STATE OF NEW HAMPSHIRE
INTRA-DEPARTMENT COMMUNICATION

DATE: June 18, 2015

FROM: Michael D. Hazlett, PE
Final Design Group Leader

AT (OFFICE): Highway Design Bureau

SUBJECT: Updated Special Details
TL 2 and TL-3 EAGRT Offset Platforms

THRU: James A. Marshall, PE
Administrator, Bureau of Highway Design

TO: Project Development
Operations Bureau Administrators

MEMORANDUM

Please be aware that the Special Details noted above are being provided to replace the existing Special Details for the 50 foot and 25 foot EAGRT platforms. The modifications are due to the changes in those EAGRT units allowed in the appropriate Item 606 special provision. A summary follows:

- Change titles of the details to reflect Test Level application while adding clarification notes regarding length of EAGRT units consistent with the appropriate 606 special provision. This resulted in 6 special details based on the length of the terminal:
    - TL-3 Preferred EAGRT platform (based on a 50 foot length of terminal.)
    - TL-3 Alternate EAGRT platform (based on a 50 foot length of terminal.)
    - TL-2 Preferred EAGRT platform (based on a 37.5 foot length of terminal.)
    - TL-2 Alternate EAGRT platform (based on a 37.5 foot length of terminal.)
    - TL-2 Preferred EAGRT platform (based on a 25 foot length of terminal.)
    - TL-2 Alternate EAGRT platform (based on a 25 foot length of terminal.)

Some background behind the EAGRT platforms' designs follows:

- The Preferred Platforms are intended to provide a reasonable approach grading reflecting typical constraints.
- The Alternate Platforms are intended to provide a reasonable approach grading where the constraints are more restrictive.
- The TL-2 platforms (based on 25 foot terminal length) are provided for site conditions where only the grading for a minimum terminal length for TL-2 can be provided.

- The platforms shown are designed to provide the opportunity for installation of a number of different terminals to be installed on the platforms. This allows uniformity in construction and maintenance. The platform designs utilize the lowest common denominator of the characteristics of the various EAGRT designs. For example, in some instances terminals chosen may be allowed to be placed at a steeper taper rate than indicated. In others, the terminal chosen may be shorter than what is indicated. To keep consistency in construction and the maintenance, flatter tapers required by certain terminals have been used and longer lengths of certain terminals have been accounted for. These are intentional and not to be changed due to the type of terminal chosen.

The revised special details are anticipated to be available on the website shortly.

Please do not hesitate to contact me with any questions.

cc: W. Cass
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W. Janelle
J. Marshall
K. Cota

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