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# EXPECTED IMPLEMENTATION JULY 2006

## 521 CONCRETE BARRIERS, TRAFFIC RAILING BARRIERS AND PARAPETS. (REV 1-3-06) (FA 1-10-06) (7-06)

ARTICLE 521-1 (of the Supplemental Specifications). The first paragraph is deleted and the following substituted:

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### 521-1 Description.

Construct Precast or Cast In Place concrete barriers, traffic railing barriers and parapets, herein referred to as "Barrier Wall", in accordance with the Design Standards and/or details shown in the plans. Use stationary removable forms or sliding forms to construct the barrier wall. Do not use permanent precast concrete barrier wall on bridge or box culvert structures.

ARTICLE 521-2 (of the Supplemental Specifications) is deleted and the following substituted:

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### 521-2 Materials.

Meet the following requirements:

Portland Cement Concrete .....	Section 346
Reinforcing Steel .....	Section 415
Joint Materials.....	Section 932
Reflector Elements.....	Section 993

SUBARTICLE 521-3.2 (of the Supplemental Specifications) is deleted and the following substituted:

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**521-3.2 Precast Temporary Barrier Wall Meeting the Requirements of the Design Standards, Index No. 415:** Use Precast Temporary Barrier Wall when certification is provided to the Engineer that the Precast Temporary Barrier Wall was constructed in accordance with and meets the requirements of the Design Standards, Index No. 415, and meets the approval of the Engineer.

SUBARTICLE 521-3.4 (of the Supplemental Specifications) is deleted and the following substituted:

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**521-3.4 Procurement of Precast Temporary Barrier Wall Meeting the Requirements of Design Standards, Index No. 414:** Obtain and use Precast Temporary Barrier Wall from a manufacturing plant that is currently on the Department's list of the qualified Precast Concrete Barrier Wall plants.

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SUBARTICLE 521-3.5 (of the Supplemental Specifications) is deleted and the following substituted:

**521-3.5 Reflector Elements:** Mount reflectors onto the barriers in accordance with the details shown in the plans and the Design Standards.

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ARTICLE 521-7 (of the Supplemental Specifications) is expanded by the following:

- Item No. 521- 7- Retaining Wall System – per foot.
- Item No. 2521- 7- Retaining Wall System – per meter.
- Item No. 521- 8- Retaining Wall System, Mounted with Sleeper Slab – per foot.
- Item No. 2521- 8- Retaining Wall System, Mounted with Sleeper Slab – per meter.
- Item No. 521- 73- Removal – per foot.
- Item No. 2521- 73- Removal – per meter.

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