



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: July 16, 2018

WORK ORDER No. 18-04 (ITB #2016-43)

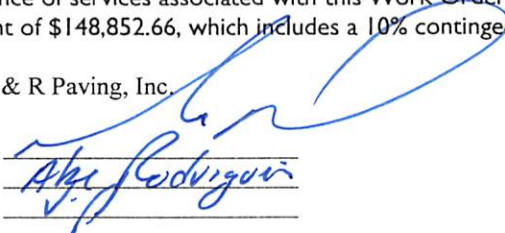
TOTAL AMOUNT: \$148,852.66 (Not to exceed)

PROJECT SCOPE OF WORK: The City of Doral authorizes the firm of H&R Paving, Inc. to proceed with the installation of stormwater drainage infrastructure as per the attached stormwater plan description. Work is to be performed along NW 114th Avenue between NW 58th Street and NW 60th Street 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. Contractor is required to submit for PW permit and to provide proper Maintenance of Traffic (MOT) for approval.


If Contractor fails to execute said Work Order in a timely manner and complete all work within 30 calendar days weather permitting 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 \$148,852.66, which includes a 10% contingency.

Contractor: H & R Paving, Inc.


BY: 
 NAME: Albi Rodriguez
 TITLE: _____

WITNESSES: SEAL:


1. 
 2. _____

OWNER: City of Doral
 BY: 
 NAME: Edward Rojas
 TITLE: City Manager 7-23-18

AUTHENTICATION:

BY: 
 NAME: Connie Diaz
 TITLE: City Clerk

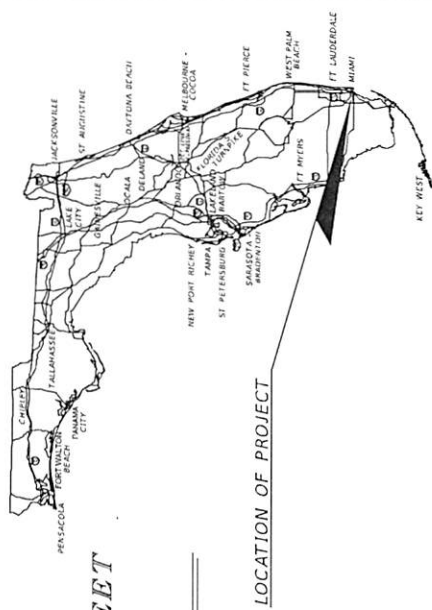
APPROVED AS TO FORM AND
 LEGAL SUFFICIENCY FOR THE SOLE USE
 OF THE CITY OF DORAL:

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

CITY OF DORAL NW 114TH AVENUE NORTH OF NW 58TH STREET DRAINAGE IMPROVEMENTS CONTRACT PLANS

MIAMI-DADE COUNTY

SHEET NO.	PLAN DESCRIPTION
1	KEY SHEET
2	SUMMARY OF QUANTITIES
3	DRAINAGE DETAIL
4-5	GENERAL NOTES
6-7	PLAN SHEET
8-9	DRAINAGE STRUCTURES
10	STORM WATER POLLUTION PREVENTION PLAN
11-12	MAINTENANCE OF TRAFFIC PLANS



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

CITY COUNCIL

- MAYOR
JUAN CARLOS BERMUDEZ
- VICE MAYOR
ANA MARIA RODRIGUEZ
- COUNCILMAN
PETE CARRERA
- COUNCILWOMAN
CLAUDIA MARIACA
- COUNCILWOMAN
CHRISTI FRAGA



PLANS PREPARED FOR
CITY OF DORAL

BY
Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
CONSULTING ENGINEERS AND PLANNERS
355 ALHAMBRA CIRCLE - SUITE 1400
CORAL GABLES, FLORIDA 33134
PHONE (305) 673-2025
CERTIFICATE OF AUTHORIZATION NO. 696

Always call 888 two full business days before you dig.
Sunshine811.com

ENGINEER OF RECORD:

LUIS C. COONS, P.E.
FLORIDA REGISTRATION P.E. NO. 59076

SHEET NO.	1
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PAY ITEM NOTES

- 102-1 TO BE ACCOMPLISHED IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS INDEX 600 SERIES, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE MUTCD FOR THE STATES OF FLORIDA AND ALABAMA. THE COST OF FURNISHING, INSTALLING, MAINTAINING, AND REMOVING ALL ITEMS OF MAINTENANCE OF TRAFFIC NOT PAID FOR UNDER SEPARATE ITEMS INCLUDING BUT NOT LIMITED TO SIGNS, BARRICADES, FLASHING LIGHTS, TEMPORARY BARRIER WALLS, TRAFFIC CONTROL OFFICER, DETOURS, TEMPORARY PAVEMENT, TEMPORARY SIDEWALKS, TRAFFIC CONTROL, ETC. SEE MAINTENANCE OF TRAFFIC PLANS SIGNAL MODIFICATION FOR MORE INFORMATION.
- 104- INCLUDES ESTIMATED QUANTITY CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED OR DECREASED AS DIRECTED BY THE ENGINEER.
- 110-1-1 INCLUDES REMOVAL OF EXISTING PAVEMENT, SAWCUTTING OF EXISTING PAVEMENT MISCELLANEOUS, CONCRETE, VEGETATION, TREES AND DEBRIS WITHIN THE LIMITS OF CONSTRUCTION TO BE DISPOSED OF IN LEGAL AREAS PROVIDED BY THE CONTRACTOR. INCLUDES THE COST OF CLEANING-UP ALL EXISTING DRAINAGE STRUCTURES WHICH ARE TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION.
- 170- THESE ARE ESTIMATED QUANTITIES AND MAY BE INCREASED OR DECREASED BY THE ENGINEER.
- 425- COST OF BAFFLE, SKIMMER, MATERIALS, METAL PIPE ENCASUREMENT, LABOR & CONSTRUCTION SHALL BE INCLUDED IN COST OF STRUCTURES.
- 430-175- PIPE ALTERNATIVES INCLUDE HDPE EXISTING STRUCTURE AND CONNECT PIPE CULVERT WHEN CALLED FOR IN PLANS.
- 443-70-4 INCLUDES THE COST OF EXCAVATION TO PLAN ELEVATION, PERFORATED PIPE, NON-PERFORATED PIPE, PERFORATED PIPE, POLYESTER FIBERGLASS FIBREGLASS FIBREGLASS FIBREGLASS FIBREGLASS AND ALL APPLICABLE ITEMS REQUIRED TO CONSTRUCT EXFILTRATION DRAIN, PIPE ALTERNATIVES HDPE CLASS II.
- 570-1-2 INCLUDES SOD TO BE USED IN THE RESTORATION OF LAWNS AND MAY BE INCREASED OR DECREASED AS DIRECTED BY THE ENGINEER. BAHIA OR TO MATCH EXISTING SOD.
- ANY EXCAVATED MATERIAL, IF UNSUITABLE, SHALL NOT BE USED IN THE CONSTRUCTION OF THE EMBANKMENT.
- CONTRACTOR TO BE RESPONSIBLE TO REPAIR ANY EXISTING DRAINAGE STRUCTURE IF DAMAGED AS A RESULT OF HIS/HER WORK.
- EXCESS MATERIAL OR UNSUITABLE MATERIAL IS TO BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY HIM AT NO ADDITIONAL COST TO THE CITY. NO SEPARATE PAYMENT WILL BE MADE FOR THIS ITEM.

PAY ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	*ADDITIONAL QUANTITIES
101-1	MOBILIZATION	LS	1	
102-1	MAINTENANCE OF TRAFFIC	LS	1	
104-18	INLET PROTECTION SYSTEM	EA	4	
110-1-1	CLEARING AND GRUBBING	LS	1	
120-6	EMBANKMENT	CY	250	
160-4	TYPE B STABILIZATION	SY	714	65
285-7-06	OPTIONAL BASE GROUP 6	SY	714	65
327-70-4	MILLING EXIST ASPH, 1" AVG. DEPTH	SY	654	60
334-1-53	SUPERPAVE ASPH CONC, TRAFFIC C., PG 76-22	TN	78.5	7.1
337-7-83	ASPH CONC FRICTION COURSE, TRAFFIC C., FC-12.5, PG 76-22	TN	75.2	6.8
425-11	MODIFY EXISTING DRAINAGE STRUCTURE	EA	4	
425-2-61	MANHOLES, P-B, <10'	EA	3	
425-2-62	MANHOLES, P-B, >10'	EA	2	
430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18" S/C/D	LF	116	12
430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24" S/C/D	LF	153	14
443-70-4	FRENCH DRAIN, 24"	LF	250	
520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	60	
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	8	
570-1-2	PERFORMANCE TURF, SOD	SY	5	
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS (WHITE)	EA	13.0	
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS (BLUE)	EA	2	
711-11-170	RETRO-REFLECTIVE PAVEMENT MARKERS (WHITE)	EA	2	
711-15-101	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	3	
711-15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SOLID, 6"	GM	0.100	
711-15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	0.084	
711-16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	0.089	

* ADDITIONAL QUANTITIES HAVE BEEN INCLUDED IN THE TOTAL QUANTITY AMOUNT AND ARE INCLUDED AS CONTINGENCY TO BE USED AS DIRECTED BY THE ENGINEER.

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

Kimley-Horn
 Certificate of Authorization No. 696
 Luis G. Cubas, P.E.
 License No. 59076
 Miami, Florida 33131-3228

CITY OF DORAL
 ROAD NO. COUNTY
 NW 194TH AVENUE MIAMI-DADE

SUMMARY OF QUANTITIES

SHEET NO. 2

1. ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD83) AND DETERMINED FROM MIAMI-DADE COUNTY BENCHMARKS: A-3128-B AND H-329, HORIZONTAL DATA IS BASED ON THE STATE PLANE COORDINATE SYSTEM, FLORIDA EAST ZONE, NAD OF 1983. ADJUSTMENT OF 1990.
2. ANY N.G.V.D. BENCH MARK MOVEMENTS WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED AND PROPERLY REFERENCED BY A REGISTERED-LAND SURVEYOR IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS PRIOR TO BEGINNING WORK AT THE SITE. IF ANY MOVEMENT IS IN DANGER OF DAMAGE, THE PROJECT ENGINEER SHALL NOTIFY DAVID HARRIS, MIAMI-DADE COUNTY GEODETTIC ADVISOR ROOMA525/SWS, 3900 CONNORWAY BLVD, MAIL STATION 105, TALLAHASSEE, FLORIDA 32399. TELEPHONE (904) 426-8010.
3. ALL PUBLIC LAND OWNERS AND MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED BY THE CONTRACTOR AS FOLLOWS: OWNERS AND MONUMENTS IN CONFLICT WITH THE WORK AND IN DANGER OF BEING DAMAGED, DESTROYED, OR COVERED SHALL BE PROPERLY NOTICED IN WRITING BY THE CONTRACTOR PRIOR TO BEGINNING WORK AT THE SITE. THE CONTRACTOR SHALL OBTAIN THE LAND SURVEYOR TO REFERENCE AND RESTORE UPON COMPLETION OF THE WORK. ALL SUCH CORNERS AND MONUMENTS, AND SHALL FURNISH TO MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT A SIGNED AND SEALED COPY OF THE LAND SURVEYOR'S REFERENCE DRAWING.
4. ALL GRADES SHOWN IN PLAN ARE FINISHED GRADES.
5. FDOT DIVISION 1 SECTION 5-3 CONFORMITY OF WORK WITH CONTRACT DOCUMENT IS REVISED TO REQUIRE FINISH GRADES TO VARY NO MORE THAN 0.05 FEET FROM GRADES SHOWN IN THE PLANS.
6. SURVEY CONDUCTED BY: MANUEL J. VERA AND ASSOCIATES, INC. PLEASE CALL MR. VERA AT 305-221-6210 CONCERNING SURVEY RELATED QUESTIONS.
7. ALL CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF DORAL AND ANY OTHER STATE OR LOCAL AGENCY. ALL DISCREPANCIES BETWEEN THESE PLANS AND ANY APPROPRIATE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER.
8. THE LOCATION AND SIZE OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON AVAILABLE INFORMATION PROVIDED BY UTILITY OWNERS AND SHALL VERIFY ALL UTILITIES BY ELECTRIC METHODS AND BY AIR TRACING IN COORDINATION WITH ALL UTILITY COMPANIES PRIOR TO BEGINNING ANY CONSTRUCTION OPERATION. ANY AND ALL CONFLICTS OF EXISTING UTILITIES WITH PROPOSED IMPROVEMENTS MUST BE RESOLVED BY THE ENGINEER AND THE OWNER. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE AWARDED. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES DUE TO CONTRACTOR'S CONSTRUCTION OPERATIONS.
9. THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD AND UNDERGROUND UTILITIES.
10. CONTRACTOR SHALL CONTACT SUNSHINE STAT. ONE-CALL AT 811 AT LEAST TWO (2) FULL WORKING DAYS PRIOR TO PERFORMING ANY DIGGING TO LOCATE EXISTING UTILITIES. IF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION, THE CONTRACTOR SHALL VERIFY THE PLANS AND APPROPRIATE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER.
11. KNOWN UTILITY COMPANIES IN THE PROJECT LIMITS INCLUDE, BUT ARE NOT LIMITED TO:

COMPANY	CONTACT	TELEPHONE
AT&T DISTRIBUTION	DINO FARRUGIO	305-222-8745
COMCAST CABLE	LEONARD MARWELL-NEWBOLD	954-447-8405
CROWN CITY-STYLE FIBER	JEREMY WILLIAMS	305-552-2931
FLORIDA POWER AND LIGHT	305-475-8991, 1201	
FLORIDA POWER AND LIGHT	OSCAR RODRIGUEZ	800-866-9234
LEVEL 3 COMMUNICATIONS	EDGAR ADILGAR	877-366-8344 #2
MIAMI DADE WATER AND SEWER	SERGIO GARCIA	786-268-5320
12. THE CONTRACTOR IS ADVISED THAT PROPERTIES ADJACENT TO THE PROJECT HAVE ELECTRIC, TELEPHONE, GAS, WATER, AND/OR SEWER SERVICE LATERALS WHICH MAY NOT BE SHOWN IN PLANS. THE CONTRACTOR MUST REQUEST THE LOCATION OF THESE LATERAL SERVICES FROM THE UTILITY COMPANIES. THE ADDITIONAL COST OF EXCAVATING, INSTALLING, BACKFILLING, AND COMPACTING AROUND THESE LATERAL SERVICES MUST BE INCLUDED IN THE BID RELATED ITEM FOR THE WORK BEING DONE.
13. THE CONTRACTOR SHALL FIELD VERIFY UTILITY LOCATIONS, DIMENSIONS, ELEVATIONS AND SUBMIT THIS INFORMATION WITH THE SHOP DRAWINGS FOR DRAINAGE STRUCTURES FOR APPROVAL PRIOR TO PPLICATION. ALL ASSOCIATED COSTS SHALL BE INCLUDED IN THE COST OF DRAINAGE STRUCTURES.
14. IF THE CONTRACTOR IS REQUIRED TO SUPPORT EXISTING UTILITIES, ALL ASSOCIATED COSTS SHALL BE INCLUDED IN THE ASSOCIATED PAY ITEM FOR THE WORK BEING DONE.
15. ANY DAMAGE TO PUBLIC OR PRIVATE PROPERTY SHALL BE RESTORED WITHIN 48 HOURS BY THE CONTRACTOR AT NO COST TO THE OWNER, UNLESS OTHERWISE AGREED TO BY WRITING BY THE OWNER.
16. CLEARING AND GRUBBING, GRADING AND OTHER INCIDENTAL WORK NECESSARY FOR HARMONIZATION OUTSIDE ROW SHALL BE INCLUDED IN RELATED BID ITEMS.
17. ALL GRASS AREAS AFFECTED BY CONSTRUCTION SHALL BE RE-SODDED TO MATCH EXISTING AT THE CONTRACTOR'S EXPENSE.
18. THE CONTRACTOR SHOULD TAKE SPECIAL NOTE OF SOIL CONDITIONS THROUGHOUT THIS PROJECT. ANY SPECIAL SHORING, SHEETING OR OTHER PROCEDURES NECESSARY TO PROTECT ADJACENT PROPERTY, PUBLIC OR PRIVATE INCLUDING ADJACENT UTILITIES DURING THE EXCAVATION OF SUBSIDIARY MATERIAL AND EXPLORATION TRENCH, OR FILLING OF ANY AREA OR FOR ANY OPERATION DURING CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
19. IF SHEETING, SHORING, OR Dewatering, INCLUDING WELL POINTS ARE NECESSARY, THE CONTRACTOR MUST MONITOR AND CONTROL ALL WORK THAT MAY CAUSE CRACKING TO ANY ADJACENT BUILDING, STRUCTURE, OR PROPERTY AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES CAUSED BY THESE OPERATIONS. COST OF MONITORING, SHEETING, SHORING, AND Dewatering SHALL BE INCLUDED IN THE RELATED BID ITEM FOR THE WORK BEING DONE.



CITY OF DORAL

ROAD NO. COUNTY

RW 103TH AVENUE MIAMI-DADE

SHEET NO. **4**

GENERAL NOTES


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45. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION, INSTALLATION, AND MAINTENANCE OF ALL TRAFFIC CONTROL AND SAFETY DEVICES, SIGNAGE, AND THE FOOT DESIGN STANDARDS.
46. WHERE NEW PAVEMENT MEETS EXISTING, CONNECTION SHALL BE MADE IN A NEAT STRAIGHT LINE AND FLUSH WITH THE EXISTING PAVEMENT.
47. AT NO COST TO THE CITY, COMPLETE AS-BUILT INFORMATION RELATIVE TO LOCATION AND DEPTH OF PIPES, MANHOLES, ETC. SHALL BE ACCURATELY RECORDED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER PRIOR TO FINAL ACCEPTANCE OF THE WORK. ALL ELEVATIONS SHALL BE TO THE TOP OF THE PIPE OR MANHOLE. THE RECORD DRAWINGS, 2 SETS OF AS-BUILT HARD COPIES SHALL BE SUBMITTED ALONG WITH A CD CONTAINING A DIGITAL COPY IN PDF AND CAD FORMAT.
48. DESIGN WATER TABLE ELEVATION, 2.00'
49. CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL MUCK AND UNSUITABLE MATERIAL FROM THE ROADBED PRIOR TO COMMENCING WITH BACKFILL OPERATIONS. CONTRACTOR TO BE RESPONSIBLE TO REVIEW THE GEOTECHNICAL REPORT (AVAILABLE FROM THE CITY) FOR SOILS INFORMATION WHICH WILL BE ENCOUNTERED DURING THE COURSE OF WORK. THE CONTRACTORS ARE DIRECTED PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATION THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSION REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED AND UPON WHICH BIDS WILL BE BASED.
51. ROADWAY SOIL SURVEY CONDUCTED BY PROFESSIONAL SERVICE INDUSTRIES, INC. PLEASE CALL MR. PAUL PASSE AT 305-471-7725 CONCERNING GEOTECH RELATED QUESTIONS.
52. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A GENERAL CONSTRUCTION PERMIT (GCP) AND A NOTICE OF INTENT (NOI) FROM DEP BEFORE COMMENCEMENT OF ANY WORK.
53. PORTABLE SANITARY FACILITIES SHALL BE PLACED AT LEAST 25 FEET AWAY FROM ANY WATER BODY.
54. THE CONTRACTOR SHALL BE ADVISED THAT OTHER PROJECTS MAY BE UNDER CONSTRUCTION CONCURRENTLY WITH THIS PROJECT AND THAT COORDINATION EFFORTS MAY BE NECESSARY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE CONSTRUCTION SCHEDULE AND FOR THE AMOUNT OF COORDINATION REQUIRED. ALL ASSOCIATED COSTS SHALL BE INCLUDED IN THE CONTRACTOR'S BID.
55. ANY REQUIRED STEEL PLATES SHALL BE INCLUDED IN THE MOT LINE ITEM.
56. THE CONTRACTOR SHALL COORDINATE WITH EUGENIA R. THOMAS (ERT), SCHOOL REPAIR COMMENCEMENT OF WORK.
57. WORK TO BE PERFORMED WHEN SCHOOL IS NOT IN SESSION.

REVISIONS	
DATE	DESCRIPTION

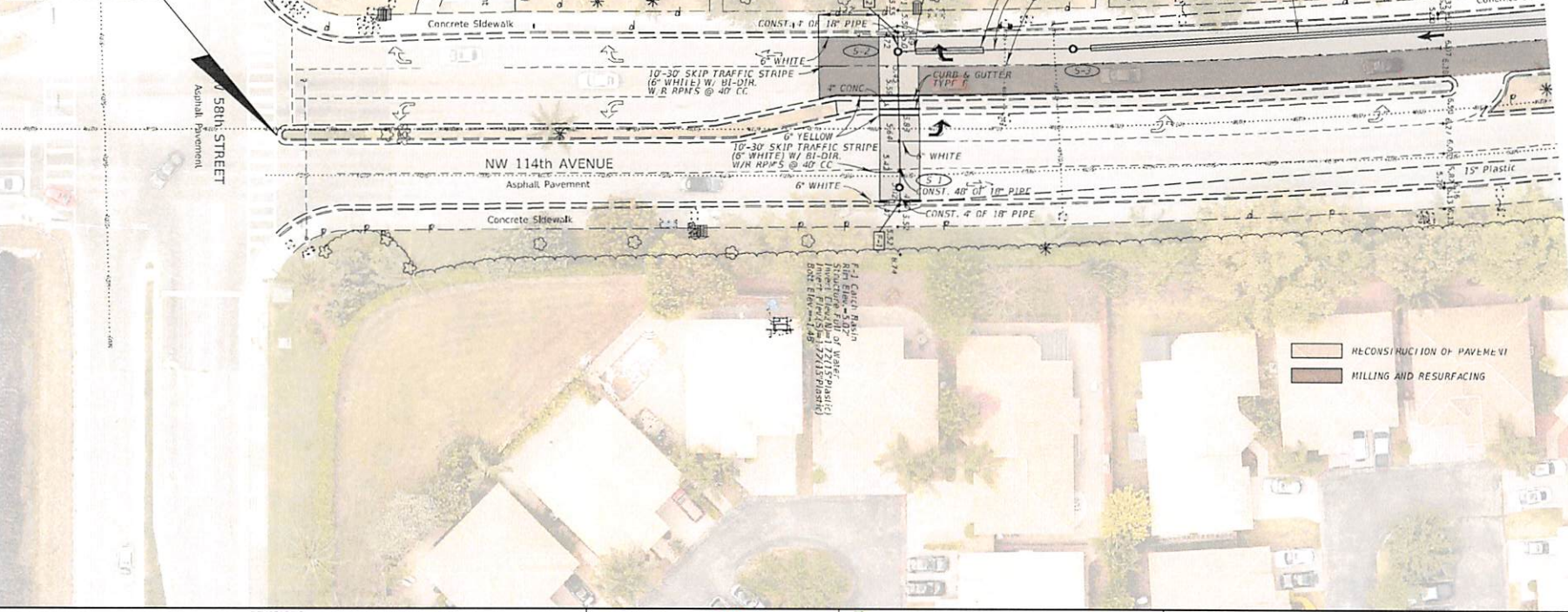
Kimley-Horn
 Certificate of Authorization No. 696
 Erik G. Coburn, P.E., C.E.
 Registration No. 31037
 1221 Brickell Ave., Suite 400
 Miami, Florida 33131-3228

 CITY OF DORAL
 ROAD NO. COUNTY
 NW 114TH AVENUE MIAMI-DADE

GENERAL NOTES
 SHEET NO. 5



BEGIN PROJECT



RECONSTRUCTION OF PAVEMENT
MILLING AND RESURFACING

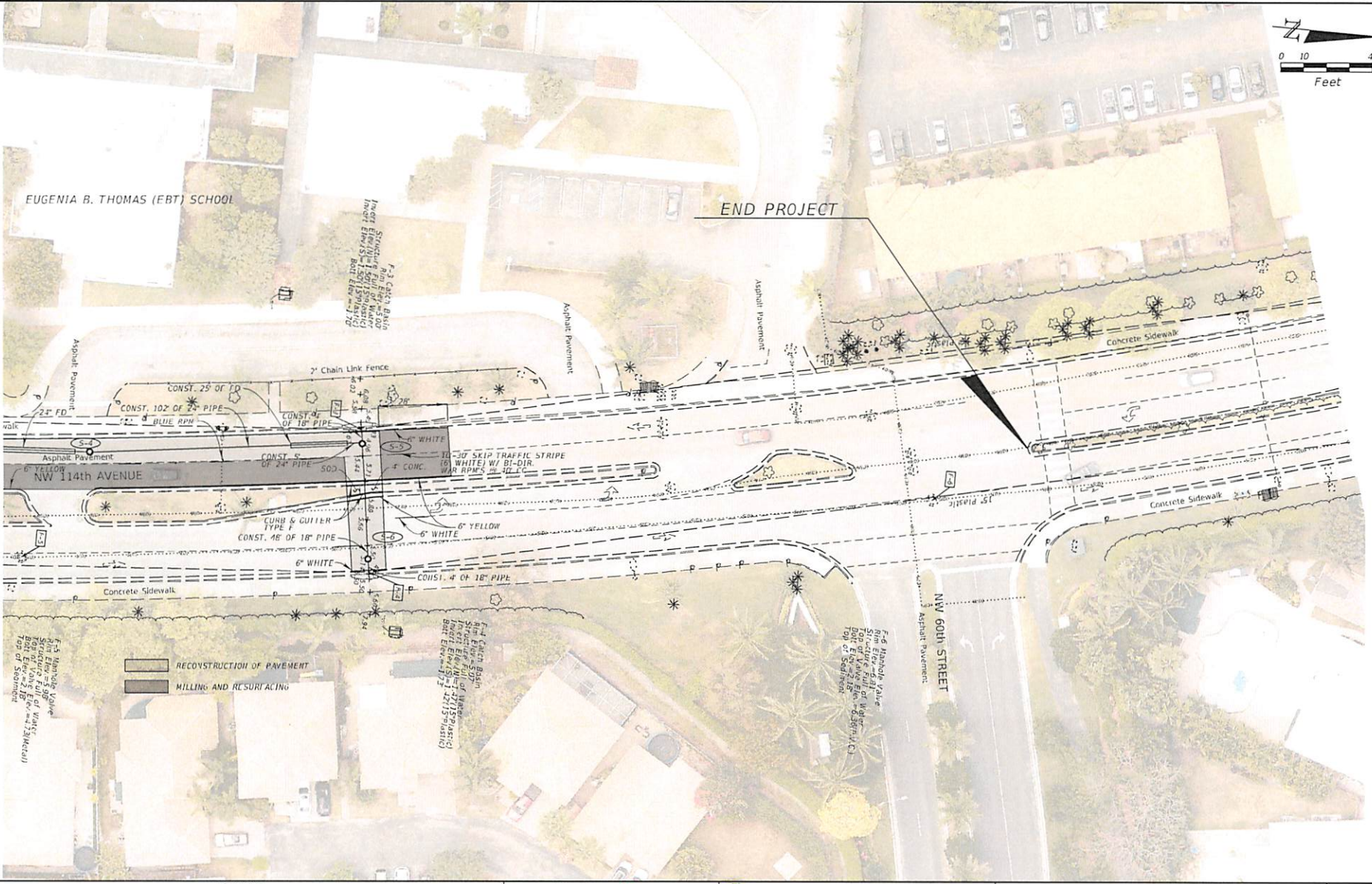
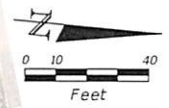
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CITY OF DORAL	
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NW 114TH AVENUE	MIAMI-DADE

PLAN

SHEET NO.
6



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

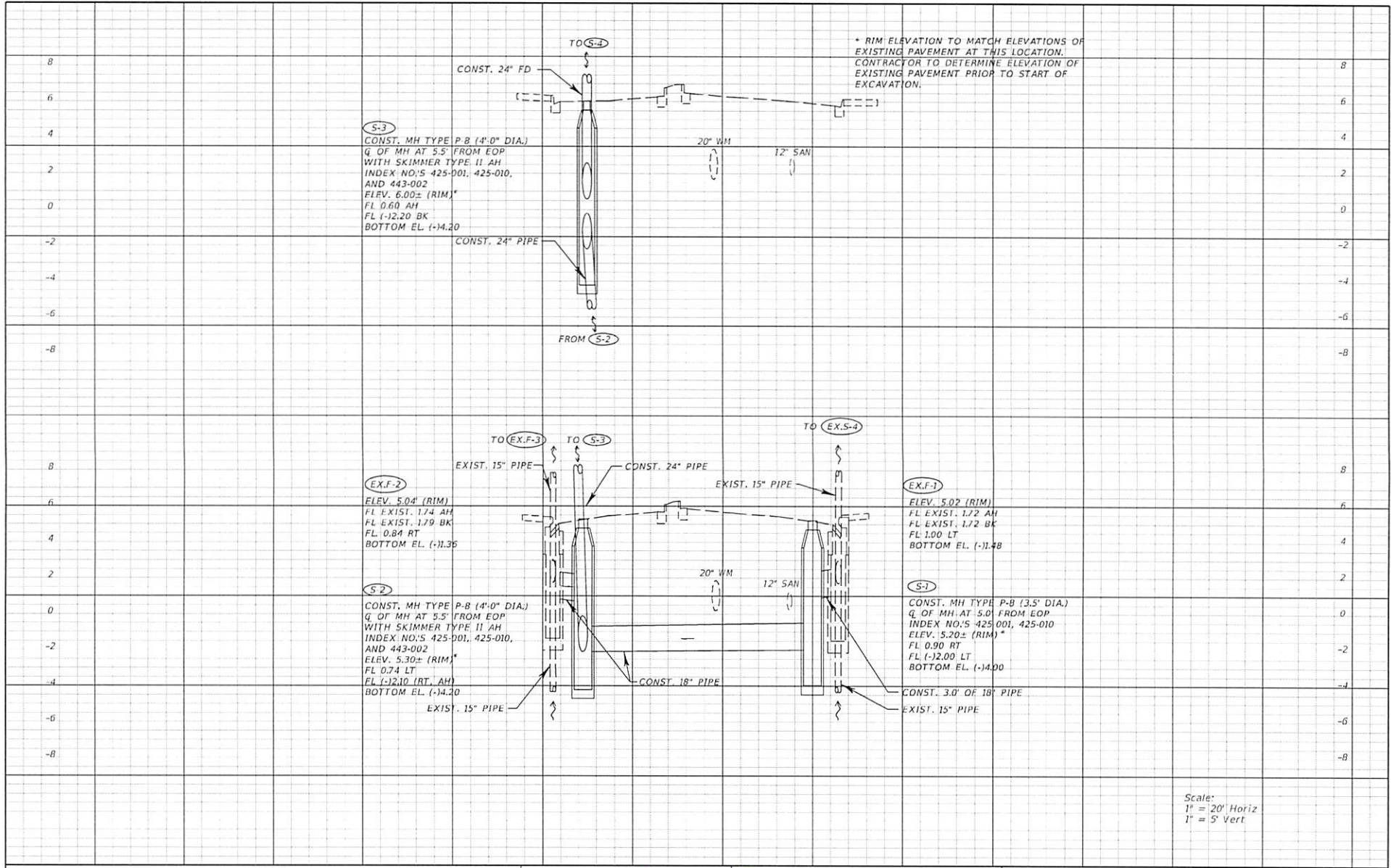
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CITY OF DORAL	
ROAD NO.	COUNTY
NW 114TH AVENUE	MIAMI-DADE

PLAN

SHEET
NO.

7



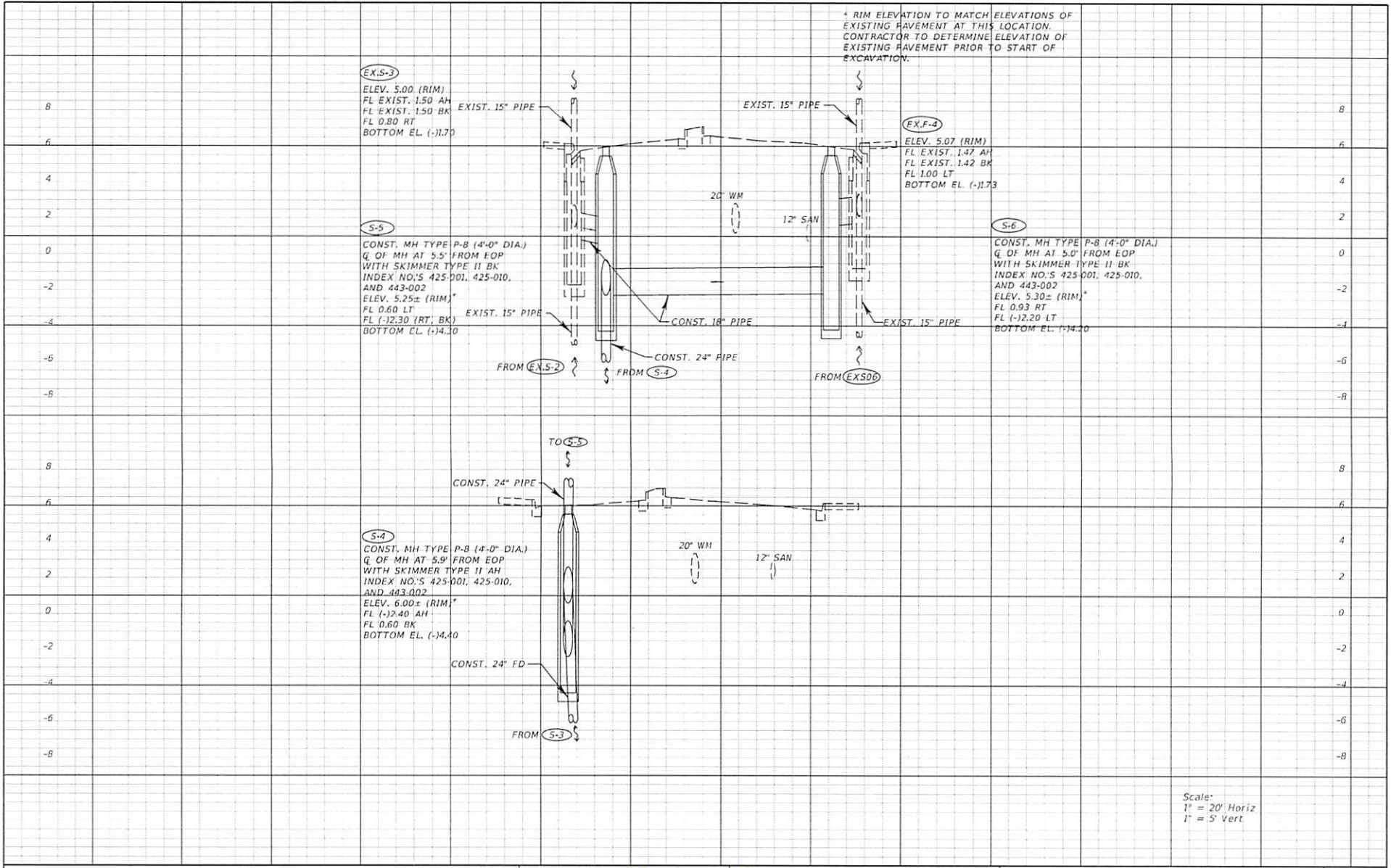
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CITY OF DORAL	
ROAD NO.	COUNTY
NW 114TH AVENUE	MIAMI-DADE

DRAINAGE STRUCTURES

SHEET NO.
8



Scale:
 1" = 20' Horiz
 1" = 5' Vert

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CITY OF DORAL	
ROAD NO.	COUNTY
NW 114TH AVENUE	MIAMI-DADE

DRAINAGE STRUCTURES

SHEET NO.
9

TRAFFIC CONTROL PHASING NOTES

GENERAL NOTES

1. THE CONTRACTOR SHALL DEVELOP MAINTENANCE OF TRAFFIC PLANS OF HIS OWN IN ACCORDANCE WITH THE PROJECT PLANS, THE MIAMI-DADE COUNTY PUBLIC WORKS MANUAL AS PERTAINS TO MAINTENANCE OF TRAFFIC (THE FLORIDA DOT DESIGN STANDARDS (600 SERIES)), THE FDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AS MINIMUM CRITERIA AND THE LATEST REVISIONS OF ABOVE MENTIONED MANUALS.
2. THE CONTRACTOR'S MAINTENANCE OF TRAFFIC PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO START OF CONSTRUCTION. THE PLANS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA. CONTRACTOR SHALL PROVIDE THE CITY OF DORAL AND ADJACENT PROPERTY OWNERS WRITTEN NOTICE 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
3. THE CONTRACTOR SHALL IMMEDIATELY REPAIR ALL POTHOLES THAT DEVELOP WITHIN THE PROJECT LIMITS AND WILL MAINTAIN A SUPPLY OF COLD MIX ON THE PROJECT SITE TO EXPEDITE THOSE REPAIRS. COST OF REPAIR TO BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
4. NOTIFICATION OF LANE CLOSURES OR TEMPORARY DETOURS SHALL BE ACCOMPLISHED 14 WORKING DAYS PRIOR TO CLOSURE OR DETOUR BY COORDINATING WITH MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT, MIAMI-DADE COUNTY TRAFFIC OPERATIONS, AND THE CITY OF DORAL.
5. LANE CLOSURES SHALL OCCUR ONLY DURING NON-PEAK HOURS ON NON-EVENT WEEKDAYS.
6. THE CONTRACTOR SHALL NOTIFY LAW ENFORCEMENT AND FIRE PROTECTION SERVICES TWENTY-FOUR (24) HOURS IN ADVANCE OF A DETOUR IN ACCORDANCE WITH SECTION 336.07 OF THE FLORIDA STATUTES.
7. AT THE DISCRETION OF THE ENGINEER, IF A LANE CLOSURE CAUSES EXTENDED CONGESTION OR DELAY, THE CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSED LANE(S) WITH SUCH THAT THE TRAFFIC FLOW HAS RETURNED TO AN ACCEPTABLE LEVEL.
8. THE TRAFFIC AND TRAVELWAYS SHALL NOT BE AVAILABLE TO THE CONTRACTOR TO CELEBRATE A WORK ZONE UNTIL ALL LAIDON AND MATERIAL ARE AVAILABLE FOR THE CONSTRUCTION THAT BEGAN AND INTERRUPTION TO TRAFFIC IS PERMITTED FROM MONDAY-FRIDAY 7-9 AM AND 4-6 PM OR ON WEEKENDS AND HOLIDAYS. UNLESS APPROVED BY THE CITY.
9. CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE PROPERTY DURING ALL PHASES OF CONSTRUCTION. LOCAL RESIDENTS WITHIN THE AREA OF CONSTRUCTION SHALL BE PROVIDED ACCESS TO THEIR PROPERTY DURING ALL PHASES OF CONSTRUCTION. LOCAL RESIDENTS INCLUDE ALL COMMERCIAL ESTABLISHMENTS AND BUSINESSES.
10. AS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL COVER WORK ZONE SIGNS WHEN CONDITIONS NO LONGER WARRANT THEIR USE. COST OF COVERING AND UNCOVERING THE SIGNS SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
11. CONTRACTOR SHALL RE-MOVE, RELOCATE, OR COVER ANY EXISTING OR PROPOSED SIGNS THAT COME IN CONTACT WITH THE TRAFFIC CONTROL PLANS. WHEN THE CONFLICT NO LONGER EXISTS, THE CONTRACTOR SHALL RESTORE THE SIGNS TO THEIR ORIGINAL POSITION. COST OF TEMPORARILY REMOVING, RELOCATING, COVERING, AND RESTORING THE SIGNS SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
12. EACH EXISTING STREET NAME AND TRAFFIC SIGN AFFECTED BY CONSTRUCTION SHALL BE RELOCATED AND MAINTAINED IN AN APPROPRIATE LOCATION FOR THE DURATION OF THE PROJECT WHEN NO LONGER AFFECTED BY CONSTRUCTION. THESE SIGNS SHALL BE RESTORED IN THEIR ORIGINAL POSITION. COST OF TEMPORARILY RELOCATING AND RESTORING THE SIGNS SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF STORM WATER FROM ROADWAYS UTILIZED FOR MAINTAINING TRAFFIC IN A MANNER APPROVED BY THE ENGINEER. COST FOR REMOVING THE WATER SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
14. FOR DROP-OFF, THE CONTRACTOR'S ATTENTION IS DIRECTED TO FDOT STANDARD PLANS INDEX NO. 102-6 SHEET 9 DURING ASPHALT CONSTRUCTION OPERATIONS, NO MORE THAN 1.1/4" DROP OFF BETWEEN ADJACENT TRAFFIC LANES OR AT TRANSVERSE JOINTS WHERE DROP OFF CONDITIONS EXIST. THE SIGNING FOR UNEVEN LANES SHALL BE INSTALLED FOR THE DURATION OF THE CONDITION (W&S-1).
15. THE CONTRACTOR IS TO PLACE TEMPORARY OR REMOVABLE PAVEMENT MARKINGS BETWEEN EACH LAYER OF PAVEMENT, AND IS RESPONSIBLE FOR APPROPRIATELY COORDINATING STOP SIGNS AS APPLICABLE. PAVEMENT MARKINGS AND BARRICADES PLACEMENT SHALL BE INSTALLED FOR THE DURATION OF THE CONDITION (W&S-1).
16. THE CONTRACTOR SHALL REMOVE ANY EXISTING OR TEMPORARY PAVEMENT MARKINGS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS. GRINDING OR MILLING SHALL ONLY BE PERMITTED IN NON-TRAFFIC AREAS.
17. COST OF REMOVAL OF TEMPORARY PAVEMENT MARKINGS, REGARDLESS OF METHOD, IS INCLUDED IN THE RELATED PAY ITEMS. USE OF BLACK PAINT TO COVER EXISTING AND/OR TEMPORARY PAVEMENT MARKINGS IS PROHIBITED.
18. AT ALL INTERSECTING STREETS, NO LESS THAN ONE "ROAD CONSTRUCTION AHEAD" SIGN AND ONE "END CONSTRUCTION" SIGN MUST BE INSTALLED. ADJACENT INTERSECTIONS SHALL NOT BE CONSTRUCTED SIMULTANEOUSLY UNLESS DIRECTED BY THE ENGINEER.
19. TRAFFIC SHALL BE MAINTAINED ON A PAVED, DUST-FREE SURFACE AT ALL TIMES.
20. ALL LANES OPEN TO TRAFFIC SHALL BE A MINIMUM OF 10' IN WIDTH.
21. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE EROSION CONTROL MEASURES TO PREVENT CLOG OF PROPOSED DRAINAGE STRUCTURES AND CURRENT EDITION OF THE DOT DESIGN STANDARDS FOR EROSION CONTROL (E03 SERIES).
22. CONTRACTOR MUST MAINTAIN DRAINAGE AT ALL TIMES. THE EXISTING DRAINAGE SYSTEM SHALL BE KEPT OPERATIONAL OR TEMPORARY DRAINAGE AS APPROVED BY THE ENGINEER. ALL COSTS SHALL BE INCLUDED IN THE PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
23. ALL UNPAVED AREAS OCCURRED BY CONSTRUCTION ARE TO BE TEMPORARILY SOFTENED FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. COST ASSOCIATED WITH FURNISHING AND MAINTAINING SOFTENERS SHALL BE INCLUDED IN THE PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
24. THE CONTRACTOR SHALL FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) AS DIRECTED BY THE ENGINEER. MESSAGES FOR THE PCMS SHALL BE AS DIRECTED BY THE ENGINEER. THE PCMS SHALL BE IN PLACE ONE WEEK BEFORE THE START OF WORK ITEMS AFFECTING THE EXISTING VEHICULAR AND PEDESTRIAN TRAFFIC. PCMS INSTALLATION, OPERATION, AND REMOVAL TO BE INCLUDED IN THE PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
25. THE CONTRACTOR MUST PROVIDE FLASHING ARROW BOARD FOR ANY LANE THAT IS CLOSED OR DIVERTED.
26. THE CITY SHALL PROVIDE TWO (2) PROJECT INFORMATION SIGNS PROVIDED BY THE CITY OF DORAL SHALL BE PRESENT AT ALL TIMES DURING CONSTRUCTION. ALL ASSOCIATED COSTS INCLUDING INSTALLATION AND MAINTENANCE OF THE SIGNS SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.



CITY OF DORAL

ROAD NO. COUNTY

NW 10TH AVENUE MIAMI-DADE

MAINTENANCE OF TRAFFIC PLANS

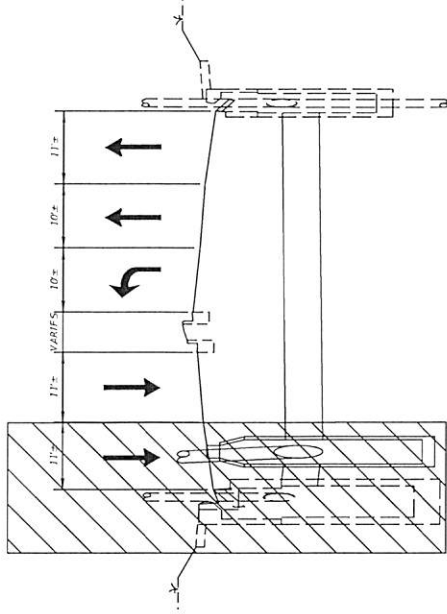
SHEET NO. 11

Kimley-Horn
 Certificate of Authorization No. 696
 Luis G. Cubas, P.E.
 P.E. License No. 59076
 Miami, Florida 33131-2228

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

TRAFFIC CONTROL PHASING NOTES

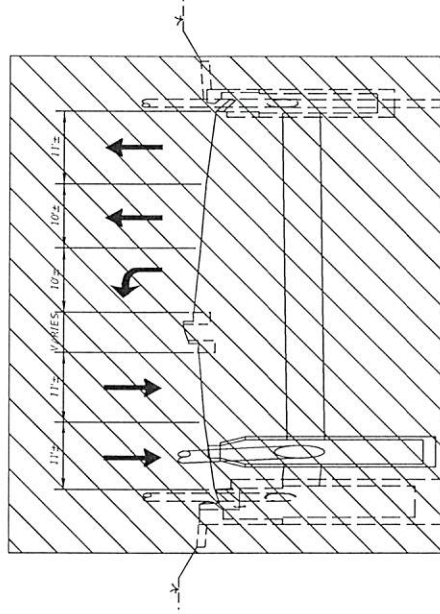
FROM NW 58TH STREET TO THE SOUTH EUGENIS B. THOMAS K-8 CENTER DROP OFF ENTRANCE



PHASE I

1. PLACE ALL TRAFFIC CONTROL DEVICES, TEMPORARY SIGNS, CHANNELIZING DEVICES, BARRICADES, BARRIER WALLS, ETC. AS REQUIRED FOR PHASE I OPERATIONS.
2. CLOSE OUTSIDE LANE OF SOUTHBOUND NW 114TH AVENUE FROM APPROXIMATELY 150' SOUTH OF NW 60TH STREET TO APPROXIMATELY 150' NORTH OF 58TH STREET.
3. CONSTRUCT DRAINAGE IMPROVEMENTS WITHIN THE LANE BEING CLOSED.

FROM THE EUGENIS B. THOMAS K-8 CENTER SOUTH DROP OFF ENTRANCE TO THE THE EUGENIS B. THOMAS K-8 CENTER NORTH DROP OFF ENTRANCE



PHASE II

1. PLACE ALL TRAFFIC CONTROL DEVICES, TEMPORARY SIGNS, CHANNELIZING DEVICES, BARRICADES, ETC. AS REQUIRED FOR PHASE II OPERATIONS.
2. CLOSE TRAFFIC LANES TO CONSTRUCT 18" DRAINAGE PIPES CONNECTING EXISTING INLETS TO PROPOSED MANHOLES.
3. TRAFFIC LANES ARE TO BE CLOSED ONE AT A TIME TO MAINTAIN TRAFFIC FLOWING ON LANES REMAINING OPEN.
4. PROVIDE PAVEMENT RESTORATION AND TEMPORARY PAINT PAVEMENT MARKINGS.
5. PROVIDE PERMANENT PAVEMENT MARKINGS.

DATE	DESCRIPTION	DATE	DESCRIPTION

Kimley-Horn
 Certificate of Authorization No. 696
 Luis G. Cubas, P.E.
 License No. 58014
 Miami, Florida 33131-3228

CITY OF DORAL
 ROAD NO. COUNTY
 NW 114TH AVENUE MIAMI-DADE
 Eric Green

MAINTENANCE OF TRAFFIC PLANS
 SHEET NO. 12

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 EXPEND BUDGETED FUNDS IN FURTHERANCE HEREOF; 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:

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

Section 2. Award. 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.

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

Section 5. Implementation. 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.

Section 6. Effective Date. This Resolution shall take effect immediately upon adoption.

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 SUFFICIENCY
FOR THE USE AND RELIANCE OF THE CITY OF DORAL ONLY:



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