SECTION NO: 86010000
S.R. NO.(S): 5 (US-1)
COUNTY: Broward
FM NO.(S): 441582-1-52-01
and 439991-1-52-01

DISTRICT FOUR (4) AMENDMENT NUMBER TWELVE (12) TO STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION LANDSCAPE INCLUSIVE MAINTENANCE MEMORANDUM OF AGREEMENT

THIS AMENDMENT Number **Twelve (12)** to the Agreement dated **February 26, 2013** made and entered into this _____ day of _____ 20_____ by and between the State of Florida Department of Transportation hereinafter called the DEPARTMENT and the **CITY OF HOLLYWOOD**, a municipal subdivision of the State of Florida, hereinafter called the AGENCY.

W I T H N E S S E T H

WHEREAS, the parties entered into the Landscape Inclusive Maintenance of Agreement dated, **February 26, 2013** for the purpose of maintaining the landscape improvements by the AGENCY on various roads including **State Road 5 (US 1)**; and,

WHEREAS, the DEPARTMENT and the AGENCY have agreed to add additional landscape to be installed on **State Road 5 (US 1)** in accordance with the above referenced Agreement; and,

NOW THEREFORE, for and in consideration of mutual benefits that flow each to the other, the parties covenant and agree as follows:

1. Pursuant to page 5, paragraph 7 of the Landscape Inclusive Maintenance Memorandum of Agreement dated **February 26, 2013**, the **DEPARTMENT** has decided to construct additional landscape improvements or to modify an improvement located as indicated in **Exhibit "A"**, State Road 5 (US 1) from Pembroke Road (M.P. 1.53) to Sheridan Street (M.P. 4.15), City of Hollywood. The Landscape Improvements include tree grates, patterned pavement crosswalks and sidewalk pavers in accordance with the plans attached as **Exhibit "B".**

2. Pursuant to page 3, paragraph 3 of the Landscape Inclusive Maintenance Memorandum of Agreement dated **February 26, 2013**, the **DEPARTMENT** shall agree to install the improvements in accordance with the plans attached as **Exhibit "B".**

3. The **AGENCY** agrees to maintain the additional landscape improvements described above in accordance with **"Exhibit E"** of the original Inclusive Agreement.

4. The **AGENCY** agrees to maintain the patterned pavement in accordance with the attached Patterned Pavement Maintenance, **"Exhibit D"**, which shall replace Exhibit H

of the original Inclusive Agreement. This new exhibit shall be used to maintain all patterned pavement under the Inclusive Landscape Maintenance Agreement.

5. The **DEPARTMENT** agrees to enter into a contract to have installed said landscape improvements for an amount as indicated in **Exhibit "C",** not to exceed **$459,134.00**.

Except as modified by this Amendment, all terms and conditions of the original Agreement and all Amendments thereto shall remain in full force and effect.

LIST OF EXHIBITS

Exhibit A - Landscape Improvements Maintenance Map
Exhibit B - Landscape Improvement Plans
Exhibit C - Cost Estimate
Exhibit D - Patterned Pavement Maintenance

IN WITNESS WHEREOF, the parties hereto have executed this Agreement effective the ____ day _____ year written and approved.

CITY OF HOLLYWOOD

CITY OF HOLLYWOOD, a municipal corporation of the State of Florida

ATTEST:

By: _____
JOSH LEVY, MAYOR

_____
PATRICIA A. CERNY, MMC
CITY CLERK

Date: _____

APPROVED AS TO FORM & LEGAL SUFFICIENCY for the use and reliance of the City of Hollywood, Florida, only.

Approved by: _____
DAVID KELLER, INTERIM
FINANCE DIRECTOR

_____
DOUGLAS R. GONZALES,
CITY ATTORNEY

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

By:_____
Transportation Development Director

Attest: _____ (SEAL)
Executive Secretary

Legal Review Date
_____
Office of the General Counsel

SECTION NO: 86010000
S.R. NO.(S): 5 (US-1)
COUNTY: Broward
FM NO.(S): 441582-1-52-01
and 439991-1-52-01

EXHIBIT A

LANDSCAPE IMPROVEMENTS MAINTENANCE BOUNDARIES

I. INCLUSIVE LIMITS OF LANDSCAPE IMPROVEMENTS MAINTENANCE FOR STATE ROAD 5 (US 1):

Section 86010000
(State Road 824/Pembroke Road) M.P. 1.526 to (SR 822/ Sheridan Street) M.P. 4.156

II. LIMITS OF LANDSCAPE IMPROVEMENTS MAINTENANCE FOR THIS PROJECT:

State Road 5 (US 1) from Pembroke Road (M.P. 1.53) to Sheridan Street (M.P. 4.15), City of Hollywood**.**

III. LANDSCAPE PROJECT MAINTENANCE BOUNDARIES MAP FOR THIS PROJECT:

Please See Attached

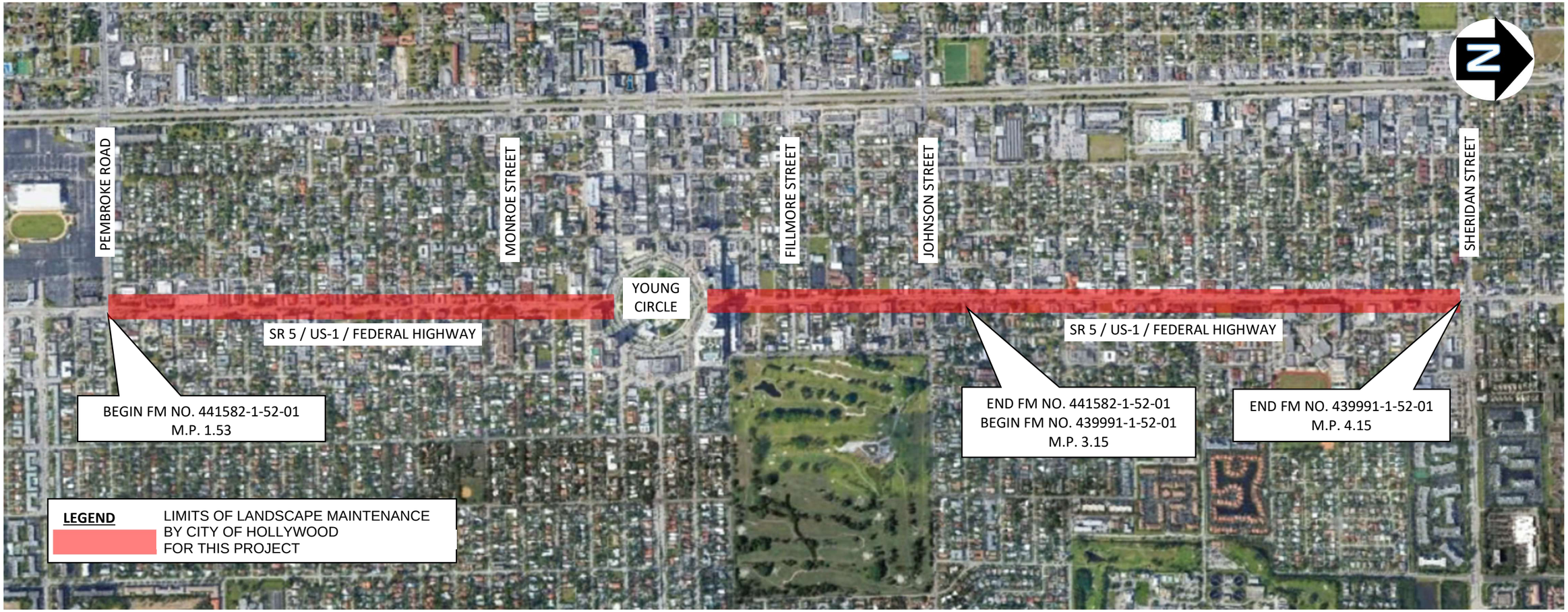
**All limits of the original agreement and amendments shall apply*

LANDSCAPE IMPROVEMENTS MAINTENANCE MAP

CITY OF HOLLYWOOD

FM Nos. 441582-1-52-01 and 439991-1-52-01

April 19, 2021



SECTION NO: 86010000
S.R. NO.(S): 5 (US-1)
COUNTY: Broward
FM NO.(S): 441582-1-52-01
and 439991-1-52-01

EXHIBIT B

LANDSCAPE IMPROVEMENT PLANS

The DEPARTMENT agrees to install the landscape improvements in accordance with the plans and specifications attached hereto and incorporated herein.

Please see attached plans prepared by: **Frank Panellas, PE**
Trace Consultants, Inc.

And

Cheryl Callendar, LA
Wantman Group Inc.

Date: August 3, 2021 (Biddability)

COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
SIGNALIZATION PLANS
LIGHTING PLANS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID(s): 441582-1-52-01 & 441582-1-52-02

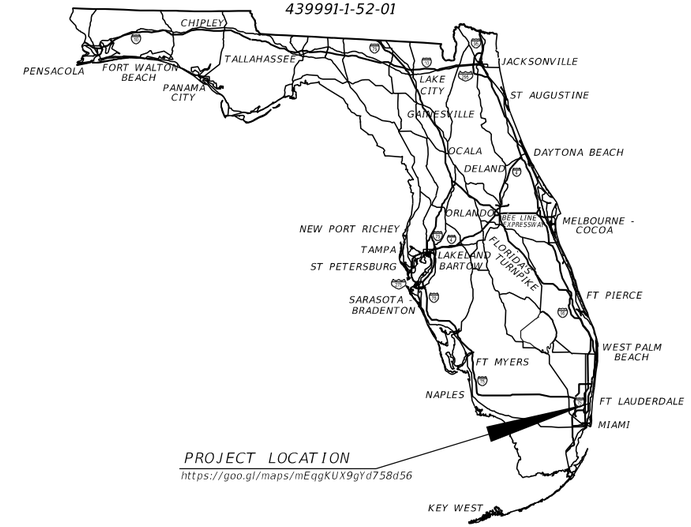
(FEDERAL FUNDS)

BROWARD COUNTY (86010)

STATE ROAD NO. 5 (US-1/FEDERAL HIGHWAY)

FROM SR 824/PEMBROKE RD TO JOHNSON ST

THIS PROJECT TO BE LET TO CONTRACT
WITH FINANCIAL PROJECT ID(S):
439991-1-52-01



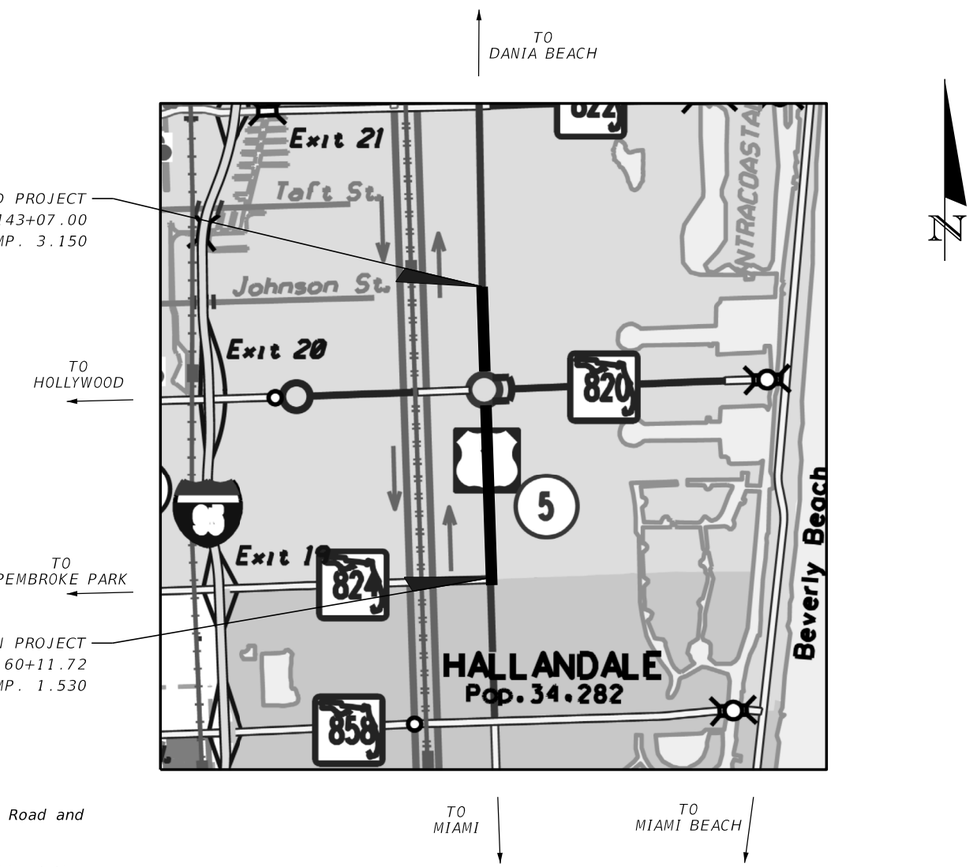
INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
2A	NOTES TO REVIEWER
~~3 - 4~~	~~TYPICAL SECTIONS~~
~~5~~	~~TYPICAL SECTION DETAILS~~
~~6~~	~~PROJECT CONTROL~~
~~7~~	~~GENERAL NOTES~~
8 - 19	ROADWAY PLAN
20 - 22	SPECIAL DETAILS
~~23 - 27~~	~~TEMPORARY TRAFFIC CONTROL PLANS~~
28 - 39	SELECTIVE CLEARING AND GRUBBING PLAN
40 - 43	TREE DISPOSITION CHART
~~UTV-1*~~	~~UTILITY VERIFIED LOCATES~~

* These sheets are included in the Index of Roadway Plans only to indicate that it is part of the Roadway Plans. This sheets are contained in a separate digitally signed and sealed document.

END PROJECT
STA. 143+07.00
MP. 3.150

BEGIN PROJECT
STA. 60+11.72
MP. 1.530



GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2021-22 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: http://www.fdot.gov/design/standardplans

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, January 2022 Standard Specifications for Road and Bridge Construction at the following website: http://www.fdot.gov/programmanagement/Implemented/SpecBooks

ROADWAY PLANS
ENGINEER OF RECORD:

FRANK PANELLAS, P.E.
P.E. LICENSE NUMBER 59448
TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B,
MIAMI, FLORIDA 33186
786-808-0090
CONTRACT NO. C-9R79
VENDOR #F455418595

FDOT PROJECT MANAGER:

VANDANA NAGOLE, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
T4611	22	1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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FRANK PANELLAS
LICENSE
No 59448
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B.
MIAMI, FLORIDA 33186
FRANK PANELLAS, P.E. 59448

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3 - 4	TYPICAL SECTION
5	TYPICAL SECTION DETAILS
6	PROJECT CONTROL
7	GENERAL NOTES
8 - 19	ROADWAY PLAN
20 - 22	SPECIAL DETAILS

ALEJANDRO URIBE
LICENSE
No 75596
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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ON THE DATE ADJACENT TO THE SEAL

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GANNETT FLEMING, INC.
800 NW 62 AVENUE, SUITE 490
MAIMI, FLORIDA 33126
ALEJADRO URIBE, P.E. 75596

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
2	SIGNAUTRE SHEET
23 - 27	TEMPORARY TRAFFIC CONTROL PLANS

CHERYL CALLENDER
LICENSE
No 6667177
STATE OF
FLORIDA
LANDSCAPE ARCHITECT

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ON THE DATE ADJACENT TO THE SEAL

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WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G10-11.011, F.A.C.

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
28 - 39	SELECTIVE CLEARING AND GRUBBING PLAN
40 - 43	TREE DISPOSITION CHART

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0090

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

SIGNATURE SHEET

SHEET NO.
2

NOTES TO REVIEWERS:

1. STAMPED ASPHALT AND PAVERS ARE STILL BEING COORDINATED WITH THE CITY OF HOLLYWOOD.

2. THIS IS NOT A RRR PROJECT. THE SCOPE OF THIS PROJECT INCLUDES:

   - MILLING AND RESURFACING OF FRICTION COURSE TO PROVIDE A DESIGNATED 4' BICYCLE LANE ALONG EACH DIRECTION OF SR-5 (REQUIRES REDUCING INSIDE LANE FROM 11' TO 10' WITH A DESIGN VARIATION).
   - CORRECTION OF SECTIONS OF SIDEWALK LIFTED BY EXISTING ROOTS. INCLUDES ROOT PRUNING AS PREFERRED ALTERNATIVE.
   - INSTALLATION OF ADA COMPLIANT TREE GRATES ALONG THE CORRIDOR FOR EXISTING TREE LOCATIONS AND AT LOCATIONS IDENTIFIED FOR FUTURE TREE PLANTING, LOCATION OF TREE GRATES FOR FUTURE PLANTING HAVE NOT BEEN FINALIZED YET.
   - REPLACEMENT OF EXISTING CONCRETE PAVER CROSSWALKS AT SIGNALIZED INTERSECTIONS WITH CONSISTENT DECORATIVE CROSSWALK TREATMENT FOR ALL APPROACHES.
   - REPLACEMENT OF SECTIONS OF SIDEWALK AND UPGRADES OF CURB RAMPS FOR ADA COMPLIANCE.
   - UPGRADE OF PEDESTRIAN PUSH BUTTONS TO COMPLY WITH ADA.
   - REPLACEMENT OF EXISTING LIGHTING WITH LED FIXTURES.
   - LIGHTING RETROFIT AT SIGNALIZED INTERSECTIONS.
   - ADDITION OF PEDESTRIAN LEVEL LIGHTING TO SUPPLEMENT EXISTING SYSTEM.

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1"=50'

BEGIN PROJECT
STA. 60+11.72

PEMBROKE RD

R/W LINE

BEGIN MILLING AND
RESURFACING
STA. 60+57.49

Stamped Asphalt
Crosswalk, Typ.

STA. +80.18
60.76' LT.
STA. +75.18
61.67' LT.

R/W LINE

LIMITS OF CONSTRUCTION
STA. 63+55.11
58.66' LT

END SIDEWALK
END C&G TYPE F
MATCH EXIST.
PT STA. +36.44
58.71' LT.

BEGIN SIDEWALK
BEGIN C&G TYPE F
MATCH EXIST.
PC STA. +09.75
41.29' LT.

FLETCHER ST

R/W LINE

EXIST. PAVERS TO
REMAIN

BEGIN SIDEWALK
BEGIN C&G TYPE F
MATCH EXIST.
PC STA. +73.76
58.33' LT.

COR. +79.97
44.21' LT.

END SIDEWALK
END C&G TYPE F
MATCH EXIST.
STA. 64+30.74
PT STA. +94.34
37.97' LT.

CR-C
21' R
23' R
24' R

STA. +28.94
46.42' LT.

PC STA. +84.84
38.21' LT.
PT STA. +97.23
34.89' LT.

STA. +30.73
34.80'LT

58 59 60 61 62 63 64

SR 5/US-1/S FEDERAL HWY

℄ SURVEY SR-5

MATCH LINE STA. 64+40.00

POT STA. +22.28

TH-01

R/W LINE

STA. +02.40
STA. +97.40
STA. +47.60
STA. +42.61

+24.26
+29.25

COR. +39.29
43.54' RT.

BEGIN SIDEWALK
MATCH EXIST.
STA. +12.26

BEGIN C&G TYPE F
MATCH EXIST.
STA. 63+19.88

END SIDEWALK
END C&G TYPE F
MATCH EXIST.
STA. +42.69

LIMITS OF CONSTRUCTION
STA. 63+42.69
63.98' RT

COR. +82.60
45.04' RT.

END
SIDEWALK
END C&G
TYPE F
MATCH EXIST.
STA. 64+01.21

STA. +85.97
55.34' RT.

BEGIN SIDEWALK
BEGIN C&G TYPE F
MATCH EXIST.
STA. 63+79.14

EXIST. PAVERS
TO REMAIN

MOFFETT ST

R/W LINE

R/W LINE

LEGEND:

- MILLING AND RESURFACING
- STAMPED ASPHALT*
- 6" THICK SIDEWALK
- 4" THICK SIDEWALK
- DETECTABLE WARNINGS
- WIDENING
- (FDOT) SANITARY MANHOLE TO BE ADJUSTED BY THE CONTRACTOR

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

ROADWAY PLAN

SHEET NO.
8

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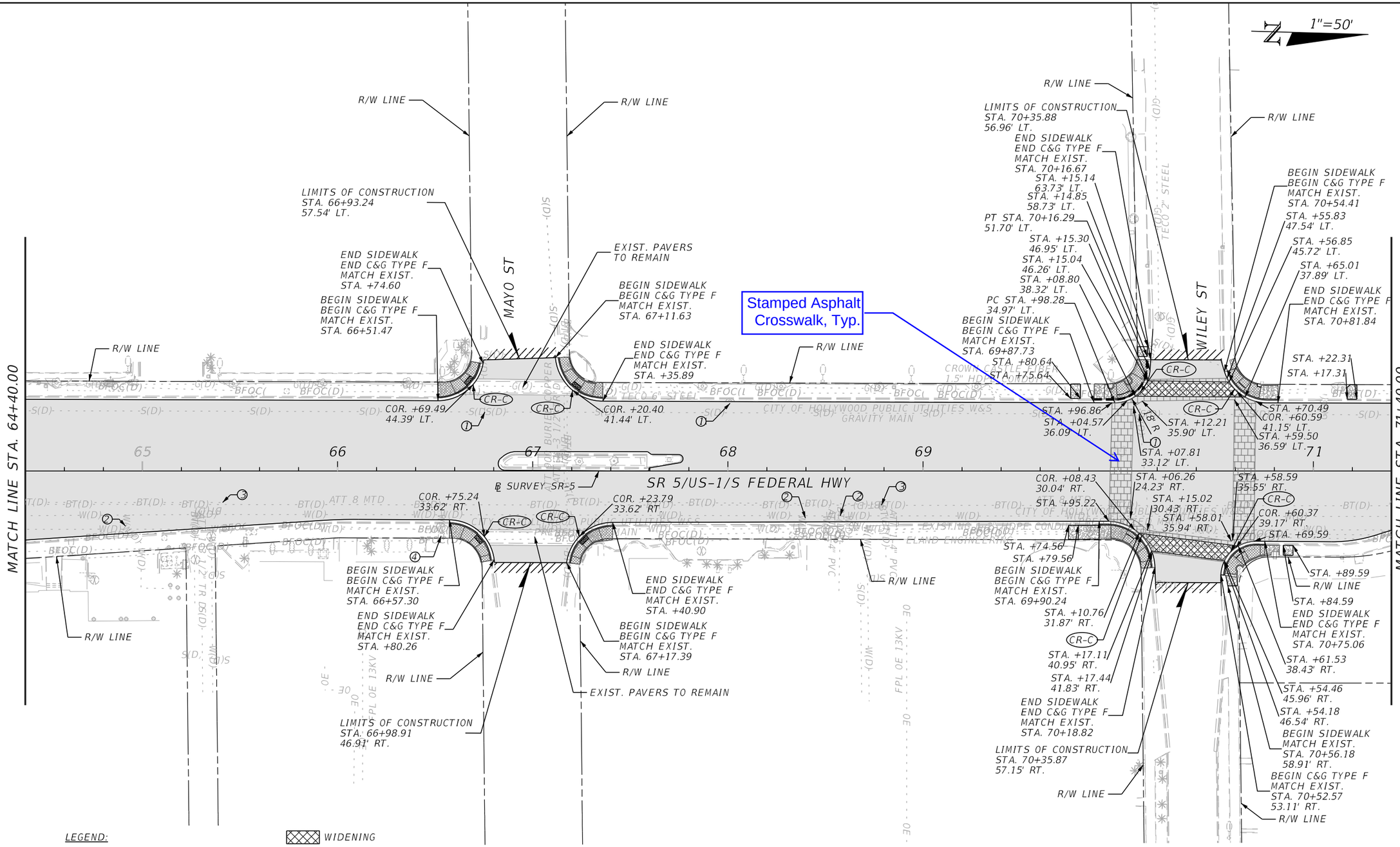

LEGEND:

- MILLING AND RESURFACING
- STAMPED ASPHALT*
- 6" THICK SIDEWALK
- 4" THICK SIDEWALK
- DETECTABLE WARNINGS
- WIDENING

① (FDOT) SANITARY MANHOLE TO BE ADJUSTED BY THE CONTRACTOR

② CITY OF HOLLYWOOD WATER VALVE TO BE ADJUSTED BY THE CONTRACTOR

③ COMMUNICATION MANHOLE TO BE ADJUSTED BY AT&T

NOTE:

* AT CROSSWALKS WITHIN SIGNALIZED INTERSECTIONS WITH EXISTING PAVERS, REMOVE EXISTING PAVERS AND REPLACE WITH PARTIAL RECONSTRUCTION PRIOR TO INSTALLATION OF STAMPED ASPHALT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

ROADWAY PLAN

SHEET NO. 9

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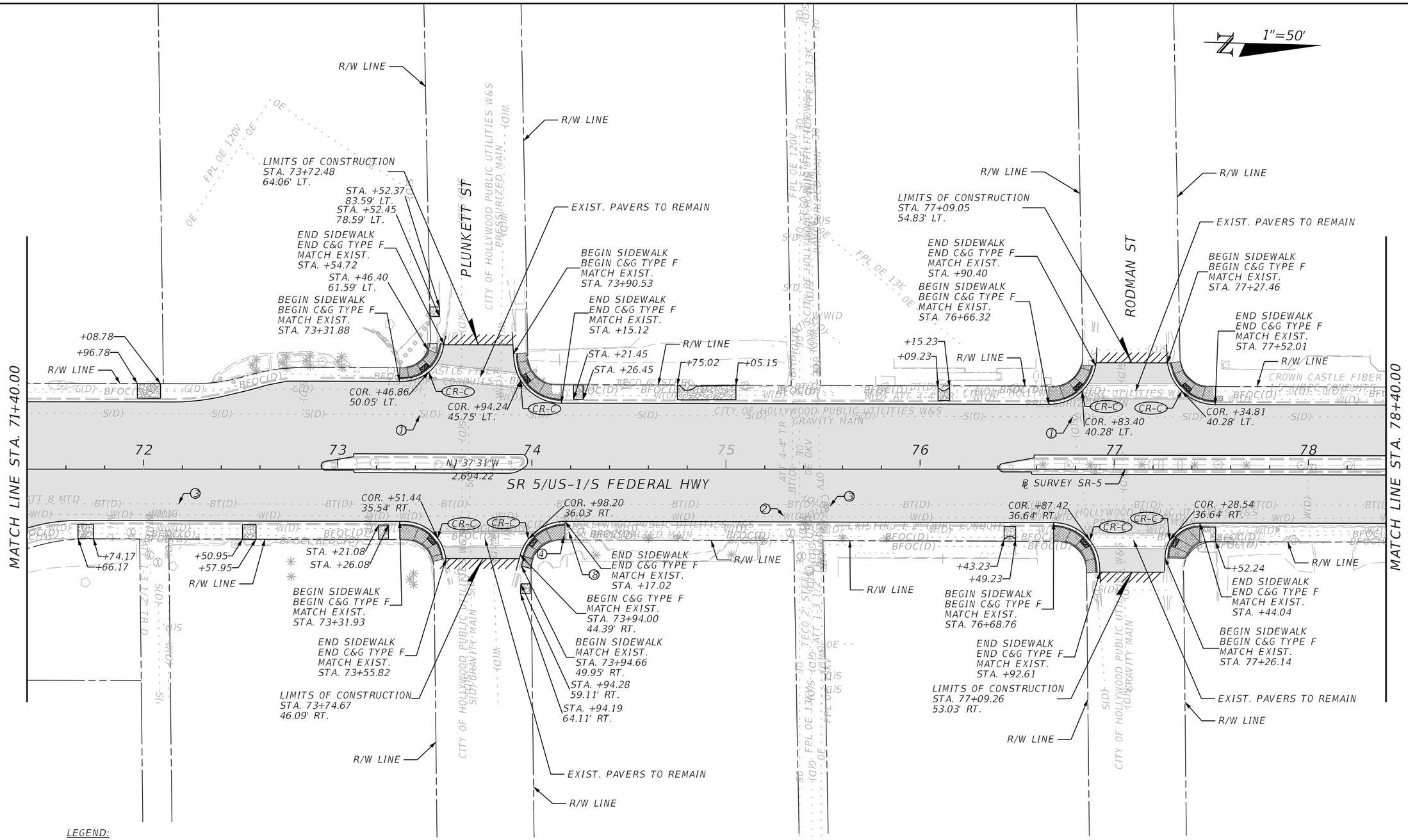

LEGEND:

- MILLING AND RESURFACING
- 6" THICK SIDEWALK
- 4" THICK SIDEWALK
- DETECTABLE WARNINGS

1. (FDOT) SANITARY MANHOLE TO BE ADJUSTED BY THE CONTRACTOR
2. CITY OF HOLLYWOOD WATER VALVE TO BE ADJUSTED BY THE CONTRACTOR
3. COMMUNICATION MANHOLE TO BE ADJUSTED BY AT&T
4. FIRE HYDRANT TO REMAIN
8. HANHOLE TO BE ADJUSTED BY MCI VERIZON

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

ROADWAY PLAN

SHEET NO. 10

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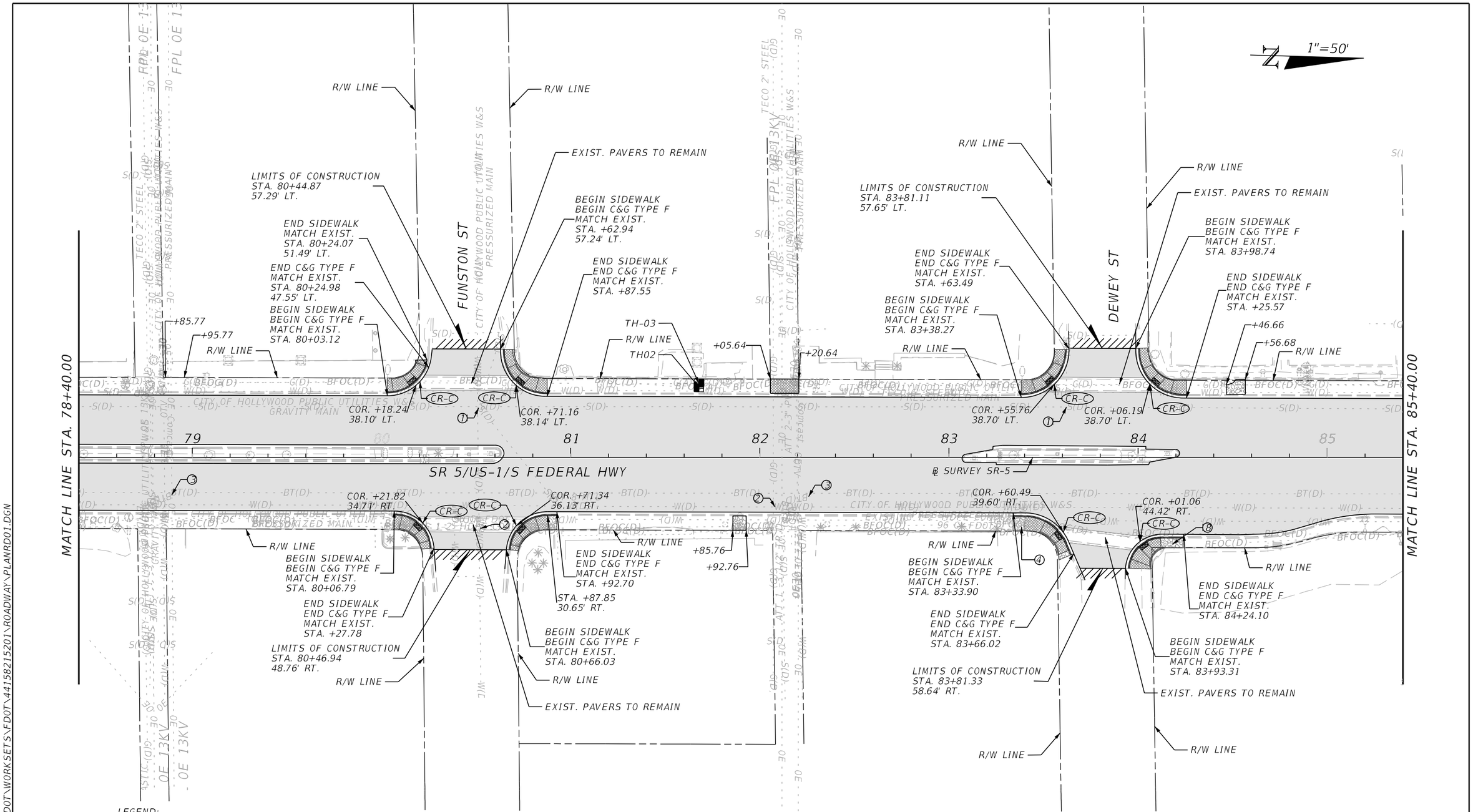

LEGEND:

- MILLING AND RESURFACING
- 6" THICK SIDEWALK
- 4" THICK SIDEWALK
- DETECTABLE WARNINGS

① (FDOT) SANITARY MANHOLE TO BE ADJUSTED BY THE CONTRACTOR

② CITY OF HOLLYWOOD WATER VALVE TO BE ADJUSTED BY THE CONTRACTOR

③ COMMUNICATION MANHOLE TO BE ADJUSTED BY AT&T

⑧ HANHOLE TO BE ADJUSTED BY MCI VERIZON

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

ROADWAY PLAN

SHEET NO. 11

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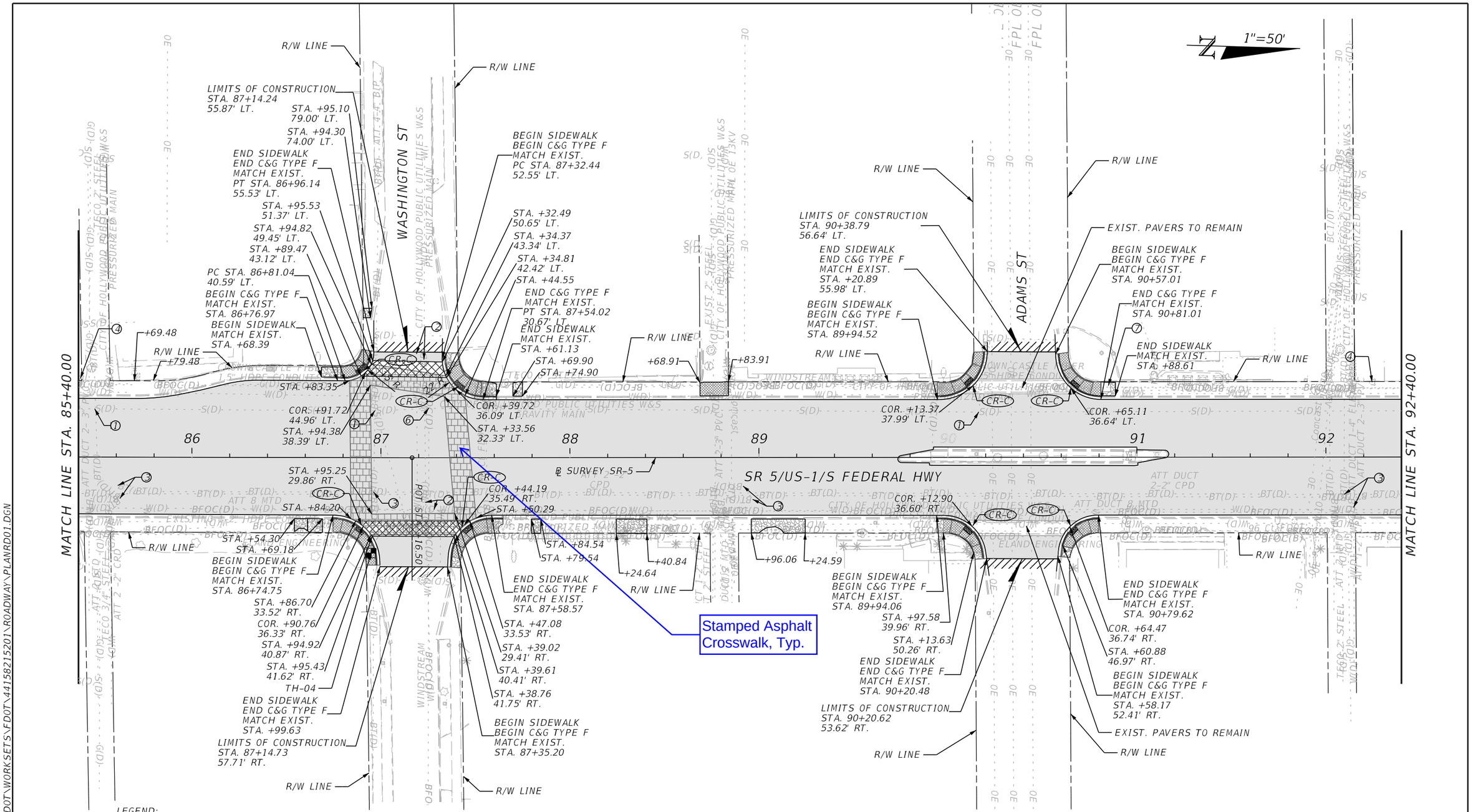

LEGEND:

- MILLING AND RESURFACING
- STAMPED ASPHALT*
- 6" THICK SIDEWALK
- DETECTABLE WARNINGS
- WIDENING
- 4" THICK SIDEWALK
- ① (FDOT) SANITARY MANHOLE TO BE ADJUSTED BY THE CONTRACTOR
- ② CITY OF HOLLYWOOD WATER VALVE TO BE ADJUSTED BY THE CONTRACTOR
- ③ COMMUNICATION MANHOLE TO BE ADJUSTED BY AT&T
- ④ FIRE HYDRANT TO REMAIN
- ⑥ COMMUNICATION MANHOLE TO BE ADJUSTED BY WINDSTREAM
- ⑦ PULL BOX TO BE REPLACED BY WINDSTREAM

NOTE:

* AT CROSSWALKS WITHIN SIGNALIZED INTERSECTIONS WITH EXISTING PAVERS, REMOVE EXISTING PAVERS AND REPLACE WITH PARTIAL RECONSTRUCTION PRIOR TO INSTALLATION OF STAMPED ASPHALT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

ROADWAY PLAN

SHEET NO. 12

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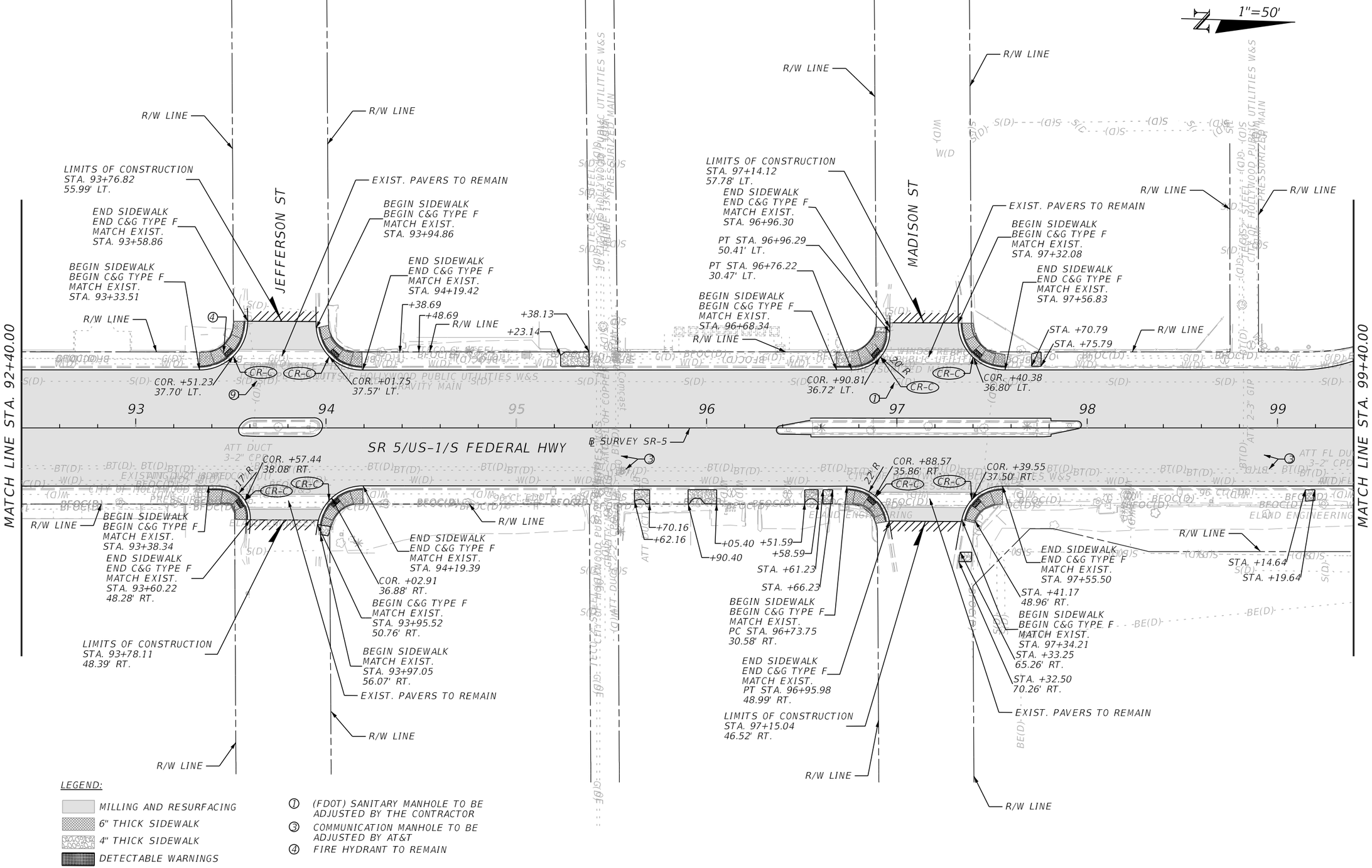

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

ROADWAY PLAN

SHEET NO. 13

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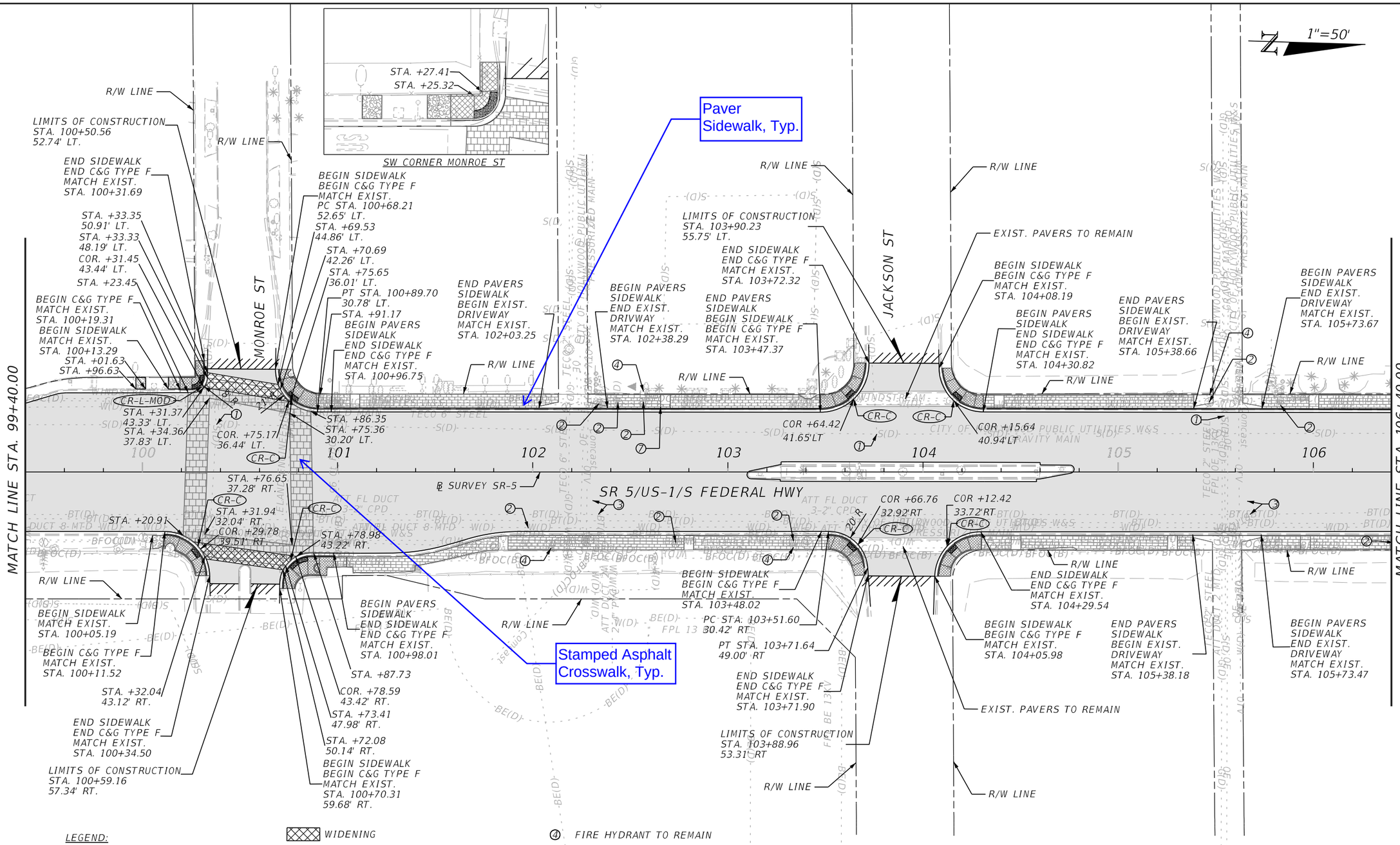

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

ROADWAY PLAN

SHEET NO. 14

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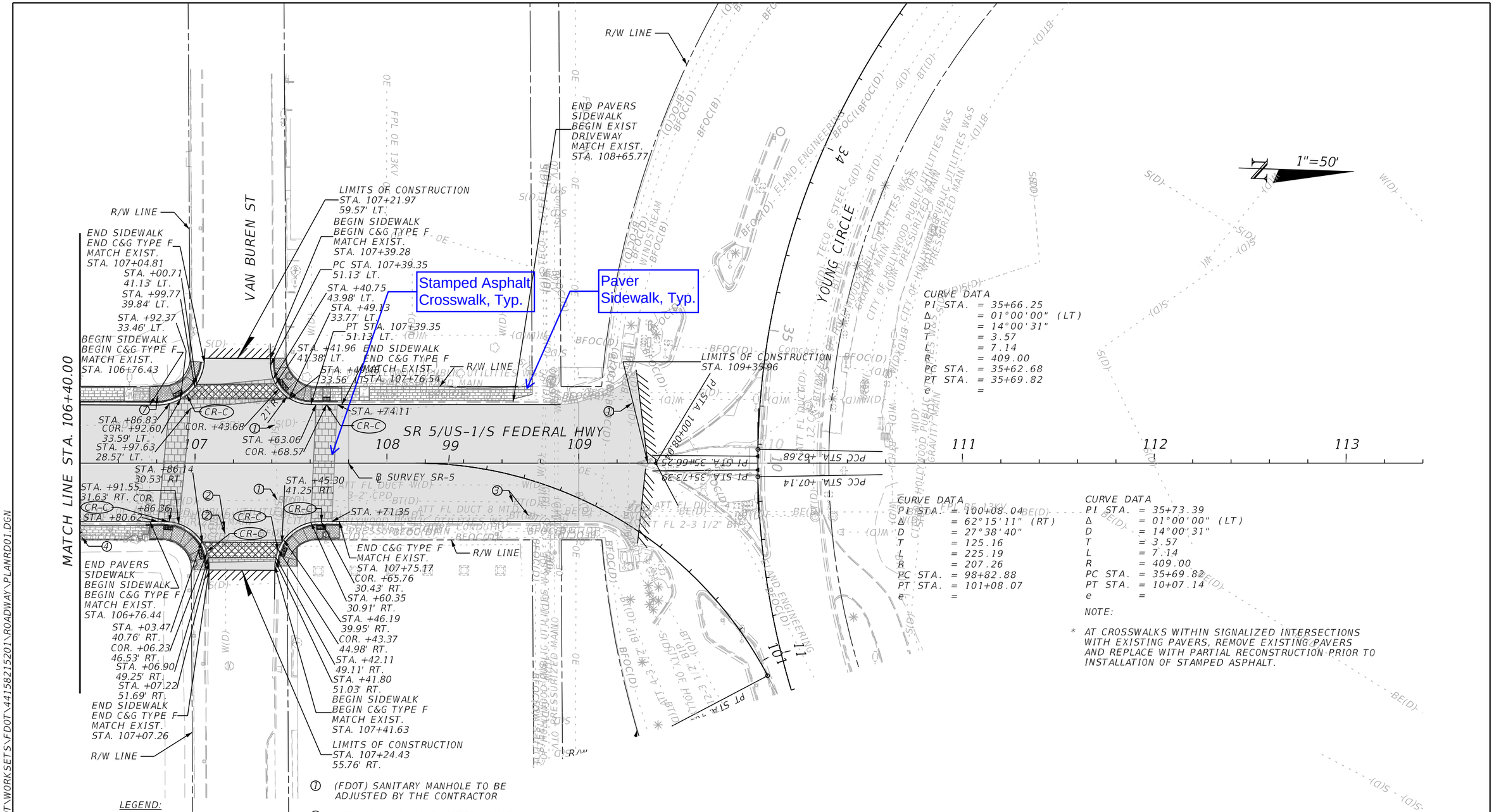

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

ROADWAY PLAN

SHEET NO. 15

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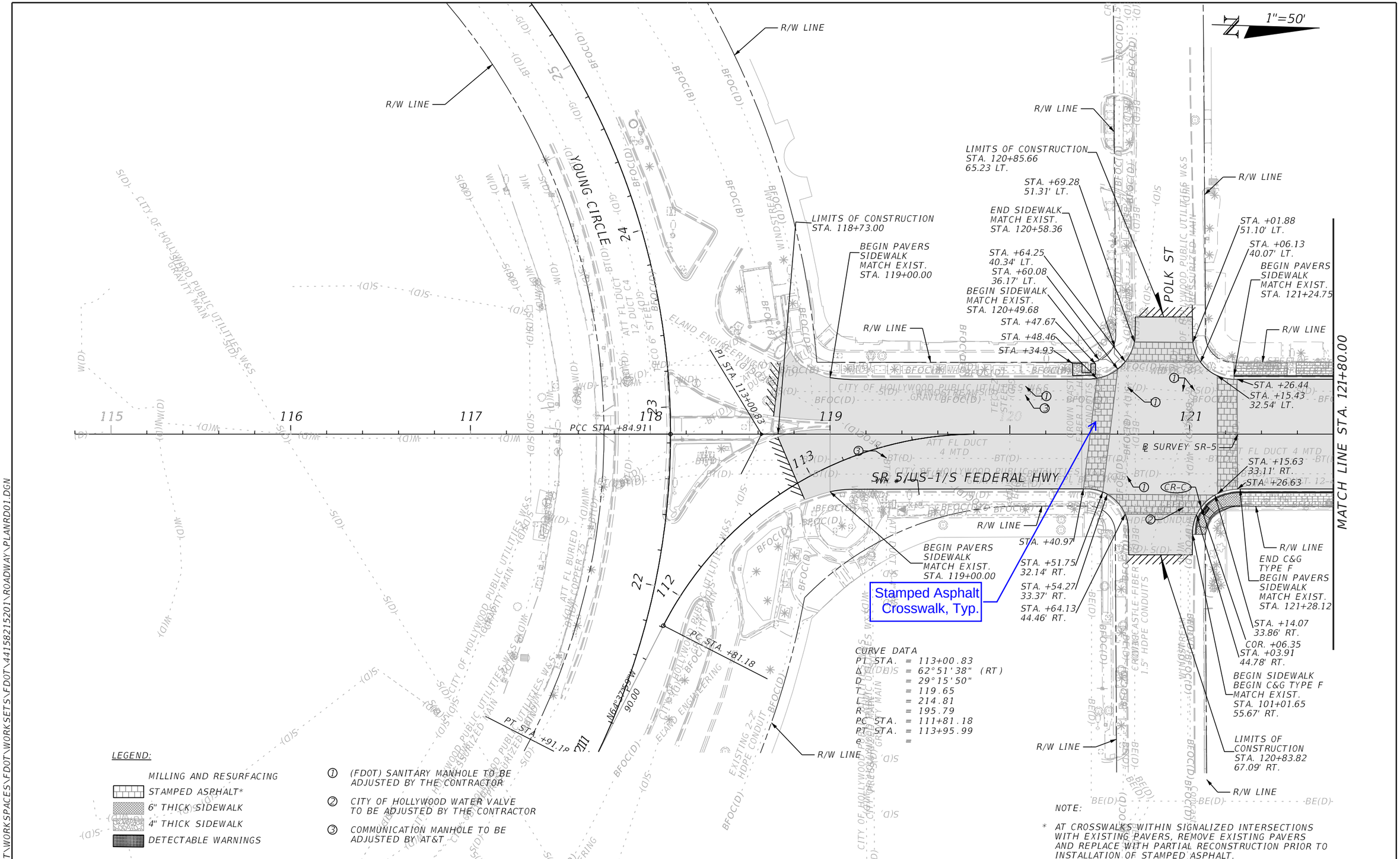

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D = 29°15'50"
T = 119.65
L = 214.81
R = 195.79
PC STA. = 111+81.18
PT STA. = 113+95.99
e =

LEGEND:

- MILLING AND RESURFACING
- STAMPED ASPHALT*
- 6" THICK SIDEWALK
- 4" THICK SIDEWALK
- DETECTABLE WARNINGS

① (FDOT) SANITARY MANHOLE TO BE ADJUSTED BY THE CONTRACTOR

② CITY OF HOLLYWOOD WATER VALVE TO BE ADJUSTED BY THE CONTRACTOR

③ COMMUNICATION MANHOLE TO BE ADJUSTED BY AT&T

NOTE:

* AT CROSSWALKS WITHIN SIGNALIZED INTERSECTIONS WITH EXISTING PAVERS, REMOVE EXISTING PAVERS AND REPLACE WITH PARTIAL RECONSTRUCTION PRIOR TO INSTALLATION OF STAMPED ASPHALT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

ROADWAY PLAN

SHEET NO. 16

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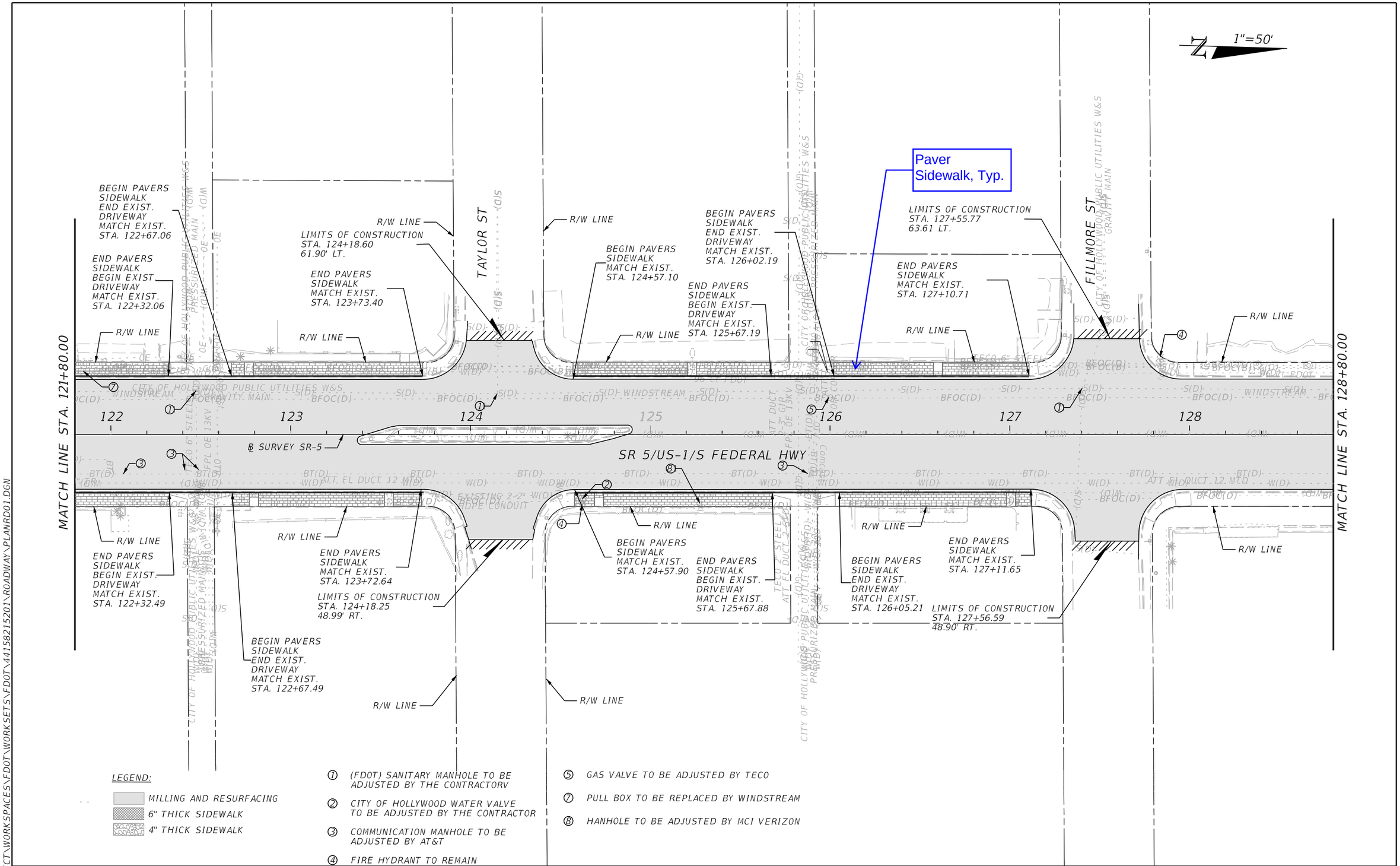

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

ROADWAY PLAN

SHEET NO. 17

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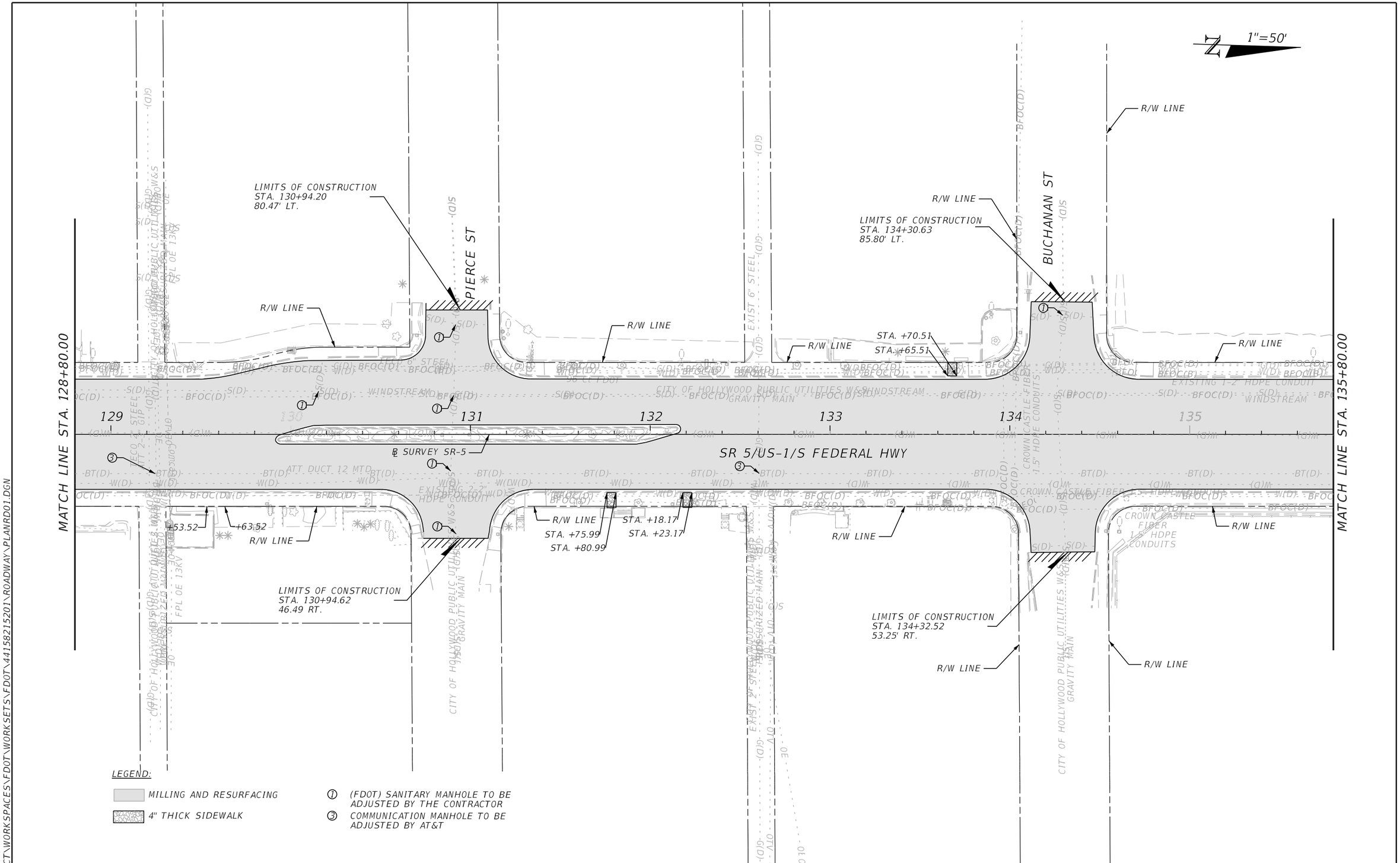

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

ROADWAY PLAN

SHEET NO. 18

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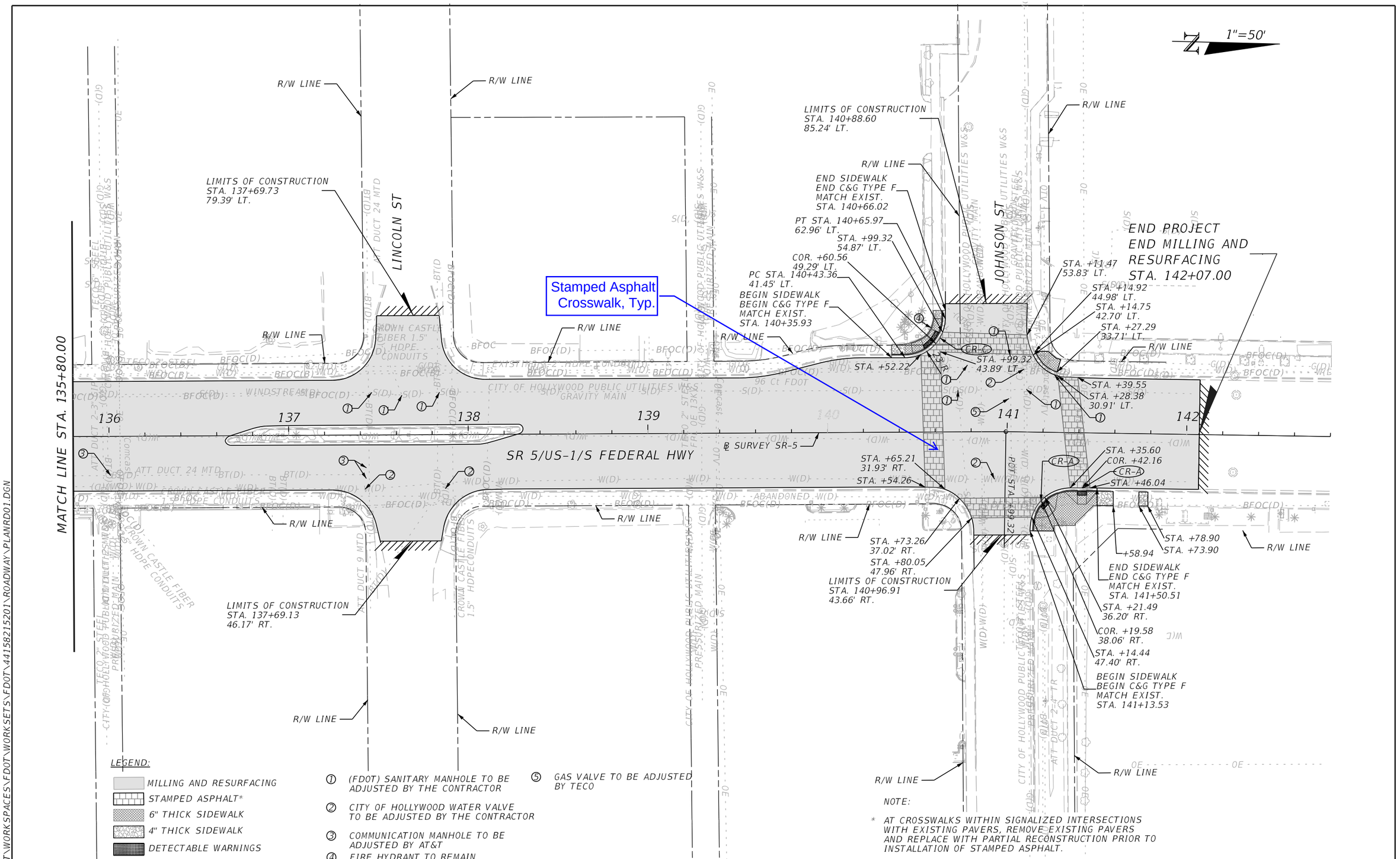

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

ROADWAY PLAN

SHEET NO. 19

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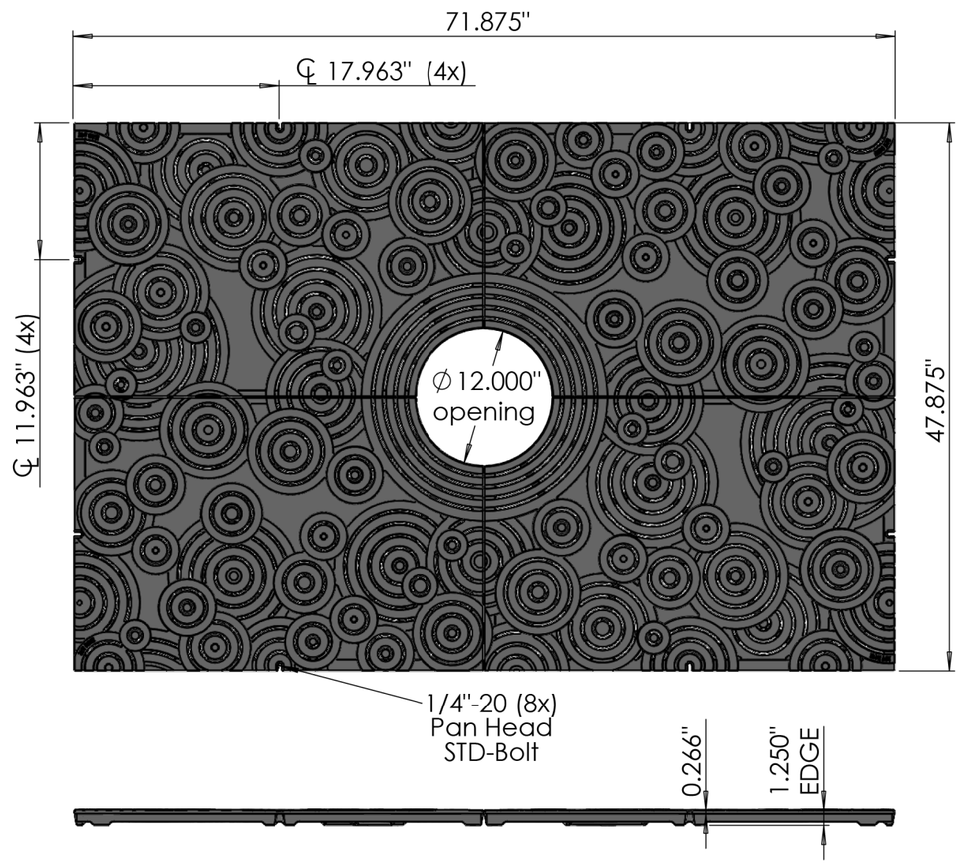
NOTES:

1. TREE GRATE SHALL BE "OBLIO 4'X6' HEEL PROOF" (PRODUCT ID OX48-72199TGHP) WITH CAST IRON/BAKE-ON OIL FINISH. REFER TO WEBSITE HTTPS://WWW.IRONAGEGRATES.COM/PRODUCT/TREE-GRATES-OBLIO/#SPECS FOR ADDITIONAL PRODUCT SPECIFICATIONS.

2. REPLACE EXISTING SIDEWALK AROUND PROPOSED TREE GRATE TO THE NEAREST JOINT TO ATTACH PROPOSED "IRON AGE TYPE 'E' TREE RATE FRAME" PER MANUFACTURER'S RECOMMENDATION. REFER TO WENSITE HTTPS://WWW.IRONAGEGRATES.COM/WP CONTENT/UPLOADS/2017/05/EFRAMEINSTALL.PDF FOR FRAME INSTALLATION DETAILS.



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

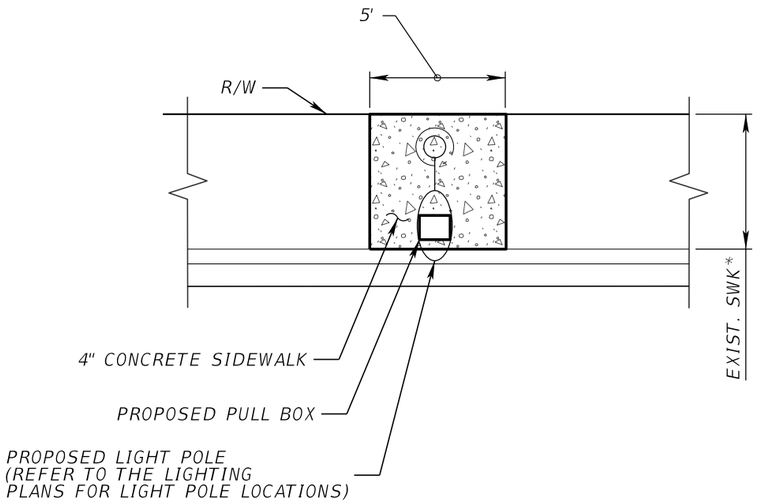
ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

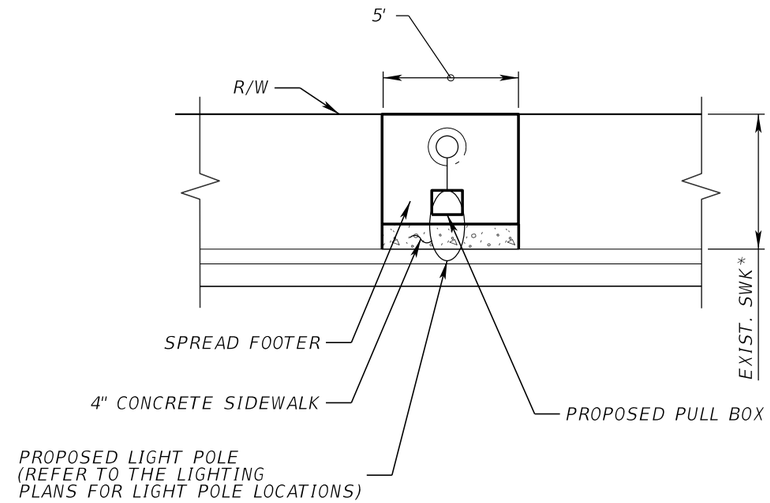
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

SPECIAL DETAIL

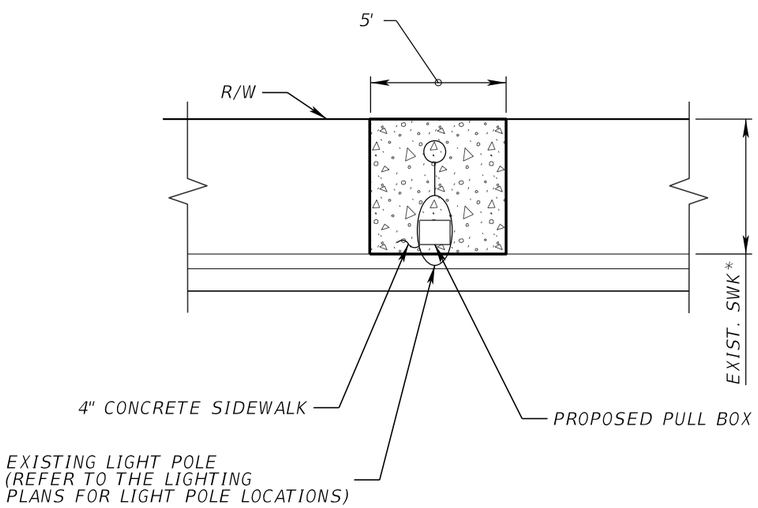
SHEET NO.
20



CONCRETE SIDEWALK RESTORATION DETAIL FOR PROPOED LIGHT POLES



SPREAD FOOTER/CONCRETE SIDEWALK RESTORATION DETAIL FOR PROPOED LIGHT POLES



CONCRETE SIDEWALK RESTORATION DETAIL

* USE SAME CONCRETE SIDEWALK RESTORATION DETAIL ON LOCATIONS OF EXISTING AND PROPOSED PAVERS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

SPECIAL DETAILS

SHEET NO. 21

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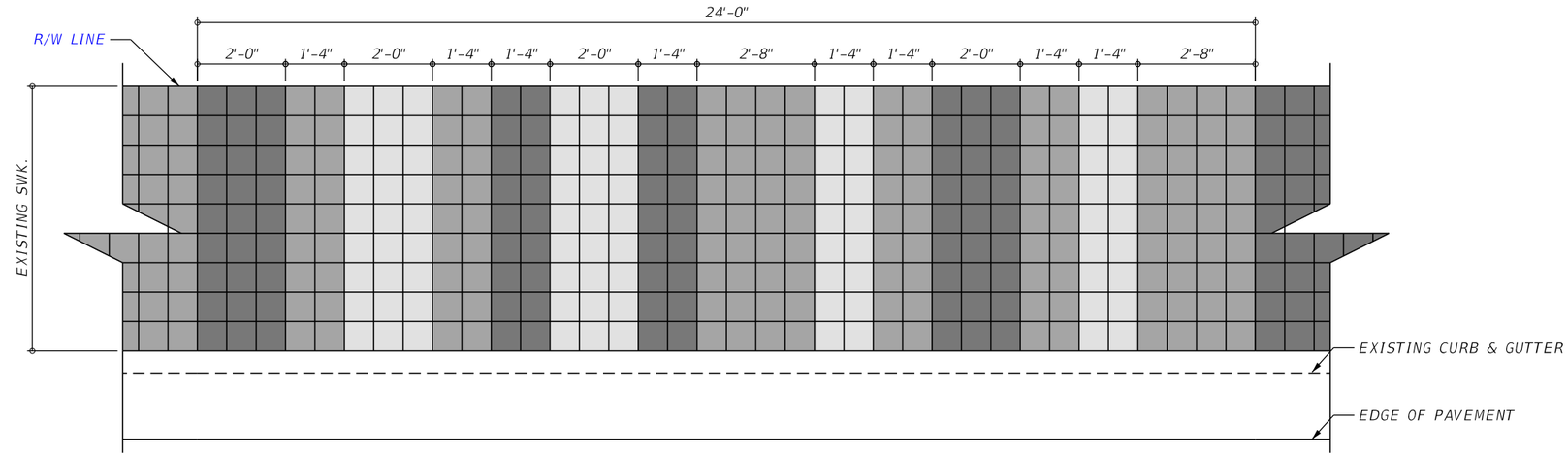
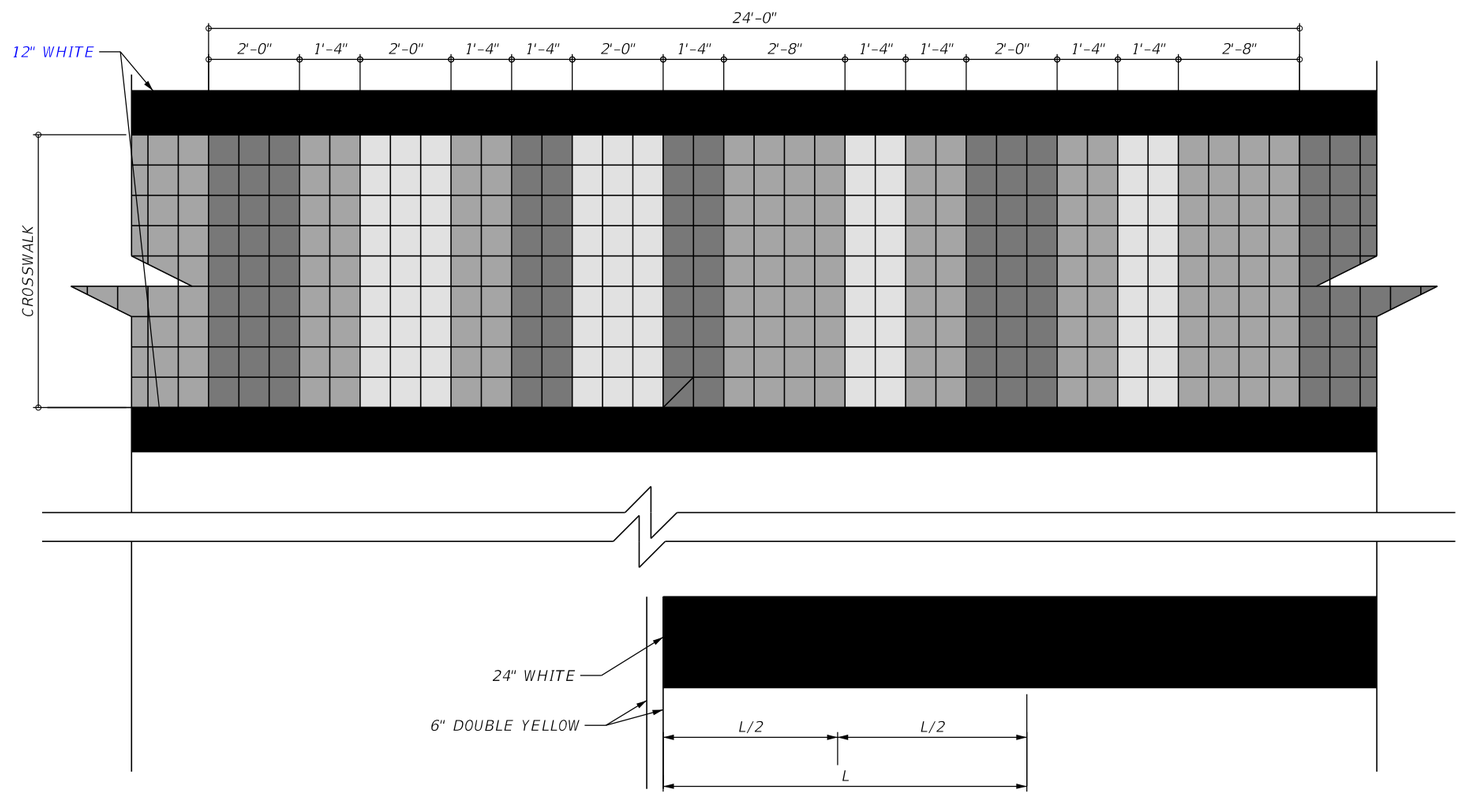


PAVER INSTALLATION DATILS AT SIDEWALKS

N.T.S

DO NOT INSTALL STAMPED ASPHALT AT THE LANE LINE LOCATIONS AS WELL AS THE CENTER OF THE TRAVEL LANES TO BE ABLE TO INSTALL THE PROPOSED PERFORMED 24" WHITE THERMOPLASTIC FOR THE EMPHASIZED CROSSWALK PAVEMENT MAKINGS



LEGEND

- GRAPHITE
- CONCRETE GREY
- WHITE
- L = LANE WIDTH (REFER TO S&P PLANS)

STAMPED ASPHALT INSTALLATION DETAILS AT CROSSWALKS

N.T.S

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

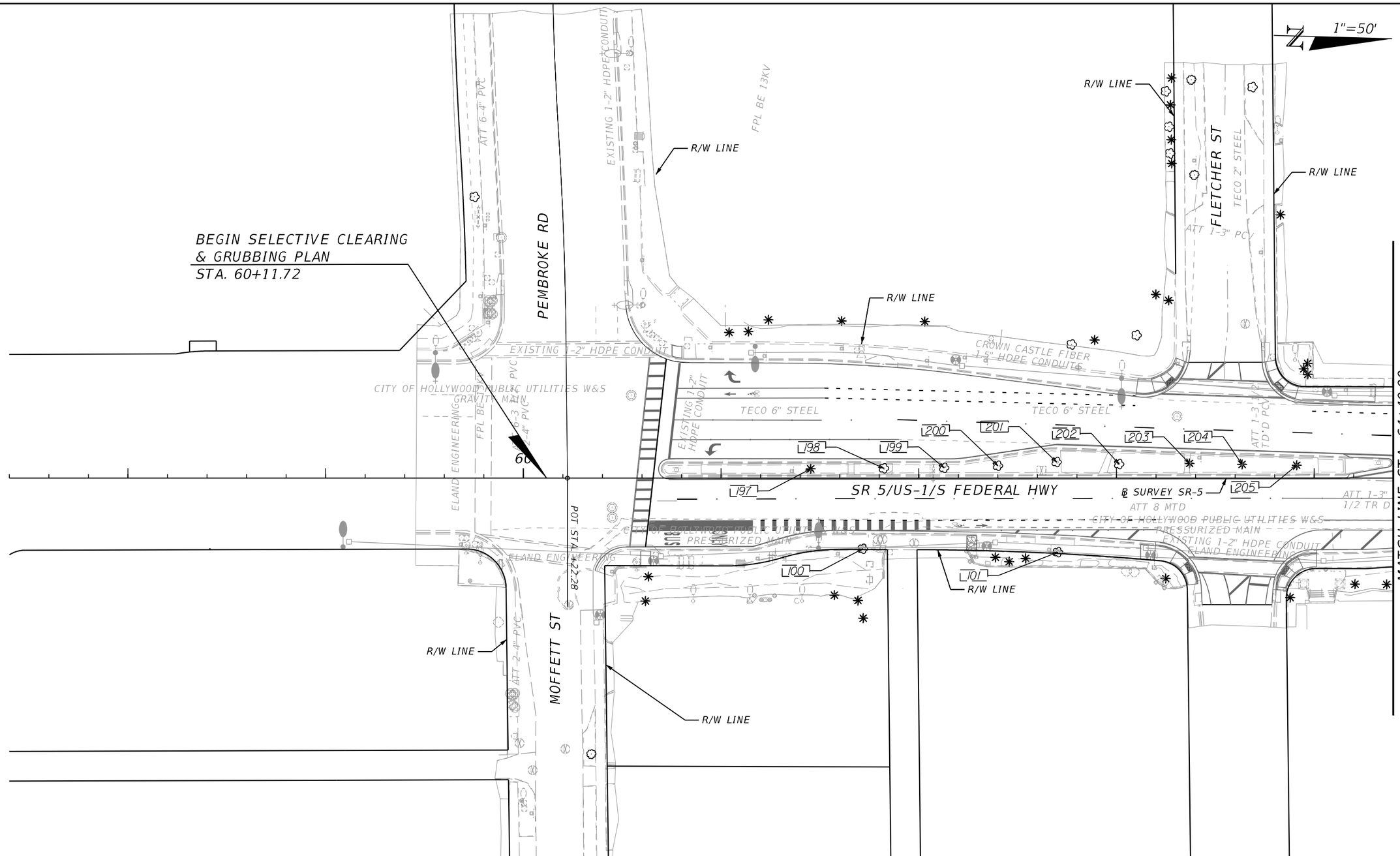
ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

SPECIAL DETAILS

SHEET NO. 22



LEGEND

- ROOT PRUNE/GRIND AS NECESSARY (ISA CERTIFIED ARBORIST REQUIRED)
- ## EXISTING TREE TO REMAIN
- EXISTING TREE
- EXISTING PALM

ROADWAY IMPROVEMENTS

- PAVERS SIDEWALK
- 4" THICK SIDEWALK

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO. 28

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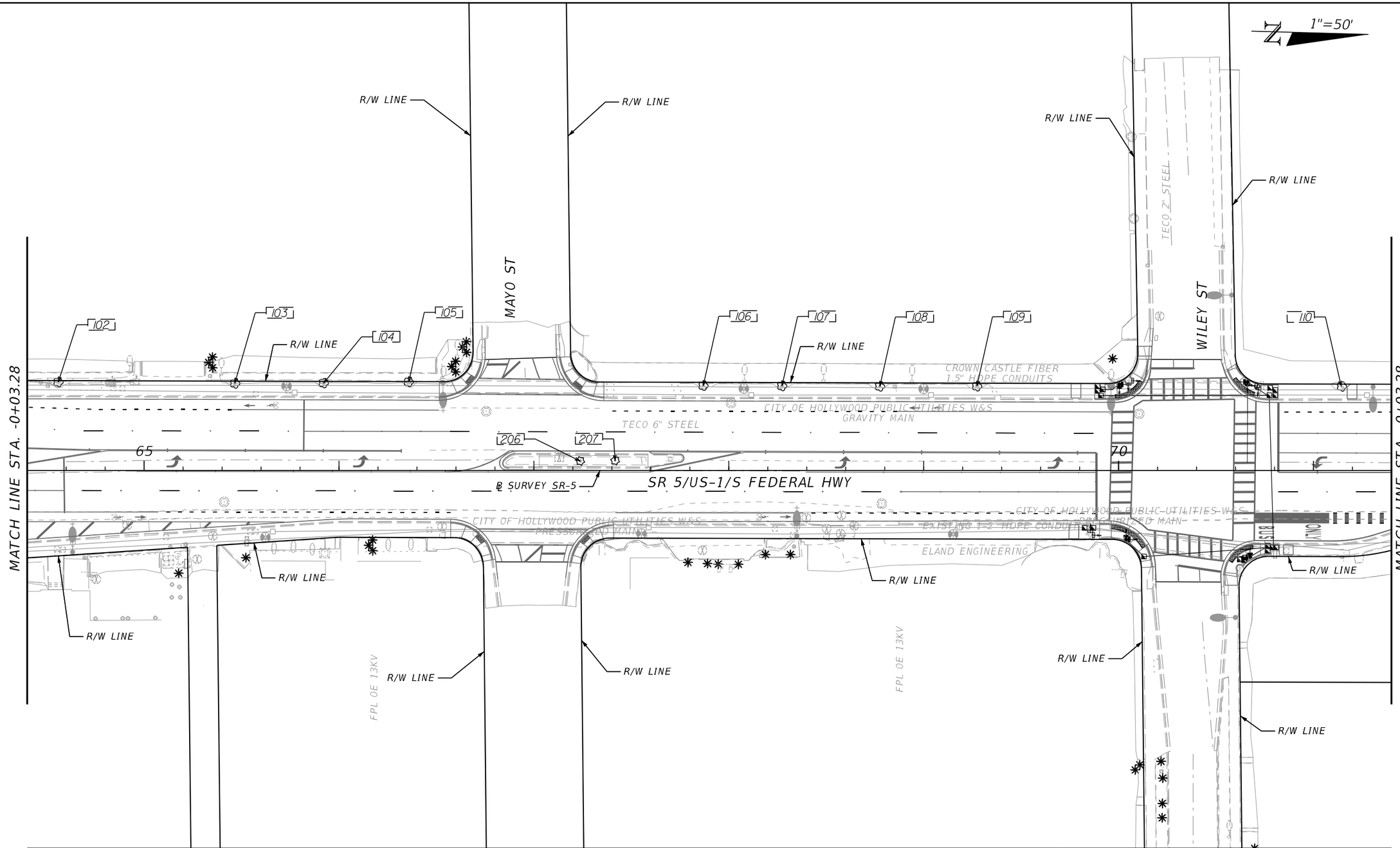

LEGEND

- ROOT PRUNE/GRIND AS NECESSARY (ISA CERTIFIED ARBORIST REQUIRED)
- EXISTING TREE TO REMAIN
- EXISTING TREE
- EXISTING PALM

ROADWAY IMPROVEMENTS

- PAVERS SIDEWALK
- 4" THICK SIDEWALK

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO. 29

8/3/2021 3:31:45 PM
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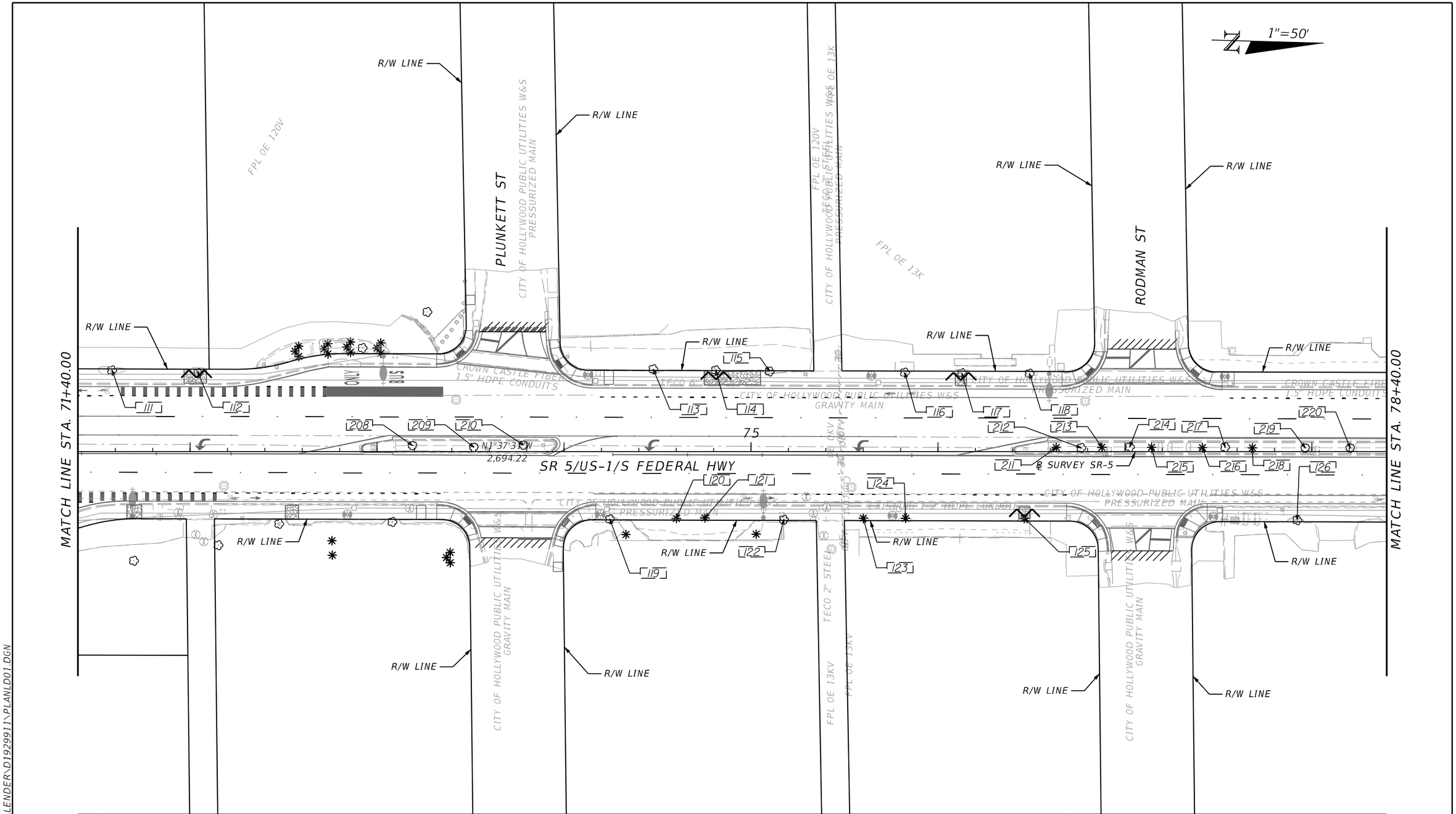

LEGEND

ROOT PRUNE/GRIND AS NECESSARY (ISA CERTIFIED ARBORIST REQUIRED)

EXISTING TREE TO REMAIN

EXISTING TREE

EXISTING PALM

ROADWAY IMPROVEMENTS

PAVERS SIDEWALK

4" THICK SIDEWALK

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO. 30

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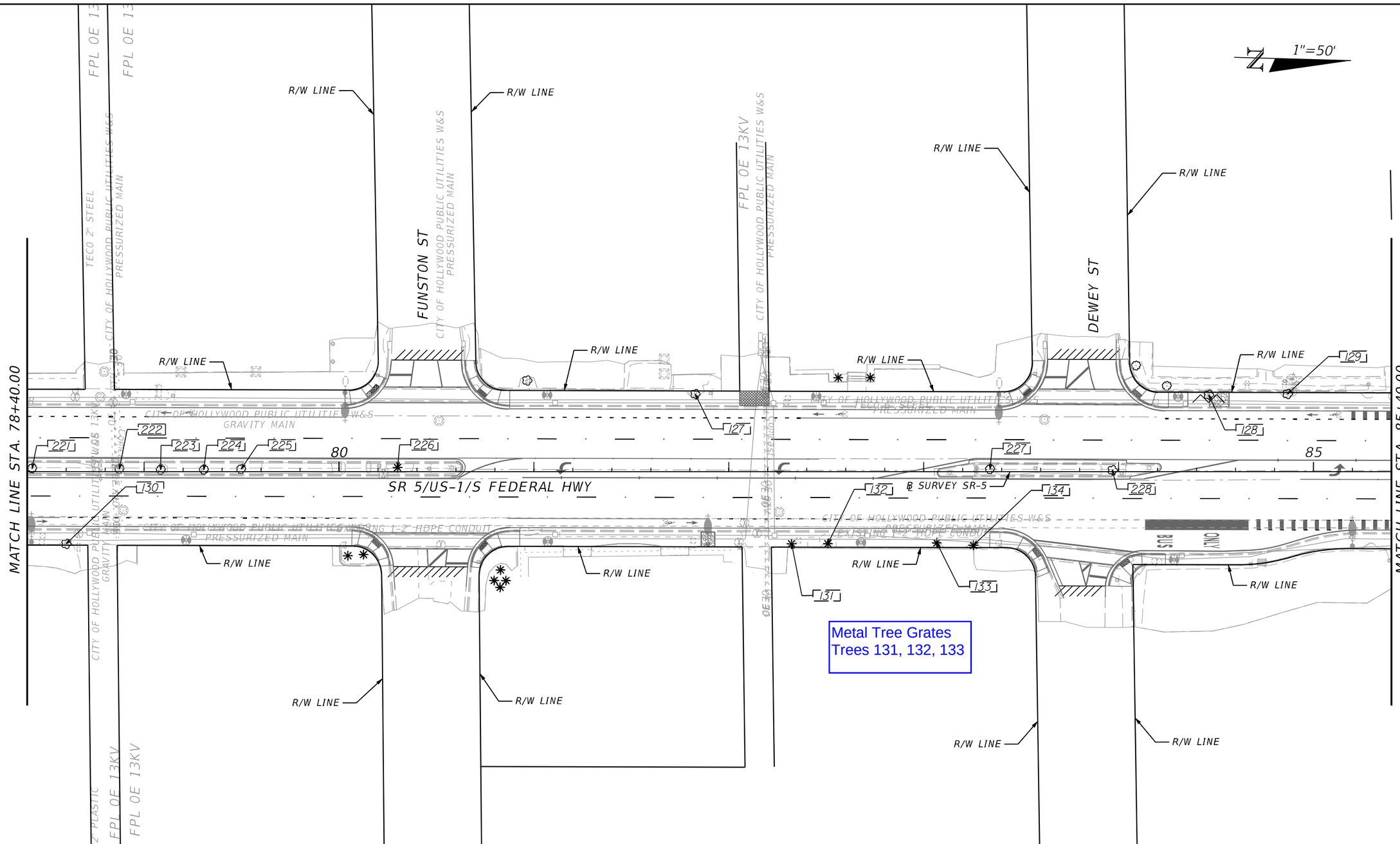

LEGEND

- ROOT PRUNE/GRIND AS NECESSARY (ISA CERTIFIED ARBORIST REQUIRED)
- ## EXISTING TREE TO REMAIN
- EXISTING TREE
- EXISTING PALM

ROADWAY IMPROVEMENTS

- PAVERS SIDEWALK
- 4" THICK SIDEWALK

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO. 31

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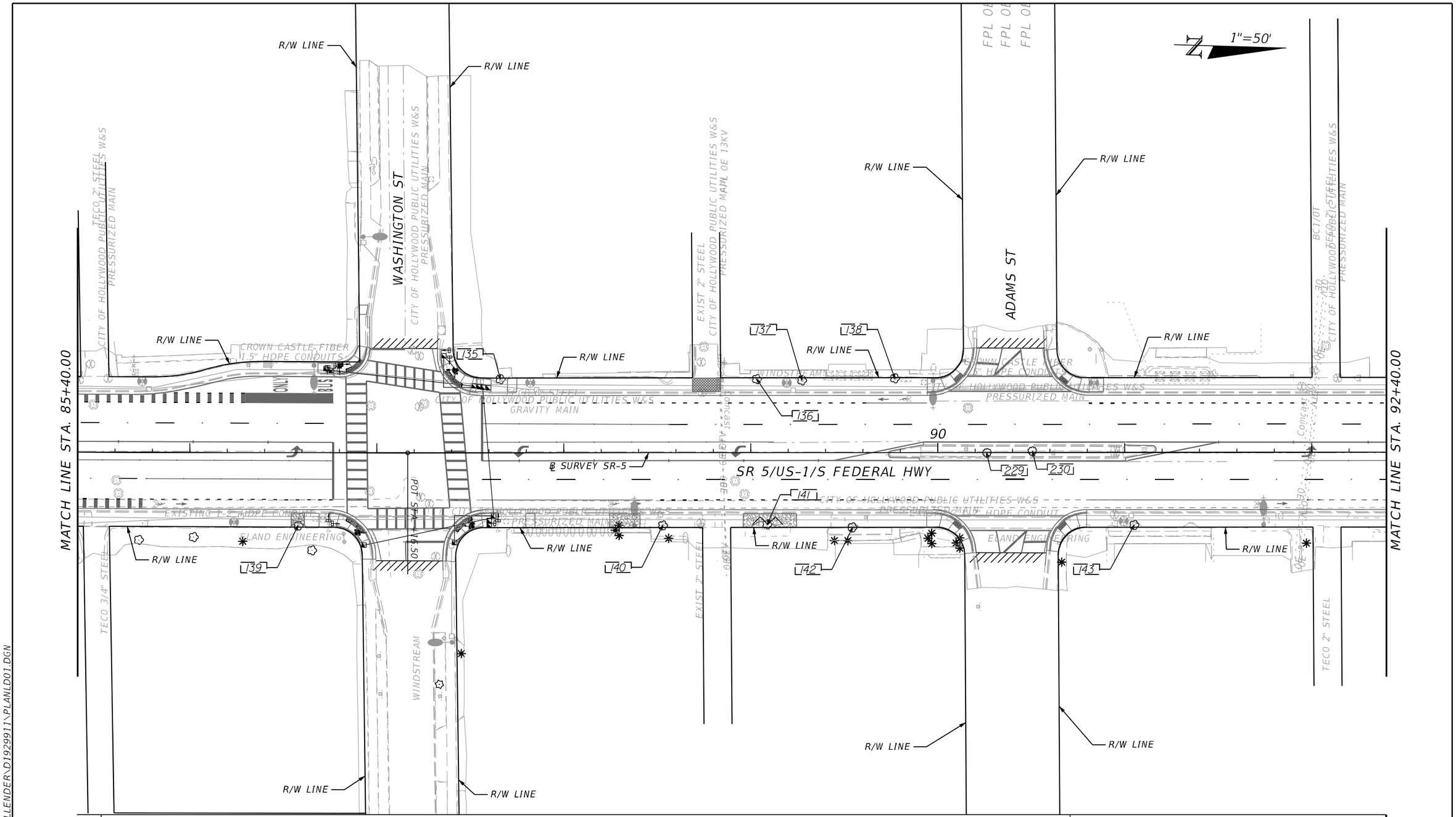

LEGEND

- ROOT PRUNE/GRIND AS NECESSARY (ISA CERTIFIED ARBORIST REQUIRED)
- ## EXISTING TREE TO REMAIN
- EXISTING TREE
- EXISTING PALM

ROADWAY IMPROVEMENTS

- PAVERS SIDEWALK
- 4" THICK SIDEWALK

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO. 32

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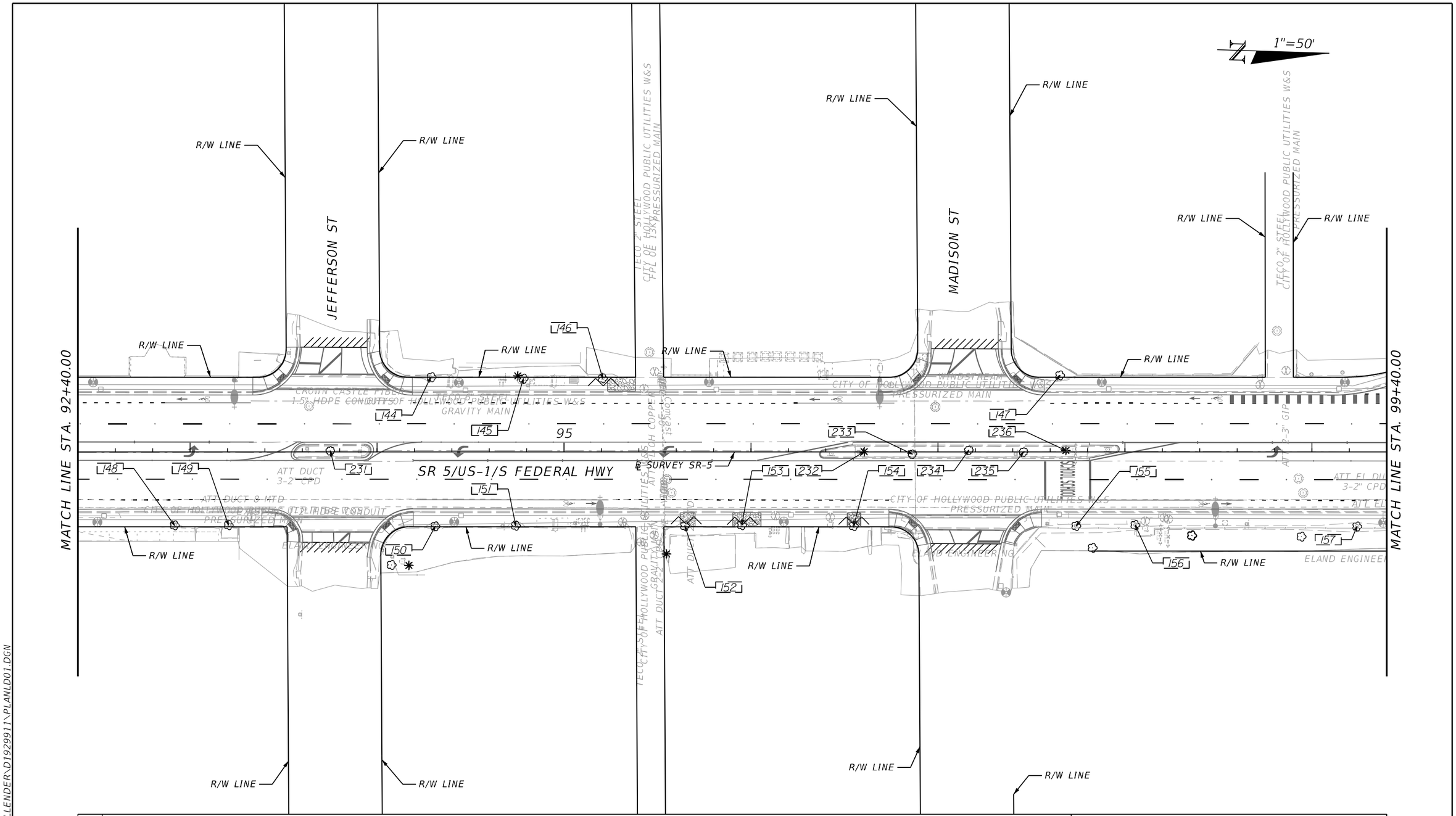

LEGEND

- ROOT PRUNE/GRIND AS NECESSARY (ISA CERTIFIED ARBORIST REQUIRED)
- ## EXISTING TREE TO REMAIN
- EXISTING TREE
- EXISTING PALM

ROADWAY IMPROVEMENTS

- PAVERS SIDEWALK
- 4" THICK SIDEWALK

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO. 33

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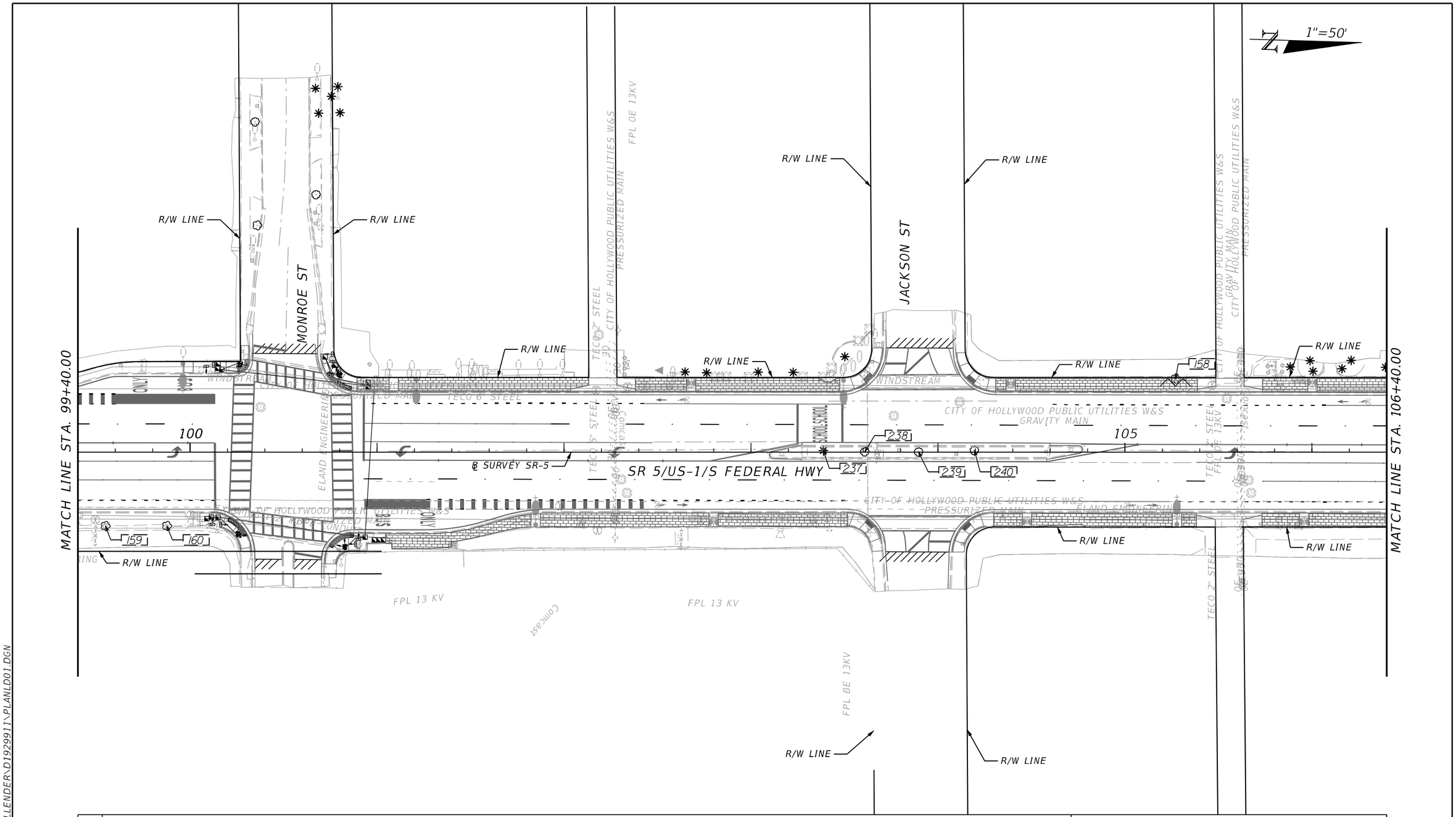

LEGEND

- ROOT PRUNE/GRIND AS NECESSARY (ISA CERTIFIED ARBORIST REQUIRED)
- EXISTING TREE TO REMAIN
- EXISTING TREE
- EXISTING PALM

ROADWAY IMPROVEMENTS

- PAVERS SIDEWALK
- 4" THICK SIDEWALK

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO. 34

8/3/2021 3:31:50 PM
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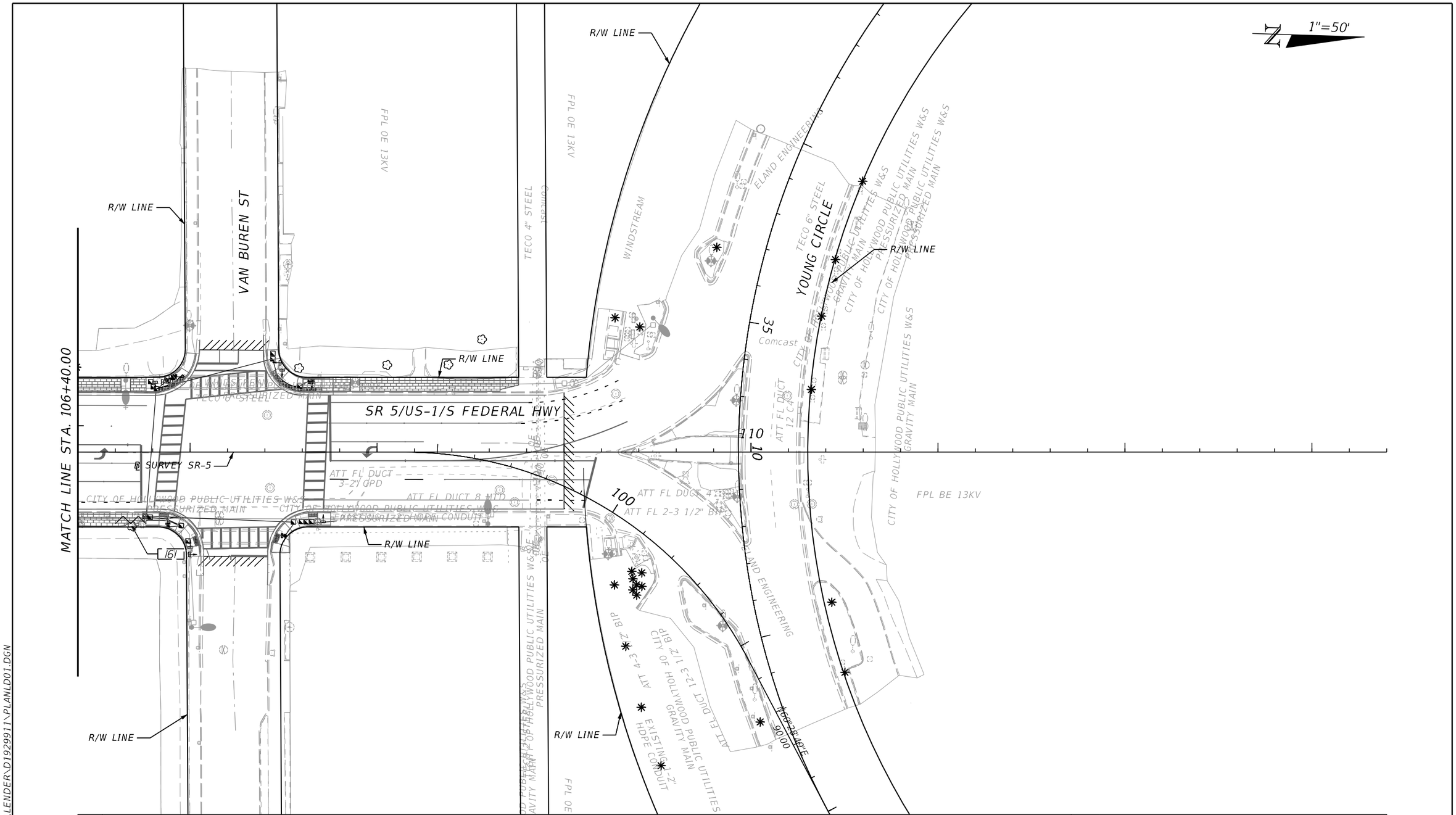

LEGEND

- ROOT PRUNE/GRIND AS NECESSARY (ISA CERTIFIED ARBORIST REQUIRED)
- EXISTING TREE TO REMAIN
- EXISTING TREE
- EXISTING PALM

ROADWAY IMPROVEMENTS

- PAVERS SIDEWALK
- 4" THICK SIDEWALK

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO. 35

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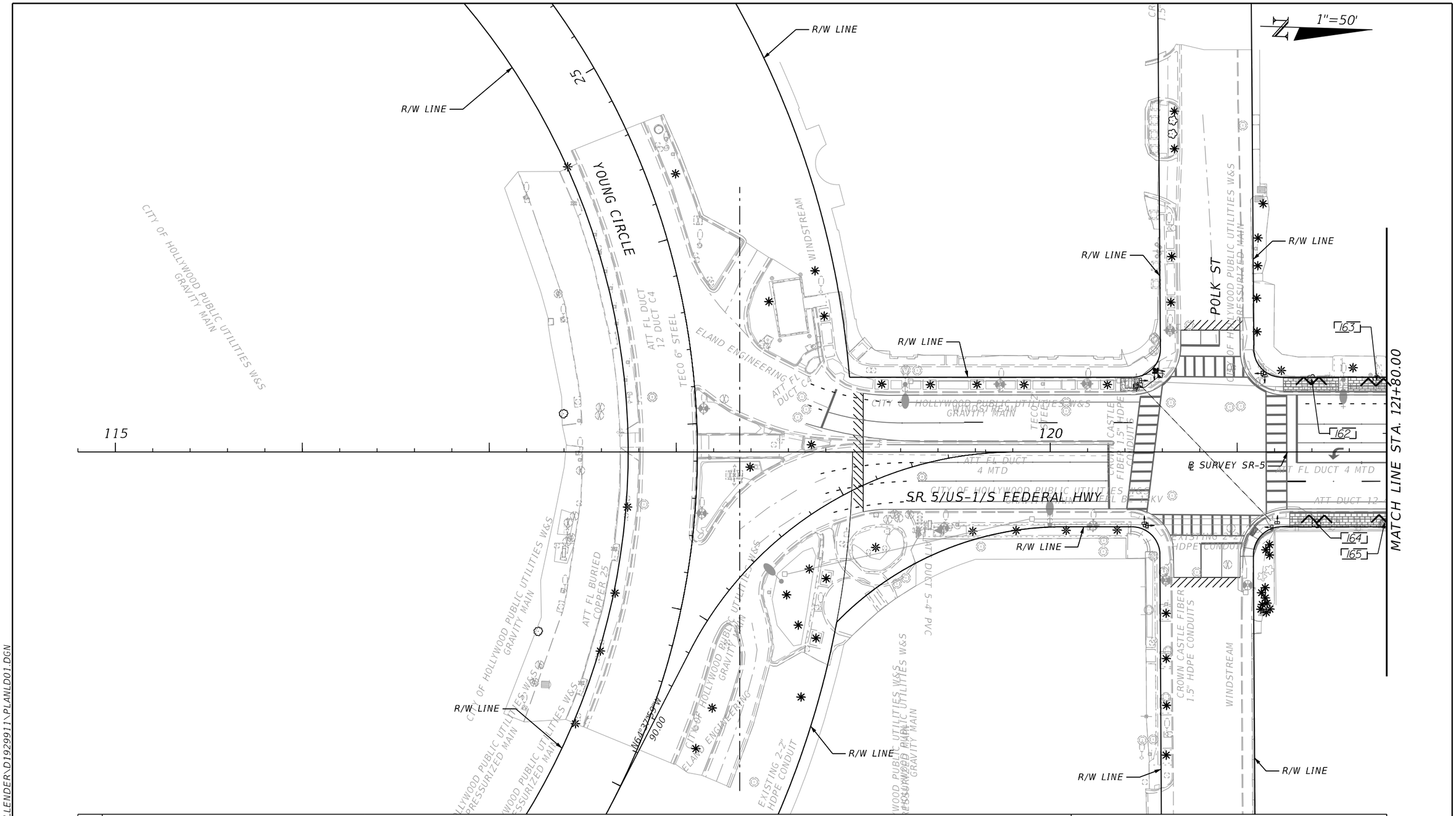

LEGEND

- ROOT PRUNE/GRIND AS NECESSARY (ISA CERTIFIED ARBORIST REQUIRED)
- ## EXISTING TREE TO REMAIN
- EXISTING TREE
- EXISTING PALM

ROADWAY IMPROVEMENTS

- PAVERS SIDEWALK
- 4" THICK SIDEWALK

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO. 36

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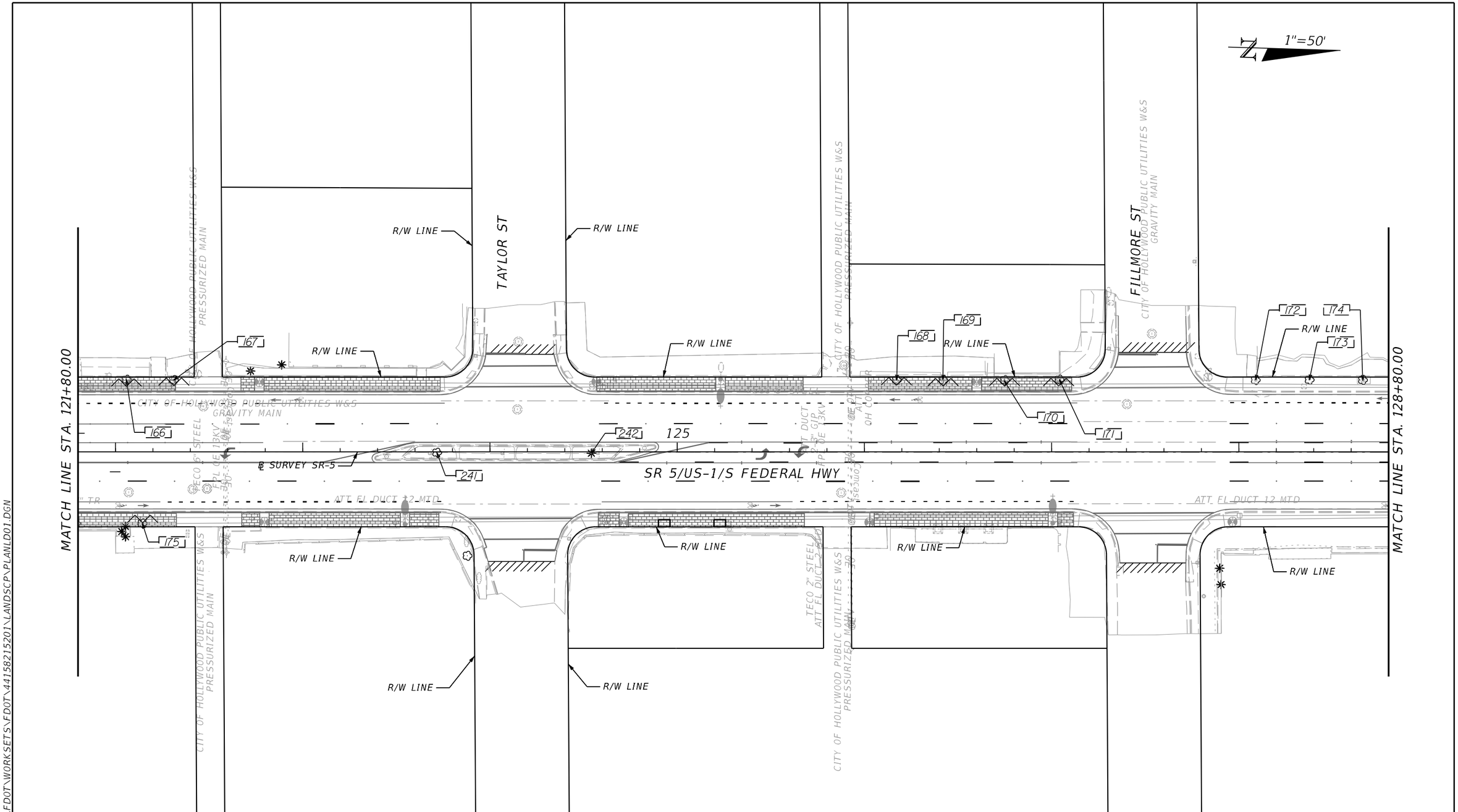

LEGEND

ROOT PRUNE/GRIND AS NECESSARY (ISA CERTIFIED ARBORIST REQUIRED)

EXISTING TREE TO REMAIN

EXISTING TREE

EXISTING PALM

ROADWAY IMPROVEMENTS

PAVERS SIDEWALK

4" THICK SIDEWALK

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO. 37

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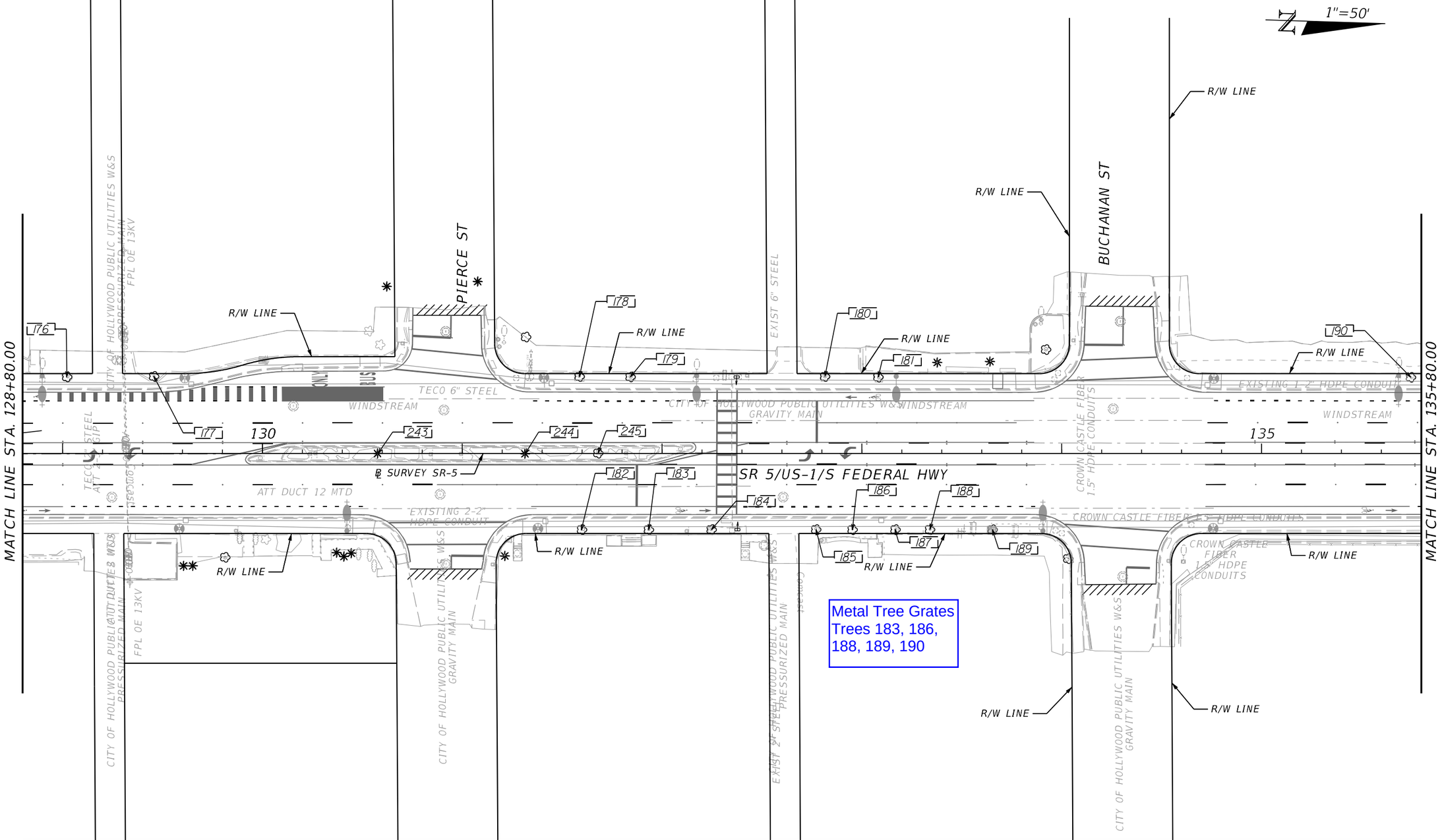

LEGEND

- ROOT PRUNE/GRIND AS NECESSARY (ISA CERTIFIED ARBORIST REQUIRED)
- #### EXISTING TREE TO REMAIN
- EXISTING TREE
- EXISTING PALM

ROADWAY IMPROVEMENTS

- PAVERS SIDEWALK
- 4" THICK SIDEWALK

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO. 38

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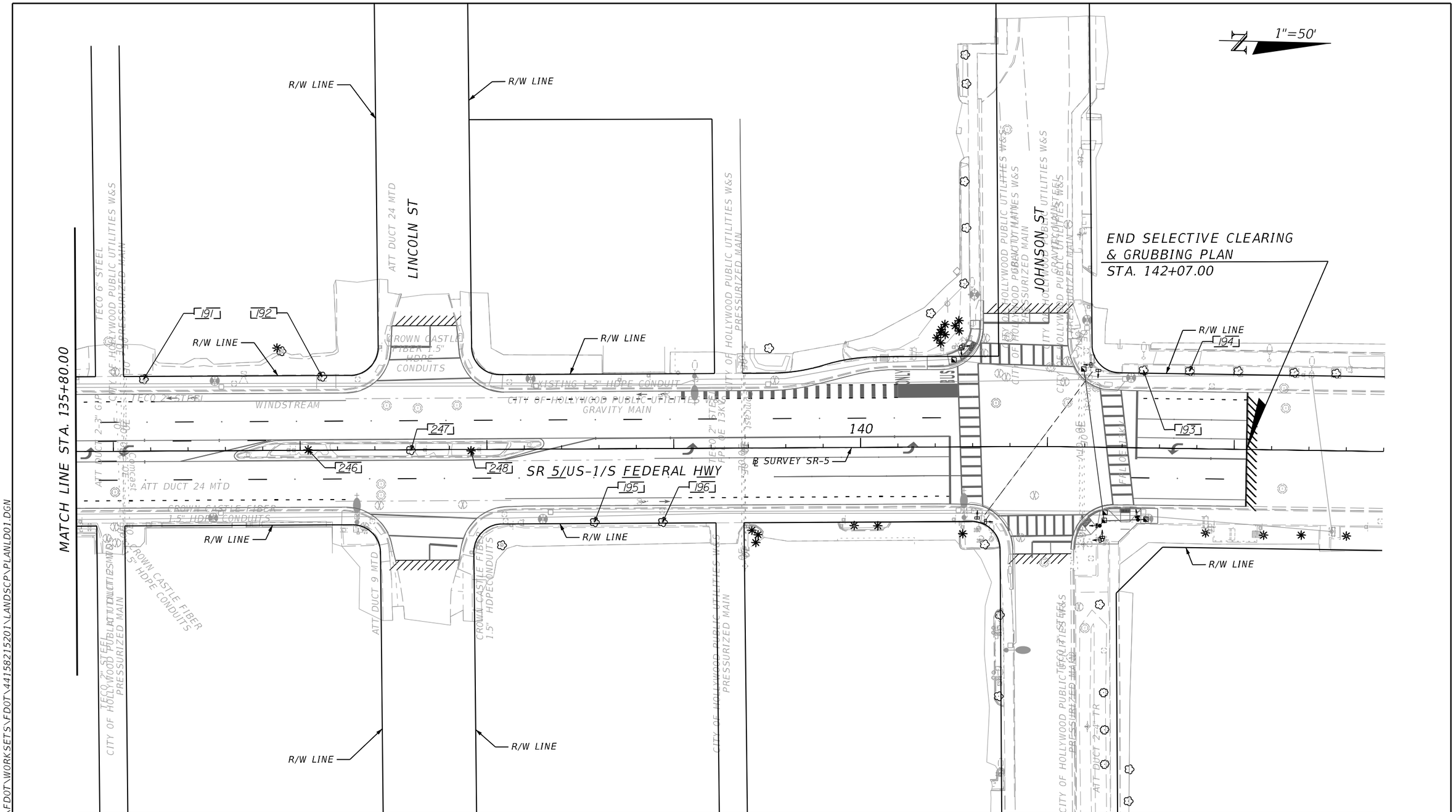

LEGEND

- ROOT PRUNE/GRIND AS NECESSARY (ISA CERTIFIED ARBORIST REQUIRED)
- ## EXISTING TREE TO REMAIN
- EXISTING TREE
- EXISTING PALM

ROADWAY IMPROVEMENTS

- PAVERS SIDEWALK
- 4" THICK SIDEWALK

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO. 39

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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.

SHEET NUMBER	TREE NO.	SYMBOL	BOTANICAL NAME	COMMON NAME	DBH (INCHES)	HEIGHT (FEET) (APPROX.)	SPREAD (FEET) (APPROX.)	LOCATION		CONDITION	DISPOSITION	NOTES
								STA.	OFFSET/SIDE			
27	100	QV	QUERCUS VIRGINIANA	LIVE OAK	24	30	36	61+71.68	35.69/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
27	101	QV	QUERCUS VIRGINIANA	LIVE OAK	18	30	44	62+70.34	37.42/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
28	102	BB	BUCIDA BUCERAS	BLACK OLIVE	18	30	54	64+55.94	45.40/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - ABOVE GRADE ROOTS/TREE PARTIALLY OUTSIDE R/W
28	103	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	29	65+46.60	44.72/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
28	104	BB	BUCIDA BUCERAS	BLACK OLIVE	14	30	32	65+92.09	44.87/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
28	105	BB	BUCIDA BUCERAS	BLACK OLIVE	20	35	48	66+35.08	45.51/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
28	106	QV	QUERCUS VIRGINIANA	LIVE OAK	18	30	34	67+86.90	43.55/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
28	107	QV	QUERCUS VIRGINIANA	LIVE OAK	26	30	32	68+27.29	43.40/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
28	108	QV	QUERCUS VIRGINIANA	LIVE OAK	26	30	33	68+77.49	43.18/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
28	109	QV	QUERCUS VIRGINIANA	LIVE OAK	24	30	36	69+27.30	43.26/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
28	110	QV	QUERCUS VIRGINIANA	LIVE OAK	12	25	30	71+14.89	42.73/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
29	111	QV	QUERCUS VIRGINIANA	LIVE OAK	12	30	33	71+58.13	43.18/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
29	112	QV	QUERCUS VIRGINIANA	LIVE OAK	15	35	32	72+04.14	42.61/lt	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
29	113	QV	QUERCUS VIRGINIANA	LIVE OAK	8	25	21	74+47.93	43.50/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE -TREE PARTIALLY OUTSIDE R/W
29	114	QV	QUERCUS VIRGINIANA	LIVE OAK	36	35	40	74+80.18	43.36/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
29	115	QV	QUERCUS VIRGINIANA	LIVE OAK	28	35	48	75+10.03	42.77/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
29	116	QV	QUERCUS VIRGINIANA	LIVE OAK	18	35	40	75+82.48	42.32/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
29	117	QV	QUERCUS VIRGINIANA	LIVE OAK	13	30	31	76+11.89	42.15/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
29	118	QV	QUERCUS VIRGINIANA	LIVE OAK	6	25	15	76+48.90	41.72/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
29	119	BB	BUCIDA BUCERAS	BLACK OLIVE	5	10	10	74+24.46	36.05/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - (TREE LOCATION)
29	120	WB	WODYETIA BIFURCATA	FOXTAIL PALM	8	10 CT	9	74+60.04	35.96/RT	FAIR	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - (PALM LOCATION)
29	121	WB	WODYETIA BIFURCATA	FOXTAIL PALM	8	10 CT	9	74+75.38	35.43/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - (PALM LOCATION)
29	122	BB	BUCIDA BUCERAS	BLACK OLIVE	4	10	10	75+17.57	36.33/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - (TREE LOCATION)
29	123	WB	WODYETIA BIFURCATA	FOXTAIL PALM	8	10 CT	9	75+60.07	35.56/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - (PALM LOCATION)
29	124	WB	WODYETIA BIFURCATA	FOXTAIL PALM	7	18 CT	13	75+82.67	35.62/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - (PALM LOCATION)
29	125	WB	WODYETIA BIFURCATA	FOXTAIL PALM	8	10 CT	9	76+46.07	35.70/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - (PALM LOCATION)
29	126	QV	QUERCUS VIRGINIANA	LIVE OAK	24	45	54	77+92.09	36.62/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
30	127	BB	BUCIDA BUCERAS	BLACK OLIVE	18	40	40	81+82.92	40.50/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
30	128	QV	QUERCUS VIRGINIANA	LIVE OAK	24	30	40	84+46.22	39.49/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
30	129	QV	QUERCUS VIRGINIANA	LIVE OAK	18	30	40	84+86.65	39.91/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
30	130	QV	QUERCUS VIRGINIANA	LIVE OAK	18	35	44	78+60.02	37.04/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
30	131	PE	PTYCHOSPERMA ELEGANS	SOLITAIRE PALM		18 CT	8	82+32.22	36.96/RT	GOOD	REMAIN	METAL 'OBLIO' GRATE -TO 20 INCHES OPENING
30	132	PE	PTYCHOSPERMA ELEGANS	SOLITAIRE PALM		18 CT	8	82+50.82	36.93/RT	GOOD	REMAIN	METAL 'OBLIO' GRATE
30	133	PE	PTYCHOSPERMA ELEGANS	SOLITAIRE PALM		18 CT	8	83+06.63	36.48/RT	GOOD	REMAIN	METAL 'OBLIO' GRATE - 20 INCHES OPENING
30	134	PE	PTYCHOSPERMA ELEGANS	SOLITAIRE PALM		18 CT	8	83+25.00	37.79/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - (PALM LOCATION)
31	135	BB	BUCIDA BUCERAS	BLACK OLIVE	18	35	55	87+66.35	39.04/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
31	136	QV	QUERCUS VIRGINIANA	LIVE OAK	21	30	38	89+03.37	39.24/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
31	137	BB	BUCIDA BUCERAS	BLACK OLIVE	18	35	45	89+27.48	38.76/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS

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8/3/2021 3:33:25 PM CherylCallender
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WANTMAN GROUP, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

TREE DISPOSITION CHART

SHEET NO.
40

SHEET NUMBER	TREE NO.	SYMBOL	BOTANICAL NAME	COMMON NAME	DBH (INCHES)	HEIGHT (FEET) (APPROX.)	SPREAD (FEET) (APPROX.)	LOCATION		CONDITION	DISPOSITION	NOTES
								STA.	OFFSET/SIDE			
31	138	QV	QUERCUS VIRGINIANA	LIVE OAK	20	30	48	89+77.00	39.17/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
31	139	QV	QUERCUS VIRGINIANA	LIVE OAK	13	30	33	86+58.12	39.98/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
31	140	QV	QUERCUS VIRGINIANA	LIVE OAK	15	25	31	88+52.94	38.83/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
31	141	QV	QUERCUS VIRGINIANA	LIVE OAK	12	25	28	89+8.79	38.43/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
31	142	QV	QUERCUS VIRGINIANA	LIVE OAK	24	45	60	89+54.45	40.07/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
31	143	QV	QUERCUS VIRGINIANA	LIVE OAK	24	30	50	91+05.16	37.98/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
32	144	QV	QUERCUS VIRGINIANA	LIVE OAK	20	30	50	94+28.66	40.05/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES -PARTIALLY OUTSIDE OF THE R/W
32	145	BB	BUCIDA BUCERAS	BLACK OLIVE	15	35	35	94+78.70	38.99/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
32	146	BB	BUCIDA BUCERAS	BLACK OLIVE	22	35	50	95+20.69	39.35/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
32	147	BB	BUCIDA BUCERAS	BLACK OLIVE	24	40	60	97+64.92	40.38/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - ABOVE GRADE ROOTS/TREE MOSTLY OUTSIDE R/W
32	148	QV	QUERCUS VIRGINIANA	LIVE OAK	13	30	28	92+91.99	38.96/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
32	149	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	30	93+20.84	38.95/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
32	150	QV	QUERCUS VIRGINIANA	LIVE OAK	28	35	44	94+31.15	39.59/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
32	151	QV	QUERCUS VIRGINIANA	LIVE OAK	21	35	54	94+74.18	39.36/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
32	152	QV	QUERCUS VIRGINIANA	LIVE OAK	12	30	30	95+64.82	39.63/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
32	153	QV	QUERCUS VIRGINIANA	LIVE OAK	18	35	45	95+95.10	38.91/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
32	154	BB	BUCIDA BUCERAS	BLACK OLIVE	22	40	67	96+54.93	39.66/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
32	155	QV	QUERCUS VIRGINIANA	LIVE OAK	20	40	46	97+73.68	39.44/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
32	156	QV	QUERCUS VIRGINIANA	LIVE OAK	20	40	42	98+05.46	39.04/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
32	157	BB	BUCIDA BUCERAS	BLACK OLIVE	24	40	60	99+24.18	39.67/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
33	158	QV	QUERCUS VIRGINIANA	LIVE OAK	11	20	30	105+27.16	39.36/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
33	159	QV	QUERCUS VIRGINIANA	LIVE OAK	22	40	26	99+54.56	39.64/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
33	160	QV	QUERCUS VIRGINIANA	LIVE OAK	22	40	42	99+87.54	39.68/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
34	161	QV	QUERCUS VIRGINIANA	LIVE OAK	16	35	42	106+68.35	39.32/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
35	162	QV	QUERCUS VIRGINIANA	LIVE OAK	15	40	36	121+39.23	38.90/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
35	163	QV	QUERCUS VIRGINIANA	LIVE OAK	28	40	34	121+75.02	38.20/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
35	164	QV	QUERCUS VIRGINIANA	LIVE OAK	12	35	34	121+42.57	37.82/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
35	165	QV	QUERCUS VIRGINIANA	LIVE OAK	9	30	24	121+78.80	38.20/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
36	166	QV	QUERCUS VIRGINIANA	LIVE OAK	8	35	25	122+05.66	38.93/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
36	167	QV	QUERCUS VIRGINIANA	LIVE OAK	15	35	30	122+31.11	38.93/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
36	168	QV	QUERCUS VIRGINIANA	LIVE OAK	24	35	48	126+16.95	38.13/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
36	169	QV	QUERCUS VIRGINIANA	LIVE OAK	24	35	30	126+41.96	38.41/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
36	170	QV	QUERCUS VIRGINIANA	LIVE OAK	16	35	31	126+74.72	37.99/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
36	171	QV	QUERCUS VIRGINIANA	LIVE OAK	24	35	38	127+03.74	38.61/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
36	172	QV	QUERCUS VIRGINIANA	LIVE OAK	17	40	45	128+9.00	38.45/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
36	173	QV	QUERCUS VIRGINIANA	LIVE OAK	14	30	20	128+37.71	39.02/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
36	174	QV	QUERCUS VIRGINIANA	LIVE OAK	24	40	45	128+66.21	38.28/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
36	175	QV	QUERCUS VIRGINIANA	LIVE OAK	13	30	32	122+14.58	38.28/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WANTMAN GROUP, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

TREE DISPOSITION CHART

SHEET NO. 41

SHEET NUMBER	TREE NO.	SYMBOL	BOTANICAL NAME	COMMON NAME	DBH (INCHES)	HEIGHT (FEET) (APPROX.)	SPREAD (FEET) (APPROX.)	LOCATION		CONDITION	DISPOSITION	NOTES
								STA.	OFFSET/SIDE			
37	176	QV	QUERCUS VIRGINIANA	LIVE OAK	21	15	22	129+2.49	38.56/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
37	177	QV	QUERCUS VIRGINIANA	LIVE OAK	13	25	32	129+45.75	38.71/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
37	178	QV	QUERCUS VIRGINIANA	LIVE OAK	14	30	28	131+58.56	38.66/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
37	179	QV	QUERCUS VIRGINIANA	LIVE OAK	21	35	51	131+84.3	38.45/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
37	180	QV	QUERCUS VIRGINIANA	LIVE OAK	24	35	38	132+81.54	38.86/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
37	181	QV	QUERCUS VIRGINIANA	LIVE OAK	16	30	35	133+08.48	37.98/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
37	182	QV	QUERCUS VIRGINIANA	LIVE OAK	14	30	30	131+59.72	37.83/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
37	183	QV	QUERCUS VIRGINIANA	LIVE OAK	14	35	30	131+93.36	37.92/RT	GOOD	REMAIN	METAL 'OBLIO' GRATE - 20 INCHES OPENING
37	184	QV	QUERCUS VIRGINIANA	LIVE OAK	15	35	25	132+24.64	37.92/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
37	185	QV	QUERCUS VIRGINIANA	LIVE OAK	13	20	18	132+76.87	37.69/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
37	186	QV	QUERCUS VIRGINIANA	LIVE OAK	10	20	14	132+95.31	37.92/RT	GOOD	REMAIN	METAL 'OBLIO' GRATE - 20 INCHES OPENING
37	187	QV	QUERCUS VIRGINIANA	LIVE OAK	14	25	24	133+17.05	37.76/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
37	188	QV	QUERCUS VIRGINIANA	LIVE OAK	14	20	24	133+34.15	37.84/RT	GOOD	REMAIN	METAL 'OBLIO' GRATE - 20 INCHES OPENING
37	189	QV	QUERCUS VIRGINIANA	LIVE OAK	10	20	24	133+65.59	38.15/RT	GOOD	REMAIN	METAL 'OBLIO' GRATE - 20 INCHES OPENING
37	190	QV	QUERCUS VIRGINIANA	LIVE OAK	12	20	22	135+75.04	37.84/LT	GOOD	REMAIN	METAL 'OBLIO' GRATE - 20 INCHES OPENING / (REMOVE EXISTING METAL TREE GRATE)
38	191	QV	QUERCUS VIRGINIANA	LIVE OAK	14	25	32	136+16.59	38.28/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
38	192	QV	QUERCUS VIRGINIANA	LIVE OAK	14	25	24	137+12.10	39.03/LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
38	193	TH	TABEBUIA HETEROPHYLLA	PINK TRUMPET TREE	4	12	10	14+50.80	41.48/LT	GOOD	REMAIN	TREE OUTSIDE THE R/W
38	194	TH	TABEBUIA HETEROPHYLLA	PINK TRUMPET TREE	4	20	12	141+75.33	41.98/LT	GOOD	REMAIN	TREE OUTSIDE THE R/W
38	195	QV	QUERCUS VIRGINIANA	LIVE OAK	13	30	44	138+57.24	38.34/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
38	196	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	30	138+93.97	38.92/RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
27	197	PC	PHOENIX CANARIENSIS	CANARY ISLAND DATE PALM	9	35		61+45.33	4.70/LT	GOOD	REMAIN	
27	198	QV	QUERCUS VIRGINIANA	LIVE OAK	9	20	21	61+82.28	5.00/LT	GOOD	REMAIN	
27	199	QV	QUERCUS VIRGINIANA	LIVE OAK	6	20	13	62+12.74	5.25/LT	GOOD	REMAIN	
27	200	QV	QUERCUS VIRGINIANA	LIVE OAK	11	30	34	62+39.92	6.30/LT	GOOD	REMAIN	
27	201	QV	QUERCUS VIRGINIANA	LIVE OAK	11	30	29	62+69.05	8.17/LT	GOOD	REMAIN	
27	202	QV	QUERCUS VIRGINIANA	LIVE OAK	13	30	34	63+01.37	7.06/LT	GOOD	REMAIN	
27	203	PD	PHOENIX DACTYLIFERA 'MEDJOOL'	MEDJOOL DATE PALM	9	28 CT		63+36.96	7.47/LT	GOOD	REMAIN	
27	204	PC	PHOENIX CANARIENSIS	CANARY ISLAND DATE PALM	9	15 CT		63+63.55	6.96/LT	GOOD	REMAIN	
27	205							63+91.15	6.48/LT			STUMP - TOP MISSING
28	206	QV	QUERCUS VIRGINIANA	LIVE OAK	13	30	26	67+23.78	4.88/LT	GOOD	REMAIN	
28	207	QV	QUERCUS VIRGINIANA	LIVE OAK	11	25	20	67+41.68	5.11/LT	GOOD	REMAIN	
29	208	QV	QUERCUS VIRGINIANA	LIVE OAK	7	20	20	73+18.97	3.29/LT	GOOD	REMAIN	
29	209	QV	QUERCUS VIRGINIANA	LIVE OAK	7	20	20	73+51.78	2.38/LT	GOOD	REMAIN	
29	210	QV	QUERCUS VIRGINIANA	LIVE OAK	7	14	18	73+78.35	3.54/LT	GOOD	REMAIN	
29	211	BN	BISMARCKIA NOBILIS	BISMARCK PALM	12	20 CT		76+63.28	2.21/LT	GOOD	REMAIN	
29	212	LJ	LIGUSTRUM JAPONICUM	JAPANESE PRIVET		12	15	76+76.62	2.03/LT	GOOD	REMAIN	MULTITRUNK
29	213	BN	BISMARCKIA NOBILIS	BISMARCK PALM	12	10 CT		76+87.62	2.29/LT	GOOD	REMAIN	

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WANTMAN GROUP, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

TREE DISPOSITION CHART

SHEET NO. 42

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.

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SHEET NUMBER	TREE NO.	SYMBOL	BOTANICAL NAME	COMMON NAME	DBH (INCHES)	HEIGHT (FEET) (APPROX.)	SPREAD (FEET) (APPROX.)	LOCATION		CONDITION	DISPOSITION	NOTES
								STA.	OFFSET/SIDE			
29	214	LJ	LIGUSTRUM JAPONICUM	JAPANESE PRIVET		10	15	77+2.59	2.53/LT	GOOD	REMAIN	MULTITRUNK
29	215	BN	BISMARCKIA NOBILIS	BISMARCK PALM	12	20 CT		77+14.22	2.29/LT	GOOD	REMAIN	
29	216	BN	BISMARCKIA NOBILIS	BISMARCK PALM	12	18 CT		77+41.44	2.14/LT	GOOD	REMAIN	
29	217	LJ	LIGUSTRUM JAPONICUM	JAPANESE PRIVET		10	15	77+53.56	2.41/LT	GOOD	REMAIN	
29	218	BN	BISMARCKIA NOBILIS	BISMARCK PALM	12	20 CT		77+68.15	2.05/LT	GOOD	REMAIN	
29	219	QV	QUERCUS VIRGINIANA	LIVE OAK	10	20	25	77+46.45	2.04/LT	GOOD	REMAIN	
29	220	QV	QUERCUS VIRGINIANA	LIVE OAK	8	25	20	78+20.51	1.93/LT	GOOD	REMAIN	
30	221	QV	QUERCUS VIRGINIANA	LIVE OAK	8	25	20	78+42.60	1.74/LT	GOOD	REMAIN	
30	222	QV	QUERCUS VIRGINIANA	LIVE OAK	12	15	30	78+87.28	1.47/LT	GOOD	REMAIN	
30	223	QV	QUERCUS VIRGINIANA	LIVE OAK	6	20	15	79+8.52	1.02/LT	GOOD	REMAIN	
30	224	QV	QUERCUS VIRGINIANA	LIVE OAK	8	25	15	79+30.68	0.94/LT	GOOD	REMAIN	
30	225	QV	QUERCUS VIRGINIANA	LIVE OAK	8	25	15	79+49.79	1.41/LT	GOOD	REMAIN	
30	226	PC	PHOENIX CANARIENSIS	CANARY ISLAND DATE PALM	10	20 CT		80+30.05	2.14/LT	GOOD	REMAIN	
30	227	QV	QUERCUS VIRGINIANA	LIVE OAK	10	25	32	83+34.16	1.26/LT	GOOD	REMAIN	
30	228	QV	QUERCUS VIRGINIANA	LIVE OAK	10	20	22	83+96.87	0.77/LT	GOOD	REMAIN	
31	229	QV	QUERCUS VIRGINIANA	LIVE OAK	8	20	18	90+26.36	0.13/RT	GOOD	REMAIN	
31	230	QV	QUERCUS VIRGINIANA	LIVE OAK	10	24	30	90+50.54	0.73/LT	GOOD	REMAIN	
32	231	QV	QUERCUS VIRGINIANA	LIVE OAK	10	20	20	93+74.95	0.62/LT	GOOD	REMAIN	
32	232	PD	PHOENIX DACTYLIFERA 'MEDJOOL'	MEDJOOL DATE PALM	8	35 CT		96+60.57	0.11/LT	GOOD	REMAIN	
32	233	QV	QUERCUS VIRGINIANA	LIVE OAK	10	25	25	96+86.31	1.11/LT	GOOD	REMAIN	
32	234	QV	QUERCUS VIRGINIANA	LIVE OAK	12	25	25	97+16.49	0.95/LT	GOOD	REMAIN	
32	235	QV	QUERCUS VIRGINIANA	LIVE OAK	10	30	30	97+45.74	0.01/LT	GOOD	REMAIN	
32	236	PD	PHOENIX DACTYLIFERA 'MEDJOOL'	MEDJOOL DATE PALM	10	20 CT		97+68.43	0.82/LT	GOOD	REMAIN	
33	237	PC	PHOENIX CANARIENSIS	CANARY ISLAND DATE PALM	12	18 CT		103+38.66	0.91/LT	GOOD	REMAIN	
33	238	QV	QUERCUS VIRGINIANA	LIVE OAK	8	25	20	103+60.87	0.23/LT	GOOD	REMAIN	
33	239	QV	QUERCUS VIRGINIANA	LIVE OAK	8	25	20	103+89.61	0.21/LT	GOOD	REMAIN	
33	240	QV	QUERCUS VIRGINIANA	LIVE OAK	6	14	18	104+19.65	0.96/LT	GOOD	REMAIN	
36	241	VA	VEITCHIA ARECINA	VEITCHIA PALM	4	8 CT		123+71.67	0.38/RT	GOOD	REMAIN	
36	242	VA	VEITCHIA ARECINA	VEITCHIA PALM	6	10 CT		124+54.11	0.69/RT	GOOD	REMAIN	
37	243											MISSING
37	244	VA	VEITCHIA ARECINA	VEITCHIA PALM	8	12 CT		131+31.41	0.11/RT	GOOD	REMAIN	
37	245	CG	CAESALPINIA GRANADILLO	BRIDAL VEIL	12	25	30	131+68.01	0.21/LT	GOOD	REMAIN	
38	246											MISSING
38	247	CG	CAESALPINIA GRANADILLO	BRIDAL VEIL	9	25	20	137+59.24	0.20/RT	GOOD	REMAIN	
38	248	VA	VEITCHIA ARECINA	VEITCHIA PALM	5	12 CT		137+91.42	0.72/RT	GOOD	REMAIN	

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WANTMAN GROUP, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

TREE DISPOSITION CHART

SHEET NO. 43

COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
SIGNALIZATION PLANS
LIGHTING PLANS

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
~~3~~	~~TYPICAL SECTION~~
~~4~~	~~PROJECT CONTROL~~
~~5~~	~~GENERAL NOTES~~
6 - 13	ROADWAY PLANS
14 - 16	SPECIAL DETAILS
~~17 - 21~~	~~TEMPORARY TRAFFIC CONTROL PLANS~~
22 - 29	SELECTIVE CLEARING AND GRUBBING PLAN
30 - 32	TREE DISPOSITION CHART
~~UTV-1*~~	~~UTILITY VERIFIED LOCATES~~

* These sheets are included in the Index of Roadway Plans only to indicate that it is part of the Roadway Plans. This sheets are contained in a separate digitally signed and sealed document.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID(s): 439991-1-52-01 & 439991-1-52-02

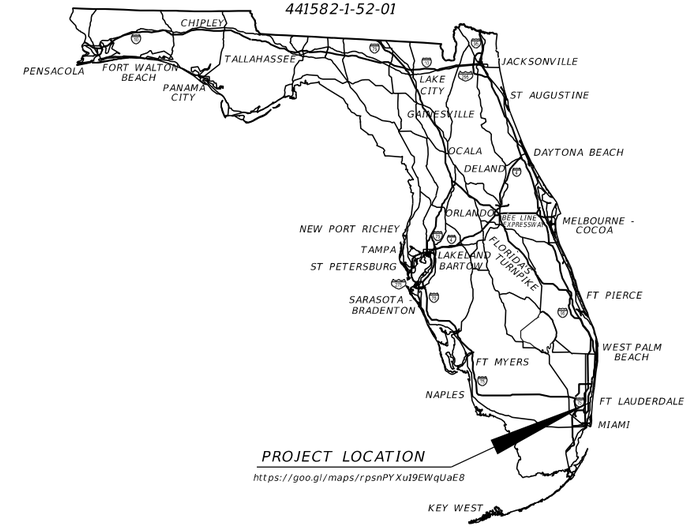
(FEDERAL FUNDS)

BROWARD COUNTY (86010)

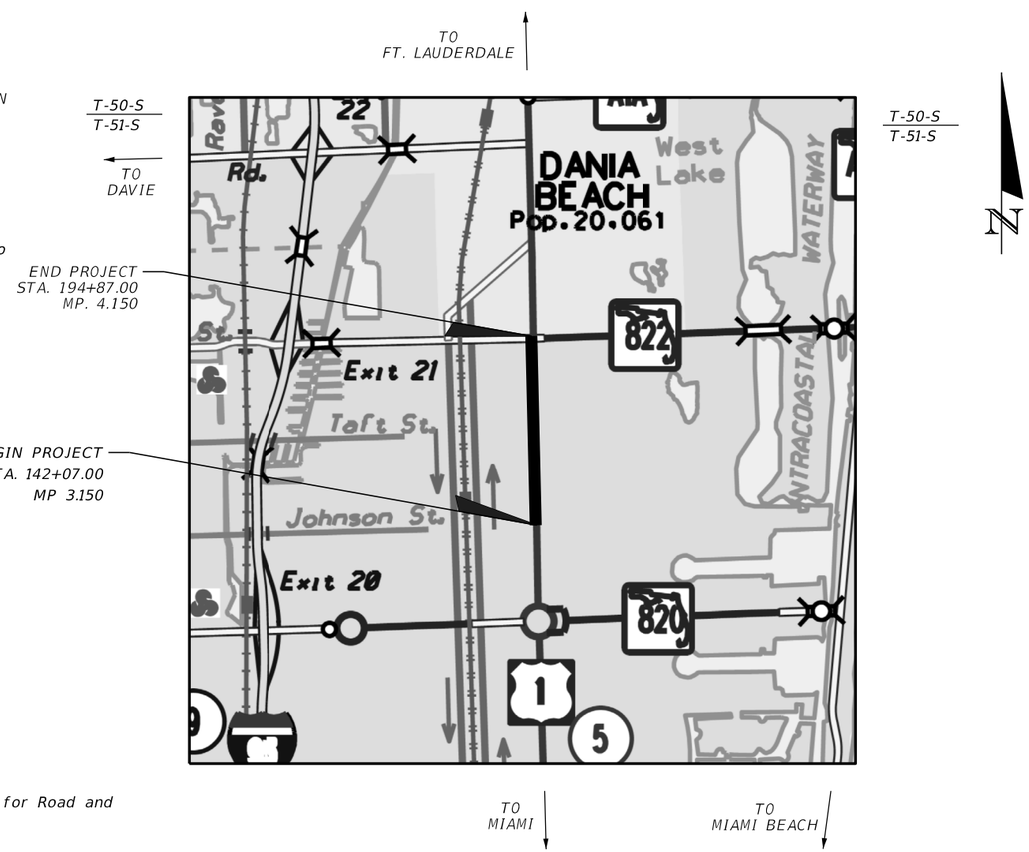
STATE ROAD NO. 5 (US-1/FEDERAL HWY)

FROM JOHNSON ST TO SR 822/SHERIDAN ST

THIS PROJECT TO BE LET TO CONTRACT WITH FINANCIAL PROJECT ID(S): 441582-1-52-01



PROJECT LOCATION
https://goo.gl/maps/rpsnPYXuI9EWqUaE8



GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2021-22 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: http://www.fdot.gov/design/standardplans

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, January 2022 Standard Specifications for Road and Bridge Construction at the following website: http://www.fdot.gov/programmanagement/Implemented/SpecBooks

ROADWAY PLANS ENGINEER OF RECORD:

FRANK PANELLAS, P.E.
P.E. LICENSE NUMBER 59448
TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
786-808-0090
CONTRACT NO. C-9R79
VENDOR #F455418595

FDOT PROJECT MANAGER:

VANDANA NAGOLE, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
T4611	22	1

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FRANK PANELLAS
LICENSE
No 59448
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B.
MIAMI, FLORIDA 33186
FRANK PANELLAS, P.E. 59448

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	TYPICAL SECTION
4	PROJECT CONTROL
5	GENERAL NOTES
6 - 13	ROADWAY PLAN
14 - 16	SPECIAL DETAILS

ALEJANDRO URIBE
LICENSE
No 75596
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

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GANNETT FLEMING, INC.
800 NW 62 AVENUE, SUITE 490
MAIMI, FLORIDA 33126
ALEJADRO URIBE, P.E. 75596

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
17 - 21	TEMPORARY TRAFFIC CONTROL PLANS

CHERYL CALLENDER
LICENSE
No 6667177
STATE OF
FLORIDA
LANDSCAPE ARCHITECT

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

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WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G10-11.011, F.A.C.

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
22 - 29	SELECTIVE CLEARING AND GRUBBING PLAN
30 - 32	TREE DISPOSITION CHART

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0090

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

SIGNATURE SHEET

SHEET NO. 2

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NOTES TO REVIEWERS:

1. STAMPED ASPHALT AND PAVERS ARE STILL BEING COORDINATED WITH THE CITY OF HOLLYWOOD.

2. THIS IS NOT A RRR PROJECT. THE SCOPE OF THIS PROJECT INCLUDES:

   - MILLING AND RESURFACING OF FRICTION COURSE TO PROVIDE A DESIGNATED 4' BICYCLE LANE ALONG EACH DIRECTION OF SR-5 (REQUIRES REDUCING INSIDE LANE FROM 11' TO 10' WITH A DESIGN VARIATION).
   - CORRECTION OF SECTIONS OF SIDEWALK LIFTED BY EXISTING ROOTS. INCLUDES ROOT PRUNING AS PREFERRED ALTERNATIVE.
   - INSTALLATION OF ADA COMPLIANT TREE GRATES ALONG THE CORRIDOR FOR EXISTING TREE LOCATIONS AND AT LOCATIONS IDENTIFIED FOR FUTURE TREE PLANTING, LOCATION OF TREE GRATES FOR FUTURE PLANTING HAVE NOT BEEN FINALIZED YET.
   - REPLACEMENT OF EXISTING CONCRETE PAVER CROSSWALKS AT SIGNALIZED INTERSECTIONS WITH CONSISTENT DECORATIVE CROSSWALK TREATMENT FOR ALL APPROACHES.
   - REPLACEMENT OF SECTIONS OF SIDEWALK AND UPGRADES OF CURB RAMPS FOR ADA COMPLIANCE.
   - UPGRADE OF PEDESTRIAN PUSH BUTTONS TO COMPLY WITH ADA.
   - REPLACEMENT OF EXISTING LIGHTING WITH LED FIXTURES.
   - LIGHTING RETROFIT AT SIGNALIZED INTERSECTIONS.
   - ADDITION OF PEDESTRIAN LEVEL LIGHTING TO SUPPLEMENT EXISTING SYSTEM.

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REVISIONS			
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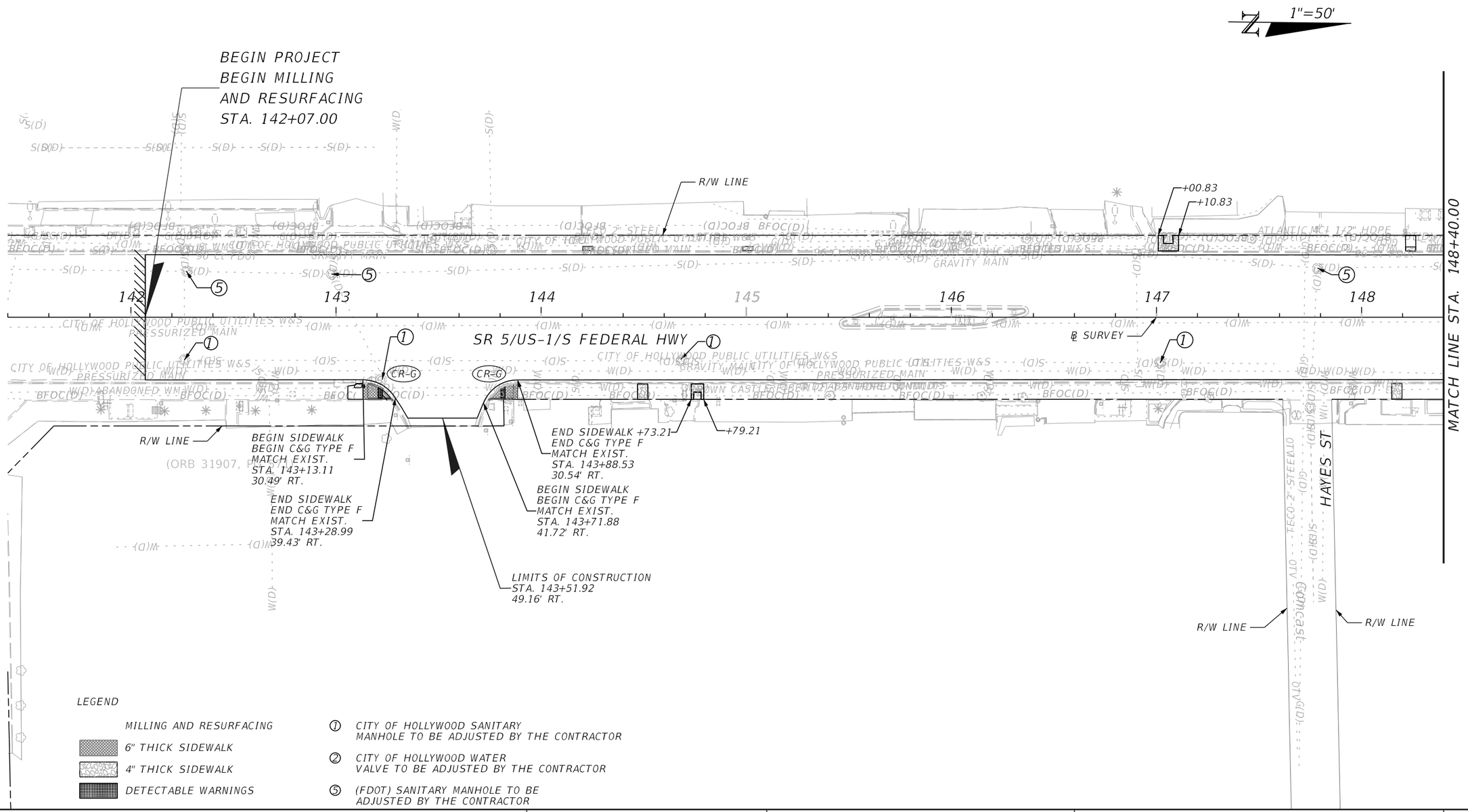
TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0090
ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

NOTES TO REVIEWER

SHEET NO. 2A



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

ROADWAY PLAN

SHEET NO. 6

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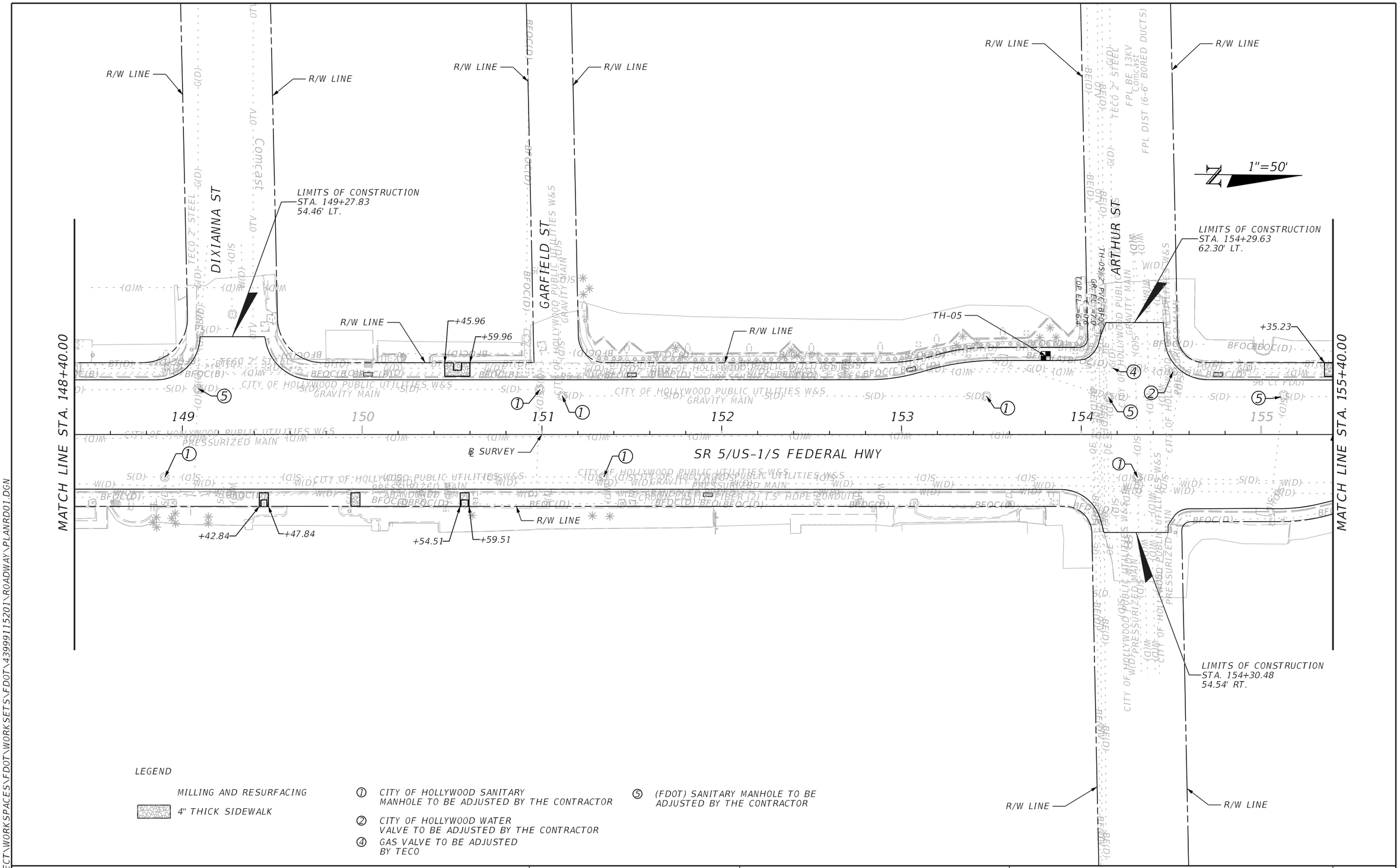

LEGEND

MILLING AND RESURFACING

4" THICK SIDEWALK

① CITY OF HOLLYWOOD SANITARY MANHOLE TO BE ADJUSTED BY THE CONTRACTOR

② CITY OF HOLLYWOOD WATER VALVE TO BE ADJUSTED BY THE CONTRACTOR

④ GAS VALVE TO BE ADJUSTED BY TECO

⑤ (FDOT) SANITARY MANHOLE TO BE ADJUSTED BY THE CONTRACTOR

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

ROADWAY PLAN

SHEET NO. 7

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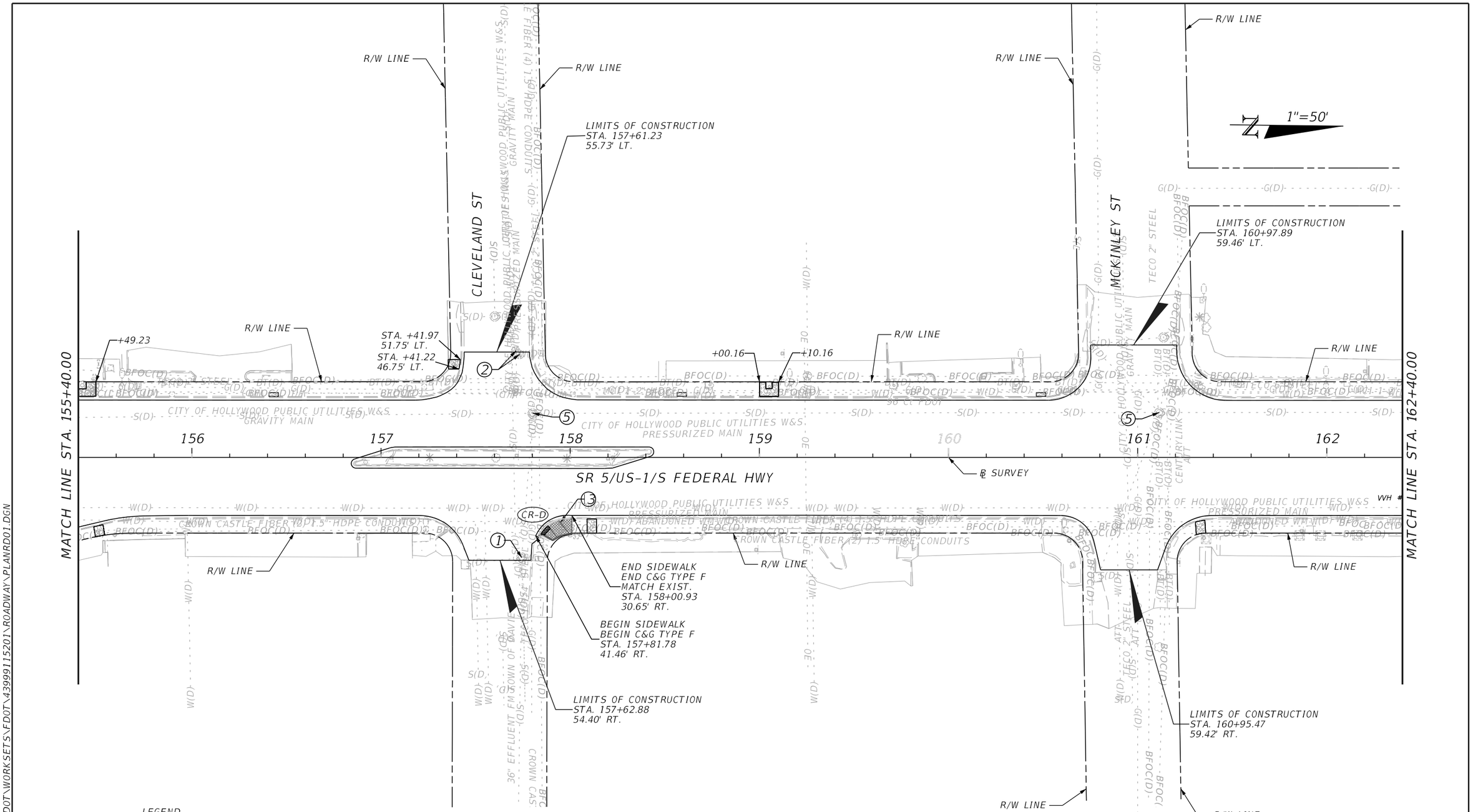

LEGEND

MILLING AND RESURFACING

6" THICK SIDEWALK

4" THICK SIDEWALK

DETECTABLE WARNINGS

① CITY OF HOLLYWOOD SANITARY MANHOLE TO BE ADJUSTED BY THE CONTRACTOR

② CITY OF HOLLYWOOD WATER VALVE TO BE ADJUSTED BY THE CONTRACTOR

③ PULLBOX TO BE ADJUSTED BY CROWN CASTLE FIBER

④ GAS VALVE TO BE ADJUSTED BY TECO

⑤ (FDOT) SANITARY MANHOLE TO BE ADJUSTED BY THE CONTRACTOR

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

ROADWAY PLAN

SHEET NO. 8

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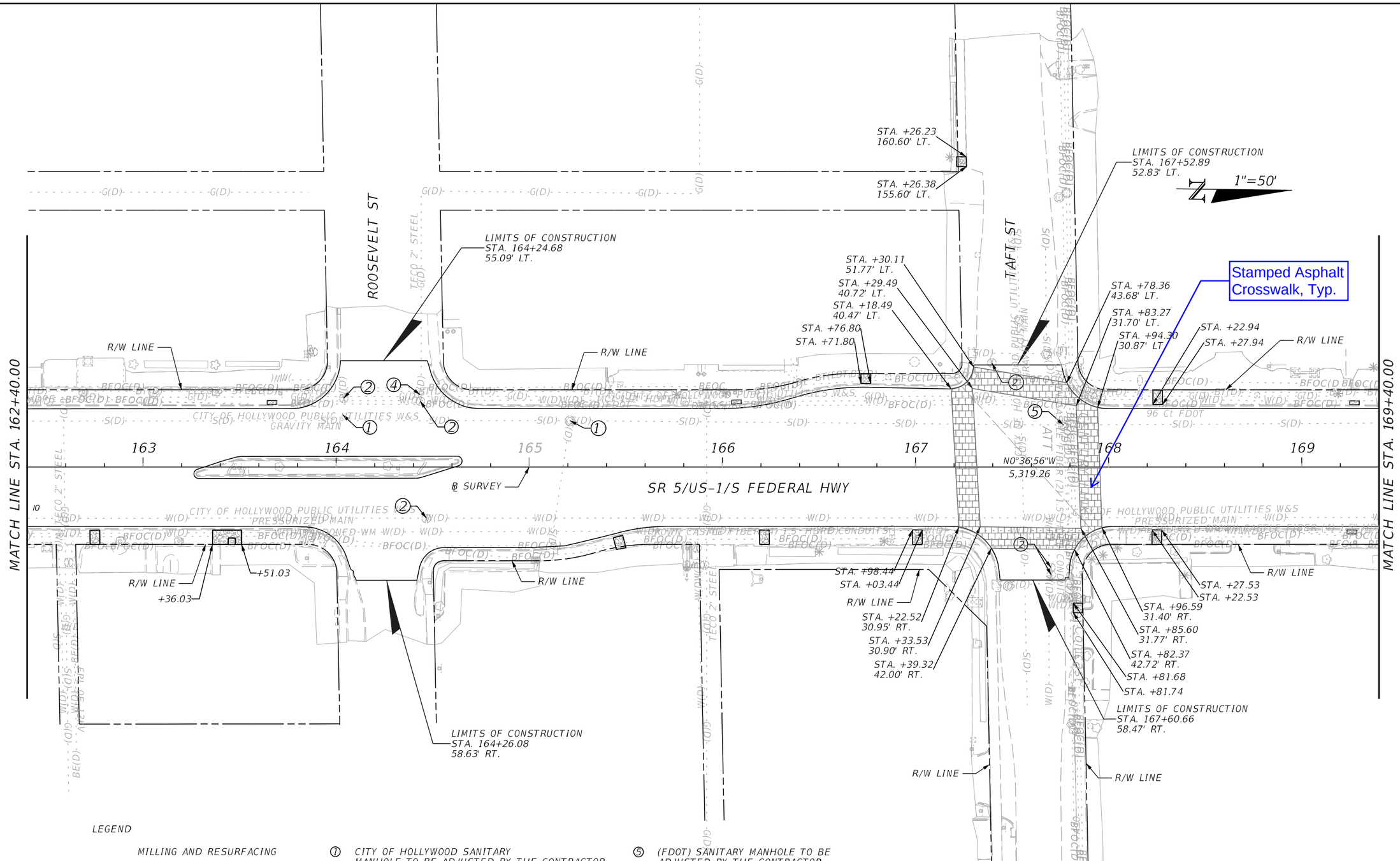

LEGEND

MILLING AND RESURFACING

STAMPED ASPHALT

4" THICK SIDEWALK

① CITY OF HOLLYWOOD SANITARY MANHOLE TO BE ADJUSTED BY THE CONTRACTOR

② CITY OF HOLLYWOOD WATER VALVE TO BE ADJUSTED BY THE CONTRACTOR

④ GAS VALVE TO BE ADJUSTED BY TECO

⑤ (FDOT) SANITARY MANHOLE TO BE ADJUSTED BY THE CONTRACTOR

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

ROADWAY PLAN

SHEET NO. 9

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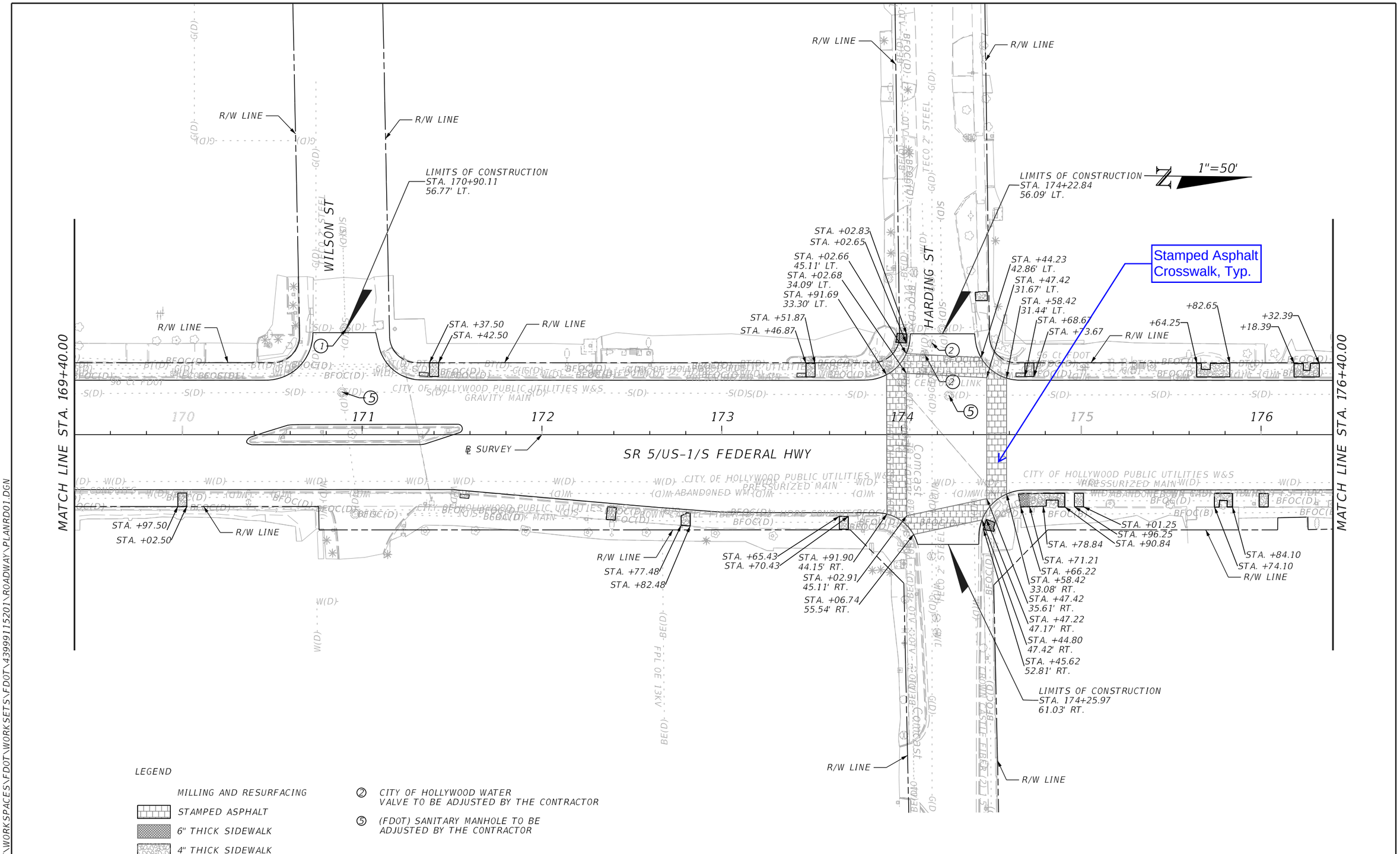

LEGEND

MILLING AND RESURFACING

STAMPED ASPHALT

6" THICK SIDEWALK

4" THICK SIDEWALK

② CITY OF HOLLYWOOD WATER VALVE TO BE ADJUSTED BY THE CONTRACTOR

⑤ (FDOT) SANITARY MANHOLE TO BE ADJUSTED BY THE CONTRACTOR

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

ROADWAY PLAN

SHEET NO. 10

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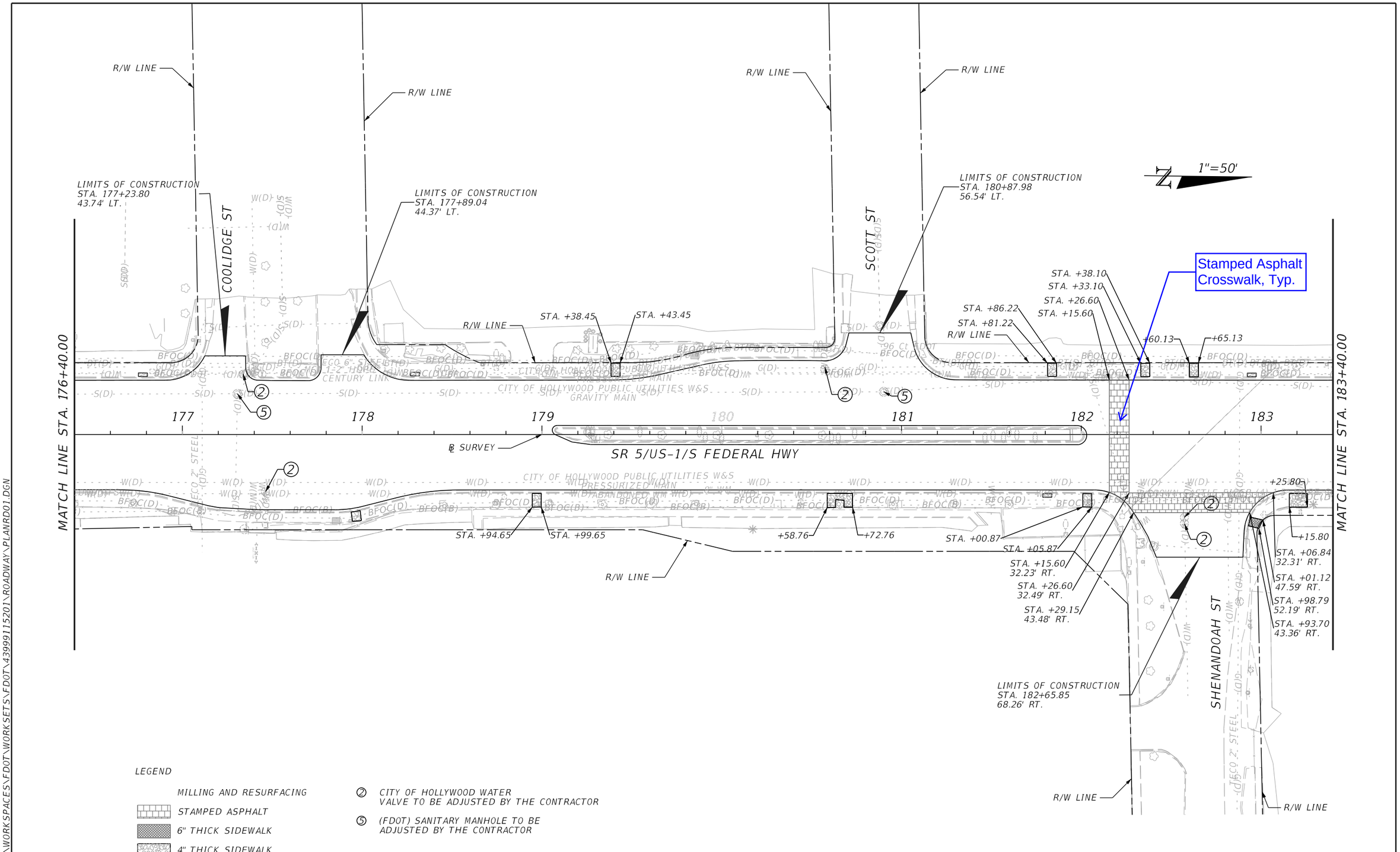

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

ROADWAY PLAN

SHEET NO. 11

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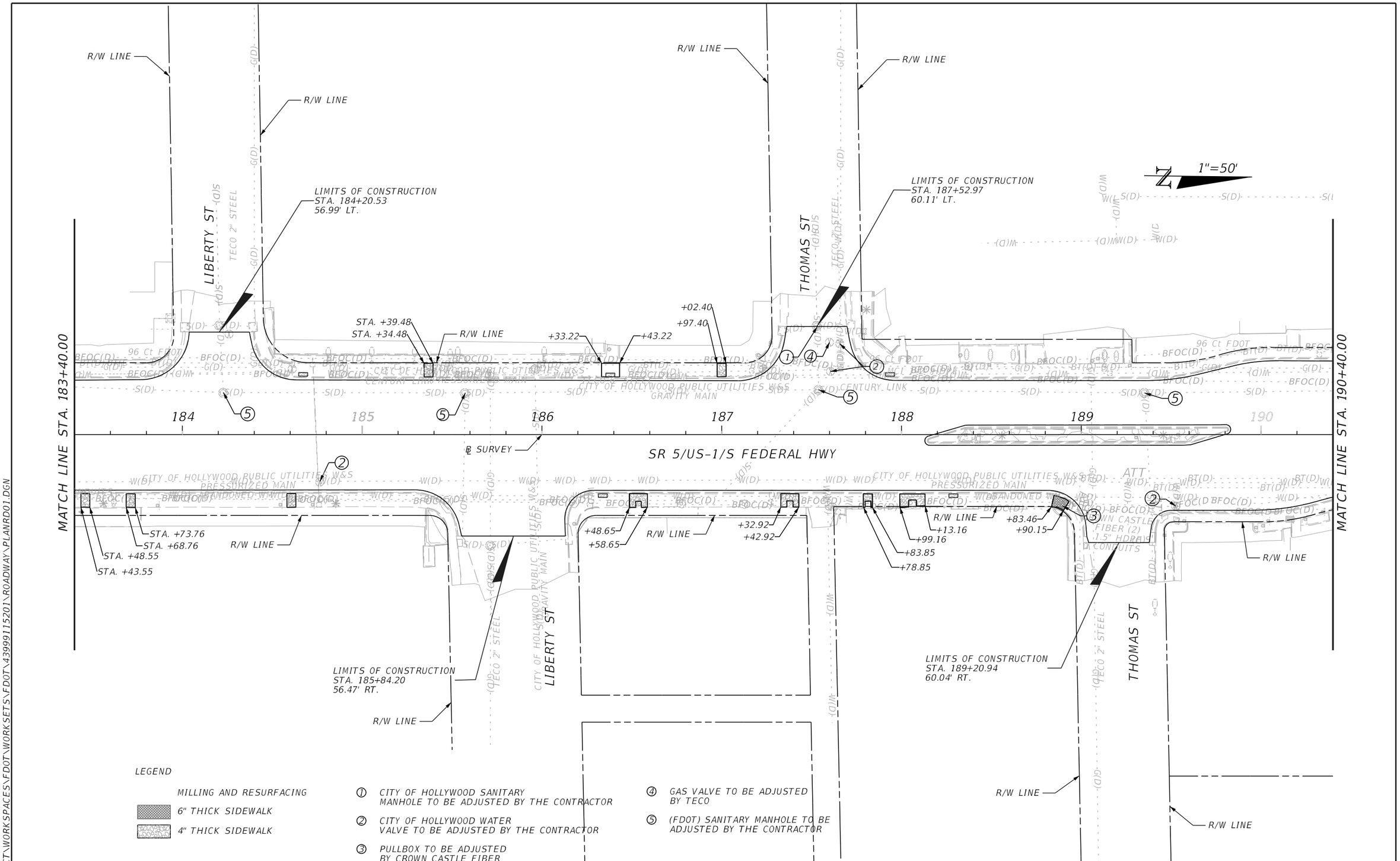

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

ROADWAY PLAN

SHEET NO. 12

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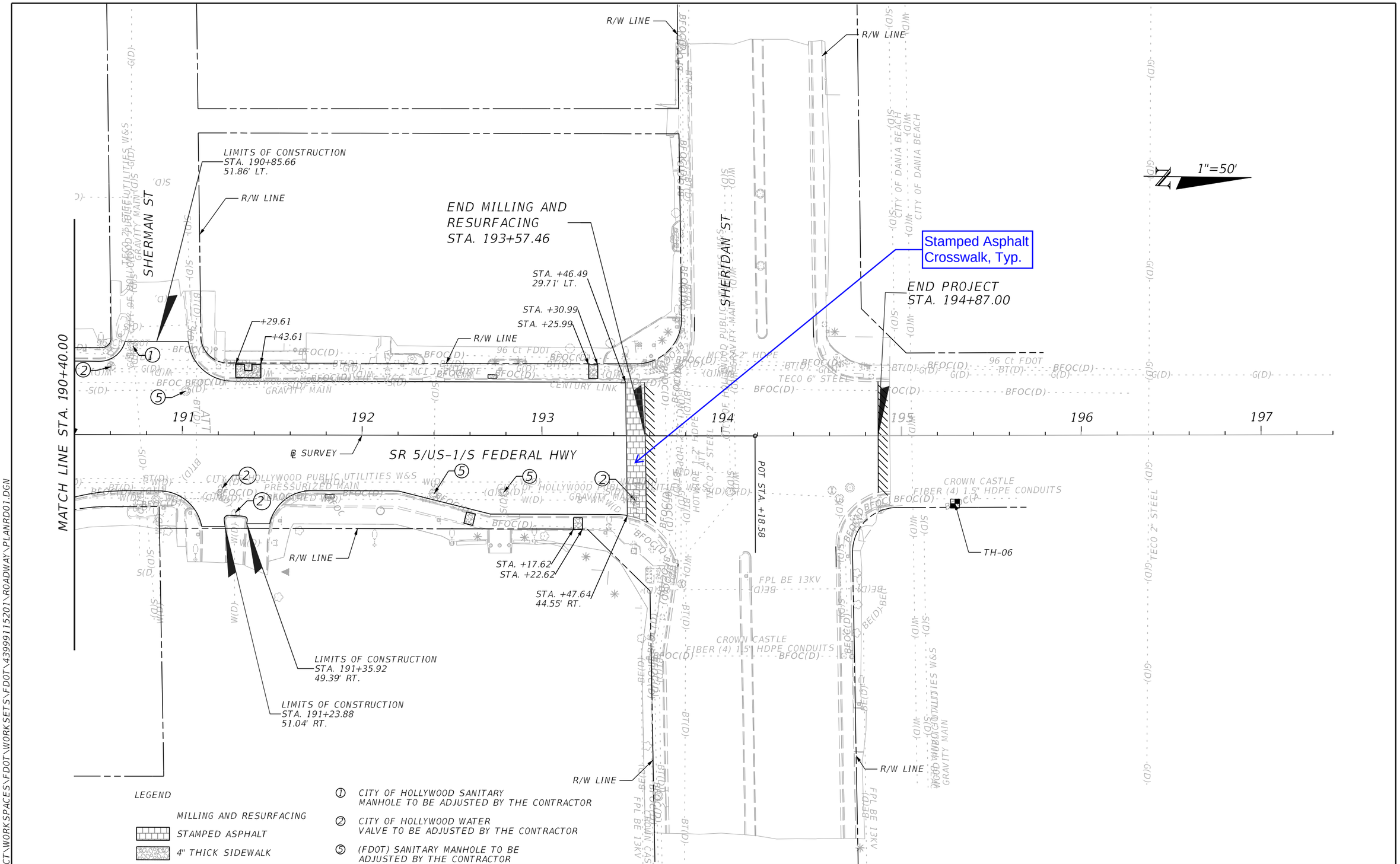

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REVISIONS			
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TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
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ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

ROADWAY PLAN

SHEET NO. 13

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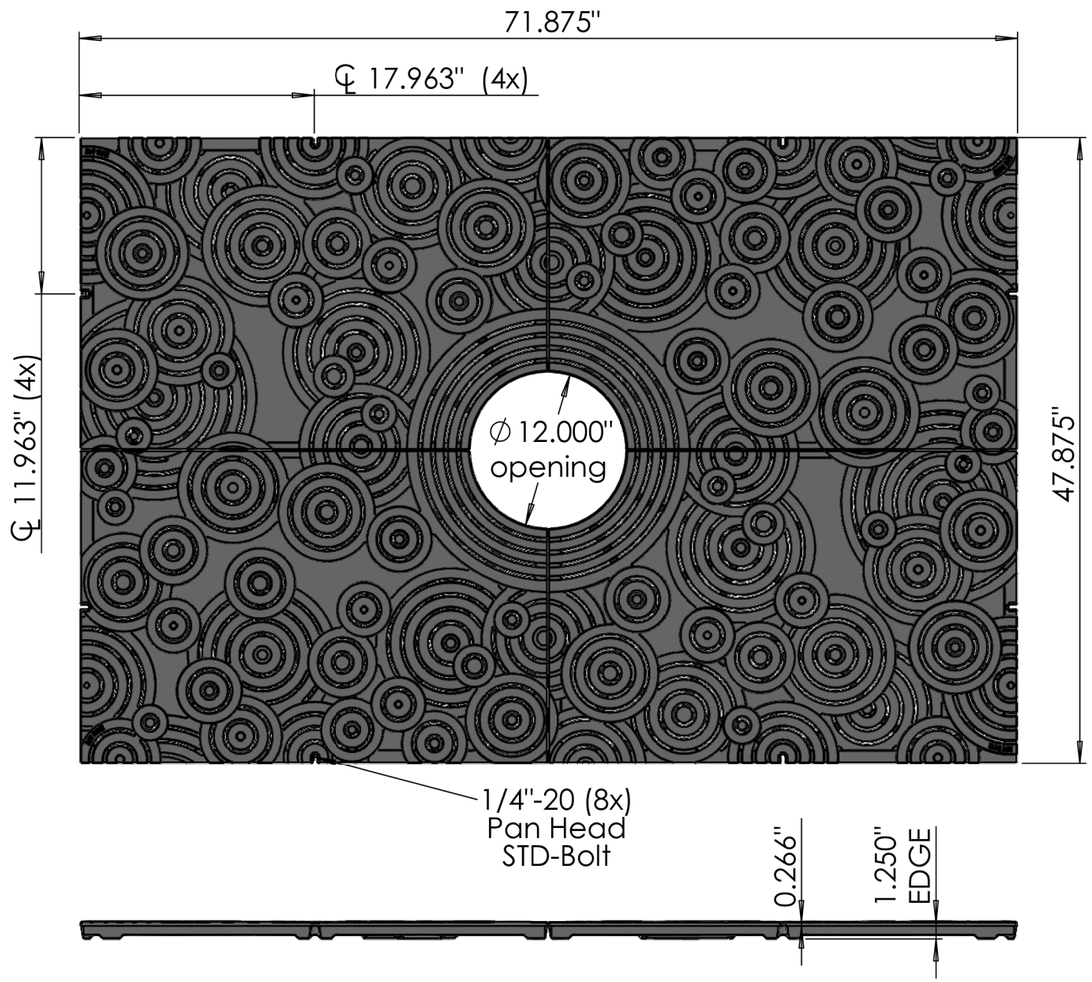
NOTES:

1. TREE GRATE SHALL BE "OBLIO 4'X6' HEEL PROOF" (PRODUCT ID OX48-72199TGHP) WITH CAST IRON/BAKE-ON OIL FINISH. REFER TO WEBSITE HTTPS://WWW.IRONAGEGRATES.COM/PRODUCT/TREE-GRATES-OBLIO/#SPECS FOR ADDITIONAL PRODUCT SPECIFICATIONS.

2. REPLACE EXISTING SIDEWALK AROUND PROPOSED TREE GRATE TO THE NEAREST JOINT TO ATTACH PROPOSED "IRON AGE TYPE 'E' TREE RATE FRAME" PER MANUFACTURER'S RECOMMENDATION. REFER TO WENSITE HTTPS://WWW.IRONAGEGRATES.COM/WP CONTENT/UPLOADS/2017/05/EFRAMEINSTALL.PDF FOR FRAME INSTALLATION DETAILS.



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

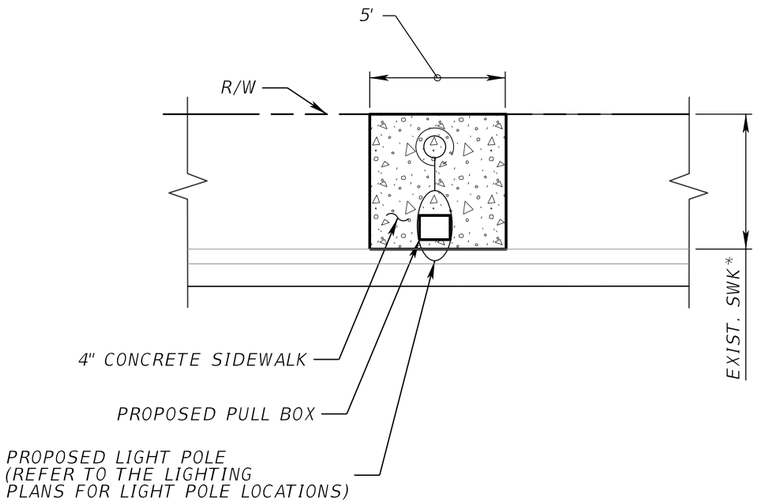
ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

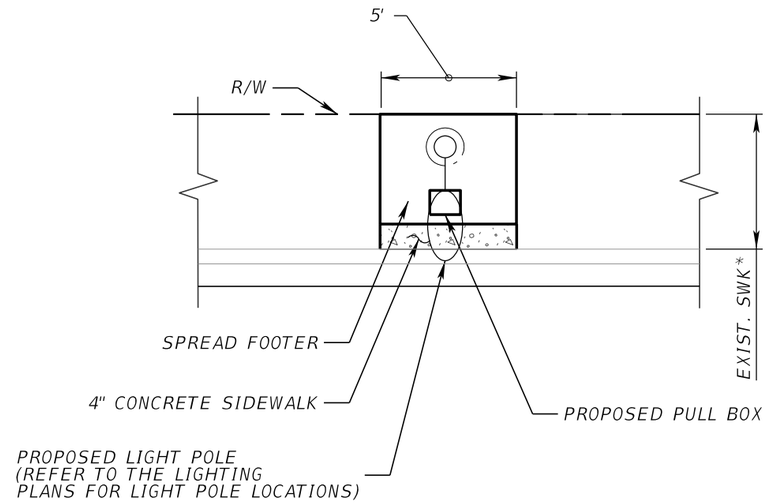
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

SPECIAL DETAILS

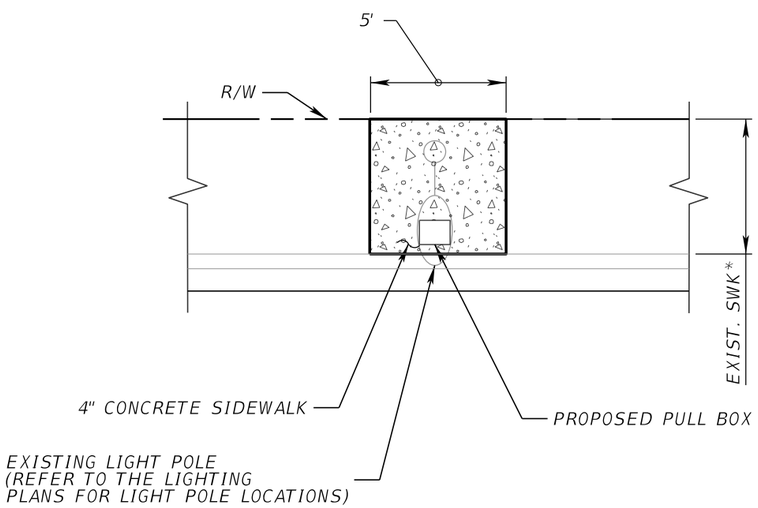
SHEET NO. 14



CONCRETE SIDEWALK RESTORATION DETAIL FOR PROPOED LIGHT POLES



SPREAD FOOTER/CONCRETE SIDEWALK RESTORATION DETAIL FOR PROPOED LIGHT POLES



CONCRETE SIDEWALK RESTORATION DETAIL

* USE SAME CONCRETE SIDEWALK RESTORATION DETAIL ON LOCATIONS OF EXISTING AND PROPOSED PAVERS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

SPECIAL DETAILS

SHEET NO. 15

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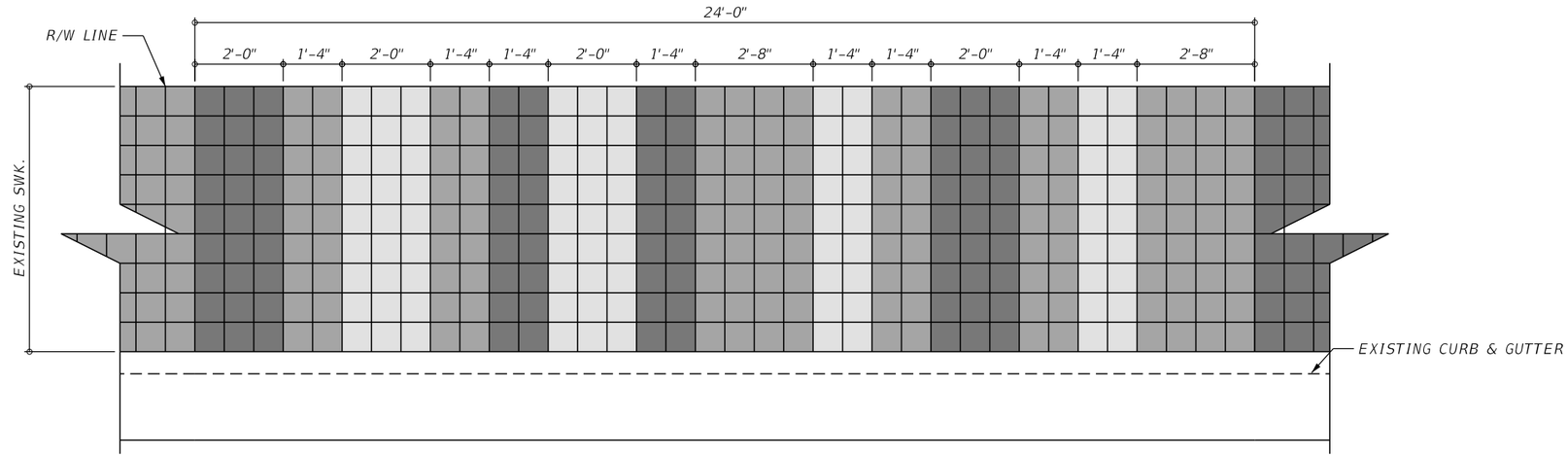
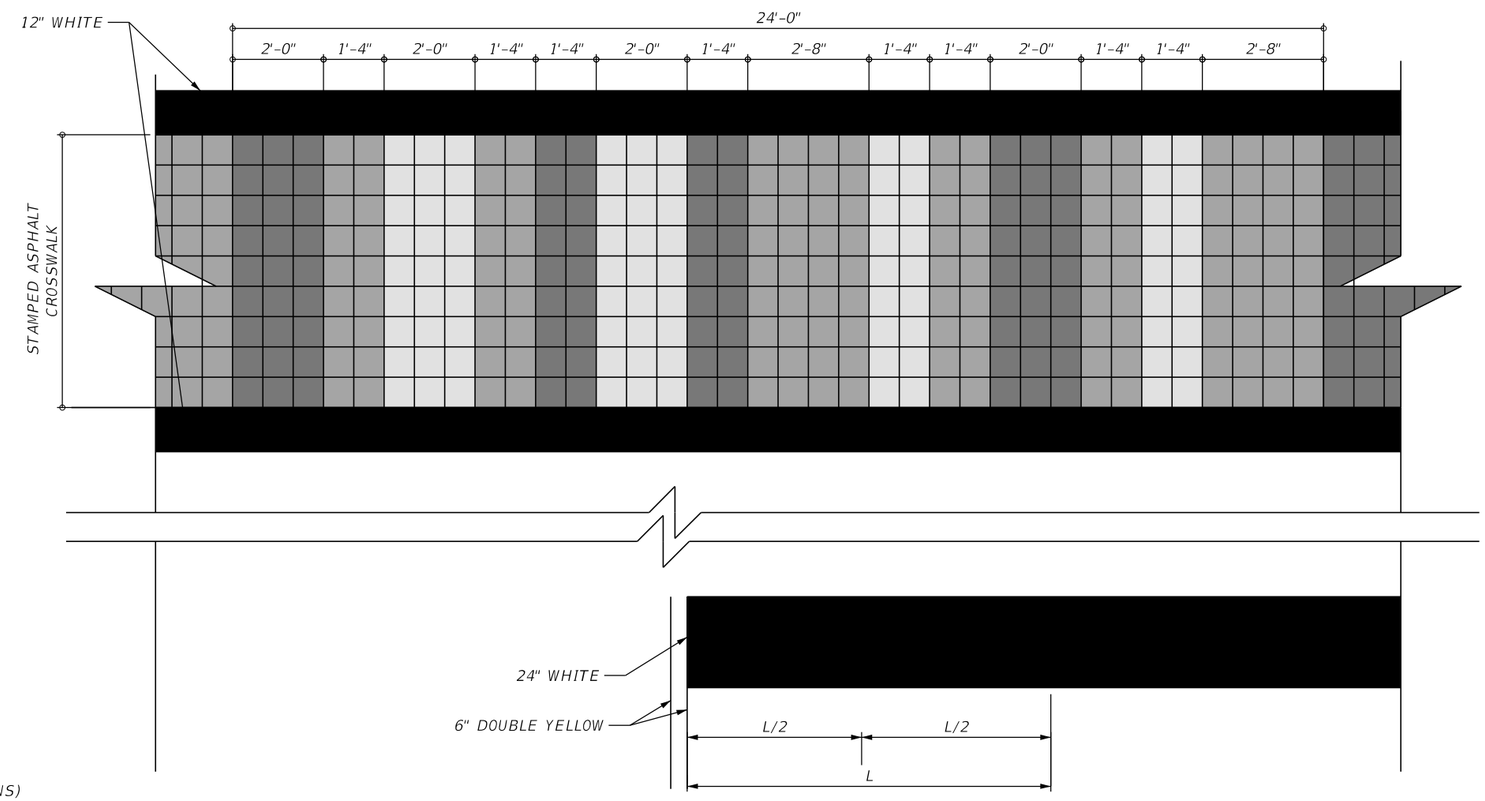


PAVER INSTALLATION DATILS AT SIDEWALKS

N.T.S

DO NOT INSTALL STAMPED ASPHALT AT THE LANE LINE LOCATIONS AS WELL AS THE CENTER OF THE TRAVEL LANES TO BE ABLE TO INSTALL THE PROPOSED PERFORMED 24" WHITE THERMOPLASTIC FOR THE EMPHASIZED CROSSWALK PAVEMENT MAKINGS



LEGEND

- GRAPHITE
- CONCRETE GREY
- WHITE
- L = LANE WIDTH (REFER TO S&P PLANS)

STAMPED ASPHALT INSTALLATION DETAILS AT CROSSWALKS

N.T.S

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

SPECIAL DETAILS

SHEET NO. 16

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1"=50'

BEGIN SELECTIVE CLEARING
& GRUBBING PLAN
STA. 142+07.00

R/W LINE

CITY OF HOLLYWOOD PUBLIC UTILITIES W&S
PRESSURIZED MAIN

200 201 202 203 204 205 206 207

142 143 144 145 146 147 148

SR 5/US-1/S FEDERAL HWY

℄ SURVEY

208 209 210 211 212

R/W LINE

Metal Tree Grate
Tree 210

HAYES ST

MATCH LINE STA. 148+40.00

LEGEND

ROOT PRUNE/GRIND AS NECESSARY
(ISA CERTIFIED ARBORIST REQUIRED)

EXISTING TREE TO REMAIN

EXISTING TREE

EXISTING PALM

ROADWAY IMPROVEMENTS

4" THICK SIDEWALK

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO. 22

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1"=50'

R/W LINE

DIXIANNA ST

GARFIELD ST

ARTHUR ST

MATCH LINE STA. 148+40.00

MATCH LINE STA. 155+40.00

149 150 151 152 153 154 155

CITY OF HOLLYWOOD PUBLIC UTILITIES W&S PRESSURIZED MAIN

℄ SURVEY

SR 5/US-1/S FEDERAL HWY

2|3 2|4 214 215 216 217 218 219 220 221

LEGEND

ROOT PRUNE/GRIND AS NECESSARY (ISA CERTIFIED ARBORIST REQUIRED)

EXISTING TREE TO REMAIN

EXISTING TREE

EXISTING PALM

ROADWAY IMPROVEMENTS

4" THICK SIDEWALK

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO. 23

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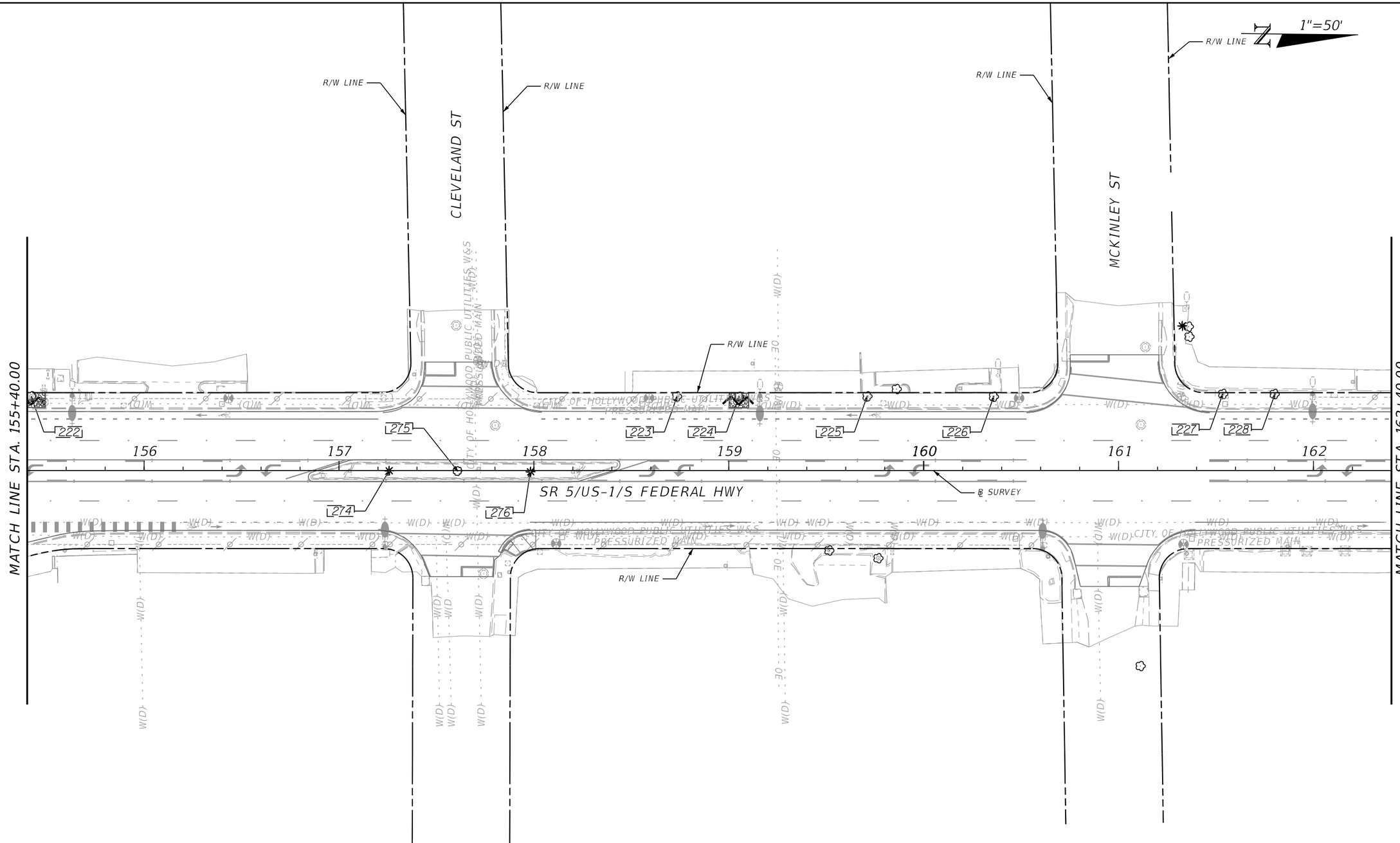

LEGEND

EXISTING TREE TO BE REMOVED (ISA CERTIFIED ARBORIST REQUIRED)	EXISTING TREE
EXISTING TREE TO REMAIN	EXISTING PALM

ROADWAY IMPROVEMENTS

4" THICK SIDEWALK

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO. 24

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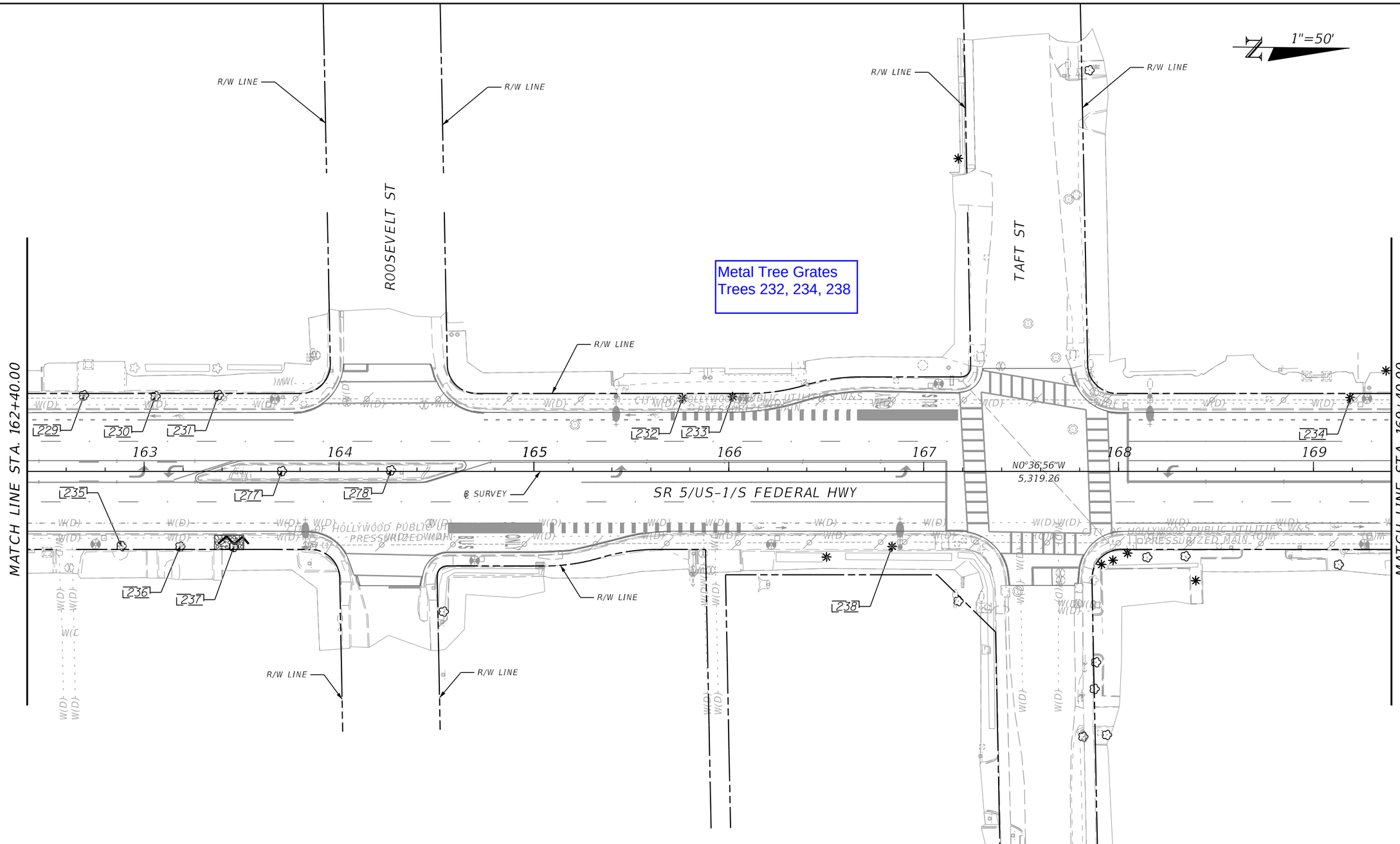

LEGEND

ROOT PRUNE/GRIND AS NECESSARY (ISA CERTIFIED ARBORIST REQUIRED)

EXISTING TREE TO REMAIN

EXISTING TREE

EXISTING PALM

ROADWAY IMPROVEMENTS

4" THICK SIDEWALK

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO. 25

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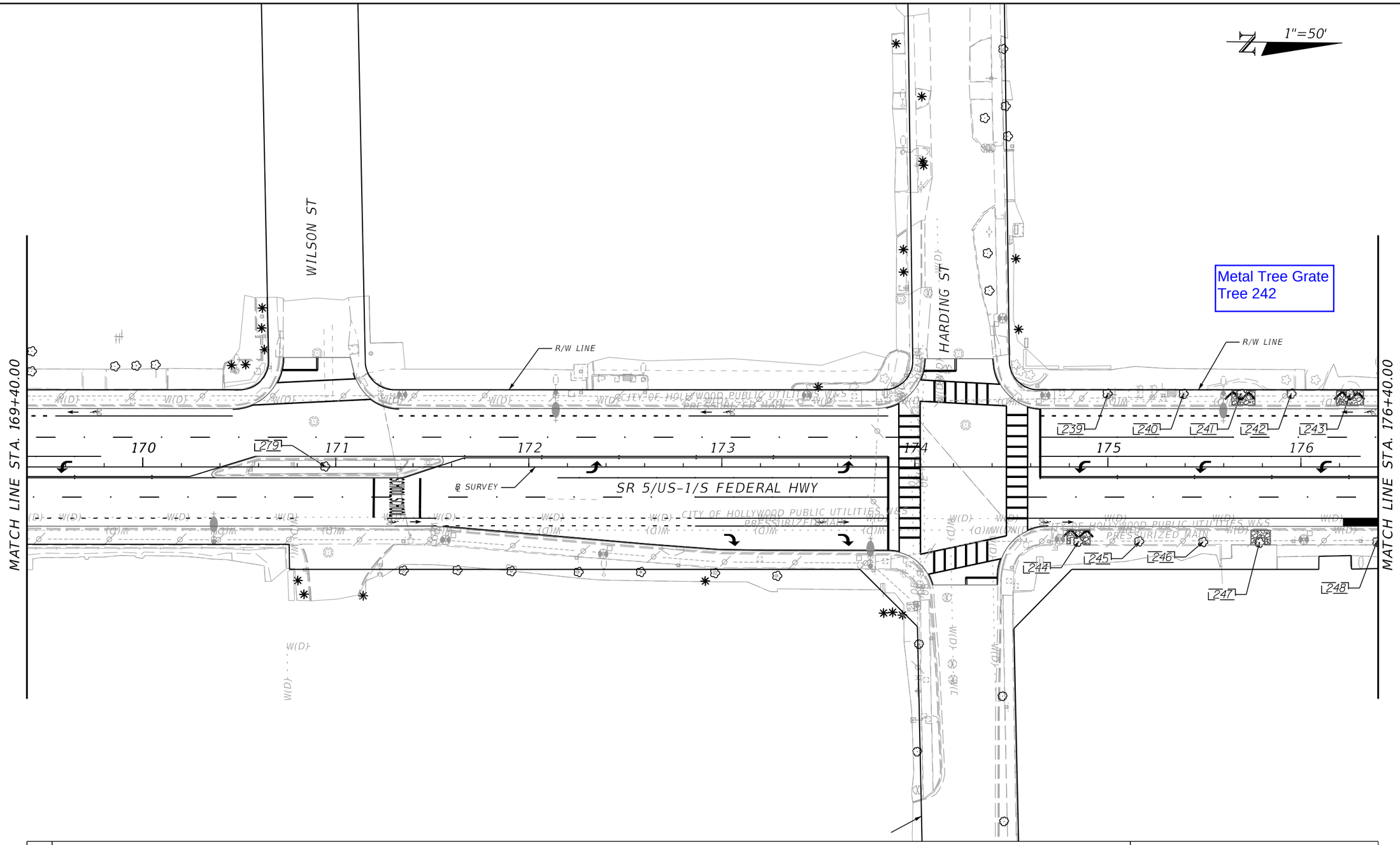

LEGEND

ROOT PRUNE/GRIND AS NECESSARY
(ISA CERTIFIED ARBORIST REQUIRED)

EXISTING TREE TO REMAIN

ROADWAY IMPROVEMENTS

4" THICK SIDEWALK

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO. 26

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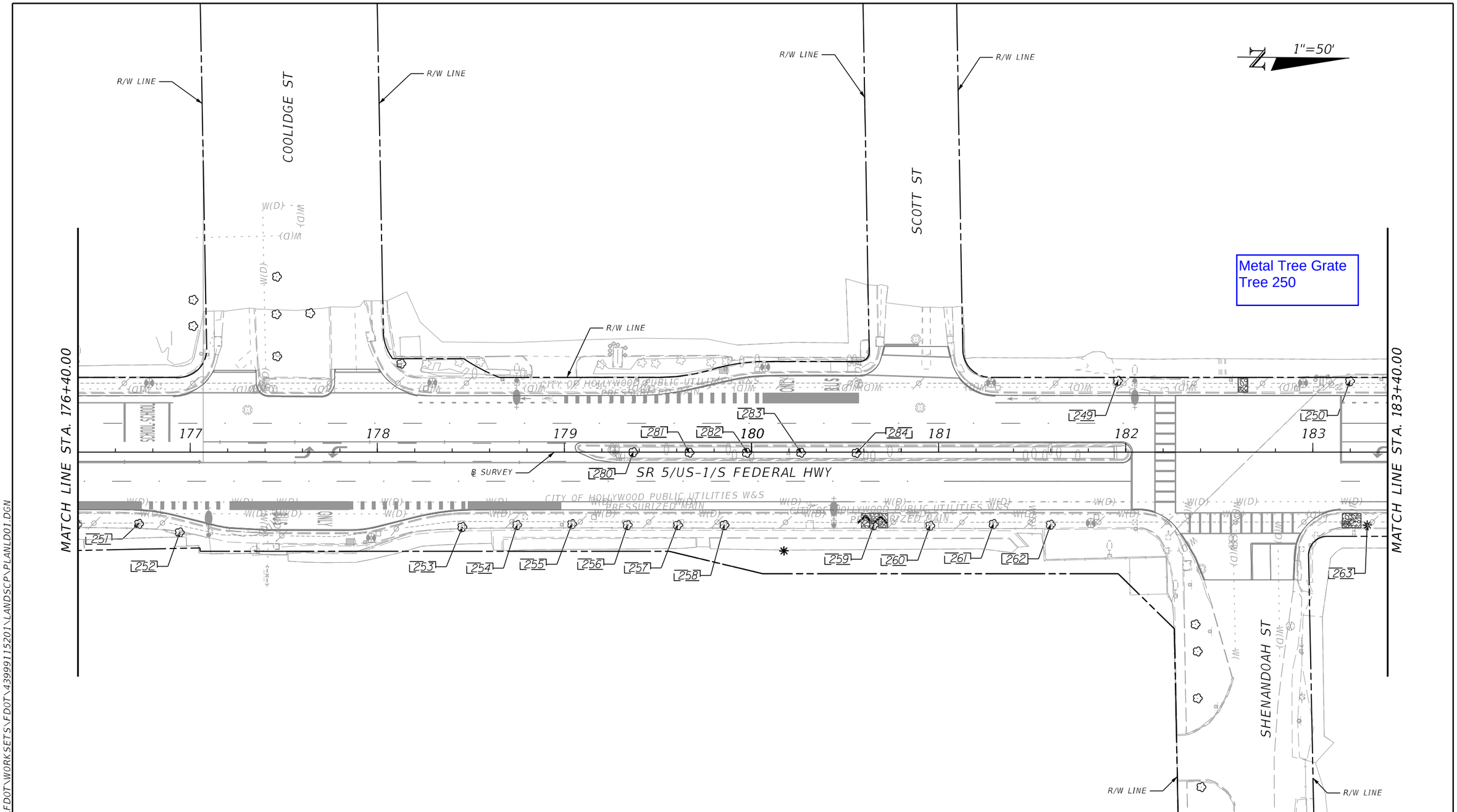

LEGEND

- ROOT PRUNE/GRIND AS NECESSARY (ISA CERTIFIED ARBORIST REQUIRED)
- EXISTING TREE TO REMAIN
- EXISTING TREE
- EXISTING PALM

ROADWAY IMPROVEMENTS

- 4" THICK SIDEWALK

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO. 27

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.

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1"=50'

R/W LINE

LIBERTY ST

THOMAS ST

MATCH LINE STA. 183+40.00

MATCH LINE STA. 190+40.00

184 185 186 187 188 189 190

SCHOOL SIGNAL

℄ SURVEY

SR 5/US-1/S FEDERAL HWY

CITY OF HOLLYWOOD PUBLIC UTILITIES W&S PRESSURIZED MAIN

264 265 266 267 268 269 270 271 285 286

Metal Tree Grates
Trees 265, 266

LEGEND

- EXISTING TREE TO BE REMOVED (ISA CERTIFIED ARBORIST REQUIRED)
- EXISTING TREE TO REMAIN
- EXISTING TREE
- EXISTING PALM

ROADWAY IMPROVEMENTS

- 4" THICK SIDEWALK

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO. 28

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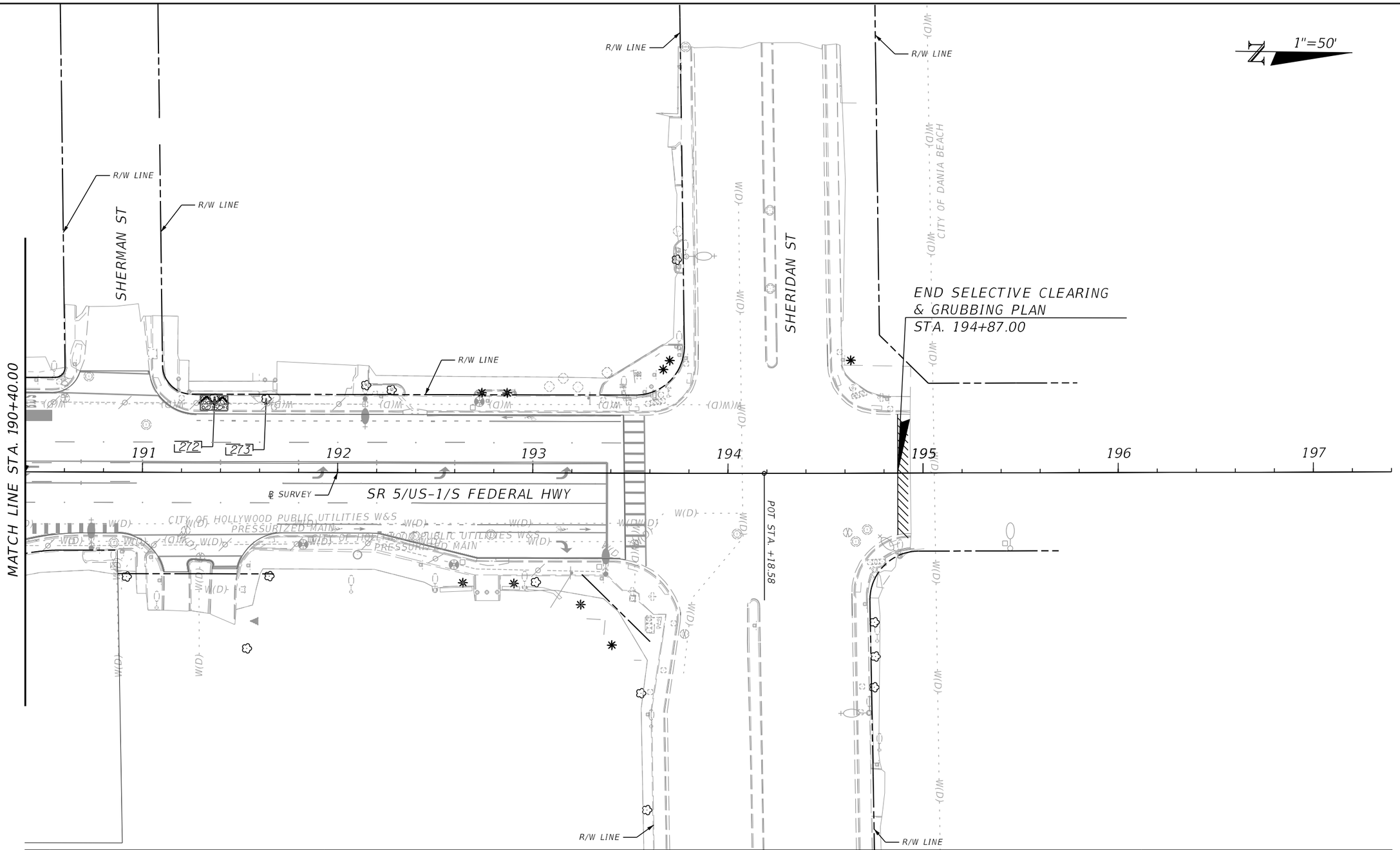

LEGEND

ROOT PRUNE/GRIND AS NECESSARY (ISA CERTIFIED ARBORIST REQUIRED)

EXISTING TREE TO REMAIN

EXISTING TREE

EXISTING PALM

ROADWAY IMPROVEMENTS

4" THICK SIDEWALK

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO. 29

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.

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SHEET NUMBER	TREE NO.	SYMBOL	BOTANICAL NAME	COMMON NAME	CALIPER/ DBH (INCHES)	HEIGHT (FEET) (APPROX.)	SPREAD (FEET) (APPROX.)	LOCATION		CONDITION	DISPOSITION	NOTES
								STA.	OFFSET/SIDE			
21	200	TH	TABEBUIA HETEROPHYLLA	PINK TRUMPET TREE	7	20	12	142+31.54	41.46 / LT	GOOD	REMAIN	TREE OUTSIDE OF R/W
21	201	TH	TABEBUIA HETEROPHYLLA	PINK TRUMPET TREE	4	15	10	142+54.13	41.47 / LT	GOOD	REMAIN	TREE OUTSIDE OF R/W
21	202							142+82.51	41.59 / LT			MISSING TREE
21	203	QV	QUERCUS VIRGINIANA	LIVE OAK	18	25	48	143+46.63	38.45 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
21	204	QV	QUERCUS VIRGINIANA	LIVE OAK	18	35	42	146+00.95	38.32 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
21	205	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	48	146+36.82	38.40 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
21	206	QV	QUERCUS VIRGINIANA	LIVE OAK	32	40	40	147+05.22	38.38 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
21	207	QV	QUERCUS VIRGINIANA	LIVE OAK	16	35	35	147+46.69	38.37 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
21	208	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	30	144+76.41	37.78 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
21	209	QV	QUERCUS VIRGINIANA	LIVE OAK	20	30	25	145+40.93	38.20 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
21	210	QV	QUERCUS VIRGINIANA	LIVE OAK	10	30	25	146+14.75	38.67 / RT	GOOD	REMAIN	METAL 'OBLIO' GRATE WITH 20 INCHES OPENING
21	211	QV	QUERCUS VIRGINIANA	LIVE OAK	10	30	20	146+34.70	39.00 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
21	212	QV	QUERCUS VIRGINIANA	LIVE OAK	20	40	34	147+25.88	38.96 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
22	213	QV	QUERCUS VIRGINIANA	LIVE OAK	17	30	34	150+53.60	38.05 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
22	214	QV	QUERCUS VIRGINIANA	LIVE OAK	12	30	34	148+50.17	37.87 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
22	215	QV	QUERCUS VIRGINIANA	LIVE OAK	14	30	30	148+94.77	37.93 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
22	216	QV	QUERCUS VIRGINIANA	LIVE OAK	12	30	30	149+45.38	38.34 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
22	217	QV	QUERCUS VIRGINIANA	LIVE OAK	22	40	42	150+22.45	38.02 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
22	218	QV	QUERCUS VIRGINIANA	LIVE OAK	17	35	22	150+56.82	38.76 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
22	219	QV	QUERCUS VIRGINIANA	LIVE OAK	18	40	34	151+44.49	38.50 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
22	220	QV	QUERCUS VIRGINIANA	LIVE OAK	11	30	34	152+76.67	37.93 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
22	221	QV	QUERCUS VIRGINIANA	LIVE OAK	18	30	38	153+07.20	37.95 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
23	222	QV	QUERCUS VIRGINIANA	LIVE OAK	21	35	42	155+42.12	38.17 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
23	223	QV	QUERCUS VIRGINIANA	LIVE OAK	13	30	28	158+73.35	38.10 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
23	224	QV	QUERCUS VIRGINIANA	LIVE OAK	13	30	35	159+05.25	37.72 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
23	225	QV	QUERCUS VIRGINIANA	LIVE OAK	10	30	21	159+71.21	38.01 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
23	226	QV	QUERCUS VIRGINIANA	LIVE OAK	10	15	12	160+36.21	38.05 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
23	227	QV	QUERCUS VIRGINIANA	LIVE OAK	20	35	44	161+53.47	39.45 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
23	228	QV	QUERCUS VIRGINIANA	LIVE OAK	12	30	38	161+80.20	39.24 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
24	229	QV	QUERCUS VIRGINIANA	LIVE OAK	18	30	36	162+69.15	39.00 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
24	230	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	38	163+05.87	38.74 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
24	231	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	44	163+38.16	39.25 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
24	232	RR	ROYSTONEA REGIA	ROYAL PALM	15	18 CT	15	165+76.30	37.63 / LT	GOOD	REMAIN	METAL 'OBLIO' GRATE WITH 20 INCHES OPENING
24	233	RR	ROYSTONEA REGIA	ROYAL PALM	15	18 CT	15	166+01.98	38.29 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - (PALM LOCATION)
24	234	WB	WODYETIA BIFURCATA	FOXTAIL PALM	6	11 CT	12	169+18.81	37.96 / LT	FAIR	REMAIN	METAL 'OBLIO' GRATE WITH 20 INCHES OPENING / REMOVE EXISTING TREE GRATE
24	235	QV	QUERCUS VIRGINIANA	LIVE OAK	20	35	50	162+88.36	38.29 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
24	236	QV	QUERCUS VIRGINIANA	LIVE OAK	16	35	32	163+18.49	38.53 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
24	237	QV	QUERCUS VIRGINIANA	LIVE OAK	20	35	38	163+46.14	38.46 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WANTMAN GROUP, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

TREE DISPOSITION CHART

SHEET NO. 30

8/3/2021 5:54:38 PM CherylCallender
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.

SHEET NUMBER	TREE NO.	SYMBOL	BOTANICAL NAME	COMMON NAME	CALIPER/ DBH (INCHES)	HEIGHT (FEET) (APPROX.)	SPREAD (FEET) (APPROX.)	LOCATION		CONDITION	DISPOSITION	NOTES
								STA.	OFFSET/SIDE			
24	238	WB	WODYETIA BIFURCATA	FOXTAIL PALM	8	10 CT	10	166+83.79	38.47 / RT	FAIR	REMAIN	METAL 'OBLIO' GRATE WITH 20 INCHES OPENING
25	239	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	22	175+00.06	37.95 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
25	240	QV	QUERCUS VIRGINIANA	LIVE OAK	18	30	20	175+39.25	37.97 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
25	241	QV	QUERCUS VIRGINIANA	LIVE OAK	18	30	28	175+69.13	37.87 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
25	242	QV	QUERCUS VIRGINIANA	LIVE OAK	12	30	18	175+95.00	38.03 / LT	GOOD	REMAIN	METAL 'OBLIO' GRATE WITH 20 INCHES OPENING
25	243	QV	QUERCUS VIRGINIANA	LIVE OAK	24	30	44	176+25.63	38.00 / LT	FAIR	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
25	244	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	40	174+84.63	38.79 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
25	245	QV	QUERCUS VIRGINIANA	LIVE OAK	16	30	40	175+16.15	38.51 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
25	246	QV	QUERCUS VIRGINIANA	LIVE OAK	18	30	42	175+49.30	38.84 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
25	247	QV	QUERCUS VIRGINIANA	LIVE OAK	18	30	34	175+78.55	38.89 / RT	POOR	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
25	248	QV	QUERCUS VIRGINIANA	LIVE OAK	15	35	30	176+39.47	38.63 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
26	249	QV	QUERCUS VIRGINIANA	LIVE OAK	12	25	30	181+95.79	38.20 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
26	250	QV	QUERCUS VIRGINIANA	LIVE OAK	12	25	25	183+19.82	37.99 / LT	GOOD	REMAIN	METAL 'OBLIO' GRATE WITH 20 INCHES OPENING
26	251	QV	QUERCUS VIRGINIANA	LIVE OAK	22	35	36	176+72.52	38.65 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
26	252	TC	TABEBUIA CHRYSOTRICHA	GOLDEN TRUMPET TREE	10	25	15	176+94.36	42.85 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
26	253	QV	QUERCUS VIRGINIANA	LIVE OAK	22	40	52	178+45.33	39.97 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
26	254	QV	QUERCUS VIRGINIANA	LIVE OAK	12	40	36	178+74.67	38.91 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES
26	255	QV	QUERCUS VIRGINIANA	LIVE OAK	15	40	30	179+04.02	38.40 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
26	256	QV	QUERCUS VIRGINIANA	LIVE OAK	14	40	38	179+33.78	38.88 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
26	257	QV	QUERCUS VIRGINIANA	LIVE OAK	21	40	42	179+60.62	38.97 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
26	258	QV	QUERCUS VIRGINIANA	LIVE OAK	24	45	44	179+85.53	38.88 / RT	FAIR	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
26	259	QV	QUERCUS VIRGINIANA	LIVE OAK	24	40	56	180+65.32	38.88 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
26	260	QV	QUERCUS VIRGINIANA	LIVE OAK	21	40	42	180+95.43	39.33 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
26	261	QV	QUERCUS VIRGINIANA	LIVE OAK	10	30	30	181+29.29	38.37 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
26	262	QV	QUERCUS VIRGINIANA	LIVE OAK	14	40	40	181+59.83	38.67 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
26	263	WB	WODYETIA BIFURCATA	FOXTAIL PALM	8	14 CT	10	183+29.15	38.92 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - (PALM LOCATION)
27	264	QV	QUERCUS VIRGINIANA	LIVE OAK	16	30	44	188+37.32	38.13 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
27	265	WB	WODYETIA BIFURCATA	FOXTAIL PALM	8	14 CT	12	183+56.20	38.36 / RT	GOOD	REMAIN	METAL 'OBLIO' GRATE WITH 20 INCHES OPENING
27	266	WB	WODYETIA BIFURCATA	FOXTAIL PALM	7	10 CT	6	184+85.36	38.27 / RT	FAIR	REMAIN	METAL 'OBLIO' GRATE WITH 20 INCHES OPENING
27	267	QV	QUERCUS VIRGINIANA	LIVE OAK	16	30	34	186+53.86	39.15 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
27	268	QV	QUERCUS VIRGINIANA	LIVE OAK	16	30	30	186+77.51	38.39 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
27	269	QV	QUERCUS VIRGINIANA	LIVE OAK	13	30	25	187+12.18	38.40 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
27	270	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	30	187+38.03	38.38 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
27	271	QV	QUERCUS VIRGINIANA	LIVE OAK	16	35	42	188+05.96	38.48 / RT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
28	272	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	35	191+36.73	38.05 / LT	GOOD	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS
28	273	QV	QUERCUS VIRGINIANA	LIVE OAK	10	25	22	191+63.35	37.64 / LT	FAIR	REMAIN	CANNOT FIT METAL 'OBLIO' GRATE - MAX. OPENING IS 20 INCHES - ABOVE GROUND ROOTS

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.

8/3/2021 5:54:38 PM Cheryl Callender
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REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WANTMAN GROUP, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

TREE DISPOSITION CHART

SHEET NO. 31

SHEET NUMBER	TREE NO.	SYMBOL	BOTANICAL NAME	COMMON NAME	CALIPER/ DBH (INCHES)	HEIGHT (FEET) (APPROX.)	SPREAD (FEET) (APPROX.)	LOCATION		CONDITION	DISPOSITION	NOTES
								STA.	OFFSET/SIDE			
23	274							157+25.77	.09 /RT			MISSING TREE
23	275	QV	QUERCUS VIRGINIANA	LIVE OAK	4	12	20	157+61.00	.18 / RT	GOOD	REMAIN	
23	276	PE	PTYCHOSPERMA ELEGANS	SOLITAIRE PALM	8	15 CT	12	157+98.21	.58 / RT	GOOD	REMAIN	
24	277							163+70.66	.27 / LT			MISSING TREE
24	278							164+26.65	.68 / LT			MISSING TREE
25	279	QV	QUERCUS VIRGINIANA	LIVE OAK	10	28	20	170+94.51	.39 / LT	GOOD	REMAIN	
26	280	QV	QUERCUS VIRGINIANA	LIVE OAK	8	25	20	179+36.78	.10 / RT	GOOD	REMAIN	
26	281	QV	QUERCUS VIRGINIANA	LIVE OAK	8	25	20	179+66.62	.24 / RT	GOOD	REMAIN	
26	282	QV	QUERCUS VIRGINIANA	LIVE OAK	7	25	18	179+97.88	.30 / RT	GOOD	REMAIN	
26	283	QV	QUERCUS VIRGINIANA	LIVE OAK	8	28	20	180+26.58	.41 / RT	GOOD	REMAIN	
26	284	CG	CAESALPINIA GRANADILLO	BRIDALVEIL TREE	6	20	25	180+55.78	.72 / RT	GOOD	REMAIN	
27	285	PE	PTYCHOSPERMA ELEGANS	SOLITAIRE PALM	4	7 CT	8	188+55.90	.58 / RT	GOOD	REMAIN	
27	286	PE	PTYCHOSPERMA ELEGANS	SOLITAIRE PALM	4	8 CT	8	189+45.73	.29 / RT	GOOD	REMAIN	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.

8/3/2021 5:54:39 PM Cheryl Callender
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REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

CHERYL C. CALLENDER, R.L.A.
R.L.A. LICENSE NUMBER 6667177
WANTMAN GROUP, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	439991-1-52-01

TREE DISPOSITION CHART

SHEET NO.
32

SECTION NO:	**86010000**
S.R. NO.(S):	**5 (US-1)**
COUNTY:	**Broward**
FM NO.(S):	**441582-1-52-01 and 439991-1-52-01**

EXHIBIT C

APPROXIMATE COST FOR LANDSCAPE IMPROVEMENTS

This Exhibit forms an integral part of the DISTRICT FOUR (4) LANDSCAPE MAINTENANCE MEMORANDUM OF AGREEMENT between the state of Florida Department of Transportation and the AGENCY.

Dated: April 19, 2021

$459,134.00

See Attached

COST ESTIMATE FOR LANDSCAPE MAINTENANCE AGREEMENT

SR 5/US-1 FROM PEMBROKE ROAD TO NORTH OF JOHNSON STREET - FM NO. 441582-1-52-01 AND
SR 5/US-1 FROM NORTH OF JOHNSON STREET TO SHERIDAN STREET- FM NO. 439991-1-52-01
CITY OF HOLLYWOOD
April 19, 2021

Proposed Decorative Improvements for FM No. 441582-1-52-01 (MP 1.53 TO MP 3.15)

Pay Item	Description	Unit	Unit Cost	Quantity	Cost
523-1	PATTERNED PAVEMENT, VEHICULAR AREAS	SY	$106.00	1740	$ 184,440.00
526-1-2	PAVERS, ARCHITECTURAL SIDEWALK	SY	$105.00	1,434	$ 150,570.00
580-12-15	LANDSCAPE GRATES, 4' X 6'	EA	$2,400.00	7	$ 16,800.00
				Total =	$ 351,810.00

Proposed Decorative Improvements for FM No. 439991-1-52-01 (MP 3.15 TO MP 4.15)

Pay Item	Description	Unit	Unit Cost	Quantity	Cost
523-1	PATTERNED PAVEMENT, VEHICULAR AREAS	SY	$106.00	854	$90,524.00
580-12-15	LANDSCAPE GRATES, 4' X 6'	EA	$2,400.00	7	$16,800.00
				Total =	$107,324.00

EXHIBIT D

PATTERNED PAVEMENT MAINTENANCE

This Exhibit forms an integral part of the DISTRICT FOUR (4) MAINTENANCE MEMORANDUM OF AGREEMENT between the State of Florida, Department of Transportation and the AGENCY.

"Maintenance" of all patterned pavement crosswalks in these Agreements shall be defined, as a minimum, to include its frictional characteristics and integrity as follows:

(1) Within 60 days of project acceptance by the Department, all lanes of each patterned crosswalk shall be evaluated for surface friction. The friction test shall be conducted using either a locked wheel tester in accordance with FM 5-592 (Florida Test Method for Friction Measuring Protocol for Patterned Pavements) or Dynamic Friction Tester in accordance with ASTM E1911. All costs for friction testing are the responsibility of the AGENCY.

(2) The initial friction resistance shall be at least 35 obtained at 40 mph with a ribbed tire test (FN40R) or equivalent (FM 5-592 attached). Failure to achieve this minimum resistance shall require all deficient crosswalk areas to be removed to their full extent (land-by-land) and replaced with the same product installed initially. The AGENCY is responsible for all costs associated with the removal and replacement of the crosswalk. If the Department determines that more than 50% of the lanes in the intersection require replacement, the entire intersection installation may be reconstructed with a different product on the Qualified Products List (QPL) or replaced with conventional pavement.

(3) Approximately one year after project acceptance and every two years thereafter and for the life of the adjacent pavement, only the outside traffic lane areas of each patterned crosswalk shall be tested for friction resistance in accordance with ASTM E274 or ASTME 1911. Friction resistance shall, at a minimum, have a FN40R value of 30 (or equivalent).

(4) The results of all friction tests shall be sent to the Operations Engineer at the local FDOT District Four Operations Center located at Broward Operations, 5548 NW 9th Avenue, Ft. Lauderdale, FL 33309, (954) 776-4300, with a cover letter either certifying that the crosswalks comply with the minimum friction criteria, or stating what remedial action will be taken to restore the friction.

(5) Failure to achieve the minimum resistance shall require all lanes of the crosswalk to be friction tested to determine the extent of the deficiency. All deficient areas shall be removed to their full extent (lane-by-lane) and replaced with the same product installed initially. If the Department determines that more than 50% of the lanes in the intersection require replacement, the entire intersection installation may be reconstructed with a different product on the QPL, or replaced with conventional pavement.

(6) When remedial action is required in accordance with the above requirements, the local agency shall complete all necessary repairs at its own expense within 90 days of the date when the deficiency was identified. No more than two full depth patterned pavement repairs shall be made to an area without first resurfacing the underlying pavement to 1" minimum depth.

(7) The Department will not be responsible for replacing the treatment following any construction activities by the Department in the vicinity of the treatment, or any costs for testing.

(8) Should the local agency fail to satisfactorily perform any required remedial work or testing in accordance with this agreement, the Department reserves the right to replace the patterned pavement with conventional pavement (matching the adjacent pavement) and bill the local agency for this cost.

Florida Test Method
for
Friction Measuring Protocol for Patterned Pavements

Designation: FM 5-592

1. SCOPE

This method covers the testing procedures for evaluating the friction resistance of Patterned surfaces used in crosswalks over asphalt and concrete surfaces. This test method contains two parts:

Part A - Friction testing performed with the Locked Wheel Friction Tester

Part B - Friction testing performed with the Dynamic Friction Tester (DFT)

2. APPARATUS

2.1 Locked Wheel Friction Tester - This apparatus shall be standardized in accordance with ASTM E274, “Standard Test Method for Skid Resistance of Paved Surfaces Using a Full-Scale Tire”. The friction test tire used shall be in accordance with ASTM E501, “Standard Specification for Standard Rib Tire for Pavement Skid-Resistance”.

2.2 Dynamic Friction Tester - This apparatus shall be standardized in accordance with ASTM E1911, “Standard Test Method for Measuring Paved Surface Frictional Properties Using the Dynamic Friction Tester”.

3. FRICTION NUMBER CONVERSION

The regression equations relating the locked wheel test results and the DFT results at 40 mph (65 km/h) are:

$$FN40R = 0.64 \cdot DFT40 + 9.23 \quad (1)$$

$$DFT40 = 1.56 \cdot FN40R - 14.42 \quad (2)$$

where,

FN40R = Friction Number from locked wheel testing at 40 mph using a ribbed tire
DFT40 = Coefficient of Friction from DFT at 40 mph multiplied by 100.

Although the above equations can be used to convert the DFT result to the locked wheel friction number at 40 mph and vice versa, conditions do exist where the DFT testing or the locked wheel testing at 40 mph is not feasible due to constraints such as safety, traffic congestion, speed limits, and/or roadway geometries. In these cases, it may be preferable to conduct the locked wheel testing at a slower speed, e.g., 20 or 30 mph. The following regression equations have been developed to convert the locked wheel test results at 20 and 30 mph to those at 40 mph:

$$FN40R = 0.89 \cdot FN20R - 4.88 \quad (3)$$

where,

FN20R = Friction Number from locked wheel testing at 20 mph using a ribbed tire, and

$$FN40R = 0.95 \cdot FN30R - 2.91 \quad (4)$$

where,

FN30R = Friction Number from locked wheel testing at 30 mph using a ribbed tire.

For ease of application of the above harmonization results, Table 1 summarizes the conversions from FN30R, FN20R and DFT40 to FN40R. Note that the friction numbers shown in this table were rounded to the closest integer. The numbers highlighted in yellow represent the current minimum required friction numbers depending on survey cycle, test method, and speed evaluated.

Table 1. Friction Number Table

FN40R	FN30R	FN20R	DFT40
22	26	30	20
23	27	31	21
24	28	32	23
25	29	34	25
26	30	35	26
27	31	36	28
28	33	37	29
29	34	38	31
30*	35*	39*	32*
31	36	40	34
32	37	41	36
33	38	43	37
34	39	44	39
35**	40**	45**	40**
36	41	46	42
37	42	47	43
38	43	48	45
39	44	49	46
40	45	50	48
41	46	52	50
42	47	53	51

43	48	54	53
44	49	55	54
45	50	56	56

* Minimum friction numbers required for inventory cycles of patterned crosswalks.
**Minimum friction numbers required for new construction and 3-year APL test decks for patterned crosswalks.

4. PROCEDURE

The test procedures for both the Locked Wheel Friction Tester and the Dynamic Friction Tester are described in the following. All testing should be performed within either the driver or passenger side wheel path, regardless of the equipment used.

4.1 PART A- Friction Testing with the Locked Wheel Friction Tester

A) **New Construction** – The locked wheel test shall be conducted on all crosswalks within 60 days of the new surface completion date. One valid lockup test is required for each lane; all lanes shall be evaluated and compared. The test layout is shown in Figure 1.

B) **Inventory** – For in-service Approved Product List (APL) test sections, the locked wheel test is conducted at 6-month intervals up to 3 years. Maintenance surveys are conducted on a yearly basis. Test site shall be confined to a single outside traffic lane (single direction) for each crosswalk location. The locked wheel test will require three repeat lockups and averaged for the designated test lane. The lane in which the friction tests were conducted must be identified in the report along with the test results.

C) **Retest** – At any point when friction numbers are determined to be below the required values shown in Table 1, all lanes shall be evaluated, and the range of friction values shall be determined.

D) **Special Request** – At any time, a patterned pavement is in need of a special assessment, the designated lane(s) shall be evaluated to determine the range of representative friction values.

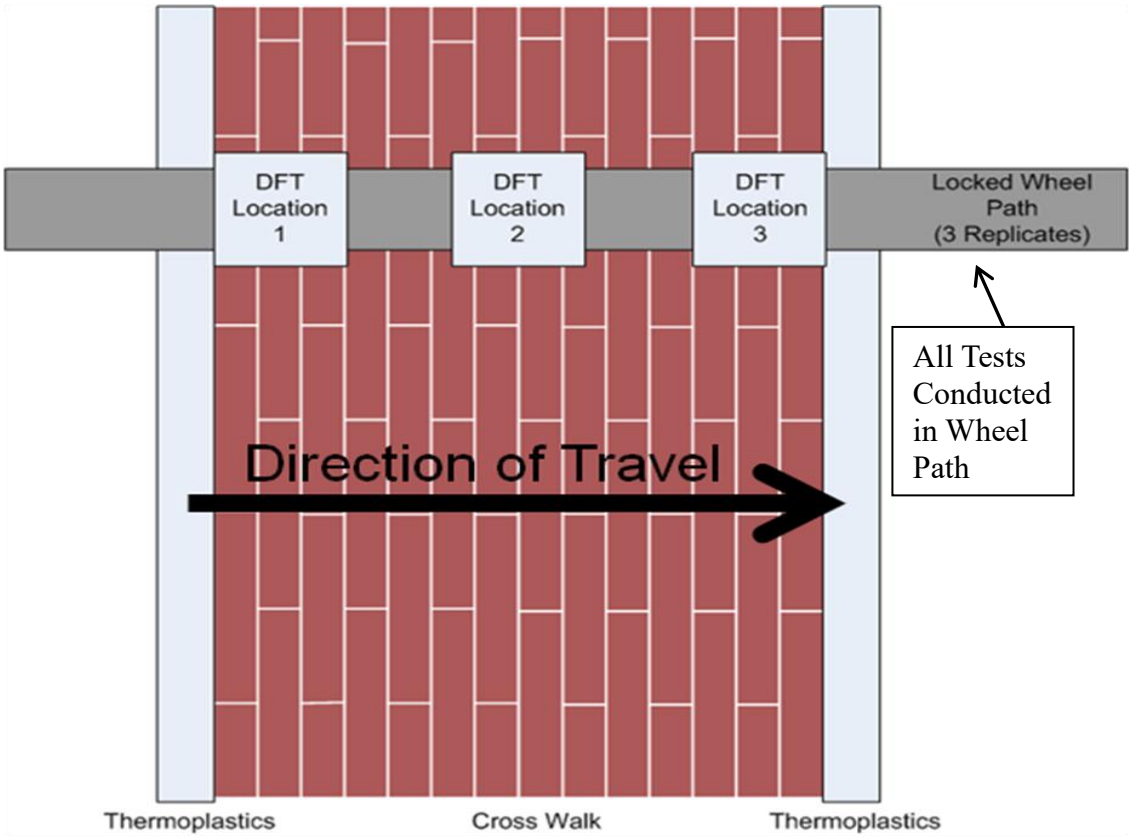

FIGURE 1 Testing protocol for patterned pavement.

4.2 PART B- Skid Testing with the Dynamic Friction Tester (DFT)

A) **New Construction** – The DFT test shall be conducted on all crosswalks within 60 days of the new surface completion date. DFT tests shall be conducted at three (3) discrete locations in each lane; the results shall be averaged and reported for each lane tested. All lanes shall be evaluated and compared. The test layout is shown in Figure 1.

B) **Inventory** – For in-service APL test sections, the DFT test is conducted at 6-month intervals up to 3 years. Maintenance surveys are conducted on a yearly basis. Test site shall be confined to a single outside traffic lane (single direction) for each crosswalk location. DFT tests will be conducted at three (3) discrete locations (Figure 1) in each lane; the results shall be averaged and reported for each lane tested. The lane in which the friction tests were conducted should be identified in the report with the test results.

C) **Retest** – At any point when friction numbers are determined to be below the required values shown in Table 1, all lanes shall be evaluated, and the range of friction values shall be determined.

D) **Special Request** – At any time, a patterned pavement is in need of a special assessment, the designated lane(s) shall be evaluated to determine the range of representative friction values.

5. TEST SITE SELECTION REQUIREMENTS

Manufacturers shall provide a field service test installation of each product within a marked crosswalk on a roadway with an ADT of 6,000 to 12,000 vehicles per day per lane, on a site approved by the Department. The test installation shall be a minimum six feet wide and extend from pavement edge to pavement edge across all traffic lanes and shoulder pavement at the crosswalk location.

6. REPORTING

6.1 Friction numbers for the patterned crosswalks should be reported using FDOT's Materials form number 675-060-05. This form can be downloaded from FDOT's website at:

https://pdl.fdot.gov/api/form/downloadAttachment/10981075