

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

MapData payload size 577

```
payload=0012823D28093119000003F400A5F92216113F1F500837014A0288BC04B00450000006400315EFF1C929EDBB9
495BE61D2593AC9E382CFD157E30A4250001121C400083004440000040001AB55352C121E253A978892B35C464974FE
C7E5A4E6B7BA32000007E8054BF2442C227E3EA0106E02D0051870696019A000001480022FD980E174D1E88F6728E41
48110003243A00018B010D000000800011795B798B970F887B3845C0243E00018B014D0000008000117392E98BA5CEA
07AF84700244200018B018D0000001000156E2246823C43B64ADF47B304728242440004701D08000008000115930550
B8E4FDC7BEA3F98443E002000007EA38108400000400008AF9C6CC5BC88563E2C9EB02221001000003F51C094200000
200004593A5902DC94251F1ECF821111800800001FA96053A0000010000421D567619EAEA9C32F0DBA8673BAF78241E
00008B02DD000000800021160BB10CF7B58119706D62337C58D81211000045818E8000004000108E3A23C67E3AB48CB
296C619AAACA80909800022C0D740000014000521F2D1023C433D255F0640DBFF0A409000152202000A381D04000004
000109D236EC67E8AAF0CCA564B19EBAB261103800800001F98E07C1000001000042673C9C1A012A6E32F85AC06807A
A484412002000007E638210400000400010970ADAC681EAA08CC2765119E82B661105800800001F991000003F404A5F
92216113F1F500837014A012411960008300000A7B7D005A188E40912200062412A6000830000AF05924904A5848504
0024D23110488A000400
```

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

```
value MessageFrame ::= {
  messageId 18,
  value MapData : {
    msgIssueRevision 9,
    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 {maneuverStraightAllowed},
  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
      }
    }
  }
}
},
{
  id {
    region 0,
    id 1012
  },
  revision 1,
  refPoint {
    lat 374168364,
    long -1221301087,
    elevation 110
  },
  laneWidth 360,
  speedLimits {
    {
      type vehicleMaxSpeed,
      speed 782
    }
  },
  laneSet {
    {
      laneID 3,
      ingressApproach 3,
      laneAttributes {
        directionalUse {ingressPath},
        sharedWith {},
        laneType vehicle : {}
      },
      maneuvers {maneuverStraightAllowed, maneuverRightAllowed,
        maneuverRightTurnOnRedAllowed},
      nodeList nodes : {
        {
          delta node-XY3 : {
            x 2009,
            y 14
          }
        },
        {
          delta node-XY3 : {
            x 1690,
            y -1071
          }
        },
        {
          delta node-XY4 : {
            x 2873,
            y -1820
          }
        }
      }
    }
  },

```

```

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 2872,
        y -1864
      }
    }
  },
  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 2808,
        y -1824
      }
    }
  },
connectsTo {
  {
    connectingLane {
      lane 16,
      maneuver {maneuverStraightAllowed}
    },
    signalGroup 6
  }
}
},
{
  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
      }
    }
  },
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
      }
    },
    {
      delta node-XY3 : {
        x 1593,
        y -1033
      }
    },
    {
      delta node-XY4 : {
        x 3050,
        y -2061
      }
    }
  },
  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,

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```

        y -981
    }
},
{
    delta node-XY4 : {
        x 3161,
        y -2132
    }
}
},
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 3195,
                y -2111
            }
        }
    }
},
connectsTo {
    {
        connectingLane {
            lane 17,
            maneuver {maneuverStraightAllowed}
        },
        remoteIntersection {
            region 0,
            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,
        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-XY4 : {
        x -2668,
        y 1734
      }
    },
    {
      delta node-XY4 : {
        x -2390,
        y 1620
      }
    }
  }
},
  connectsTo {
    {
      connectingLane {
        lane 9,
        maneuver {maneuverStraightAllowed}
      },
      signalGroup 2
    }
  }
}

```

```

    }
  },
  {
    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
        }
      }
    },
    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
        }
      }
    }
  }
}

```

```

    },
    {
      delta node-XY4 : {
        x -2072,
        y 1374
      }
    },
    {
      delta node-XY4 : {
        x -2478,
        y 1611
      }
    },
    {
      delta node-XY4 : {
        x -2130,
        y 1427
      }
    }
  },
  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 -2576,
        y 1712
      }
    },
    {
      delta node-XY4 : {
        x -2041,
        y 1353
      }
    }
  }
}

```

```

    }
  },
  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 -2541,
        y 1617
      }
    },
    {
      delta node-XY4 : {
        x -2144,
        y 1459
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 5,
        maneuver {maneuverStraightAllowed}
      },
      remoteIntersection {
        region 0,
        id 1011
      }
    }
  }
}
},
{

```

```

id {
  region 0,
  id 1012
},
revision 2,
refPoint {
  lat 374168364,
  long -1221301087,
  elevation 110
},
laneWidth 330,
laneSet {
  {
    laneID 17,
    ingressApproach 9,
    laneAttributes {
      directionalUse {ingressPath, egressPath},
      sharedWith {},
      laneType crosswalk : {hasPushToWalkButton, audioSupport}
    },
    nodeList nodes : {
      {
        delta node-XY3 : {
          x 493,
          y 1856
        }
      },
      {
        delta node-XY3 : {
          x 1292,
          y -910
        }
      }
    },
    connectsTo {
      {
        connectingLane {
          lane 18,
          maneuver {maneuverRightAllowed}
        },
        signalGroup 6
      }
    }
  },
  {
    laneID 18,
    ingressApproach 10,
    laneAttributes {
      directionalUse {ingressPath, egressPath},
      sharedWith {},
      laneType crosswalk : {hasPushToWalkButton, audioSupport}
    },
    nodeList nodes : {
      {
        delta node-XY4 : {
          x 2092,
          y 585
        },
        attributes {
          dWidth 150
        }
      },
      {
        delta node-XY3 : {
          x -984,
          y -1536
        }
      }
    }
  }
}

```

```
    }
  },
  {
    delta node-XY3 : {
      x -814,
      y -1263
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 17,
      maneuver {maneuverLeftAllowed}
    },
    signalGroup 8
  }
}
}
}
}
}
```