EFFECTIVE DATE: 05/08/2014

DEPUTY CHIEF ENGINEER, DESIGN/TIME

CONTINUITY CONNECTION FOR HALF SECTION SINGLE-SLOPE BARRIER

NOTE: THE NOMINAL LENGTH OF PRECAST SECTIONS IS 20' BUT MAY BE MODIFIED TO A MINIMUM OF 10' AND A MAXIMUM OF 24' TO FIT CONDITIONS. UNLESS THE MODIFIED BARRIER IS DETECTED BY THE DEPARTMENT, THE CONSTRUCTION SHALL BE MACHINED AND LAYED OUT IN THE PATTERN SHOWN TO THE ENGINER FOR APPROVAL.

THESE BENDS MAY BE ELIMINATED, PROVIDED 2" COVER IS MAINTAINED.

U.S. CUSTOMARY STANDARD SHEET

SINGLE-SLOPE CONCRETE HALF SECTION BARRIER

NOTES:

1. CONTINUITY CONNECTIONS SHALL BE USED AT ALL JOINTS IN PRECAST AND CAST-IN-PLACE SINGLE-SLOPE CONCRETE HALF SECTION BARRIERS. MACHINE FORMED CONCRETE HALF SECTION BARRIERS MAY BE MODIFIED TO A MINIMUM OF 10' AND A MAXIMUM OF 24' TO FIT CONDITIONS. UNLESS THE MODIFIED BARRIER IS DETECTED BY THE DEPARTMENT, THE CONSTRUCTION SHALL BE MACHINED AND LAYED OUT IN THE PATTERN SHOWN TO THE ENGINEER FOR APPROVAL.

2. PRECAST SINGLE-SLOPE CONCRETE HALF SECTION BARRIER SHALL BE BACKED UP WITH BACK-UP POSTS FOR ITS ENTIRE LENGTH AS SHOWN IN BACK-UP POST LAYOUTS.

3. MACHINE FORMED AND CAST-IN-PLACE SINGLE-SLOPE CONCRETE HALF SECTION BARRIER SHALL BE BACKED UP WITH BACK-UP POSTS AT MACHINED CONTINUITY CONNECTIONS ONLY. BACK-UP POSTS MAY BE MODIFIED TO A MINIMUM OF 10' AND A MAXIMUM OF 24' TO FIT CONDITIONS. UNLESS THE MODIFIED BARRIER IS DETECTED BY THE DEPARTMENT, THE CONSTRUCTION SHALL BE MACHINED AND LAYED OUT IN THE PATTERN SHOWN TO THE ENGINEER FOR APPROVAL.

4. 2" CONCRETE COVERS FOR ALL REINFORCEMENT, UNLESS SHOWN OTHERWISE.

5. THESE HOMES MAY BE ELIMINATED, PROVIDED 2" COVER IS MAINTAINED.

6. SURFACES SHALL BE SMOOTH.