

# Roadway Design Unit

## **A) Plan Review Section**

- Manage design activities associated with the preparation of preliminary, right of way, and final construction plans for Centrally Managed projects.
- Provide guidance on policies and procedures and technical expertise on plan preparation as it relates to roadway design geometrics for Division Managed projects.

## **B) Specialty Functions Section**

### ➤ **Lighting & Electrical**

- Preparation of plans, specifications, and estimates (PS&E) of lighting and/or electrical systems for roadways, interchanges, bridges, tunnels, truck weight stations, rest areas, sewage pumping stations and other locations.
- Provide assistance to municipalities and others in the design of lighting and electrical systems associated with roadways.
- Physically testing or directing others in the testing of completed L&E work to assure compliance with the contract and to test electrical properties of circuits before acceptance of and payment for projects.

### ➤ **Special Studies**

- Provide municipal bridge reviews, municipal bond project reviews, greenway projects, non-utility encroachments, eastern federal land bridges, light rail, weigh station, truck escape ramps, and bus stop and shelter projects.

## **C) Support Services Section**

### ➤ **Design/Business Support**

- Maintenance of technical publications and policies including revisions, updates, and website publishing of Design Manual, form letters, Policies and Procedures, etc..
- Process change initiatives and technical committees and workgroups.
- Location and Design Approvals, Notice to Proceeds, public information request and PEF Prequalification

### ➤ **Technical/CADD Support**

- Develop, test, provide instruction, and implement of CADD (MicroStation, Corridor Modeling, Geopak, Iplot) and other technical software and file storage solutions.
- Coordinate with other design units (Hydraulics, Location & Survey, Geotechnical, etc.) for implementation of department wide technical initiatives (electronic signatures, corridor modeling, SharePoint, ProjectWise, etc.) and develop training and support that is provided for all staff including Division Design Construct (DDC) and private engineering firms (PEF).

# ROADWAY DESIGN UNIT

## ORGANIZATIONAL CHART

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