

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

MapData payload size 597

```
payload=00128251280B3019000003F300A5F93163113F02388837014A0288BC48B0045000000640031587784129E0BAB
8B24AF3792595A8A09E2CE3655A48A4250001121C4000830044400000300018B07797894D2DD765926E9BAF2CAE5D06
51671E2AB6CB00CD000000A40015682CF38605028C3A1E1DE716324CA1D3C8148110003243A00018B010D0000008000
11614C5C0EF5AAFD263D4A1F0243E00018B014D000000800020F7874A3BC9AC1C96E42D9A2BCF586148840003041A00
0B018D000000100024EBF51208F10EEC0AF81EE810CC1E28E48121220002380E840000040000AA12491C121E1E16552
C3CBE27242215001000003F41C08420000020000451986E63C3AAA4879784E70442E002000007E83812840000040000
86BD09D1E0FD5423CBBA7782219001000003F42C0A74000002000084602ACE4200F02D19952C2432B1DBF4120F00004
5816E8000004000108E79A74840BDFFC3326592465B0B660242200008B031D0000008000308437AC4404EAA71A082A4
E3326593065B9B6B0A4260000821B000581AE8000002800124695270478842FB88E348E520423AE470A409000152202
000A381D04000004000129CF37F4121E211017698CD036621993ECAE1103800800001F90E07C100000100004267BC67
210E57BB8CD3762B1991AD021104800800001F90E08410000010000613B7D40636FC110CA0574119936C843311D9E86
20B001000003F2088C000E08C100000020002C452AB720478825DE080CD81625008608002093000418000445A06882B
08E89154B6BF0244840030004D8002000002561358BAE158FEAE0AF037E0
```

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

```
value MessageFrame ::= {
  messageId 18,
  value MapData : {
    msgIssueRevision 11,
    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 {maneuverLeftAllowed, maneuverRightAllowed},
    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
    }
}
},
{
    laneID 3,
    ingressApproach 3,
    laneAttributes {
        directionalUse {ingressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed, maneuverRightAllowed,
        maneuverRightTurnOnRedAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x 1285,
                y 487
            },
            attributes {
                data {
                    speedLimits : {
                        {
                            type vehicleMaxSpeed,
                            speed 782
                        }
                    }
                },
                dWidth 30
            }
        },
        {
            delta node-XY4 : {
                x 1948,
                y -1255
            }
        },
        {
            delta node-XY5 : {
                x 4743,
                y -3128
            }
        }
    },
    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-XY5 : {
        x 4586,
        y -3010
      }
    }
  },
  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-XY5 : {
        x 3528,
        y -2355
      }
    },
    {
      delta node-XY3 : {
        x 975,
        y -634
      }
    }
  }
},

```

```

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-XY2 : {
        x 703,
        y -375
      },
      attributes {
        dWidth -30
      }
    },
    {
      delta node-XY4 : {
        x 1888,
        y -1288
      }
    },
    {
      delta node-XY4 : {
        x 2976,
        y -1946
      }
    },
    {
      delta node-XY2 : {
        x 788,
        y -110
      }
    }
  },
  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
      },
      attributes {
        dWidth 30
      }
    },
    {
      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 -6141,
      y 4141
    }
  },
  {
    delta node-XY4 : {
      x -2476,
      y 1554
    }
  },
  {
    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 -6121,
        y 4094
      }
    },
    {
      delta node-XY4 : {
        x -2484,
        y 1609
      }
    },
    {
      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 -4077,
                y 2727
            }
        },
        {
            delta node-XY4 : {
                x -2016,
                y 1319
            }
        },
        {
            delta node-XY4 : {
                x -2484,
                y 1612
            }
        },
        {
            delta node-XY4 : {
                x -2631,
                y 1750
            }
        }
    },
    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 -814,
        y 295
      },
      attributes {
        dWidth -30
      }
    },
    {
      delta node-XY3 : {
        x -1667,
        y 1095
      }
    },
    {
      delta node-XY4 : {
        x -1764,
        y 1153
      }
    },
    {
      delta node-XY2 : {
        x -789,
        y 142
      }
    }
  },
  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
        },
        attributes {
          dWidth 30
        }
      }
    },
  },

```

```

    {
      delta node-XY5 : {
        x -6016,
        y 3795
      }
    },
    {
      delta node-XY4 : {
        x -2431,
        y 1634
      }
    },
    {
      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 -6030,
        y 3959
      }
    },
    {
      delta node-XY4 : {
        x -2405,
        y 1579
      }
    },
    {
      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-XY4 : {
                x -3217,
                y 2082
            }
        },
        {
            delta node-XY4 : {
                x -2814,
                y 1857
            }
        },
        {
            delta node-XY4 : {
                x -2483,
                y 1602
            }
        },
        {
            delta node-XY4 : {
                x -2525,
                y 1658
            }
        }
    },
    connectsTo {
        {
            connectingLane {
                lane 5,
                maneuver {maneuverStraightAllowed}
            },
            remoteIntersection {
                region 0,
                id 1010
            }
        },
        {
            connectingLane {
                lane 17,
                maneuver {maneuverStraightAllowed}
            }
        }
    }
}

```

```

    }
  },
  {
    laneID 17,
    egressApproach 8,
    laneAttributes {
      directionalUse {egressPath},
      sharedWith {},
      laneType vehicle : {}
    },
    maneuvers {maneuverUTurnAllowed},
    nodeList nodes : {
      {
        delta node-XY5 : {
          x -3766,
          y 2930
        },
        attributes {
          dWidth -30
        }
      },
      {
        delta node-XY2 : {
          x -649,
          y 16
        }
      },
      {
        delta node-XY4 : {
          x -2368,
          y 1573
        }
      }
    },
    connectsTo {
      {
        connectingLane {
          lane 12,
          maneuver {maneuverUTurnAllowed}
        }
      }
    }
  },
  {
    laneID 18,
    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 18,
      maneuver {maneuverUTurnAllowed}
    },
    signalGroup 12
  }
},
{
  laneID 19,
  laneAttributes {
    directionalUse {ingressPath, egressPath},
    sharedWith {},
    laneType crosswalk : {}
  },
  nodeList nodes : {
    {
      delta node-XY6 : {
        x -7883,
        y 2990
      }
    },
    {
      delta node-XY3 : {
        x 799,
        y 1372
      }
    },
    {
      delta node-XY3 : {
        x 960,
        y 1528
      }
    }
  }
}
}
}
}
}
}
```