

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1001**
Point Name: **DANIEL**

Monument Description: Set Date: 9/1/2005
2" Disc on Red Polyroc Monument Block with 24"
Feno Anchor

Stamping: DANIEL
Center Mark: Triangle w/Punch

Location:

Exit Roth Road from I-5. Go east on Roth Road
0.8 miles to the Union Pacific Railroad tracks.
Monument is set near the intersection of tracks
and Roth Road, 70 feet southerly of edge of
pavement, 30 feet west of nearest tracks and 30
feet southeasterly of the Union Pacific Railroad
control box "833.921.K"



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°51'19.27074"N

Longitude: 121°15'52.47498"W

Ellipse Height (m): -24.693

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.009

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	650,693.548	2,134,817.08
Easting:	1,932,719.088	6,340,929.21
Combined Factor:	0.9999347	

NAVD88 Elevation (MSL)

Meters	Feet
7.31	23.97

FGDC Network Accuracy: 0.006

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1002**
Point Name: **ROTH**

Monument Description: Found Date: 9/1/2005
2" Disc in Concrete

Stamping: CA. DIV. OF HIGHWAYS "23"
Center Mark: Punch

Location:

Exit Roth Road from I-5. Monument is in centerline of Roth Road in median on the easterly side of I-5, 180 feet easterly from north bound overpass.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°51'20.11477"N

Longitude: 121°16'52.27514"W

Ellipse Height (m): -26.315

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.010

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	650,731.640	2,134,942.06
Easting:	1,931,257.596	6,336,134.30
Combined Factor:	0.9999350	

NAVD88 Elevation (MSL)

Meters	Feet
5.71	18.72

FGDC Network Accuracy: 0.007

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1003**

Point Name:

Monument Description: Found Date: 9/1/2005
2" Brass Disc

Stamping: S.J.CO. TU-31.3 1977

Center Mark: Punch

Location:

Exit Roth Road from I-5. Go west 0.05 miles to Manthey Road. Go 0.2 miles south to Manila Road. Monument is located near the intersection of Manthey Road and Manila Road. Found in east curb 10 feet southerly of the centerline prolongation of Manila Road.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°51'06.77238"N

Longitude: 121°17'00.41677"W

Ellipse Height (m): -26.764

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.010

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	650,321.979	2,133,598.03
Easting:	1,931,055.146	6,335,470.09
Combined Factor:	0.9999349	

NAVD88 Elevation (MSL)

FGDC Network Accuracy: 0.007

+/- Meters at 95% Confidence

Meters	Feet
5.27	17.28

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1004**
Point Name: **BROOK**

Monument Description: Set Date: 9/1/2005
2" Disc on Red Polyroc Monument Block with 24" Feno Anchor

Stamping: **BROOK**
Center Mark: Triangle w/Punch

Location:

Exit Roth Road from I-5. Take Roth Road west 0.05 miles to Manthey Road. Go south on Manthey Road 0.2 miles to Manila Road. Take Manila Road west 1.5 miles to private gate at the end of the county portion of Manila Road. The monument was set 34 feet northerly of centerline of Manila Road, 12 feet northerly and 7 feet easterly of a brick pilastar.



NAD 83 Coordinates, Epoch 2004.00

Survey by: **RBF** Date: **NOV 2005**

Ellipsoidal Coordinates, GRS 80

Latitude: **37°51'06.88804"N**

Longitude: **121°18'36.07305"W**

Ellipse Height (m): **-28.984**

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: **0.013**

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	650,345.452	2,133,675.04
Easting:	1,928,716.924	6,327,798.78
Combined Factor:	0.9999353	

NAVD88 Elevation (MSL)

Meters	Feet
3.08	10.10

FGDC Network Accuracy: **0.010**

+/- Meters at 95% Confidence

Survey by: **RBF** Date: **NOV 2005**

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1005**
Point Name: **LOGAN**

Monument Description: Set Date: 9/1/2005
2" Disc on Red Polyroc Monument Block with 24"
Feno Anchor

Stamping: LOGAN
Center Mark: Triangle w/Punch

Location:

Exit Roth Road from I-5. Go west 0.05 miles to Manthey Road. Go south 0.4 miles to Frewert Road. Go west on Frewert Road 1.8 miles to end of county portion of Frewert Road. Then follow private road 0.1 miles to top of levee, veer right and head northerly along levee 100 feet to gate. Monument is located along levee 47 feet north of gate



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°51'00.42708"N

Longitude: 121°19'12.48230"W

Ellipse Height (m): -23.772

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.013

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	650,154.024	2,133,046.99
Easting:	1,927,825.182	6,324,873.12
Combined Factor:	0.9999344	

NAVD88 Elevation (MSL)

FGDC Network Accuracy: 0.009

+/- Meters at 95% Confidence

Meters	Feet
8.31	27.25

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1006**

Point Name:

Monument Description: Found Date: 9/1/2005
1" Pin

Stamping: N/A

Center Mark: Apparent Center

Location:

Exit Roth Road from I-5. Go west 0.05 miles to Manthey Road. Take Manthey Road south 0.4 miles to the intersection of Manthey Road and Frewert Road. Monument is located at centerline prolongation of Frewert Road on the east side of Manthey Road 1 foot westerly from fence line along Manthey Road and 1 foot easterly from the most easterly edge of pavement.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°50'53.52026"N

Longitude: 121°17'03.32326"W

Ellipse Height (m): -26.538

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.014

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	649,914.034	2,132,259.63
Easting:	1,930,980.675	6,335,225.76
Combined Factor:	0.9999348	

NAVD88 Elevation (MSL)

Meters	Feet
5.50	18.04

FGDC Network Accuracy: 0.011

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1007**
Point Name: **AUNDREA**

Monument Description: Set Date: 9/1/2005
2" Disc on Red Polyroc Monument Block with 24"
Feno Anchor

Stamping: AUNDREA
Center Mark: Triangle w/Punch

Location:

Exit Lathrop Road from I-5. Go east on Lathrop Road for approximately 0.1 miles to Harlan Road. Go north on Harlan Road for 1.5 miles to 11900 Harlan Road. Westerly from the most southerly driveway, monument set on the westerly side of Harlan Road 2.5' west of the face of curb 60 feet north of signpost and 130 feet south of power pole 8/15.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°50'52.15811"N

Longitude: 121°17'00.53818"W

Ellipse Height (m): -26.402

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.014

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	649,871.471	2,132,119.98
Easting:	1,931,048.406	6,335,447.98
Combined Factor:	0.9999347	

NAVD88 Elevation (MSL)

Meters	Feet
5.64	18.49

FGDC Network Accuracy: 0.010

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1008**

Point Name:

Monument Description: Found Date: 9/1/2005
1" Pin in Concrete

Stamping:

Center Mark: Apparent Center

Location:

Exit Roth Road from I-5. Go west 0.05 miles to Manthey Road Take Manthey Road south approximately 0.6 mile to Klo Road. Monument is located near intersection of Manthey Road and Klo Road. Found 20 feet north of centerline prolongation of Klo Road and 5 feet east of edge of pavement of Manthey Road



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°50'41.43122"N

Longitude: 121°17'06.15668"W

Ellipse Height (m): -27.008

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.011

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	649,541.930	2,131,038.81
Easting:	1,930,908.284	6,334,988.26
Combined Factor:	0.9999348	

NAVD88 Elevation (MSL)

Meters	Feet
5.04	16.53

FGDC Network Accuracy: 0.007

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1009**
Point Name: **SLATE**

Monument Description: Set Date: 9/1/2005
2" Disc on Red Polyroc Monument Block with 24"
Feno Anchor

Stamping: SLATE
Center Mark: Triangle w/Punch

Location:

Exit Lathrop Road from I-5. Go east on Lathrop Road for approximately 0.1 miles to Harlan Road. Head north 1.0 miles to Slate Street. Monument is located near the intersection of Slate Street and Harlan Road. Monument is 43 feet southerly of centerline prolongation of Slate Street at the midpoint between a speed limit sign and directional sign, 2 feet easterly from freeway right of way fence line, 2.5 feet westerly of curb



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°50'26.99081"N

Longitude: 121°17'06.36910"W

Ellipse Height (m): -26.731

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.009

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	649,096.800	2,129,578.42
Easting:	1,930,899.356	6,334,958.97
Combined Factor:	0.9999346	

NAVD88 Elevation (MSL)

Meters	Feet
5.32	17.46

FGDC Network Accuracy: 0.006

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1010**
Point Name: **DELIMA**

Monument Description: Set Date: 9/1/2005
2" Disc on Red Polyroc Monument Block with 24"
Feno Anchor

Stamping: DELIMA
Center Mark: Triangle w/Punch

Location:

Exit Lathrop Road from I-5. Go 0.05 miles west on Lathrop Road to Manthey Road. From Manthey Road go north 0.5 miles to De Lima Road. Go west 0.7 miles on De Lima Road to the gate with the "Dead End" sign. The monument is set 3 feet southerly of the most southerly edge of pavement and 8 feet easterly of the gate.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°50'06.12391"N

Longitude: 121°18'03.64972"W

Ellipse Height (m): -28.862

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.011

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	648,465.378	2,127,506.83
Easting:	1,929,493.456	6,330,346.45
Combined Factor:	0.9999348	

NAVD88 Elevation (MSL)

FGDC Network Accuracy: 0.007

+/- Meters at 95% Confidence

Meters	Feet
3.22	10.56

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1011**

Point Name:

Monument Description: Found Date: 9/1/2005
1" Pin in Concrete

Stamping: N/A

Center Mark: Apparent Center

Location:

Exit Roth Road from I-5. Go 0.05 miles west to Manthey Road. From Manthey Road go north 0.5 miles to De Lima Road. Monument is located 10 feet southerly of the centerline prolongation of De Lima Road, 2 feet westerly from right-of-way fence line on the east side of Manthey Road.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°50'06.28658"N

Longitude: 121°17'14.51344"W

Ellipse Height (m): -27.629

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.008

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	648,460.197	2,127,489.83
Easting:	1,930,694.873	6,334,288.10
Combined Factor:	0.9999346	

NAVD88 Elevation (MSL)

Meters	Feet
4.44	14.56

FGDC Network Accuracy: 0.006

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1012**

Point Name:

Monument Description: Found Date: 9/1/2005
2.5" Brass Disc in Well Monument

Stamping: Illegible

Center Mark:

Location:

Exit Lathrop Road from I-5. Go east on Lathrop Road for 0.1 mile to Harlan Road. Go north 1.0 miles to Slate Street. Go east 0.5 miles on Slate Street to intersection of Kirkwood Avenue and Slate Street. Monument is located at centerline intersection of Kirkwood Avenue and Slate Street.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°50'15.73736"N

Longitude: 121°16'43.27217"W

Ellipse Height (m): -27.666

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.011

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	648,745.157	2,128,424.74
Easting:	1,931,461.143	6,336,802.10
Combined Factor:	0.9999347	

NAVD88 Elevation (MSL)

Meters	Feet
4.38	14.39

FGDC Network Accuracy: 0.007

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1013**
Point Name: **PAT**

Monument Description: Set Date: 9/1/2005
2" Disc on Red Polyroc Monument Block with 24"
Feno Anchor

Stamping: PAT

Center Mark: Triangle w/Punch

Location:

Exit Lathrop Road from I-5. Go west on Lathrop Road 0.05 miles to Manthey Road. Go north on Manthey Road 0.3 miles to Dos Reis Road, then west on Dos Reis Road 1.2 miles to Dos Reis Road Park and top of levee. Monument is located 105 feet southerly of the centerline of Dos Reis Road, 7 feet south of metal gate at the top of levee.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°49'47.35559"N

Longitude: 121°18'38.98683"W

Ellipse Height (m): -23.353

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.010

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	647,894.226	2,125,632.97
Easting:	1,928,624.456	6,327,495.40
Combined Factor:	0.9999338	

NAVD88 Elevation (MSL)

FGDC Network Accuracy: 0.006

+/- Meters at 95% Confidence

Meters	Feet
8.75	28.70

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1014**

Point Name:

Monument Description: Found Date: 9/1/2005
1" Pin in Concrete

Stamping: N/A

Center Mark: Apparent Center

Location:

Exit Lathrop Road from I-5. Go west on Lathrop Road 0.05 miles to Manthey Road. Go north on Manthey Road 0.3 miles to Dos Reis Road. Monument is located near the intersection of Manthey Road and Dos Reis Road. Found 115 feet south of the centerline prolongation of Dos Reis Road, 1.5 feet westerly of the freeway right-of-way fence line on the east side of Manthey Road.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°49'47.65983"N

Longitude: 121°17'21.19674"W

Ellipse Height (m): -27.497

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.010

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	647,887.344	2,125,610.39
Easting:	1,930,526.625	6,333,736.10
Combined Factor:	0.9999344	

NAVD88 Elevation (MSL)

FGDC Network Accuracy: 0.007

+/- Meters at 95% Confidence

Meters	Feet
4.58	15.03

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1015**

Point Name:

Monument Description: Found Date: 9/1/2005
2.5" Brass Disc in Well Monument

Stamping: LS 5816

Center Mark: Punch

Location:

Exit Lathrop Road from I-5. Go east on Lathrop Road 0.1 miles to the intersection of Lathrop Road and Harlan Road. Monument is located at the centerline intersection of Lathrop Road and Harlan Road.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°49'34.83567"N

Longitude: 121°17'12.81178"W

Ellipse Height (m): -26.381

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.010

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	647,490.272	2,124,307.67
Easting:	1,930,728.326	6,334,397.85
Combined Factor:	0.9999342	

NAVD88 Elevation (MSL)

Meters	Feet
5.70	18.70

FGDC Network Accuracy: 0.007

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1016**

Point Name:

Monument Description: Found Date: 9/1/2005
3/4" IP w/ plug/tack in Well Monument

Stamping: L.S. 5840

Center Mark: Tack

Location:

Exit Lathrop Road from I-5. Go east 0.1 miles to Harlan Road. Go north on Harlan Road 0.2 miles to Shilling Avenue. Go 0.3 miles east on Shilling Avenue to Cedar Valley Drive. Monument is located at centerline intersection of Cedar Valley Drive and Shilling Avenue.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°49'46.46212"N

Longitude: 121°16'51.79241"W

Ellipse Height (m): -26.978

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.011

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	647,844.389	2,125,469.47
Easting:	1,931,245.299	6,336,093.95
Combined Factor:	0.9999343	

NAVD88 Elevation (MSL)

FGDC Network Accuracy: 0.007

+/- Meters at 95% Confidence

Meters	Feet
5.09	16.70

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1017**

Point Name:

Monument Description: Found Date: 9/1/2005
1" IP w/ plug/tack in Well Monument

Stamping: LS 5340

Center Mark: Tack

Location:

Exit Lathrop Road from I-5. Take Lathrop Road 0.6 miles east to Woodfield Drive. Take Woodfield Drive 0.1 miles north to intersection of Woodfield Drive and Long Barn Drive. Monument is located at the centerline intersection of Woodfield Drive and Long Barn Drive.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°49'39.53877"N

Longitude: 121°16'41.54557"W

Ellipse Height (m): -27.019

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.010

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	647,628.867	2,124,762.37
Easting:	1,931,494.077	6,336,910.15
Combined Factor:	0.9999343	

NAVD88 Elevation (MSL)

Meters	Feet
5.05	16.57

FGDC Network Accuracy: 0.006

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1018**

Point Name:

Monument Description: Found Date: 9/1/2005
2.5" Brass Disc in Well Monument

Stamping: LS 6314

Center Mark: Punch

Location:

Exit Lathrop Road from I-5. Take Lathrop Road 1.4 miles to railroad overcrossing. Monument is located in a 4 foot wide median on Lathrop Road 87 feet west of the westerly edge of bridge deck



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°49'34.64512"N

Longitude: 121°15'48.60940"W

Ellipse Height (m): -15.544

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.009

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	647,467.342	2,124,232.44
Easting:	1,932,787.260	6,341,152.87
Combined Factor:	0.9999325	

NAVD88 Elevation (MSL)

Meters	Feet
16.51	54.16

FGDC Network Accuracy: 0.005

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1019**

Point Name:

Monument Description: Found Date: 9/1/2005
3/4" Pin

Stamping: N/A

Center Mark: Apparent Center

Location:

Exit Lathrop Road for I-5. Go west on Lathrop Road 0.05 miles to Manthey Road. Go 0.5 miles south on Manthey Road. Monument is located on the easterly side of Manthey Road, 75 feet north of a private driveway on west side of road, 8 feet north of power pole, 5 feet east of edge of pavement, and 1 foot west of freeway right-of-way fenceline.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°49'08.89823"N

Longitude: 121°17'35.93790"W

Ellipse Height (m): -27.538

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.009

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	646,695.442	2,121,699.96
Easting:	1,930,156.051	6,332,520.31
Combined Factor:	0.9999342	

NAVD88 Elevation (MSL)

FGDC Network Accuracy: 0.006

+/- Meters at 95% Confidence

Meters	Feet
4.56	14.97

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1020**

Point Name:

Monument Description: Found Date: 9/1/2005
1 1/2" Disk in Well Monument

Stamping: S.J.C.O. Re 11988

Center Mark: Punch

Location:

Exit Louise Avenue from I-5. Go east 0.1 miles to Harlan Road. Go north on Harlan Road 0.6 miles to Thomsen Road. Go east on Thomsen Road 0.1 miles to Lisa Lane. Monument is located 13 feet east of centerline intersection of Thomsen Road and Lisa Lane on the centerline of Thomsen Road.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°49'08.66922"N

Longitude: 121°17'24.35332"W

Ellipse Height (m): -27.358

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.012

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	646,656.986	2,121,668.94
Easting:	1,930,439.293	6,333,449.58
Combined Factor:	0.9999342	

NAVD88 Elevation (MSL)

Meters	Feet
4.74	15.55

FGDC Network Accuracy: 0.009

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1021**

Point Name:

Monument Description: Found Date: 9/1/2005
1" Rebar in Well Monument

Stamping: N/A

Center Mark: Apparent Center

Location:

Exit Louise Avenue from I-5. Go east on Louise Avenue 0.1 miles to Harlan Road. Go north on Harlan Road 0.6 miles to Thomsen Road. Go east on Thomsen Road 0.4 miles to Cambridge Drive. Go north on Cambridge Drive 0.1 miles to Steven Place. Monument is located at centerline intersection of Cambridge Drive and Steven Place.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°49'11.26107"N

Longitude: 121°17'03.83326"W

Ellipse Height (m): -26.374

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.011

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	646,761.666	2,121,917.23
Easting:	1,930,941.784	6,335,098.17
Combined Factor:	0.9999340	

NAVD88 Elevation (MSL)

FGDC Network Accuracy: 0.008

+/- Meters at 95% Confidence

Meters	Feet
5.72	18.75

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1022**
Point Name: **JAMES**

Monument Description: Set Date: 9/1/2005
2" Disk on Red Polyroc Monument Block with 24" Feno Anchor

Stamping: JAMES
Center Mark: Triangle w/Punch

Location:

Exit Louise Avenue from I-5. Go east on Louise Avenue 0.1 miles to Harlan Road. Go north on Harlan Road 0.6 miles to Thomsen Road. Go north on Thomsen Road 0.8 miles to 7th Street. Monument is located 40 feet southeasterly of centerline intersection of 7th Street and Thomsen Road, on the east side of 7th Street, 40 feet south from electrical pole, 5 feet west from fence line, and 5 feet east from edge of pavement.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°49'07.15908"N

Longitude: 121°16'31.99972"W

Ellipse Height (m): -25.997

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.011

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	646,628.721	2,121,481.06
Easting:	1,931,719.223	6,337,648.82
Combined Factor:	0.9999340	

NAVD88 Elevation (MSL)

FGDC Network Accuracy: 0.007

+/- Meters at 95% Confidence

Meters	Feet
6.08	19.96

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1023**
Point Name: **PARADISE**

Monument Description: Set Date: 9/1/2005
2" Disc on Red Polyroc Monument Block with 24"
Feno Anchor

Stamping: PARADISE
Center Mark: Triangle w/Punch

Location:

Exit Louise Avenue from I-5. Go west 0.05 miles to Manthey Road. Go south on Manthey Road 2.1 miles to Stewart Road. Go westerly on Stewart Road 1.1 miles to Cohen Road. Go northerly and westerly on Cohen Road 2.7 miles to Paradise Avenue. Go south 0.5 miles to Stewart Road. Monument is located 80 feet southeasterly of the centerline intersection, 13 feet northerly of top edge of bank and 10 feet southerly of most southerly edge of pavement.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°48'34.37634"N

Longitude: 121°21'25.24144"W

Ellipse Height (m): -28.813

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.010

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	645,680.650	2,118,370.60
Easting:	1,924,538.678	6,314,090.65
Combined Factor:	0.9999342	

NAVD88 Elevation (MSL)

FGDC Network Accuracy: 0.008

+/- Meters at 95% Confidence

Meters	Feet
3.37	11.04

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1024**

Point Name:

Monument Description: Found Date: 9/1/2005
3" USC&GS Brass Disc in Concrete 2.5" Brass Disc

Stamping: LS 5412

Center Mark: Punch

Location:

Exit Louise Avenue from I-5. Go west for 0.6 miles to McKee Boulevard. Head north 0.2 miles to Barbara Terry Boulevard. Monument is located at the centerline intersection of McKee Boulevard and Barbara Terry Boulevard.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°48'52.97666"N

Longitude: 121°18'27.06288"W

Ellipse Height (m): -28.945

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.009

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	646,215.305	2,120,124.71
Easting:	1,928,901.549	6,328,404.50
Combined Factor:	0.9999343	

NAVD88 Elevation (MSL)

Meters	Feet
3.18	10.42

FGDC Network Accuracy: 0.005

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1025**

Point Name:

Monument Description: Found Date: 9/1/2005
3/4" IP with Plastic Plug in Well Monument

Stamping: L84876

Center Mark: Tack

Location:

Exit Louise Avenue from I-5. Go 0.1 miles east to Harlan Road. Go north on Harlan Road 0.3 miles to Camelback Drive. Go east on Camelback Drive 150 feet to intersection with Sedona Lane. Monument is located at the centerline intersection of Camelback Drive and Sedona Lane.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°48'52.00773"N

Longitude: 121°17'35.06802"W

Ellipse Height (m): -27.171

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.010

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	646,174.560	2,119,991.04
Easting:	1,930,172.911	6,332,575.63
Combined Factor:	0.9999341	

NAVD88 Elevation (MSL)

Meters	Feet
4.94	16.19

FGDC Network Accuracy: 0.007

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1026**

Point Name:

Monument Description: Found Date: 9/1/2005
2" Disc found in curb

Stamping: B.M. L.S. 4450

Center Mark:

Location:

Exit Louise Avenue from I-5. Go east on Louise approximately 0.7 miles to 5th Street/ Howland Road. Monument is located at the southwest corner of intersection of Louise Avenue and 5th Street/ Howland Road, in the curb, 4 feet east of a traffic signal pole at the west edge of the handicap ramp



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°48'42.01592"N

Longitude: 121°16'39.47888"W

Ellipse Height (m): -25.277

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.011

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	645,855.122	2,118,943.01
Easting:	1,931,529.877	6,337,027.61
Combined Factor:	0.9999337	

NAVD88 Elevation (MSL)

FGDC Network Accuracy: 0.008

+/- Meters at 95% Confidence

Meters	Feet
6.82	22.37

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1027**
Point Name: **BRYCE**

Monument Description: Set Date: 9/1/2005
2" Disc on Red Polyroc Monument Block with 24"
Feno Anchor

Stamping: BRYCE
Center Mark: Triangle w/Punch

Location:

Exit Louise Avenue from I-5. Go east on Louise
1.5 miles to the Southern Pacific Railroad
Company tracks. Monument is located on south
side of Louise Avenue, 10 feet west of railroad
tracks and 20 feet south of railroad crossing
arms. DESTROYED

NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°48'42.32549"N

Longitude: 121°15'43.52589"W

Ellipse Height (m): -24.507

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.014

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	645,853.408	2,118,937.39
Easting:	1,932,898.432	6,341,517.61
Combined Factor:	0.9999336	

NAVD88 Elevation (MSL)

FGDC Network Accuracy: 0.009

+/- Meters at 95% Confidence

Meters	Feet
7.54	24.75

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1028**

Point Name:

Monument Description: Found Date: 9/1/2005
2.5" Brass Disc in Well Monument

Stamping: LS 5412

Center Mark: Punch

Location:

Exit Louise Avenue from I-5. Go west on Louise Avenue for 0.6 miles to McKee Boulevard. Monument is located at the centerline intersection of River Island Parkway and McKee Boulevard.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°48'39.78852"N

Longitude: 121°18'23.84896"W

Ellipse Height (m): -27.994

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.010

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	645,808.062	2,118,788.62
Easting:	1,928,976.646	6,328,650.88
Combined Factor:	0.9999341	

NAVD88 Elevation (MSL)

FGDC Network Accuracy: 0.005

+/- Meters at 95% Confidence

Meters	Feet
4.13	13.56

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1029**

Point Name:

Monument Description: Found Date: 9/1/2005
2.5" Brass Disc in Well Monument

Stamping: LS5412

Center Mark:

Location:

Exit Louise Avenue from I-5. Go west 0.6 miles to McKee Boulevard. Go south on McKee Boulevard 0.2 miles to Johnson Ferry Boulevard. Go west 0.1 miles to Gold Nugget Trail. Monument is located at the centerline intersection of Johnson Ferry Boulevard and Gold Nugget Trail.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°48'26.11209"N

Longitude: 121°18'23.13922"W

Ellipse Height (m): -27.718

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.009

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	645,386.295	2,117,404.87
Easting:	1,928,990.372	6,328,695.91
Combined Factor:	0.9999340	

NAVD88 Elevation (MSL)

FGDC Network Accuracy: 0.005

+/- Meters at 95% Confidence

Meters	Feet
4.41	14.48

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1030**

Point Name:

Monument Description: Found Date: 9/1/2005
1" Pin in Concrete

Stamping: N/A

Center Mark: Apparent Center

Location:

Exit Louise Avenue from I-5. Go west on Louise Avenue 0.05 miles Manthey Road. Go 0.2 miles south on Manthey Road. Monument is located on the east side of Manthey Road, 5 feet west of freeway right-of-way fence, and 3 feet east of "Stop Ahead" sign



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°48'27.69311"N

Longitude: 121°17'51.13959"W

Ellipse Height (m): -27.694

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.011

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	645,428.327	2,117,542.77
Easting:	1,929,773.466	6,331,265.11
Combined Factor:	0.9999340	

NAVD88 Elevation (MSL)

Meters	Feet
4.43	14.53

FGDC Network Accuracy: 0.007

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1031**

Point Name:

Monument Description: Found Date: 9/1/2005
1/2" Pin Mushroomed on Top

Stamping: N/A
Center Mark: Cross

Location:

Exit Louise Avenue from I-5. Go west 0.05 miles to Manthey Road. Take Manthey Road south 0.8 miles to Brookhurst Boulevard. Go west on Brookhurst Boulevard 0.2 miles to McKee Boulevard. Go north on McKee Boulevard 0.3 miles to a roundabout at Towne Centre Drive. Go west on Towne Centre Drive 0.4 miles to a dead end and an access road to the levee. Go south along the levee access road 0.1 mile to the top of the levee. Monument is located 100 feet north of an outfall structure and 60 feet south of the access road on the westerly side of the levee.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°48'11.50820"N

Longitude: 121°18'43.29956"W

Ellipse Height (m): -22.679

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.011

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	644,940.350	2,115,941.80
Easting:	1,928,493.364	6,327,065.31
Combined Factor:	0.9999331	

NAVD88 Elevation (MSL)

FGDC Network Accuracy: 0.007

+/- Meters at 95% Confidence

Meters	Feet
9.47	31.05

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1032**
Point Name: **CITY HALL**

Monument Description: Set Date: 9/1/2005
2" Disc in Concrete

Stamping: CITY HALL
Center Mark: Triangle w/Punch

Location:

Exit Louise Avenue from I-5. Go west 0.05 miles to Manthey Road. Take Manthey Road south 0.8 miles to Brookhurst Boulevard. Go west on Brookhurst Boulevard 0.2 miles to McKee Boulevard. Go north on McKee Boulevard 0.3 miles to Lathrop City Hall on the south side of McKee Boulevard. Monument is located at the northwest corner of concrete base of the flag pole at the southwest side of the City Hall building, 23 feet east from face of curb.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°48'13.91314"N

Longitude: 121°18'15.78392"W

Ellipse Height (m): -28.856

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.011

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	645,008.677	2,116,165.97
Easting:	1,929,167.043	6,329,275.54
Combined Factor:	0.9999341	

NAVD88 Elevation (MSL)

Meters	Feet
3.28	10.76

FGDC Network Accuracy: 0.009

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1033**

Point Name:

Monument Description: Found Date: 9/1/2005
1" Rebar w/ Cap/ Tack in Well Monument

Stamping: RCE 24XX

Center Mark: Tack

Location:

Exit Louise Road from I-5. Go 0.2 miles west to Harlan Road. Go south on Harlan Road 0.7 miles to D'arcy Parkway. Monument is located at the centerline intersection of Harlan Road and D'Arcy Parkway.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°48'12.76836"N

Longitude: 121°17'52.32725"W

Ellipse Height (m): -28.441

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.011

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	644,968.474	2,116,034.07
Easting:	1,929,740.495	6,331,156.94
Combined Factor:	0.9999341	

NAVD88 Elevation (MSL)

Meters	Feet
3.69	12.10

FGDC Network Accuracy: 0.006

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1034**

Point Name:

Monument Description: Found Date: 9/1/2005
1/2" Rebar

Stamping: N/A

Center Mark: N/A

Location:

Exit Louise Avenue from I-5. Go west 0.05 miles to Manthey Road. Go South on Manthey Road 0.8 miles to Brookhurst Boulevard. Monument is located 4 feet south of centerline prolongation of Brookhurst Boulevard, 2 feet east of freeway right-of-way fence, and 8 feet east of the edge of pavement.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°47'57.73094"N

Longitude: 121°18'01.49807"W

Ellipse Height (m): -28.527

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.011

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	644,506.816	2,114,519.45
Easting:	1,929,512.209	6,330,407.97
Combined Factor:	0.9999340	

NAVD88 Elevation (MSL)

Meters	Feet
3.61	11.85

FGDC Network Accuracy: 0.006

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1035**

Point Name:

Monument Description: Found Date: 9/1/2005
2.5" Brass Disc in Well Monument

Stamping: Illegible

Center Mark:

Location:

Exit Louise Road from I-5. Go east 0.2 miles to Harlan Road. Take Harlan Road south 1.3 miles till it dead ends at the entrance to The Home Depot Factory Center. Monument is located at the center of the cul-de-sac



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°47'39.35303"N

Longitude: 121°17'59.90853"W

Ellipse Height (m): -26.375

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.012

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	643,939.929	2,112,659.59
Easting:	1,929,546.249	6,330,519.65
Combined Factor:	0.9999336	

NAVD88 Elevation (MSL)

Meters	Feet
5.77	18.93

FGDC Network Accuracy: 0.007

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1036**

Point Name:

Monument Description: Found Date: 9/1/2005
2 1/2" Brass Disc in Well Monument

Stamping: LS 6369

Center Mark: Punch

Location:

Exit Louise Avenue from I-5. Go east on Louise Road 0.2 miles to Harlan Road. Go south on Harlan Road 1.0 miles to Nestle Way. Go east on Nestle Way 0.5 miles. Monument is located on the centerline of Nestle Way 300 feet east of the railroad tracks at the beginning of curve, 50 feet northeasterly of light pole no. 690, and 27 feet south of railroad crossing sign at Building 601.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°47'49.07716"N

Longitude: 121°17'23.16068"W

Ellipse Height (m): -28.694

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.012

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	644,232.069	2,113,618.05
Easting:	1,930,447.753	6,333,477.34
Combined Factor:	0.9999340	

NAVD88 Elevation (MSL)

Meters	Feet
3.44	11.28

FGDC Network Accuracy: 0.008

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1037**

Point Name:

Monument Description: Found Date: 9/1/2005
2 1/2" Brass Disc in Well Monument

Stamping: PLS 6173

Center Mark: Punch

Location:

Exit Lathrop Road from I-5. Go east on Lathrop Road for approximately 0.2 miles to Harlan Road. Take Harlan Road 0.7 miles to D'Arcy Parkway. Head east on D'Arcy Parkway 1.0 miles to the railroad tracks. Monument is located 280 feet southeasterly of tracks at apparent centerline intersection of D'Arcy Parkway and a future cross street.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°47'48.54669"N

Longitude: 121°16'45.33658"W

Ellipse Height (m): -22.944

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.012

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	644,207.959	2,113,538.95
Easting:	1,931,372.886	6,336,512.54
Combined Factor:	0.9999331	

NAVD88 Elevation (MSL)

Meters	Feet
9.18	30.10

FGDC Network Accuracy: 0.008

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1038**

Point Name:

Monument Description: Found Date: 9/1/2005
2.5" Brass Disc in Well Monument

Stamping: LS 5182 2001

Center Mark:

Location:

Exit Louise Avenue from I-5. Go east 1.2 miles on Louise Avenue to McKinley Road. Go south on McKinley Road 1.0 miles to Yosemite Avenue East. Go east on Yosemite Avenue 0.2 miles to Shideler Parkway. Monument is located at the centerline intersection of Yosemite Avenue and Shideler Parkway.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°47'50.32860"N

Longitude: 121°15'59.09949"W

Ellipse Height (m): -24.652

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.012

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	644,253.551	2,113,688.53
Easting:	1,932,504.411	6,340,224.89
Combined Factor:	0.9999334	

NAVD88 Elevation (MSL)

Meters	Feet
7.45	24.45

FGDC Network Accuracy: 0.010

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1039**
Point Name: **CLAIRE**

Monument Description: Set Date: 9/1/2005
2" Disc on Red Polyroc Monument Block with 24"
Feno Anchor

Stamping: **CLAIRE**
Center Mark: Triangle w/Punch

Location:

Eixt Louise Avenue from I-5. Go west 0.05 miles
to Manthey Road. Go south 2.0 miles to Stewart
Road. Go westerly on Stewart road for 1.1 miles
to Cohen Road. Monument is located at the
northwest corner of intersection, 50 feet south of
the southeast corner of fence surrounding
equipment yard and 90 feet easterly of power pole
1235. DESTROYED

NAD 83 Coordinates, Epoch 2004.00

Survey by: **RBF** Date: **NOV 2005**

Ellipsoidal Coordinates, GRS 80

Latitude: **37°47'24.46629"N**

Longitude: **121°19'19.84760"W**

Ellipse Height (m): **-26.871**

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.012

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	643,497.951	2,111,209.53
Easting:	1,927,586.647	6,324,090.52
Combined Factor:	0.9999336	

NAVD88 Elevation (MSL)

FGDC Network Accuracy: 0.008

+/- Meters at 95% Confidence

Meters	Feet
5.26	17.26

Survey by: **RBF** Date: **NOV 2005**

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **1040**
Point Name: **LAUNCH**

Monument Description: Set Date: 9/1/2005
2" Disc in Concrete Headwall

Stamping: LAUNCH
Center Mark: Triangle w/Punch

Location:

Exit Louise Avenue from I-5. Go west 0.05 miles to Manthey Road. Go south on Manthey Road 1.7 miles to Mossdale Crossing Park and Launch Facility. Enter the park and go to the boat launch ramp. The monument is located in the concrete headwall at the top of the boat launch ramp.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°47'12.66513"N

Longitude: 121°18'24.24356"W

Ellipse Height (m): -21.930

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.010

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	643,122.307	2,109,977.10
Easting:	1,928,943.842	6,328,543.26
Combined Factor:	0.9999328	

NAVD88 Elevation (MSL)

FGDC Network Accuracy: 0.007

+/- Meters at 95% Confidence

Meters	Feet
10.23	33.56

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

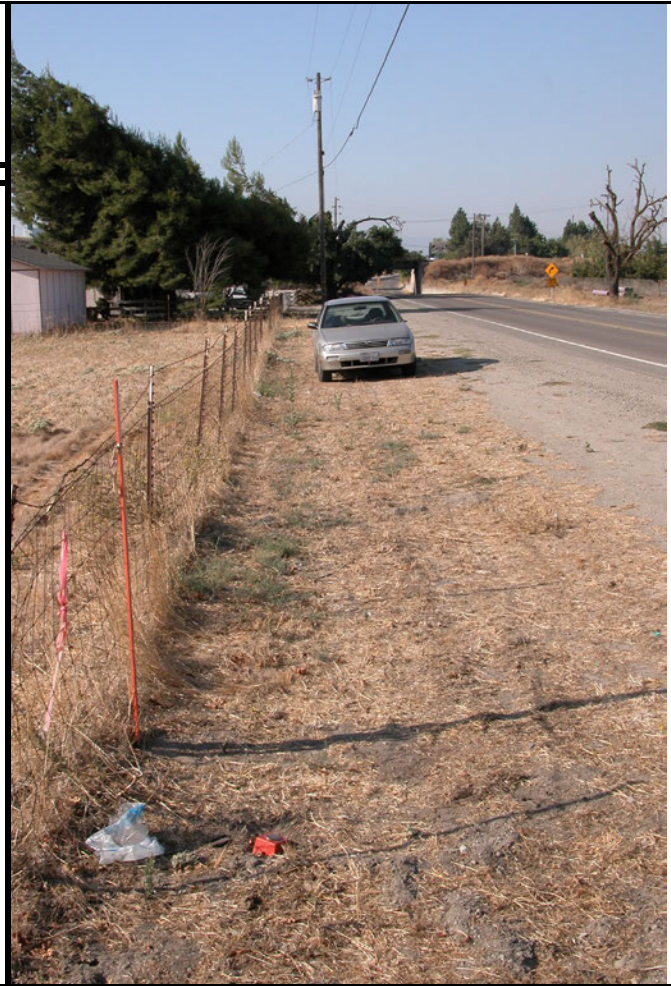
Point ID: **1041**
Point Name: **TRISHA**

Monument Description: Set Date: 9/1/2005
2" Disc on Red Polyroc Monument Block with 24"
Feno Anchor

Stamping: TRISHA
Center Mark: Triangle w/Punch

Location:

Exit Louise Avenue from I-5. Go west on Louise Avenue 0.05 miles to Manthey Road. Go South on Manthey Road 1.5 miles. Monument is located about 500 feet north of railroad track bridge, 2 feet west of fence line on the east side of Manthey Road, 65 feet south of pole 541P and driveway at 18570 Manthey Road.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°47'25.47510"N

Longitude: 121°18'08.48489"W

Ellipse Height (m): -26.336

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.008

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	643,513.897	2,111,261.85
Easting:	1,929,332.775	6,329,819.28
Combined Factor:	0.9999335	

NAVD88 Elevation (MSL)

Meters	Feet
5.82	19.08

FGDC Network Accuracy: 0.005

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **2004**

Point Name:

Monument Description: Found Date: 9/1/2005
3.75" USC&GS Brass Disc

Stamping: E799 1946

Center Mark: Cross

Location:

Exit Lathrop Road of I-5. Go east on Lathrop Road approximately 1.5 miles. Turn right onto dirt road after you go over the Southern Pacific Railroad Company tracks. Follow road to "T" into the Railroad tracks and canal. Make a left and follow that dirt road parallel with the canal. Stay to the left approximately 0.4 miles till you can cross over tracks and canal. Make a right after crossing over and head northwest for 100 feet. Monument is located on canal headwall



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°49'17.58024"N

Longitude: 121°15'44.34594"W

Ellipse Height (m): -25.607

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.006

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	646,940.412	2,122,503.67
Easting:	1,932,887.228	6,341,480.85
Combined Factor:	0.9999340	

NAVD88 Elevation (MSL)

Meters	Feet
6.45	21.17

FGDC Network Accuracy: 0.000

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **2006**
Point Name: **MATHEW**

Monument Description: Found Date: 9/1/2005
3" USC&GS Brass Disc

Stamping: MATHEW 1959
Center Mark: Cross

Location:

Exit Mathews Road from I-5. Go west on Mathews Road 0.6 miles to the San Joaquin County Juvenile Justice Center located at 535 Mathews. Monument is located 50 feet west of a fire hydrant, and 10 feet north of edge of road.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°52'56.96453"N

Longitude: 121°17'22.47728"W

Ellipse Height (m): -26.920

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.007

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	653,723.564	2,144,758.06
Easting:	1,930,544.553	6,333,794.92
Combined Factor:	0.9999360	

NAVD88 Elevation (MSL)

Meters	Feet
5.06	16.60

FGDC Network Accuracy: 0.000

+/- Meters at 95% Confidence

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **2024**
Point Name: **TIDAL 6**

Monument Description: Found Date: 9/1/2005
3" USC&GS Brass Disc in Concrete

Stamping: NO. 6 1949 Reset 1958
Center Mark: Cross

Location:

Exit Louise Avenue from I-5. Go west on Louise Avenue 0.05 to Manthey Road. Take Manthey Road south 2.1 miles to Stewart Road. Go westerly on Stewart Road 1.1 miles to Cohen Road. Go northerly and westerly on Cohen Road 1.7 miles. Monument is located 10 feet northerly of the edge of the pavement on a 7'x 7' concrete slab for a 20" standpipe.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°48'30.43221"N

Longitude: 121°20'06.10028"W

Ellipse Height (m): -26.297

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.005

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	645,541.561	2,117,914.27
Easting:	1,926,473.239	6,320,437.62
Combined Factor:	0.9999338	

NAVD88 Elevation (MSL)

FGDC Network Accuracy: 0.000

+/- Meters at 95% Confidence

Meters	Feet
5.86	19.23

Survey by: RBF Date: NOV 2005

BENCH MARK MONUMENT REPORT

CITY OF LATHROP

Date Printed: 5/5/2006

Point ID: **2025**

Point Name:

Monument Description: Found Date: 9/1/2005
3.75" USC & GS Brass Disk

Stamping: USC & GS H1041 1959

Center Mark: Cross

Location:

Exit Louise Avenue from I-5. Go west on Louise Avenue 0.05 to Manthey Road. Take Manthey Road 3.3 miles to a concrete bridge. Monument is located at the northeast concrete bridge abutment on Manthey Road.



NAD 83 Coordinates, Epoch 2004.00

Survey by: RBF Date: NOV 2005

Ellipsoidal Coordinates, GRS 80

Latitude: 37°46'18.66517"N

Longitude: 121°19'34.71494"W

Ellipse Height (m): -23.890

Calif. Coord.
System of
1983(Epoch
2004.00) Zone 3

FGDC Network Accuracy: 0.009

+/- Meters at 95% Confidence

	Meters	US Survey Feet
Northing:	641,472.650	2,104,564.85
Easting:	1,927,205.012	6,322,838.44
Combined Factor:	0.9999330	

NAVD88 Elevation (MSL)

FGDC Network Accuracy: 0.000

+/- Meters at 95% Confidence

Meters	Feet
8.31	27.25

Survey by: RBF Date: NOV 2005