

Construction Inspection Manual of Procedures Addendum for Limited Usage of Un-reinforced Portable Concrete Barrier after January 1, 2008

Introduction

The Department's Office of Construction Administration has been tasked with the responsibility of developing guidance for Portable Concrete Barrier in accordance with NCHRP 350. Supplemental Specification 800 contains the detailed specifications for this item. This Administrative Guidance will serve to augment SS800.

The primary areas of cooperation are between the Office of Construction Administration, District Construction and Project Offices.

Process

Effective January 1, 2008, all portable concrete barrier installations must be comprised of reinforced concrete unless an exemption is warranted.

The District Construction Office will determine if circumstances exist that warrant a request for an exemption. It is expected that there will be few exemptions.

If the District Construction Office determines that such circumstances exist, the District Construction Office will complete and submit the attached Documentation Form to the Office of Construction Administration, Attn. Dan Groh, for review. (See Form CA-T-1, attached)

In making this determination, the District will use the following criteria to determine whether circumstances exist that warrant an exemption.

- 1) The barrier complies with Standard drawing RM-4.1 or RM-4.2 and shall be free of structural defects;
- 2) The Department would bear the cost of the removal and replacement of the barrier as a result of earlier delays or other impacts that were the responsibility of the Department; or
- 3) The Contractor or the Department would bear the cost for the removal and replacement of the barrier; however, the removal and replacement cannot be accomplished due to the current traffic pattern.

Process a Permissive Change Order consistent with the Interim Change Order Standard Procedure upon receiving written concurrence from the Office of Construction Administration.

Use the following Standard Change Order Language:

The Department is processing this permissive change order to extend the use of un-reinforced Portable Concrete Barrier beyond January 1, 2008, in accordance with the Department's Construction Inspection Manual of Procedures Addendum 510-009(MOP), and by this change order grant the Contractor the permission to continue usage of the un-reinforced Portable Concrete Barrier for the duration of the project.

By signing this change order, the Contractor represents that the un-reinforced Portable Concrete Barrier complies with Standard Drawings RM-4.1 or RM-4.2 and is free of structural defects.

This change order will not delay the project.

Note: Any cost savings associated with permitting the un-reinforced Portable Concrete Barrier to remain in place beyond January 1, 2008, for reasons other than excusable, compensable owner caused delays must be itemized on the change order and deducted as a lump sum adjustment.

Include Form CA-T-1 in the Change Order Documentation file.

CA-T-1

Documentation to allow un-reinforced portable concrete barrier to remain in place beyond January 1, 2008.

Project Number _____

Items to consider:

- 1) Reasons for barrier to remain in place:
- 2) Cost to replace (\$):
- 3) Quantity (LF):
- 4) Duration past Jan 1, 2008 date:
- 5) Replacement item:

District Construction Engineer

Date _____

Instructions:

- 1) Reasons for barrier to stay: What is the rationale for the barrier wall to stay in place?
 - a. Project history: Any extenuating circumstances in the history of the project that pertains to the portable concrete barrier?
 - b. Owner caused delay situation: Is there a delay on the project that is caused by the owner, if so, describe?
 - c. Safety to remove: Are there any extenuating safety concerns with removing and replacing the barrier wall with respect to MOT? Identify any additional costs or cost savings for the Department?
- 2) Cost to replace: What is the cost to the Department to replace the barrier?
- 3) Quantity: How much PCB has to be removed and replaced?
- 4) Duration past Jan 1, 2008 date: If left in place, how long past the Jan cutoff date will the barrier be in place?
- 5) Replacement item: Are there any other replacements for the wall? (e.g.: fill material for drop-off protection)