

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

MapData payload size 738

```
payload=001282DE28093119000003ED00A5F9F7A7913DA9A6083C014A0288BC10B0045000000E40021CF9AE483B2C671
075C2C2C92A50BE4C92128000890C80004488900020C0111000001000042CD4E141DC9740C3ACE611C95045F5C5814A
800000520008DA3C7E519FDC94C34C31894520500010907200082C0B540000030000C6C134820CFCC3D21A660D30343
A12D087B88DC4290280008489A00040C063100000100006A2FB2010487867DB1CB8D36E69C1A1CC94C43DB070232000
007DA054BF3EF4F227B534C10780294051870696019A000001480042E7F760256DA99412AC9505C7A8822C8A4088001
92230000C58086800000400010B6D98E0959A26D04AC013F11E80C94E0912800062C05340000020000859F4A7A4AB79
3BE2560E9C50F4EE4750489C000316031A000000A0002AC2A430047889570A7C24AAAD3D5148488000A43100004701D
0800000800021C6B0FB03D349210958526BC3C9B15B4221B001000003EE1C08420000020000854B81AE3D5210F0956D
A7463CC41510221D001000003EE1C09420000020000855EE4004AB61416256629D28F3024E60887C00400000FB8B035
D000000A40011048CFC90E1FD05C85DBEC502907800024861000116073A00000100002218BADF21C339F810BD8D8E41
21100004581EE80000040000889FEE3C86E9E8CE431175D10484C000116083A000000A0002A36BC64047888986DD5A2
27ED6F148120002A44C4001470460800000800011373FD8111F5C04CAD29D32C21104800800001F60E0941000001000
0225F8EB1223B980B15A57E669C220B001000003EC1C1382000002000044A31B724479301B2B4934CD38441A0020000
07D84400000FB41297E7DE9E44F6A69820F004B00C9052580020C00002DD6BCA11E3E748A4548001922E8000C482B4C
00106000117994C58906887048A847229144000848B10004120B5B00041800006FA02F00D31B6D9148AA0001245C800
08905F180020C000220117EC16476588B3FB058522840008916400040
```

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

```
value MessageFrame ::= {
  messageId 18,
  value MapData : {
    msgIssueRevision 9,
    layerType intersectionData,
    intersections {
      {
        id {
          region 0,
          id 1005
        },
        revision 0,
        refPoint {
          lat 374277711,
          long -1221492403,
          elevation 120
        },
        laneWidth 330,
        speedLimits {
          {
            type vehicleMaxSpeed,
            speed 559
          }
        },
        laneSet {
          {
            laneID 1,
            ingressApproach 1,
            laneAttributes {
              directionalUse {ingressPath},
              sharedWith {},
              laneType vehicle : {}
            },
            maneuvers {maneuverStraightAllowed, maneuverLeftAllowed, maneuverRightAllowed,
              maneuverRightTurnOnRedAllowed},
            nodeList nodes : {
              {
                delta node-XY4 : {
                  x 998,
                  y 1828
                }
              },
              {
                delta node-XY4 : {
```

```

        x 1624,
        y 2500
    }
},
{
    delta node-XY4 : {
        x 1474,
        y 2137
    }
},
{
    delta node-XY5 : {
        x 2640,
        y 3987
    }
}
},
connectsTo {
    {
        connectingLane {
            lane 9,
            maneuver {maneuverLeftAllowed}
        },
        signalGroup 4
    },
    {
        connectingLane {
            lane 12,
            maneuver {maneuverStraightAllowed}
        },
        signalGroup 4
    },
    {
        connectingLane {
            lane 17,
            maneuver {maneuverRightAllowed}
        },
        signalGroup 4
    }
}
},
{
    laneID 2,
    egressApproach 2,
    laneAttributes {
        directionalUse {egressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x 1236,
                y 1556
            }
        },
        {
            delta node-XY4 : {
                x 1829,
                y 2566
            }
        },
        {
            delta node-XY4 : {
                x 1436,

```

```

        y 2119
    }
},
{
    delta node-XY5 : {
        x 2568,
        y 4014
    }
}
},
{
    laneID 10,
    ingressApproach 5,
    laneAttributes {
        directionalUse {ingressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed, maneuverRightAllowed,
        maneuverRightTurnOnRedAllowed},
    nodeList nodes : {
        {
            delta node-XY4 : {
                x -738,
                y -2075
            }
        },
        {
            delta node-XY4 : {
                x -2057,
                y -2906
            }
        },
        {
            delta node-XY4 : {
                x -1658,
                y -2523
            }
        }
    },
    connectsTo {
        {
            connectingLane {
                lane 2,
                maneuver {maneuverStraightAllowed}
            },
            signalGroup 8
        },
        {
            connectingLane {
                lane 7,
                maneuver {maneuverRightAllowed}
            },
            signalGroup 8
        }
    }
},
{
    laneID 11,
    ingressApproach 5,
    laneAttributes {
        directionalUse {ingressPath},
        sharedWith {},
        laneType vehicle : {}
    },
},

```

```

maneuvers {maneuverStraightAllowed, maneuverLeftAllowed},
nodeList nodes : {
  {
    delta node-XY4 : {
      x -1005,
      y -1788
    }
  },
  {
    delta node-XY4 : {
      x -2074,
      y -3118
    }
  },
  {
    delta node-XY4 : {
      x -1640,
      y -2408
    }
  },
  {
    delta node-XY4 : {
      x -1932,
      y -2892
    }
  },
  {
    delta node-XY5 : {
      x -4239,
      y -6430
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 2,
      maneuver {maneuverStraightAllowed}
    },
    signalGroup 8
  },
  {
    connectingLane {
      lane 19,
      maneuver {maneuverLeftAllowed}
    },
    signalGroup 8
  }
},
{
  laneID 12,
  egressApproach 6,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x -1285,
        y -1535
      },
      attributes {

```

```

        dWidth 30
    }
},
{
    delta node-XY4 : {
        x -2085,
        y -3177
    }
},
{
    delta node-XY4 : {
        x -1609,
        y -2404
    }
},
{
    delta node-XY4 : {
        x -1933,
        y -2906
    }
},
{
    delta node-XY5 : {
        x -4244,
        y -6398
    }
}
}
}
},
{
    id {
        region 0,
        id 1005
    },
    revision 1,
    refPoint {
        lat 374277711,
        long -1221492403,
        elevation 120
    },
    laneWidth 330,
    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 1663,
                        y -160
                    }
                }
            }
        }
    }
}

```

```

    },
    {
      delta node-XY5 : {
        x 2925,
        y -3288
      }
    },
    {
      delta node-XY5 : {
        x 2761,
        y -3049
      }
    },
    {
      delta node-XY4 : {
        x 2696,
        y -2983
      }
    }
  },
connectsTo {
  {
    connectingLane {
      lane 2,
      maneuver {maneuverRightAllowed}
    },
    signalGroup 6
  },
  {
    connectingLane {
      lane 17,
      maneuver {maneuverStraightAllowed}
    },
    signalGroup 6
  }
}
},
{
  laneID 4,
  ingressApproach 3,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x 1462,
        y -456
      }
    },
    {
      delta node-XY5 : {
        x 2868,
        y -3224
      }
    },
    {
      delta node-XY5 : {
        x 2816,
        y -3087
      }
    }
  },
  {

```

```

        delta node-XY4 : {
            x 2563,
            y -2905
        }
    },
connectsTo {
    {
        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 1274,
                y -707
            }
        },
        {
            delta node-XY5 : {
                x 2782,
                y -3138
            }
        },
        {
            delta node-XY5 : {
                x 2823,
                y -3190
            }
        },
        {
            delta node-XY4 : {
                x 2679,
                y -2955
            }
        }
    },
connectsTo {
    {
        connectingLane {
            lane 19,
            maneuver {maneuverStraightAllowed}
        },
        signalGroup 6
    }
},
{
    laneID 6,
    ingressApproach 3,
    laneAttributes {
        directionalUse {ingressPath},

```

```

    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverLeftAllowed, maneuverUTurnAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x 1066,
        y -976
      },
      attributes {
        dWidth -30
      }
    },
    {
      delta node-XY5 : {
        x 2785,
        y -3103
      }
    },
    {
      delta node-XY5 : {
        x 2731,
        y -3115
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 9,
        maneuver {maneuverUTurnAllowed}
      },
      signalGroup 1
    },
    {
      connectingLane {
        lane 12,
        maneuver {maneuverLeftAllowed}
      },
      signalGroup 1
    }
  },
  {
    laneID 7,
    egressApproach 4,
    laneAttributes {
      directionalUse {egressPath},
      sharedWith {},
      laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
      {
        delta node-XY4 : {
          x 428,
          y -2088
        }
      },
      {
        delta node-XY4 : {
          x 2665,
          y -2940
        }
      }
    },
  },

```



```

    {
      delta node-XY5 : {
        x 2826,
        y -3234
      }
    },
    {
      delta node-XY4 : {
        x 2358,
        y -2707
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 13,
        maneuver {maneuverStraightAllowed}
      },
      remoteIntersection {
        region 0,
        id 1006
      }
    }
  }
},
{
  laneID 8,
  egressApproach 4,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x 604,
        y -1833
      }
    },
    {
      delta node-XY4 : {
        x 2724,
        y -3012
      }
    },
    {
      delta node-XY5 : {
        x 2779,
        y -3165
      }
    },
    {
      delta node-XY4 : {
        x 2440,
        y -2748
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 14,
        maneuver {maneuverStraightAllowed}
      }
    }
  }
}

```

```

    },
    remoteIntersection {
      region 0,
      id 1006
    }
  }
},
{
  laneID 9,
  egressApproach 4,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x 759,
        y -1536
      }
    },
    {
      delta node-XY5 : {
        x 2776,
        y -3050
      }
    },
    {
      delta node-XY5 : {
        x 2865,
        y -3163
      }
    },
    {
      delta node-XY4 : {
        x 2433,
        y -2842
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 15,
        maneuver {maneuverStraightAllowed}
      },
      remoteIntersection {
        region 0,
        id 1006
      }
    }
  },
  {
    laneID 13,
    ingressApproach 7,
    laneAttributes {
      directionalUse {ingressPath},
      sharedWith {},
      laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed, maneuverRightAllowed,
      maneuverRightTurnOnRedAllowed},

```

```

nodeList nodes : {
  {
    delta node-XY3 : {
      x -1903,
      y 505
    }
  },
  {
    delta node-XY5 : {
      x -4577,
      y 5143
    }
  },
  {
    delta node-XY5 : {
      x -5193,
      y 5672
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 7,
      maneuver {maneuverStraightAllowed}
    },
    signalGroup 2
  },
  {
    connectingLane {
      lane 12,
      maneuver {maneuverRightAllowed}
    },
    signalGroup 2
  }
},
{
  laneID 14,
  ingressApproach 7,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x -1653,
        y 735
      }
    },
    {
      delta node-XY5 : {
        x -4583,
        y 5104
      }
    },
    {
      delta node-XY5 : {
        x -5160,
        y 5689
      }
    }
  },
},

```

```

connectsTo {
  {
    connectingLane {
      lane 8,
      maneuver {maneuverStraightAllowed}
    },
    signalGroup 2
  }
},
{
  laneID 15,
  ingressApproach 7,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x -1409,
        y 911
      }
    },
    {
      delta node-XY5 : {
        x -4653,
        y 5223
      }
    },
    {
      delta node-XY5 : {
        x -5051,
        y 5585
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 9,
        maneuver {maneuverStraightAllowed}
      },
      signalGroup 2
    }
  },
  {
    laneID 16,
    ingressApproach 7,
    laneAttributes {
      directionalUse {ingressPath},
      sharedWith {},
      laneType vehicle : {}
    },
    maneuvers {maneuverLeftAllowed, maneuverUTurnAllowed},
    nodeList nodes : {
      {
        delta node-XY3 : {
          x -1173,
          y 1124
        },
        attributes {
          dWidth -30
        }
      }
    }
  }
}

```

```

    }
  },
  {
    delta node-XY5 : {
      x -3315,
      y 3757
    }
  },
  {
    delta node-XY3 : {
      x -1410,
      y 1391
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 2,
      maneuver {maneuverLeftAllowed}
    },
    signalGroup 5
  },
  {
    connectingLane {
      lane 19,
      maneuver {maneuverUTurnAllowed}
    },
    signalGroup 5
  }
}
},
{
  laneID 17,
  egressApproach 8,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x -281,
        y 1968
      }
    },
    {
      delta node-XY5 : {
        x -3595,
        y 4115
      }
    },
    {
      delta node-XY6 : {
        x -5810,
        y 6497
      }
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 4,
      maneuver {maneuverStraightAllowed}
    }
  }
}
}

```

```

    },
    remoteIntersection {
        region 0,
        id 1004
    }
}
},
{
    laneID 18,
    egressApproach 8,
    laneAttributes {
        directionalUse {egressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x -520,
                y 1713
            }
        },
        {
            delta node-XY5 : {
                x -3620,
                y 4118
            }
        },
        {
            delta node-XY6 : {
                x -5793,
                y 6567
            }
        }
    },
    connectsTo {
        {
            connectingLane {
                lane 5,
                maneuver {maneuverStraightAllowed}
            },
            remoteIntersection {
                region 0,
                id 1004
            }
        }
    }
},
{
    laneID 19,
    egressApproach 8,
    laneAttributes {
        directionalUse {egressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x -744,
                y 1465
            }
        },
    },

```

```

    {
      delta node-XY5 : {
        x -3612,
        y 4123
      }
    },
    {
      delta node-XY6 : {
        x -5850,
        y 6567
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 6,
        maneuver {maneuverStraightAllowed}
      },
      remoteIntersection {
        region 0,
        id 1004
      }
    }
  }
}
},
{
  id {
    region 0,
    id 1005
  },
  revision 2,
  refPoint {
    lat 374277711,
    long -1221492403,
    elevation 120
  },
  laneWidth 300,
  laneSet {
    {
      laneID 20,
      ingressApproach 9,
      laneAttributes {
        directionalUse {ingressPath, egressPath},
        sharedWith {},
        laneType crosswalk : {hasPushToWalkButton, audioSupport}
      },
      nodeList nodes : {
        {
          delta node-XY3 : {
            x 1494,
            y 970
          }
        },
        {
          delta node-XY3 : {
            x -1081,
            y 1257
          }
        }
      },
      connectsTo {
        {
          connectingLane {

```

```

        lane 21,
        maneuver {maneuverRightAllowed}
    },
    signalGroup 6
},
{
    connectingLane {
        lane 23,
        maneuver {maneuverLeftAllowed}
    },
    signalGroup 6
}
}
},
{
    laneID 21,
    ingressApproach 10,
    laneAttributes {
        directionalUse {ingressPath, egressPath},
        sharedWith {},
        laneType crosswalk : {hasPushToWalkButton, audioSupport}
    },
    nodeList nodes : {
        {
            delta node-XY3 : {
                x 1842,
                y 395
            }
        },
        {
            delta node-XY3 : {
                x -998,
                y -1508
            }
        },
        {
            delta node-XY3 : {
                x -940,
                y -1479
            }
        }
    },
    connectsTo {
        {
            connectingLane {
                lane 20,
                maneuver {maneuverLeftAllowed}
            },
            signalGroup 8
        },
        {
            connectingLane {
                lane 22,
                maneuver {maneuverRightAllowed}
            },
            signalGroup 8
        }
    }
},
{
    laneID 22,
    ingressApproach 11,
    laneAttributes {
        directionalUse {ingressPath, egressPath},
        sharedWith {},
        laneType crosswalk : {hasPushToWalkButton, audioSupport}
    }
}

```



```

},
nodeList nodes : {
  {
    delta node-XY4 : {
      x -96,
      y -2592
    }
  },
  {
    delta node-XY4 : {
      x -1651,
      y 1753
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 21,
      maneuver {maneuverLeftAllowed}
    },
    signalGroup 2
  },
  {
    connectingLane {
      lane 23,
      maneuver {maneuverRightAllowed}
    },
    signalGroup 2
  }
},
{
  laneID 23,
  ingressApproach 12,
  laneAttributes {
    directionalUse {ingressPath, egressPath},
    sharedWith {},
    laneType crosswalk : {hasPushToWalkButton, audioSupport}
  },
  nodeList nodes : {
    {
      delta node-XY3 : {
        x -2031,
        y -20
      }
    },
    {
      delta node-XY3 : {
        x 1166,
        y 1201
      }
    },
    {
      delta node-XY3 : {
        x 1278,
        y 1046
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 20,
        maneuver {maneuverRightAllowed}
      },

```

```
    signalGroup 4
  },
  {
    connectingLane {
      lane 22,
      maneuver {maneuverLeftAllowed}
    },
    signalGroup 4
  }
}
}
}
}
}
}
```