad Spike in power pole number 694695-H at the westerly corner of Tyler Street and Gramercy Place.

Found in good condition: May 1997.

Bench Mark Description:

Point ID: **G2-M3**

1929 Elevation: **779.743** 1988 Elevation: **782.178**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer tag in the top of the easterly curb of La Sierra Avenue, approximately 40 northerly of the centerline of Palm Terrace Lane.

Bench Mark Description:

Point ID: **G2-N3**

1929 Elevation: **770.246** 1988 Elevation: **772.686**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point **Point Destroyed**

Description:

P.K. Nail and City Engineer Tag in the westerly curb of Tyler Street, approximately 30 feet southerly of the centerline of Keller Avenue. Reported Destroyed by Construction by City Survey Crew - 2005, LL46/50

Bench Mark Description:

Point ID: **G2-O3**

1929 Elevation: **792.980** 1988 Elevation: **795.418**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

Railroad Spike in Power Pole No. 30525-J at the westerly corner of Tyler Street and Sinclair Avenue.

Bench Mark Description:

Point ID: **G2-P3**

1929 Elevation: **788.836** 1988 Elevation: **791.272**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

Railroad Spike in the base of Power Pole Number 28184-J at the northeast corner of Tyler Street and Cypress Avenue.

Bench Mark Description:

Point ID: **G2-Q3**
1929 Elevation: **778.741** 1988 Elevation: **781.176**
Date Levelled: 0 Date Levelled: 0
Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point
Description:
P.K. Nail and City Engineer Tag in the center of the northeast curb return at Tyler Street and Gould Street.

Bench Mark Description:

Point ID: **G2-R3**
1929 Elevation: **837.988** 1988 Elevation: **840.419**
Date Levelled: 0 Date Levelled: 0
Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point
Description:
P.K., Nail in the northwest curb return of Arlington Avenue and Western Avenue

Bench Mark Description:

Point ID: **G2-S3**
1929 Elevation: **829.037** 1988 Elevation: **831.468**
Date Levelled: 0 Date Levelled: 0
Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point
Description:
P.K. Nail in the northwest curb return of Arlington Avenue and Valley Drive

Bench Mark Description:

Point ID: **G2-T3**
1929 Elevation: **812.930** 1988 Elevation: **815.362**
Date Levelled: 0 Date Levelled: 0
Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point
Description:
P.K. Nail in the northwest curb return of Arlington Avenue and Sandy Lane.

Bench Mark Description:

Point ID: **G2-U3**
1929 Elevation: **800.236** 1988 Elevation: **802.669**
Date Levelled: 0 Date Levelled: 0
Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point
Description:
P.K. Nail in the northwest curb return of Arlington Avenue and Stover Avenue.

Bench Mark Description:

Point ID: **G2-V3**
1929 Elevation: **812.558** 1988 Elevation: **814.991**
Date Levelled: 0 Date Levelled: 0
Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point
Description:
P.K., Nail in the northeast curb return of Arlington Avenue and Norwood Avenue.

Bench Mark Description:

Point ID: **G2-W3**
1929 Elevation: **815.252** 1988 Elevation: **817.685**
Date Levelled: 0 Date Levelled: 0
Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point
Description:
P.K. Nail in the northwest curb return of Arlington Avenue and Chadbourne Avenue

Bench Mark Description:

Point ID: **G2-X3**
1929 Elevation: **792.825** 1988 Elevation: **795.258**
Date Levelled: 0 Date Levelled: 0
Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point
Description:
P.K. Nail in the northeast curb return of Arlington Avenue and Jones Avenue.

Bench Mark Description:

Point ID: **G2-Y3**

1929 Elevation: **829.205** 1988 Elevation: **831.637**

Date Leveled: 0 Date Leveled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of the easterly curb of La Sierra Avenue, approximately 150 feet northerly of the centerline of Francisco Place.

Bench Mark Description:

Point ID: **G2-Z2**

1929 Elevation: **781.486** 1988 Elevation: **783.920**

Date Leveled: 1976 Date Leveled: 0

Reference: FB996/14 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Top of the southeast signal base bolt at the northwest corner of the intersection of Tyler Street and Arlington Avenue. (Transfer from G2-E2)
Reported Destroyed by City Field Crew 2/97

Bench Mark Description:

Point ID: **G3-A2**

1929 Elevation: **742.228** 1988 Elevation: **744.672**

Date Levelled: 0 Date Levelled: 0

Reference: FB735/11 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped " G3-A " in a well monument at the intersection of Van Buren Blvd. and Colorado Avenue.

Bench Mark Description:

Point ID: **G3-B2**

1929 Elevation: **742.211** 1988 Elevation: **744.655**

Date Levelled: 0 Date Levelled: 0

Reference: FB1038/1 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Chis " X " on the southwest bolt of a traffic signal standard at the northeast corner of Van Buren Blvd. and Wells Avenue. This point is a benchmark transfer from BM G3-A2 Note: Formerly "G3-A RESET"

Bench Mark Description:

Point ID: **G3-C2**

1929 Elevation: **733.651** 1988 Elevation: **736.088**

Date Levelled: 1985 Date Levelled: 0

Reference: LL14/25A Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail in the northerly curb of Arlington Avenue approximately 105 feet westerly of the centerline of Copper Lantern. (TRANSFER FROM G3-D)
Recovered and verified by City Field Crew as part of the JoJo/Penny Project 2/97

Bench Mark Description:

Point ID: **G3-D2**

1929 Elevation: **733.313** 1988 Elevation: **735.750**

Date Levelled: 0 Date Levelled: 0

Reference: Fb735/59 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped " G3-D " in a well monument at the angle point in Arlington Avenue approximately 500 feet easterly of Lake Street.
Reported Paved over by City Field Crew. Use transfer: G3-C2.

Bench Mark Description:

Point ID: **G3-E2**

1929 Elevation: **746.244** 1988 Elevation: **748.680**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

P.K. Nail in the northeast curb return at Arlington Avenue and Rutland Avenue

NOTE: This point may have settled. Use with caution.

Reported Destroyed by City Field Crew 2/97

Bench Mark Description:

Point ID: **G3-F2**

1929 Elevation: **736.332** 1988 Elevation: **738.771**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk in a monument well at the intersection of Arlington Avenue and Van Buren Blvd.

Bench Mark Description:

Point ID: **G3-G2**

1929 Elevation: **778.790** 1988 Elevation: **781.232**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

P.K. Nail and tag 1 foot easterly of the E.C.R. of the easterly curb return of Wells Avenue and Crest Avenue

Bench Mark Description:

Point ID: **G3-H2**

1929 Elevation: **738.692** 1988 Elevation: **741.134**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail in the northeast curb return of Wells Avenue and Challen Avenue.

Bench Mark Description:

Point ID: **G3-I3**

1929 Elevation: **740.007** 1988 Elevation: **742.449**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the concrete base of a street light at the back of the easterly curb of Jackson Street, approximately 600 feet northwest of Audrey Avenue. In the vicinity of 4801 Jackson Street.

Bench Mark Description:

Point ID: **G3-J3**

1929 Elevation: **736.671** 1988 Elevation: **739.111**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point **Point Destroyed**

Description:

P.K. Nail and City Engineer Tag in the concrete base of a traffic signal standard at the northeast corner of Jackson Street and Van Buren Blvd. Reported Destroyed by City Field Crew 2/97. See G3-03 for replacement.

Bench Mark Description:

Point ID: **G3-K3**

1929 Elevation: **739.275** 1988 Elevation: **741.705**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail in the east curb of Van Buren Blvd. 0.5 feet southerly of the south-east curb return of a driveway to a shopping center at the intersection of Van Buren Blvd. and Philbin Avenue

Bench Mark Description:

Point ID: **G3-L3**

1929 Elevation: **736.350** 1988 Elevation: **738.791**

Date Levelled: 1997 Date Levelled: 0

Reference: LL43/99 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the T.C. near the M.O.C. of the southwest curb return of the easterly intersection Philbin Avenue and Corwin Lane. Set and adjusted as part of the Bryant Park Project.

Bench Mark Description:

Point ID: **G3-M3**

1929 Elevation: **736.685** 1988 Elevation: **739.126**

Date Levelled: 1997 Date Levelled: 0

Reference: LL43/99 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the T.C. at the E.C.R. of the southeast curb return of Philbin Avenue and Picker Street.

Set and adjusted as part of the Bryant Park Project.

Bench Mark Description:

Point ID: **G3-N3**

1929 Elevation: **735.503** 1988 Elevation: **737.942**

Date Levelled: 1997 Date Levelled: 0

Reference: LL43/99 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the northwest corner of a catch basin along the northerly curb of Cypress Avenue at the northwest curb return of Cypress Avenue and Wohlsetter Street.

Set and Adjusted as part of the Bryant Park Project

Bench Mark Description:

Point ID: **G3-O3**

1929 Elevation: **736.648** 1988 Elevation: **739.088**

Date Levelled: 1997 Date Levelled: 0

Reference: LL43/99 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of curb near the M.O.C. of the northwest curb return at Van Buren Blvd. and Cypress Avenue.

Set and adjusted as part of the Bryant Park Project.

Bench Mark Description:

Point ID: **G3-P2**

1929 Elevation: **736.604** 1988 Elevation: **739.043**

Date Levelled: 1983 Date Levelled: 0

Reference: LL12/ Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of a traffic signal at the southwest corner of Van Buren Blvd. and Arlington Avenue. B.M. Transfer from G3-F2

Bench Mark Description:

Point ID: **G3-Q3**

1929 Elevation: **742.763** 1988 Elevation: **745.192**

Date Levelled: 1977 Date Levelled: 0

Reference: FB1000/69 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in a street light base on the westerly curb of Crest Avenue and 80 southerly of the centerline of Jurupa Avenue.

Adjusted and Entered: May 1997

Bench Mark Description:

Point ID: **G3-R3**

1929 Elevation: **736.618** 1988 Elevation: **739.049**

Date Levelled: 1977 Date Levelled: 0

Reference: FB1004/69 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of street light along the westerly curb of Farrier Avenue, 125 feet northerly of the centerline of Altadena Drive

Adjusted and Entered: May 1997

Bench Mark Description:

Point ID: **G3-S3**

1929 Elevation: **746.907** 1988 Elevation: **749.343**

Date Levelled: 1997 Date Levelled: 0

Reference: LL43/90 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in a catch basin wing at the B.C.R. of the southwesterly curb return of Arlington Avenue and Rutland Avenue.

Set and Adjusted as part of the Jojo/Penny Project.

Bench Mark Description:

Point ID: **G3-T3**

1929 Elevation: **760.187** 1988 Elevation: **762.622**

Date Levelled: 1997 Date Levelled: 0

Reference: LL43/90 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the southeast corner of a traffic signal base at the northwesterly corner of Arlington Avenue and Crest Avenue.

Found Pt. Adjusted as part of the JoJo/Penny Project

Bench Mark Description:

Point ID: **G3-U2**
1929 Elevation: **780.958** 1988 Elevation: **783.392**
Date Levelled: 1997 Date Levelled: 0
Reference: LL43/90 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point

Description:

P.K. Nail and City Engineer Tag in a catch basin wing at the E.C.R. of the northwesterly curb return of Arlington Avenue and Tyler Street. Set and Adjusted as part of the JoJo/Penny Project.

Bench Mark Description:

Point ID: **G3-V3**
1929 Elevation: **732.818** 1988 Elevation: **735.283**
Date Levelled: 1997 Date Levelled: 0
Reference: LL43/90 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail in the northerly curb of Arlington Avenue approximately 9 feet easterly of the centerline of Harold Street produced. Set and adjusted as part of the JoJo/Penny Project.

Bench Mark Description:

Point ID: **G3-W3**
1929 Elevation: **735.434** 1988 Elevation: **737.871**
Date Levelled: 1997 Date Levelled: 0
Reference: LL43/90 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the northeasterly corner of a catch basin along the northerly curb of Arlington Avenue, 110 feet +/- westerly of the centerline of Lake Street. Set and Adjusted as part of the JoJo/Penny Project.

Bench Mark Description:

Point ID: **G3-X3**
1929 Elevation: **737.375** 1988 Elevation: **739.812**
Date Levelled: 1997 Date Levelled: 0
Reference: LL43/90 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of a catch basin wing at the E.C.R. of the northwesterly curb return of of Arlington Avenue and Ben Lomond Way. Set and Adjusted as part of the JoJo/Penny Project

Bench Mark Description:

Point ID: **G3-Y3**

1929 Elevation: **859.915** 1988 Elevation: **862.346**

Date Leveled: 2001 Date Leveled: 0

Reference: LL46/114A Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag set in the base of a concrete light pole along the easterly curb of La Sierra Avenue approximately 200 feet southerly of Arlington Avenue

Bench Mark Description:

Point ID: **G4-A2**

1929 Elevation: **749.836** 1988 Elevation: **752.276**

Date Levelled: 0 Date Levelled: 0

Reference: LL12/ Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and City Engineer Tag in the concrete base of a signal standard at the northwest corner of Arlington Avenue and Airport Drive.

Recovered in good condition by City Survey Crew - 9/97

Bench Mark Description:

Point ID: **G4-B2**

1929 Elevation: **754.925** 1988 Elevation: **757.372**

Date Levelled: 0 Date Levelled: 0

Reference: FB735/44 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped " G4-B " in a monument well on the centerline of Monroe Street 10 feet northerly of the centerline of California Avenue.

Bench Mark Description:

Point ID: **G4-C2**

1929 Elevation: **750.075** 1988 Elevation: **752.518**

Date Levelled: 0 Date Levelled: 0

Reference: FB839/35 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail in the westerly curb return of Monroe Street and Colorado Avenue

Bench Mark Description:

Point ID: **G4-D2**

1929 Elevation: **751.368** 1988 Elevation: **753.808**

Date Levelled: 0 Date Levelled: 0

Reference: FB839/40 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Point Destroyed

Description:

P.K. Nail in the nose of the island of Airport Drive at Arlington Avenue and Airport Drive.

Bench Mark Description:

Point ID: **G4-E2**

1929 Elevation: **781.006** 1988 Elevation: **783.449**

Date Levelled: 0 Date Levelled: 0

Reference: FB839/39 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

P.K. Nail and Tag in the center of the southwest curb return of Arlington Avenue and Adams Street.

Reported Destroyed by City Survey Crew - 12/97

Bench Mark Description:

Point ID: **G4-F3**

1929 Elevation: **753.174** 1988 Elevation: **755.621**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K., Nail and City Engineer Tag in the westerly curb return of California Avenue and Lido Drive.

Bench Mark Description:

Point ID: **G4-G3**

1929 Elevation: **758.567** 1988 Elevation: **761.014**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point **Point Destroyed**

Description:

P.K. Nail and City Enginee Tag in the top of a catch basin 2 feet southwest of the southwest curb return at California Avenue and Rucker Lane.

Bench Mark Description:

Point ID: **G4-H3**

1929 Elevation: **764.217** 1988 Elevation: **766.664**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the concrete base of a pedestrain signal at the northerly corner of Adams Street and California Avenue.

Bench Mark Description:

Point ID: **G4-I3**

1929 Elevation: **767.318** 1988 Elevation: **769.765**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag on the concrete base of a street light at the southerly corner of California Avenue and Canterbury Road.

Bench Mark Description:

Point ID: **G4-J3**

1929 Elevation: **749.591** 1988 Elevation: **752.035**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the southerly curb of Colorado Avenue at the B.C.R. of the southerly curb return of Jackson Street and Colorado Avenue

Bench Mark Description:

Point ID: **G4-K3**

1929 Elevation: **745.785** 1988 Elevation: **748.229**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the concrete base of a street light at the most northerly corner of Colorado Avenue and Dundee Road.

Bench Mark Description:

Point ID: **G4-L3**

1929 Elevation: **748.724** 1988 Elevation: **751.170**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of the easterly curb of Jackson Street, 2 feet southeasterly of the B.C.R. of the easterly curb return of Jackson Street and Delano Avenue.

Bench Mark Description:

Point ID: **G4-M3**

1929 Elevation: **760.163** 1988 Elevation: **762.612**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the most westerly curb return of Monroe Street and Garfield Street.

Bench Mark Description:

Point ID: **G4-N3**

1929 Elevation: **742.847** 1988 Elevation: **745.287**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of the northerly curb of Arlington Avenue near the E.C.R. of the westerly curb return of the most easterly driveway to Airport Park, approximately 1300 feet easterly of Van Buren Blvd.

Bench Mark Description:

Point ID: **G4-O3**

1929 Elevation: **774.065** 1988 Elevation: **776.507**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

Railroad Spike in powerpole number 26544-J on the north side of Arlington Avenue approximately 177 feet west of Weaver Street. Spike is 1.5 feet above existing ground.

Recovered in good condition by City Survey Crew - 12/97 (Elev checks)

Bench Mark Description:

Point ID: **G4-P3**

1929 Elevation: **779.410** 1988 Elevation: **781.859**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag at the E.C.R. of the most southerly curb return of Adams Street and Garfield Street.

Bench Mark Description:

Point ID: **G4-Q3**

1929 Elevation: **762.712** 1988 Elevation: **765.156**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag at the E.C.R. of the most northerly curb return of Adams Street and Camelia Drive.

Recovered in good condition by City Survey Crew 12/97

Bench Mark Description:

Point ID: **G4-R3**

1929 Elevation: **758.229** 1988 Elevation: **760.676**

Date Levelled: 1988 Date Levelled: 0

Reference: LL24/93 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the concrete base of a Metropolitan Water Department air vent at the northerly corner of California Avenue and Shelby Drive. (Formerly G4-G RESET)

Bench Mark Description:

Point ID: **G4-S2**

1929 Elevation: **755.337** 1988 Elevation: **757.784**

Date Levelled: 1983 Date Levelled: 0

Reference: LL12/ Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and City Engineer Tag in the concrete base of the traffic signal pole at the easterly corner of California Avenue and Monroe Street.

Bench Mark Description:

Point ID: **G4-T3**

1929 Elevation: **789.705** 1988 Elevation: **792.147**

Date Levelled: 1997 Date Levelled: 0

Reference: LL44/111 Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in a street light base along the southerly curb of Arlington Avenue, 55 feet easterly of Neil Street.

Bench Mark Description:

Point ID: **G4-U3**

1929 Elevation: **781.199** 1988 Elevation: **783.641**

Date Levelled: 1997 Date Levelled: 0

Reference: LL44/111 Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer tag in the top of Catch Basin at the northwesterly curb return of Arlington Avenue and Adams Street. (Church Entrance)

Bench Mark Description:

Point ID: **G4-V3**

1929 Elevation: **770.412** 1988 Elevation: **772.855**

Date Levelled: 1997 Date Levelled: 0

Reference: LL44/111 Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in a traffic signal base at the northwesterly curb return of Arlington Avenue and Hillside Avenue.

Bench Mark Description:

Point ID: **G4-X3**

1929 Elevation: **767.418** 1988 Elevation: **769.862**

Date Levelled: 1997 Date Levelled: 0

Reference: LL44/111 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in a concrete street light base at the north-easterly corner of Arlington Avenue and Malibu Drive.

Bench Mark Description:

Point ID: **G4-Y3**

1929 Elevation: **768.188** 1988 Elevation: **770.632**

Date Levelled: 1997 Date Levelled: 0

Reference: LL44/111 Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail in lead on the southerly curb return of Arlington Avenue and Jefferson Street.

Bench Mark Description:

Point ID: **G4-Z3**

1929 Elevation: **769.102** 1988 Elevation: **771.544**

Date Leveled: 1997 Date Leveled: 0

Reference: LL44/82 Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of street light along the southerly curb of Arlington Avenue, 325 feet easterly of Murray Street, and 50 feet easterly of a driveway E.C.R.

Bench Mark Description:

Point ID: **G5-A2**

1929 Elevation: **797.890** 1988 Elevation: **800.341**

Date Levelled: 0 Date Levelled: 0

Reference: FB735/16 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped " G5-A " in a monument well at the intersection of Adams Street and Magnolia Avenue.

Bench Mark Description:

Point ID: **G5-C2**

1929 Elevation: **796.690** 1988 Elevation: **799.137**

Date Levelled: 0 Date Levelled: 0

Reference: FB735/29 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Concrete Monument with Wire down 14 inches in a monument well at the intersection of Arlington Avenue and Palomar Way.

Bench Mark Description:

Point ID: **G5-D2**

1929 Elevation: **833.147** 1988 Elevation: **835.596**

Date Levelled: 0 Date Levelled: 0

Reference: FB735/30 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped " G5-D " in a monument well at the intersection of Arlington Avenue and Palm Street.

Bench Mark Description:

Point ID: **G5-E2**

1929 Elevation: **767.860** 1988 Elevation: **770.305**

Date Levelled: 0 Date Levelled: 0

Reference: FB735/41 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped " G5-E " in a monument well on the centerline of Jefferson Street 10 feet southeasterly of Arlington Avenue.

Bench Mark Description:

Point ID: **G5-F2**

1929 Elevation: **792.336** 1988 Elevation: **794.786**

Date Levelled: 0 Date Levelled: 0

Reference: FB739/71 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and Tag 3 feet northwesterly of the E.C.R. at the northerly curb return of Magnolia Avenue and Jefferson Street

Bench Mark Description:

Point ID: **G5-G2**

1929 Elevation: **814.399** 1988 Elevation: **816.849**

Date Levelled: 0 Date Levelled: 0

Reference: FB739/72 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

P.K. Nail and Tag in the concrete base of a signal standard at the southerly corner of Magnolia Avenue and Madison Street.

Reported Destroyed: Wayne Ewing 4/27/92

Bench Mark Description:

Point ID: **G5-H3**

1929 Elevation: **855.153** 1988 Elevation: **857.607**

Date Levelled: 0 Date Levelled: 0

Reference: FB838/ Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and Tag in the headwall of the Riverside Water Company Canal on the southwesterly side of Madison Street, southeasterly of Indiana Avenue. See FB 739/75 and FB 838/??

Bench Mark Description:

Point ID: **G5-I2**

1929 Elevation: **781.416** 1988 Elevation: **783.862**

Date Levelled: 0 Date Levelled: 0

Reference: FB984/33 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail in the southerly curb of Arlington Avenue, 45, west of the centerline of California Avenue projected as measured along the southerly curb, 1.5 feet east of a catch basin.

Bench Mark Description:

Point ID: **G5-J3**

1929 Elevation: **772.102** 1988 Elevation: **774.548**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the concrete base of a street light at the easterly corner of California Avenue and Jefferson Street.

CADME does not show street light, check at traffic signal.

Recovered in good condition by City Survey Crew - 12/97

Bench Mark Description:

Point ID: **G5-K3**

1929 Elevation: **778.803** 1988 Elevation: **781.251**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the center of the most easterly curb return of Jefferson Street and Sycamore Avenue.

Bench Mark Description:

Point ID: **G5-L2**

1929 Elevation: **845.155** 1988 Elevation: **847.605**

Date Levelled: 1988 Date Levelled: 0

Reference: LL24/66 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and City Engineer Tag in the southerly wing of a catch basin on the west side of Brockton Avenue, 79 feet southerly of Alrington Avenue.

(BM Transfer from NAVAL)

Bench Mark Description:

Point ID: **G6-B2**

1929 Elevation: **944.502** 1988 Elevation: **946.960**

Date Levelled: 1971 Date Levelled: 0

Reference: FB735/5 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk in monument well at the intersection of Victoria Avenue and Mary Street

Bench Mark Description:

Point ID: **G6-E3**

1929 Elevation: **858.758** 1988 Elevation: **861.209**

Date Levelled: 0 Date Levelled: 0

Reference: FB739/76 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and tag in the top of the northerly curb of Alrington Avenue, 1.5 feet westerly of the west curb of the north bound on ramp to the Riverside Freeway

Bench Mark Description:

Point ID: **G6-F2**

1929 Elevation: **974.744** 1988 Elevation: **977.202**

Date Levelled: 1971 Date Levelled: 0

Reference: FB838/57 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and tag in the culvert headwall at the westerly corner of Maude Street and Victoria Avenue.

Bench Mark Description:

Point ID: **G6-G2**

1929 Elevation: **960.565** 1988 Elevation: **963.021**

Date Levelled: 1971 Date Levelled: 0

Reference: FB838/60 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and Tag in the culvert headwall at the westerly corner of Anna Street and Victoria Avenue

Bench Mark Description:

Point ID: **G6-H2**

1929 Elevation: **889.160** 1988 Elevation: **891.610**

Date Levelled: 1971 Date Levelled: 0

Reference: FB839/38 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and tag in the top of a retaining wall on the south side of Arlington Avenue, 75 feet west of Horace Street

Bench Mark Description:

Point ID: **G6-I3**

1929 Elevation: **902.440** 1988 Elevation: **904.894**

Date Levelled: 0 Date Levelled: 0

Reference: FB846/6-7 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and Tag in the easterly curb return of Mary Street and Marguerita Avenue

Bench Mark Description:

Point ID: **G6-J2**

1929 Elevation: **912.466** 1988 Elevation: **914.923**

Date Levelled: 1971 Date Levelled: 0

Reference: FB847/1 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and Tag in the westerly curb return of Washington Street and Lincoln Avenue.

Bench Mark Description:

Point ID: **G6-L3**

1929 Elevation: **860.734** 1988 Elevation: **863.185**

Date Levelled: 1995 Date Levelled: 0

Reference: LL41/92 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the southerly curb of Arlington Avenue perpendicular to the centerline intersection of Arlington Avenue and Indiana Avenue

Bench Mark Description:

Point ID: **G6-M3**

1929 Elevation: **851.147** 1988 Elevation: **853.597**

Date Levelled: 1995 Date Levelled: 0

Reference: LL41/92 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the southerly curb of Arlington Avenue at the approximate centerline prod of Mt. Diablo

Bench Mark Description:

Point ID: **G6-N3**

1929 Elevation: **825.580** 1988 Elevation: **828.028**

Date Levelled: 1996 Date Levelled: 0

Reference: LL42/8 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the northerly curb of San Simeon Way, 1 foot westerly of the E.C.R. at the northwest curb return of De Anza Avenue and San Simeon Way

Bench Mark Description:

Point ID: **G6-O3**

1929 Elevation: **830.950** 1988 Elevation: **833.397**

Date Levelled: 1996 Date Levelled: 0

Reference: LL42/8 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the easterly curb of De Anza Avenue, 1 foot northerly of the E.C.R. at the northeast curb return of Central Avenue and De Anza Avenue.

Bench Mark Description:

Point ID: **G6-P3**

1929 Elevation: **845.459** 1988 Elevation: **847.905**

Date Levelled: 1996 Date Levelled: 0

Reference: LL41/107 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

Chisled Square in the southwest corner of a concrete catchbasin cover on the southerly side of Tipperary Way, 65 feet easterly of the centerline of Riverside Avenue.

Bench Mark Description:

Point ID: **G7-A2**

1929 Elevation: **967.071** 1988 Elevation: **969.526**

Date Leveled: 1971 Date Leveled: 0

Reference: FB839/34 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and tag in the center of the southwest curb return at Arlington Avenue and Victoria Avenue

Bench Mark Description:

Point ID: **G7-B2**

1929 Elevation: **1017.293** 1988 Elevation: **1019.749**

Date Leveled: 1971 Date Leveled: 0

Reference: FB839/37 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and tag in the southwesterly curb return of Arlington Avenue and Hawarden Drive

Bench Mark Description:

Point ID: **G7-C2**

1929 Elevation: **1136.542** 1988 Elevation: **1139**

Date Leveled: 1971 Date Leveled: 0

Reference: FB846/8 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail in the southeasterly curb return of Alessandro Blvd. and Chicago Avenue

Bench Mark Description:

Point ID: **G7-D2**

1929 Elevation: **1089.845** 1988 Elevation: **1092.302**

Date Leveled: 1971 Date Leveled: 0

Reference: FB846/15 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail in the base of a street light pole in the median of County Club Drive at Chicago Avenue

Bench Mark Description:

Point ID: **G7-E2**

1929 Elevation: **969.928** 1988 Elevation: **972.383**

Date Leveled: 1976 Date Leveled: 0

Reference: FB994/36 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and City Engineer Tag in the easterly wing of a catch basin on the southerly curb of Arlington Avenue, 55 feet easterly of the centerline of Victoria Avenue. (B.M. Transfer from G7-A2)

Bench Mark Description:

Point ID: **G7-F3**

1929 Elevation: **1135.110** 1988 Elevation: **1137.570**

Date Leveled: 1985 Date Leveled: 0

Reference: LL15/107-A Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

Top edge of the most southerly corner of a large concrete vault (approx. 10 feet X 14 feet) at the northwesterly corner of Arlington Avenue and Alessandro Blvd.

Bench Mark Description:

Point ID: **G8-A3**

1929 Elevation: **1068.074** 1988 Elevation: **1070.521**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of a street light pole in the median of Country Club Drive 60 feet west of the centerline of Canyon Crest Drive. 1996 Re-Adjusted as part of the Central Avenue Trunk Sewer.

Bench Mark Description:

Point ID: **G8-B3**

1929 Elevation: **1036.570** 1988 Elevation: **1039**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of a street light pole at the back of the west curb of Canyon Crest Drive, 48 feet northerly of Via Cartago. 1996 Re-Adjusted as a part of the Central Avenue Trunk Sewer Levels

Bench Mark Description:

Point ID: **G8-C3**

1929 Elevation: **1117.550** 1988 Elevation: **1119.999**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the nose of the median island of Country Club Drive on the easterly side of Shaker Drive 1996: Re-Adjusted as part of the Central Avenue Trunk Sewer Levels

Bench Mark Description:

Point ID: **G8-D3**

1929 Elevation: **1099.701** 1988 Elevation: **1102.151**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of the second street light pole in median of Country Club Drive easterly of Via Maria Buena 1996 Re-Adjusted as part of the Central Avenue Trunk Sewer Levels

Bench Mark Description:

Point ID: **G8-E3**

1929 Elevation: **1107.474** 1988 Elevation: **1109.920**

Date Leveled: 0 Date Leveled: 0

Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of a street light pole in the median of County Club Drive 33 feet westerly of Via Sotelo

1996: Readjusted as part of the Central Avenue Trunk Sewer Levels

Bench Mark Description:

Point ID: **G9-A3**
1929 Elevation: **829.937** 1988 Elevation: **832.368**
Date Levelled: 1985 Date Levelled: 0
Reference: LL12/ Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the easterly curb of Stover Avenue, 150 feet northerly of the B.C. of the roadway, 84 feet northerly of a combination power pole and street light # 32062J. Adjusted and input May 20, 1997.

Bench Mark Description:

Point ID: **G9-B3**
1929 Elevation: **853.241** 1988 Elevation: **855.672**
Date Levelled: 1985 Date Levelled: 0
Reference: LL12/ Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

Railroad Spike in a combination Steeet Light and Power Pole # 31801J at the easterly corner of Stover Avenue and Chadbourne Avenue. Adjusted and input, May, 1997.

Bench Mark Description:

Point ID: **G9-C3**
1929 Elevation: **838.187** 1988 Elevation: **840.618**
Date Levelled: 1985 Date Levelled: 0
Reference: LL12/ Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the southerly curb of Stover Avenue, 160 feet westerly of the centerline of Jones Avenue. Adjusted and Input May, 1997

Bench Mark Description:

Point ID: **G9-D3**
1929 Elevation: **821.802** 1988 Elevation: **824.233**
Date Levelled: 1985 Date Levelled: 0
Reference: LL12/ Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

Railroad Spike in a combination power pole # 30295J southerly of the centerline of Stover Avenue, and 97 feet southwesterly of Gaylord Avenue. Adjusted and input May, 1997.

Bench Mark Description:

Point ID: **G9-E3**

1929 Elevation: **809.332** 1988 Elevation: **811.762**

Date Levelled: 1985 Date Levelled: 0

Reference: LL12/ Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the M.O.C. of the southerly curb return of Stover Avenue and Eureka Drive. Adjusted and input: May 1997.

Bench Mark Description:

Point ID: **G9-F3**

1929 Elevation: **768.203** 1988 Elevation: **770.633**

Date Levelled: 1985 Date Levelled: 0

Reference: LL12/ Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of street light pole, 6 feet easterly of the southeasterly corner of Tyler Street and Eureka Drive. Adjusted and Entered: May 1997.

Bench Mark Description:

Point ID: **G9-G3**

1929 Elevation: **768.115** 1988 Elevation: **770.544**

Date Levelled: 1985 Date Levelled: 0

Reference: LL12/ Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the easterly curb of Tyler Street, 300 feet northerly of Mandalay Court. Adjusted and Entered: May 1997.

Bench Mark Description:

Point ID: **G9-H3**

1929 Elevation: **753.367** 1988 Elevation: **755.794**

Date Levelled: 1985 Date Levelled: 0

Reference: LL12/ Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag on the T.C. of the southerly curb return at Jurupa Avenue and Tyler Street. Adjusted and Entered: May 1997.

Bench Mark Description:

Point ID: **G9-I3**
1929 Elevation: **752.557** 1988 Elevation: **754.985**
Date Levelled: 1985 Date Levelled: 0
Reference: LL12/ Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of a street light pole at the westerly curb return of Jurupa Avenue and Idylwild Lane.
Adjusted and Entered: May 1997

Bench Mark Description:

Point ID: **G9-J3**
1929 Elevation: **745.247** 1988 Elevation: **747.677**
Date Levelled: 1985 Date Levelled: 0
Reference: LL12/ Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of a street light on the easterly curb of Crest Avenue, 7 feet southerly of the B.C.R. of the southeasterly return of Crest Avenue and Mandalay Court.
Adjusted and Entered: May 1997

Bench Mark Description:

Point ID: **G9-K3**
1929 Elevation: **752.460** 1988 Elevation: **754.892**
Date Levelled: 1985 Date Levelled: 0
Reference: LL12/ Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the northerly catch basin wing along the westerly curb of Crest Avenue, 45 feet southerly of the centerline intersection of Crest Avenue and Hillsborough Lane.
Adjusted and Entered: May 1997

Bench Mark Description:

Point ID: **G9-L3**
1929 Elevation: **745.700** 1988 Elevation: **748.135**
Date Levelled: 1985 Date Levelled: 0
Reference: LL12/ Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in base of a street light at the southwest corner of Rutland Avenue and Bruce Street.
Adjusted and Entered: May 1997

Bench Mark Description:

Point ID: **GPS-51**

1929 Elevation: **813.657** 1988 Elevation: **816.084**

Date Levelled: 1991 Date Levelled: 0

Reference: RBF Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

2 1/2 " Brass Disk stamped " City of Riverside GPS Station 51 1991 CADME" s
set in the top of a Catch Basin along the northerly curb of Columbia Avenue,
4 feet east of the BCR of the northeast of Main Street at Coubia Avenue.

Bench Mark Description:

Point ID: **GPS-53**

1929 Elevation: **794.821** 1988 Elevation: **797.250**

Date Levelled: 1991 Date Levelled: 0

Reference: RBF Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

2 1/2" Brass Disk stamped " City of Riverside GPS Station No 53 1991 CADME"
set in the sidewalk, 1 foot south of the south curb of Mission Blvd. bridge at
the west end of the bridge crossing the Santa Ana River.

Bench Mark Description:

Point ID: **GPS-54**

1929 Elevation: **841.125** 1988 Elevation: **843.564**

Date Levelled: 1991 Date Levelled: 0

Reference: RBF Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

U.S. Coast and Geodetic Survey brass disk stamped " NEWMAN 1929 " in
the sidewalk 6 feet back of the northerly curb of Fourteenth Street, 125 feet
west of the centerline of Main Street.

Bench Mark Description:

Point ID: **GPS-57**

1929 Elevation: **952.990** 1988 Elevation: **955.439**

Date Levelled: 1991 Date Levelled: 0

Reference: RBF Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

City of Riverside Brass Cap stamped H7-E in a well monument at the
centerline intersection of Kansas Avenue and Prince Albert Drive. Monument
is 0.75 feet below A.C. surface.
Levelled by RBF as part of CADME GPS control.
Entered and Adjusted : June 1997

Bench Mark Description:

Point ID: **GPS-58**

1929 Elevation: **826.779** 1988 Elevation: **829.225**

Date Levelled: 1998 Date Levelled: 0

Reference: LL45/71 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

2 1/2" Brass Disk stamped " City of Riverside GPS Station # 58 - 1991" set in the sidewalk 1' northerly of the northerly curb of Central Avenue; 60 feet easterly of the BCR of the northeasterly curb return of Magnolia Avenue and Central Avenue.

(Misc. Levels: RBF and City Survey combined)

Bench Mark Description:

Point ID: **GPS-64**

1929 Elevation: **876.681** 1988 Elevation: **879.139**

Date Levelled: 1991 Date Levelled: 0

Reference: RBF Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

2 1/2" Brass Disk stamped " City of Riverside GPS Station No. 64 - 1991 CADME" set in the top of a catch basin along the easterly curb of Adams Street at the southeasterly corner of Adams Street and Lincoln Avenue.

Bench Mark Description:

Point ID: **GPS-65**

1929 Elevation: **1299.467** 1988 Elevation: **1301.931**

Date Levelled: 1991 Date Levelled: 0

Reference: RBF Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

Nail in concrete, in a well monument, well is down 26" inches, monument is down 34 inches, in the centerline of Alessandro Blvd, 264.28 feet southerly of El Portal.

(Levelled by RBF as part of GPS project; adjusted by City using RBF, City, and LDC levels in 1998)

Bench Mark Description:

Point ID: **GPS-66**

1929 Elevation: **1594.281** 1988 Elevation: **1596.754**

Date Levelled: 1991 Date Levelled: 0

Reference: RBF Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

2 1/2" Brass Disk stamped " City of Riverside GPS Station 66 1991 CADME" set in the top of a catch basin along the northerly side of Canyon Spings Pkwy 0.3 miles west of Day Street.

Bench Mark Description:

Point ID: **GPS-67**

1929 Elevation: **1757.219** 1988 Elevation: **1759.712**

Date Levelled: 1971 Date Levelled: 0

Reference: RBFNotes Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

1 1/4" Brass Cap in a well monument, 5" Deep in the center of Barton Road, 230 feet southerly of the intersection of Barton and Van Buren Blvd.
(Point was set by RBF as part of the CADME GPS project and leveled by RBF from VB-10. VB-9 nearby was not found by City Survey Crew and is listed as being destroyed.

Bench Mark Description:

Point ID: **GPS-68**

1929 Elevation: **1610.288** 1988 Elevation: **1612.810**

Date Levelled: 1991 Date Levelled: 0

Reference: RBF Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

2 1/2" Brass Disk stamped " City of Riverside GPS Station 68, 1991, CADME" set flush in the top of a catch basin in the west center Island of Alessandro Blvd. at Trautwein Road.

Bench Mark Description:

Point ID: **GPS-69**

1929 Elevation: **1083.685** 1988 Elevation: **1086.155**

Date Levelled: 1998 Date Levelled: 0

Reference: LL45/69 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

G.P.S. Point 69 - A 2 1/2" Brass Disk stamped " City of Riverside GPS Station 69 - 1991" set in the north end of a catch basin 1' east of the east curb of Washington Street and 3' south of the BCR at the southeast curb return of Washington Street and Bradley Street.
(Combined Levels - R.B.F. and City) Misc. Level Work

Bench Mark Description:

Point ID: **GPS-70**

1929 Elevation: **1003.831** 1988 Elevation: **1006.300**

Date Levelled: 1998 Date Levelled: 0

Reference: LL45 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

A 2 1/2" Brass Disk stamped "City of Riverside GPS Station 70 - 1991" set in top of the westerly headwall of the Gage Canal at the Van Buren Blvd crossing. Located 4 feet northwesterly of the P.K. Nail for City Benchmark VB-17-2.
(B.M. Transfer)

Bench Mark Description:

Point ID: **GPS-71**

1929 Elevation: **705.726** 1988 Elevation: **708.181**

Date Leveled: 1991 Date Leveled: 0

Reference: RBF Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

2 1/2 " Brass Disk stamped " City of Riverside GPS Station 71 1991 CADME"
set in the southeast corner of a concrete slab for an electrical vault in the
median island of Magnolia Avenue, 325 feet west of the centerline of
Fillmore Street.

Bench Mark Description:

Point ID: **H3-A2**

1929 Elevation: **743.621** 1988 Elevation: **746.057**

Date Levelled: 1971 Date Levelled: 0

Reference: FB739/39 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and Tag in the nose of the median island at Van Buren Blvd. and Acorn Street (now Morris ?)

Bench Mark Description:

Point ID: **H3-B2**

1929 Elevation: **733.265** 1988 Elevation: **735.696**

Date Levelled: 1971 Date Levelled: 0

Reference: FB739/40 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

P.K. Nail and Tag in a 8" concrete filled metal guard post in the traffic island of Van Buren Blvd. northwest of Jurupa Avenue

Bench Mark Description:

Point ID: **H3-C2**

1929 Elevation: **720.747** 1988 Elevation: **723.172**

Date Levelled: 1971 Date Levelled: 0

Reference: FB739/41 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and Tag in the headwall of the old Pedley Road underpass to the Union Pacific Railroad

Bench Mark Description:

Point ID: **H3-D3**

1929 Elevation: **726.212** 1988 Elevation: **728.643**

Date Levelled: 1992 Date Levelled: 0

Reference: LL32/32 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

Top of the easterly base bolt of a 12" diameter traffic signal pole at the northeasterly curb return of Jurupa Avenue and Van Buren Blvd.

Adjusted and Entered: May 1997

Bench Mark Description:

Point ID: **H3-E3**

1929 Elevation: **693.086** 1988 Elevation: **695.515**

Date Levelled: 1996 Date Levelled: 0

Reference: LL43/62 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

3" M.W.D. Steel Disk stamped "UF 618 1992" in the concrete bridge abutment wall at the southeast end of the south-bound Van Buren Blvd. bridge over the Santa Ana River.

Adjusted and Entered: May 1997.

Bench Mark Description:

Point ID: **H3-F3**

1929 Elevation: **741.229** 1988 Elevation: **743.710**

Date Levelled: 1998 Date Levelled: 0

Reference: FB982/53 Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

Lead and Tack in the top of curb of the median nose of Van Buren Blvd. south-easterly of the intersection of Central Avenue.

Levelled in 1975, tied into network and adjusted as part of the Landfill Borrow Site grading. 1998

Bench Mark Description:

Point ID: **H3-G3**

1929 Elevation: **747.059** 1988 Elevation: **749.493**

Date Levelled: 1997 Date Levelled: 0

Reference: LL39/121 Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

Chiseled Square in the top of curb at the B.C.R. of the northwest corner of Acorn Street and Central Avenue.

Levelled in 1995; Tied into network in 1997 for the Landfill Borrow Site.

Bench Mark Description:

Point ID: **H3-H3**

1929 Elevation: **740.967** 1988 Elevation: **743.403**

Date Levelled: 1999 Date Levelled: 0

Reference: LL46/74 Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the northwest corner of an electric vault at the southwest corner of Van Buren Blvd and Morris Street

B.M. Transfer as part of Signal Installation: Dec 1999

Bench Mark Description:

Point ID: **H4-A2**

1929 Elevation: **788.314** 1988 Elevation: **790.748**

Date Levelled: 1971 Date Levelled: 0

Reference: FB739/48 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and Tag in the base of a street light pole on the north side of Jurupa Avenue, 40 feet westerly of the Rohr Spur railroad crossing.

Bench Mark Description:

Point ID: **H4-B2**

1929 Elevation: **790.235** 1988 Elevation: **792.669**

Date Levelled: 1971 Date Levelled: 0

Reference: FB739/47 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

P.K. Nail and Tag in the northwest curb return of Jurupa Avenue and Fremont Street. (The return between Columbus Street and Fremont Street)

Bench Mark Description:

Point ID: **H4-C3**

1929 Elevation: **790.277** 1988 Elevation: **792.711**

Date Levelled: 1995 Date Levelled: 0

Reference: LL41/94 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of a traffic signal at the northwest curb return of Jurupa Avenue and Fremont Street. (The return between Fremont Street and Columbus Street)

Bench Mark Description:

Point ID: **H4-D3**

1929 Elevation: **812.209** 1988 Elevation: **814.643**

Date Levelled: 1995 Date Levelled: 0

Reference: LL41/94A Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of a street light at the north end of the northwest curb return at Jurupa Avenue and Ordway Street.

Bench Mark Description:

Point ID: **H4-E3**
1929 Elevation: **746.846** 1988 Elevation: **749.278**
Date Levelled: 1997 Date Levelled: 0
Reference: LL45/51A Reference:
Adjustment Year: 1970 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of street light along the southerly curb of Jurupa Avenue, 190 feet easterly of Rickenbacker Avenue.
Levelled as part of the Landfill Borrow Site project.

Bench Mark Description:

Point ID: **H4-F3**
1929 Elevation: **752.606** 1988 Elevation: **755.038**
Date Levelled: 1997 Date Levelled: 0
Reference: LL45/51A Reference:
Adjustment Year: 1970 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of a catch basin along the southerly curb of Jurupa Avenue, 60 feet easterly of Acorn Street.
Levelled as part of the Landfill Borrow Site project.

Bench Mark Description:

Point ID: **H4-G3**
1929 Elevation: **758.910** 1988 Elevation: **761.343**
Date Levelled: 1997 Date Levelled: 0
Reference: LL45/50A Reference:
Adjustment Year: 1970 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of a catch basin along the southerly curb of Jurupa Avenue, 80 feet easterly of Payton Avenue.
Levelled as part of the Landfill Borrow Site Project.

Bench Mark Description:

Point ID: **H4-H3**
1929 Elevation: **773.899** 1988 Elevation: **776.332**
Date Levelled: 1997 Date Levelled: 0
Reference: LL45/50 Reference:
Adjustment Year: 1970 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of a street light along the northerly curb of Jurupa Avenue, 50 westerly of Wilderness Avenue.
Levelled as part of the Landfill Borrow Site project.

Bench Mark Description:

Point ID: **H4-I3**

1929 Elevation: **713.400** 1988 Elevation: **715.830**

Date Leveled: 1998 Date Leveled: 0

Reference: LL45/50A Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the concrete base of a street light pole at the southwest corner of the Sample Station, a brick building located at the southwest corner of the Operations Building/Break Room of the Riverside Sewage Treatment Plant.

Leveled as part of the Landfill Borrow Site project.

Bench Mark Description:

Point ID: **H5-A2**

1929 Elevation: **814.071** 1988 Elevation: **816.508**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk in a monument well at the intersection of Grand Avenue and Bandini Avenue, stamped " H5-A "

Bench Mark Description:

Point ID: **H5-B2**

1929 Elevation: **778.598** 1988 Elevation: **781.040**

Date Levelled: 1988 Date Levelled: 0

Reference: LL23/22C Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of a traffic signal 2 feet southerly of the northeasterly curb return at Streeter Avenue and Central Avenue (B.M. transfer for H5-C2)

Bench Mark Description:

Point ID: **H5-C2**

1929 Elevation: **777.794** 1988 Elevation: **780.236**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped H5-C in a monument well on the centerline of Streeter Avenue, 10 feet southerly of the centerline of Central Avenue.

Bench Mark Description:

Point ID: **H5-D2**

1929 Elevation: **788.688** 1988 Elevation: **791.126**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and Tag in the southwest curb return at Jurupa Avenue and Streeter Avenue (Possibly Destroyed)

Bench Mark Description:

Point ID: **H5-E2**
1929 Elevation: **801.199** 1988 Elevation: **803.637**
Date Levelled: 1971 Date Levelled: 0
Reference: Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point **Point Destroyed**
Description:
P.K. Nail and Tag in the northwest curb return at Grand Avenue and Rubidoux Avenue
Reported Destroyed by City Crew: June 1997. See H5-I3 for replacement.

Bench Mark Description:

Point ID: **H5-F3**
1929 Elevation: **788.643** 1988 Elevation: **791.083**
Date Levelled: 1995 Date Levelled: 0
Reference: LL41/94 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point
Description:
Rialroad Spike in Power Pole # 16917J, ip 1 foot, 37 feet westerly of the centerline of Streeter Avenue, 35 feet northerly of the northerly track of the Union Pacific Railroad

Bench Mark Description:

Point ID: **H5-G3**
1929 Elevation: **787.253** 1988 Elevation: **789.692**
Date Levelled: 1995 Date Levelled: 0
Reference: LL41/94 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point
Description:
P.K. Nail and City Engineer Tag in the southerly corner of a catch basin along the northerly curb of Grand Avenue, 90 feet northeasterly of the intersection of Grand Avenue and Streeter Avenue

Bench Mark Description:

Point ID: **H5-H3**
1929 Elevation: **784.689** 1988 Elevation: **787.128**
Date Levelled: 1995 Date Levelled: 0
Reference: LL41/94 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point
Description:
P.K. Nail and City Engineer Tag in the southeasterly corner of a catch basin in the northerly curb of Jurupa Avenue, 37 feet westerly of Stearns Street.

Bench Mark Description:

Point ID: **H5-I3**

1929 Elevation: **801.352** 1988 Elevation: **803.790**

Date Levelled: 1977 Date Levelled: 0

Reference: LL44/110 Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of the northerly catch basin at the northerly curb return of Grand Avenue and Rubidoux Avenue.

Bench Mark Description:

Point ID: **H5-J3**

1929 Elevation: **806.353** 1988 Elevation: **808.790**

Date Levelled: 1997 Date Levelled: 0

Reference: LL44/110 Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of street light pole at the northeast corner of Grand Avenue and Glorietta Lane.

Bench Mark Description:

Point ID: **H5-K3**

1929 Elevation: **738.833** 1988 Elevation: **741.269**

Date Levelled: 1997 Date Levelled: 0

Reference: LL44/110 Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

Top of a 1-1/4 " Iron Pipe on the centerline of Rubidoux Avenue, 946.12 feet northerly of the P.I. of Rubidoux Avenue, northerly of Grand Avenue.

Bench Mark Description:

Point ID: **H6-A2**

1929 Elevation: **835.459** 1988 Elevation: **837.903**

Date Levelled: 1989 Date Levelled: 0

Reference: LL25/18 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of a traffic signal pole at the northeasterly curb return of Jurupa Avenue and Magnolia Avenue

Bench Mark Description:

Point ID: **H6-B2**

1929 Elevation: **834.784** 1988 Elevation: **837.228**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped "H6-B" in a monument well at the intersection of Jurupa Avenue and Magnolia Avenue

Bench Mark Description:

Point ID: **H6-C2**

1929 Elevation: **846.926** 1988 Elevation: **849.368**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped " H6-C" in a monument well at the intersection of Magnolia Avenue and Bandini Avenue

Bench Mark Description:

Point ID: **H6-D3**

1929 Elevation: **875.844** 1988 Elevation: **878.286**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the center of the northeast curb return of Commerce Street and Cottage Street

Bench Mark Description:

Point ID: **H6-E3**

1929 Elevation: **879.797** 1988 Elevation: **882.240**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the center of the southeast curb return of Commerce Street and Prospect Avenue.

NOTE: PROSPECT STREET IS NOW THE ENTRANCE TO A LARGE MANUFACTURING COMPLEX

Bench Mark Description:

Point ID: **H6-F2**

1929 Elevation: **815.586** 1988 Elevation: **818.025**

Date Levelled: 1971 Date Levelled: 0

Reference: FB735/47 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped "H6-F" in a monument well on the centerline of Palm Avenue, 10 northerly of the centerline of Bandini Avenue

Bench Mark Description:

Point ID: **H6-G2**

1929 Elevation: **825.425** 1988 Elevation: **827.871**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Point Destroyed

Description:

Brasas Disk in concrete in the traffic island bounded by Magnolia Avenue, Central Avenue, and Brockton Avenue.

Reported Destroyed By City Survey Crew 3/98

Bench Mark Description:

Point ID: **H6-H3**

1929 Elevation: **822.844** 1988 Elevation: **825.286**

Date Levelled: 1989 Date Levelled: 0

Reference: LL25/18 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the southerly curb of Brockton Avenue 60 feet easterly of the centerline intersection of Maplewood Place and Brockton Avenue.

Bench Mark Description:

Point ID: **H6-I3**

1929 Elevation: **887.900** 1988 Elevation: **890.344**

Date Leveled: 1996 Date Leveled: 0

Reference: LL42/18A Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the westerly curb of Howard Avenue, 1 foot northerly of the B.C.R. of the northwest curb return at Howard Avenue and Denton Street.

Adjusted and Entered: May 1997

Bench Mark Description:

Point ID: **H6-J3**

1929 Elevation: **901.622** 1988 Elevation: **904.067**

Date Leveled: 1996 Date Leveled: 0

Reference: LL42/18A Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the southerly curb of Cridge Street, 50 feet easterly of the centerline of Grove Avenue.

Bench Mark Description:

Point ID: **H6-K3**

1929 Elevation: **862.622** 1988 Elevation: **865.063**

Date Leveled: 1987 Date Leveled: 0

Reference: LL20/8A Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail in the back of the median island nose, westerly of the centerline intersection of Fourteenth Street and Mulberry Street.

Adjusted and Entered: May 1997 Note: Location indicates Kane Street; while description indicates Fourteenth.

Bench Mark Description:

Point ID: **H7-A2**

1929 Elevation: **909.777** 1988 Elevation: **912.223**

Date Levelled: 1971 Date Levelled: 0

Reference: FB717/70 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped "H7-A" in a monument well at the intersection of Voctoria Avenue and Cridge Street

Bench Mark Description:

Point ID: **H7-C2**

1929 Elevation: **946.578** 1988 Elevation: **949.029**

Date Levelled: 1971 Date Levelled: 0

Reference: FB717/73 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped "H7-C" in a monument well at the intersection of Central Avenue and Victoria Ave.

Bench Mark Description:

Point ID: **H7-D3**

1929 Elevation: **929.257** 1988 Elevation: **931.702**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. nail and City Engineer Tag in the top of curb at the southerly end of the southwest curb return at Kansas Avenue and Twelfth Street.

Bench Mark Description:

Point ID: **H7-F2**

1929 Elevation: **909.655** 1988 Elevation: **912.100**

Date Levelled: 1971 Date Levelled: 0

Reference: FB735/40 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk in a 2 inch iron pipe in a monument well at the intersection of High Street and Pennsylvania Avenue.

Bench Mark Description:

Point ID: **H7-G2**

1929 Elevation: **971.111** 1988 Elevation: **973.559**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and City Engineer Tag in the center of the southwest curb return at the intersection of Chicago Avenue and Pennsylvania Avenue.

NOTE: Point may have settled - see LL 13/58 for details

Bench Mark Description:

Point ID: **H7-H2**

1929 Elevation: **937.218** 1988 Elevation: **939.665**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and City Engineer Tag in the center of the southeast curb return of Kansas Avenue and Pennsylvania Avenue

Bench Mark Description:

Point ID: **H7-I3**

1929 Elevation: **889.435** 1988 Elevation: **891.879**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

Spike and Lead in the top of curb 1.5 feet northeast of the northeast curb return at Park Avenue and Prospect Place

Bench Mark Description:

Point ID: **H7-J3**

1929 Elevation: **949.380** 1988 Elevation: **951.835**

Date Levelled: 0 Date Levelled: 0

Reference: FB864/48 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Point Destroyed

Description:

P.K. Nail in the rock foundation of the old Gage Canal line, 122 feet easterly of Chicago Avenue and 164 feet south of Central Avenue

Bench Mark Description:

Point ID: **H7-K3**

1929 Elevation: **944.734** 1988 Elevation: **947.188**

Date Levelled: 1996 Date Levelled: 0

Reference: LL42/135 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in a traffic signal base northerly of the ECR at the northeast curb return of Chicago Avenue and Central Avenue.

Bench Mark Description:

Point ID: **H7-L3**

1929 Elevation: **1032.259** 1988 Elevation: **1034.715**

Date Levelled: 1996 Date Levelled: 0

Reference: LL42/135 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of street light pole on the northerly curb of Central Avenue at the B.C.R. of the northeast curb return of Central Avenue and Chapala Drive.

Bench Mark Description:

Point ID: **H7-M3**

1929 Elevation: **1074.845** 1988 Elevation: **1077.302**

Date Levelled: 1996 Date Levelled: 0

Reference: LL43/135 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of a catch basin along the southerly curb of the eastbound lanes of Central Avenue approximately 25 feet easterly of the southerly prolongation of Wainwright Ct.

Bench Mark Description:

Point ID: **H7-N3**

1929 Elevation: **1092.001** 1988 Elevation: **1094.459**

Date Levelled: 1996 Date Levelled: 0

Reference: LL42/135 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the northeast corner of a catch basin along the northerly curb of Central Avenue 9 feet easterly of the B.C.R. of the northeast curb return of Central Avenue and El Cerrito Drive.

Bench Mark Description:

Point ID: **H7-O3**
1929 Elevation: **1103.111** 1988 Elevation: **1105.569**
Date Levelled: 1996 Date Levelled: 0
Reference: LL43/135 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the southwest corner of a catch basin along the westerly curb of Canyon Crest Drive 17.5 feet southerly of the ECR of the southwest curb return at Central Avenue and Canyon Crest Drive.

Bench Mark Description:

Point ID: **H7-P3**
1929 Elevation: **911.895** 1988 Elevation: **914.340**
Date Levelled: 1996 Date Levelled: 0
Reference: LL42/14A Reference:
Adjustment Year: 1970 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the southwest corner of a street light base along the northerly curb of Fourteenth Street, 164 feet +/- easterly of Bermuda Avenue.

Set as part of the photo control project for Fourteenth Street - Sedgwick to Kansas

Entered into CADME 5/99

Bench Mark Description:

Point ID: **H7-Q2**
1929 Elevation: **950.014** 1988 Elevation: **952.465**
Date Levelled: 2000 Date Levelled: 0
Reference: LL46/10 Reference:
Adjustment Year: 1970 Adjustment Year: 2009
2nd Order Point

Description:

P.K. Nail and City Engineer Tag in the Easterly Wall of a Catch Basin 0.7 feet back of the curb face along the southerly curb of Central Avenue,

90 feet easterly of the centerline of Victoria Avenue
BM Transfer from H7-C2

Bench Mark Description:

Point ID: **H7-Q3**
1929 Elevation: **955.980** 1988 Elevation: **958.428**
Date Levelled: 1996 Date Levelled: 0
Reference: LL42/15 Reference:
Adjustment Year: 1970 Adjustment Year: 2009
3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the northeast corner of a catchbasin along the northerly curb of Martin Luther King Blvd. at the northeast corner of Ottawa Ave and Martin Luther King Blvd.

Bench Mark Description:

Point ID: **H8-A2**

1929 Elevation: **1039.105** 1988 Elevation: **1041.557**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

P.K. Nail and City Engineer Tag in the center of the northwest curb return at Canyon Crest Drive and Pennsylvania Avenue. Reported Destroyed by City Field Crew .

Bench Mark Description:

Point ID: **H8-B2**

1929 Elevation: **1258.074** 1988 Elevation: **1260.531**

Date Levelled: 1971 Date Levelled: 0

Reference: FB847/15 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and City Engineer Tag in the north curb of the Highway 395 frontage road, now Sycamore Canyon Blvd. , and across the street and west of the entrance to the Riverside County Sheriffs Academy

Bench Mark Description:

Point ID: **H8-C3**

1929 Elevation: **1103.450** 1988 Elevation: **1105.908**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point **Point Destroyed**

Description:

P.K. Nail and City Engineer Tag in the base of a street light pole at the back of the west curb of Canyon Crest Drive and 50 feet southerly of the centerline of Central Avenue (Previous Elevation used : 1103.51)
Reported Destroyed by City Field Crew: See H7-03 for new B.M.

Bench Mark Description:

Point ID: **H8-D3**

1929 Elevation: **1151.101** 1988 Elevation: **1153.499**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the nose of the median curb, about 1550 feet easterly of Canyon Crest Drive and south of the entrance to the La Colina Sub-Station.
1996: Re-Adjusted as part of the Central Avenue Trunk Sewer Levels.

Bench Mark Description:

Point ID: **H8-E3**

1929 Elevation: **1231.808** 1988 Elevation: **1234.220**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the southwesterly corner of the median catch basin on Central Avenue and about 3,450 feet easterly of Canyon Crest Drive.

1996: Re-Adjusted as a part of the Central Avenue Trunk Sewer Levels.

Bench Mark Description:

Point ID: **H8-F3**

1929 Elevation: **1360.935** 1988 Elevation: **1363.370**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the easterly corner of a catch basin at the southeast corner of Central Avenue and Box Springs Road (now Sycamore Canyon Road)

1996: Re-Adjusted as part of the Central Avenue Trunk Sewer Levels.

Bench Mark Description:

Point ID: **H8-G3**

1929 Elevation: **1090.490** 1988 Elevation: **1092.946**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Point Destroyed

Description:

P.K. Nail and City Engineer Tag in the northwest curb return of Canyon Crest Drive and El Cerrito Drive. (Reported Destroyed 3/97 per City Field Crew.)

Bench Mark Description:

Point ID: **H8-H3**

1929 Elevation: **1073.450** 1988 Elevation: **1075.904**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the northeast curb return of Canyon Crest Drive and Navajo Drive.

Bench Mark Description:

Point ID: **H8-I3**

1929 Elevation: **997.258** 1988 Elevation: **999.708**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point **Point Destroyed**

Description:

P.K. Nail and City Engineer Tag in the westerly wing of a catch basin on the north side of Pennsylvania Avenue 56.5 feet easterly of the centerline of Iowa Avenue. Point Destroyed by new construction of MLK. See H8-L3

Bench Mark Description:

Point ID: **H8-J3**

1929 Elevation: **1088.225** 1988 Elevation: **1090.681**

Date Levelled: 1997 Date Levelled: 0

Reference: LL42/135 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the catch basin wing at the northeasterly curb return at Canyon Crest Drive and El Cerrito Drive.

Bench Mark Description:

Point ID: **H8-K3**

1929 Elevation: **1075.584** 1988 Elevation: **1078.039**

Date Levelled: 1997 Date Levelled: 0

Reference: LL43/135 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the northeast corner of a street light base along the westerly curb of Canyon Crest Drive 320 feet northerly of Monte Vista Drive.

Bench Mark Description:

Point ID: **H8-L3**

1929 Elevation: **998.353** 1988 Elevation: **1000.803**

Date Levelled: 1996 Date Levelled: 0

Reference: LL43/135 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the northwest corner of a catch basin along the northerly curb of Martin Luther King Blvd. at the BCR of the northeast curb return at Iowa Avenue and Martin Luther King Blvd.

Bench Mark Description:

Point ID: **I5-A3**

1929 Elevation: **753.831** 1988 Elevation: **756.266**

Date Levelled: 1997 Date Levelled: 0

Reference: LL44/109A Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

City of Riverside Brass Disk in a standard monument well stamped "I5-A" on the centerline of Tequesquite 506.74 feet southwesterly of the P.I. at the Landfill Entrance.

Bench Mark Description:

Point ID: **I5-B3**

1929 Elevation: **760.110** 1988 Elevation: **762.545**

Date Levelled: 1997 Date Levelled: 0

Reference: LL44/109 Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

Spike and City Engineer Tag at the P.I. of Tequesquite Avenue southwesterly of Gregory; intersection of centerline Tequesquite Avenue and southerly line of Evans Rio Rancho per CRL 19/81; CRFB 1001/50; CRFB 972/5. Tied into levels from Tequesquite park photo control FB 1001/54.

Bench Mark Description:

Point ID: **I5-C3**

1929 Elevation: **778.320** 1988 Elevation: **780.756**

Date Levelled: 1977 Date Levelled: 0

Reference: FB1001/54 Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

3/4" Iron Pipe and Tag R.E. 862 at centerline of Tequesquite Avenue and San Andreas Avenue.

Levelled as part of the Tequesquite Park photo control CRFB 1001/54

Bench Mark Description:

Point ID: **I6-C2**
1929 Elevation: **773.826** 1988 Elevation: **776.263**
Date Levelled: 1971 Date Levelled: 0
Reference: FB735/42 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point
Description:
Brass Disk stamped "I6-C" at the centerline intersection of Palm Avenue
and Pine Street

Bench Mark Description:

Point ID: **I6-D2**
1929 Elevation: **842.756** 1988 Elevation: **845.189**
Date Levelled: 1984 Date Levelled: 0
Reference: LL13/39C Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point
Description:
P.K. Nail in a traffic signal base at the southeasterly corner of Seventh Street
and Redwood Drive (BM Transfer from I6-E2)

Bench Mark Description:

Point ID: **I6-E2**
1929 Elevation: **842.996** 1988 Elevation: **845.429**
Date Levelled: 1971 Date Levelled: 0
Reference: FB735/50 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point
Description:
Brass Disk stamped "I6-E" in a monument well on the centerline of Seventh Street
(now Mission Inn Avenue) and 10 feet easterly of the centerline of Redwood
Drive. (see transfer BM I6-D2 LL 13/39C)

Bench Mark Description:

Point ID: **I6-F2**
1929 Elevation: **853.156** 1988 Elevation: **855.590**
Date Levelled: 1971 Date Levelled: 0
Reference: FB735/56 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point
Description:
Brass Disk stamped (I6-F) in a monument well at the centerline intersection
of Eleventh Street and Redwood Drive

Bench Mark Description:

Point ID: **I6-G2**

1929 Elevation: **834.134** 1988 Elevation: **836.572**

Date Levelled: 1971 Date Levelled: 0

Reference: FB735/134 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped "I6-G" in a monument well at the centerline intersection of Market Street and Fourteenth Street

Bench Mark Description:

Point ID: **I6-H2**

1929 Elevation: **834.478** 1988 Elevation: **836.917**

Date Levelled: 1996 Date Levelled: 0

Reference: LL42/130 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and City Engineer Tag in the back of the catch basin at the southeast corner of Market Street and Fourteenth Street. (BM transfer from I6-G2)

Bench Mark Description:

Point ID: **I6-I3**

1929 Elevation: **840.914** 1988 Elevation: **843.351**

Date Levelled: 1971 Date Levelled: 0

Reference: FB975/10 Reference:

Adjustment Year: 1929 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail in the top of curb along Tenth Street 12 feet southeasterly of the curb return at the most southerly corner of Tenth Street and Market Street.

Bench Mark Description:

Point ID: **I6-J3**

1929 Elevation: **847.334** 1988 Elevation: **849.766**

Date Levelled: 1997 Date Levelled: 0

Reference: LL44/27 Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of curb of a catch basin at the E.C.R of the southeasterly curb return of Fourth Street and Redwood Drive.

Bench Mark Description:

Point ID: **I7-A2**

1929 Elevation: **941.005** 1988 Elevation: **943.446**

Date Levelled: 1971 Date Levelled: 0

Reference: FB717/68 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped "I7-A" in a monument well at the centerline intersection of Third Street and Chicago Avenue.

Bench Mark Description:

Point ID: **I7-B2**

1929 Elevation: **956.733** 1988 Elevation: **959.178**

Date Levelled: 1971 Date Levelled: 0

Reference: FB717/69 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

Brass Disk stamped "I7-B" in a monument well at the centerline intersection of Chicago Avenue and University Avenue.

Point Destroyed by Construction - See BM I7-V2

Bench Mark Description:

Point ID: **I7-C3**

1929 Elevation: **939.915** 1988 Elevation: **942.359**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point **Point Destroyed**

Description:

P.K. Nail and City Engineer Tag in the top of the easterly wing of a catch basin at the northeast corner of University Avenue and Ottawa Avenue

Reported Destroyed: June 2001

Bench Mark Description:

Point ID: **I7-D3**

1929 Elevation: **923.273** 1988 Elevation: **925.716**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the center of the northwest curb return at University Avenue and Kansas Avenue

Bench Mark Description:

Point ID: **I7-E2**

1929 Elevation: **910.371** 1988 Elevation: **912.809**

Date Levelled: 1971 Date Levelled: 0

Reference: FB847/7 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of a steet light pole at the northeast corner of Spruce Street and Chicago Avenue

Bench Mark Description:

Point ID: **I7-F2**

1929 Elevation: **833.211** 1988 Elevation: **835.645**

Date Levelled: 1971 Date Levelled: 0

Reference: FB847/17 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

P.K. Nail and Tag in the south end of the west abutment of the Southern Pacific Railroad overpass at Main Street (See BM I7-Q2 for transfer data - FB 1037/52)

Bench Mark Description:

Point ID: **I7-G2**

1929 Elevation: **825.448** 1988 Elevation: **827.880**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

California Division of Highways Brass Disk in a monument well at the centerline intersection of Oakley Street and Main Street.

NOTE: It is possible that a traffic detector loop has been placed over the monument well. EXERCISE CAUTION !!

Bench Mark Description:

Point ID: **I7-H3**

1929 Elevation: **911.568** 1988 Elevation: **914.011**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail in the base of a street light pole at the back of the southerly curb of University Avenue, 27 feet easterly of the centerline of Comer Avenue produced.

Bench Mark Description:

Point ID: **I7-I3**

1929 Elevation: **890.553** 1988 Elevation: **892.994**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of the curb, 15 feet southeasterly of the easterly curb return of University Avenue and Park Avenue.

Bench Mark Description:

Point ID: **I7-J3**

1929 Elevation: **876.441** 1988 Elevation: **878.882**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the center of the northerly headwall of the Riverside Water Company Canal, 110 feet northwest of the intersection of Tenth Street and Commerce Street, 14 feet southeast of the easterly rail of the Santa Fe Railroad.

Bench Mark Description:

Point ID: **I7-K3**

1929 Elevation: **881.022** 1988 Elevation: **883.460**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the easterly end of the northerly headwall of the Riverside Water Company Canal at Third Street, 170 feet northwest of the intersection of Third Street and Commerce Street.

Bench Mark Description:

Point ID: **I7-L3**

1929 Elevation: **890.636** 1988 Elevation: **893.075**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the westerly catch basin wing at the south east curb return of Third Street and Park Avenue.

Bench Mark Description:

Point ID: **I7-M3**

1929 Elevation: **901.360** 1988 Elevation: **903.800**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the westerly wing of a catch basin, 7 feet easterly of the northeast curb return at Third Street and Kansas Avenue

Bench Mark Description:

Point ID: **I7-N3**

1929 Elevation: **916.288** 1988 Elevation: **918.729**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of curb, 4.5 feet north of the northeast curb return at Kansas Avenue and Linden Street

Bench Mark Description:

Point ID: **I7-O3**

1929 Elevation: **920.765** 1988 Elevation: **923.205**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of the northerly curb of Third Street near the centerline prod of Dwight Street.

Bench Mark Description:

Point ID: **I7-P2**

1929 Elevation: **940.306** 1988 Elevation: **942.747**

Date Levelled: 1981 Date Levelled: 0

Reference: FB1032/18 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail in the northwest curb return at Chicago Avenue and Third Street (Transfer from I7-A2)

Bench Mark Description:

Point ID: **I7-Q2**

1929 Elevation: **832.957** 1988 Elevation: **835.391**

Date Levelled: 1982 Date Levelled: 0

Reference: FB1037/52 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Spike and Lead in the easterly curb of Main Street, 450 feet northerly of First Street (Transfer of I7-F see FB 1037/52)

Bench Mark Description:

Point ID: **I7-R3**

1929 Elevation: **860.433** 1988 Elevation: **862.870**

Date Levelled: 1996 Date Levelled: 0

Reference: LL42/98 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the back of a catch basin along the easterly curb of Lime Street, at the northeast corner of Lime Street and Third Street.

Adjusted and Entered: May 1997

Bench Mark Description:

Point ID: **I7-S3**

1929 Elevation: **852.637** 1988 Elevation: **855.073**

Date Levelled: 1996 Date Levelled: 0

Reference: LL42/98 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the back of a catch basin along the westerly curb of Orange Street at the southwest corner of Orange Street and Third Street

Adjusted and Entered: May 1997

Bench Mark Description:

Point ID: **I7-T3**

1929 Elevation: **854.513** 1988 Elevation: **856.950**

Date Levelled: 1996 Date Levelled: 0

Reference: LL42/98 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

Chiseled Square in the top of a curb at the back of the sidewalk, at the southeast corner of Orange Street and Sixth Street.

Adjusted and Entered: May 1997

Bench Mark Description:

Point ID: **I7-U3**

1929 Elevation: **850.400** 1988 Elevation: **852.838**

Date Leveled: 1996 Date Leveled: 0

Reference: LL43/7A Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of curb of a Drop Inlet structure at the southeasterly corner of Ninth Street and Orange Street.

Adjusted and Entered: May 1996

Bench Mark Description:

Point ID: **I7-V2**

1929 Elevation: **958.738** 1988 Elevation: **961.183**

Date Leveled: 1996 Date Leveled: 0

Reference: LL42-96A Reference:

Adjustment Year: 1970 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of the northeast corner of a Catch Basin along the northerly curb of University Ave. at the northeast corner of Chicago Ave. and University Ave.

Bench Mark Description:

Point ID: **I8-A3**

1929 Elevation: **929.631** 1988 Elevation: **932.070**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the westerly end of the southwest curb return at Spruce Street and Atlanta Avenue

Bench Mark Description:

Point ID: **I8-B3**

1929 Elevation: **961.275** 1988 Elevation: **963.715**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the concrete base of a street light pole at the southwest corner of Iowa Avenue and Spruce Street

Bench Mark Description:

Point ID: **I8-C3**

1929 Elevation: **963.185** 1988 Elevation: **965.626**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Point Destroyed

Description:

P.K. Nail and City Engineer Tag in the concrete base of a street light pole at the southwest corner of Iowa Avenue and Massachusetts Avenue.

Bench Mark Description:

Point ID: **I8-D3**

1929 Elevation: **947.716** 1988 Elevation: **950.158**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the westerly end of a catch basin wing on the northerly curb of Blaine Street, 1300 feet westerly of Iowa and 9 westerly of the most westerly driveway to the Arco Service Station.

Bench Mark Description:

Point ID: **I8-E3**

1929 Elevation: **979.847** 1988 Elevation: **982.290**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer tag in the top of curb 2 feet southerly of the south west curb return at Iowa Avenue and Blaine Street.

Bench Mark Description:

Point ID: **I8-F3**

1929 Elevation: **993.575** 1988 Elevation: **996.020**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point **Point Destroyed**

Description:

Carriage Bolt in a 2" square steel plate stamped " BM 72 E 61 " in the center of the northeast curb return at Iowa Avenue and Linden Street

Bench Mark Description:

Point ID: **I8-G3**

1929 Elevation: **997.467** 1988 Elevation: **999.914**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point **Point Destroyed**

Description:

P.K. Nail and City Engineer Tag in the center of the southwest curb return of Iowa Avenue and University Avenue. (Destroyed by construction: 1996)

Bench Mark Description:

Point ID: **I8-H3**

1929 Elevation: **1000.223** 1988 Elevation: **1002.670**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the top of the curb 2 feet northerly of the northeast curb return at Iowa Avenue and Everton Place.

Bench Mark Description:

Point ID: **I8-I3**

1929 Elevation: **977.407** 1988 Elevation: **979.853**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the easterly wing of a catch basin on University Avenue at the northeast corner of Cranford Street and University Avenue

Bench Mark Description:

Point ID: **I8-J3**

1929 Elevation: **963.895** 1988 Elevation: **966.337**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the concrete base of a street light pole on the westerly side of Iowa, 167 feet southerly of Massachusetts Avenue
(Formerly I8-C RESET)

Bench Mark Description:

Point ID: **I8-K3**

1929 Elevation: **996.699** 1988 Elevation: **999.144**

Date Levelled: 1988 Date Levelled: 0

Reference: LL23/125 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the east end of the north concrete handrail abutment of the Linden Street overcrossing of the 60/I-215 Freeway at the northeasterly corner of Linden Street and Iowa Avenue.

Bench Mark Description:

Point ID: **J7-B2**

1929 Elevation: **841.159** 1988 Elevation: **843.587**

Date Levelled: 1971 Date Levelled: 0

Reference: FB735/31 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped " J7-B " in a monument well at the centerline intersection of Chase Street and Orange Street

Bench Mark Description:

Point ID: **J7-C2**

1929 Elevation: **830.703** 1988 Elevation: **833.132**

Date Levelled: 1971 Date Levelled: 0

Reference: FB735/32 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped " J7-C " in a monument well at the centerline intersection of Nash Street and Orange Street.

Bench Mark Description:

Point ID: **J7-F2**

1929 Elevation: **827.252** 1988 Elevation: **829.682**

Date Levelled: 1971 Date Levelled: 0

Reference: FB779/48 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and Lead at the End of Curve of the southwest curb return at Orange Street and Columbia Avenue

Bench Mark Description:

Point ID: **J7-G2**

1929 Elevation: **870.475** 1988 Elevation: **872.907**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

California Division of Highways brass disk in a monument well at the centerline intersection of Columbia Avenue and Primer Street

Bench Mark Description:

Point ID: **J7-H2**
1929 Elevation: **872.698** 1988 Elevation: **875.130**
Date Levelled: 1971 Date Levelled: 0
Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point

Description:
California Division of Highways brass disk in a monument well at the centerline intersection of East La Cadena Drive and Columbia Avenue.

Bench Mark Description:

Point ID: **J7-I2**
1929 Elevation: **836.813** 1988 Elevation: **839.238**
Date Levelled: 1971 Date Levelled: 0
Reference: FB735/66 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point

Description:
P.K. Nail in the southwest corner of a concrete block "CB", 12 feet north of the centerline of Placentia Lane and 240 feet westerly of the centerline of Orange Street.

Bench Mark Description:

Point ID: **J7-J2**
1929 Elevation: **807.185** 1988 Elevation: **809.615**
Date Levelled: 1971 Date Levelled: 0
Reference: FB708/1 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point

Description:
P.K. Nail in the north "CB" of Strong Street, 90 feet easterly of the centerline of Main Street.

Bench Mark Description:

Point ID: **J7-K2**
1929 Elevation: **813.234** 1988 Elevation: **815.662**
Date Levelled: 1971 Date Levelled: 0
Reference: FB847/16 Reference:
Adjustment Year: 1971 Adjustment Year: 2009
2nd Order Point

Description:
P.K. Nail and Tag in the east "CB" of Main Street, 18 feet south of the Begin of Curb Return at Columbia Avenue

Bench Mark Description:

Point ID: **J7-L2**

1929 Elevation: **872.746** 1988 Elevation: **875.179**

Date Levelled: 1982 Date Levelled: 0

Reference: LL6/95A Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

The northeasterly bolt in the street light base at the southeasterly corner of Columbia Avenue and East La Cadena Drive.

(BM Transfer from J7-H)

Reported Destroyed: 2/98 - By City Survey Crew

Bench Mark Description:

Point ID: **J7-M2**

1929 Elevation: **871.063** 1988 Elevation: **873.496**

Date Levelled: 1998 Date Levelled: 0

Reference: LL45/58 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail and City Engineer Tag in the westerly wall of a catch basin 1' north of the northerly curb of Columbia Avenue, 155 feet easterly of E.La Cadena Drive

(Set as part of the Laurel project.)

Bench Mark Description:

Point ID: **J7-N3**

1929 Elevation: **868.272** 1988 Elevation: **870.706**

Date Levelled: 1998 Date Levelled: 0

Reference: LL45/58 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the street light base at the northwest curb return of Laurel Avenue and Marlborough Avenue.

(Set as part of the Laurel project)

Bench Mark Description:

Point ID: **J7-O3**

1929 Elevation: **887.877** 1988 Elevation: **890.312**

Date Levelled: 1998 Date Levelled: 0

Reference: LL45/70 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the westerly wall of a catch basin 1' northerly of the northerly curb of Marlborough Avenue, 95' easterly of the centerline of Chicago Avenue.

(Set as part of the Laurel project)

Bench Mark Description:

Point ID: **J8-A3**

1929 Elevation: **929.110** 1988 Elevation: **931.546**

Date Levelled: 0 Date Levelled: 0

Reference: FB717/65 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

Brass Disk stamped " J8-A " in a monument well at the centerline intersection of Iowa Avenue and Marlborough Avenue.

Bench Mark Description:

Point ID: **J8-B3**

1929 Elevation: **918.760** 1988 Elevation: **921.194**

Date Levelled: 0 Date Levelled: 0

Reference: FB837/18 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point **Point Destroyed**

Description:

P.K. Nail and Tag in the center of the northwest curb return at Columbia Avenue and Iowa Avenue

Bench Mark Description:

Point ID: **J8-C2**

1929 Elevation: **945.989** 1988 Elevation: **948.417**

Date Levelled: 1974 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

A standard brass disk in a concrete post, 100 feet north and 160 feet east of the intersection of Transit Avenue and Church Street, 20 feet east of the extreme east rail, 12 feet north of a telegraph pole, and 5.5. feet south of a switch box.

Bench Mark Description:

Point ID: **J8-D3**

1929 Elevation: **918.908** 1988 Elevation: **921.341**

Date Levelled: 1981 Date Levelled: 0

Reference: FB1029/16 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

Lead and Tack in the top of curb 3.5 feet north of the B.C.R. of the northwest curb return at Palmyrita Avenue and Iowa Avenue.

CAUTION : There is also a lead and tack at the M.O.C.

Adjusted as part of the A.T.S.F. Railroad at Iowa Project 2/96

Bench Mark Description:

Point ID: **J8-E3**

1929 Elevation: **926.150** 1988 Elevation: **928.581**

Date Levelled: 1996 Date Levelled: 0

Reference: LL41/111 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

Chisled Square at the S.E. Corner of a concrete retaining wall at the northeast corner of Iowa Avenue and the A.T.S.F. railroad crossing.

Levelled and adjusted as part of the Iowa at A.T.S.F. Project dated 2/96

Bench Mark Description:

Point ID: **J8-F2**

1929 Elevation: **952.776** 1988 Elevation: **955.205**

Date Levelled: 1996 Date Levelled: 0

Reference: LL41/111 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Chisled Square at the southeast top of a catch basin on the northerly side of Center Street east of Transit Avenue

Bench Mark Description:

Point ID: **J8-G3**

1929 Elevation: **930.869** 1988 Elevation: **933.305**

Date Levelled: 1997 Date Levelled: 0

Reference: LL43/104 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the southeasterly corner of a catch basin along the easterly curb of Iowa Avenue at the southeast curb return of Iowa Avenue and Marlborough Avenue. (B.M. Transfer from J8-A3)

Bench Mark Description:

Point ID: **J8-H3**

1929 Elevation: **981.648** 1988 Elevation: **984.083**

Date Levelled: 1981 Date Levelled: 0

Reference: FB1029/17 Reference:

Adjustment Year: 1970 Adjustment Year: 2009

3rd Order Point

Description:

Lead and Tack in the top of the northwest corner of a catch basin on the southwest corner of Palmyrita Avenue and Northgate Street - southerly.

(Input June 1998 from City Notes)

Bench Mark Description:

Point ID: **K7-B2**

1929 Elevation: **833.594** 1988 Elevation: **836.016**

Date Leveled: 1971 Date Leveled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

County Surveyor's brass monument in a monument well at the centerline intersection of North Main Street and Placentia Lane.

Bench Mark Description:

Point ID: **L1-A3**

1929 Elevation: **1534.311** 1988 Elevation: **1536.787**

Date Levelled: 1997 Date Levelled: 0

Reference: LL43/105 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of a street light pole along the northerly curb of Eastridge Avenue, 82 feet westerly of Box Springs Blvd.
Adjusted and Entered: May 1997

Bench Mark Description:

Point ID: **L1-B3**

1929 Elevation: **1537.343** 1988 Elevation: **1539.816**

Date Levelled: 1997 Date Levelled: 0

Reference: LL43/105 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the base of a street light along the southerly curb of River Crest Drive, 70 feet westerly of Box Springs Blvd.
Adjusted and Entered: May 1997

Bench Mark Description:

Point ID: **L1-C3**

1929 Elevation: **1510.379** 1988 Elevation: **1512.846**

Date Levelled: 1997 Date Levelled: 0

Reference: LL43/105 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

P.K. Nail and City Engineer Tag in the northerly corner of a catch basin in the median curb of Sycamore Canyon Blvd, 95 feet southeasterly of Fair Isle Drive.

Adjusted and Entered: May 1997

Bench Mark Description:

Point ID: **L1-D3**

1929 Elevation: **1505.783** 1988 Elevation: **1508.251**

Date Levelled: 1997 Date Levelled: 0

Reference: LL43/105 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

Brass Disk in a monument well stamped " C.S.D.H., REPL 2" I.P. FOR NE COR. OF SEC. 4, T3S R4W" 0.94 feet deep at the intersection of Morton Road and Box Springs Blvd. (Elev per LL 14/82A = 1505.71)

Adjusted and Entered: May 1997

Bench Mark Description:

Point ID: **MARTINEK**

1929 Elevation: **984.900** 1988 Elevation: **987.352**

Date Leveled: 1971 Date Leveled: 0

Reference: FB857/64 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk in concrete on a small raised earth mound on the westerly side of Chicago Avenue at Le Conte Avenue. Point is 35 feet southerlu of a pole # 19037 J and 35.4 feet westerly of the existing berm of Chicago Avenue.

Bench Mark Description:

Point ID: **NAVAL**

1929 Elevation: **843.015** 1988 Elevation: **845.464**

Date Leveled: 1971 Date Leveled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

U.S.C.&G.S. brass cap (triangulation station naval) in a monument well in the sidewalk at the northwest corner of Alrington Avenue and Brockton Avenue

Bench Mark Description:

Point ID: **O-38**

1929 Elevation: **788.349**

1988 Elevation: **790.802**

Date Leveled: 1971

Date Leveled: 0

Reference:

Reference:

Adjustment Year: 1971

Adjustment Year: 2009

1st Order Point

Description:

See F4-G1 for details

Bench Mark Description:

Point ID: **VB-08-2**

1929 Elevation: **1638.123** 1988 Elevation: **1640.622**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass disk stamped " VB-8 " in the top of a 4 X 10 foot granite boulder, 205 feet west of Plummer Road at the southwest corner of Plummer Road and Van Buren Blvd.

Found in Good Condition by Keith Co. 12/98

Bench Mark Description:

Point ID: **VB-09-2**

1929 Elevation: **1704.487** 1988 Elevation: **1706.981**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

Brass Disk stamped " VB-9 " in a 4 X 9 X 16 foot granite boulder on top of a small knoll, 150 feet south of Van Buren Blvd, and 1.2 miles east of the intersection of Van Buren Blvd and Wood Road.

Reported as NOT FOUND: 3/2/98 by City Survey Crew

Bench Mark Description:

Point ID: **VB-10-2**

1929 Elevation: **1700.632** 1988 Elevation: **1703.123**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk stamped " VB-10 " on top of a 3 X 15 X 18 foot granite boulder in the northeast side of a group of boulders , 205 feet north of Van Buren Blvd 0.6 miles east of Wood Road.

Note: Mark Destroyed by construction 1996.

See Transfer LL 43/110

Bench Mark Description:

Point ID: **VB-11-2**

1929 Elevation: **1604.495** 1988 Elevation: **1606.984**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point **Point Destroyed**

Description:

A concrete nail set in the north edge of a 8 foot concrete sidewalk , 3 feet west of a porch upright, 12 feet northwest of the northwest corner of a stucco building, 90 feet southerly of Van Buren Blvd, and 0.3 miles west on Van Buren Blvd. from the intersection of Wood Road.

MARK REPORTED DESTROYED 8/6/99

Bench Mark Description:

Point ID: **VB-12-2**

1929 Elevation: **1582.814** 1988 Elevation: **1585.301**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

A brass disk marked "VB-12" set in a 1 X 3 X 7 foot granite boulder, 2 feet east of a marker post, 116 feet north of Van Buren Blvd. , 92 feet east of Chicago Avenue, at the southeast corner of Van Buren Blvd. and Chicago Avenue in the Woodcrest area. NOTE: This discription contains a discrepancy related to the quadrant the BM falls in.

Bench Mark Description:

Point ID: **VB-13-2**

1929 Elevation: **1486.833** 1988 Elevation: **1489.319**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

Brass Disk marked " VB-13-64 " in a concrete post, 1 foot east of a marker post 9, feet west of a down guy anchor, 78.2 feet west of Washington Street, 490 feet south of the intersection of Van Buren Blvd and Washington Street in the Woodcrest area.

Bench Mark Description:

Point ID: **VB-15-2**

1929 Elevation: **1252.477** 1988 Elevation: **1254.952**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

3.8 miles southeast along Van Buren Blvd from the intersection of Van Buren Blvd and the A.T. & S.F. Railroad , 118 feet south of Van Buren Blvd. , 75 feet southwest of a telephone pole # 632971, 3 feet east of a marker post, on the west side of a large wash and on top of a large granite boulder, a Brass Disk stamped " VB-15 "

Bench Mark Description:

Point ID: **VB-17-2**

1929 Elevation: **1003.826** 1988 Elevation: **1006.295**

Date Levelled: 1971 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

2nd Order Point

Description:

P.K. Nail in the westerly headwall of the Gage Canal at the Van BUren Blvd Crossing.

Bench Mark Description:

Point ID: **Z-1-AUX**

1929 Elevation: **851.967** 1988 Elevation: **854.404**

Date Levelled: 1996 Date Levelled: 0

Reference: LL42/98 Reference:

Adjustment Year: 1971 Adjustment Year: 2009

3rd Order Point

Description:

U.S. Coast and Geodetic Brass Disk stamped "Z1 RESET 1962" in a monument well in the back of the sidewalk at the northeast corner of Orange Street and Mission Inn Avenue.

Adjusted and Entered: May 1997

Bench Mark Description:

Point ID: **Z-1-RESET**

1929 Elevation: **857.615** 1988 Elevation: **860.090**

Date Levelled: 0 Date Levelled: 0

Reference: Reference:

Adjustment Year: 1971 Adjustment Year: 2009

1st Order Point

Description:

A standard U.S.C. & G.S. brass disk cemented in a drill hole at the entrance to the Riverside Municipal Museum Building. About 4 feet higher than the street it is 41.6 feet south of a concrete lamp post, 16.5 feet east of the center of the entrance into the building, 3.3 feet west of the most easterly one of 6 columns, 3.3 feet east of the second column from the east and 0.6 feet south of the north edge of the archway.