

BEGIN PROJECT
BEGIN MILLING
AND RESURFACING
STA. 9+57.28

END MILLING AND RESURFACING
BEGIN RECONSTRUCTION
STA. 10+13.88

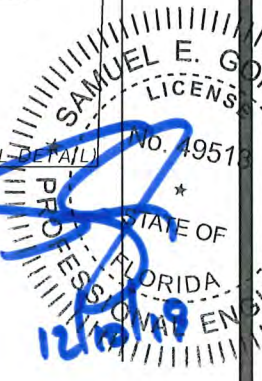
MATCH LINE 14+00.00

LEGEND

- MILLING AND RESURFACING
- CONCRETE VALLEY GUTTER
- REGRADE AND SOD
- CONST. 6" CONCRETE SIDEWALK / DRIVEWAY (PROVIDE A 2% CROSS-SLOPE FOR SIDEWALKS)
- CONST. 4" CONCRETE SIDEWALK
- SWALE TRENCH SECTION (SEE CITY OF MIAMI STANDARD 35-86-48)
- PROPOSED ELEVATION
- EXISTING ELEVATION
- ROOT PRUNING

NOTE

- EXISTING FD FROM S-5 TO S-7 (TO REMAIN)
- EXISTING FD FROM S-9 TO S-11 (TO REMAIN)
- ONLY THE PORTION OF FD FROM EXISTING INLET (STA. 15+50.58, 9.30' RT) TO S-9 WILL BE REMOVED



CITY OF MIAMI
FLORIDA
CAPITAL IMPROVEMENTS
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DEPARTMENT



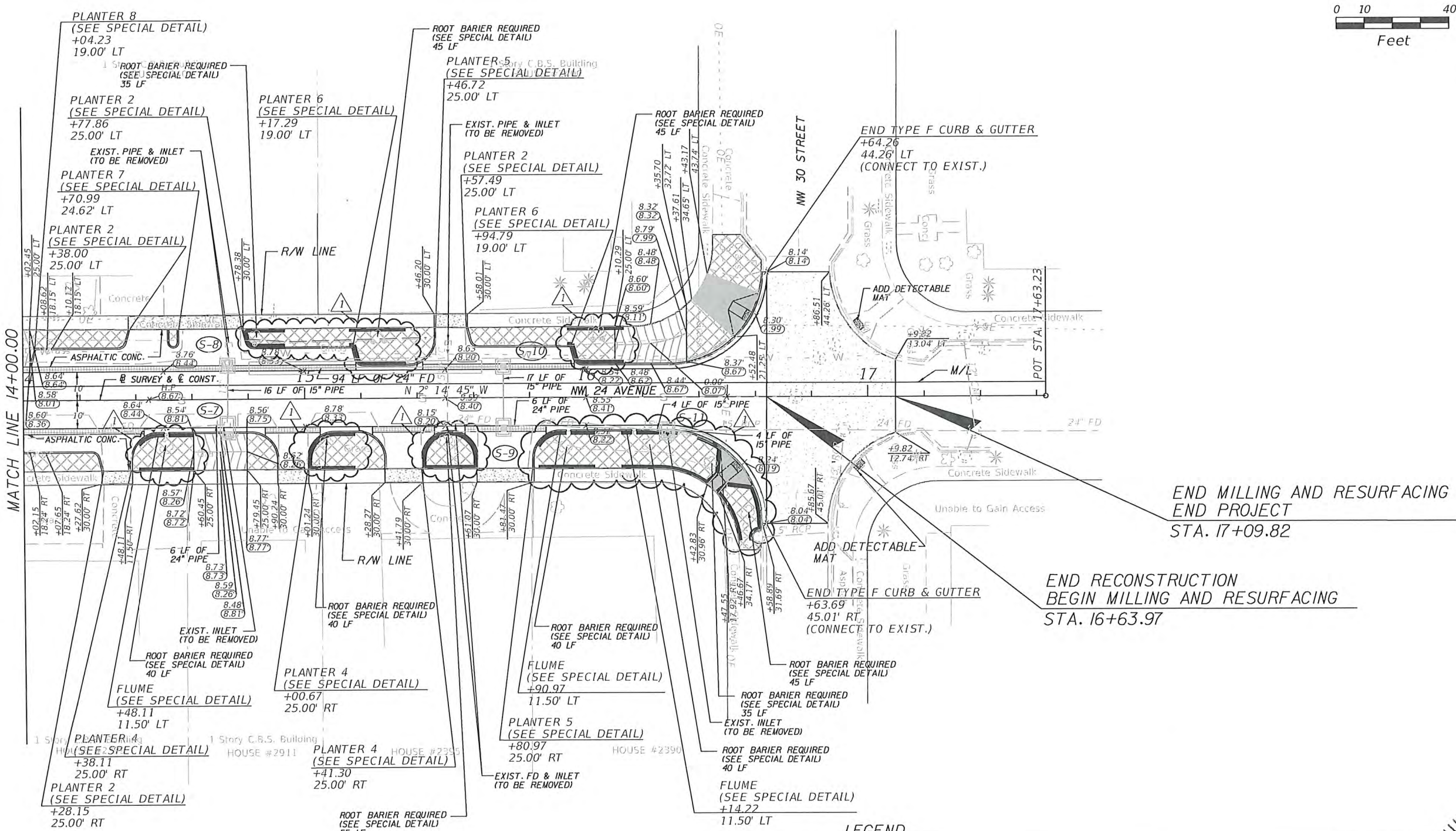
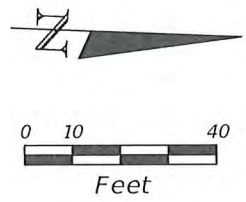
RS&H, Inc.
Blue Lagoon Drive, Suite 325
Miami, Florida 33126

CITY OF MIAMI
NW 24TH AVENUE
IMPROVEMENTS PROJECT
ROADWAY PLANS

DATE: 07/19/16
DESIGN: S.G.
DRAWN: O.R.
CHECKED: L.J.M.
REVISIONS:

RESPONSE TO ITB
19-20-089 ADDENDUM *1

JOB No. B-30723
DATE: 12/19/19
PROJECT: NW 24TH AVENUE IMPROVEMENTS PROJECT
DRAWN BY: Samuel E. Gonzalez, P.E.
Reg. No. 49513
HORIZONTAL SCALE:
1" = 40'
VERTICAL SCALE:
N/A
SHEET No. 10



MATCH LINE 14+00.00

END MILLING AND RESURFACING
END PROJECT
STA. 17+09.82

END RECONSTRUCTION
BEGIN MILLING AND RESURFACING
STA. 16+63.97

LEGEND

- MILLING AND RESURFACING
- CONCRETE VALLEY GUTTER
- REGRADE AND SOD
- CONST. 6" CONCRETE SIDEWALK / DRIVEWAY (PROVIDE A 2% CROSS-SLOPE FOR SIDEWALKS)
- CONST. 4" CONCRETE SIDEWALK
- SWALE TRENCH SECTION (SEE CITY OF MIAMI STANDARD 35-86-4B)
- $+ X.XX'$ PROPOSED ELEVATION
- $(X.XX')$ EXISTING ELEVATION
- ROOT PRUNING

NOTE

- EXISTING FD FROM S-5 TO S-7 (TO REMAIN)
- EXISTING FD FROM S-9 TO S-11 (TO REMAIN)
- ONLY THE PORTION OF FD FROM EXISTING INLET (STA. 15+50.58, 9.30' RT) TO S-9 WILL BE REMOVED

CITY OF MIAMI
FLORIDA
CAPITAL IMPROVEMENTS
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DEPARTMENT



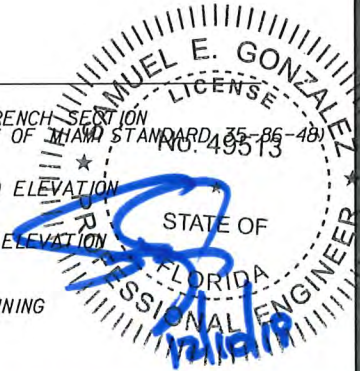
RS&H, Inc.
6303 Blue Lagoon Drive, Suite 325
Miami, Florida 33126

CITY OF MIAMI
NW 24TH AVENUE
IMPROVEMENTS PROJECT
ROADWAY PLANS

DATE: 07/19/16
DESIGN: S.G.
DRAWN: O.R.
CHECKED: L.M.
REVISIONS:
RESPONSE TO ITB
19-28-009 ADDENDUM *1

JOB No. B-38723
FILE:
SEAL

Samuel E. Gonzalez, P.E.
F.L. Reg. No. 49513
HORIZONTAL SCALE:
1" = 40'
VERTICAL SCALE:
N/A
SHEET No. 11



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PAY ITEM FOOTNOTES

102-1 INCLUDES ALL COSTS FOR FURNISHING, INSTALLING, AND REMOVING SHOULDER BASE MATERIAL TO PROTECT MOTORISTS FROM DROP-OFF CONDITIONS DURING CONSTRUCTION.
INCLUDES THE COST OF TEMPORARY PAINT PAVEMENT MARKINGS.
INCLUDES THE COST OF FURNISHING, INSTALLING, MAINTAINING, AND REMOVING ALL ITEMS OF MAINTENANCE OF TRAFFIC NOT PAID UNDER SEPARATE ITEMS INCLUDING BUT NOT LIMITED TO SIGNS, BARRICADES, FLASHING LIGHTS, ETC.

110-1-1 INCLUDES THE REMOVAL OF ALL EXISTING DRAINAGE FACILITIES WITHIN THE PROJECT AND INCLUDES ALL SIDEWALK RESTORATION INCIDENTALS

110-15 INCLUDES ALL COST FOR AN ARBORIST TO BE ON SITE TO MONITOR CONSTRUCTION ACTIVITIES NEAR EXISTING TREES AND DIRECT ALL ROOT PRUNING/BARRIER AND/OR CANOPY TRIMMING ACTIVITIES AS NECESSARY

120-1 INCLUDES THE COST OF ADDITIONAL EXCAVATION REQUIRED WITHIN RECONSTRUCTION LIMITS AS NECESSARY TO ACCOMMODATE ADDITIONAL 1" OF ASPHALT THICKNESS. NOTE THAT PAY ITEM QUANTITY INCLUDED IN PLANS ACCOUNTS FOR 8" BASE THICKNESS BELOW PARKING AREAS AND DRIVEWAYS, WHICH MAY BE REDUCED TO 6" IF DESIRED.

160-4, 285-704, 285-706, & 334-1-11 INCLUDES THE COST OF PROPOSED ASPHALT DRIVEWAYS LOCATED ADJACENT TO PROPOSED CONCRETE VALLEY GUTTER. PROPOSED ROADWAY BASE AND STABILIZATION SHALL BE PLACED BENEATH PROPOSED DRIVEWAYS. PER CITY OF MIAMI STANDARDS, THE THICKNESS OF THE PROPOSED LIMEROCK BASE MAY BE REDUCED FROM 8" TO 6" BENEATH ASPHALT DRIVEWAYS AND PARKING AREAS. SQUARE YARDAGE QUANTITIES SHOWN INCLUDE DRIVEWAY AREAS.

327-70-1 PROPOSED MILLING DEPTHS SHOWN ARE BASED ON A SINGLE PAVEMENT CORE BORING TAKEN WITHIN EACH BLOCK. ALL PAVEMENT IS TO BE MILLED. CONTRACTOR IS URGED TO VERIFY EXISTING PAVEMENT DEPTHS VIA FIELD TESTING TO DETERMINE VARIATIONS IN PAVEMENT THICKNESSES AS NECESSARY TO DEVELOP A MORE ACCURATE BID FOR THE RELATED PAY ITEMS. THE SUBJECT PAY ITEMS SHALL INCLUDE THE COSTS TO MILL ALL PAVEMENT WITHIN THE LIMITS OF MILLING AND RESURFACING.

425-1-711 INCLUDES THE COST OF FURNISHING AND INSTALLING FOOT P-BOTTOM STRUCTURES BENEATH THE PROPOSED TYPE "V" & TYPE "F-3" INLET TOPS AS INDICATED ON SHEET NOS. 8 THROUGH 10 OF THE PLANS.

425-1-711, 425-1-713 & 430-174-115 & 443-70-4 INCLUDES THE COST OF ALL SIDEWALK RESTORATION INCIDENTAL TO THE CONSTRUCTION OF THE PROPOSED DRAINAGE IMPROVEMENTS. ALL SIDEWALK DAMAGED/TEMPORARILY REMOVED DURING EXCAVATION, TRENCHING, AND OR SHORING FOR THE CONSTRUCTION OF THE PROPOSED DRAINAGE IMPROVEMENTS MUST BE REPLACED.

INCLUDES THE COST OF REPLACING/RESTORING ALL UTILITY VALVE BOXES/METER BOXES NOT IDENTIFIED AS NEEDING ADJUSTMENT THAT ARE DAMAGED/TEMPORARILY REMOVED DURING THE CONSTRUCTION OF THE PROPOSED DRAINAGE FACILITIES.

INCLUDES THE COST OF RESTORING ALL ROADWAY BASE AND STABILIZATION WITHIN LIMITS OF PROPOSED MILLING AND RESURFACING THAT IS DAMAGED/TEMPORARILY REMOVED DURING THE CONSTRUCTION OF THE PROPOSED DRAINAGE FACILITIES. RESTORATION SHALL CONSIST OF 12" OF TYPE B STABILIZATION (LBR 40) AND 8" OF LIMEROCK BASE.

INCLUDES THE COST OF FURNISHING AND INSTALLING SUITABLE BACKFILL MATERIAL ABOVE AND AROUND PROPOSED DRAINAGE FACILITIES RESULTING FROM REMOVAL OF UNSUITABLE MATERIAL IF ENCOUNTERED DURING CONSTRUCTION.

INCLUDES THE COST OF DESILTING ALL EXISTING AND PROPOSED DRAINAGE STRUCTURES AND PIPES PRIOR TO SUBSTANTIAL ACCEPTANCE

443-70-4 INCLUDES ALL COSTS NECESSARY TO FURNISH AND INSTALL PROPOSED FRENCH DRAIN. PROPOSED FRENCH DRAIN DEPTHS ARE 15'. HOWEVER, GEOTECHNICAL INVESTIGATIONS FOR THIS PROJECT WERE ONLY PERFORMED TO A DEPTH OF 10'. CONTRACTOR IS URGED TO PERFORM HIS/HER OWN FIELD TESTING TO DETERMINE EXISTING SOIL TYPES BETWEEN 10' AND 15' DEPTHS IN ORDER TO DEVELOP A MORE ACCURATE BID FOR THIS PAY ITEM.

443-70-4 INCLUDES ALL COST NECESSARY TO FURNISH AND INSTALL PROPOSED SWALE TRENCH DETAILS IN ACCORDANCE WITH CITY OF MIAMI STANDARD #35-86-45

522-1 THRU 522-2 INCLUDES THE COST OF REPLACING/RESTORING ALL UTILITY VALVE BOXES/METER BOXES NOT IDENTIFIED AS NEEDING ADJUSTMENT THAT ARE DAMAGED/TEMPORARILY REMOVED DURING THE CONSTRUCTION OF THE PROPOSED CONCRETE SIDEWALK.

INCLUDES THE COST OF PEDESTRIAN RAMPS, CONCRETE DRIVEWAYS, CONTROL JOINTS, EXPANSION JOINTS, AND DETECTABLE WARNING SURFACES. THE CAST-IN-PLACE YELLOW COLORED DETECTABLE WARNING SURFACES SHALL BE ARMOR-TILE OR APPROVED EQUAL THAT CAN BE SET DIRECTLY ONTO NEWLY POURED CONCRETE.

INCLUDES THE COST OF TEMPORARY REMOVAL AND RESTORATION OF EXISTING FENCING IMPACTED BY SIDEWALK RECONSTRUCTION ACTIVITIES.

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY
101-1	MOBILIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
104-10-3	SEDIMENT BARRIER	LF	736
104-18	INLET PROTECTION SYSTEM	EA	7
110-1-1	CLEARING & GRUBBING	AC	0.4
110-15	ARBORIST WORK	LS	1
	ROOT PRUNING	LF	290
110-4-10	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	154
120-1	REGULAR EXCAVATION	CY	525
160-4	TYPE B STABILIZATION	SY	1133
285-704	OPTIONAL BASE, BASE GROUP 04	SY	301
285-706	OPTIONAL BASE, BASE GROUP 06	SY	967
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	SY	695
334-1-11	SUPERPAVE ASPHALTIC CONC, TRAFFIC A, (SP-9.5), (1")	TN	63
337-7-80	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-9.5, PG 76-22 (1")	TN	84
425-1-711	CITY OF MIAMI INLETS TYPE "V" < 10' P-BOTTOM	EA	1
425-1-713	CITY OF MIAMI INLETS TYPE "V" < 10' J-BOTTOM	EA	2
425-1-714	CITY OF MIAMI INLETS TYPE "V" > 10' J-BOTTOM	EA	1
425-5	MANHOLE, ADJUST	EA	1
430-174-115	PIPE CULV, OPT MATL, ROUND, 15" SD	LF	18
443-70-4	FRENCH DRAIN, 24"	LF	200
443-72-11	SWALE TRENCH DETAIL (CITY STANDARD #35-86-45)	SY	58
520-1-10	CONCRETE CURB, TYPE F	LF	110
520-2-4	CONCRETE CURB, TYPE D	LF	196
520-3	CONCRETE DROP CURB	LF	488
522-1	CONCRETE SIDEWALK - 4"	SY	66
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	SY	80
527-2	DETECTABLE WARNING MATS	SF	66
570-1-2	PERFORMANCE TURF, 50D	SY	550
700-3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	AS	4
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	12
711-12-221	THERMOPLASTIC, YELLOW, SOLID, 6"	LF	648
711-14-123	THERMOPLASTIC, PREFORM, WHITE SOLID, 12"	LF	437
711-14-125	THERMOPLASTIC, PREFORM, WHITE SOLID, 24"	LF	78
710-11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 12"	LF	437
710-11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 24"	LF	78
710-11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	0.123

CITY OF MIAMI
FLORIDA
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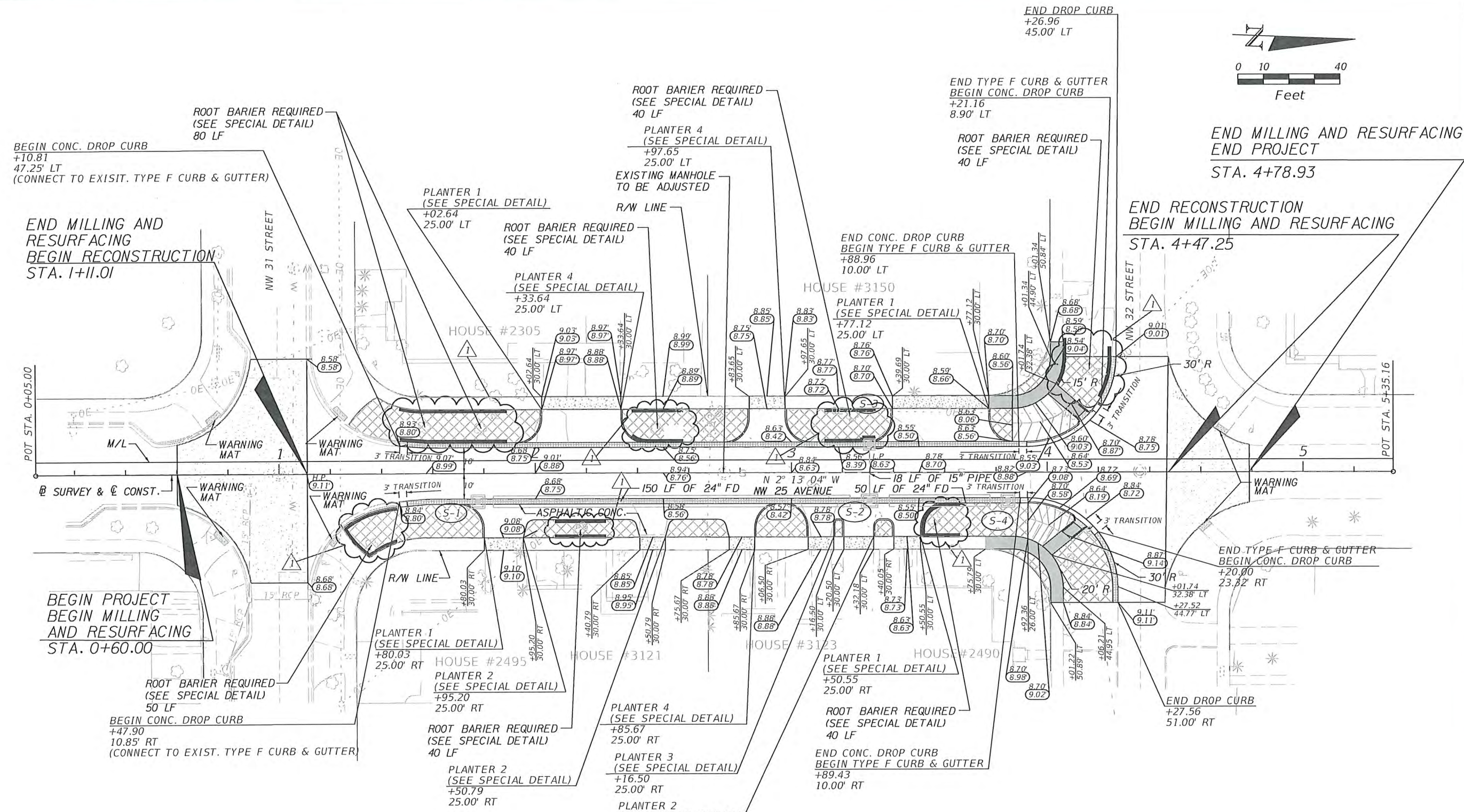
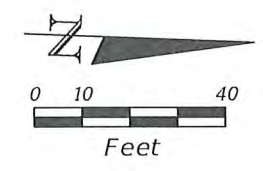
CITY OF MIAMI
NW 25TH AVENUE
IMPROVEMENTS PROJECT
SUMMARY OF QUANTITIES

DATE: 04/01/16
DESIGN: S.G.
DRAWN: O.R.
CHECKED: L.M.
REVISIONS:
RESPONSE TO I1B
19-20-009 ADDENDUM #1

Job No. B-30723



Samuel E. Gonzalez P.E.
Reg. No. 49513
HORIZONTAL SCALE:
N/A
VERTICAL SCALE:
N/A
SHEET No. 8



LEGEND

	MILLING AND RESURFACING		SWALE TRENCH SECTION (SEE CITY OF MIAMI STANDARD 35-86-48)
	CONCRETE VALLEY GUTTER	X.XX'	EXISTING ELEVATION
	REGRADE AND SOD	(X.XX)	PROPOSED ELEVATION
	CONST. 6" CONCRETE SIDEWALK / DRIVEWAY (PROVIDE A MAX 2% CROSS-SLOPE FOR SIDEWALKS)		ROOT PRUNING
	CONST. 4" CONCRETE SIDEWALK (PROVIDE A MAX 2% CROSS-SLOPE FOR SIDEWALKS)		



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CITY OF MIAMI

OFFICE OF CAPITAL IMPROVEMENTS

STEVEN C. WILLIAMSON, DIRECTOR

NW 32ND STREET IMPROVEMENTS FROM NW 23RD AVENUE TO 22ND AVENUE B-30723

ROADWAY PLANS
ENGINEER OF RECORD: SAMUEL E. GONZALEZ, P.E.

P.E. NO.: 49513

COMMISSION: MAYOR

FRANCIS SUAREZ

COMMISSIONERS

- KEON HARDEMON (D-5)
- CHAIRMAN KEN RUSSELL (D-2)
- VICE CHAIRMAN WIFREDO (WILLY) GORT (D-1)
- JOE CAROLLO (D-3)
- MANOLO REYES (D-4)

CITY MANAGER

EMILIO T. GONZALEZ, Ph.D.

INDEX OF DRAWINGS:

SHEET NO.	DESCRIPTION
1	KEY SHEET
2	DRAINAGE MAP
3	EXISTING DRAINAGE STRUCTURES
4	PROPOSED DRAINAGE STRUCTURES
5	TYPICAL SECTION
6-7	GENERAL NOTES
8	SUMMARY OF QUANTITIES
9	SUMMARY OF DRAINAGE STRUCTURES
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12-13	ROADWAY PROFILE
14-15	SPECIAL DETAILS
16-17	INTERSECTION DETAILS
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24-29	DRAINAGE DETAILS
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45	TABULATION OF SIGNING & PAVEMENT MARKING QUANTITIES
46-47	SIGNING & PAVEMENT MARKINGS PLANS
48	TOPOGRAPHIC SURVEY

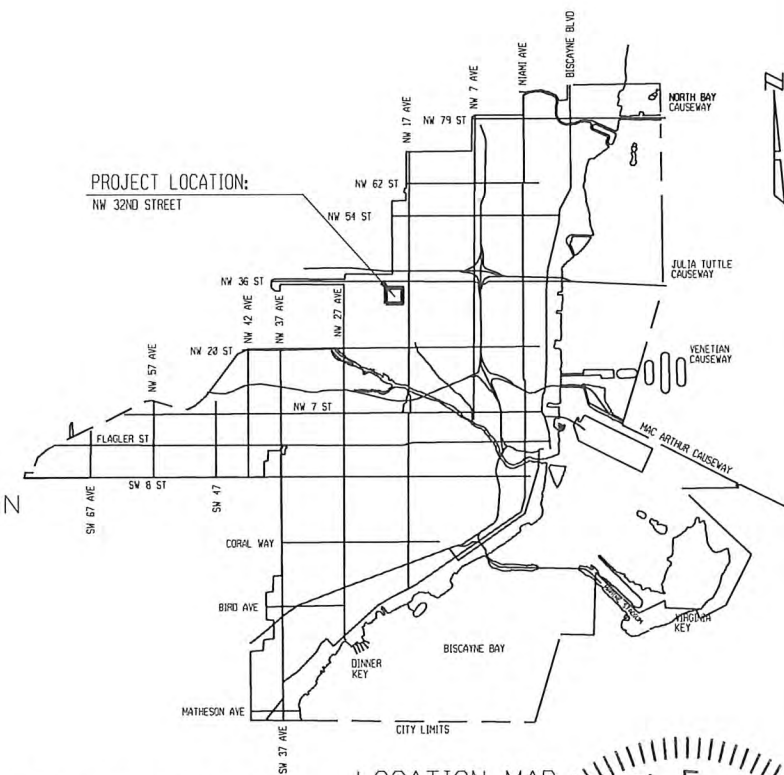
REVIEW COMMENTS

AGENCY	COMMENT

NOTE: THIS PROJECT NEEDS TO BE COORDINATED WITH MIAMI DADE WATER AND SEWER DEPARTMENT PCTS NO 14924 / ER NO W017041 / (12" WM PROJECT)

REVISIONS

- 1 RESPONSE TO ITB 19-20-009
- ADDENDUM #1: SHEETS 1, 8, 10
- REVISION 1 DATE: DECEMBER 10 2019



LOCATION MAP
N.T.S.



CIP PROJECT MANAGER
CIP CONSTRUCTION MANAGER
PREPARED FOR THE CITY OF MIAMI
CAPITAL IMPROVEMENTS
PROGRAM BY:

ROBERTO CARDONA
MAURICE HARDIE

RS&H, Inc.
6303 Blue Lagoon Drive, Suite 325
Miami, Florida 33126



NW 32ND STREET IMPROVEMENTS PROJECT

100 NO. B-30723
FILE NO.
REV.

PAY ITEM FOOTNOTES

102-1 INCLUDES ALL COSTS FOR FURNISHING, INSTALLING, AND REMOVING SHOULDER BASE MATERIAL TO PROTECT MOTORISTS FROM DROP-OFF CONDITIONS DURING CONSTRUCTION.
INCLUDES THE COST OF TEMPORARY PAINT PAVEMENT MARKINGS.

INCLUDES THE COST OF FURNISHING, INSTALLING, MAINTAINING, AND REMOVING ALL ITEMS OF MAINTENANCE OF TRAFFIC NOT PAID UNDER SEPARATE ITEMS INCLUDING BUT NOT LIMITED TO SIGNS, BARRICADES, FLASHING LIGHTS, ETC.

110-15 INCLUDES ALL COST FOR AN ARBORIST TO BE ON SITE TO MONITOR CONSTRUCTION ACTIVITIES NEAR EXISTING TREES AND DIRECT ALL ROOT PRUNING/BARRIER AND/OR CANOPY TRIMMING ACTIVITIES AS NECESSARY

110-1-1 INCLUDES THE REMOVAL OF ALL EXISTING DRAINAGE FACILITIES WITHIN THE PROJECT AND INCLUDES ALL SIDEWALK RESTORATION INCIDENTALS

120-1 INCLUDES THE COST OF ADDITIONAL EXCAVATION REQUIRED WITHIN RECONSTRUCTION LIMITS AS NECESSARY TO ACCOMMODATE ADDITIONAL 1" OF ASPHALT THICKNESS. NOTE THAT PAY ITEM QUANTITY INCLUDED IN PLANS ACCOUNTS FOR 8" BASE THICKNESS BELOW PARKING AREAS AND DRIVEWAYS, WHICH MAY BE REDUCED TO 6" IF DESIRED.

160-4, 285-704, 285-706, & 334-1-11 INCLUDES THE COST OF PROPOSED ASPHALT DRIVEWAYS LOCATED ADJACENT TO PROPOSED CONCRETE VALLEY GUTTER. PROPOSED ROADWAY BASE AND STABILIZATION SHALL BE PLACED BENEATH PROPOSED DRIVEWAYS. PER CITY OF MIAMI STANDARDS, THE THICKNESS OF THE PROPOSED LIMEROCK BASE MAY BE REDUCED FROM 8" TO 6" BENEATH ASPHALT DRIVEWAYS AND PARKING AREAS. SQUARE YARDAGE QUANTITIES SHOWN INCLUDE DRIVEWAY AREAS.

327-70-1 PROPOSED MILLING DEPTHS SHOWN ARE BASED ON A SINGLE PAVEMENT CORE BORING TAKEN WITHIN EACH BLOCK. ALL PAVEMENT IS TO BE MILLED. CONTRACTOR IS URGED TO VERIFY EXISTING PAVEMENT DEPTHS VIA FIELD TESTING TO DETERMINE VARIATIONS IN PAVEMENT THICKNESSES AS NECESSARY TO DEVELOP A MORE ACCURATE BID FOR THE RELATED PAY ITEMS. THE SUBJECT PAY ITEMS SHALL INCLUDE THE COSTS TO MILL ALL PAVEMENT WITHIN THE LIMITS OF MILLING AND RESURFACING.

430-174-115 & 430-174-124 INCLUDES THE COST OF ALL SIDEWALK RESTORATION INCIDENTAL TO THE CONSTRUCTION OF THE PROPOSED DRAINAGE IMPROVEMENTS. ALL SIDEWALK DAMAGED/TEMPORARILY REMOVED DURING EXCAVATION, TRENCHING, AND OR SHORING FOR THE CONSTRUCTION OF THE PROPOSED DRAINAGE IMPROVEMENTS MUST BE REPLACED.

INCLUDES THE COST OF REPLACING/RESTORING ALL UTILITY VALVE BOXES/METER BOXES NOT IDENTIFIED AS NEEDING ADJUSTMENT THAT ARE DAMAGED/TEMPORARILY REMOVED DURING THE CONSTRUCTION OF THE PROPOSED DRAINAGE FACILITIES.

INCLUDES THE COST OF RESTORING ALL ROADWAY BASE AND STABILIZATION WITHIN LIMITS OF PROPOSED MILLING AND RESURFACING THAT IS DAMAGED/TEMPORARILY REMOVED DURING THE CONSTRUCTION OF THE PROPOSED DRAINAGE FACILITIES. RESTORATION SHALL CONSIST OF 12" OF TYPE B STABILIZATION (LBR 40) AND 8" OF LIMEROCK BASE.

INCLUDES THE COST OF FURNISHING AND INSTALLING SUITABLE BACKFILL MATERIAL ABOVE AND AROUND PROPOSED DRAINAGE FACILITIES RESULTING FROM REMOVAL OF UNSUITABLE MATERIAL IF ENCOUNTERED DURING CONSTRUCTION.

INCLUDES THE COST OF DESILTING ALL EXISTING AND PROPOSED DRAINAGE STRUCTURES AND PIPES PRIOR TO SUBSTANTIAL ACCEPTANCE

443-70-4 INCLUDES ALL COSTS NECESSARY TO FURNISH AND INSTALL PROPOSED FRENCH DRAIN. PROPOSED FRENCH DRAIN DEPTHS ARE 15'.

522-1 THRU 522-2 INCLUDES THE COST OF REPLACING/RESTORING ALL UTILITY VALVE BOXES/METER BOXES NOT IDENTIFIED AS NEEDING ADJUSTMENT THAT ARE DAMAGED/TEMPORARILY REMOVED DURING THE CONSTRUCTION OF THE PROPOSED CONCRETE SIDEWALK.

INCLUDES THE COST OF PEDESTRIAN RAMPS, CONCRETE DRIVEWAYS, CONTROL JOINTS, EXPANSION JOINTS, AND DETECTABLE WARNING SURFACES. THE CAST-IN-PLACE YELLOW COLORED DETECTABLE WARNING SURFACES SHALL BE ARMOR-TILE OR APPROVED EQUAL THAT CAN BE SET DIRECTLY ONTO NEWLY POURED CONCRETE.

INCLUDES THE COST OF TEMPORARY REMOVAL AND RESTORATION OF EXISTING FENCING IMPACTED BY SIDEWALK RECONSTRUCTION ACTIVITIES.

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY
101-1	MOBILIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
104-10-3	SEDIMENT BARRIER	LF	1121
104-18	INLET PROTECTION SYSTEM	EA	17
110-1-1	CLEARING & GRUBBING	AC	0.6
110-15	ARBORIST WORK	LS	1
	ROOT PRUNING	LF	105
110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	240
120-1	REGULAR EXCAVATION	CY	1994
160-4	TYPE B STABILIZATION	SY	1972
285-704	OPTIONAL BASE, BASE GROUP 04	SY	667
285-706	OPTIONAL BASE, BASE GROUP 06	SY	1544
327-70-1	MILLING (1")	SY	412
334-1-11	SUPERPAVE ASPHALTIC CONC, TRAFFIC A, (SP-9.5), (1")	TN	111
337-7-80	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-9.5, PG 76-22 (1")	TN	88
425-1-713	CITY OF MIAMI INLETS TYPE "V" <10' J-BOTTOM	EA	4
425-1-714	CITY OF MIAMI INLETS TYPE "V" > 10' J-BOTTOM	EA	2
425-1-719	FDOT INLETS, GUTTER, TYPE V, MODIFY	EA	3
425-5	MANHOLE, ADJUST	EA	4
430-174-115	PIPE CULV, OPT MATL, ROUND, 15" SD	LF	141
430-174-124	PIPE CULV, OPT MATL, ROUND, 24" SD	LF	10
443-70-4	FRENCH DRAIN, 24"	LF	403
520-1-10	CONCRETE CURB, TYPE F	LF	297
520-2-4	CONCRETE CURB, TYPE D	LF	159
520-3	CONCRETE DROP CURB	LF	864
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	SY	130
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	SY	160
570-1-2	PERFORMANCE TURF, SOD	SY	190
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	AS	4
700-1-60	SINGLE POST SIGN REMOVE	AS	3
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	12
711-12-221	THERMOPLASTIC, YELLOW, SOLID, 6"	LF	266
711-14-123	THERMOPLASTIC, PREFORM, WHITE SOLID, 12"	LF	234
711-14-125	THERMOPLASTIC, PREFORM, WHITE SOLID, 24"	LF	39
710-11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 12"	LF	234
710-11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 24"	LF	39
710-11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	0.051

CITY OF MIAMI
FLORIDA
CAPITAL IMPROVEMENTS
& TRANSPORTATION
DEPARTMENT



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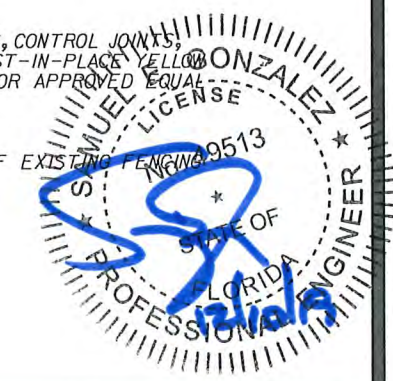
CITY OF MIAMI
NW 32ND STREET
IMPROVEMENTS PROJECT
SUMMARY OF QUANTITIES

DATE: 04/01/16
DESIGN: S.G.
DRAWN: O.R.
CHECKED: L.M.
REVISIONS:
1 RESPONSE TO ITB 19-20-009 ADDENDUM #1

JOB No. B-30723
FILE:
SEAL

Samuel E. Gonzalez P.E.
F.L. Reg. No. 49513

HORIZONTAL SCALE: N/A
VERTICAL SCALE: N/A
SHEET No. 8



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RS&H, Inc.
6303 Blue Lagoon Drive, Suite 325
Miami, Florida 33126

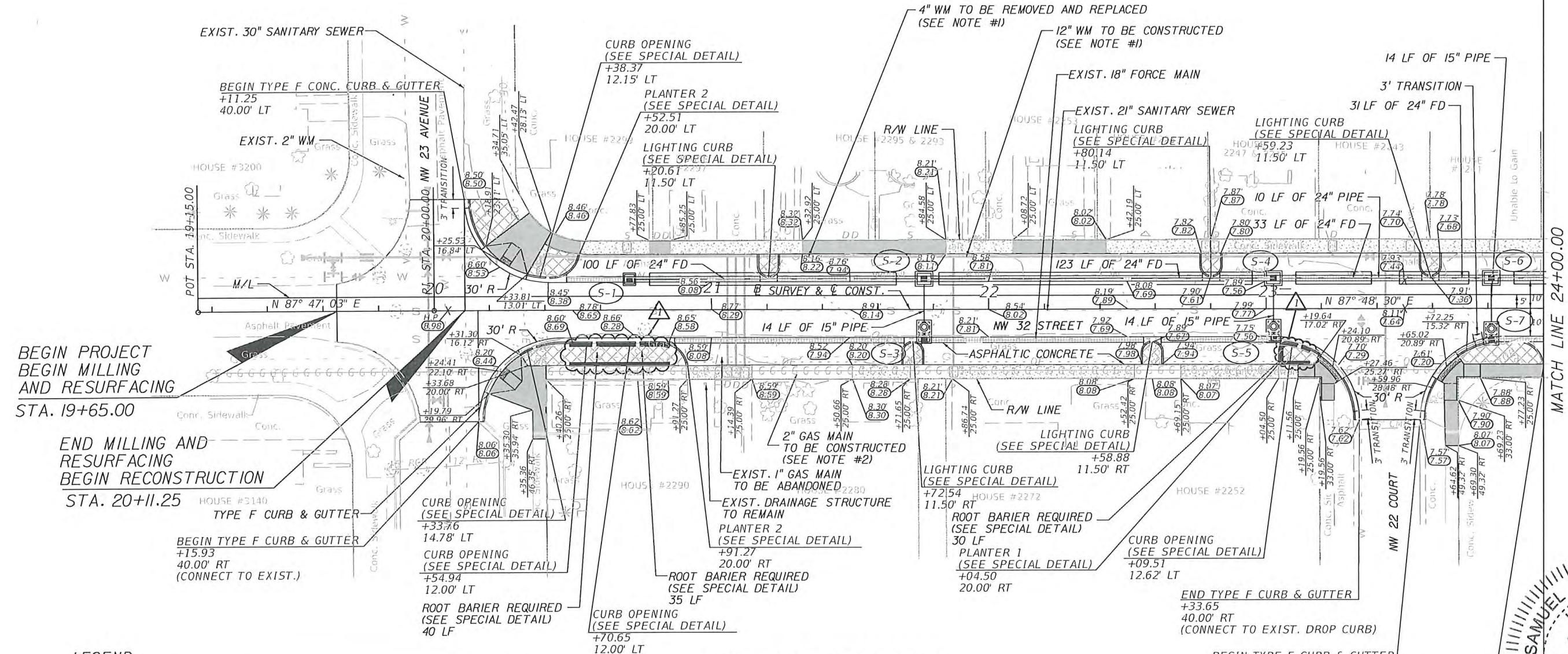
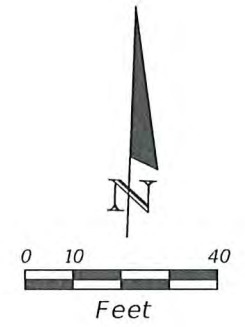
CITY OF MIAMI
NW 32ND STREET
IMPROVEMENTS PROJECT
ROADWAY PLANS

DATE: 04/01/16
DESIGN: S.G./R.C.
DRAWN: O.R./R.C.
CHECKED: L.M./A.C.
REVISIONS:

RESPONSE TO ITB
19-20-003, ADDENDUM #1

VOB No. 180724
FILE:
S&H

Samuel E. Gonzalez, P.E.
F.L. Reg. No. 49513
HORIZONTAL SCALE:
1" = 40'
VERTICAL SCALE:
N/A
SHEET No. 10



BEGIN PROJECT
BEGIN MILLING
AND RESURFACING
STA. 19+65.00

END MILLING AND
RESURFACING
BEGIN RECONSTRUCTION
STA. 20+11.25

MATCH LINE 24+00.00

LEGEND

- MILLING AND RESURFACING
- CONCRETE DROP CURB
- REGRADE AND SOD
- CONST. 6" CONCRETE SIDEWALK / DRIVEWAY (PROVIDE A 2% CROSS-SLOPE FOR SIDEWALK)
- CONST. 4" CONCRETE SIDEWALK (SHALL MEET ADA REQUIREMENTS BY PROVIDING A MAXIMUM 2% CROSS SLOPE)
- X.XX' EXISTING
- (X.XX') PROPOSED ELEVATION
- ROOT PRUNING

SIDEWALK RECONSTRUCTION TABLE

STATION		SIDE	SQ YD TO BE PAID BY	
BEG	END		CITY	WASD
20+19.79	20+40.26	RT	34.53	
20+87.21	20+14.39	RT	12.57	
21+50.68	20+71.65	RT	11.41	
21+86.74	22+52.42	RT	35.48	
22+69.15	23+05.00	RT	19.05	
23+11.56	23+19.56	RT	12.59	
23+59.96	23+99.53	RT	39.98	
20+18.91	20+42.47	LT	29.23	
20+42.47	24+00.00	LT		143.63

NOTE

1. 12" WM TO BE CONSTRUCTED UNDER THE JPA PROJECT. REFER TO MIAMI DADE WATER AND SEWER DEPARTMENT PCTS NO 14924 / ER NO. W017041 / 12"WM PROJ
2. 2" GAS MAIN TO BE CONSTRUCTED BY OTHERS



12/01/2016 2:35:22 PM X:\V\1000003.MX25T\ roadway\LAIRDD01.DGN