

EXHIBIT A SPECIFICATIONS

Financial Management Number: 449506-1-54-01

Glades Area Street Resurfacing and Reconstruction
All work is within the City's right-of-way

ROADWAYS TO BE RESURFACED

ITEM NO.	ROADWAYS TO BE RESURFACED	RESURFACING LIMIT	PROJECT LENGTH (FT)	RDWY WIDTH (FT)	SPEED LIMIT (MPH)
1	SW 4 th St	Dr MLK Jr Blvd W south to termination	1,516	24	15
2	SE Ave M	S Main St east to termination	670	20	15
3	SW 1 st St	SW Ave F south to termination	760	24	15
4	SW 2 nd St	Dr MLK Jr Blvd W south to termination	1,494	24	15
5	SW 3 rd St	Dr MLK Jr Blvd W south to termination	1,501	24	15
6	NE 3 rd St	NE Ave H north to termination	1,123	24	15
7	NE 2 nd St	NE Ave B north to termination	2,953	24	15
8	NE 24 th St	NE Ave L south to termination	1,260	24	15
9	SW Ave C Pl	SW 8 th St east to SW 6 th St	773	36	15
10	SW Ave D	SW 10 th St east to SW 4 th St	2,202	36	15
11	SE Ave F	S Main St east to SE 8 th St	2,756	24	15
12	Whitaker Rd	E Canal St S south to termination	1,492	20	15
13	NW 13 th St	W Canal St N north to termination	949	24	15

A. SPECIFICATIONS:

1. Asphalt is to be installed in accordance with all applicable current FDOT Specifications and City of Belle Glade Construction Specifications.
2. The final product/result is to resurface the roadways listed within a minimum of 1 1/2-inch asphaltic surface with improved roadway surface texture and slight grade irregularities.
3. The roadways are to be resurfaced/overlayed utilizing an asphaltic mixture, to be approved by the City and FDOT prior to installation.
4. The resurfaced asphalt mixture is to be SP 12 or Equivalent.
5. The resurfacing is to be either completed by milling a minimum of 2-inches / max of 6-inches with drive course to follow, or to clean, prime and resurface the existing streets.
 - i. If an overlay of the existing roadway is approved for resurfacing, the Contractor shall minimize the elevation drop off (post overlay) between the edge of pavement and existing shoulder/grades. Additionally, the Contractor shall notify the City/Public Works Department and identify the locations where additional fill shall be added to reduce said drop off.
 - ii. On roadways that have concrete curb or gutter along the edge of pavement, the Contractor shall be required to mill along the concrete-asphalt transition to provide minimum elevation differences between transitions.

EXHIBIT A SPECIFICATIONS

- iii. All elevation differences along edge of pavements, existing shoulders and grades shall not exceed the allowable per FDOT Standards and Specifications.
- 6. The milling shall be in accordance with FDOT Specifications.
- 7. Millings can be utilized in the resurfacing asphalt mix, containing up to 40% recycled material.
- 8. Although milling the existing roadway is preferred, it is not required.
- 9. The existing roadways may be resurfaced with either method utilized, although the general intent is to remove the majority of roadway grade, excessive slopes, and failure irregularities.
- 10. Roadway lengths shown on the "Schedule of Values" and "Roadways to be Resurfaced" lists are to be field verified/confirmed by the Contractor prior to bidding and are to be resurfaced to match existing roadway lengths.
 - i. Roadway lengths are approximated (+/- 10'-0") and shall be used to assist the Contractor during bidding (all lengths shall be field verified). The Contractor is responsible for conducting pre-bid site investigations on all roadways to verify all information provided on the "Schedule of Values" and "Roadways to be Resurfaced" lists. The Contractor shall adjust Bid Price as necessary to complete the required work before submitting a Bid. Bid Items/Lump Sum amounts shall include ALL restoration work required to fully complete resurfacing (including traffic light signalization/loop repairs) as per all requirements listed in these Bid Documents.
 - ii. For all roadways, the Contractor shall resurface ALL asphalt between the intersections/roadway limits specified including the intersections at those limits and all intersections between those limits. Resurfacing shall extend through ALL intersections including ALL travel lanes and ALL points of roadway curvatures in ALL directions (except when specified otherwise).
 - iii. Any discrepancies in the City supplied length tables shall be brought to the attention of the City/Engineer DURING THE BIDDING PROCESS and prior to submitting a Bid. Failure to do so shall not alleviate the Contractor from performing said Work at the Lump Sum amounts submitted per the awarded Bid.
- 11. Roadway widths shown on the "Schedule of Values" and "Roadways to be Resurfaced" lists are to be field verified/confirmed by the Contractor prior to bidding and to be resurfaced to match existing roadway widths.
 - i. Roadway widths are approximated (+/- 5'-0") and shall be used to assist the Contractor during bidding (all widths shall be field verified). The Contractor is responsible for conducting pre-bid site investigations on all roadways to verify all information provided on the "Schedule of Values" and "Roadways to be Resurfaced" lists. The Contractor shall adjust Bid Price as necessary to complete the required work before submitting a Bid. Bid Items/Lump Sum amounts shall include ALL restoration work required to fully complete resurfacing (including traffic light signalization/loop repairs) as per all requirements listed in these Bid Documents.
 - ii. For all roadways, the Contractor shall resurface ALL asphalt from edge of pavement to edge of pavement (or from curb and/or sidewalk) within the public right-of-way, including street/parallel parking areas. Resurfacing limits shall stop at residential driveways and non-street parking lot areas; however, adjustments to driveway transitions/harmonization shall be made, as necessary.
 - iii. Any discrepancies in the City supplied width tables shall be brought to the attention of the City/Engineer DURING THE BIDDING PROCESS and prior to submitting a Bid. Failure to do so shall not alleviate the Contractor from performing said Work at the Lump Sum amounts submitted per the awarded Bid.

EXHIBIT A SPECIFICATIONS

12. Striping shall be as required by the "Proposed Resurfacing Roadway Typical Section" and any other applicable FDOT Specifications. Thermoplastic striping is not required unless the existing roadway utilizes such material.
 - i. At a minimum, the Contractor shall follow the guidelines set forth on the typical roadway cross section detail (yellow skip stripe along roadway centerline and white solid stripe along edge of travel lane). On roadways with more than two lanes that require additional striping, existing striping should be matched. For all cases, the Contractor shall meet the minimum requirements set forth in FDOT guidelines and design standards.
 - ii. The Contractor shall restripe ALL roadways being resurfaced. Additionally, ALL stops at ALL intersections passing through the project shall be restriped as well – this includes white stop bars and double yellow markings for one-way, two-way, three-way and/or four-way stop intersections. NOTE: roadways with stops that are not directly being resurfaced but pass through the proposed street being resurfaced WILL REQUIRE new stop bars and double yellow markings.
13. The typical section attached is to be utilized for all roadway resurfacing (see provided detail – "Proposed Resurfacing Roadway Typical Section").
14. The awarded bidder shall provide a Pre-Construction Video.