

November 14, 2013

Mr. Darryl Richard, RLA
MSTU Project Manager
Public Services Division
Department of Alternative Transportation Modes
3299 East Tamiami Trail, Suite 103
Naples, Fla. 34112 -5746

Re: Forest Lakes MSTU - Existing Storm Inlet Grate Openings on Forest Lakes Blvd
ABB PN 13-0106

Dear Mr. Richard:

This letter is in response to your request to review the two existing storm inlets on Forest Lakes Boulevard between Boxwood Lane and Camelia Lane. There is one storm drain inlet on the south side of Forest Lakes Blvd., and the other on the north side, both of which have existing throat openings that could be a safety concern. The storm inlet on the south side is a Type C concrete structure with an opening on the west side measuring approx. 18" wide by 21" high (see Picture "South Inlet"). The other storm inlet is a concrete structure with wing wall opening on the north side measuring approx. 54" wide by 18" high (see Picture "North Inlet").

A steel grating is needed on these structures to cover the openings, which will reduce the clear open area. A steel top plate with welded stainless steel cross bars should be fabricated and installed to custom fit these openings. The enclosed Pictures "South Inlet" and "North Inlet" show the existing structures with a graphic and notes for the proposed steel plate and bars. The contractor should measure the openings and custom fabricate each. The steel bars should be welded to the top plate and doweled into the bottom concrete wall. Also enclosed are two example pictures of storm inlets where this type of steel grating has been installed.

If you should have any questions or require additional information, please do not hesitate to call our office.

Sincerely,

AGNOLI, BARBER & BRUNDAGE, INC.



James A. Carr, P.E.

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