



Martin O'Malley, *Governor*
Anthony G. Brown, *Lt. Governor*

Beverley K. Swaim-Staley, *Secretary*
Darrell B. Mobley, *Acting Administrator*

MARYLAND DEPARTMENT OF TRANSPORTATION

December 1, 2011

Subject: Contract No.CO3785180
F.A.P. No. BH-304-1(9)E
Description: Deck Replacement and
Rehabilitation of Substructure for Steel
Beam Bridge No. 0502200 on MD 313 over
Marshyhope Creek

ADDENDUM NO. 5

TO ALL PURCHASERS OF CONTRACT DOCUMENTS

Gentlemen:

The bid opening for this project is not being changed by this addendum. The date is still December 8, 2011.

THE ATTENTION OF PROSPECTIVE BIDDERS IS DIRECTED TO THE FOLLOWING CHANGE IN THE INVITATION FOR BIDS:

INVITATION FOR BIDS:

<u>Sheet No.</u>	<u>Description</u>
236	Added Item No. 8029 (816201) 1 EACH of "DISCRIMNATOR MODULE, 4 CHANNEL, NO. 764".
236	Added Item No. 8030 (816205) 1 EACH of "OPTICOM NO. 721 DETECTOR EYE".
236.1	Added Item No. 8031 (860288) 1000 LF of "FURNISH AND INSTALL 4 CONDUCTOR OPTICOM CABLE".
237	Revised list to add items 8029-8031.

My telephone number/toll-free number is 410-545-0411

Maryland Relay Service for Impaired Hearing or Speech 1.800.735.2258 Statewide Toll Free

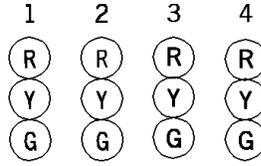
Street Address: 707 North Calvert Street • Baltimore, Maryland 21202 • Phone 410.545.0300 • www.marylandroads.com

PLANS:

Note: Bidders are directed to make the following “**Pen and Ink**” changes to the Plans. Corrected sheets will be provided after the Contract is awarded. Bidders must consider the cost of this change in their bid as no additional compensation will be provided when this revision is issued after award.

<u>Sheet No.</u>	<u>Description</u>
11	<p>In the plan view, near station 109+75, change the “C” to a “V”. Add the following note to the construction details:</p> <p>V. “INSTALL 40 FT. CLASS II WOOD POLE WITH ONE (1) 2 IN. RISER, ONE (1) 2 IN. WEATHER HEAD, OPTICOM DETECTOR EYE, BACKGUYS, AND A NO. 4 STRANDED BARE COPPER GROUND WIRE INSTALLED FROM GROUND ROD TO THE TOP OF THE WOOD POLE AND SECURED TO THE POLE AS PER THE ENGINEER (BACKGUYS, AND ANY HARDWARE, CLAMPS, MATERIALS, AND LABOR REQUIRED FOR GROUNDING WILL NOT BE MEASURED BUT WILL BE INCIDENTAL TO THE PER EACH COST OF 40 FT. CLASS II WOOD POLES).</p>
12	<p>Under the “Project Description”, in the “Intersection Operation” section (labeled II), change the first paragraph to the following:</p> <p>“AN ECONOLITE ASC II NEMA, FULL-TRAFFIC-ACTUATED, EIGHT (8) PHASE CONTROLLER HOUSED IN A NEMA SIZE '5' POLE MOUNTED CABINET SHALL BE UTILIZED IN THIS LOCATION. THE INTERSECTION WILL OPERATE IN A FULLY ACTUATED MODE USING FOUR (4) SEQUENTIAL NEMA PHASES. FIREHOUSE PREEMPTION SHALL BE PROVIDED FOR THE NORTHBOUND APPROACH OF MD 313. LOOP DETECTORS AND A BATTERY BACK UP SYSTEM WILL BE PLACED INTO OPERATION.</p>
12	<p>See revisions to phase chart below and revisions to the wiring diagram on page 4.</p>

PHASE CHART



PHASE 1 CLEARANCE	R	R	R	R				
PHASE 2	G	G	R	R				
2 CHANGE	Y	Y	R	R	→			
PHASE 3 CLEARANCE	R	R	R	R				
PHASE 4	R	R	G	G		←		
4 CHANGE	R	R	Y	Y				
FLASHING (SOLID RED) OPERATION (ALL DIRECTIONS)	R	R	R	R				
FIREHOUSE PRE-EMPTION	G	G	R	R	→			

Please attach this Addendum No. 5 to the front of the Invitation for Bids before submitting your bid.

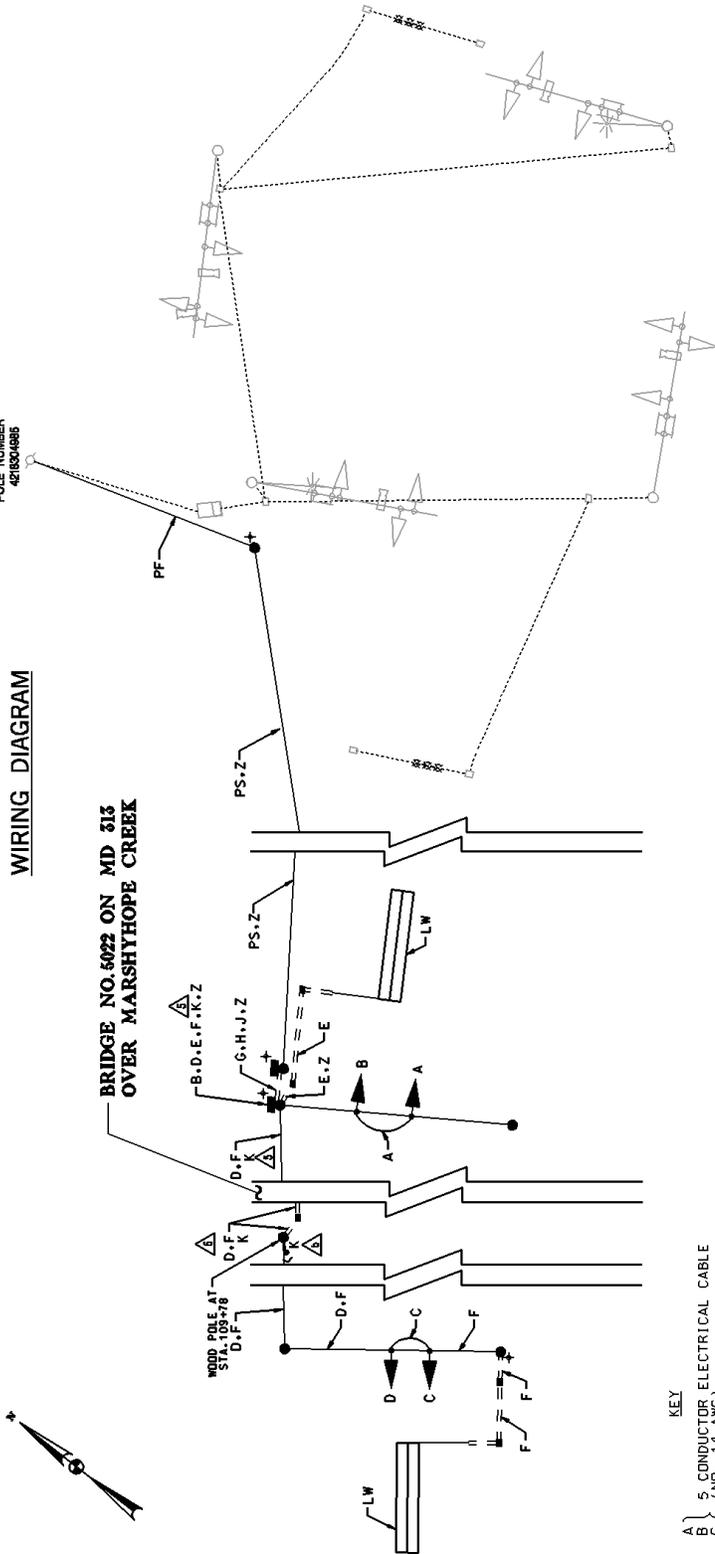
Remove the original above mentioned sheets from the advertised Invitation for Bids. The removed sheets are hereby voided.

Insert and securely fasten the attached sheets in their proper sequence.

Questions concerning this Addendum No. 5 may be directed to our Project Engineer - Jeff Robert at (410) 545-8327.

Sincerely,

Douglas H. Simmons
 Deputy Administrator / Chief Engineer of
 Planning, Engineering, Real Estate and
 Environment



WIRING DIAGRAM

**BRIDGE NO. 5022 ON MD 313
 OVER MARSHYHOPE CREEK**

- KEY**
- A } 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
 - B } 2 CONDUCTOR ELECTRICAL CABLE ALUMINUM SHIELDED (NO. 14 AWG)
 - C } 1 CONDUCTOR ELECTRICAL CABLE (NO. 4 AWG THHN/THWN)
 - D } 4 CONDUCTOR OPTICOM CABLE
 - E } 1 CONDUCTOR (NO. 4 AWG)
 - F } 1 STRANDED COPPER GROUND WIRE
 - G } POWER FEED - OVERHEAD (BY OTHERS)
 - H } POWER SERVICE - OVERHEAD - THREE (3) CONDUCTOR ELECTRICAL CABLES (NO. 2 AWG THHN/THWN)
 - I } LOOP WIRE (NO. 14 AWG)
 - J } + GROUND ROD