

Intersection: Ventura Ave at El Camino Real, Palo Alto, California

MapData payload size 563

```
payload=0012822F280B3019000003F400A5F92216113F1F500837014A0288BC44B00450000006400315EFF1C929EDBB9
495BE61D2593AC9E382CFD157E30A4250001121C400083004440000030001AB55352C121E253A978892B35C464974FE
C7E5A4E6B7BA2C0334000002900095FB301C10140A30E174D1E88F4C48EA1E95927E2902200064874000316021A0000
01000042F2B6F3172E1F10F5D08961E91128A090F800062C05340000020000C5CE4BA62E973A81E25144A2E813E1170
81E30A4420001820D000580C680000080012B71123411E21DB256FA3D98239458C2D240909100011C0742000002000
05564C154090F0B8E4FDC5B0079C110F800800001FA8E0421000001000022BE71B316F22158B990EA42221001000003
F51C094200000200004593A5902DC94251DB0D71C1111800800001FA96053A0000010000421D567619EAEA9C32F0DBA
8673BAF78241E00008B02DD000000800021160BB10CF7B58119706D62337C58D81211000045818E8000004000108E3A
23C67E3AB4910B6A84C471160E290980002086C001606BA000000A000490F968811E219E92AF83206DFF847F51DE290
240005488080028E074100000100002A748DBB0487867E8AAF0C8ED7A60881C00400000FCC703E0800000800011339E
4E0D00953718F1F02E1104800800001F98E08410000010000225C2B6B1A07AA8231A06128220B001000003F30411600
08300002A7B7D0011E216862390244880038104980020C0002BC1649241296121410009348C441222800200
```

gov.usdot.asn1.generated.j2735.dssrc.MessageFrame

```
value MessageFrame ::= {
  messageId 18,
  value MapData : {
    msgIssueRevision 11,
    layerType intersectionData,
    intersections {
      {
        id {
          region 0,
          id 1012
        },
        revision 0,
        refPoint {
          lat 374168364,
          long -1221301087,
          elevation 110
        },
        laneWidth 330,
        speedLimits {
          {
            type vehicleMaxSpeed,
            speed 559
          }
        },
        laneSet {
          {
            laneID 1,
            ingressApproach 1,
            laneAttributes {
              directionalUse {ingressPath},
              sharedWith {},
              laneType vehicle : {}
            },
            maneuvers {maneuverLeftAllowed, maneuverRightAllowed, maneuverRightTurnOnRedAllowed},
            nodeList nodes : {
              {
                delta node-XY3 : {
                  x 991,
                  y 1593
                }
              },
              {
                delta node-XY5 : {
                  x 2541,
                  y 3813
                }
              },
              {
                delta node-XY5 : {
                  x 2940,
                  y 4329
                }
              }
            }
          }
        }
      }
    }
  }
}
```

```

    }
  },
  {
    delta node-XY6 : {
      x 5036,
      y 7736
    }
  },
  {
    delta node-XY6 : {
      x 8098,
      y 12230
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 9,
      maneuver {maneuverLeftAllowed}
    },
    signalGroup 4
  },
  {
    connectingLane {
      lane 14,
      maneuver {maneuverRightAllowed}
    },
    signalGroup 4
  }
}
},
{
  laneID 2,
  egressApproach 2,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverLeftAllowed, maneuverRightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x 1364,
        y 1355
      },
      attributes {
        dWidth 30
      }
    },
    {
      delta node-XY5 : {
        x 2516,
        y 3857
      }
    },
    {
      delta node-XY5 : {
        x 2869,
        y 4377
      }
    },
    {
      delta node-XY5 : {
        x 3743,
        y 5695
      }
    }
  },

```

```

    {
      delta node-XY6 : {
        x 9446,
        y 14266
      }
    }
  },
  {
    laneID 3,
    ingressApproach 3,
    laneAttributes {
      directionalUse {ingressPath},
      sharedWith {},
      laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed, maneuverRightAllowed,
      maneuverRightTurnOnRedAllowed},
    nodeList nodes : {
      {
        delta node-XY3 : {
          x 2009,
          y 14
        },
        attributes {
          data {
            speedLimits : {
              {
                type vehicleMaxSpeed,
                speed 782
              }
            }
          }
        }
      }
    },
    {
      delta node-XY3 : {
        x 1690,
        y -1071
      }
    },
    {
      delta node-XY4 : {
        x 2658,
        y -1814
      }
    },
    {
      delta node-XY4 : {
        x 2646,
        y -1729
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 2,
        maneuver {maneuverRightAllowed}
      },
      signalGroup 6
    },
    {
      connectingLane {
        lane 14,
        maneuver {maneuverStraightAllowed}
      },
      signalGroup 6
    }
  }
}

```

```

    }
  },
  {
    laneID 4,
    ingressApproach 3,
    laneAttributes {
      directionalUse {ingressPath},
      sharedWith {},
      laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
      {
        delta node-XY3 : {
          x 1835,
          y -269
        }
      },
      {
        delta node-XY3 : {
          x 1628,
          y -1054
        }
      },
      {
        delta node-XY4 : {
          x 2792,
          y -1898
        }
      },
      {
        delta node-XY4 : {
          x 2628,
          y -1723
        }
      }
    },
    connectsTo {
      {
        connectingLane {
          lane 15,
          maneuver {maneuverStraightAllowed}
        },
        signalGroup 6
      }
    }
  },
  {
    laneID 5,
    ingressApproach 3,
    laneAttributes {
      directionalUse {ingressPath},
      sharedWith {},
      laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
      {
        delta node-XY3 : {
          x 1650,
          y -557
        }
      },
      {
        delta node-XY3 : {
          x 1687,
          y -1112
        }
      }
    },
  },

```

```

    {
      delta node-XY4 : {
        x 2196,
        y -1499
      }
    },
    {
      delta node-XY3 : {
        x 1665,
        y -1055
      }
    },
    {
      delta node-XY3 : {
        x 1552,
        y -1082
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 16,
        maneuver {maneuverStraightAllowed}
      },
      signalGroup 6
    },
    {
      connectingLane {
        lane 6,
        maneuver {maneuverStraightAllowed}
      }
    }
  }
},
{
  laneID 6,
  ingressApproach 3,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverUTurnAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x 1476,
        y -883
      },
      attributes {
        dWidth -30
      }
    },
    {
      delta node-XY4 : {
        x 1737,
        y -1155
      }
    },
    {
      delta node-XY4 : {
        x 2864,
        y -1819
      }
    },
    {
      delta node-XY3 : {
        x 1121,

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        y -366
    }
}
},
connectsTo {
    {
        connectingLane {
            lane 9,
            maneuver {maneuverUTurnAllowed}
        },
        signalGroup 1
    }
}
},
{
    laneID 7,
    egressApproach 4,
    laneAttributes {
        directionalUse {egressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x 806,
                y -1878
            },
            attributes {
                dWidth 30
            }
        },
        {
            delta node-XY3 : {
                x 1593,
                y -1033
            }
        },
        {
            delta node-XY3 : {
                x 1408,
                y -1074
            }
        }
    },
    connectsTo {
        {
            connectingLane {
                lane 15,
                maneuver {maneuverStraightAllowed}
            },
            remoteIntersection {
                region 0,
                id 1013
            }
        }
    }
}
},
{
    laneID 8,
    egressApproach 4,
    laneAttributes {
        directionalUse {egressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {

```

```

    {
      delta node-XY3 : {
        x 999,
        y -1613
      }
    },
    {
      delta node-XY3 : {
        x 1508,
        y -981
      }
    },
    {
      delta node-XY3 : {
        x 1636,
        y -1111
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 16,
        maneuver {maneuverStraightAllowed}
      },
      remoteIntersection {
        region 0,
        id 1013
      }
    }
  }
},
{
  laneID 9,
  egressApproach 4,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x 1181,
        y -1336
      }
    },
    {
      delta node-XY3 : {
        x 1481,
        y -987
      }
    },
    {
      delta node-XY4 : {
        x 1731,
        y -1138
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 17,
        maneuver {maneuverStraightAllowed}
      },
      remoteIntersection {
        region 0,

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```

        id 1013
    }
}
},
{
    laneID 10,
    ingressApproach 7,
    laneAttributes {
        directionalUse {ingressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x -1579,
                y -394
            }
        },
        {
            delta node-XY4 : {
                x -2133,
                y 1358
            }
        },
        {
            delta node-XY4 : {
                x -2591,
                y 1770
            }
        },
        {
            delta node-XY4 : {
                x -2245,
                y 1519
            }
        }
    },
    connectsTo {
        {
            connectingLane {
                lane 7,
                maneuver {maneuverStraightAllowed}
            },
            signalGroup 2
        }
    }
},
{
    laneID 11,
    ingressApproach 7,
    laneAttributes {
        directionalUse {ingressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x -1343,
                y -158
            }
        },
        {
            delta node-XY4 : {
                x -2115,

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```

        y 1409
    }
},
{
    delta node-XY4 : {
        x -2623,
        y 1713
    }
},
{
    delta node-XY4 : {
        x -2312,
        y 1590
    }
}
},
connectsTo {
    {
        connectingLane {
            lane 8,
            maneuver {maneuverStraightAllowed}
        },
        signalGroup 2
    }
}
},
{
    laneID 12,
    ingressApproach 7,
    laneAttributes {
        directionalUse {ingressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x -1138,
                y 143
            }
        },
        {
            delta node-XY4 : {
                x -2077,
                y 1385
            }
        },
        {
            delta node-XY5 : {
                x -3914,
                y 2579
            }
        },
        {
            delta node-XY3 : {
                x -1144,
                y 775
            }
        }
    }
},
connectsTo {
    {
        connectingLane {
            lane 9,
            maneuver {maneuverStraightAllowed}
        },
        signalGroup 2
    }
},

```

```

    {
      connectingLane {
        lane 13,
        maneuver {maneuverStraightAllowed}
      }
    }
  },
  {
    laneID 13,
    ingressApproach 7,
    laneAttributes {
      directionalUse {ingressPath},
      sharedWith {},
      laneType vehicle : {}
    },
    maneuvers {maneuverLeftAllowed, maneuverUTurnAllowed},
    nodeList nodes : {
      {
        delta node-XY2 : {
          x -900,
          y 418
        },
        attributes {
          dWidth -30
        }
      },
      {
        delta node-XY4 : {
          x -2140,
          y 1404
        }
      },
      {
        delta node-XY4 : {
          x -3059,
          y 2046
        }
      },
      {
        delta node-XY3 : {
          x -1030,
          y 239
        }
      }
    },
    connectsTo {
      {
        connectingLane {
          lane 2,
          maneuver {maneuverLeftAllowed}
        },
        signalGroup 5
      },
      {
        connectingLane {
          lane 16,
          maneuver {maneuverUTurnAllowed}
        },
        signalGroup 5
      }
    }
  },
  {
    laneID 14,
    egressApproach 8,
    laneAttributes {
      directionalUse {egressPath},
      sharedWith {},

```

```

    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x -184,
        y 1467
      },
      attributes {
        dWidth 30
      }
    },
    {
      delta node-XY4 : {
        x -2072,
        y 1374
      }
    },
    {
      delta node-XY4 : {
        x -2954,
        y 1958
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 3,
        maneuver {maneuverStraightAllowed}
      },
      remoteIntersection {
        region 0,
        id 1011
      }
    }
  }
},
{
  laneID 15,
  egressApproach 8,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x -397,
        y 1180
      }
    },
    {
      delta node-XY4 : {
        x -2044,
        y 1335
      }
    },
    {
      delta node-XY4 : {
        x -3129,
        y 2071
      }
    }
  },
  connectsTo {

```

```

    {
      connectingLane {
        lane 4,
        maneuver {maneuverStraightAllowed}
      },
      remoteIntersection {
        region 0,
        id 1011
      }
    }
  },
  {
    laneID 16,
    egressApproach 8,
    laneAttributes {
      directionalUse {egressPath},
      sharedWith {},
      laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
      {
        delta node-XY3 : {
          x -574,
          y 875
        }
      },
      {
        delta node-XY4 : {
          x -2018,
          y 1345
        }
      },
      {
        delta node-XY4 : {
          x -3264,
          y 2122
        }
      }
    },
    connectsTo {
      {
        connectingLane {
          lane 5,
          maneuver {maneuverStraightAllowed}
        },
        remoteIntersection {
          region 0,
          id 1011
        }
      }
    }
  },
  {
    laneID 17,
    laneAttributes {
      directionalUse {ingressPath, egressPath},
      sharedWith {},
      laneType crosswalk : {hasPushToWalkButton, audioSupport}
    },
    nodeList nodes : {
      {
        delta node-XY3 : {
          x 493,
          y 1856
        },
        attributes {
          dWidth -30
        }
      }
    }
  }
}

```

