

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

MapData payload size 555

```
payload=0012822728093119000003F300A5F93163113F02388837014A0288BC04B0045000000640031587784129E0BAB
8B24AF3792595A8A09E2CE3655A48A4250001121C4000830044400000400018B07797894D2DD765926E9BAF2CAE5D06
51671E2AB6CC800001F98152FC98B1889F811C441B80B401461C1A58066800000520008B41679C779C58C8F82080014
8110003243A00018B010D000000800011614C5C0EF5AAFD1F069042090F800062C0534000002000043DE1D28EF26B07
1F02901C0910800062C0634000000400053AFD44823C43BB02BE07BA04330242440004701D08000008000114249238F
0B2A961E5F1392110A800800001FA0E04210000010000228CC3731E1D55243CBC27382217001000003F41C094200000
20000435E84E8F07EAA11E5DD3BC110C800800001FA16053A0000010000423015672122F7820CA8173B1958EDFA0907
800022C0B7400000200008473CD3A424D2F08194BEE7E32D85B301211000045818E800000400010421BD6212C97838C
A37713196E6DAC0909800022C0D7400000140005234A93823C4217DC471A472902290240005488080028E0741000001
00004273CDFD213CB70D8CA3971A1993ECAE1103800800001F90E07C100000100004267BC67213EF7320CA2D73E1991
AD021104800800001F90E08410000010000413B7D4084D95CBA32865D206623B3D04416002000007E44400000FCC129
7E4C58C44FC08E220DC0528009047180020C000222D034415847448AA5B5F8122220008
```

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

```
value MessageFrame ::= {
  messageId 18,
  value MapData : {
    msgIssueRevision 9,
    layerType intersectionData,
    intersections {
      {
        id {
          region 0,
          id 1011
        },
        revision 0,
        refPoint {
          lat 374176198,
          long -1221315982,
          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 782,
                  y 1800
                }
              },
              {
                delta node-XY5 : {
                  x 2528,
                  y 3758
                }
              },
              {

```

```

    delta node-XY6 : {
      x 4695,
      y 7113
    }
  },
  {
    delta node-XY6 : {
      x 5544,
      y 8350
    }
  },
  {
    delta node-XY6 : {
      x 7276,
      y 11081
    }
  }
},
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 1053,
        y 1630
      }
    },
    {
      delta node-XY5 : {
        x 2469,
        y 3771
      }
    },
    {
      delta node-XY6 : {
        x 4718,
        y 7087
      }
    },
    {
      delta node-XY6 : {
        x 5579,

```

```

        y 8394
    }
},
{
    delta node-XY6 : {
        x 7288,
        y 10971
    }
}
}
}
},
{
    id {
        region 0,
        id 1011
    },
    revision 1,
    refPoint {
        lat 374176198,
        long -1221315982,
        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 1285,
                        y 487
                    }
                },
                {
                    delta node-XY4 : {
                        x 1948,
                        y -1255
                    }
                },
                {
                    delta node-XY4 : {
                        x 3088,
                        y -2048
                    }
                }
            },
            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 1065,
                y 184
            }
        },
        {
            delta node-XY4 : {
                x 1965,
                y -1283
            }
        },
        {
            delta node-XY4 : {
                x 3098,
                y -2015
            }
        }
    },
    connectsTo {
        {
            connectingLane {
                lane 15,
                maneuver {maneuverStraightAllowed}
            },
            signalGroup 6
        }
    }
},
{
    laneID 5,
    ingressApproach 3,
    laneAttributes {
        directionalUse {ingressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
        {
            delta node-XY2 : {
                x 888,
                y -91
            }
        }
    }
}
```

```

    }
  },
  {
    delta node-XY4 : {
      x 1939,
      y -1273
    }
  },
  {
    delta node-XY4 : {
      x 3082,
      y -2034
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 16,
      maneuver {maneuverStraightAllowed}
    },
    signalGroup 6
  }
}
},
{
  laneID 6,
  ingressApproach 3,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverUTurnAllowed},
  nodeList nodes : {
    {
      delta node-XY2 : {
        x 703,
        y -375
      },
      attributes {
        dWidth -30
      }
    },
    {
      delta node-XY4 : {
        x 1888,
        y -1288
      }
    },
    {
      delta node-XY4 : {
        x 2976,
        y -1946
      }
    }
  }
},
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 73,
        y -1465
      }
    },
    {
      delta node-XY4 : {
        x 2137,
        y -1386
      }
    },
    {
      delta node-XY4 : {
        x 2428,
        y -1591
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 10,
        maneuver {maneuverStraightAllowed}
      },
      remoteIntersection {
        region 0,
        id 1012
      }
    }
  }
},
{
  laneID 8,
  egressApproach 4,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x 204,
        y -1165
      }
    },
    {
      delta node-XY4 : {
        x 2165,
        y -1390
      }
    }
  },
  {

```

```

    delta node-XY4 : {
      x 2424,
      y -1586
    }
  },
connectsTo {
  {
    connectingLane {
      lane 11,
      maneuver {maneuverStraightAllowed}
    },
    remoteIntersection {
      region 0,
      id 1012
    }
  }
}
},
{
  laneID 9,
  egressApproach 4,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY2 : {
        x 378,
        y -867
      }
    },
    {
      delta node-XY4 : {
        x 2111,
        y -1375
      }
    },
    {
      delta node-XY4 : {
        x 2423,
        y -1570
      }
    }
  },
connectsTo {
  {
    connectingLane {
      lane 12,
      maneuver {maneuverStraightAllowed}
    },
    remoteIntersection {
      region 0,
      id 1012
    }
  }
}
},
{
  laneID 10,
  ingressApproach 7,
  laneAttributes {
    directionalUse {ingressPath},

```

```

    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x -1279,
        y -665
      }
    },
    {
      delta node-XY5 : {
        x -5865,
        y 3844
      }
    },
    {
      delta node-XY4 : {
        x -2752,
        y 1851
      }
    },
    {
      delta node-XY4 : {
        x -2717,
        y 1789
      }
    }
  },
  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 -1122,
        y -355
      }
    },
    {
      delta node-XY5 : {
        x -5836,
        y 3848
      }
    },
    {
      delta node-XY4 : {
        x -2769,
        y 1855
      }
    }
  }
}

```



```

    }
  },
  {
    delta node-XY4 : {
      x -2640,
      y 1740
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 8,
      maneuver {maneuverStraightAllowed}
    },
    signalGroup 2
  }
}
},
{
  laneID 12,
  ingressApproach 7,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY2 : {
        x -957,
        y -42
      }
    },
    {
      delta node-XY5 : {
        x -5788,
        y 3847
      }
    },
    {
      delta node-XY4 : {
        x -2789,
        y 1811
      }
    },
    {
      delta node-XY4 : {
        x -2631,
        y 1750
      }
    }
  }
},
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 -814,
      y 295
    },
    attributes {
      dWidth -30
    }
  },
  {
    delta node-XY3 : {
      x -1667,
      y 1095
    }
  },
  {
    delta node-XY4 : {
      x -1764,
      y 1153
    }
  }
},
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 -196,
        y 1533
      }
    },
    {
      delta node-XY5 : {
        x -5659,

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```

        y 3611
    }
},
{
    delta node-XY4 : {
        x -2788,
        y 1818
    }
},
{
    delta node-XY4 : {
        x -2481,
        y 1623
    }
}
},
connectsTo {
    {
        connectingLane {
            lane 3,
            maneuver {maneuverStraightAllowed}
        },
        remoteIntersection {
            region 0,
            id 1010
        }
    }
}
},
{
    laneID 15,
    egressApproach 8,
    laneAttributes {
        directionalUse {egressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x -389,
                y 1127
            }
        },
        {
            delta node-XY5 : {
                x -5641,
                y 3684
            }
        },
        {
            delta node-XY4 : {
                x -2794,
                y 1854
            }
        },
        {
            delta node-XY4 : {
                x -2490,
                y 1665
            }
        }
    }
},
connectsTo {
    {

```

```

        connectingLane {
            lane 4,
            maneuver {maneuverStraightAllowed}
        },
        remoteIntersection {
            region 0,
            id 1010
        }
    }
},
{
    laneID 16,
    egressApproach 8,
    laneAttributes {
        directionalUse {egressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
        {
            delta node-XY2 : {
                x -549,
                y 848
            }
        },
        {
            delta node-XY5 : {
                x -5710,
                y 3677
            }
        },
        {
            delta node-XY4 : {
                x -2804,
                y 1864
            }
        },
        {
            delta node-XY4 : {
                x -2525,
                y 1658
            }
        }
    },
    connectsTo {
        {
            connectingLane {
                lane 5,
                maneuver {maneuverStraightAllowed}
            },
            remoteIntersection {
                region 0,
                id 1010
            }
        }
    }
},
{
    id {
        region 0,
        id 1011
    },

```

```
revision 2,
refPoint {
  lat 374176198,
  long -1221315982,
  elevation 110
},
laneWidth 330,
laneSet {
  {
    laneID 17,
    ingressApproach 12,
    laneAttributes {
      directionalUse {ingressPath, egressPath},
      sharedWith {},
      laneType crosswalk : {hasPushToWalkButton, audioSupport}
    },
    nodeList nodes : {
      {
        delta node-XY3 : {
          x -1328,
          y -1212
        }
      },
      {
        delta node-XY3 : {
          x 776,
          y 1673
        }
      },
      {
        delta node-XY3 : {
          x 662,
          y 1406
        }
      }
    },
    connectsTo {
      {
        connectingLane {
          lane 17,
          maneuver {maneuverUTurnAllowed}
        },
        signalGroup 4
      }
    }
  }
}
}
```