Office of Design Policy & Support

I. ENGINEERING SOFTWARE & DOCUMENTS GROUP

Engineering Software:
- CivilCAD Engr. Software Technical Support and Training
- Software Standardization/Automation
- Plotting Hardware Support/Standardization
- Special Projects
  - Design Policy Manual
  - Special studies – research & development of policy
  - Design Exceptions & Variances – review, process, document, monitor performance
  - SME – ADR/PRWAN design

Documentation Management:
- Design Manuals Editing
- Electronic Lettings, As-Built Plans, Plans Research
- Documents Managed: R.A.O.A.S., Electronic Data Guidelines (EDG), Plan Presentation Guide (PPG)

II. SPECIAL PROJECTS GROUP

Project/Vis Administration
- Visual Engineering Resource Group (VERG)
- Visual Photo Simulation, 3D modeling, Video Animations

III. POLICY, STANDARDS, & ROADSIDE DESIGN GROUP

Roadway Policy
- Design Policy Manual
- Special studies – research & development of policy
- Design Exceptions & Variances – review, process, document, monitor performance
- SME – ADR/PRWAN design

Lithigation Support
- Construction Standards & Details
- Technology Research, and New Products Committee
- SME – construction standards and detail

Roadside Design
- Research, hardware, design

Lithigation Support
- Responds to requests from AG Office
- Maintains history of practices and policies
- Ensures policies are compliant with state & federal laws

III. WATER RESOURCES GROUP

MS4 Program
- NPDES/GAR 1200 Permit – Program manager SNE for review of post-construction stormwater BMPs, design, reports, SNE training
- Erosion and Sediment Control
- NPDES/GAR 130002 Permit – SME for ESPPC design to resolve issues prior to NOI, assist ECB resolve construction issues, ESPPC, training.

Other
- Studies/Plans – for flooding, scour, and erosion/sedimentation
- Design reviews – as requested
- Litigation Support

IV. CONCEPTUAL DESIGN GROUP

Special Projects
- Special Designs – in-house development conceptual layouts and concept reports for special projects (as requested)
- Special Studies, and Review
- Litigation Support

V. CONSTRUCTION SUPPORT

- Consulting Compliance
- Construction Compliance
- Construction Compliance QA
- Construction Compliance, IDIQ

V. AERIAL PHOTOGRAPHY & PHOTOGRAMMETRY

Aerion Triangulation
- Aerial photography
- Aerial video

VI. PHOTOGRAPHY & PHOTOGRAMMETRY

Aerial/3D based photography & repository, historical data capture, photogrammetric mapping, photogrammetric cross sections for earthwork quantities.