**VALUE ASSESSMENT WORKSHOP AGENDA**

**For**

**North Carolina Department of Transportation**

**U-3318**

**Upgrade Main Street**

**Wake County, North Carolina**

**16 HOUR - V.A. STUDY**

26-27 May 2022

The value assessment (V.A.) workshop for the subject project will be conducted for 2 days from 26-27 May 2022, [**virtually via WebEx]; POC – XXX @ (###)###-#### cell**

**Pre-workshop Activities**

The V.A. Team Leader coordinates logistics with NCDOT, and confirms project objectives and any unique requests, and develops a cost model for the project. The V.A. Team receives and reviews all project documents.

**[WEDS.]**

8:00 – 9:00 **V.A. Team** **Introduction Phase [via WebEx]** XXX, P.E.

 VA Team Leader, XXX

 **(V.A. Team Only)**

*The team members will discuss their initial impression and understanding of the project with other team members based on their pre-study review of the project plans, cost estimates, and available calculations. The V.A. Team Leader will provide cost models, and cost bar graphs to help the team identify the high-cost features of the project.*

9:00 – 10:00 **Project Design Briefing [via WebEx]** V.A. Team; A/E, NCDOT

*The A/E project design manager and NCDOT PM will discuss the project constraints/requirements and the proposed design solution(s) in detail. The V.A. team members will ask questions as appropriate to completely understand the project requirements and the proposed design solution (both alternatives considered and those recommended by the design team).*

*10:00 – 10:15 Break*

10:15 – 11:00 **Function Analysis**  V.A. Team

*The V.A. team will discuss the functions of the project, and identify those that are “required” functions for the project to fulfill its’ purpose.*

**[WEDS.] (CONTINUED)**

11:00 – 12:00 **Creative Phase**  V.A. Team

*The V.A. team will creatively review, Brainstorm, and tabulate possible design alternatives for the project. While the designer's solution will serve as the "baseline", the team will identify alternatives not in the recommended solution, but deserving of further investigation. Each project feature will be carefully analyzed with the basic questions in mind:*

***What is the system/item?***

***What does it do (what is its basic function)?***

***What must it do?***

***What does it cost?***

***What is the item worth?***

***What else will do the same, or a better job?***

***What does that alternative cost?***

*During the creative phase, the team will not judge the ideas. The essential requirements (basic functions) for the project, however, must always be considered.*

12:00 – 1:00 Lunch

1:00 – 4:00 **Creative Phase (cont’d)**  V.A. Team

4:00 – 5:00 **Analysis Phase & Proposal Development Assignments** V.A. Team

*During this phase, all of the ideas or alternatives will be ranked according to their potential for life-cycle (25-year) cost reduction and the potential for acceptance by GDOT, Engineering Designers, and other appropriate parties.*

**[THURS.]**

8:00 – 5:00 **Development Phase** V.A. Team

*During the development phase, each team member will gather information and prepare written proposals for those ideas assigned to him/her. These may require additional discussions with the designer, NCDOT representatives, County representatives, outside contractors and suppliers, and other specialists to fully define the alternative. The team members will prepare sketches, perform calculations and develop other data to support each proposal. In addition, each team member will prepare estimates of costs for each alternative as originally designed, and as proposed by the V.A. team.*

11:30 – 12:00 **VA Team Check-in [via WebEx]** V.A. Team

3:30 – 4:00 **VA Team Check-in** **[via WebEx]** V.A. Team