

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

DATE: August 4, 2017

WORK AUTHORIZATION FOR CONTRACTUAL SERVICES

H & R Paving, Inc.

1955 NW 110th Avenue

Miami, FL 33172 305-261-3005 305-592-6079 FAX

WORK ORDER No. 17-03 (ITB #2016-43)

TOTAL AMOUNT: \$47,855.35 (Not to exceed)

PROJECT SCOPE OF WORK: The City of Doral authorizes the firm of H&R Paving, Inc. to proceed with the bike lanes painting construction as per the attached roadway plan description. Work is to be performed along the following road segment, NW 82th St. between NW 114th Path to NW 112th 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 \$47,855.35 which includes a 10% contingency.

Contractor:	H & R Paving, Inc		WITNESSES: SEAL:
BY: NAME: TITLE:	Abe Rodrigue	1. 2.	- Fors
OWNER:	City of Doral		AUTHENTICATION:
BY:	(Euwan)	BY:	Column Xxx
NAME:	Edward Rojas	NAME:	Connie Diaz
TITLE:	City Manager	TITLE:	City Clerk
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LEGAL SUFFICIENCY FOR THE SOLE USE

OF THE CITY OF DORAL

BY: NAME: Weiss, Serota, Helfman,

Cole & Bierman, PL

TITLE: City Attorney

Item	Description	Unit	QTY	ι	Jnit Price		Cost
1	Mobilization-Demobilization (Emergency Repairs)(Includes dust control methods)	EA	A AMERICA	\$	1.00	\$	1000000
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-Demobilzation (Milling and Resurfacing Projects)(Includes dust control methods)	EA		\$	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		\$	450.00	\$	N PARTICIPATION OF THE PARTICI
5	Mobilization-Demobilization (Pavement Marking and Signage Projects) (Scope of work: existing pavement marking removal, pavement markings, rpms, etc.)	EA	1	\$	1.00	\$	1.
6	Maintenance of Traffic (<u>Pavement Marking Projects</u>)(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.
7	Mobilization-Demobilization (Concrete Projects)(Includes dust control methods)(Scope of work: removal of existing concrete features, installation of new concrete features)	EA		\$	1.00	\$	and a second
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		\$	450.00	\$	
9	Mobilization-Demobilzation (<u>Stormwater Improvements Project</u>)(Includes dust control methods)(Scope of work: repairs of existing features, installation of new features)	EA		\$	1.00	\$	
10	Maintenance of Traffic (<u>Stormwater Improvements Project</u>)(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	-	\$	4.50	\$	
13	Curb Ramp Detectable Warning Surface (to install on ADA compliant curb ramp)	SF		\$	25.00	\$	
14	Root pruning under existing sidewalk (Perpendicular length of sidewalk(Includes disposal of material)	LF	- 1	\$	1.00	\$	
15	Remove Existing Curb & Gutter, Valley Gutter, Traffic Separator (Includes Disposal	LF		\$	5.00	\$	
16	of Material) Construct Concrete Traffic Separator	SF	- 1	\$	10.00	\$	
17	Construct New Type A Concrete Curb (as per FDOT Standards)(Includes sub-grade material and prep.)	LF	. 1	\$	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	LF		\$	25.00	\$	
20	material and prep.) Construct New Type E Median Curb (as per FDOT Standards)(Includes sub-grade	LF		\$	25.00	\$	
21	material and prep.) Construct New Type F Curb & Gutter (as per FDOT Standards)(Includes sub-grade	LF		\$	30.00	\$	
	material and prep.) Construct New Drop Curb (as per FDOT Standards)(Includes sub-grade material			-	-	_	-
22	and prep.)	LF		\$	10.00	\$	
23	Grading of Grass Swale Area Removal of Existing Drainage Structure (Includes removal and disposal of	SF		\$	0.50	\$	
24	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	\$	

15 April Manufacility 15 100 5 1	22	Funcials and Install Cadiment Descine (Cile Forms)	LF		ć	1.00	ć	
Section Sect	33	Furnish and Install Sediment Barrier (Silt Fence)			\$	-	\$	
Seal Existing Page Connections	_				-	-	-	-
Towards Fall	Contract Con				_	-	-	-
Regular Escavation	THE REAL PROPERTY.	Seal Existing Pipe Connections			_		-	-
20	37	Flowable Fill	CY		_	150.00	-	-
40 Type B Stabilization CY S 2.00 S	38	Regular Excavation	CY		\$	1.00	\$	-
Auto-	39	Embankment	CY		\$	1.00	\$	-
42 Optional Base, Base Group 6	40	Type B Stabilization	CY		\$	2.00	\$	-
Age	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	\$	-
ASS STEP S	44		TN		\$	20.00	\$	-
Milling Existing Asphalt Pavement, 2" Ave. Depth	Management Street, or other Designation of the last of		-		and the last		-	-
Asphalt Levelling Course TN	46		SY		\$	0.50	\$	-
48 Superpave Asphaltic Concrete, Traffic B, SP-9.5 TN \$ 10.00 \$			-		-		CONTRACTOR OF THE PERSON NAMED IN	-
49 2" S 3 Bituminous Overlay	-				_	-		
Supporatory Excavation: J0310 or Equal w/Operator	_				_			
Sample Sexploratory Excavation: 10310 or Equal w/Operator			_		_	THE RESERVE OF THE PARTY OF THE	Name and Address of the Owner, where the Owner, which is the Owner, whic	-
Spioratory Exeavation: 2-man Labor Crew			-		_	-	_	
Supplication Expandition Supplication Suppl	-		CY		_			
Furnish and Install Sod Furnish and Install Sod Free Relocation Specimen (Tree Trunk diameter < 12 in., DBH)	52	Exploratory Excavation: 2-man Labor Crew	HR	-	_	40.00	_	
Tree Relocation Specimen (Tree Trunk diameter < 12 in., DBH)	53	Exploratory Excavation: 2-man Labor Crew	CY		\$	1.00	\$	-
Free Relocation Specimen (Tree Trunk diameter > 12 in., DBH)	54	Furnish and Install Sod	SY		\$	5.00	\$	-
S7 Existing Thermoplastic Striping/Markings Removal	55	Tree Relocation Specimen (Tree Trunk diameter < 12 in., DBH)	EA		\$	850.00	\$	14
Search	56	Tree Relocation Specimen (Tree Trunk diameter > 12 in., DBH)	EA		\$	1,500.00	\$	
Retro-reflective Pavement Markers (white)	57	Existing Thermoplastic Striping/Markings Removal	SF		\$	2.40	\$	-
Retro-reflective Pavement Markers (blue)	58	Retro-reflective Pavement Markers (yellow)	EA		\$	3.60	\$	-
Retro-reflective Pavement Markers (blue)	59	Retro-reflective Pavement Markers (white)	EA		\$	3.60	\$	-
Painted Pavement Marking, Standard, White, Solid, 6" EA \$ 0.24 \$ 0.56 \$ 0.66 \$ 0.			_		_		-	
Painted Pavement Marking, Standard, White, Solid, 12"					_			
Painted Pavement Marking, Standard, White, Solid, 12"					_	-	-	
Painted Pavement Marking, Standard, White, Solid, 18"	-		-		_		_	
Painted Pavement Marking, Standard, White, Solid, 24"					_	-		
Painted Pavement Marking, Standard, White, Skip, 6" (10'-30') LF	-				_	-	-	-
Painted Pavement Marking, Standard, White, Dotted/Guideline/6-10 GAP, Ext 6"			-		_	-	_	
Fainted Pavement Markings, Standard, White, Aessage	66	Painted Pavement Marking, Standard, White, Skip, 6" (10'-30')	LF		\$	0.24	\$	
Fainted Pavement Markings "SHARROW" and Bicycle Pavement Markings EA \$ 360.00 \$ - 70 Painted Pavement Markings, Standard, White, Arrow EA \$ 24.00 \$ - 71 Painted Pavement Marking, Standard, Yellow, Solid, 6" LF \$ 0.24 \$ - 72 Painted Pavement Marking, Standard, Yellow, Solid, 18" LF \$ 0.96 \$ - 73 Painted Pavement Marking, Standard, Yellow, Solid, 18" LF \$ 0.24 \$ - 74 Painted Pavement Marking, Standard, Yellow, Skip, 6" (2'-4') LF \$ 0.24 \$ - 75 Thermoplastic, Standard, Yellow, Skip, 6" (2'-4') LF \$ 1.20 \$ - 75 Thermoplastic, Standard, White, Solid, 8" LF \$ 0.84 \$ - 76 Thermoplastic, Standard, White, Solid, 8" LF \$ 1.20 \$ - 77 Thermoplastic, Standard, White, Solid, 12" LF \$ 1.20 \$ - 77 Thermoplastic, Standard, White, Solid, 12" LF \$ 3.60 \$ - 78 Thermoplastic, Standard, White, Solid, 24" LF \$ 3.60 \$ - 78 Thermoplastic, Standard, White, Solid, 24" LF \$ 3.60 \$ - 79 Thermoplastic, Standard, White, Solid, 24" LF \$ 3.60 \$ - 78 Thermoplastic, Standard, White, Solid, 24" LF \$ 3.60 \$ - 78 Thermoplastic, Standard, White, Solid, 24" LF \$ 3.60 \$ - 78 Thermoplastic, Standard, White, Solid, 24" LF \$ 3.60 \$ - 78 Thermoplastic, Standard, White, Solid, 24" LF \$ 3.60 \$ - 78 Thermoplastic, Standard, White, Message EA \$ 144.00 \$ - 78 Thermoplastic, Standard, White, Message EA \$ 360.00 \$ - 78 Thermoplastic, Standard, White, Arrow EA \$ 72.00 \$ - 78 Thermoplastic, Standard, White, Arrow EA \$ 360.00 \$ - 78 Thermoplastic, Standard, Yellow, Solid, 6" LF \$ 3.60 \$ - 78 Thermoplastic, Standard, Yellow, Solid, 6" LF \$ 3.60 \$ - 78 Thermoplastic, Standard, Yellow, Solid, 6" LF \$ 3.60 \$ - 78 Thermoplastic, Standard, Yellow, Solid, 6" LF \$ 3.60 \$ - 78 Thermoplastic, Standard, Yellow, Solid, 6" LF \$ 3.60 \$ - 78 Thermoplastic, Standard, Yellow, Solid, 18" LF \$ 3.60 \$ - 78 Thermoplastic, Standard, Yellow, Solid, 6" LF \$ 3.60	67	Painted Pavement Marking, Standard, White, Dotted/Guideline/6-10 GAP, Ext 6"	LF		\$	0.24	\$	-
Painted Pavement Markings, Standard, White, Arrow	68	Painted Pavement Markings, Standard, White, Message	EA		\$	36.00	\$	-
71 Painted Pavement Marking, Standard, Yellow, Solid, 6" LF \$ 0.24 \$ - 72 Painted Pavement Marking, Standard, Yellow, Solid, 18" LF \$ 0.96 \$ - 73 Painted Pavement Marking, Standard, Yellow, Skip, 6" (10'-30') LF \$ 0.24 \$ - 74 Painted Pavement Marking, Standard, Yellow, Skip, 6" (2'-4') LF \$ 0.84 \$ - 75 Thermoplastic, Standard, White, Solid, 6" LF \$ 0.84 \$ - 76 Thermoplastic, Standard, White, Solid, 8" LF \$ 1.20 \$ - 77 Thermoplastic, Standard, White, Solid, 12" LF \$ 3.60 \$ - 78 Thermoplastic, Standard, White, Solid, 24" LF \$ 3.60 \$ - 79 Thermoplastic, Standard, White, Solid, 24" LF \$ 0.84 \$ - 80 Thermoplastic, Standard, White, Datted/Guideline/6-10 GAP, Ext 6" LF \$ 0.84 \$ - 81 Thermoplastic, Standard, White, Message EA \$ 144.00 \$ - 82 Thermoplastic, Standard, White, Arrow EA \$ 72.00 \$ -	69	Painted Pavement Markings "SHARROW" and Bicycle Pavement Markings	EA		\$	360.00	\$	-
72 Painted Pavement Marking, Standard, Yellow, Solid, 18" LF \$ 0.96 \$ - 73 Painted Pavement Marking, Standard, Yellow, Skip, 6" (10'-30') LF \$ 0.24 \$ - 74 Painted Pavement Marking, Standard, Yellow, Skip, 6" (2'-4') LF \$ 1.20 \$ - 75 Thermoplastic, Standard, White, Solid, 6" LF \$ 0.84 \$ - 76 Thermoplastic, Standard, White, Solid, 12" LF \$ 2.04 \$ - 77 Thermoplastic, Standard, White, Solid, 18" LF \$ 3.60 \$ - 79 Thermoplastic, Standard, White, Solid, 24" LF \$ 3.60 \$ - 80 Thermoplastic, Standard, White, Solid, 24" LF \$ 0.84 \$ - 81 Thermoplastic, Standard, White, Message EA \$ 1.14 \$ - 81 Thermoplastic, Standard, White, Message EA \$ 144.00 \$ - 83 Thermoplastic, Standard, White, Arrow EA \$ 360.00 \$ - 84 Thermoplastic, Standard, Yellow, Solid, 6" LF \$ 0.84 \$ - 85	70	Painted Pavement Markings, Standard, White, Arrow	EA		\$	24.00	\$	-
72 Painted Pavement Marking, Standard, Yellow, Solid, 18" LF \$ 0.96 \$ - 73 Painted Pavement Marking, Standard, Yellow, Skip, 6" (10'-30') LF \$ 0.24 \$ - 74 Painted Pavement Marking, Standard, Yellow, Skip, 6" (2'-4') LF \$ 1.20 \$ - 75 Thermoplastic, Standard, White, Solid, 6" LF \$ 0.84 \$ - 76 Thermoplastic, Standard, White, Solid, 8" LF \$ 2.04 \$ - 77 Thermoplastic, Standard, White, Solid, 12" LF \$ 3.60 \$ - 78 Thermoplastic, Standard, White, Solid, 24" LF \$ 3.60 \$ - 80 Thermoplastic, Standard, White, Solid, 24" LF \$ 3.60 \$ - 80 Thermoplastic, Standard, White, Message EA \$ 1.14 \$ - 81 Thermoplastic, Standard, White, Message EA \$ 144.00 \$ - 82 Thermoplastic, Standard, White, Arrow EA \$ 360.00 \$ - 84 Thermoplastic, Standard, Yellow, Solid, 6" LF \$ 0.84 \$ - 85	71	Painted Pavement Marking, Standard, Yellow, Solid, 6"	LF		\$	0.24	\$	-
73 Painted Pavement Marking, Standard, Yellow, Skip, 6" (10'-30') LF \$ 0.24 \$ - 74 Painted Pavement Marking, Standard, Yellow, Skip, 6" (2'-4') LF \$ 1.20 \$ - 75 Thermoplastic, Standard, White, Solid, 6" LF \$ 0.84 \$ - 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 \$ 3.60 \$ - 79 Thermoplastic, Standard, White, Solid, 24" LF \$ 3.60 \$ - 80 Thermoplastic, Standard, White, Skip, 6" (10'-30') LF \$ 0.84 \$ - 81 Thermoplastic, Standard, White, Message EA \$ 144.00 \$ - 82 Thermoplastic, Standard, White, Arrow EA \$ 360.00 \$ - 84 Thermoplastic, Standard, Yellow, Solid, 6" LF \$ 0.84 \$ - 85 Thermoplastic, Standard, Yellow, Solid, 18" LF \$ 0.84 \$ - 86	72		LF		\$	0.96	\$	
74 Painted Pavement Marking, Standard, Yellow, Skip, 6" (2'-4') LF \$ 1.20 \$ 75 Thermoplastic, Standard, White, Solid, 6" LF \$ 0.84 \$ 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 \$ 3.60 \$ 79 Thermoplastic, Standard, White, Solid, 24" LF \$ 3.60 \$ 80 Thermoplastic, Standard, White, Skip, 6" (10'-30') LF \$ 0.84 \$ 81 Thermoplastic, Standard, White, Message EA \$ 144.00 \$ 82 Thermoplastic, Standard, White, Message EA \$ 144.00 \$ 83 Thermoplastic, Standard, White, Arrow EA \$ 360.00 \$ 84 Thermoplastic, Standard, Yellow, Solid, 6" LF \$ 0.84 \$ 85 Thermoplastic,	73		-		_		-	-
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77 Thermoplastic, Standard, White, Solid, 12" LF \$ 2.04 \$ - 78 Thermoplastic, Standard, White, Solid, 18" LF \$ 3.60 \$ - 79 Thermoplastic, Standard, White, Solid, 24" LF \$ 3.60 \$ - 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 \$ 72.00 \$ - 85 Thermoplastic, Standard, Yellow, Solid, 18" LF \$ 0.84 \$ - 86 Thermoplastic, Standard, Yellow, Skip, 6" (10'-30') LF \$ 0.84 \$ - 87 Thermoplastic, Standard, Yellow, Skip, 6" (2'-4') LF \$ 0.84 \$ - 88 Thermoplastic, Standard, Yellow, Skip, 6" (2'-4') LF \$ 0.84 \$ -	-				_	-	-	
78 Thermoplastic, Standard, White, Solid, 18" LF \$ 3.60 \$ - 79 Thermoplastic, Standard, White, Solid, 24" LF \$ 3.60 \$ - 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 \$ 72.00 \$ - 85 Thermoplastic, Standard, Yellow, Solid, 6" LF \$ 0.84 \$ - 86 Thermoplastic, Standard, Yellow, Skip, 6" (10'-30') LF \$ 0.84 \$ - 87 Thermoplastic, Standard, Yellow, Skip, 6" (2'-4') LF \$ 0.84 \$ - 88 Thermoplastic, Standard, Yellow, Skip, 6" (2'-4') LF \$ 1.14 \$ - 89 Reflective Paint (Island Nose) Yellow SF \$ 2.40 \$ - <t< td=""><td></td><td></td><td></td><td></td><td>_</td><td>-</td><td></td><td></td></t<>					_	-		
79 Thermoplastic, Standard, White, Solid, 24" LF \$ 3.60 \$ - 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 \$ 72.00 \$ - 85 Thermoplastic, Standard, Yellow, Solid, 18" LF \$ 3.60 \$ - 86 Thermoplastic, Standard, Yellow, Skip, 6" (10'-30') LF \$ 3.60 \$ - 87 Thermoplastic, Standard, Yellow, Skip, 6" (2'-4') LF \$ 1.14 \$ - 88 Thermoplastic, Standard, Yellow, Skip, 6" (2'-4') LF \$ 1.43 \$ - 89 Reflective Paint (Island Nose) Yellow SF \$ 2.40 \$ - 90 Patterned Pavement, Vehicular Areas - Green Bike Lane (FDOT Item No. 0523-1-3) SY 1,438 \$					-		_	
### Thermoplastic, Standard, White, Skip, 6" (10'-30') ### Thermoplastic, Standard, White, Dotted/Guideline/6-10 GAP, Ext 6" ### Thermoplastic, Standard, White, Message ### Thermoplastic, Standard, White, Message ### Thermoplastic, Standard, White, Message ### Thermoplastic, Standard, White, Arrow ### Thermoplastic, Standard, Yellow, Solid, 6" ### Standard, Yellow, Solid, 18" ### Standard, Yellow, Skip, 6" (10'-30') ### Standard, Yellow, Skip, 6" (10'-30') ### Standard, Yellow, Skip, 6" (2'-4') ### St	-	The state of the s	-		-		-	
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 \$ 72.00 \$ - 85 Thermoplastic, Standard, Yellow, Solid, 6" LF \$ 0.84 \$ - 86 Thermoplastic, Standard, Yellow, Solid, 18" LF \$ 3.60 \$ - 87 Thermoplastic, Standard, Yellow, Skip, 6" (10'-30') LF \$ 0.84 \$ - 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 1,438 \$ 360.00 \$ - 91 Single Sign Post, F&I EA \$ 1,800.00 \$ -					_			-
82 Thermoplastic, Standard, White, Message EA \$ 144.00 \$ - 83 Thermoplastic "SHARROW" and Bicycle Pavement Markings EA \$ 360.00 \$ - 84 Thermoplastic, Standard, White, Arrow EA \$ 72.00 \$ - 85 Thermoplastic, Standard, Yellow, Solid, 6" LF \$ 0.84 \$ - 86 Thermoplastic, Standard, Yellow, Skip, 6" (10'-30') LF \$ 0.84 \$ - 87 Thermoplastic, Standard, Yellow, Skip, 6" (2'-4') LF \$ 0.84 \$ - 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 1,438 \$ 30.25 \$ 43,502.86 91 Single Sign Post, F&I EA \$ 360.00 \$ - 92 Replace Existing Traffic Loop EA \$ 1,800.00 \$ -	-				_	0.84		-
83 Thermoplastic "SHARROW" and Bicycle Pavement Markings EA \$ 360.00 \$ - 84 Thermoplastic, Standard, White, Arrow EA \$ 72.00 \$ - 85 Thermoplastic, Standard, Yellow, Solid, 6" LF \$ 0.84 \$ - 86 Thermoplastic, Standard, Yellow, Solid, 18" LF \$ 3.60 \$ - 87 Thermoplastic, Standard, Yellow, Skip, 6" (10'-30') LF \$ 0.84 \$ - 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 1,438 \$ 30.25 \$ 43,502.86 91 Single Sign Post, F&I EA \$ 360.00 \$ - 92 Replace Existing Traffic Loop EA \$ 1,800.00 \$ -	81	Thermoplastic, Standard, White, Dotted/Guideline/6-10 GAP, Ext 6"	LF		\$	1.14	\$	-
84 Thermoplastic, Standard, White, Arrow EA \$ 72.00 \$ - 85 Thermoplastic, Standard, Yellow, Solid, 6" LF \$ 0.84 \$ - 86 Thermoplastic, Standard, Yellow, Solid, 18" LF \$ 3.60 \$ - 87 Thermoplastic, Standard, Yellow, Skip, 6" (10'-30') LF \$ 0.84 \$ - 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 1,438 \$ 30.25 \$ 43,502.86 91 Single Sign Post, F&I EA \$ 360.00 \$ - 92 Replace Existing Traffic Loop EA \$ 1,800.00 \$ -	82	Thermoplastic, Standard, White, Message	EA		\$	144.00	\$	-
85 Thermoplastic, Standard, Yellow, Solid, 6" LF \$ 0.84 \$ - 86 Thermoplastic, Standard, Yellow, Solid, 18" LF \$ 3.60 \$ - 87 Thermoplastic, Standard, Yellow, Skip, 6" (10'-30') LF \$ 0.84 \$ - 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 1,438 \$ 30.25 \$ 43,502.86 91 Single Sign Post, F&I EA \$ 360.00 \$ - 92 Replace Existing Traffic Loop EA \$ 1,800.00 \$ -	83	Thermoplastic "SHARROW" and Bicycle Pavement Markings	EA		\$	360.00	\$	-
86 Thermoplastic, Standard, Yellow, Solid, 18" LF \$ 3.60 \$ - 87 Thermoplastic, Standard, Yellow, Skip, 6" (10'-30') LF \$ 0.84 \$ - 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 1,438 \$ 30.25 \$ 43,502.86 91 Single Sign Post, F&I EA \$ 360.00 \$ - 92 Replace Existing Traffic Loop EA \$ 1,800.00 \$ -	84	Thermoplastic, Standard, White, Arrow	EA		\$	72.00	\$	-
87 Thermoplastic, Standard, Yellow, Skip, 6" (10'-30') LF \$ 0.84 \$ - 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 1,438 \$ 30.25 \$ 43,502.86 91 Single Sign Post, F&I EA \$ 360.00 \$ - 92 Replace Existing Traffic Loop EA \$ 1,800.00 \$ -	85	Thermoplastic, Standard, Yellow, Solid, 6"	LF		\$	0.84	\$	-
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 1,438 \$ 30.25 \$ 43,502.86 91 Single Sign Post, F&I EA \$ 360.00 \$ - 92 Replace Existing Traffic Loop EA \$ 1,800.00 \$ -	86	Thermoplastic, Standard, Yellow, Solid, 18"	LF		\$	3.60	\$	-
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 1,438 \$ 30.25 \$ 43,502.86 91 Single Sign Post, F&I EA \$ 360.00 \$ - 92 Replace Existing Traffic Loop EA \$ 1,800.00 \$ -	87	Thermoplastic, Standard, Yellow, Skip, 6" (10'-30')	LF		\$	0.84	\$	-
89 Reflective Paint (Island Nose) Yellow SF \$ 2.40 \$ - 90 Patterned Pavement, Vehicular Areas - Green Bike Lane (FDOT Item No. 0523-1-3) SY 1,438 \$ 30.25 \$ 43,502.86 91 Single Sign Post, F&I EA \$ 360.00 \$ - 92 Replace Existing Traffic Loop EA \$ 1,800.00 \$ -	88	Thermoplastic, Standard, Yellow, Skip, 6" (2'-4')	LF		-	-	O RECEIPTED	-
90 Patterned Pavement, Vehicular Areas - Green Bike Lane (FDOT Item No. 0523-1-3) SY 1,438 \$ 30.25 \$ 43,502.86 91 Single Sign Post, F&I EA \$ 360.00 \$ - 92 Replace Existing Traffic Loop EA \$ 1,800.00 \$ -					_		_	
91 Single Sign Post, F&I EA \$ 360.00 \$ - 92 Replace Existing Traffic Loop EA \$ 1,800.00 \$ -				1.420	_			42.502.55
92 Replace Existing Traffic Loop EA \$ 1,800.00 \$ -				1,438	_			43,502.86
			-		_	-	-	-
95 OII-DUTY FOICE OTTICEF HR \$ 60.00 \$ -					_			-
	93	OII-Duty Police Officer	HR		۶	60.00	\$	

Subtotal	\$ 43,504.86
10% Contingency	\$ 4,350.49
Total	\$ 47.855.35





PREPARED BY: DISAmerica Consulting Group, Inc.









DATE: 08.04.2017





4. CONTRACTOR SHALL REFER TO THE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS (FY 2017/18), INDEX NO.'S 17346 AND 17347.



NORTHWEST 82nd STREET TEXTURIZED BIKE LANES



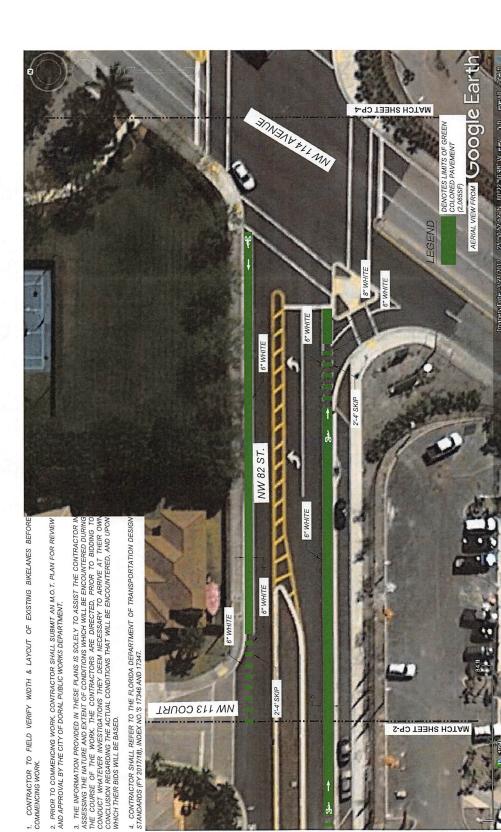
PLAN VIEW /SHEET CP-2

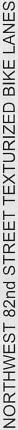
DATE: 08.04.2017

PREPARED BY: DISAmerica Consulting Group, Inc









DATE: 08.04.2017

PLAN VIEW SHEET CP-3

HIRON









DATE: 08.04.2017

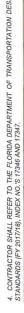
PLAN VIEW SHEET CP-4

HIE











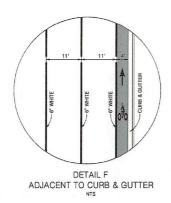


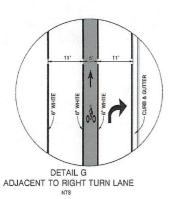


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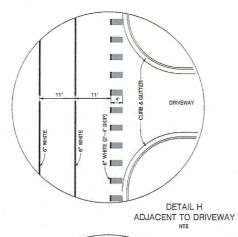
NORTHWEST 82nd STREET TEXTURIZED BIKE LANES

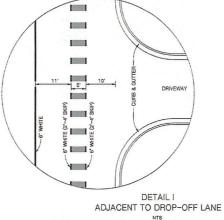
PREPARED BY: DISAmerica Consulting Group, Inc



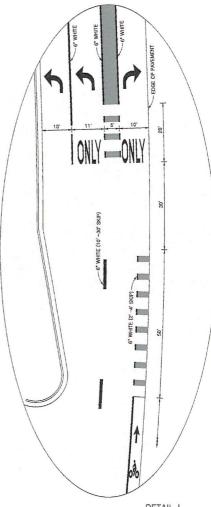








NOTE:
GREEN COLORED PAVEMENT BICYCLE LANES SHALL BE
INSTALLED IN ACCORDANCE WITH THESE DETAILS, AND AS
SHOWN IN THE PLANS. MATERIALS PERMITTED TO COLOR THE
BICYCLE LANES GREEN SHALL BE NON-REFLECTIVE, MEET
SECTION 523, PATTERNED PAVEMENT, OF THE STANDARD
SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND
FALL WITHIN THE COLOR PARAMETERS DEFINED BY FHWA IN
THEIR INTERIM APPROVAL.









NORTHWEST 82nd STREET TEXTURIZED BIKE LANES

PAVEMENT MARKING DETAILS SHEET CP-6

NTS

DATE: 08.04.2017

RESOLUTION No. 17-40

A RESOLUTION OF THE MAYOR AND THE CITY COUNCIL OF THE CITY OF DORAL, FLORIDA, APPROVING THE AWARD OF INVITATION TO BID #2016-43, "MILLING AND RESURFACING OF BITUMINOUS PAVING. MISCELLANEOUS STORMWATER IMPROVEMENTS" TO H&R PAVING, INC; AUTHORIZING THE CITY MANAGER TO NEGOTIATE AND ENTER INTO AN AGREEMENT, SUBJECT TO APPROVAL AS TO FORM AND LEGAL SUFFICIENCY BY THE CITY ATTORNEY, IN AN AMOUNT NOT TO EXCEED \$2,406,668.37, FOR THE PROVISION OF CITYWIDE ROADWAY IMPROVEMENTS AND TO BUDGETED FUNDS IN **FURTHERANCE HEREOF:** EXPEND PROVIDING FOR IMPLEMENTATION; AND PROVIDING FOR AN **EFFECTIVE DATE**

WHEREAS, in response to Invitation to Bid #2016-43 for "Milling and Resurfacing of Bituminous Paving, Miscellaneous Stormwater Improvements" (the "Project"), the City received six (6) bids by the January 31, 2017 deadline, with all six (6) companies meeting the required criteria; and

WHEREAS, upon review of bids received, staff determined that H&R Paving Inc. was the lowest most responsive and responsible bidder (the "Contractor"); and

WHEREAS, a copy of Contractor's Bid Submittal which includes the Construction Contract, ITB #2016-43 Inventory, and Bid Tabulation are all attached as Exhibit "A", which is incorporated herein and made a part hereof by this reference; and

WHEREAS, staff recommends the City Council award the bid to H&R Paving and authorize the City Manager to enter into an agreement for the Project with the Contractor in a not to exceed amount of \$2,406,668.37, which includes a 10% contingency for any unforeseen conditions, is in the best interest of the City.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF DORAL, FLORIDA, AS FOLLOWS:

<u>Section 1.</u> <u>Recitals.</u> The above recitals are confirmed, adopted, and incorporated herein and made part hereof by this reference.

<u>Section 2.</u> <u>Award.</u> Invitation to Bid #2016-43 for "Milling and Resurfacing of Bituminous Paving, Miscellaneous Stormwater Improvements" is hereby award to H&R Paving, the lowest, most responsible and most responsive bidder. This award, in and of itself, and absent entering into an agreement, does not vest H&R Paving with any contractual rights with regard to the Bid, the Project, or the City.

Section 3. Approval. The Contract between the City and Contractor for the Project, in substantially the form provided in in Exhibit "A", which is incorporated herein and made a part hereof by this reference, together with such non-material changes as may be acceptable to the City Manager and approved as to form and legal sufficiency by the City Attorney, in an amount of \$2,406,668.37 (which includes a 10% contingency for any unforeseen conditions), is hereby approved.

<u>Section 4.</u> <u>Authorization.</u> The City Manager is authorized to execute the construction contract and expend budgeted funds on behalf of the City in furtherance hereof.

<u>Section 5.</u> <u>Implementation.</u> The City Manager and the City Attorney are hereby authorized to take such further action as may be necessary to implement the purpose and the provisions of this Resolution.

<u>Section 6.</u> <u>Effective Date</u>. This Resolution shall take effect immediately upon adoption.

Res. No. 17-40 Page **3** of **3**

The foregoing resolution was offered by Vice Mayor Cabrera who moved its adoption. The motion was seconded by Councilmember Rodriguez and upon being put to a vote, the vote was as follows:

Mayor Juan Carlos Bermudez

Yes

Vice Mayor Pete Cabrera

Yes

Councilwoman Christi Fraga

Absent/Excused

Councilwoman Claudia Mariaca

Yes

Councilwoman Ana Maria Rodriguez

Yes

PASSED and ADOPTED this 8 day of March, 2017.

JUAN CARLOS BERMUDEZ, MAYOR

ATTEST:

CONNIE DIAZ, CMC

CITY CLERK

APPROVED AS TO FORM AND LEGAL SUFFIENCY FOR THE USE AND RELIANCE OF THE CITY OF DORAL ONLY:

WEISS, SEROTA, HELFMAN, COLE & BIERMAN, P.L.

CITY ATTORNEY