



# TRANSPORTATION

SERVICES

# EXPERIENCE THE MATTERN & CRAIG DIFFERENCE

Mattern & Craig distinguishes itself in the marketplace by delivering on three important commitments to its clients...

## OUR COMMITMENT TO YOU:

- We will deliver personal attention, professional insight and responsiveness unmatched by any engineering firm in our markets.
- A senior, hands-on engineer will serve as the project manager on every project, providing on-the-job project planning expertise, problem solving and accountability.
- Safety, efficiency, and the improvement of public roadways are our most important priorities on any project.

*The design of streets, highways, and bridges is one of the core services provided by Mattern & Craig. Approximately 90 percent of our transportation services are provided to repeat clients, including local governments and State Departments of Transportation throughout Virginia, Tennessee, and North Carolina.*

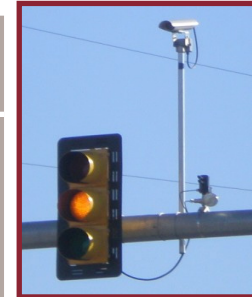
## DESIGN & ENGINEERING

- design of urban expressways and interstate highways
- urban and rural roadway design plans
- multi-lane widening and reconstruction plans
- interchange design plans
- geometric intersection improvements design
- bridge & culvert design
- bridge & culvert inspections and bridge deck evaluations
- design/build partnership projects
- downtown/main street improvement projects
- maintenance of traffic plans
- parking, bicycles, pedestrians, and parking facilities
- traffic signal design plans
- traffic control & pavement marking plans
- storm drainage management, culvert, and systems design
- retaining wall & slope analysis and design
- underground utility adjustment plans
- construction specifications, contracts, and bid documents
- ITS/coordinated signal timings



## CONSTRUCTION ENGINEERING INSPECTION

- construction inspection
- construction management
- value engineering
- bridge & culvert construction inspections and reports
- surveying for construction layout & quantifications
- construction stormwater inspections and monitoring
- environmental monitoring
- materials testing
- claims review & analysis
- Critical Path Method (CPM) scheduling
- owners representative services



## PLANNING & STUDIES

- transportation planning studies & reports
- corridor location studies
- traffic impact studies
- traffic operation studies
- traffic signal warrant studies
- traffic analysis, forecasting & modeling
- pedestrian and multimodal planning studies & analysis
- hydraulic & hydrological studies (roadway, culverts, & bridges)
- environmental documentation
- roadway needs assessments
- roadway safety audits



## Engineering solutions for change and growth.

### We help DOTs keep the public traveling safely and efficiently.

Mattern & Craig is honored to be a trusted transportation planning and engineering partner for the Virginia, Tennessee, and North Carolina DOTs as well as other local, state, and federal agencies throughout the southeast. Since 1978, our track record of success has been built upon developing positive, interactive client relationships that result in safe, efficient transportation solutions for the traveling public.



### Regional Knowledge + Engineering Expertise = Project Success

As a regional engineering firm, we provide clients with a powerful combination for project success - 1) first-hand knowledge of the project area and the priorities and concerns of its citizenry; and, 2) depth and breadth of transportation engineering expertise.

We focus on three aspects of transportation engineering:

- Planning & Studies
- Design & Engineering
- Construction Engineering Inspection

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