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MEMORANDUM

Capital Projects Department

Date: January 7, 2008

To: ACHD's Design Consultants

From: Ross Oyen

Subject: General Special Provision – Construction Traffic Control Installation
General Special Provision – Construction Traffic Control Administration
General Special Provision – Construction Traffic Control Measurement and Payment

ACHD has adopted the three enclosed general special provisions for the installation, administration, measurement and payment of construction traffic control. Please implement the provisions on all current and future projects. For questions, contact the assigned project manager

Cc: Colin Farr, Bruce Mills, Dale Kuperus, Dorrell Hansen, ACHD's Project Managers, Central Files

CONSTRUCTION TRAFFIC CONTROL INSTALLATION

ITEM 1103 – CONSTRUCTION TRAFFIC CONTROL

ON PAGE 6 OF SECTION 1103 OF THE ISPWC, PART 3 – WORKMANSHIP, SUBSECTION 3.1 - GENERAL, add the following:

- L. Temporary work zone traffic control (TC) equipment placed in public right-of-way under Ada County Highway District (ACHD) jurisdiction shall be placed in accordance with Section 6F.03 of the Manual on Uniform Traffic Control Devices (MUTCD) and as follows.
 - 1. Ground mounted signs installed at the side of the road in rural areas shall be mounted at a height of at least 5 ft, measured from the bottom of the sign to the near edge of the pavement. In business, commercial, and residential districts where parking and / or bicycle or pedestrian movement is likely to occur, or where there are other obstructions to sign visibility, or where there are two or more through lanes in each direction, the distance between the bottom of the sign and the near edge of the traveled way shall be at least 7 ft.
 - 2. Neither portable nor permanent sign supports or barrels should be located on sidewalks, bicycle facilities, or areas designated for pedestrian or bicycle traffic, unless required for construction activities, in which case suitable detours must be provided. Signs mounted lower than 7 ft should not project more than 4 inches into pedestrian facilities.
 - 3. The height to the bottom of a secondary sign mounted below another sign may be 1 ft less than the appropriate height specified above.
 - 4. All traffic control signs that will be left in place for longer than three (3) days shall be mounted on a wood or metal post set at least 30” into the ground or as directed by the Engineer. Temporary installations will be allowed for signs left in place less than three (3) days. All sign supports shall be crashworthy in accordance with NCHRP 350 standards. Exceptions to this are the following signs from the MUTCD: R9-8 through R9-11a (Pedestrian and Sidewalk series), R11 (Road Closed series), W1-6 through W1-8 (Horizontal Arrow series), M4-10 (Horizontal Detour Arrow), or other similar types of signs that are typically mounted on portable barricades.
 - 5. Signs mounted on barricades and barricade / sign combinations shall be crashworthy.
 - 6. Signs mounted on barricades or other portable supports shall be no less than 1 ft above the traveled way. Sign installations of this type shall only be allowed where approved by the Engineer.
 - 7. Signs mounted on barricades shall not cover more than 50% of the top two rails or 33% of the total area of the three rails.
 - 8. Large signs having an area exceeding 50 square feet that are installed on multiple crashworthy posts shall be mounted a minimum of 7 ft above the ground.
 - 9. Temporary work zone traffic control signs that are not needed at the end of the work day are to be covered, turned, or removed from the work site. Signs that are covered or turned shall be delineated by the use of reflective tape, cones, or barrels. Signs mounted on portable supports are not to be rotated to a horizontal orientation; this creates a hazardous obstruction.

CONSTRUCTION TRAFFIC CONTROL ADMINISTRATION

All traffic control (TC) signing and detours are to be in place and approved by the engineer prior to the Contractor starting work. All signing and channelization shall be per the Manual of Uniform Traffic Control Devices (MUTCD), latest edition, and Section 1103 of the Idaho Standards for Public Works Construction (ISPWC). The engineer or his representative will be the sole judge in determining the acceptability of the condition and appearance of the traffic control and work zone devices. Devices or signs determined to be in unacceptable condition are to be promptly replaced with materials of acceptable condition and appearance.

All stop and street name signs will remain installed and visible at their current location at all times. Temporary stop and street name signs shall be provided for traffic control while the permanent signs are being replaced, relocated, or are obstructed.

The contractor may be required as part of this item to install and move the traffic control drums numerous times as needed to properly control traffic on the project.

CONSTRUCTION TRAFFIC CONTROL MEASUREMENT AND PAYMENT

ITEM 1103 – CONSTRUCTION TRAFFIC CONTROL

ON PAGE 7 OF SECTION 1103 OF THE ISPWC, Part 4 – Measurement and Payment, replace subsection 4.1 and replace with the following sections:

- 4.1. An itemized list of all traffic control items installed on the project and their respective certifications shall be delivered to the project inspector within 48 hours of installation.
- 4.2. The traffic control (TC) devices shall be paid as listed on the bid item schedule. Miscellaneous traffic control items including flashers and flags shall be considered incidental to other traffic control items and no separate payment will be made.
- 4.3. The accepted quantity of construction signs will be paid for at the contract unit price bid per square foot for the initial installation only. Signs utilized for multiple construction phases shall be paid for at the contract unit price bid per square foot for the initial installation only. Additional payment will not be made for signs that are removed from the project and reinstalled during a later phase of construction. Relocation of signs within the project after the initial installation shall be paid for under the Traffic Control Maintenance item, as authorized by the Engineer.
- 4.4. Traffic Control Maintenance and flagging are to be initiated only by authorization of the project inspector. TC Maintenance personnel and Flaggers are to notify the project inspector upon arrival on site. Invoices for TC Maintenance and Flagger hours are to be provided to the project inspector within 48 hours of the day the activity took place.
- 4.5. The cost to cover, relocate and/or reinstall existing permanent traffic control signs as required within the construction limits shall be incidental to the other traffic control items of work, and no separate payment shall be made. This work shall be performed in accordance with the *Manual on Uniform Traffic Control Devices*, current edition.