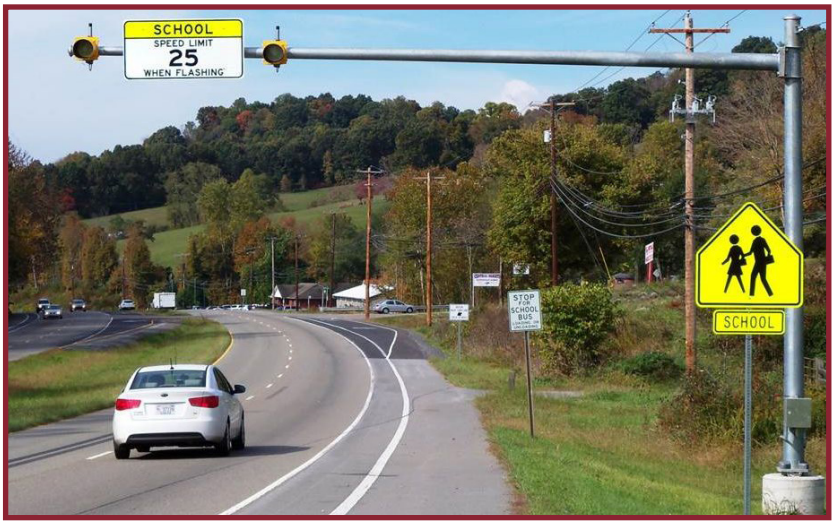


Mattern & Craig
ENGINEERS • SURVEYORS

TRAFFIC

ENGINEERING 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 of all modes of "traffic" is of the utmost important for any of our projects.

TRAFFIC ENGINEERING OVERVIEW

Mattern & Craig is your source for traffic engineering services throughout Virginia, Tennessee, and North Carolina. Our professional engineers are supported by a dedicated team of design technicians, surveyors, and administrative staff.

Our engineers are well versed in the latest publications and methodologies relative to the traffic engineering field. Our firm uses the latest technology and software available to effectively find solutions to various traffic issues. We possess the skills and resources necessary to meet specific traffic engineering needs.

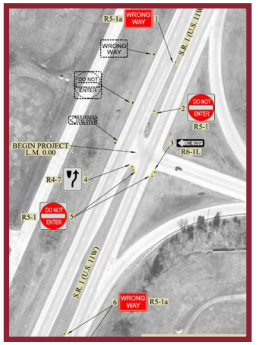
Our major traffic engineering clients include the Departments of Transportation in Virginia, Tennessee, and North Carolina, as well as many local governments within these states.

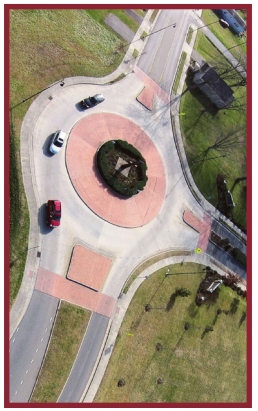
TRAFFIC ENGINEERING SERVICES

- Traffic Data Collection
- Traffic Signal Warrants Analysis and Signal Design
- Traffic Impact Studies/Traffic Impact Analyses (TIS/TIA)
- Signing & Pavement Marking Design
- Isolated Signal Timing
- Coordinated Signal System Design & Timing
- Intelligent Transportation System (ITS) Development & Design
- Traffic Calming Analysis & Design
- Corridor Analysis
- Maintenance of Traffic Plans
- School Signalization/Flashing Beacon Design
- Roundabout Analysis & Design
- Crash Data Analysis
- Roadway Safety Audits

TECHNOLOGY / SOFTWARE

- Highway Capacity Software (HCS)
- Synchro with Sim-Traffic
- Interactive Hwy Safety Design Model (IHSDM)
- PC-Warrants
- GuidSIGN
- OTISS
- SIDRA
- Tru-Traffic
- PetraPro
- Rodel





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TRAFFIC

ENGINEERING SERVICES

Mattern & Craig
ENGINEERS • SURVEYORS

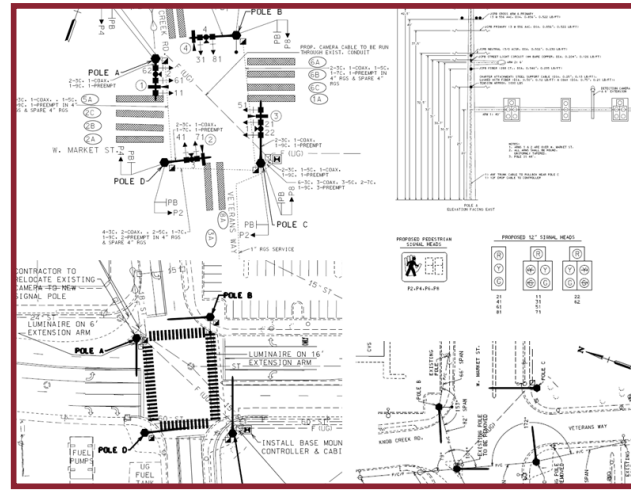
Engineering solutions for change and growth.

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 traffic engineering expertise, to meet the demand for safety and traffic flow.

We focus on four aspects of traffic engineering:

- Planning & Studies
- Design & Engineering
- Field Implementation
- Common Sense Engineering



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