

## **ROAD RECONSTRUCTION, DRAINAGE DESIGN & CONSTRUCTION MANAGEMENT FOR 14-SEPARATE SITES- PHASE I, II**

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**Client Name:** *City of Miami Public Works Department*

**Type of Service:** *Civil Engineering - City of Miami Pavement Rehabilitation*

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### **Phase I of the Project:**

Milian, Swain & Associates, Inc. (MSA) provided pavement evaluation, recommendation, and design of improvements of 2.4 miles of residential subdivision streets. This project entailed the demolition of the asphalt and limerock base of 14 sites and reconstruction. Also, included in this project was the reworking of existing swales and sidewalks to ensure a proper stormwater plan line to the collection points. Spot drainage improvements were provided in the form of additional drainage structures and exfiltration trenches. Complete plan and profile plans depicting pavement resurfacing, reconstruction, regrading, swale reconstruction, pavement marking, signage and traffic control were

prepared. MSA also provided specifications and engineer's opinion of probable construction cost.

### **Phase II of the Project:**

MSA assisted the City during the construction phase of the project with the following services:

MSA attended along with the City of Miami staff the pre-construction conference. MSA clarified questions the contractor had regarding the construction plans and specifications in writing. Meeting minutes will be prepared and distributed to the City and the Contractor.

MSA was responsible for review shop drawings submitted by the contractor, performed construction observations; coordinated with the Contractor's schedule to observe the general status and progress of the work. MSA attended monthly construction meetings. The purpose of these meetings was to review the previous month's progress and ensure the project was proceeding according to the executed contract project schedule. MSA performed a final construction observation of the project sites and prepared a construction completion report for submittal to the City of Miami.

