



SOUTH POINT CONSTRUCTORS

SE CONNECTOR DESIGN-BUILD PROJECT

Design and Professional Services Scopes of Work

Roadway Design

- Geometric Design
- Frontage Road Design
- Intersection Design
- Plan & Profile Preparation
- Driveway Design
- ADA Compliance
- Bentley OpenRoad Designer (3D Modeling)
- Miscellaneous Roadway Design Elements
- Perform Quality Control in Conformance with Project Design Quality Management Plans
- Provide Continuing Ad-Hoc support to Design Team
- Design based on TxDOT Criteria and Specifications

Noise Wall Design

- Geometric Design
- General Notes
- Plan & Profile Preparation
- Structural Details
- Design Coordination Environmental Team
- Design Coordination with Utility Team
- Perform Quality Control in Conformance with Project Design Quality Management Plans
- Design based on TxDOT Criteria and Specifications

Drainage Design

- Perform Hydrologic Offsite and Onsite Assessment
- Storm Sewer Design utilizing OpenRoads Design Software
- Prepare Stream Crossing Hydraulic for No-Rise Certifications utilizing HEC-RAS and HY-8
- Bridge Class Culverts Design
- Miscellaneous Drainage Special Details
- Perform Quality Control in Conformance with Project Design Quality Management Plans
- Provide Continuing Ad-Hoc support to Design Team
- Design based on TxDOT Criteria and Specifications

Structures Design

- Bridge Design (Concrete Structures)
- Bridge Design will include Bridge Layouts and Details
- Preformed Independent Design Check on Bridge Structures
- Perform Quality Control in Conformance with Project Design Quality Management Plans
- Design based on TxDOT Criteria and Specifications



StormWater Pollution Prevention Plans (SW3P)

- Prepare SW3P Plan Layouts and Details
- Perform Quality Control in Conformance with Project Design Quality Management Plans
- Design based on TxDOT Criteria and Specifications

Maintenance of Traffic (MOT)

- Design of Temporary Guides and Regularity Signage in Accordance with Maintenance of Traffic (MOT) performed by others
- Perform Quality Control in Conformance with Project Design Quality Management Plans
- Provide Continuing Ad-Hoc support to Design Team
- Design based on TxDOT Criteria and Specifications

Signing and Pavement Markings

- Prepare Layouts of Regulatorily Signs in accordance of Roadway Design
 - Prepare Summaries of Small and Large Signs
 - Prepare Layouts of pavement markings and channelization devices
 - Perform Quality Control in Conformance with Project Design Quality Management Plans
 - Design based on TxDOT Criteria and Specifications
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