

## Exhibit "A" (Scope of Work)

### Non-Project Specific Traffic Engineering Scope of Services

- a. Collect traffic data.
- b. Perform traffic studies or analysis.
- c. Perform Access Management studies and analysis, including but not limited to preparing traffic impact studies as well as the review of major and minor traffic impact studies from developers and other consultants.
- d. Perform corridor signal timing progression plans.
- e. Design and prepare preliminary and final plans and specifications for all types of traffic devices to meet CDOT, City or County requirements, including but not limited to traffic signals (LED displays, mast arm designs, etc.), vehicles detection system (video, loop microwave, radar, ultrasonic, etc.), interconnect systems (hardware, phone, cellular phone, spread spectrum, radio, etc.) pavement markings (tape, thermoplastic, water based, etc.), sign and sign support systems (wood, metal and composite systems), and other intelligent transportation systems devices (variable message boards, closed circuit television, fiber optics and other communications media, etc.).
- f. Prepare construction signing and striping plans and schedules. Develop conceptual phased construction plans considering MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES requirements, geometric design, capacity analysis, construction signing, temporary guide signing, temporary pavement markings and temporary signal design.
- g. Prepare freeway guide signing plans consistent with the MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES and CDOT policies and practices. Prepare sign bridge plans and sign layouts.
- h. Calculate quantities and estimates for plan inclusion.
- i. Furnish detailing and drafting services.
- j. Attend meetings as instructed. Prepare visual aids for meetings as needed. Prepare correspondence and meeting minutes.
- k. Construction management and inspection and completion of appropriate CDOT paperwork as required.
- l. Roadway surveying with a PLS Stamp as required.
- m. Prepare and present Incident Management plans, studies and manuals for specific corridors as needed.
- n. Teach/instruct CDOT personnel on use of specialized traffic software.
- o. Provide traffic operations incident management support for the I-70 west corridor.