

Intersection: Distel Circle at El Camino Real, Mountain View, California

MapData payload size 628

```
payload=00128270280B3019000003FF00A5F791D291412BBA08780168028C384CB004D000000840011DFE22A63E0DA5F
478485B80243A00018B008D0000008000117A24310F7AA9661E2956E0090F800062C0334000002000085C10EC23E15A
5C85C0C9901D80A3852210000C1048002C0434000001400055A28C7808F112FCD5D643D62030A4250000520E2000238
0A8400000400002AB18518121E16B7A700444200200000800380C8400000400000AD989DC5AA49BA111180080000200
0E03A1000001000002C34372168D2818444A002000008005810A80000032001AD9A888C0C0A05117BC4458CCF41229C
4611117AF43F48A941816290520008488200040C04B1000001C000635BAA5788B4F9DEA452B0C7722F12893114C0306
8B029D000000A4002504D34D0605028C3A1E21FA348D95804246746664AAF0A4248000920B000045816E80000040001
08541FBC880BD1E055FCA91B11998AACC0906800022C0C740000020000843D5216441C28AA2AFA2C9290CDEB4D31483
C00010436000B035D00000010001515CD12823C43146DE482451FF0244040014703A08000008000452D37738243C442
968211981EAE0345CCFDC8819D19C33A9D2BC2209001000003FE1C0F820000020001049C3B5C445467B919772AF4341
9D1A08817D1AE33BCD1B0220B001000003FE1C10820000020001048AD92044656758195C2BEE33E9514088485172337
AD390620D001000003FE088C000E08C100000020002D635B91DF0478825C9DE909DFB0EC02182000824C0010600011D
FE263E244F21812581550244C80040104D80020C000037B69D5443537F229124000A48A10005020A300040000046820
6538AE7371C56FFAB2091340010
```

gov.usdot.asn1.generated.j2735.dsorc.MessageFrame

```
value MessageFrame ::= {
  messageId 18,
  value MapData : {
    msgIssueRevision 11,
    layerType intersectionData,
    intersections {
      {
        id {
          region 0,
          id 1023
        },
        revision 0,
        refPoint {
          lat 373963429,
          long -1221032587,
          elevation 240
        },
        laneWidth 360,
        speedLimits {
          {
            type vehicleMaxSpeed,
            speed 782
          }
        },
        laneSet {
          {
            laneID 1,
            ingressApproach 3,
            laneAttributes {
              directionalUse {ingressPath},
              sharedWith {},
              laneType vehicle : {}
            },
            maneuvers {maneuverStraightAllowed, maneuverRightTurnOnRedAllowed},
            nodeList nodes : {
              {
                delta node-XY4 : {
                  x 2040,
                  y 339
                }
              },
              {
                delta node-XY4 : {
                  x 3099,
                  y -1667
                }
              }
            }
          }
        }
      }
    }
  }
}
```

```

    },
    {
      delta node-XY4 : {
        x 2120,
        y -1168
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 14,
        maneuver {maneuverStraightAllowed}
      },
      signalGroup 6
    }
  }
},
{
  laneID 2,
  ingressApproach 3,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x 1860,
        y 98
      }
    },
    {
      delta node-XY4 : {
        x 3029,
        y -1690
      }
    },
    {
      delta node-XY4 : {
        x 2213,
        y -1168
      }
    }
  }
},
  connectsTo {
    {
      connectingLane {
        lane 15,
        maneuver {maneuverStraightAllowed}
      },
      signalGroup 6
    }
  }
},
{
  laneID 3,
  ingressApproach 3,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},

```

```

nodeList nodes : {
  {
    delta node-XY3 : {
      x 1544,
      y -159
    }
  },
  {
    delta node-XY4 : {
      x 3115,
      y -1678
    }
  },
  {
    delta node-XY3 : {
      x 1542,
      y -824
    }
  },
  {
    delta node-XY2 : {
      x 704,
      y -370
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 16,
      maneuver {maneuverStraightAllowed}
    },
    signalGroup 6
  },
  {
    connectingLane {
      lane 4,
      maneuver {maneuverStraightAllowed}
    }
  }
},
{
  laneID 4,
  ingressApproach 3,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverLeftAllowed, maneuverUTurnAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x 1300,
        y -452
      },
      attributes {
        dWidth -30
      }
    },
    {
      delta node-XY5 : {
        x 4045,
        y -2215
      }
    }
  }
}

```

```

    },
    {
      delta node-XY2 : {
        x 856,
        y 6
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 9,
        maneuver {maneuverLeftAllowed}
      },
      signalGroup 1
    },
    {
      connectingLane {
        lane 7,
        maneuver {maneuverUTurnAllowed}
      },
      signalGroup 1
    }
  }
},
{
  laneID 5,
  egressApproach 4,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x 710,
        y -1722
      },
      attributes {
        dWidth 30
      }
    },
    {
      delta node-XY3 : {
        x 1391,
        y -800
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 16,
        maneuver {maneuverStraightAllowed}
      },
      remoteIntersection {
        region 0,
        id 1024
      }
    }
  }
},
{
  laneID 6,

```

```

egressApproach 4,
laneAttributes {
  directionalUse {egressPath},
  sharedWith {},
  laneType vehicle : {}
},
maneuvers {maneuverStraightAllowed},
nodeList nodes : {
  {
    delta node-XY3 : {
      x 870,
      y -1417
    }
  },
  {
    delta node-XY3 : {
      x 1362,
      y -803
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 17,
      maneuver {maneuverStraightAllowed}
    },
    remoteIntersection {
      region 0,
      id 1024
    }
  }
}
},
{
  laneID 7,
  egressApproach 4,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x 1076,
        y -1166
      }
    },
    {
      delta node-XY3 : {
        x 1306,
        y -765
      }
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 18,
      maneuver {maneuverStraightAllowed}
    },
    remoteIntersection {
      region 0,
      id 1024
    }
  }
}
}

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```

    }
  }
},
{
  laneID 8,
  ingressApproach 5,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverLeftAllowed, maneuverRightAllowed, maneuverRightTurnOnRedAllowed},
  nodeList nodes : {
    {
      delta node-XY4 : {
        x -812,
        y -1908
      },
      attributes {
        data {
          speedLimits : {
            {
              type vehicleMaxSpeed,
              speed 559
            }
          },
          dWidth -30
        }
      },
    },
    {
      delta node-XY5 : {
        x -2509,
        y -4287
      }
    },
    {
      delta node-XY5 : {
        x -2846,
        y -5086
      }
    },
    {
      delta node-XY5 : {
        x -2129,
        y -3843
      }
    },
    {
      delta node-XY5 : {
        x -2776,
        y -5109
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 5,
        maneuver {maneuverRightAllowed}
      },
      signalGroup 8
    },
    {
      connectingLane {

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        lane 16,
        maneuver {maneuverLeftAllowed}
    },
    signalGroup 8
}
},
{
    laneID 9,
    egressApproach 6,
    laneAttributes {
        directionalUse {egressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed, maneuverLeftAllowed, maneuverRightAllowed},
    nodeList nodes : {
        {
            delta node-XY4 : {
                x -1163,
                y -1698
            }
        },
        {
            delta node-XY5 : {
                x -2401,
                y -4363
            }
        },
        {
            delta node-XY5 : {
                x -2900,
                y -5001
            }
        },
        {
            delta node-XY5 : {
                x -2167,
                y -3802
            }
        },
        {
            delta node-XY5 : {
                x -2880,
                y -5094
            }
        }
    }
},
{
    laneID 10,
    ingressApproach 7,
    laneAttributes {
        directionalUse {ingressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed, maneuverRightAllowed,
        maneuverRightTurnOnRedAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x -1894,
                y -358
            },
            attributes {

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```

    data {
      speedLimits : {
        {
          type vehicleMaxSpeed,
          speed 782
        }
      },
      dWidth 30
    }
  },
  {
    delta node-XY5 : {
      x -4143,
      y 2331
    }
  },
  {
    delta node-XY6 : {
      x -8176,
      y 4509
    }
  },
  {
    delta node-XY4 : {
      x -2460,
      y 1374
    }
  }
},
connectsTo {
  {
    connectingLane {
      lane 9,
      maneuver {maneuverRightAllowed}
    },
    signalGroup 2
  },
  {
    connectingLane {
      lane 5,
      maneuver {maneuverStraightAllowed}
    },
    signalGroup 2
  }
}
},
{
  laneID 11,
  ingressApproach 7,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x -1712,
        y -17
      }
    },
    {
      delta node-XY5 : {
        x -4073,

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        y 2288
    }
},
{
    delta node-XY6 : {
        x -8246,
        y 4529
    }
},
{
    delta node-XY4 : {
        x -2462,
        y 1382
    }
}
},
connectsTo {
    {
        connectingLane {
            lane 6,
            maneuver {maneuverStraightAllowed}
        },
        signalGroup 2
    }
}
},
{
    laneID 12,
    ingressApproach 7,
    laneAttributes {
        directionalUse {ingressPath},
        sharedWith {},
        laneType vehicle : {}
    },
    maneuvers {maneuverStraightAllowed},
    nodeList nodes : {
        {
            delta node-XY3 : {
                x -1558,
                y 267
            }
        },
        {
            delta node-XY5 : {
                x -3984,
                y 2218
            }
        },
        {
            delta node-XY6 : {
                x -8379,
                y 4690
            }
        },
        {
            delta node-XY4 : {
                x -2315,
                y 1235
            }
        }
    }
},
connectsTo {
    {
        connectingLane {
            lane 7,
            maneuver {maneuverStraightAllowed}
        }
    }
}
}

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```

    },
    signalGroup 2
  },
  {
    connectingLane {
      lane 13,
      maneuver {maneuverStraightAllowed}
    }
  }
},
{
  laneID 13,
  ingressApproach 7,
  laneAttributes {
    directionalUse {ingressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverUTurnAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x -1351,
        y 549
      },
      attributes {
        dWidth -30
      }
    },
    {
      delta node-XY4 : {
        x -3443,
        y 1938
      }
    },
    {
      delta node-XY2 : {
        x -748,
        y -2
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 16,
        maneuver {maneuverUTurnAllowed}
      },
      signalGroup 5
    }
  }
},
{
  laneID 14,
  egressApproach 8,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x -602,

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    y 1767
  },
  attributes {
    dWidth 30
  }
},
{
  delta node-XY5 : {
    x -3931,
    y 2081
  }
},
{
  delta node-XY4 : {
    x -2553,
    y 1392
  }
},
{
  delta node-XY4 : {
    x -1863,
    y 1015
  }
},
{
  delta node-XY5 : {
    x -4045,
    y 2254
  }
},
{
  delta node-XY4 : {
    x -2221,
    y 1199
  }
}
},
connectsTo {
  {
    connectingLane {
      lane 4,
      maneuver {maneuverStraightAllowed}
    },
    remoteIntersection {
      region 0,
      id 1022
    }
  }
}
},
{
  laneID 15,
  egressApproach 8,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x -799,
        y 1454
      }
    }
  },

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```

    {
      delta node-XY5 : {
        x -3759,
        y 1977
      }
    },
    {
      delta node-XY4 : {
        x -2596,
        y 1402
      }
    },
    {
      delta node-XY4 : {
        x -1997,
        y 1128
      }
    },
    {
      delta node-XY5 : {
        x -4049,
        y 2263
      }
    },
    {
      delta node-XY4 : {
        x -2183,
        y 1132
      }
    }
  },
  connectsTo {
    {
      connectingLane {
        lane 5,
        maneuver {maneuverStraightAllowed}
      },
      remoteIntersection {
        region 0,
        id 1022
      }
    }
  }
},
{
  laneID 16,
  egressApproach 8,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverStraightAllowed},
  nodeList nodes : {
    {
      delta node-XY3 : {
        x -938,
        y 1168
      }
    },
    {
      delta node-XY5 : {
        x -3691,
        y 1880
      }
    }
  },

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```

    {
      delta node-XY4 : {
        x -2704,
        y 1527
      }
    },
    {
      delta node-XY4 : {
        x -2094,
        y 1104
      }
    },
    {
      delta node-XY5 : {
        x -3952,
        y 2233
      }
    },
    {
      delta node-XY4 : {
        x -2315,
        y 1252
      }
    }
  },
connectsTo {
  {
    connectingLane {
      lane 6,
      maneuver {maneuverStraightAllowed}
    },
    remoteIntersection {
      region 0,
      id 1022
    }
  },
  {
    connectingLane {
      lane 17,
      maneuver {maneuverStraightAllowed}
    }
  }
},
{
  laneID 17,
  egressApproach 8,
  laneAttributes {
    directionalUse {egressPath},
    sharedWith {},
    laneType vehicle : {}
  },
  maneuvers {maneuverUTurnAllowed},
  nodeList nodes : {
    {
      delta node-XY6 : {
        x -7333,
        y 4575
      },
      attributes {
        dWidth -30
      }
    },
    {
      delta node-XY2 : {
        x -654,

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```

        y -67
    }
},
{
    delta node-XY5 : {
        x -5665,
        y 3131
    }
}
},
connectsTo {
    {
        connectingLane {
            lane 12,
            maneuver {maneuverUTurnAllowed}
        }
    }
}
},
{
    laneID 18,
    laneAttributes {
        directionalUse {ingressPath, egressPath},
        sharedWith {},
        laneType crosswalk : {hasPushToWalkButton, audioSupport}
    },
    nodeList nodes : {
        {
            delta node-XY4 : {
                x 2040,
                y 799
            }
        },
        {
            delta node-XY3 : {
                x -945,
                y -1512
            }
        },
        {
            delta node-XY3 : {
                x -848,
                y -1366
            }
        }
    }
},
connectsTo {
    {
        connectingLane {
            lane 19,
            maneuver {maneuverRightAllowed}
        },
        signalGroup 16
    }
}
},
{
    laneID 19,
    laneAttributes {
        directionalUse {ingressPath, egressPath},
        sharedWith {},
        laneType crosswalk : {hasPushToWalkButton, audioSupport}
    },
    nodeList nodes : {
        {
            delta node-XY4 : {

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```

        x -147,
        y -2219
    }
},
{
    delta node-XY3 : {
        x -1623,
        y 1017
    }
}
},
connectsTo {
    {
        connectingLane {
            lane 18,
            maneuver {maneuverLeftAllowed}
        },
        signalGroup 10
    },
    {
        connectingLane {
            lane 20,
            maneuver {maneuverRightAllowed}
        },
        signalGroup 10
    }
}
},
{
    laneID 20,
    laneAttributes {
        directionalUse {ingressPath, egressPath},
        sharedWith {},
        laneType crosswalk : {}
    },
    nodeList nodes : {
        {
            delta node-XY4 : {
                x -2016,
                y -857
            }
        },
        {
            delta node-XY3 : {
                x 924,
                y 1479
            }
        },
        {
            delta node-XY3 : {
                x 895,
                y 1369
            }
        }
    },
    connectsTo {
        {
            connectingLane {
                lane 19,
                maneuver {maneuverLeftAllowed}
            },
            signalGroup 16
        }
    }
}
}
}

```

}
}
}