

Intersection: Clark Ave at El Camino Real, Mountain View, California

MapData payload size 642

```
payload=0012827E280B30190000040100A5F7663191418F608882014A0288BC4CB0045000000240001BDB707A4B12F92
60488100040C0111000000800002886FBD2593FCC496019A00000140006BC68434C30281461D0F0F1A6AB71E3A13863
B682BE87A214160A408800192210000C58086800000400018BEA5EB4789957F0F34698E17111768F4CC82F0488C0003
16029A000001000062EE36BA1E0FD5FA3D0F242076865748F3848761083400244A00018B018D0000005000256E32C40
23C43C4D2B4C7CC43B28B2897A0521680002909100011C07420000020000555042E8090F0F2B8AA91E2494B2110F800
800002010E0421000001000022B9B2C21E48553E3C3B288C2221001000004021C09420000020000458607DE3C41ABFC
79444E004446002000008045814A80000012002AD92680A0C0A05117BC424C8429225F6475157A350BC8AD1DAABD444
2B4432231368CF0241C80020602D8800000A00051A6D942625D12A6226B24669578790AACAD288ACDA442E845522F4E
85F96063A00000148002B3DABBFC30281461D0F10586B9CCAC2372310290B20002483C00011606BA000001000022071
83720AD57751583BE44B4121100004581CE800000400008855E514829BDE065609991701484C0001043E000B03DD000
0009000150F554A823C442ABABE410FB4E78A40A000152242000A38210400000400012D72979C0487885BB56B04335E
A3121B5F5240441E0020000080038230400000400010D57764E2179B59C90C2BAA58870054901108800800002000E09
41000001000042251CE92186956B10BBCACB886CC54C61109800800002000209B0004180005792A934823C423982981
220991824508003C105180020C0000375EA020425378A09134000A0
```

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

```
value MessageFrame ::= {
  messageId 18,
  value MapData : {
    msgIssueRevision 11,
    layerType intersectionData,
    intersections {
      {
        id {
          region 0,
          id 1025
        },
        revision 0,
        refPoint {
          lat 373941091,
          long -1220981566,
          elevation 260
        },
        laneWidth 330,
        speedLimits {
          {
            type vehicleMaxSpeed,
            speed 559
          }
        },
        laneSet {
          {
            laneID 1,
            ingressApproach 1,
            laneAttributes {
              directionalUse {ingressPath},
              sharedWith {},
              laneType vehicle : {}
            },
            maneuvers {maneuverRightAllowed, maneuverRightTurnOnRedAllowed},
            nodeList nodes : {
              {
                delta node-XY4 : {
                  x -147,
                  y 2109
                }
              },
              {
                delta node-XY5 : {
                  x 3147,
                  y 6438
                }
              }
            }
          }
        }
      }
    }
  }
}
```

```

    }
  },
  connectsTo {
    {
      connectingLane {
        lane 16,
        maneuver {maneuverRightAllowed}
      },
      signalGroup 8
    }
  }
},
{
  laneID 2,
  egressApproach 2,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverLeftAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x 134,
        y 1981
      }
    },
    {
      delta node-XY5 : {
        x 3231,
        y 6537
      }
    }
  }
},
{
  laneID 3,
  ingressApproach 3,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed, maneuverRightAllowed},
  nodeList nodes : {
    {
      delta node-XY4 : {
        x 2256,
        y 211
      },
      attributes {
        data {
          speedLimits : {
            {
              type vehicleMaxSpeed,
              speed 782
            }
          }
        },
        dWidth 30
      }
    },
    {
      delta node-XY4 : {
        x 2259,

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```

        y -1353
    }
},
{
    delta node-XY4 : {
        x 2280,
        y -1597
    }
},
{
    delta node-XY4 : {
        x 1744,
        y -1286
    }
},
{
    delta node-XY4 : {
        x 2593,
        y -2004
    }
}
},
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 1961,
                y -83
            }
        },
        {
            delta node-XY4 : {
                x 2201,
                y -1282
            }
        },
        {
            delta node-XY4 : {
                x 2467,
                y -1650
            }
        }
    }
}

```

```

    },
    {
      delta node-XY3 : {
        x 1570,
        y -1299
      }
    },
    {
      delta node-XY4 : {
        x 2662,
        y -2001
      }
    }
  },
  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 1763,
        y -326
      }
    },
    {
      delta node-XY4 : {
        x 2111,
        y -1283
      }
    },
    {
      delta node-XY4 : {
        x 2590,
        y -1784
      }
    },
    {
      delta node-XY4 : {
        x 1670,
        y -1303
      }
    },
    {
      delta node-XY4 : {
        x 2498,
        y -1930
      }
    }
  }
},
connectsTo {

```

```

    {
      connectingLane {
        lane 6,
        maneuver {maneuverStraightAllowed}
      }
    },
    {
      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 1478,
          y -632
        },
        attributes {
          dWidth -30
        }
      },
      {
        delta node-XY4 : {
          x 2202,
          y -1325
        }
      },
      {
        delta node-XY4 : {
          x 3268,
          y -2203
        }
      },
      {
        delta node-XY3 : {
          x 1186,
          y -536
        }
      }
    },
    connectsTo {
      {
        connectingLane {
          lane 11,
          maneuver {maneuverLeftAllowed}
        },
        signalGroup 1
      },
      {
        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 642,
                y -1676
            },
            attributes {
                dWidth 30
            }
        },
        {
            delta node-XY4 : {
                x 2396,
                y -1367
            }
        },
        {
            delta node-XY4 : {
                x 2194,
                y -1447
            }
        }
    },
    connectsTo {
        {
            connectingLane {
                lane 15,
                maneuver {maneuverStraightAllowed}
            },
            remoteIntersection {
                region 0,
                id 1026
            }
        }
    }
},
{
    laneID 8,
    egressApproach 4,
    laneAttributes {
        directionalUse {egressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x 923,
                y -1342
            }
        },
        {

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```

    delta node-XY4 : {
      x 2337,
      y -1377
    }
  },
  {
    delta node-XY4 : {
      x 2166,
      y -1501
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 16,
      maneuver {maneuverStraightAllowed}
    },
    remoteIntersection {
      region 0,
      id 1026
    }
  }
}
},
{
  laneID 9,
  egressApproach 4,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x 1072,
        y -1041
      }
    },
    {
      delta node-XY4 : {
        x 2179,
        y -1281
      }
    },
    {
      delta node-XY4 : {
        x 2372,
        y -1600
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 17,
        maneuver {maneuverStraightAllowed}
      },
      remoteIntersection {
        region 0,
        id 1026
      }
    }
  }
}
}

```

```

},
{
  laneID 10,
  ingressApproach 5,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverRightAllowed, maneuverRightTurnOnRedAllowed},
  nodeList nodes : {
    {
      delta node-XY4 : {
        x -877,
        y -2038
      },
      attributes {
        data {
          speedLimits : {
            {
              type vehicleMaxSpeed,
              speed 559
            }
          }
        },
        dWidth -30
      }
    },
    {
      delta node-XY3 : {
        x -824,
        y -983
      }
    },
    {
      delta node-XY5 : {
        x -3333,
        y -5910
      }
    },
    {
      delta node-XY6 : {
        x -8563,
        y -15630
      }
    },
    {
      delta node-XY6 : {
        x -5907,
        y -10774
      }
    },
    {
      delta node-XY5 : {
        x -3923,
        y -7118
      }
    },
    {
      delta node-XY5 : {
        x -1893,
        y -3682
      }
    }
  },
  connectsTo {

```



```

    {
      connectingLane {
        lane 7,
        maneuver {maneuverRightAllowed}
      },
      signalGroup 8
    }
  },
  {
    laneID 11,
    egressApproach 6,
    laneAttributes {
      directionalUse {egressPath},
      sharedWith {},
      laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed, maneuverRightAllowed},
    nodeList nodes : {
      {
        delta node-XY4 : {
          x -1610,
          y -1517
        }
      },
      {
        delta node-XY3 : {
          x -559,
          y -1370
        }
      },
      {
        delta node-XY5 : {
          x -3239,
          y -5939
        }
      },
      {
        delta node-XY6 : {
          x -8674,
          y -15701
        }
      },
      {
        delta node-XY6 : {
          x -5820,
          y -10643
        }
      },
      {
        delta node-XY5 : {
          x -3910,
          y -7083
        }
      },
      {
        delta node-XY5 : {
          x -2137,
          y -3905
        }
      }
    }
  },
  {
    laneID 12,
    ingressApproach 7,

```

```

laneAttributes {
  directionalUse {ingressPath},
  sharedWith {},
  laneType vehicle : {}
},
maneuvers {maneuverStraightAllowed, maneuverRightAllowed,
  maneuverRightTurnOnRedAllowed},
nodeList nodes : {
  {
    delta node-XY4 : {
      x -2123,
      y -257
    },
    attributes {
      data {
        speedLimits : {
          {
            type vehicleMaxSpeed,
            speed 782
          }
        }
      },
      dWidth 30
    }
  },
  {
    delta node-XY5 : {
      x -6778,
      y 3699
    }
  },
  {
    delta node-XY6 : {
      x -7909,
      y 4488
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 11,
      maneuver {maneuverRightAllowed}
    },
    signalGroup 2
  },
  {
    connectingLane {
      lane 7,
      maneuver {maneuverStraightAllowed}
    },
    signalGroup 2
  }
},
{
  laneID 13,
  ingressApproach 7,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {

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```

    delta node-XY3 : {
      x -1935,
      y 55
    }
  },
  {
    delta node-XY5 : {
      x -6806,
      y 3818
    }
  },
  {
    delta node-XY6 : {
      x -7953,
      y 4397
    }
  }
},
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 -1705,
        y 325
      }
    },
    {
      delta node-XY5 : {
        x -6857,
        y 3843
      }
    },
    {
      delta node-XY6 : {
        x -8039,
        y 4464
      }
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 9,
      maneuver {maneuverStraightAllowed}
    },
    signalGroup 2
  },
  {

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```

        connectingLane {
            lane 15,
            maneuver {maneuverStraightAllowed}
        }
    },
    {
        laneID 15,
        ingressApproach 7,
        laneAttributes {
            directionalUse {ingressPath},
            sharedWith {},
            laneType vehicle : {}
        },
        maneuvers {maneuverStraightAllowed, maneuverUTurnAllowed},
        nodeList nodes : {
            {
                delta node-XY3 : {
                    x -1558,
                    y 661
                },
                attributes {
                    dWidth -30
                }
            },
            {
                delta node-XY5 : {
                    x -5458,
                    y 3044
                }
            },
            {
                delta node-XY3 : {
                    x -1546,
                    y 463
                }
            }
        },
        connectsTo {
            {
                connectingLane {
                    lane 2,
                    maneuver {maneuverStraightAllowed}
                },
                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 -1132,
        y 1948
      },
      attributes {
        dWidth 30
      }
    },
    {
      delta node-XY5 : {
        x -5258,
        y 2904
      }
    },
    {
      delta node-XY5 : {
        x -4905,
        y 2609
      }
    },
    {
      delta node-XY5 : {
        x -4689,
        y 2632
      }
    }
  },
connectsTo {
  {
    connectingLane {
      lane 7,
      maneuver {maneuverStraightAllowed}
    },
    remoteIntersection {
      region 0,
      id 1024
    }
  }
}
},
{
  laneID 17,
  egressApproach 8,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY4 : {
        x -1349,
        y 1614
      }
    },
    {
      delta node-XY5 : {
        x -5171,
        y 2873
      }
    },
    {
      delta node-XY5 : {
        x -5077,

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        y 2710
    }
},
{
    delta node-XY5 : {
        x -4608,
        y 2632
    }
}
},
connectsTo {
    {
        connectingLane {
            lane 8,
            maneuver {maneuverStraightAllowed}
        },
        remoteIntersection {
            region 0,
            id 1024
        }
    }
}
},
{
    laneID 18,
    egressApproach 8,
    laneAttributes {
        directionalUse {egressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x -1455,
                y 1257
            }
        },
        {
            delta node-XY5 : {
                x -5068,
                y 2774
            }
        },
        {
            delta node-XY5 : {
                x -5188,
                y 2862
            }
        },
        {
            delta node-XY5 : {
                x -4712,
                y 2659
            }
        }
    }
},
connectsTo {
    {
        connectingLane {
            lane 9,
            maneuver {maneuverStraightAllowed}
        },
        remoteIntersection {
            region 0,

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```

        id 1024
    }
}
},
{
    laneID 19,
    laneAttributes {
        directionalUse {ingressPath, egressPath},
        sharedWith {},
        laneType crosswalk : {hasPushToWalkButton, audioSupport}
    },
    nodeList nodes : {
        {
            delta node-XY4 : {
                x 2346,
                y 617
            },
            attributes {
                dWidth -30
            }
        },
        {
            delta node-XY3 : {
                x -1128,
                y -1384
            }
        },
        {
            delta node-XY3 : {
                x -959,
                y -1245
            }
        }
    },
    connectsTo {
        {
            connectingLane {
                lane 20,
                maneuver {maneuverRightAllowed}
            },
            signalGroup 15
        }
    }
},
{
    laneID 20,
    laneAttributes {
        directionalUse {ingressPath, egressPath},
        sharedWith {},
        laneType crosswalk : {hasPushToWalkButton, audioSupport}
    },
    nodeList nodes : {
        {
            delta node-XY4 : {
                x -323,
                y -2040
            }
        },
        {
            delta node-XY3 : {
                x -1751,
                y 965
            }
        }
    },
},

```

```
connectsTo {
  {
    connectingLane {
      lane 19,
      maneuver {maneuverLeftAllowed}
    },
    signalGroup 10
  }
}
}
}
}
}
}
```