

Intersection: Dinah's Court at El Camino Real, Palo Alto, California

MapData payload size 802

```
payload=0012831E280A3011000003F800A5F85C29113FDE04085A012C142C01140000039000573E0C0204050288BC96D
55E044C5233972484A0002242E00011220400083004440000040000AE9956A8080A0511792D7ABDB898BF677C580668
0000052001AB5B621830281461D1E0F1DC2E01D53D0063C18958878762E98A408800192210000C5808680000040001A
B2C5C6830281461D1E128E64A9074F646B8EFD05601E22CB760911800062C05340000020000D57DEB4C18140A30E8F0
78371C88EA4E8931E060AC03C3D160012250000C580C680000028000AAC890F830281461D0F0EB62742160C8E78A424
4000521680002380E8400000400012E03A7AF0C0A051874784AAE4FEB1E4F07443B04236C2221001000003F91C08420
0000200009526E17618140A30E8F09536A0B24A6D532A1D7051BE1111800800001FC8E04A100000100004AA152140C0
A051874784AAA9011253BC97B8EAEC8ED0889400400000FE4B0295000000E400751B910B84050288BC63043CF8D0D6A
BB12419A5066F82B0E621CA1E468B4586B0503C9A5A1C92050001090720008489200040C05B10000010000EA2403DB0
80A051178C6627261A1954F0248A26714729D90AAF925056FCB942D498921E51ECDA5818E80000052001A8682608302
81461D1E115B6C030AD7193F624574E9FA227EF9708A41E0000921640004581AE80000040001A8A72A1030281461D1E
115B0C07CAD72F3FBE45846F32227B19B48242200008B039D0000008000351CCDCD8605028C3A3C22AE383795AFE7D
248AD75FC4450AF2D50484C00011607BA000000A0002A491CC00C0A0518743C4565B01A1A8C32702902400054890800
28E084100000100004B81962F030281461D1E15A69A8900AD4F9432E33FAF38C2211001000003F71C11820000020000
94E29EB018140A30E8F0AD339451056A7BA15619F2BB021109800800001FB8E094100000100004A60EE550C0A051874
785694BA3092B543D0A60CFFFD400885400400000FDC904E580020C0000B90B67B8121E15AF16782455000389052D80
020C0000B7341894121E1ABC6F7009152000A2415C600083000028291DC8121E1E5CB4F829132000C48A200060
```

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

```
value MessageFrame ::= {
  messageId 18,
  value MapData : {
    msgIssueRevision 10,
    layerType intersectionData,
    intersections {
      {
        id {
          region 0,
          id 1016
        },
        revision 0,
        refPoint {
          lat 374067026,
          long -1221203447,
          elevation 180
        },
        laneWidth 300,
        laneSet {
          {
            laneID 1,
            ingressApproach 1,
            laneAttributes {
              directionalUse {ingressPath},
              sharedWith {},
              laneType vehicle : {}
            },
            maneuvers {maneuverStraightAllowed, maneuverLeftAllowed, maneuverRightAllowed,
              maneuverRightTurnOnRedAllowed},
            nodeList nodes : {
              {
                delta node-XY4 : {
                  x 992,
                  y 2052
                },
                attributes {
                  data {
                    speedLimits : {
                      {
                        type vehicleMaxSpeed,
                        speed 559
                      }
                    }
                  }
                }
              }
            }
          }
        }
      }
    }
  }
}
```

```

    }
  },
  {
    delta node-XY5 : {
      x 3498,
      y 3842
    }
  },
  {
    delta node-XY5 : {
      x 4424,
      y 5015
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 9,
      maneuver {maneuverLeftAllowed}
    },
    signalGroup 4
  },
  {
    connectingLane {
      lane 11,
      maneuver {maneuverStraightAllowed}
    },
    signalGroup 4
  },
  {
    connectingLane {
      lane 16,
      maneuver {maneuverRightAllowed}
    },
    signalGroup 4
  }
}
},
{
  laneID 2,
  egressApproach 2,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY4 : {
        x 1226,
        y 1704
      },
      attributes {
        data {
          speedLimits : {
            {
              type vehicleMaxSpeed,
              speed 559
            }
          }
        }
      }
    }
  }
},

```

```

    {
      delta node-XY5 : {
        x 3450,
        y 3950
      }
    },
    {
      delta node-XY5 : {
        x 4478,
        y 5054
      }
    }
  },
  {
    laneID 3,
    ingressApproach 3,
    laneAttributes {
      directionalUse {ingressPath},
      sharedWith {},
      laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed, maneuverRightAllowed,
      maneuverRightTurnOnRedAllowed},
    nodeList nodes : {
      {
        delta node-XY3 : {
          x 1389,
          y 134
        },
        attributes {
          data {
            speedLimits : {
              {
                type vehicleMaxSpeed,
                speed 782
              }
            }
          },
          dWidth 60
        }
      },
      {
        delta node-XY4 : {
          x 2286,
          y -3360
        }
      },
      {
        delta node-XY4 : {
          x 1359,
          y -2045
        }
      },
      {
        delta node-XY4 : {
          x 2097,
          y -2718
        }
      },
      {
        delta node-XY4 : {
          x 2166,
          y -2605
        }
      }
    }
  }
}

```

```

},
connectsTo {
  {
    connectingLane {
      lane 2,
      maneuver {maneuverRightAllowed}
    },
    signalGroup 6
  },
  {
    connectingLane {
      lane 16,
      maneuver {maneuverStraightAllowed}
    },
    signalGroup 6
  }
}
},
{
  laneID 4,
  ingressApproach 3,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x 1201,
        y -230
      },
      attributes {
        data {
          speedLimits : {
            {
              type vehicleMaxSpeed,
              speed 782
            }
          }
        }
      },
      dWidth 60
    }
  },
  {
    delta node-XY5 : {
      x 2278,
      y -3420
    }
  },
  {
    delta node-XY4 : {
      x 1270,
      y -1833
    }
  },
  {
    delta node-XY4 : {
      x 2024,
      y -2720
    }
  },
  {
    delta node-XY4 : {
      x 2187,

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```

        y -2629
    }
}
},
connectsTo {
    {
        connectingLane {
            lane 17,
            maneuver {maneuverStraightAllowed}
        },
        signalGroup 6
    }
}
},
{
    laneID 5,
    ingressApproach 3,
    laneAttributes {
        directionalUse {ingressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x 1007,
                y -602
            },
            attributes {
                data {
                    speedLimits : {
                        {
                            type vehicleMaxSpeed,
                            speed 782
                        }
                    }
                },
                dWidth 60
            }
        },
        {
            delta node-XY4 : {
                x 2103,
                y -3183
            }
        },
        {
            delta node-XY4 : {
                x 1319,
                y -1901
            }
        },
        {
            delta node-XY4 : {
                x 2072,
                y -2720
            }
        },
        {
            delta node-XY4 : {
                x 2170,
                y -2688
            }
        }
    },
},

```

```

connectsTo {
  {
    connectingLane {
      lane 18,
      maneuver {maneuverStraightAllowed}
    },
    signalGroup 6
  }
},
{
  laneID 6,
  ingressApproach 3,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverLeftAllowed, maneuverUTurnAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x 802,
        y -962
      },
      attributes {
        data {
          speedLimits : {
            {
              type vehicleMaxSpeed,
              speed 782
            }
          }
        },
        dWidth 30
      }
    },
    {
      delta node-XY4 : {
        x 1457,
        y -2238
      }
    },
    {
      delta node-XY3 : {
        x 1049,
        y -1585
      }
    }
  },
connectsTo {
  {
    connectingLane {
      lane 9,
      maneuver {maneuverUTurnAllowed}
    },
    signalGroup 1
  },
  {
    connectingLane {
      lane 11,
      maneuver {maneuverLeftAllowed}
    },
    signalGroup 1
  }
}
}

```

```

},
{
  laneID 7,
  egressApproach 4,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY4 : {
        x 29,
        y -2129
      },
      attributes {
        data {
          speedLimits : {
            {
              type vehicleMaxSpeed,
              speed 782
            }
          }
        },
        dWidth 60
      }
    },
    {
      delta node-XY5 : {
        x 2745,
        y -4117
      }
    },
    {
      delta node-XY4 : {
        x 2364,
        y -3166
      }
    },
    {
      delta node-XY4 : {
        x 1544,
        y -1829
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 16,
        maneuver {maneuverStraightAllowed}
      },
      remoteIntersection {
        region 0,
        id 1017
      }
    }
  }
},
{
  laneID 8,
  egressApproach 4,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},

```

```

    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x 311,
        y -1861
      },
      attributes {
        data {
          speedLimits : {
            {
              type vehicleMaxSpeed,
              speed 782
            }
          }
        },
        dWidth 60
      }
    },
    {
      delta node-XY5 : {
        x 2669,
        y -4007
      }
    },
    {
      delta node-XY5 : {
        x 2485,
        y -3286
      }
    },
    {
      delta node-XY4 : {
        x 1473,
        y -1825
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 17,
        maneuver {maneuverStraightAllowed}
      },
      remoteIntersection {
        region 0,
        id 1017
      }
    }
  }
},
{
  laneID 9,
  egressApproach 4,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x 533,

```



```

    y -1516
  },
  attributes {
    data {
      speedLimits : {
        {
          type vehicleMaxSpeed,
          speed 782
        }
      }
    },
    dWidth 60
  }
},
{
  delta node-XY5 : {
    x 2730,
    y -4079
  }
},
{
  delta node-XY5 : {
    x 2526,
    y -3337
  }
},
{
  delta node-XY4 : {
    x 1398,
    y -1811
  }
}
},
connectsTo {
  {
    connectingLane {
      lane 18,
      maneuver {maneuverStraightAllowed}
    },
    remoteIntersection {
      region 0,
      id 1017
    }
  }
}
},
{
  laneID 10,
  ingressApproach 5,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed, maneuverLeftAllowed, maneuverRightAllowed,
  maneuverRightTurnOnRedAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x -1166,
        y -1513
      },
      attributes {
        data {
          speedLimits : {
            {

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```

        type vehicleMaxSpeed,
        speed 559
    }
}
},
{
    delta node-XY4 : {
        x -3324,
        y -2145
    }
},
{
    delta node-XY4 : {
        x -1941,
        y -1349
    }
},
{
    delta node-XY3 : {
        x -893,
        y -1206
    }
},
{
    delta node-XY2 : {
        x 223,
        y -981
    }
},
{
    delta node-XY2 : {
        x 610,
        y -795
    }
},
{
    delta node-XY2 : {
        x 803,
        y -467
    }
},
{
    delta node-XY3 : {
        x 1077,
        y 40
    }
},
{
    delta node-XY4 : {
        x 2356,
        y 1671
    }
}
},
connectsTo {
    {
        connectingLane {
            lane 2,
            maneuver {maneuverStraightAllowed}
        },
        signalGroup 8
    },
    {
        connectingLane {

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```

        lane 7,
        maneuver {maneuverRightAllowed}
    },
    signalGroup 8
},
{
    connectingLane {
        lane 18,
        maneuver {maneuverLeftAllowed}
    },
    signalGroup 8
}
}
},
{
    laneID 11,
    egressApproach 6,
    laneAttributes {
        directionalUse {egressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x -1472,
                y -1061
            },
            attributes {
                data {
                    speedLimits : {
                        {
                            type vehicleMaxSpeed,
                            speed 559
                        }
                    }
                }
            }
        }
    },
    {
        delta node-XY4 : {
            x -3279,
            y -2266
        }
    },
    {
        delta node-XY4 : {
            x -1947,
            y -1416
        }
    },
    {
        delta node-XY3 : {
            x -886,
            y -1433
        }
    },
    {
        delta node-XY3 : {
            x 229,
            y -1102
        }
    },
    {
        delta node-XY3 : {

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```

        x 702,
        y -876
    }
},
{
    delta node-XY3 : {
        x 894,
        y -566
    }
},
{
    delta node-XY3 : {
        x 1353,
        y 146
    }
},
{
    delta node-XY4 : {
        x 2375,
        y 1645
    }
}
},
{
    laneID 12,
    ingressApproach 7,
    laneAttributes {
        directionalUse {ingressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed, maneuverRightAllowed,
        maneuverRightTurnOnRedAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x -1632,
                y 386
            },
            attributes {
                data {
                    speedLimits : {
                        {
                            type vehicleMaxSpeed,
                            speed 782
                        }
                    }
                },
                dWidth 60
            }
        },
        {
            delta node-XY5 : {
                x -2634,
                y 4108
            }
        },
        {
            delta node-XY6 : {
                x -5236,
                y 8113
            }
        },
        {
            delta node-XY5 : {

```

```

        x -2605,
        y 4090
    }
},
{
    delta node-XY5 : {
        x -3081,
        y 4833
    }
}
},
connectsTo {
    {
        connectingLane {
            lane 7,
            maneuver {maneuverStraightAllowed}
        },
        signalGroup 2
    },
    {
        connectingLane {
            lane 11,
            maneuver {maneuverRightAllowed}
        },
        signalGroup 2
    }
}
},
{
    laneID 13,
    ingressApproach 7,
    laneAttributes {
        directionalUse {ingressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x -1380,
                y 644
            },
            attributes {
                data {
                    speedLimits : {
                        {
                            type vehicleMaxSpeed,
                            speed 782
                        }
                    }
                },
                dWidth 60
            }
        },
        {
            delta node-XY5 : {
                x -2640,
                y 4127
            }
        },
        {
            delta node-XY6 : {
                x -5225,
                y 8159
            }
        }
    }
}

```

```

    },
    {
      delta node-XY5 : {
        x -2543,
        y 3890
      }
    },
    {
      delta node-XY5 : {
        x -3112,
        y 4969
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 8,
        maneuver {maneuverStraightAllowed}
      },
      signalGroup 2
    }
  }
},
{
  laneID 14,
  ingressApproach 7,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x -1127,
        y 923
      },
      attributes {
        data {
          speedLimits : {
            {
              type vehicleMaxSpeed,
              speed 782
            }
          }
        },
        dWidth 60
      }
    },
    {
      delta node-XY5 : {
        x -2703,
        y 4207
      }
    },
    {
      delta node-XY6 : {
        x -5126,
        y 8009
      }
    },
    {
      delta node-XY5 : {
        x -2642,

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```

        y 4066
    }
},
{
    delta node-XY5 : {
        x -3029,
        y 4821
    }
}
},
connectsTo {
    {
        connectingLane {
            lane 9,
            maneuver {maneuverStraightAllowed}
        },
        signalGroup 2
    }
}
},
{
    laneID 15,
    ingressApproach 7,
    laneAttributes {
        directionalUse {ingressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverLeftAllowed, maneuverUTurnAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x -879,
                y 1216
            },
            attributes {
                data {
                    speedLimits : {
                        {
                            type vehicleMaxSpeed,
                            speed 782
                        }
                    }
                }
            },
            dWidth 30
        }
    },
    {
        delta node-XY5 : {
            x -2666,
            y 4122
        }
    },
    {
        delta node-XY4 : {
            x -1488,
            y 2360
        }
    }
}
},
connectsTo {
    {
        connectingLane {
            lane 2,
            maneuver {maneuverLeftAllowed}
        },
    },

```

```

    signalGroup 5
  },
  {
    connectingLane {
      lane 18,
      maneuver {maneuverUTurnAllowed}
    },
    signalGroup 5
  }
},
{
  laneID 16,
  egressApproach 8,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY4 : {
        x 50,
        y 2236
      },
      attributes {
        data {
          speedLimits : {
            {
              type vehicleMaxSpeed,
              speed 782
            }
          }
        },
        dWidth 60
      }
    },
    {
      delta node-XY6 : {
        x -5722,
        y 8768
      }
    },
    {
      delta node-XY6 : {
        x -5508,
        y 8599
      }
    },
    {
      delta node-XY4 : {
        x -2059,
        y 3299
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 8,
        maneuver {maneuverStraightAllowed}
      },
      remoteIntersection {
        region 0,
        id 1015
      }
    }
  }
}

```



```

    }
  }
},
{
  laneID 17,
  egressApproach 8,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x -236,
        y 1880
      },
      attributes {
        data {
          speedLimits : {
            {
              type vehicleMaxSpeed,
              speed 782
            }
          }
        },
        dWidth 60
      }
    },
    {
      delta node-XY6 : {
        x -5732,
        y 8840
      }
    },
    {
      delta node-XY6 : {
        x -5509,
        y 8534
      }
    },
    {
      delta node-XY4 : {
        x -2102,
        y 3457
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 9,
        maneuver {maneuverStraightAllowed}
      },
      remoteIntersection {
        region 0,
        id 1015
      }
    }
  }
},
{
  laneID 18,
  egressApproach 8,

```

```

laneAttributes {
  directionalUse {egressPath},
  sharedWith {},
  laneType vehicle : {}
},
maneuvers {maneuverStraightAllowed},
nodeList nodes : {
  {
    delta node-XY3 : {
      x -498,
      y 1621
    },
    attributes {
      data {
        speedLimits : {
          {
            type vehicleMaxSpeed,
            speed 782
          }
        }
      },
      dWidth 60
    }
  },
  {
    delta node-XY6 : {
      x -5813,
      y 8969
    }
  },
  {
    delta node-XY6 : {
      x -5497,
      y 8524
    }
  },
  {
    delta node-XY4 : {
      x -2049,
      y 3392
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 10,
      maneuver {maneuverStraightAllowed}
    },
    remoteIntersection {
      region 0,
      id 1015
    }
  }
},
{
  laneID 19,
  ingressApproach 9,
  laneAttributes {
    directionalUse {ingressPath, egressPath},
    sharedWith {},
    laneType crosswalk : {hasPushToWalkButton, audioSupport}
  },
  nodeList nodes : {
    {

```

```

    delta node-XY4 : {
      x 534,
      y 2542
    },
    attributes {
      dWidth 30
    }
  },
  {
    delta node-XY3 : {
      x 862,
      y -1329
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 21,
      maneuver {maneuverLeftAllowed}
    },
    signalGroup 14
  }
}
},
{
  laneID 20,
  ingressApproach 11,
  laneAttributes {
    directionalUse {ingressPath, egressPath},
    sharedWith {},
    laneType crosswalk : {hasPushToWalkButton, audioSupport}
  },
  nodeList nodes : {
    {
      delta node-XY4 : {
        x -408,
        y -2523
      },
      attributes {
        dWidth 30
      }
    },
    {
      delta node-XY4 : {
        x -1295,
        y 1976
      }
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 21,
      maneuver {maneuverRightAllowed}
    },
    signalGroup 10
  }
}
},
{
  laneID 21,
  ingressApproach 12,
  laneAttributes {
    directionalUse {ingressPath, egressPath},
    sharedWith {},

```

```
    laneType crosswalk : {hasPushToWalkButton, audioSupport}
  },
  nodeList nodes : {
    {
      delta node-XY3 : {
        x -1884,
        y -142
      },
      attributes {
        dWidth 30
      }
    },
    {
      delta node-XY4 : {
        x 2418,
        y 2684
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 19,
        maneuver {maneuverRightAllowed}
      },
      signalGroup 12
    },
    {
      connectingLane {
        lane 20,
        maneuver {maneuverLeftAllowed}
      },
      signalGroup 12
    }
  }
}
}
```