

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

MapData payload size 900

```
payload=0012838028093119000003F600A5F8C3EE913F8A61084B014A0288BC14B0045000000A40021CCB711218B3D18
4CA7A683680EED4521B00008912200042C02140000010000C745DB5D0A0C74944C6DBC4360B6BDC8D036244090A4000
7180322000002000115D0D5F8090F0A0E74744E5D9C02630D761B09B564466DB13F2C0B540000029000D6B864890243
C242346C12CFA5D8958CBEC492C8482903800084841000416062A0000008000CA2842C60487847505AC35DA20A04AC2
72844BE48052B128A44495B11D6E48AD990B87E091440003180D620000020001941FE9DA090F08F585846BD043E8951
CB88898E10DE5624A48442B61DADA015B05575E4C800001FB0152FC61F7489FC530842580B401461C1A580868000005
20008BD3D38C747B43E0EB107C6148190003244A00018B014D0000008000117161FD0E98488A1D524FF80913800062C
0634000002000045A1E6123A5A22F8750F3E78245200018B01CD000000500015600927023C43A77A0D4769E3138A428
4000521A8000238108400000400008E0846FE1D3BD1363A35A3682231001000003F71C09420000020000471503EF8E9
AA8981D31110C1119800800001FB8E0521000001000022A540E41D3D91003A6DA06C2235001000003F72C0E74000002
9001841554AC451832392248BA9590F12E9B8683DE040D62D75F22CE16C50D2718FF148440001243480008B03DD0000
008000610E35C291463C78489136AEC43C53A331A11B7FA3585DD708B40DA9E34A0648C1213000045820E8000004000
308AA32AC8A68630E4489354721DCDD1D0D09BC231AC3EEDE45996D591A4E7206090A800022C1174000001400054745
B1E08F108F87A046AB6C110A40D000152282000A38250400000400030DE678E8229B18EC912C7D19C877873F0342472
AC6B35B45115F3B9506961C4A8441600200007EA38270400000400030DC8B81822985898912BBD2648778F4C833F5F
26C4729D4645746E2D1A5271E21106800800001FA8E0A410000010000C2542F22229B98909128FD3D88778F4F233F97
1586B8CB58915D0B820693AC7E0441E002000007EA4400000FD81297E30FBA44FE2984212C05280C9056580020C0000
38EE66FC761A3358A458800192308000C482D4C0010600011E169D2E22AC34511832140A4550002122E40010482F6C0
010600001B830C0834C1684C522C80004918200022418C60008300008CF1D017168FEEF0B176FA8522A400089174000
4
```

gov.usdot.asn1.generated.j2735.dsrc.MessageFrame

```
value MessageFrame ::= {
  messageId 18,
  value MapData : {
    msgIssueRevision 9,
    layerType intersectionData,
    intersections {
      {
        id {
          region 0,
          id 1014
        },
        revision 0,
        refPoint {
          lat 374120157,
          long -1221246269,
          elevation 150
        },
        laneWidth 330,
        speedLimits {
          {
            type vehicleMaxSpeed,
            speed 559
          }
        },
        laneSet {
          {
            laneID 1,
            ingressApproach 1,
            laneAttributes {
              directionalUse {ingressPath},
              sharedWith {},
              laneType vehicle : {}
            },
            maneuvers {maneuverStraightAllowed, maneuverRightAllowed,
              maneuverRightTurnOnRedAllowed},
            nodeList nodes : {
              {
                delta node-XY4 : {
                  x 813,
                  y 2185
                }
              }
            }
          }
        }
      }
    }
  }
}
```

```

    }
  },
  {
    delta node-XY2 : {
      x 89,
      y 838
    }
  },
  {
    delta node-XY3 : {
      x -429,
      y 1332
    }
  },
  {
    delta node-XY4 : {
      x -767,
      y 2997
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 13,
      maneuver {maneuverStraightAllowed}
    },
    signalGroup 4
  },
  {
    connectingLane {
      lane 18,
      maneuver {maneuverRightAllowed}
    },
    signalGroup 4
  }
}
},
{
  laneID 2,
  ingressApproach 1,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverLeftAllowed},
  nodeList nodes : {
    {
      delta node-XY4 : {
        x 1117,
        y 1722
      }
    },
    {
      delta node-XY3 : {
        x 49,
        y 1317
      }
    },
    {
      delta node-XY3 : {
        x -458,
        y 1506
      }
    }
  },

```

```

    {
      delta node-XY4 : {
        x -1002,
        y 2807
      }
    },
    {
      delta node-XY5 : {
        x -1530,
        y 4386
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 10,
        maneuver {maneuverLeftAllowed}
      },
      signalGroup 7
    }
  }
},
{
  laneID 3,
  egressApproach 2,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x 1670,
        y 764
      },
      attributes {
        dWidth 30
      }
    },
    {
      delta node-XY3 : {
        x 57,
        y 1309
      }
    },
    {
      delta node-XY3 : {
        x -210,
        y 1248
      }
    },
    {
      delta node-XY3 : {
        x -464,
        y 1398
      }
    },
    {
      delta node-XY4 : {
        x -986,
        y 2738
      }
    }
  },
},

```

```

    {
      delta node-XY5 : {
        x -1610,
        y 4415
      }
    }
  },
  {
    laneID 11,
    ingressApproach 5,
    laneAttributes {
      directionalUse {ingressPath},
      sharedWith {},
      laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed, maneuverRightAllowed,
      maneuverRightTurnOnRedAllowed},
    nodeList nodes : {
      {
        delta node-XY4 : {
          x -1146,
          y -1774
        },
        attributes {
          dWidth 30
        }
      },
      {
        delta node-XY3 : {
          x -989,
          y -916
        }
      },
      {
        delta node-XY3 : {
          x -609,
          y -837
        }
      },
      {
        delta node-XY3 : {
          x -669,
          y -1285
        }
      },
      {
        delta node-XY3 : {
          x -874,
          y -988
        }
      }
    },
    connectsTo {
      {
        connectingLane {
          lane 3,
          maneuver {maneuverStraightAllowed}
        },
        signalGroup 8
      },
      {
        connectingLane {
          lane 8,
          maneuver {maneuverRightAllowed}
        },
      },

```

```

        signalGroup 8
    }
}
},
{
    laneID 12,
    ingressApproach 5,
    laneAttributes {
        directionalUse {ingressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverLeftAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x -1404,
                y -1338
            },
            attributes {
                dWidth 30
            }
        },
        {
            delta node-XY3 : {
                x -1112,
                y -1322
            }
        },
        {
            delta node-XY4 : {
                x -1100,
                y -2008
            }
        },
        {
            delta node-XY3 : {
                x -671,
                y -1132
            }
        },
        {
            delta node-XY5 : {
                x -3335,
                y -6139
            }
        },
        {
            delta node-XY6 : {
                x -7599,
                y -14199
            }
        },
        {
            delta node-XY6 : {
                x -5049,
                y -9326
            }
        },
        {
            delta node-XY6 : {
                x -4920,
                y -9153
            }
        }
    },
},

```

```

connectsTo {
  {
    connectingLane {
      lane 20,
      maneuver {maneuverLeftAllowed}
    },
    signalGroup 3
  }
},
{
  laneID 13,
  egressApproach 6,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x -1793,
        y -787
      },
      attributes {
        dWidth 30
      }
    },
    {
      delta node-XY3 : {
        x -1066,
        y -1695
      }
    },
    {
      delta node-XY4 : {
        x -1072,
        y -1923
      }
    },
    {
      delta node-XY3 : {
        x -697,
        y -1310
      }
    },
    {
      delta node-XY5 : {
        x -3300,
        y -6033
      }
    },
    {
      delta node-XY6 : {
        x -7606,
        y -14268
      }
    },
    {
      delta node-XY6 : {
        x -5061,
        y -9408
      }
    },
  },
}

```

```

        delta node-XY6 : {
            x -5099,
            y -8839
        }
    }
}
},
{
    id {
        region 0,
        id 1014
    },
    revision 1,
    refPoint {
        lat 374120157,
        long -1221246269,
        elevation 150
    },
    laneWidth 360,
    speedLimits {
        {
            type vehicleMaxSpeed,
            speed 782
        }
    },
    laneSet {
        {
            laneID 4,
            ingressApproach 3,
            laneAttributes {
                directionalUse {ingressPath},
                sharedWith {},
                laneType vehicle : {}
            },
            maneuvers {maneuverStraightAllowed, maneuverRightAllowed,
                maneuverRightTurnOnRedAllowed},
            nodeList nodes : {
                {
                    delta node-XY3 : {
                        x 1871,
                        y -797
                    }
                },
                {
                    delta node-XY4 : {
                        x 1147,
                        y -1924
                    }
                },
                {
                    delta node-XY4 : {
                        x 1416,
                        y -2106
                    }
                }
            },
            connectsTo {
                {
                    connectingLane {
                        lane 3,
                        maneuver {maneuverRightAllowed}
                    },
                    signalGroup 6
                },
            },

```

```

    {
      connectingLane {
        lane 18,
        maneuver {maneuverStraightAllowed}
      },
      signalGroup 6
    }
  },
  {
    laneID 5,
    ingressApproach 3,
    laneAttributes {
      directionalUse {ingressPath},
      sharedWith {},
      laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
      {
        delta node-XY3 : {
          x 1580,
          y -1030
        }
      },
      {
        delta node-XY4 : {
          x 1218,
          y -1910
        }
      },
      {
        delta node-XY4 : {
          x 1353,
          y -2052
        }
      }
    },
    connectsTo {
      {
        connectingLane {
          lane 19,
          maneuver {maneuverStraightAllowed}
        },
        signalGroup 6
      }
    }
  },
  {
    laneID 6,
    ingressApproach 3,
    laneAttributes {
      directionalUse {ingressPath},
      sharedWith {},
      laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
      {
        delta node-XY3 : {
          x 1295,
          y -1271
        }
      },
      {
        delta node-XY4 : {

```



```

        x 1204,
        y -1858
    }
},
{
    delta node-XY4 : {
        x 1295,
        y -2097
    }
}
},
connectsTo {
    {
        connectingLane {
            lane 20,
            maneuver {maneuverStraightAllowed}
        },
        signalGroup 6
    }
}
},
{
    laneID 7,
    ingressApproach 3,
    laneAttributes {
        directionalUse {ingressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverLeftAllowed, maneuverUTurnAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x 1025,
                y -1458
            },
            attributes {
                dWidth -30
            }
        },
        {
            delta node-XY4 : {
                x 1263,
                y -1995
            }
        },
        {
            delta node-XY4 : {
                x 1694,
                y -2521
            }
        }
    }
},
connectsTo {
    {
        connectingLane {
            lane 10,
            maneuver {maneuverUTurnAllowed}
        },
        signalGroup 1
    },
    {
        connectingLane {
            lane 13,
            maneuver {maneuverLeftAllowed}
        },
    },

```



```

    }
  },
  {
    delta node-XY4 : {
      x 1220,
      y -1914
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 25,
      maneuver {maneuverStraightAllowed}
    },
    remoteIntersection {
      region 0,
      id 1015
    }
  }
}
},
{
  laneID 10,
  egressApproach 4,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x 596,
        y -1820
      }
    },
    {
      delta node-XY4 : {
        x 1270,
        y -1920
      }
    },
    {
      delta node-XY4 : {
        x 1243,
        y -2021
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 26,
        maneuver {maneuverStraightAllowed}
      },
      remoteIntersection {
        region 0,
        id 1015
      }
    }
  }
}
},
{
  laneID 14,

```

```

ingressApproach 7,
laneAttributes {
  directionalUse {ingressPath},
  sharedWith {},
  laneType vehicle : {}
},
maneuvers {maneuverStraightAllowed, maneuverRightAllowed,
  maneuverRightTurnOnRedAllowed},
nodeList nodes : {
  {
    delta node-XY3 : {
      x -1878,
      y 598
    }
  },
  {
    delta node-XY5 : {
      x -2976,
      y 4665
    }
  },
  {
    delta node-XY5 : {
      x -3515,
      y 5419
    }
  },
  {
    delta node-XY5 : {
      x -4334,
      y 6766
    }
  },
  {
    delta node-XY4 : {
      x -1987,
      y 3080
    }
  },
  {
    delta node-XY4 : {
      x -1258,
      y 1887
    }
  },
  {
    delta node-XY5 : {
      x -2448,
      y 3466
    }
  },
  {
    delta node-XY4 : {
      x -1736,
      y 2303
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 8,
      maneuver {maneuverStraightAllowed}
    },
    signalGroup 2
  },

```

```

    {
      connectingLane {
        lane 13,
        maneuver {maneuverRightAllowed}
      },
      signalGroup 2
    }
  },
  {
    laneID 15,
    ingressApproach 7,
    laneAttributes {
      directionalUse {ingressPath},
      sharedWith {},
      laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
      {
        delta node-XY3 : {
          x -1594,
          y 901
        }
      },
      {
        delta node-XY5 : {
          x -2973,
          y 4577
        }
      },
      {
        delta node-XY5 : {
          x -3546,
          y 5494
        }
      },
      {
        delta node-XY5 : {
          x -4332,
          y 6707
        }
      },
      {
        delta node-XY4 : {
          x -1978,
          y 3069
        }
      },
      {
        delta node-XY4 : {
          x -1269,
          y 1884
        }
      },
      {
        delta node-XY5 : {
          x -2431,
          y 3407
        }
      },
      {
        delta node-XY4 : {
          x -1728,
          y 2339
        }
      }
    }
  }
}

```

```

    }
  },
  connectsTo {
    {
      connectingLane {
        lane 9,
        maneuver {maneuverStraightAllowed}
      },
      signalGroup 2
    }
  }
},
{
  laneID 16,
  ingressApproach 7,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x -1368,
        y 1195
      }
    },
    {
      delta node-XY5 : {
        x -2864,
        y 4487
      }
    },
    {
      delta node-XY5 : {
        x -3548,
        y 5447
      }
    },
    {
      delta node-XY5 : {
        x -4378,
        y 6714
      }
    },
    {
      delta node-XY4 : {
        x -1971,
        y 3107
      }
    },
    {
      delta node-XY4 : {
        x -1265,
        y 1903
      }
    },
    {
      delta node-XY5 : {
        x -2459,
        y 3417
      }
    },
    {
      delta node-XY4 : {

```

```

        x -1735,
        y 2307
    }
}
},
connectsTo {
    {
        connectingLane {
            lane 10,
            maneuver {maneuverStraightAllowed}
        },
        signalGroup 2
    }
}
},
{
    laneID 17,
    ingressApproach 7,
    laneAttributes {
        directionalUse {ingressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverLeftAllowed, maneuverUTurnAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x -1118,
                y 1423
            },
            attributes {
                dWidth -30
            }
        },
        {
            delta node-XY3 : {
                x -1055,
                y 1665
            }
        },
        {
            delta node-XY4 : {
                x -1354,
                y 2082
            }
        }
    },
    connectsTo {
        {
            connectingLane {
                lane 3,
                maneuver {maneuverLeftAllowed}
            },
            signalGroup 5
        },
        {
            connectingLane {
                lane 20,
                maneuver {maneuverUTurnAllowed}
            },
            signalGroup 5
        }
    }
}
},
{
    laneID 18,

```

```

egressApproach 8,
laneAttributes {
  directionalUse {egressPath},
  sharedWith {},
  laneType vehicle : {}
},
maneuvers {maneuverStraightAllowed},
nodeList nodes : {
  {
    delta node-XY4 : {
      x -205,
      y 2280
    }
  },
  {
    delta node-XY5 : {
      x -2856,
      y 4569
    }
  },
  {
    delta node-XY5 : {
      x -3385,
      y 5223
    }
  },
  {
    delta node-XY5 : {
      x -4368,
      y 6648
    }
  },
  {
    delta node-XY4 : {
      x -1976,
      y 3243
    }
  },
  {
    delta node-XY4 : {
      x -1227,
      y 1674
    }
  },
  {
    delta node-XY5 : {
      x -2573,
      y 3668
    }
  },
  {
    delta node-XY4 : {
      x -1695,
      y 2197
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 5,
      maneuver {maneuverStraightAllowed}
    },
    remoteIntersection {
      region 0,
      id 1013
    }
  }
}

```



```

    }
  }
},
{
  laneID 19,
  egressApproach 8,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY4 : {
        x -443,
        y 2072
      }
    },
    {
      delta node-XY5 : {
        x -2878,
        y 4401
      }
    },
    {
      delta node-XY5 : {
        x -3397,
        y 5273
      }
    },
    {
      delta node-XY5 : {
        x -4367,
        y 6756
      }
    },
    {
      delta node-XY4 : {
        x -2069,
        y 3227
      }
    },
    {
      delta node-XY3 : {
        x -1132,
        y 1699
      }
    },
    {
      delta node-XY5 : {
        x -2607,
        y 3629
      }
    },
    {
      delta node-XY4 : {
        x -1719,
        y 2289
      }
    }
  },
  connectsTo {
    {
      connectingLane {

```

```

        lane 6,
        maneuver {maneuverStraightAllowed}
    },
    remoteIntersection {
        region 0,
        id 1013
    }
}
},
{
    laneID 20,
    egressApproach 8,
    laneAttributes {
        directionalUse {egressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x -702,
                y 1826
            }
        },
        {
            delta node-XY5 : {
                x -2852,
                y 4385
            }
        },
        {
            delta node-XY5 : {
                x -3441,
                y 5366
            }
        },
        {
            delta node-XY5 : {
                x -4367,
                y 6777
            }
        },
        {
            delta node-XY4 : {
                x -2062,
                y 3158
            }
        },
        {
            delta node-XY4 : {
                x -1140,
                y 1713
            }
        },
        {
            delta node-XY5 : {
                x -2608,
                y 3592
            }
        },
        {
            delta node-XY4 : {
                x -1734,
                y 2300
            }
        }
    }
}

```

```

    }
  },
  connectsTo {
    {
      connectingLane {
        lane 7,
        maneuver {maneuverStraightAllowed}
      },
      remoteIntersection {
        region 0,
        id 1013
      }
    }
  }
},
{
  id {
    region 0,
    id 1014
  },
  revision 2,
  refPoint {
    lat 374120157,
    long -1221246269,
    elevation 150
  },
  laneWidth 330,
  laneSet {
    {
      laneID 21,
      ingressApproach 9,
      laneAttributes {
        directionalUse {ingressPath, egressPath},
        sharedWith {},
        laneType crosswalk : {hasPushToWalkButton, audioSupport}
      },
      nodeList nodes : {
        {
          delta node-XY4 : {
            x 476,
            y 2495
          }
        },
        {
          delta node-XY4 : {
            x 1562,
            y -2453
          }
        }
      },
      connectsTo {
        {
          connectingLane {
            lane 22,
            maneuver {maneuverRightAllowed}
          },
          signalGroup 6
        },
        {
          connectingLane {
            lane 24,
            maneuver {maneuverLeftAllowed}
          },
        },
      }
    }
  }
}

```

```

        signalGroup 6
    }
}
},
{
    laneID 22,
    ingressApproach 10,
    laneAttributes {
        directionalUse {ingressPath, egressPath},
        sharedWith {},
        laneType crosswalk : {hasPushToWalkButton, audioSupport}
    },
    nodeList nodes : {
        {
            delta node-XY4 : {
                x 2138,
                y -361
            }
        },
        {
            delta node-XY3 : {
                x -1364,
                y -1211
            }
        },
        {
            delta node-XY3 : {
                x -1274,
                y -984
            }
        }
    },
    connectsTo {
        {
            connectingLane {
                lane 21,
                maneuver {maneuverLeftAllowed}
            },
            signalGroup 8
        },
        {
            connectingLane {
                lane 23,
                maneuver {maneuverRightAllowed}
            },
            signalGroup 8
        }
    }
},
{
    laneID 23,
    ingressApproach 11,
    laneAttributes {
        directionalUse {ingressPath, egressPath},
        sharedWith {},
        laneType crosswalk : {hasPushToWalkButton, audioSupport}
    },
    nodeList nodes : {
        {
            delta node-XY4 : {
                x -500,
                y -2556
            }
        },
        {
            delta node-XY4 : {

```

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        x -1662,
        y 2579
    }
}
},
connectsTo {
    {
        connectingLane {
            lane 22,
            maneuver {maneuverLeftAllowed}
        },
        signalGroup 2
    },
    {
        connectingLane {
            lane 24,
            maneuver {maneuverRightAllowed}
        },
        signalGroup 2
    }
}
},
{
    laneID 24,
    ingressApproach 12,
    laneAttributes {
        directionalUse {ingressPath, egressPath},
        sharedWith {},
        laneType crosswalk : {hasPushToWalkButton, audioSupport}
    },
    nodeList nodes : {
        {
            delta node-XY4 : {
                x -2162,
                y 23
            }
        },
        {
            delta node-XY3 : {
                x 1311,
                y 1502
            }
        },
        {
            delta node-XY3 : {
                x 1117,
                y 1002
            }
        }
    }
},
connectsTo {
    {
        connectingLane {
            lane 21,
            maneuver {maneuverRightAllowed}
        },
        signalGroup 4
    },
    {
        connectingLane {
            lane 23,
            maneuver {maneuverLeftAllowed}
        },
        signalGroup 4
    }
}
}

```

```
}  
}  
}  
}  
}
```