



CITY OF DORAL
 PUBLIC WORKS DEPARTMENT
 8401 NW 53rd Terrace
 DORAL, FLORIDA 33166
 Ph. (305)593-6740
 Fax (305) 593-6617

WORK AUTHORIZATION FOR CONTRACTUAL SERVICES

TO: H & R Paving, Inc.
 1955 NW 110th Avenue
 Miami, FL 33172
 305-261-3005
 305-592-6079 FAX

DATE: May 31, 2017

WORK ORDER No. 17-01 (ITB #2016-43)

TOTAL AMOUNT: \$87,277.63 (Not to exceed)

PROJECT SCOPE OF WORK: The City of Doral authorizes the firm of H&R Paving, Inc. to proceed with milling, resurfacing, road striping, and sidewalk construction as per the attached roadway plan description. Work is to be performed along the following road segment, NW 36th St. between NW 104th Ave. and NW 107th Ave., as provided by the City's Public Works Department, in accordance with the terms, conditions and specifications of the Contract Documents, (ITB#2016-43) "Milling and Resurfacing of Bituminous Paving, Miscellaneous Stormwater Improvement" Agreement. All road construction and repairs will comply with Miami-Dade County Public Works Manual Part 2 Design and Construction Section 51, Limerock Base, Section 100, Prime and Tack Coats, Section 132, Asphaltic Concrete Binder Course, Section 133, Type S-1 Asphaltic Concrete Surface Course.

If Contractor fails to execute said Work Order in a timely manner and complete all work within 30 calendar days from the time this work order is executed. The City of Doral will be entitled to disqualify the Proposal, and revoke the award.

The performance of services associated with this Work Order will be executed on a 'Line Item' basis with a not to exceed amount of \$87,277.63 which includes a 10% contingency.

Contractor: H & R Paving, Inc.

BY: [Signature]
 NAME: Albe Rodriguez
 TITLE: [Signature]

WITNESSES: SEAL:
 1. [Signature]
 2. [Signature]

OWNER: City of Doral
 BY: [Signature]
 NAME: Edward Rojas
 TITLE: City Manager

AUTHENTICATION:
 BY: [Signature]
 NAME: Connie Diaz
 TITLE: City Clerk

APPROVED AS TO FORM AND
 LEGAL SUFFICIENCY FOR THE SOLE USE
 OF THE CITY OF DORAL:

BY: [Signature]
 NAME: Weiss, Serota, Helfman,
 Cole & Bierman, PL
 TITLE: City Attorney

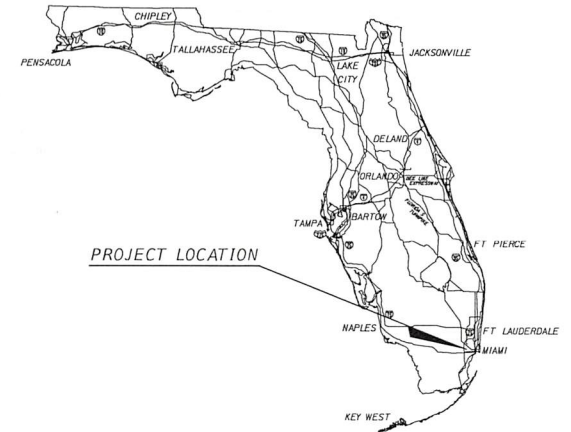


MAYOR LUIGI BORIA
 VICE MAYOR CHRISTI FRAGA
 COUNCILMAN PETE CABRERA
 COUNCILWOMAN SANDRA RUIZ
 COUNCILWOMAN ANA MARIA RODRIGUEZ

CITY OF DORAL

CONTRACT PLANS

2016 ROADWAY RESURFACING PROJECTS



INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	GENERAL NOTES & TABULATION OF QUANTITIES
3	NW 36TH STREET FROM NW 104 AVENUE TO NW 107 AVENUE

NW 36TH ST



PLANS PREPARED BY:

JAVIER RODRIGUEZ, P.E.
 R. J. BEHAR & COMPANY, INC.
 6861 S.W. 196 AVENUE, SUITE 302
 PEMBROKE PINES, FL 33332



R.J. Behar & Company, Inc.
 Engineers • Planners

6861 S.W. 196 AVENUE, SUITE 302
 PEMBROKE PINES, FL 33332
 VENDOR IDENTIFICATION F65 095 4070
 CERTIFICATE OF AUTHORIZATION NO. 00008365
 CONTRACT NO. C-8001

NOTE: THE SCALE OF THESE PLANS MAY
 HAVE CHANGED DUE TO REPRODUCTION.

P.E. NO.: 48264

ROADWAY PLANS
 ENGINEER OF RECORD: JAVIER RODRIGUEZ, PE

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE CITY OF DORAL STANDARDS, MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT STANDARDS AND SPECIFICATIONS PART 1, 2 AND 3, THE MANUAL OF MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS, THE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS DATED FY 2016-2017 AND THE SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED FY 2016-2017, AS AMENDED BY THE CONTRACT DOCUMENTS.

GENERAL NOTES:

- 1.- EXISTING DRAINAGE STRUCTURES WITHIN THE CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
- 2.- UTILITY OWNERS:

<u>UTILITY OWNERS</u>	<u>PHONE NO.</u>
COMCAST CABLE	954-447-8405
FLORIDA CITY GAS	305-835-3650
DADE COUNTY PUBLIC WORKS AND TRAFFIC	305-412-0891 EXT: 201
FIBERLIGHT LLC	954-422-5618
FLORIDA POWER & LIGHT	800-868-9554
FPL FIBERNET LLC	305-552-2931
HOTWIRE COMMUNICATIONS	954-417-3606
MIAMI DADE ENTERPRISE TECHNOLOGY SERVICES DEPARTMENT	786-256-1554
LEVEL 3 COMMUNICATIONS LLC	877-366-8344 EXT: 2
MIAMI DADE WATER SEWER AT&D/DISTRIBUTION	786-268-5320 305-222-8745
- 3.- THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES IN THE AREA OF WORK AT LEAST 48 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- 4.- ALL EXISTING FENCES ARE TO REMAIN UNLESS OTHERWISE NOTED. ANY FENCES, DAMAGED BY THE CONTRACTOR AT ANY TIME DURING CONSTRUCTION MUST BE REPLACED OR REPAIRED TO ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE CITY.
- 5.- ALL EXISTING SIGNS ARE TO REMAIN UNLESS OTHERWISE NOTED. ANY SIGNS, DAMAGED BY THE CONTRACTOR AT ANY TIME DURING CONSTRUCTION MUST BE REPLACED OR REPAIRED TO ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE CITY.
- 6.- ALL TREES ARE TO REMAIN UNLESS OTHERWISE NOTED. CONTRACTOR IS TO USE CAUTION NOT TO DAMAGE ANY TREES OR PALMS, WITHIN CONSTRUCTION LIMITS. ANY TREE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE CITY.
- 7.- ALL PULL BOXES, MANHOLES, VALVE BOXES, ETC. SHALL BE ADJUSTED MEETING THE UTILITY OWNER'S REQUIREMENTS/CRITERIA. CONTRACTOR SHALL COORDINATE ALL THIS WORK WITH PRIOR NOTICES TO THE UTILITY OWNER.
- 8.- IN AREAS WHERE NEW ASPHALT PAVEMENT IS MATCHING EXISTING PAVEMENT, CONTRACTOR SHALL SAWCUT EXISTING PAVEMENT AND PROVIDE A SMOOTH TRANSITION (INCLUDING ALL DRIVEWAYS).
- 9.- THE CONTRACTOR SHALL INSTALL BLUE RPMS IN THE CENTER OF THE TRAVEL LANE IN FRONT OF FIRE HYDRANTS.
- 10.- IF IT IS DISCOVERED DURING THE MILLING OPERATION THAT THE EXISTING PAVEMENT IS LESS THAN 1", THE CONTRACTOR SHALL BRING THIS CONDITION TO THE ATTENTION OF THE CITY'S PROJECT INSPECTOR IMMEDIATELY.
- 11.- CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES AS PER FDOT INDECS 600'S.
- 12.- CONTRACTOR SHALL NOTIFY ALL ADJACENT PROPERTY OWNERS AND BUSINESSES AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF WORK.
- 13.- ALL EXISTING UTILITIES ARE TO REMAIN UNLESS OTHERWISE NOTED.
- 14.- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES PRIOR TO STARTING WORK.
- 15.- CONTRACTOR SHALL BE ADVISED THAT EXISTING UNDERGROUND AND ABOVEGROUND UTILITIES ARE NOT SHOWN ON PLANS.
- 16.- THE CONTRACTOR IS ADVISED THAT THERE ARE EXISTING OVERHEAD UTILITIES WITHIN THE PROJECT LIMITS WHICH MAY RESULT IN A LIMITED VERTICAL CLEARANCE FOR THE CONTRACTOR'S EQUIPMENT AND OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE NECESSARY ADJUSTMENTS TO HIS OPERATIONS IN ORDER TO CONSTRUCT THE PROJECT WITHIN CLEARANCE LIMITATIONS.
- 17.- IN AREAS WHERE NEW ASPHALT PAVEMENT IS MATCHING EXISTING PAVEMENT, CONTRACTOR SHALL SAWCUT EXISTING PAVEMENT AND PROVIDE A SMOOTH TRANSITION (INCLUDING ALL DRIVEWAYS).

EROSION AND SEDIMENTATION CONTROL NOTES:

- 1.- TEMPORARY SEDIMENTATION CONTROL DEVICES, SUCH AS INLET PROTECTION SYSTEMS AND SEDIMENT BARRIERS SHALL BE INSTALLED AROUND INLETS BEFORE COMMENCEMENT OF WORK AND SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. SEDIMENT BARRIERS SHALL BE INSTALLED AT ALL CONSTRUCTION BOUNDARIES WHERE STORMWATER RUNOFF HAS THE POTENTIAL TO REACH SURFACE WATERS OR OFFSITE STORMWATER COLLECTION FACILITIES.
- 2.- THE CONTRACTOR SHALL PRACTICE GOOD HOUSEKEEPING BY INSTITUTING A CLEAN ORDERLY, CONSTRUCTION SITE.
- 3.- DUST RESULTING FROM PROPOSED MILLING ACTIVITIES SHALL BE PREVENTED FROM INTRUSION INTO THE STORM WATER CONVEYANCE SYSTEM. APPROPRIATE DUST CONTROL TECHNIQUES SUCH AS STREET SWEEPING AND/OR TRUCK WATERING MUST BE RETAINED ON SITE OR PERFORMED AT THE END OF EACH WORK DAY. THE USE OF CALCIUM CHLORIDE, OILS OR OTHER CHEMICAL DUST CONTROL AGENT SHALL BE AVOIDED.
- 4.- ALL COSTS FOR EROSION AND SEDIMENTATION CONTRACT SHALL BE INCLUDED IN THE ASSOCIATED PAY ITEM FOR THE WORK BEING DONE.

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	NW 36TH STREET		GRAND TOTAL		REF. SHEET
			SHEET 3		PLAN	FINAL	
			PLAN	FINAL			
11	CONSTRUCT NEW SIDEWALK (4" THICK, 6" THICK AT DRIVEWAY) INCLUDE CUT AND FILL, SUB-GRADE PREP., ADA COMPLIANT HANDICAP RAMP, ETC.	SF	5,048		5,048		
13	CURB RAMP DETECTABLE WARNING SURFACE (TO INSTALL ON ADA COMPLIANT CURB RAMP)	SF	42		42		
14	REMOVE EXISTING CURB & GUTTER OR VALLEY GUTTER (INCLUDES DISPOSAL OF MATERIAL)	LF	65		65		
19	CONSTRUCT NEW TYPE F CURB & GUTTER (AS PER FDOT STANDARDS)	LF	65		65		
32	ADJUST VALVE BOXES	EA	9		9		
36	1" PAVEMENT MILLING	SY	4,972		4,972		
44	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, SP-9.5 (1" AVG.)	TN	273		273		
56	BACK OF SIDEWALK AREA RESTORATION (INCLUDING SOO, LANDSCAPING, ASPHALT, ETC.)	SY	194		194		
61	RETRO-REFLECTIVE PAVEMENT MARKERS (YELLOW)	EA	46		46		
N/A	RETRO-REFLECTIVE PAVEMENT MARKERS (BLUE)	EA	4		4		
62	RETRO-REFLECTIVE PAVEMENT MARKERS (WHITE)	EA	8		8		
64	PAINTED PAVEMENT MARKINGS, ARROWS	EA	8		8		
65	PAINTED PAVEMENT MARKINGS, WHITE, SOLID 6"	LF	2,233		2,233		
68	PAINTED PAVEMENT MARKINGS, WHITE, SOLID 18"	LF	206		206		
69	PAINTED PAVEMENT MARKINGS, WHITE SOLID, SOLID FOR STOP LINES OR CROSSWALK, 24"	LF	53		53		
74	PAINTED PAVEMENT MARKINGS, YELLOW, SOLID 6"	LF	517		517		
75	PAINTED PAVEMENT MARKINGS, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	529		529		
76	PAINTED PAVEMENT MARKINGS, YELLOW, SKIP/DOTTED, 6" (10/30)	LF	3,432		3,432		
77	THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	LF	2,233		2,233		
80	THERMOPLASTIC, WHITE, SOLID, 18"	LF	206		206		
81	THERMOPLASTIC, WHITE, SOLID FOR STOP LINE AND CROSSWALK, 24"	LF	53		53		
85	THERMOPLASTIC, WHITE, ARROWS	EA	8		8		
86	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	LF	517		517		
87	THERMOPLASTIC, YELLOW, SOLID FOR DIAGONALS AND CHEVRONS, 18"	LF	529		529		
88	THERMOPLASTIC, STANDARD, YELLOW, SKIP/DOTTED, 6" (10/30)	LF	3,432		3,432		

* BID ITEM No. 44 WAS DETERMINED USING 110 POUNDS PER SQUARE YARD (SY).

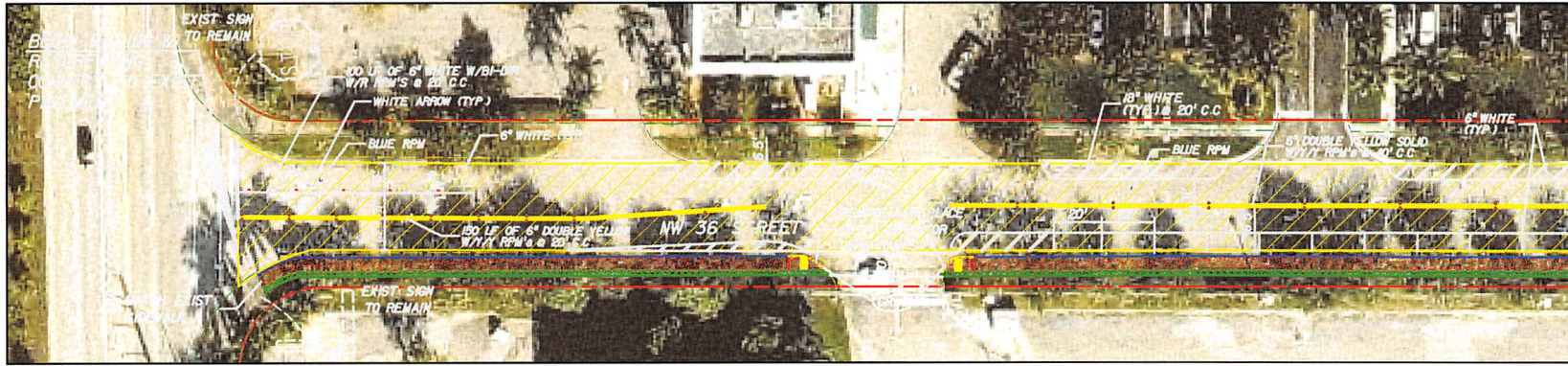
* ADDITIONAL QUANTITIES HAVE BEEN INCLUDED IN THE TOTAL QUANTITY AMOUNT AND ARE INCLUDED AS CONTINGENCY TO BE USED AS DIRECTED BY THE ENGINEER
 31.32: ONLY ONE PAYMENT SHALL BE MADE PER FACILITY TO BE ADJUSTED. PRICE AND PAYMENT FOR EACH UNIT INCLUDES COST OF ADJUSTMENT REQUIRED FOR THE PROPER CONSTRUCTION OF THE PROJECT. VALVE BOXES AND MANHOLES SHALL BE ADJUSTED WHENEVER THEY ARE 1/4" OR MORE ABOVE OR BELOW THE PAVEMENT FINAL GRADE ELEVATION. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING MEASUREMENTS ON ALL MANHOLES / VALVES BOXES WITHIN PAVING LIMITS. COST OF THE MEASURING IS INCLUDED IN ASPHALT COURSE PAY ITEMS.

THE MEASUREMENTS SHALL BE MADE PRIOR TO MILLING BETWEEN 10FT. STRAIGHTEDGE, PLACED ON THE TOP OF THE MANHOLE / VALVE BOX, AND THE EXISTING PAVEMENT

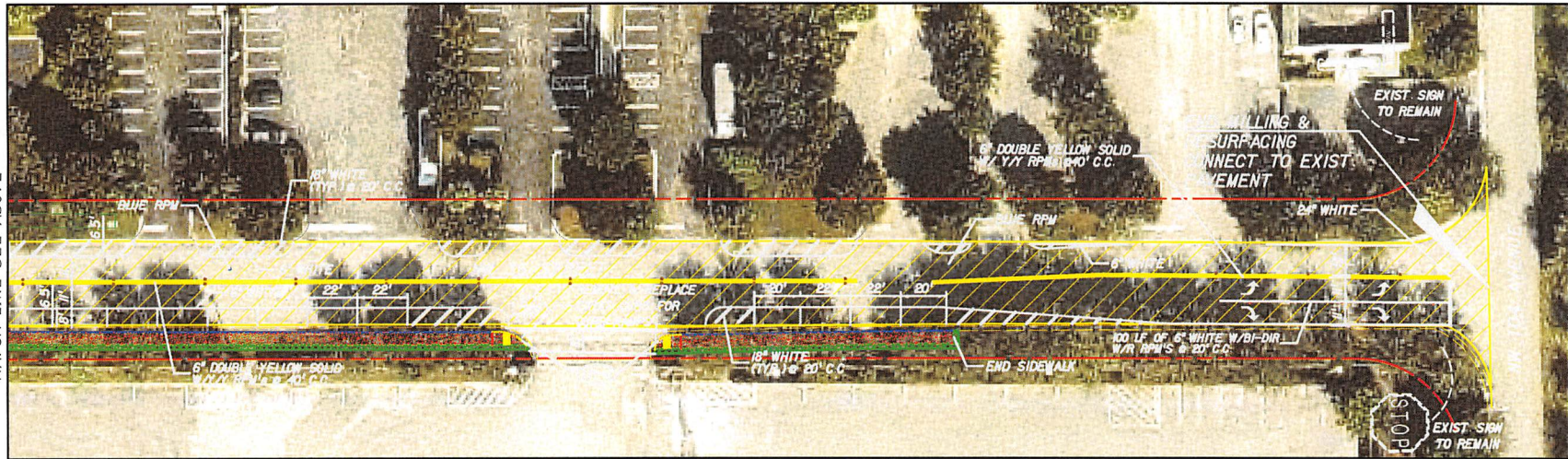
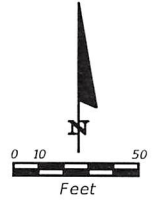
THE QUANTITY TABULATION(S) SUMMARIZE MANHOLES / VALVE BOXES OWNED BY THE UTILITY AGENCY / OWNER THAT HAVE BEEN IDENTIFIED WITHIN THE PROJECT HOWEVER, THE ACTUAL NUMBER TO BE ADJUSTED WILL BE AS APPROVED BY THE ENGINEER.



REVISIONS				PROJECT:	SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION			
				R.J. Behar & Company, Inc. Engineers • Planners 6961 S.W. 196 Avenue, Suite 302 Pembroke Pines, FL 33332 ROBERT J. BEHAR, P.E. LICENSE NO. 21755 CERTIFICATE OF AUTHORIZATION NO. 00008365	CITY OF DORAL 2016 ROADWAY RESURFACING PROJECTS	GENERAL NOTES & TABULATION OF QUATITIES



MATCH LINE SEE BELOW



MATCH LINE SEE ABOVE

LEGEND:

- DENOTES LIMITS OF 1" MILLING AND RESURFACING SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, SP - 9.5
- DENOTES NEW SOD
- DENOTES NEW SIDEWALK
- DENOTES DETECTABLE WARNING SYSTEM

NOTES:

1. CONTRACTOR SHALL NOTIFY ADJACENT PROPERTY OWNERS PRIOR TO COMMENCEMENT OF WORK.
2. APPROVED M.O.T. PLANS SHALL BE REQUIRED ANYTIME WORK IS BEING PERFORMED AND CONFORM TO THE LATEST EDITION OF FDOT DESIGN STANDARDS 600 SERIES AND THE MUTCD.
3. CONTRACTOR SHALL VERIFY ALL PAVEMENT WIDTHS BEFORE COMMENCING WORK.
4. CONTRACTOR SHALL MATCH EXISTING PAVEMENT MARKINGS.
5. INSTALL PAVEMENT MARKINGS AND ARROWS PER FDOT INDEX 17346.
6. INSTALL CONCRETE CURBS PER FDOT INDEX 300.
7. INSTALL CONCRETE SIDEWALKS PER FDOT INDEX 310.
8. INSTALL CURB RAMPS PER FDOT INDEX 304.

REVISIONS		REVISIONS		R.J. Behar & Company, Inc. Engineers • Planners <small>5961 S.W. 186 Avenue, Suite 302 Pembroke Park, FL 33332 ROBERT J. BEHAR, P.E. LICENSE NO. 21755 CERTIFICATE OF AUTHORIZATION NO. 00008365</small>	PROJECT: CITY OF DORAL 2016 ROADWAY RESURFACING PROJECTS	NW 36 ST FROM NW 104 AVE TO NW 107 AVE	SHEET NO. 3
DATE	DESCRIPTION	DATE	DESCRIPTION				

Item	Description	Unit	QTY	Unit Price	Cost
1	Mobilization-Demobilization (Emergency Repairs)(Includes dust control methods)	EA		\$ 1.00	\$ -
2	Maintenance of Traffic (Emergency Repairs)(Includes traffic control, pedestrian and vehicle access, signs, barricades, and flagger, as per FDOT Standards, lighting, and steel plates if required)	EA		\$ 1.00	\$ -
3	Mobilization-Demobilization (Milling and Resurfacing Projects)(Includes dust control methods)	EA	1	\$ 1.00	\$ 1.00
4	Maintenance of Traffic (Milling and Resurfacing Projects)(Includes traffic control, pedestrian and vehicle access, signs, barricades, and flagger, as per FDOT Standards, lighting, and steel plates if required)	EA	1	\$ 450.00	\$ 450.00
5	Mobilization-Demobilization (Pavement Marking and Signage Projects)(Scope of work: existing pavement marking removal, pavement markings, rpms, etc.)	EA	1	\$ 1.00	\$ 1.00
6	Maintenance of Traffic (Pavement Marking Projects)(Includes traffic control, pedestrian and vehicle access, signs, barricades, and flagger, as per FDOT Standards, lighting, and steel plates if required)	EA	1	\$ 1.00	\$ 1.00
7	Mobilization-Demobilization (Concrete Projects)(Includes dust control methods)(Scope of work: removal of existing concrete features, installation of new concrete features)	EA	1	\$ 1.00	\$ 1.00
8	Maintenance of Traffic (Concrete Projects)(Includes traffic control, pedestrian and vehicle access, signs, barricades, and flagger, as per FDOT Standards, lighting, and steel plates if required)	EA	1	\$ 450.00	\$ 450.00
9	Mobilization-Demobilization (Stormwater Improvements Project)(Includes dust control methods)(Scope of work: repairs of existing features, installation of new features)	EA		\$ 1.00	\$ -
10	Maintenance of Traffic (Stormwater Improvements Project)(Includes traffic control, pedestrian and vehicle access, signs, barricades, and flagger, as per FDOT Standards, lighting, and steel plates if required)	EA		\$ 450.00	\$ -
11	Remove existing Sidewalk (4" thick, 6" thick at driveways)(Includes removal of handicap ramps, meter/valve box adjustment, and disposal of materials)	SF		\$ 2.00	\$ -
12	Construct new sidewalk (4" thick, 6" thick at driveway)(Includes cut and fill, sub-grade prep., ADA compliant handicap ramps, etc.)	SF	5,048	\$ 4.50	\$ 22,716.00
13	Curb Ramp Detectable Warning Surface (to install on ADA compliant curb ramp)	SF	42	\$ 25.00	\$ 1,050.00
14	Root pruning under existing sidewalk (Perpendicular length of sidewalk)(Includes disposal of material)	LF		\$ 1.00	\$ -
15	Remove Existing Curb & Gutter, Valley Gutter, Traffic Separator (Includes Disposal of Material)	LF	65	\$ 5.00	\$ 325.00
16	Construct Concrete Traffic Separator	SF		\$ 10.00	\$ -
17	Construct New Type A Concrete Curb (as per FDOT Standards)(Includes sub-grade material and prep.)	LF		\$ 10.00	\$ -
18	Construct New Type B Concrete Curb (as per FDOT Standards)(Includes sub-grade material and prep.)	LF		\$ 10.00	\$ -
19	Construct New Type D Concrete Curb (as per FDOT Standards)(Includes sub-grade material and prep.)	LF		\$ 25.00	\$ -
20	Construct New Type E Median Curb (as per FDOT Standards)(Includes sub-grade material and prep.)	LF		\$ 25.00	\$ -
21	Construct New Type F Curb & Gutter (as per FDOT Standards)(Includes sub-grade material and prep.)	LF	65	\$ 30.00	\$ 1,950.00
22	Construct New Drop Curb (as per FDOT Standards)(Includes sub-grade material and prep.)	LF		\$ 10.00	\$ -
23	Grading of Grass Swale Area	SF		\$ 0.50	\$ -
24	Removal of Existing Drainage Structure (Includes removal and disposal of material)	EA		\$ 500.00	\$ -
25	Installation of Type P Drainage Structure	EA		\$ 3,500.00	\$ -
26	Furnish and Install Exfiltration Trench - 18" Perforated HDPE Pipe (4' wide trench)(Includes asphalt removal, excavation, backfill, sub-grade backfill material, lime rock base, disposal of excess, and trench temporary restoration)	LF		\$ 100.00	\$ -
27	Furnish and Install Exfiltration Trench - 24" Perforated HDPE Pipe (4' wide trench)(Includes asphalt removal, excavation, backfill, sub-grade backfill material, lime rock base, disposal of excess, and trench temporary restoration)	LF		\$ 110.00	\$ -
28	Furnish and Install 15" Solid-Wall HDPE Pipe (Includes asphalt removal, excavation, backfill, sub-grade backfill material, lime rock base, disposal of excess, and trench temporary restoration)			\$ 50.00	\$ -
29	Furnish and Install 18" Solid-Wall HDPE Pipe (Includes asphalt removal, excavation, backfill, sub-grade backfill material, lime rock base, disposal of excess, and trench temporary restoration)	LF		\$ 50.00	\$ -
30	Furnish and Install 24" Solid-Wall HDPE Pipe (Includes asphalt removal, excavation, backfill, sub-grade backfill material, lime rock base, disposal of excess, and trench temporary restoration)	LF		\$ 50.00	\$ -
31	Core Drill, Tie & Seal to Existing Drainage Structure	EA		\$ 200.00	\$ -
32	Furnish and Install Pollution Baffles / Skimmer	EA		\$ 200.00	\$ -

33	Furnish and Install Sediment Barrier (Silt Fence)	LF		\$ 1.00	\$ -
34	Adjust Manhole	EA		\$ 1.00	\$ -
35	Adjust Valve Boxes	EA	9	\$ 1.00	\$ 9.00
36	Seal Existing Pipe Connections	EA		\$ 50.00	\$ -
37	Flowable Fill	CY		\$ 150.00	\$ -
38	Regular Excavation	CY		\$ 1.00	\$ -
39	Embankment	CY		\$ 1.00	\$ -
40	Type B Stabilization	CY		\$ 2.00	\$ -
41	Rework Limerock Base, 3"	SY		\$ 2.00	\$ -
42	Optional Base, Base Group 6	SY		\$ 18.00	\$ -
43	Optional Base, Base Group 11	CY		\$ 20.00	\$ -
44	Coral Rock Limerock LBR 40	TN		\$ 20.00	\$ -
45	Milling Existing Asphalt Pavement, 1" Ave. Depth	SY	4,972	\$ 2.00	\$ 9,944.00
46	Milling Existing Asphalt Pavement, 2" Ave. Depth	SY		\$ 0.50	\$ -
47	Asphalt Leveling Course	TN		\$ 80.00	\$ -
48	Superpave Asphaltic Concrete, Traffic B, SP-9.5	TN	273	\$ 110.50	\$ 30,166.50
49	2" S-3 Bituminous Overlay	TN		\$ 100.00	\$ -
50	Exploratory Excavation: JD310 or Equal w/Operator	HR		\$ 40.00	\$ -
51	Exploratory Excavation: JD310 or Equal w/Operator	CY		\$ 1.00	\$ -
52	Exploratory Excavation: 2-man Labor Crew	HR		\$ 40.00	\$ -
53	Exploratory Excavation: 2-man Labor Crew	CY		\$ 1.00	\$ -
54	Furnish and Install Sod	SY	194	\$ 5.00	\$ 970.00
55	Tree Relocation Specimen (Tree Trunk diameter < 12 in., DBH)	EA		\$ 850.00	\$ -
56	Tree Relocation Specimen (Tree Trunk diameter > 12 in., DBH)	EA		\$ 1,500.00	\$ -
57	Existing Thermoplastic Striping/Markings Removal	SF		\$ 2.40	\$ -
58	Retro-reflective Pavement Markers (yellow)	EA	46	\$ 3.60	\$ 165.60
59	Retro-reflective Pavement Markers (white)	EA	8	\$ 3.60	\$ 28.80
60	Retro-reflective Pavement Markers (blue)	EA	4	\$ 3.60	\$ 14.40
61	Painted Pavement Marking, Standard, White, Solid, 6"	EA	2,233	\$ 0.24	\$ 535.92
62	Painted Pavement Marking, Standard, White, Solid, 8"	EA		\$ 0.96	\$ -
63	Painted Pavement Marking, Standard, White, Solid, 12"	LF		\$ 0.96	\$ -
64	Painted Pavement Marking, Standard, White, Solid, 18"	LF	206	\$ 1.20	\$ 247.20
65	Painted Pavement Marking, Standard, White, Solid, 24"	LF	53	\$ 1.20	\$ 63.60
66	Painted Pavement Marking, Standard, White, Skip, 6" (10'-30')	LF		\$ 0.24	\$ -
67	Painted Pavement Marking, Standard, White, Dotted/Guideline/6-10 GAP, Ext 6"	LF		\$ 0.24	\$ -
68	Painted Pavement Markings, Standard, White, Message	EA		\$ 36.00	\$ -
69	Painted Pavement Markings "SHARROW" and Bicycle Pavement Markings	EA		\$ 360.00	\$ -
70	Painted Pavement Markings, Standard, White, Arrow	EA	8	\$ 24.00	\$ 192.00
71	Painted Pavement Marking, Standard, Yellow, Solid, 6"	LF	517	\$ 0.24	\$ 124.08
72	Painted Pavement Marking, Standard, Yellow, Solid, 18"	LF	529	\$ 0.96	\$ 507.84
73	Painted Pavement Marking, Standard, Yellow, Skip, 6" (10'-30')	LF	3,432	\$ 0.24	\$ 823.68
74	Painted Pavement Marking, Standard, Yellow, Skip, 6" (2'-4')	LF		\$ 1.20	\$ -
75	Thermoplastic, Standard, White, Solid, 6"	LF	2,233	\$ 0.84	\$ 1,875.72
76	Thermoplastic, Standard, White, Solid, 8"	LF		\$ 1.20	\$ -
77	Thermoplastic, Standard, White, Solid, 12"	LF		\$ 2.04	\$ -
78	Thermoplastic, Standard, White, Solid, 18"	LF	206	\$ 3.60	\$ 741.60
79	Thermoplastic, Standard, White, Solid, 24"	LF	53	\$ 3.60	\$ 190.80
80	Thermoplastic, Standard, White, Skip, 6" (10'-30')	LF		\$ 0.84	\$ -
81	Thermoplastic, Standard, White, Dotted/Guideline/6-10 GAP, Ext 6"	LF		\$ 1.14	\$ -
82	Thermoplastic, Standard, White, Message	EA		\$ 144.00	\$ -
83	Thermoplastic "SHARROW" and Bicycle Pavement Markings	EA		\$ 360.00	\$ -
84	Thermoplastic, Standard, White, Arrow	EA	8	\$ 72.00	\$ 576.00
85	Thermoplastic, Standard, Yellow, Solid, 6"	LF	517	\$ 0.84	\$ 434.28
86	Thermoplastic, Standard, Yellow, Solid, 18"	LF	529	\$ 3.60	\$ 1,904.40
87	Thermoplastic, Standard, Yellow, Skip, 6" (10'-30')	LF	3,432	\$ 0.84	\$ 2,882.88
88	Thermoplastic, Standard, Yellow, Skip, 6" (2'-4')	LF		\$ 1.14	\$ -
89	Reflective Paint (Island Nose) Yellow	SF		\$ 2.40	\$ -
90	Patterned Pavement, Vehicular Areas - Green Bike Lane (FDOT Item No. 0523-1-3)	SY		\$ 30.25	\$ -
91	Single Sign Post, F&I	EA		\$ 360.00	\$ -
92	Replace Existing Traffic Loop	EA		\$ 1,800.00	\$ -
93	Off-Duty Police Officer	HR		\$ 60.00	\$ -

Subtotal	\$	79,343.30
10% Contingency	\$	7,934.33
Total	\$	87,277.63