

6 サンプルデータ

本書の理解を得やすくすることを目的に作成したサンプルデータを以下に示す。

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<RoadGmxml xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="RoadGmxml.xsd">
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  <ProjectName>〇〇道路詳細設計</ProjectName>
  <CreatorInfo>
    <Person>山田太郎</Person>
    <Company>〇〇設計株式会社</Company>
  </CreatorInfo>
  <CreateDate>2006-06-22</CreateDate>
  <ProjectPhase>詳細</ProjectPhase>
  <Note>道路中心線形データ交換標準（案） サンプルデータ</Note>
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  <CRS CRSName="CRS1">
    <GeodeticDatum>JGD2000</GeodeticDatum>
    <VerticalDatum StdName="T.P." DifferToTP="0.000000"/>
    <HorizontalCoordinateSystem>9(X,Y)</HorizontalCoordinateSystem>
    <VerticalCoordinateSystem>H</VerticalCoordinateSystem>
    <Remark>第 9 系</Remark>
  </CRS>
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TrafficVolume="28400" DesignSpeed="100">
  <GmPntsGrp>
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      <GmPnt Name="kousa1" x="2480.728421" y="27341.811548"/>
      <GmPnt Name="kousa2" x="693.902632" y="28259.893773"/>
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  </GmPntsGrp>
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    <Alignment Name="MARUMARUDOU" RefCRS="CRS1" Note="a. 〇〇道 [国土交通省側]">
      <Horizontal Name="平面線形 1" StartStationNO="-9" StartAddDist="12.849540" CumulativeDist="-912.849540"
EndStationNO="75" EndAddDist="99.775792" Length="8512.625332" Method="要素法">
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        <Interval Main="100"/>
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        <ElementPnt Name="BC01-0" x="3937.000000" y="25640.000000"/>
        <ElementPnt Name="EBC01-1" x="3481.593670" y="26326.382810"/>
        <ElementPnt Name="KAE01-1" x="1943.410254" y="27759.551716"/>
        <ElementPnt Name="KEE01-1" x="1628.169584" y="27962.242624"/>
        <ElementPnt Name="KE01-1" x="1250.155612" y="28121.347378"/>
        <ElementPnt Name="KA02-1" x="977.625590" y="28190.587501"/>
        <ElementPnt Name="KE02-1" x="654.200632" y="28271.066864"/>
        <ElementPnt Name="KAE02-1" x="-265.573235" y="28717.842516"/>
        <ElementPnt Name="KEE02-1" x="-397.635376" y="28819.460318"/>
        <ElementPnt Name="KE02-2" x="-1117.903288" y="30452.402920"/>
        <ElementPnt Name="KA03-1" x="-1091.522565" y="30732.350888"/>
        <ElementPnt Name="KE03-1" x="-1069.783839" y="30971.295794"/>
        <ElementPnt Name="KE03-2" x="-1102.102468" y="31341.996868"/>
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    <PI Name="IP1" x="2822.105260" y="27767.725679" Note="BC01-0～KA02-1 間"/>
    <PI Name="IP2" x="-1328.923412" y="28719.382440" Note="KA02-1～KA03-1 間"/>
    <PI Name="IP3" x="-1041.021099" y="31160.562746" Note="KA03-1～KA03-2 間"/>
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    <IntermediatePnt Name="-0+87.666061" x="3481.593670" y="26326.382810" CumulativeDist="-87.666061"
TangentDirectionAngle="129-30-04.194"/>
    <IntermediatePnt Name="0+00.000000" x="3425.492581" y="26393.746963" CumulativeDist="0.000000"
TangentDirectionAngle="130-10-23.501"/>
    <IntermediatePnt Name="1+00.000000" x="3360.601734" y="26469.832756" CumulativeDist="100.000000"
TangentDirectionAngle="130-53-21.811"/>
    <IntermediatePnt Name="2+00.000000" x="3294.764909" y="26545.101490" CumulativeDist="200.000000"
TangentDirectionAngle="131-36-20.121"/>
    <IntermediatePnt Name="3+00.000000" x="3227.992393" y="26619.541404" CumulativeDist="300.000000"
TangentDirectionAngle="132-19-18.431"/>
    <IntermediatePnt Name="4+00.000000" x="3160.294619" y="26693.140869" CumulativeDist="400.000000"
TangentDirectionAngle="133-02-16.741"/>
    <IntermediatePnt Name="5+00.000000" x="3091.682164" y="26765.888383" CumulativeDist="500.000000"
TangentDirectionAngle="133-45-15.051"/>
    <IntermediatePnt Name="6+00.000000" x="3022.165749" y="26837.772581" CumulativeDist="600.000000"
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</RoadGm>

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TangentDirectionAngle="135-54-09.981"/>
    <IntermediatePnt Name="9+00.000000" x="2808.302059" y="27048.133641" CumulativeDist="900.000000"
TangentDirectionAngle="136-37-08.292"/>
    <IntermediatePnt Name="10+00.000000" x="2735.279810" y="27116.453629" CumulativeDist="1000.000000"
TangentDirectionAngle="137-20-06.602"/>
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TangentDirectionAngle="138-03-04.912"/>
    <IntermediatePnt Name="12+00.000000" x="2586.702034" y="27250.328800" CumulativeDist="1200.000000"
TangentDirectionAngle="138-46-03.222"/>
    <IntermediatePnt Name="13+00.000000" x="2511.169722" y="27315.863064" CumulativeDist="1300.000000"
TangentDirectionAngle="139-29-01.532"/>
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TangentDirectionAngle="140-11-59.842"/>
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    <IntermediatePnt Name="17+00.000000" x="2201.027829" y="27568.407467" CumulativeDist="1700.000000"
TangentDirectionAngle="142-20-54.772"/>
    <IntermediatePnt Name="18+00.000000" x="2121.549769" y="27629.096079" CumulativeDist="1800.000000"
TangentDirectionAngle="143-03-53.082"/>
    <IntermediatePnt Name="19+00.000000" x="2041.319329" y="27688.786501" CumulativeDist="1900.000000"
TangentDirectionAngle="143-46-51.392"/>
    <IntermediatePnt Name="20+00.000000" x="1960.349047" y="27747.469404" CumulativeDist="2000.000000"
TangentDirectionAngle="144-29-49.702"/>
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  (※一部省略)

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  <GmElement Name="CURVE02" StartElementPnt="EBC01-1" EndElementPnt="KAE01-1" RefPI="IP1">
    <Curve Direction="cw" Radius="8000.000000" Length="2108.472435"/>
  </GmElement>
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Length="375.000000"/>
  </GmElement>
  <GmElement Name="CURVE03" StartElementPnt="KEE01-1" EndElementPnt="KE01-1" RefPI="IP1">
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  <GmElement Name="CLOTHOID02" StartElementPnt="KE01-1" EndElementPnt="KA02-1" RefPI="IP1">
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Length="333.333333"/>
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Length="166.666667"/>
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Length="281.250000"/>
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Length="240.000000"/>
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    <SPVIPnt StationNO="73" AddDist="59.775792" CumulativeDist="7359.775792" Grade="3.000000"/>
    <SPVIPnt StationNO="75" AddDist="19.775792" CumulativeDist="7519.775792" Grade="2.000000"/>
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  <CPVI IsSide="非分離右側線外側車道縁">
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    <ExVerticalSurfaceLinePnt StationNO="11" AddDist="11.335136" CumulativeDist="1111.335136" E="179.000000"/>
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