

Intersection: Portage/Hansen at El Camino Real, Palo Alto, California

MapData payload size 888

```
payload=0012837428093199000003F100A5F9750D913E8050882D012C0288BC04B0045000000E40021B4074D64A4BADE
E259CD9B612E28D6D492148000890D80004489900020C011100000100004372E661094955D2A4B3D333D25BE3AA8990
00003F102A5F9750D913E8050882D015E028C3838B00CD000000A40021F67577E3DFAA06C98532A044C3C9512148110
003244E00018B010D000000800021F3915483E2E9F84981A29F44C37951A048A4000316029A000001000043E08257C7
C7E3F592FFD55A09891A9600915800062C0634000001400047B424228FA2A79126E2A8448A4284000521C80002380E8
40000040100B289F42DC120A0F966F43CA42EA8021100038108400000400012F14E445048287CD63CB130EC52649830
AA6C110C800800001F90E04A100000100004BCB8157C120A1F2BCF3A4C1F150C26168A7A84436002000007E43814840
0000400012F3FE687048287CD43C693013559098B1290E110E800800001F91607BA00000140006B12B4BDC120A21199
7A18C6AF84A222614D18CDE35EB148440001243480008B041D0000008000358B4A850090510986BBC062A7C4B911CDA
5C86650B358242600008B045D0000008000358D8AB080905109FEB9388916D25A4496291D1972ED20090A800022C127
4000001400056426B4E8239C335B5804638DBE80A4090001522A2000A3827040000040001AD0E39E7048288621D9E64
3532C0E18E270883309DB6C220F001000003F01C14820000020000D66DAC8F8241443346C8521B1F6180C73380B1979
EDC41108800800001F80E0AC100000100006B2C1E194120A21AE961810D15B09C6435BFD0CBE36E60884C00400000FC
0C800001F88252FCBA86C89F4028441680B401453E065816A800000102011273D42404738B6424CE42122A4C77D8241
C80020B0315000000C00025D0A86CC08E210FC81C24AAE0083025573F42401481400042455000207035880000080201
1BF38906183452C4AEC3B6010E800180E620000020000D731E20D8238835201E388AAB1EBE556D141E32ABB8A107910
00003F106A5F9750D913E8050882D014A032416960008300000D5CBAE71656A9A0A45C800192328000C482F4C001068
0021F9B5BA223E420E122C14C06E10A2148C100042459000209062D80020D00044A1ACF190A3EEBC22D2B1108DF5AE2
9192000248BA0001120CE3000418000461E585B0ABD3A9C5C1971429162000448C200020
```

gov.usdot.asnl.generated.j2735.dsrc.MessageFrame

```
value MessageFrame ::= {
  messageId 18,
  value MapData : {
    msgIssueRevision 9,
    layerType intersectionData,
    intersections {
      {
        id {
          region 0,
          id 1009
        },
        revision 0,
        refPoint {
          lat 374210843,
          long -1221382494,
          elevation 90
        },
        laneWidth 300,
        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 -767,
                  y 2667
                }
              }
            }
          }
        }
      }
    }
  }
}
```

```

    },
    {
      delta node-XY5 : {
        x 2350,
        y 3566
      }
    },
    {
      delta node-XY5 : {
        x 3302,
        y 4972
      }
    },
    {
      delta node-XY5 : {
        x 3624,
        y 5557
      }
    }
  },
connectsTo {
  {
    connectingLane {
      lane 10,
      maneuver {maneuverLeftAllowed}
    },
    signalGroup 4
  },
  {
    connectingLane {
      lane 13,
      maneuver {maneuverStraightAllowed}
    },
    signalGroup 4
  },
  {
    connectingLane {
      lane 19,
      maneuver {maneuverRightAllowed}
    },
    signalGroup 4
  }
}
},
{
  laneID 2,
  egressApproach 2,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY4 : {
        x -420,
        y 2436
      }
    },
    {
      delta node-XY5 : {
        x 2346,
        y 3733
      }
    }
  },
}

```

```

    {
      delta node-XY5 : {
        x 3316,
        y 4925
      }
    },
    {
      delta node-XY5 : {
        x 3569,
        y 5457
      }
    }
  }
}
},
{
  id {
    region 0,
    id 1009
  },
  revision 1,
  refPoint {
    lat 374210843,
    long -1221382494,
    elevation 90
  },
  laneWidth 350,
  speedLimits {
    {
      type vehicleMaxSpeed,
      speed 782
    }
  },
  laneSet {
    {
      laneID 3,
      ingressApproach 3,
      laneAttributes {
        directionalUse {ingressPath},
        sharedWith {},
        laneType vehicle : {}
      },
      maneuvers {maneuverStraightAllowed, maneuverRightAllowed,
        maneuverRightTurnOnRedAllowed},
      nodeList nodes : {
        {
          delta node-XY4 : {
            x 3485,
            y -1089
          }
        },
        {
          delta node-XY4 : {
            x 3061,
            y -2021
          }
        },
        {
          delta node-XY5 : {
            x 4262,
            y -2814
          }
        },
        {
          delta node-XY5 : {

```

```

        x 4338,
        y -2798
    }
}
},
connectsTo {
    {
        connectingLane {
            lane 2,
            maneuver {maneuverRightAllowed}
        },
        signalGroup 6
    },
    {
        connectingLane {
            lane 19,
            maneuver {maneuverStraightAllowed}
        },
        signalGroup 6
    }
}
},
{
    laneID 4,
    ingressApproach 3,
    laneAttributes {
        directionalUse {ingressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
        {
            delta node-XY4 : {
                x 3300,
                y -1372
            }
        },
        {
            delta node-XY4 : {
                x 3165,
                y -2079
            }
        },
        {
            delta node-XY5 : {
                x 4148,
                y -2822
            }
        },
        {
            delta node-XY5 : {
                x 4318,
                y -2790
            }
        }
    },
    connectsTo {
        {
            connectingLane {
                lane 20,
                maneuver {maneuverStraightAllowed}
            },
            signalGroup 6
        }
    }
}

```

```

},
{
  laneID 5,
  ingressApproach 3,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY4 : {
        x 3088,
        y -1697
      }
    },
    {
      delta node-XY4 : {
        x 3198,
        y -2069
      }
    },
    {
      delta node-XY5 : {
        x 4093,
        y -2712
      }
    },
    {
      delta node-XY5 : {
        x 4387,
        y -2896
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 21,
        maneuver {maneuverStraightAllowed}
      },
      signalGroup 6
    }
  }
},
{
  laneID 6,
  ingressApproach 3,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverLeftAllowed, maneuverUTurnAllowed},
  nodeList nodes : {
    {
      delta node-XY4 : {
        x 2882,
        y -1979
      }
    },
    {
      delta node-XY4 : {
        x 3349,
        y -2159
      }
    }
  }
}

```

```

    }
  },
  {
    delta node-XY5 : {
      x 5909,
      y -3959
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 10,
      maneuver {maneuverUTurnAllowed}
    },
    signalGroup 1
  },
  {
    connectingLane {
      lane 14,
      maneuver {maneuverLeftAllowed}
    },
    signalGroup 1
  }
}
},
{
  laneID 7,
  egressApproach 4,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed, caution},
  nodeList nodes : {
    {
      delta node-XY5 : {
        x 2207,
        y -3913
      },
      attributes {
        dWidth 10
      }
    },
    {
      delta node-XY2 : {
        x 918,
        y -134
      }
    },
    {
      delta node-XY4 : {
        x 2376,
        y -1110
      }
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 8,
      maneuver {maneuverStraightAllowed}
    }
  }
}
}

```

```

},
{
  laneID 8,
  egressApproach 4,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY4 : {
        x 2215,
        y -3003
      },
      attributes {
        dWidth 10
      }
    },
    {
      delta node-XY4 : {
        x 3286,
        y -2154
      }
    },
    {
      delta node-XY5 : {
        x 4332,
        y -2919
      }
    },
    {
      delta node-XY5 : {
        x 4193,
        y -2762
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 12,
        maneuver {maneuverStraightAllowed}
      },
      remoteIntersection {
        region 0,
        id 1010
      }
    }
  }
},
{
  laneID 9,
  egressApproach 4,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY4 : {
        x 2416,
        y -2721
      }
    }
  }
}

```

```

    },
    attributes {
        dWidth 10
    }
},
{
    delta node-XY4 : {
        x 3247,
        y -2147
    }
},
{
    delta node-XY5 : {
        x 4220,
        y -2804
    }
},
{
    delta node-XY5 : {
        x 4276,
        y -2827
    }
}
},
connectsTo {
    {
        connectingLane {
            lane 13,
            maneuver {maneuverStraightAllowed}
        },
        remoteIntersection {
            region 0,
            id 1010
        }
    }
}
},
{
    laneID 10,
    egressApproach 4,
    laneAttributes {
        directionalUse {egressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
        {
            delta node-XY4 : {
                x 2559,
                y -2425
            },
            attributes {
                dWidth 10
            }
        },
        {
            delta node-XY4 : {
                x 3284,
                y -2163
            }
        },
        {
            delta node-XY5 : {
                x 4115,
                y -2716
            }
        }
    }
}
}

```



```

    }
  },
  {
    delta node-XY5 : {
      x 4450,
      y -2937
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 14,
      maneuver {maneuverStraightAllowed}
    },
    remoteIntersection {
      region 0,
      id 1010
    }
  }
}
},
{
  laneID 15,
  ingressApproach 7,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed, maneuverRightAllowed},
  nodeList nodes : {
    {
      delta node-XY4 : {
        x -3498,
        y 759
      },
      attributes {
        dWidth 10
      }
    },
    {
      delta node-XY5 : {
        x -5940,
        y 3907
      }
    },
    {
      delta node-XY4 : {
        x -3241,
        y 2122
      }
    },
    {
      delta node-XY5 : {
        x -3792,
        y 2467
      }
    },
    {
      delta node-XY4 : {
        x -2319,
        y 1515
      }
    }
  }
},

```

```

connectsTo {
  {
    connectingLane {
      lane 8,
      maneuver {maneuverStraightAllowed}
    },
    signalGroup 2
  },
  {
    connectingLane {
      lane 13,
      maneuver {maneuverRightAllowed}
    },
    signalGroup 2
  }
}
},
{
  laneID 16,
  ingressApproach 7,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY4 : {
        x -3374,
        y 1064
      },
      attributes {
        dWidth 10
      }
    },
    {
      delta node-XY5 : {
        x -5754,
        y 3824
      }
    },
    {
      delta node-XY4 : {
        x -3417,
        y 2199
      }
    },
    {
      delta node-XY5 : {
        x -3635,
        y 2418
      }
    },
    {
      delta node-XY4 : {
        x -2480,
        y 1643
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 9,
        maneuver {maneuverStraightAllowed}
      }
    }
  }
}

```

```

    },
    signalGroup 2
  }
},
{
  laneID 17,
  ingressApproach 7,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY4 : {
        x -3230,
        y 1412
      },
      attributes {
        dWidth 10
      }
    },
    {
      delta node-XY5 : {
        x -5634,
        y 3662
      }
    },
    {
      delta node-XY5 : {
        x -3539,
        y 2349
      }
    },
    {
      delta node-XY5 : {
        x -3496,
        y 2333
      }
    },
    {
      delta node-XY4 : {
        x -2613,
        y 1680
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 10,
        maneuver {maneuverStraightAllowed}
      },
      signalGroup 2
    }
  }
},
{
  laneID 18,
  ingressApproach 7,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  }
}

```

```

},
maneuvers {maneuverLeftAllowed, maneuverUTurnAllowed},
nodeList nodes : {
  {
    delta node-XY4 : {
      x -3034,
      y 1693
    },
    attributes {
      dWidth -50
    }
  },
  {
    delta node-XY4 : {
      x -2378,
      y 1537
    }
  },
  {
    delta node-XY4 : {
      x -3187,
      y 2000
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 2,
      maneuver {maneuverLeftAllowed}
    },
    signalGroup 5
  },
  {
    connectingLane {
      lane 21,
      maneuver {maneuverUTurnAllowed}
    },
    signalGroup 5
  }
},
{
  laneID 19,
  egressApproach 8,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY4 : {
        x -1935,
        y 2535
      },
      attributes {
        dWidth 10
      }
    },
    {
      delta node-XY5 : {
        x -5053,
        y 3315
      }
    }
  }
}

```

```

    },
    {
      delta node-XY5 : {
        x -4788,
        y 3086
      }
    },
    {
      delta node-XY4 : {
        x -3191,
        y 2116
      }
    },
    {
      delta node-XY4 : {
        x -2541,
        y 1755
      }
    }
  },
connectsTo {
  {
    connectingLane {
      lane 7,
      maneuver {maneuverStraightAllowed}
    },
    remoteIntersection {
      region 0,
      id 1008
    }
  }
}
},
{
  laneID 20,
  egressApproach 8,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY4 : {
        x -2342,
        y 2335
      },
      attributes {
        dWidth 10
      }
    },
    {
      delta node-XY5 : {
        x -4911,
        y 3205
      }
    },
    {
      delta node-XY5 : {
        x -4721,
        y 3120
      }
    },
    {
      delta node-XY4 : {

```

```

        x -3175,
        y 2059
    }
},
{
    delta node-XY4 : {
        x -2585,
        y 1762
    }
}
},
connectsTo {
    {
        connectingLane {
            lane 8,
            maneuver {maneuverStraightAllowed}
        },
        remoteIntersection {
            region 0,
            id 1008
        }
    }
}
},
{
    laneID 21,
    egressApproach 8,
    laneAttributes {
        directionalUse {egressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
        {
            delta node-XY4 : {
                x -2685,
                y 2149
            },
            attributes {
                dWidth 10
            }
        },
        {
            delta node-XY5 : {
                x -4748,
                y 3120
            }
        },
        {
            delta node-XY5 : {
                x -4843,
                y 3111
            }
        },
        {
            delta node-XY4 : {
                x -3019,
                y 2042
            }
        },
        {
            delta node-XY4 : {
                x -2575,
                y 1766
            }
        }
    }
}

```

```

    }
  },
  connectsTo {
    {
      connectingLane {
        lane 9,
        maneuver {maneuverStraightAllowed}
      },
      remoteIntersection {
        region 0,
        id 1008
      }
    }
  }
}
},
{
  id {
    region 0,
    id 1009
  },
  revision 2,
  refPoint {
    lat 374210843,
    long -1221382494,
    elevation 90
  },
  laneWidth 360,
  speedLimits {
    {
      type vehicleMaxSpeed,
      speed 671
    }
  },
  laneSet {
    {
      laneID 11,
      ingressApproach 5,
      laneAttributes {
        directionalUse {ingressPath},
        sharedWith {},
        laneType vehicle : {}
      },
      maneuvers {maneuverRightAllowed, goWithHalt},
      nodeList nodes : {
        {
          delta node-XY5 : {
            x 1853,
            y -3952
          }
        },
        {
          delta node-XY3 : {
            x -1124,
            y -590
          }
        },
        {
          delta node-XY3 : {
            x -818,
            y -991
          }
        },
        {
          delta node-XY5 : {

```

```

        x -2778,
        y -4357
    }
}
},
connectsTo {
    {
        connectingLane {
            lane 7,
            maneuver {maneuverRightAllowed}
        },
        signalGroup 8
    }
}
},
{
    laneID 12,
    ingressApproach 5,
    laneAttributes {
        directionalUse {ingressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed, maneuverLeftAllowed},
    nodeList nodes : {
        {
            delta node-XY4 : {
                x 1066,
                y -3226
            },
            attributes {
                dWidth -60
            }
        },
        {
            delta node-XY5 : {
                x -4152,
                y -6391
            }
        },
        {
            delta node-XY6 : {
                x -10496,
                y -15999
            }
        },
        {
            delta node-XY6 : {
                x -10433,
                y -15808
            }
        }
    },
    connectsTo {
        {
            connectingLane {
                lane 2,
                maneuver {maneuverStraightAllowed}
            },
            signalGroup 8
        },
        {
            connectingLane {
                lane 21,
                maneuver {maneuverLeftAllowed}
            },
        },
    }
}
},

```



```

        signalGroup 8
    }
}
},
{
    laneID 13,
    egressApproach 6,
    laneAttributes {
        directionalUse {egressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed, caution},
    nodeList nodes : {
        {
            delta node-XY4 : {
                x -50,
                y -2941
            }
        },
        {
            delta node-XY2 : {
                x 26,
                y -693
            }
        },
        {
            delta node-XY3 : {
                x -650,
                y -1573
            }
        }
    },
    connectsTo {
        {
            connectingLane {
                lane 14,
                maneuver {maneuverStraightAllowed}
            }
        }
    }
},
{
    laneID 14,
    egressApproach 6,
    laneAttributes {
        directionalUse {egressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
        {
            delta node-XY4 : {
                x 798,
                y -3045
            },
            attributes {
                dWidth -60
            }
        },
        {
            delta node-XY4 : {
                x -1472,
                y -2162
            }
        }
    }
}
}

```

```

    },
    {
      delta node-XY5 : {
        x -2730,
        y -4257
      }
    },
    {
      delta node-XY6 : {
        x -10543,
        y -15901
      }
    },
    {
      delta node-XY6 : {
        x -10383,
        y -15857
      }
    }
  }
},
{
  id {
    region 0,
    id 1009
  },
  revision 3,
  refPoint {
    lat 374210843,
    long -1221382494,
    elevation 90
  },
  laneWidth 330,
  laneSet {
    {
      laneID 22,
      ingressApproach 9,
      laneAttributes {
        directionalUse {ingressPath, egressPath},
        sharedWith {},
        laneType crosswalk : {hasPushToWalkButton, audioSupport}
      },
      nodeList nodes : {
        {
          delta node-XY4 : {
            x -1307,
            y 2791
          }
        },
        {
          delta node-XY3 : {
            x 1197,
            y -716
          }
        }
      },
      connectsTo {
        {
          connectingLane {
            lane 23,
            maneuver {maneuverRightAllowed}
          },
          signalGroup 6
        },
      },
    }
  },

```

```

    {
      connectingLane {
        lane 25,
        maneuver {maneuverLeftAllowed}
      },
      signalGroup 6
    }
  },
  {
    laneID 23,
    ingressApproach 10,
    laneAttributes {
      directionalUse {ingressPath, egressPath},
      sharedWith {},
      laneType crosswalk : {hasPushToWalkButton, audioSupport,
        unsignalizedSegmentsPresent}
    },
    nodeList nodes : {
      {
        delta node-XY4 : {
          x 3693,
          y -559
        }
      },
      {
        delta node-XY3 : {
          x -1052,
          y -1522
        }
      },
      {
        delta node-XY3 : {
          x -936,
          y -1384
        }
      },
      {
        delta node-XY2 : {
          x 450,
          y -862
        }
      }
    },
    connectsTo {
      {
        connectingLane {
          lane 24,
          maneuver {maneuverRightAllowed}
        },
        signalGroup 8
      },
      {
        connectingLane {
          lane 22,
          maneuver {maneuverLeftAllowed}
        },
        signalGroup 8
      }
    }
  },
  {
    laneID 24,
    ingressApproach 11,
    laneAttributes {
      directionalUse {ingressPath, egressPath},

```

```

    sharedWith {},
    laneType crosswalk : {hasPushToWalkButton, audioSupport,
        unsignalizedSegmentsPresent}
},
nodeList nodes : {
    {
        delta node-XY5 : {
            x 2155,
            y -4327
        }
    },
    {
        delta node-XY2 : {
            x -450,
            y 862
        }
    },
    {
        delta node-XY3 : {
            x -1326,
            y 785
        }
    },
    {
        delta node-XY2 : {
            x -801,
            y -297
        }
    }
},
connectsTo {
    {
        connectingLane {
            lane 25,
            maneuver {maneuverRightAllowed}
        },
        signalGroup 2
    },
    {
        connectingLane {
            lane 23,
            maneuver {maneuverLeftAllowed}
        },
        signalGroup 2
    }
},
{
    laneID 25,
    ingressApproach 12,
    laneAttributes {
        directionalUse {ingressPath, egressPath},
        sharedWith {},
        laneType crosswalk : {hasPushToWalkButton, audioSupport}
    },
    nodeList nodes : {
        {
            delta node-XY4 : {
                x -3611,
                y 182
            }
        },
        {
            delta node-XY3 : {
                x 756,
                y 1703
            }
        }
    }
}

```

```
    }
  },
  {
    delta node-XY3 : {
      x 1548,
      y 906
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 22,
      maneuver {maneuverRightAllowed}
    },
    signalGroup 4
  },
  {
    connectingLane {
      lane 24,
      maneuver {maneuverLeftAllowed}
    },
    signalGroup 4
  }
}
}
}
}
}
```