```
MAP_Name           IntersectionName        /* STRING              */
MAP_Version        verNum                  /* INTEGER, 0 - 127    */
RegionalID         regionalID              /* INTEGER, 0 - 65535  */
IntersectionID     intersectionID          /* INTEGER, 0 - 65535  */
WithElevation      withElevation           /* STRING, choice of "yes", "no". If "yes", include elevation in ref_point */
Reference_point    latitude longitude elevation
                                           /* latitude & longitude in degree, elevation in meter. */
ApproachID         approachID              /* INTEGER, 1 - 15. Start at west-inbound approach and move clockwise to
                                                  north-outbound approach */
  Approach_type    approachType            /* STRING, choice of "inbound", "outbound", and "crosswalk" */
  Speed_limit      speedLimit              /* INTEGER, in mph. Set to 0 for crosswalks */
  Lane_seq         laneSeq                 /* INTEGER, start from the curb lane (1) increasing towards the center of road */
    Lane_type      laneType                /* STRING, choice of "traffic" and "crosswalk" */
    Lane_phaseNo lanePhase                 /* INTEGER, 1 - 8, the signal phase that controls the lane movement.
                                                  Set to 0 for outbound lanes */
    Lane_width     laneWidth               /* INTEGER, in centimeters */
    Lane_Use
      laneUseRestriction                   /* STRING. For traffic lane, choice of "flyOverLane", "hovOnly", busOnly", "TaxiOnly",
                                                    "private", "hasIRbeaconCoverage".
                                              For crosswalk, choice of "flyOverLane", "bicyleUseAllowed", "hasPushButton",
                                                    "pedRecallOn", "audioSupport", "unsignalizedSegmentsPresent"          */
      ......                               /* One restriction per row. Can skip LaneUse / EndLaneUse if no restrictions apply */
    End_LaneUse
    Lane_Rules
      laneRule                             /* STRING, apply to traffic lane only. Choice of "leftTurnOnRedAllowed",
                                                "rightTurnOnRedAllowed", "laneChangeAllowed", "noStopping", "yield",
                                                "goWithHalt", "caution"                                               */
      ......                               /* One rule per row. Can skip LaneRules / EndLaneRules if no rules apply */
    End_LaneRules
    Lane_Nodes                             /* Number of nodes should be between 2 and 63      */
      latitude longitude                   /* latitude longitude in degree, one node per row */
      ......                               /* Repeat for all nodes, start at the stop-line and move away from the intersection */
    End_Nodes
    Lane_ConnectsTo                        /* Number of Connecting lanes should be between 1 - 16 */
      regionalID.intersectionID.approachID.laneSeq connManeuver
                                           /* connManeuver: STRING, choice of "uTurn", "leftTurn", "rightTurn", and
                                                "straightAhead" */
      ......                               /* Repeat for all connecting lanes, one connecting lane per row. */
    End_LaneConnectsTo
  Lane_seq         laneSeq                 /* Repeat for all lanes on the approach */
  ......
ApproachID         approachID             /* Repeat for all approaches at the intersection */
......
End_MAP
```