RECORD OF SURVEY

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NOTE:

ALL DISTANCE VALUES SHOWN ARE IN METERS AND ARE GRID DISTANCES ON THE CALIF. COORDINATE SYSTEM 1983 (1986), ZONE 3. TO OBTAIN A GROUND LEVEL DISTANCE, DIVIDE THE GRID DISTANCE BY THE COMBINED GRID FACTOR. TO CONVERT METERS TO U.S. SURVEY FEET, MULTIPLY DISTANCE BY 3937/1200.

COMBINED GRID FACTOR: 0.99961137

GRID NORTH
GEODETIC AZ. - GRID AZ. - CONVERGENCE
CONVERGENCE AT 1229+85 65.800 RT. = -0° 51' 21"

SCALE
1:1200
METERS
0 50 100 150

TEST STATION ROAD

10+00.000
N 661048.695
E 2122798.190

10+69.629 B.C.
N 661081.533
E 2122859.589

Δ = 23° 51' 00"
R = 50.000
L = 20.813

10+90.442 E.C.
N 661087.302
E 2122879.430

11+28.862
N 661090.175
E 2122917.742

PM 50.2
1/4 CORNER FOR
SECTIONS 15 & 16
3.5" U.S.F.S. ALUM. CAP
"LS 4580"
PER R/S 34-45
N 661367.835
E 2122560.169
EL = 2076.393

"1233+53.057
63.222R 2000"
N 661369.383
E 2122659.632
EL = 2069.860

C 1/4 SECTION 15
3.25" U.S.F.S. ALUM. CAP
"LS 4580"
PER R/S 34-45
N 661380.423
E 2123368.844

123+00
99.474
N89°06'30"E
709.298

N34°14'04"W
76.327
N35°27'07"W
110.153
N35°32'55"W
50.992
N53°01'54"W
30.878
N37°34'12"W
N07°00'14"W
11.217

1232+76.747
61.600 RT.
N 661306.280
E 2122702.572

1233+60.000
19.000 LT.
N 661327.349
E 2122588.627

R/W & SB CL
233+00
N.B.P.G.
232+00
231+00
230+00
229+00
228+00
N35°27'07"W
493.226
565.749
193.406
403.599
N89°37'00"W

1231+66.594
61.600 RT.
N 661216.549
E 2122766.463

EC 231+49.847
EC 231+66.594

1231+66.568 N 661171.964
15.234 LT E 2122703.887
EL = 2070.999

1231+66.594
19.000 LT.
N 661169.800
E 2122700.806

1231+18.084
62.700 RT.
N 661175.061
E 2122796.109

1230+98.621
70.300 RT.
N 661161.898
E 2122813.596

1230+69.426
70.300 RT.
N 661135.590
E 2122829.762

1230+59.694
65.800 RT.
N 661124.456
E 2122831.130

TANGENT BEARING =
N 30° 25' 35" W

MNO 395

R = 1199.729
Δ = 02° 39' 35"
L = 55.711

R = 1284.529
Δ = 03° 30' 41"
L = 78.724

1231+10.000
19.000 LT.
N 661123.683
E 2122732.055

1231+00.000
23.500 LT.
N 661112.980
E 2122733.550

N7°56'57"W
10.807
N31°22'51"W
39.227
N54°48'45"W
10.807

1230+60.000
23.500 LT.
N 661079.491
E 2122753.976

TANGENT BEARING =
N29°58'14"W

1230+50.000
19.000 LT.
N 661073.264
E 2122762.808

L = 117.904

N 85° 42' 41" E
11+28.862
11+00
TEST STATION ROAD
EC 10+90.442
BC 10+69.629
229+90.000
10+33.600
N 6° 51' 40" E

"1229+85
65.800RT"
N 661055.393
E 2122868.895
EL = 2072.558

10+00.000
1230+11.035
Δ = 05° 37' 51"
R = 1199.729

R = 1284.529
Δ = 04° 12' 07"
L = 94.206

PM 49.9
N 660987.383
E 2122845.102
EL = 2069.154

1228+97.815
60.924 RT.
N 660970.144
E 2122903.032

1228+95.622
65.800 RT.
N 660969.906
E 2122908.420

SW 1/16 CORNER
SECTION 15
3.5" U.S.F.S. ALUM. CAP
"LS 4580"
PER R/S 34-45
N 660970.876
E 2122967.487

S89°03'34"W
57.137

N89°03'34"E
45.850

1229+30.229
19.000 LT.
N 660968.398
E 2122816.598

91.834

1229+15.976
15.249 RT.
N 660969.330
E 2122853.672

S89°03'34"W
1.938
S89°03'34"W

1228+94.941
67.600 RT.
N 660969.938
E 2122910.358

S89°03'34"W
206.233

1229+49.397
60.936 LT.
N 660967.646
E 2122770.754

R = 1157.792
Δ = 2° 47' 32"
L = 56.423

"1228+90
60.936LT 2000"
N 660916.040
E 2122793.563
EL = 2075.935

R = 1157.792
Δ = 12° 53' 24"
L = 260.472

R = 1286.329
Δ = 12° 53' 20"
L = 289.366

S 1/16 CORNER
FOR SECTIONS 15 & 16
3.5" U.S.F.S. ALUM. CAP
"LS 4580"
PER R/S 34-45
N 660964.260
E 2122564.549

LEGEND

- FOUND LAND NET CORNER, AS NOTED
- FOUND MONUMENT, AS NOTED
- PROJECT CONTROL MONUMENT, 3/4 INCH REBAR WITH CALTRANS ALUMINUM CAP, MARKED AS SHOWN
- SET R/W MONUMENT, 3/4 INCH REBAR WITH CALTRANS ALUMINUM CAP, MARKED AS SHOWN
- CALCULATED POINT, NOTHING SET.
- SIX INCH SQUARE, CONCRETE, TYPE "C" RIGHT-OF-WAY MONUMENT.
- RIGHT-OF-WAY PER CALTRANS RIGHT-OF-WAY RECORD MAPS.
- N.G.S. MONUMENT, AS NOTED.
- BENCH MARK, AS NOTED.

0 50 100
SCALE 1 INCH = 100 FEET

R/W CENTERLINE & SOUTHBOUND CENTERLINE SOUTH OF STA.1240+30

1135+37.818 P.O.T.
N 651724.346
E 2124432.785

1226+15.823 B.C.
N 660676.313
E 2122925.312

Δ = 25° 53' 36"
R = 1218.729
L = 550.771

1231+66.594 E.C.
N 661180.820
E 2122716.284

1237+32.342 B.C.
N 661641.680
E 2122388.138

Δ = 42° 14' 38"
R = 457.023
L = 336.961

1229+28.898 N 660968.772
15.182 LT E 2122820.617

1229+39.129 N 660968.345
38.156 LT E 2122795.562

NORTHBOUND PROFILE GRADE N.B.P.G.

163+42.796 E.C.
N 654530.809
E 2124014.543

176+71.433 P.I.
N 655840.999
E 2123793.913

225+88.988 B.C.
N 660686.916
E 2122957.590

Δ = 25° 39' 36"
R = 1252.329
L = 560.859

231+49.847 E.C.
N 661200.309
E 2122743.655

236+43.073 B.C.
N 661602.092
E 2122457.574

T. 1 N.
R. 26 E.
M.D.M.
SEC. 15

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