



AMERICAN COUNCIL OF ENGINEERING COMPANIES OF GEORGIA

## GPTQ CRC SUBCOMMITTEE

### MEETING MINUTES

## ROADWAY DESIGN POLICY

*October 7, 2015 @ 10:00 am*

*One Georgia Center – Room 405*

**Mission:** To promote communication, innovation, and cooperation between GDOT and consultant firms on issues affecting design decisions, criteria, processes, and implementation as well as plan and document presentation.

### **Subcommittee members in attendance (comprehensive attendance sheet attached):**

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Alex Stone – Mulkey Engineers           | <input checked="" type="checkbox"/> Chris Marsengill, Co-chair – Moffatt & Nichol |
| <input type="checkbox"/> Bill Rountree – Parsons                            | <input checked="" type="checkbox"/> Kevin Ergle – Kimley Horn                     |
| <input checked="" type="checkbox"/> Brent Story, Co-chair – GDOT            | <input checked="" type="checkbox"/> Mario Macrina – Wolverton & Associates        |
| <input checked="" type="checkbox"/> Brian O'Connor – T.Y. Lin International | <input checked="" type="checkbox"/> Steve Linley – Parsons Brinckerhoff           |

### **1. Recap of top 5 Focus Areas to promote efficiency in project delivery**

- Accessibility
- Awareness
- Clarity
- Flexibility
- Proficiency

### **2. Lighting design**

- Updates to AASHTO's lighting manual are in-progress, and subsequent updates to GDOT policy are anticipated
- GDOT is meeting with to discuss potential changes later in October

### **3. GDOT recently published a revised version of the MicroStation V8i EDG Compliance Report**

- The revised report and with revision notes is attached
- Clarifications were made to the scoring computations
- The lack of a saved GPLOT remains a common deficiency in electronic files submitted to GDOT
- Results of the compliance testing may be used in future consultant evaluations and may also be considered by GDOT's prequalification committee

### **4. ROADS Website**

- The engineering hours estimate is not located on the ROADS website because it is typically obtained from the assigned negotiator.
- Revisions to the GDOT Construction Standards and Details as well as the website interface have been completed.

### **5. Training opportunities**

- Two post-construction stormwater training classes were planned, November 4-5, 2015 at GDOT Training Center, but it was noted that one may have been canceled.

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- As discussed at previous meetings, NHI classes have not been offered in some time due generally to a lack of budget.
  - Alternative funding sources will be discussed at future meetings in order to reinstate consultant and GDOT staff training side-by-side.
  - One idea mentioned included GDOT providing the venue and maintaining a 50-50 GDOT/consultant mix with the consultant attendees splitting the cost of the course
  - Another idea included calling upon professional organizations like ACEC, ASCE, ASHE, ITE, and WTS to sponsor NHI courses.
- GDOT is planning guardrail training classes in response to an FHWA task force determination that guardrail installations are performing poorly due primarily to type selection and/or installation.
  - Classes are currently planned for internal GDOT staff only
  - Classes will focus on design and installation in accordance with NCHRP 350.

### 6. Status updates

- GDOT Ditch Lining software guidance to consultants
  - No activity
- Planning level traffic
  - Task force is meeting later in October (20<sup>th</sup>?) to review draft comments

### 7. New business

- GDOT is preparing an MS4 process flowchart
- GDOT is preparing an MS4 evaluation spreadsheet for use in evaluating feasibility to be used as a tool during Conceptual Design. The goal of this is to shift more of the MS4 evaluation from Concept to Preliminary Plans.
- The Transportation Summit is planned for November 10, 2015





Microstation V8i

# Compliance Report

## Project Information

|  |                      |
|--|----------------------|
| <b>Project Identification Number:</b>    | 1234567              |
| <b>Project Accounting Number:</b>        | SR 1 @ SR 2          |
| <b>County:</b>                           | Appling              |
| <b>Project Manager:</b>                  | Test Test            |
| <b>Consultant Firm overseeing Plans:</b> | Test Engineering     |
| <b>Compliance Assurance Reviewer:</b>    | Frank Flanders, P.E. |
| <b>Date Project Received:</b>            | 09/01/15             |
| <b>Date Quality Assurance Performed:</b> | 09/03/15             |

### PLAN SHEET SCORES

#### FILE NAMING CONVENTION [ EDG Section 1-12 & 2-2 ]

| Plan Type:                  | Compliance Average: | Section: Pass/Failed |        |
|-----------------------------|---------------------|----------------------|--------|
|                             |                     | Passed               | Failed |
| Mainline                    | 20.00%              | PASSED               |        |
| CrossRoad                   | 20.00%              | PASSED               |        |
| Utility                     | 20.00%              | PASSED               |        |
| Sign & Marking              | 20.00%              | PASSED               |        |
| Traffic Signals             | 20.00%              | PASSED               |        |
| <b>File Naming Average:</b> | <b>20.00%</b>       | <b>PASSED</b>        |        |

#### REFERENCE FILE COMPLIANCE [ EDG Section 1-12, 2-5, & 2-6 ]

| Plan Type:                     | Compliance Average: | Section: Passed/Failed |        |
|--------------------------------|---------------------|------------------------|--------|
|                                |                     | Passed                 | Failed |
| Mainline                       | 25.00%              | PASSED                 |        |
| CrossRoad                      | 25.00%              | PASSED                 |        |
| Utility                        | 25.00%              | PASSED                 |        |
| Sign & Marking                 | 25.00%              | PASSED                 |        |
| Traffic Signals                | 25.00%              | PASSED                 |        |
| <b>Reference File Average:</b> | <b>25.00%</b>       | <b>PASSED</b>          |        |



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## REFERENCE FILE LOGICAL NAME [ EDG Section 2-6 ]

| Plan Type:                  | Compliance Average: | Section: Pass/Failed |        |
|-----------------------------|---------------------|----------------------|--------|
|                             |                     | Passed               | Failed |
| Mainline                    | 20.00%              | PASSED               |        |
| CrossRoad                   | 20.00%              | PASSED               |        |
| Utility                     | 20.00%              | PASSED               |        |
| Sign & Marking              | 20.00%              | PASSED               |        |
| Traffic Signals             | 20.00%              | PASSED               |        |
| <b>File Naming Average:</b> | <b>20.00%</b>       | <b>PASSED</b>        |        |

## WORKING UNITS [ EDG Section 1-9 ]

| Plan Type:                     | Compliance Average: | Section: Passed/Failed |        |
|--------------------------------|---------------------|------------------------|--------|
|                                |                     | Passed                 | Failed |
| Mainline                       | 15.00%              | FAILED                 |        |
| CrossRoad                      | 15.00%              | FAILED                 |        |
| Utility                        | 15.00%              | FAILED                 |        |
| Sign & Marking                 | 15.00%              | FAILED                 |        |
| Traffic Signals                | 15.00%              | FAILED                 |        |
| <b>Reference File Average:</b> | <b>15.00%</b>       | <b>PASSED</b>          |        |

## GPLOT (SVB) [ EDG Section 1-11 ]

| Plan Type:            | Compliance Average: | Section: Passed/Failed |        |
|-----------------------|---------------------|------------------------|--------|
|                       |                     | Passed                 | Failed |
| Mainline              | 20.00%              | PASSED                 |        |
| CrossRoad             | 20.00%              | PASSED                 |        |
| Utility               | 20.00%              | PASSED                 |        |
| Sign & Marking        | 20.00%              | PASSED                 |        |
| Traffic Signals       | 20.00%              | PASSED                 |        |
| <b>GPLOT Average:</b> | <b>20.00%</b>       | <b>PASSED</b>          |        |

|                                  |                |               |
|----------------------------------|----------------|---------------|
| <b>PLAN SHEET AVERAGE SCORE:</b> | <b>100.00%</b> | <b>PASSED</b> |
|----------------------------------|----------------|---------------|

Logical Name and Working Units were scored but not shown on the previous report.

Plan Sheet Average Score has been added to show the score for this portion of the overall score.



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# Compliance Report

## BY-LEVEL COMPLIANCE [EDG Section 2-7]

| Plan Section Type:       | By-Level Average: | Section: Passed/Failed |        |
|--------------------------|-------------------|------------------------|--------|
|                          |                   | Passed                 | Failed |
| MAIN                     | 100.00%           | PASSED                 |        |
| REQD                     | 100.00%           | PASSED                 |        |
| TOPO                     | 100.00%           | PASSED                 |        |
| UTLE                     | 100.00%           | PASSED                 |        |
| UTLP                     | 100.00%           | PASSED                 |        |
| ATMS                     | 100.00%           | PASSED                 |        |
| LIMT                     | 100.00%           | PASSED                 |        |
| LGHT                     | 100.00%           | PASSED                 |        |
| SIGN                     | 100.00%           | PASSED                 |        |
| SGNL                     | 100.00%           | PASSED                 |        |
| DRNG                     | 100.00%           | PASSED                 |        |
| ENVE                     | 100.00%           | PASSED                 |        |
| ENVP                     | 100.00%           | PASSED                 |        |
| PROP                     | 100.00%           | PASSED                 |        |
| <b>BY-LEVEL Average:</b> | <b>100.00%</b>    | <b>PASSED</b>          |        |

|  |                |               |
|--|----------------|---------------|
| <b>PLAN SHEET AVERAGE SCORE:</b>   | <b>100.00%</b> | <b>PASSED</b> |
| <b>BY-LEVEL AVERAGE SCORE:</b>   | <b>100.00%</b> | <b>PASSED</b> |
| <b>Overall Compliance Percentage:<br/>(70% Plan Sheet + 30% By-Level<br/>Compliance)</b> | <b>100.00%</b> | <b>PASSED</b> |

Additional information on the computation of the overall score has been added.

Section average scores have been added for ease of reference.