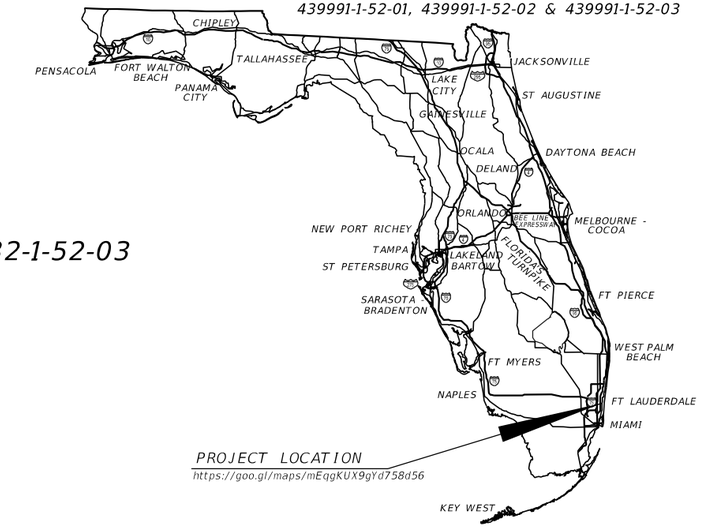
THIS PROJECT TO BE LET TO CONTRACT
WITH FINANCIAL PROJECT ID(S):
439991-1-52-01, 439991-1-52-02 & 439991-1-52-03

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 & 441582-1-52-03

(FEDERAL FUNDS)

BROWARD COUNTY (86010)

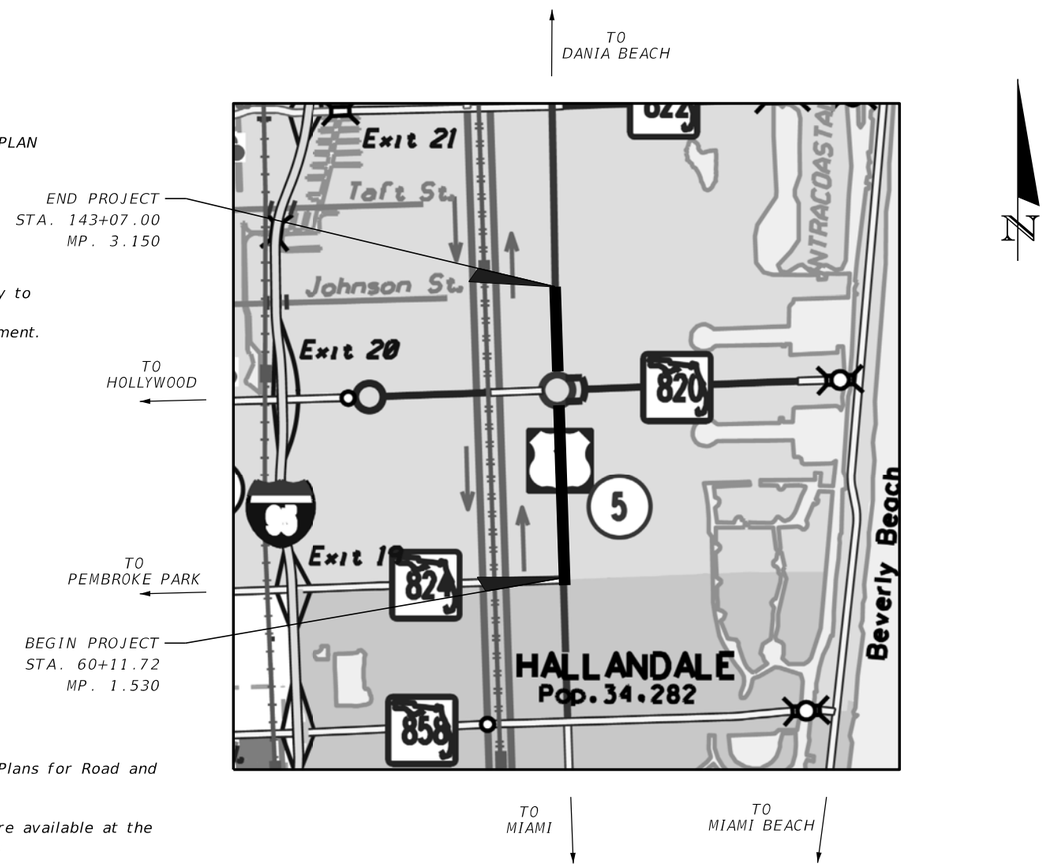
STATE ROAD NO. 5 (US-1/FEDERAL HIGHWAY)

FROM SR 824/PEMBROKE RD TO JOHNSON ST

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3 - 4	TYPICAL SECTIONS
5	TYPICAL SECTION DETAILS
6	PROJECT CONTROL
7	GENERAL NOTES
8 - 19	ROADWAY PLAN
20	TRAFFIC MONITORING SITE
21 - 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

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



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

APPLICABLE IRs: IR700-102-1, 711-001

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

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ON THE DATE ADJACENT TO THE SEAL

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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	TRAFFIC MONITORING SITE
21 - 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	SIGNATURE SHEET
23 - 37	TEMPORARY TRAFFIC CONTROL PLANS

CHERYL CALLENDER
LICENSE
No 6667177
STATE OF
FLORIDA
LANDSCAPE ARCHITECT

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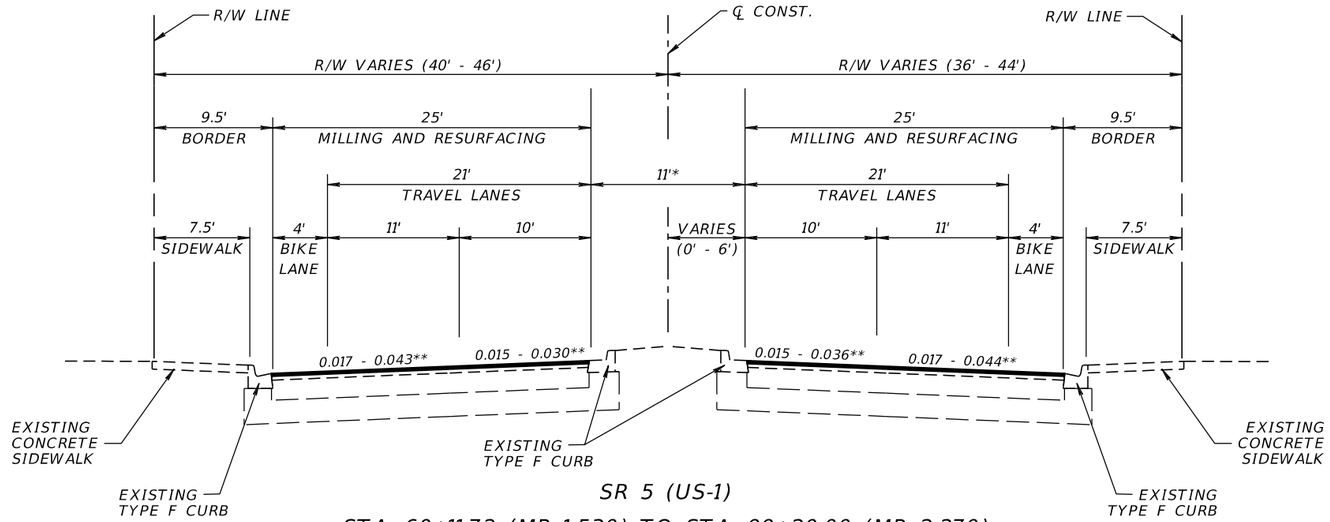
WGI, INC.
3230 W. COMMERCIAL BLVD, SUITE 300
FORT LAUDERDALE, FL 33309

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

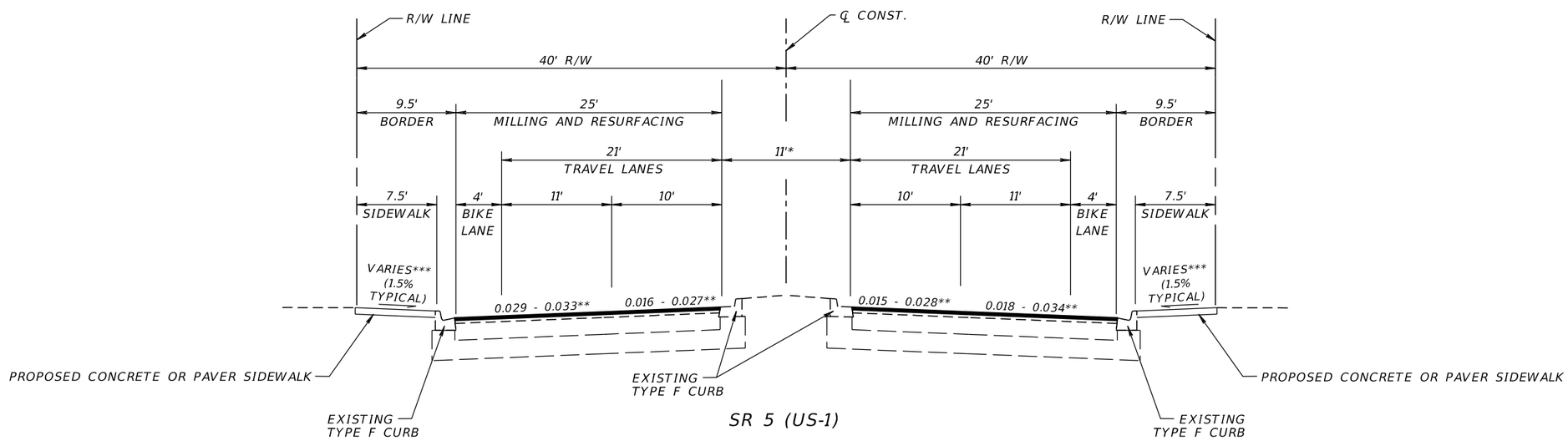
SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
28 - 39	SELECTIVE CLEARING AND GRUBBING PLAN
40 - 43	TREE DISPOSITION CHART



SR 5 (US-1)

STA. 60+11.72 (MP 1.530) TO STA. 99+20.00 (MP 2.270)

STA. 128+00.00 (MP 2.883) TO STA. 142+07.00 (MP 3.150)



SR 5 (US-1)

STA. 99+20.00 (MP 2.270) TO STA. 107+60.00 (MP 2.429)

STA. 120+40.00 (MP 2.739) TO STA. 128+00.00 (MP 2.883)

TRAFFIC DATA

CURRENT YEAR = 2019 AADT = 29,700
ESTIMATED OPENING YEAR = 2024 AADT = 30,800
ESTIMATED DESIGN YEAR = 2044 AADT = 35,300
K = 9.0% D = 53.6% T = 2.2% (24 HOUR)
DESIGN HOUR T = 1.1%
DESIGN SPEED = 40 MPH
POSTED SPEED = 35 MPH

MILLING

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH ($1\frac{1}{2}$")

RESURFACING

FRICTION COURSE FC-12.5 ($1\frac{1}{2}$") (TRAFFIC C) (PG 76-22)

LEGEND

* MILL AND RESURFACE AT LEFT-TURN LANE LOCATIONS

** MATCH EXISTING CROSS SLOPE

*** 2% MAX. SLOPE

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

TYPICAL SECTIONS

SHEET NO. 3

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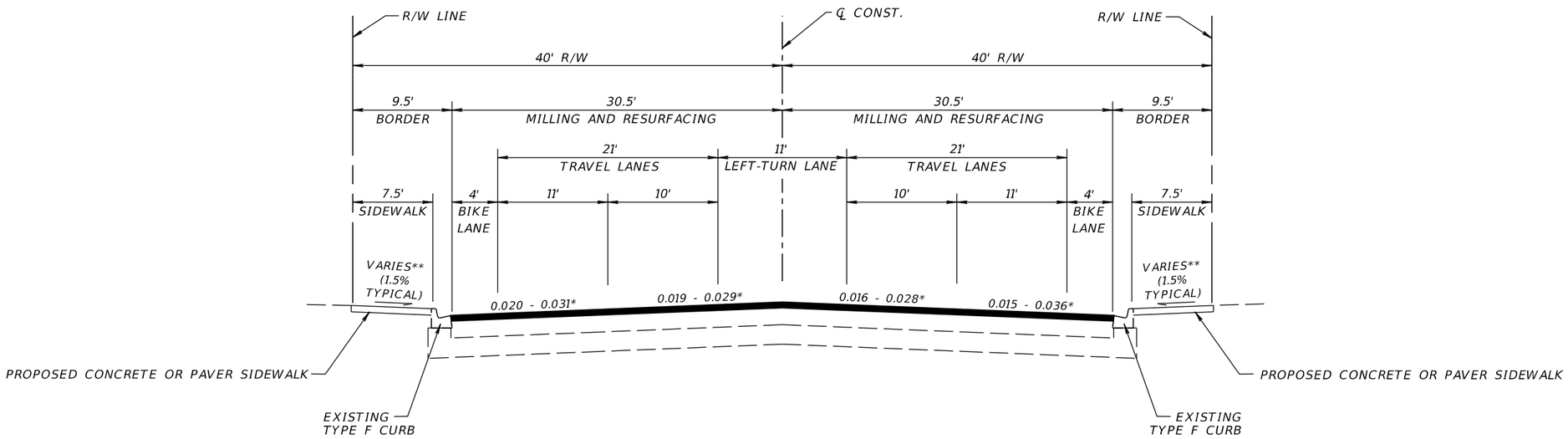

SR 5 (US-1)

STA. 107+60.00 (MP 2.429) TO STA. 109+00.00 (MP 2.455)

STA. 119+00.00 (MP 2.713) TO STA. 120+40.00 (MP 2.739)

LEGEND:

* MATCH EXISTING CROSS SLOPE

** 2% MAX. SLOPE

MILLING

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH ($1\frac{1}{2}$")

RESURFACING

FRICTION COURSE FC-12.5 ($1\frac{1}{2}$") (TRAFFIC C) (PG 76-22)

TRAFFIC DATA

CURRENT YEAR = 2019 AADT = 29,700
ESTIMATED OPENING YEAR = 2024 AADT = 30,800
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K = 9.0% D = 53.6% T = 2.2% (24 HOUR)
DESIGN HOUR T = 1.1%
DESIGN SPEED = 40 MPH
POSTED SPEED = 25 MPH

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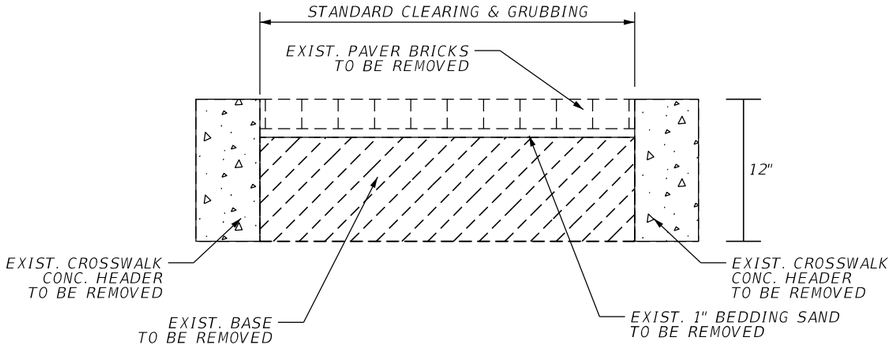
TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106
ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

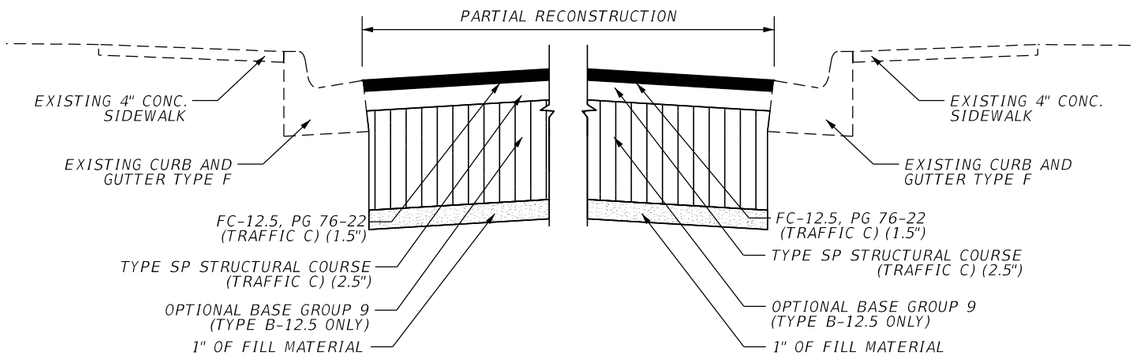
TYPICAL SECTIONS

SHEET NO. 4



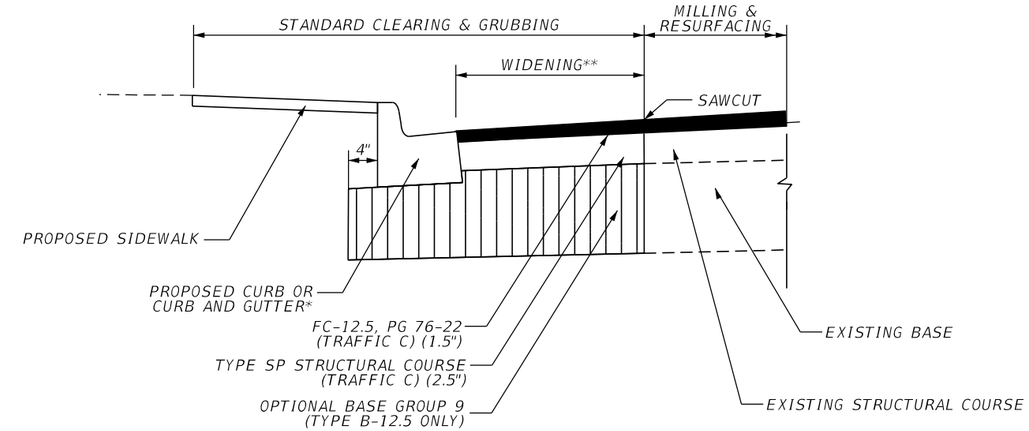
EXISTING DECORATIVE CROSSWALK REMOVAL DETAIL

N.T.S.



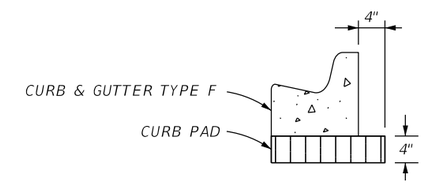
PARTIAL RECONSTRUCTION DETAIL AT DECORATIVE CROSSWALKS

N.T.S.



WIDENING DETAIL

N.T.S.



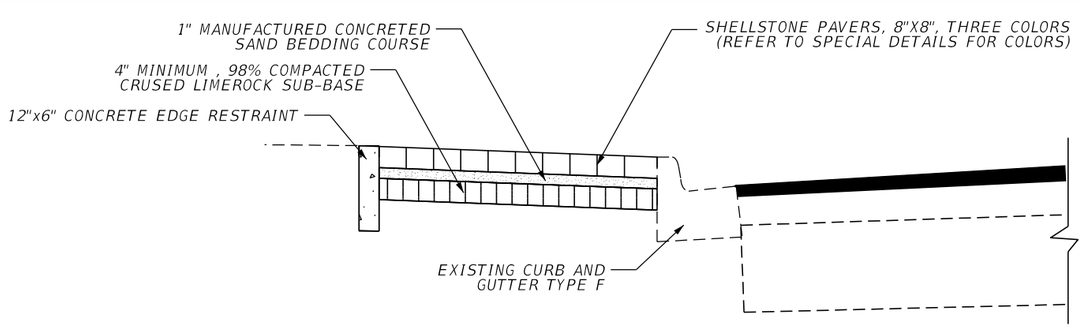
CURB PAD DETAIL

N.T.S.

NOTE: USE THIS DETAIL AT LOCATIONS WHERE CURB AND GUTTER IS BEING REPLACED AS NOTED IN THE PLANS. CONSTRUCT CURB PAD USING B-12.5 AS BASE MATERIAL.

WIDENING / PARTIAL RECONSTRUCTION

OPTIONAL BASE GROUP 9 (TYPE B-12.5 ONLY)
TYPE SP STRUCTURAL COURSE (2.5") (TRAFFIC C)
AND FRICTION COURSE FC-12.5 (1.5") (TRAFFIC C)



NEW SIDEWALK PAVERS CONSTRUCTION DETAIL

N.T.S.

LEGEND:

* REFER TO THE ROADWAY PLANS FOR THE TYPE OF CURB OR CURB AND GUTTER TO BE INSTALLED.

*** MATCH ADJACENT CROSS SLOPE.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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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

TYPICAL SECTIONS DETAILS

SHEET NO. 5

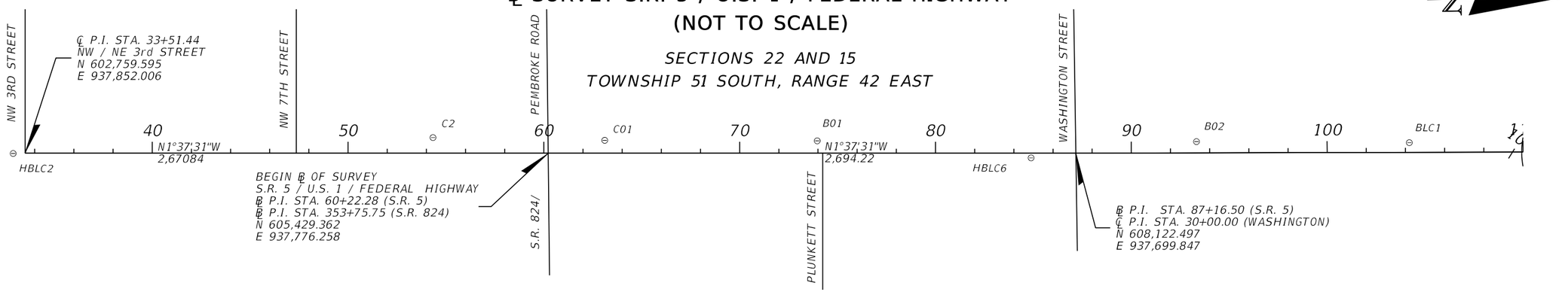
PROJECT CONTROL POINTS

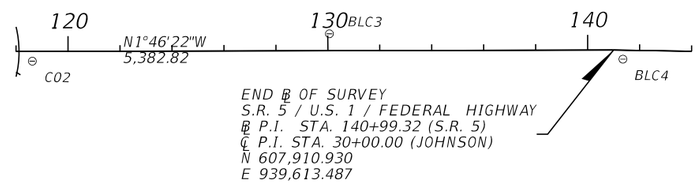
℄ SURVEY S.R. 5 / U.S. 1 / FEDERAL HIGHWAY

(NOT TO SCALE)

SECTIONS 22 AND 15

TOWNSHIP 51 SOUTH, RANGE 42 EAST





CONTROL POINTS	(Y) NORTHING	(X) EASTING	LATITUDE	LONGITUDE	SCALE FACTOR	℄ SURVEY STATION	OFFSET	(Z) ELEVATION	DESCRIPTION
HBLC2	601268.577	937961.569	25°59'07.04554"	080°08'31.82467"	1.00003223	18+57.91	67.23 RT.	5.571	FND. FDOT BDIC SIDEWALK STAMPED: 5 86 97 C2
						(BASELINE EXTENDED)			
C2	604850.747	937723.642	25°59'42.53817"	080°08'34.17451"	1.00003208	54+45.39	69.00 LT.	6.33	FND. FDOT ADIC STAMPED: SR5-86-17-C2
C01	605727.8975	937712.7169	25°59'51.22603"	080°08'34.23120"	1.00003207	63+22.50	55.05 LT.	4.592	SET FDOT ADIC STAMPED: SR5-86-19-C01
B01	606812.5	937684.7	26° 00'01.97"	080° 08'34.46"	1.00003205	74+07.46	52.29 LT.	6.058	SET FDOT ADIC STAMPED: SR5-86-19-B01
HBLC6	607906.855	937740.613	26°00'12.80420"	080°08'33.76884"	1.00003209	84+99.79	34.63 RT.	6.47	FND. FDOT BDIC STAMPED: 5-86-97-C-6
B02	608748.8	937633.7	26°00'21.15"	080°08'34.88"	1.00003202	93+44.55	46.74' LT	6.635	SET FDOT ADIC STAMPED: SR5-86-19-B02
BLC1	609835.321	937608.167	26°00'31.9119"	080°08'35.08179"	1.00003200	104+31.34	38.65 LT.	7.395	FND. FDOT BDIC STAMPED: 5-86-03-C01
BM3	610465.7	937645.2	26°00'38.15"	080°08'34.63"	N/A	110+60.27	17.87 RT.	6.178	FND. FDOT ADIC STAMPED: SR5-86-17-B3
C02	611279.7292	937650.5779	26°00'46.21432"	080°08'34.51310"	1.00003203	118+73.74	48.42 RT.	6.396	SET FDOT ADIC STAMPED: SR5-86-19-C02
BLC3	612419.768	937512.767	26°00'57.51398"	080°08'35.94163"	1.00003194	130+17.50	54.05 LT.	7.571	FND. FDOT BDIC STAMPED: 5-86-03-C03
BLC4	613552.089	937578.342	26°01'08.72399"	080°08'34.14145"	1.00003198	141+48.18	45.54' RT.	6.368	FND. FDOT BDIC STAMPED: 5-86-03-C04
BLC5	614861.980	937471.558	26°01'21.70380"	080°08'36.21774"	1.00003191	154+59.14	47.16 LT.	7.083	FND. FDOT BDIC STAMPED: 5-86-03-C05, (NOT SHOWN)
						(BASELINE EXTENDED			

LEGEND

℄	:	BASELINE
E	:	EAST
FND	:	FOUND
LT.	:	LEFT
OFF.	:	OFFSET
N	:	NORTH
PI	:	POINT OF INTERSECTION
POT	:	POINT OF TANGENT
RT.	:	RIGHT
S.R.	:	STATE ROAD
STA.	:	STATION
⊖	:	CONTROL POINT

PROJECT CONTROL NOTES:

1. BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, TRANSVERSE MERCATOR PROJECTION, FLORIDA EAST ZONE, NORTH AMERICAN DATUM, (NAD), OF 1983, ADJUSTMENT OF 1990, (NAD 83/90). NATIONAL GEODETIC SURVEY MONUMENTS: S 35, (AC2366), P 235, (AD2569), AND WALDREP, (AJ2431), AND FDOT FLORIDA PERMANENT REFERENCE NETWORK, (FPRN) MONUMENTS: LAUD, FLMB, FLND, AND FTLD WERE USED AND CONVERTED FROM NAD 83 (2011) TO NAD 83/90 USING THE FDOT APPROVED "SHIFT" PROGRAMS. A BEARING OF NORTH 03°48'00" WEST HAS BEEN ESTABLISHED BETWEEN MONUMENTS HBLC2, (A FOUND FDOT BRASS DISK IN CONCRETE STAMPED: 5 86 97 C2), AND C2, (A FOUND FDOT ALUMINUM DISK IN CONCRETE STAMPED: SR5-86-17-C2).
2. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988, (N.A.V.D. '88).
3. STATIONS AND OFFSETS ARE RELATIVE TO THE BASELINE OF SURVEY, UNLESS OTHERWISE INDICATED.
4. ALL DISTANCES, ANGLES, BEARINGS, STATIONS, AND OFFSETS ARE CALCULATED, UNLESS OTHERWISE INDICATED.
5. PROJECT UNITS: US FEET
6. FIELD BOOK REFERENCES: 4320187, 4320188, AND 4320189.

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

PROJECT CONTROL

SHEET NO. 6

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GENERAL NOTES

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

2. ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:

   JOHN M. FLOYD
   P.S.M. NO.: 7098
   WANTMAN GROUP, INC.
   3230 W COMMERCIAL BLVD, SUITE 300
   FORT LAUDERDALE, FL 33309

3. THERE IS IDENTIFIED SOIL AND/OR GROUNDWATER CONTAMINATION WITHIN THE FDOT ROW. IF SUBSURFACE ACTIVITIES ARE CONDUCTED, CONTAMINATION IMPACTS MAY OCCUR AT APPROXIMATELY:

   - STA. 58+00 TO STA. 60+00 (RT).

4. NOTE FOR SUMMARY OF MONITOR EXISTING STRUCTURES:

   THE LIST INCLUDES EXISTING STRUCTURES (AS DETERMINED BY THE DEPARTMENT) LOCATED OUTSIDE THE LIMITS SPECIFIED IN ARTICLE 108-2 OF THE FDOT SPECIFICATIONS THAT ARE REQUIRED TO BE MONITORED. THIS LIST SHOULD NOT BE CONSIDERED ALL INCLUSIVE AND DOES NOT CONTAIN EXISTING STRUCTURES TO BE MONITORED THAT ARE LOCATED WITHIN THE DISTANCES SPECIFIED IN ARTICLE 108-2.

5. UTILITY AGENCY / OWNER:

COMPANY	CONTACT	TELEPHONE NUMBER
AT&T DISTRIBUTION	OTIS KEEVE	(305) 428-0510
CENTURYLINK	FRANCISCO AZURI	(786) 266-1713
COMCAST	LEONARD MAXWELL-NEWBOLD	(954) 444-5113
CROWN CASTLE FIBER	DANNY HASKETT	(786) 610-7073
CITY OF HALLANDALE	MYRIAM BACHS	(954) 457-1621
CITY OF HOLLYWOOD PUBLIC UTILITIES	ALICIA VEREA-FERIA	(954) 921-3302
FP&L DISTRIBUTION	BYRON SAMPLE	(954) 321-2056
HOTWIRE COMMUNICATIONS	WALTER DAVILA	(954) 699-0900
MASTEC INC.	RICKIE QUINN	(512) 202-1633
MCI VERIZON	EFRAIN RODRIGUEZ	(919) 414-2782
TECO PEOPLE'S GAS	DAVID RIVERA	(954) 453-0794
WINDSTREAM COMMUNICATIONS	JOANNA GALLO	(800) 289-1901
CITY OF HOLLYWOOD POLICE DEPT.	EDGARDO RAMOS	(954) 967-4383

BROWARD COUNTY TRANSIT NOTES

1. MAINTAIN PASSENGER ACCESS TO AND FROM BUS STOPS DURING CONSTRUCTION.

2. IN THE EVENT THAT THE PROJECT IS TO IMPACT ANY BUS STOP, COORDINATE THE TEMPORARY RELOCATION OF THE BUS STOP OR BUS STOPS WITH NOEMI HEW AT (954) 357-8380, NHEW@BROWARD.ORG OR KURT PETGRAVE AT (954) 357-6793, KPETGRAVE@BROWARD.ORG AT LEAST 2 WEEKS BEFORE START OF CONSTRUCTION.

PAY ITEM NOTES:

110-1-1: INCLUDES THE COST OF REMOVAL OF EXISTING GROUT AT EXISTING MAST ARM LOCATED IN THE SW CORNER OF THE INTERSECTION BETWEEN SR-5 AND MONROE STREET.

523-1: INCLUDES THE COST OF UTILIZING THE ATLANTIC PAVING, STREETBRICK-XL (HIGH FRICTION STAMPED ASPHALT).

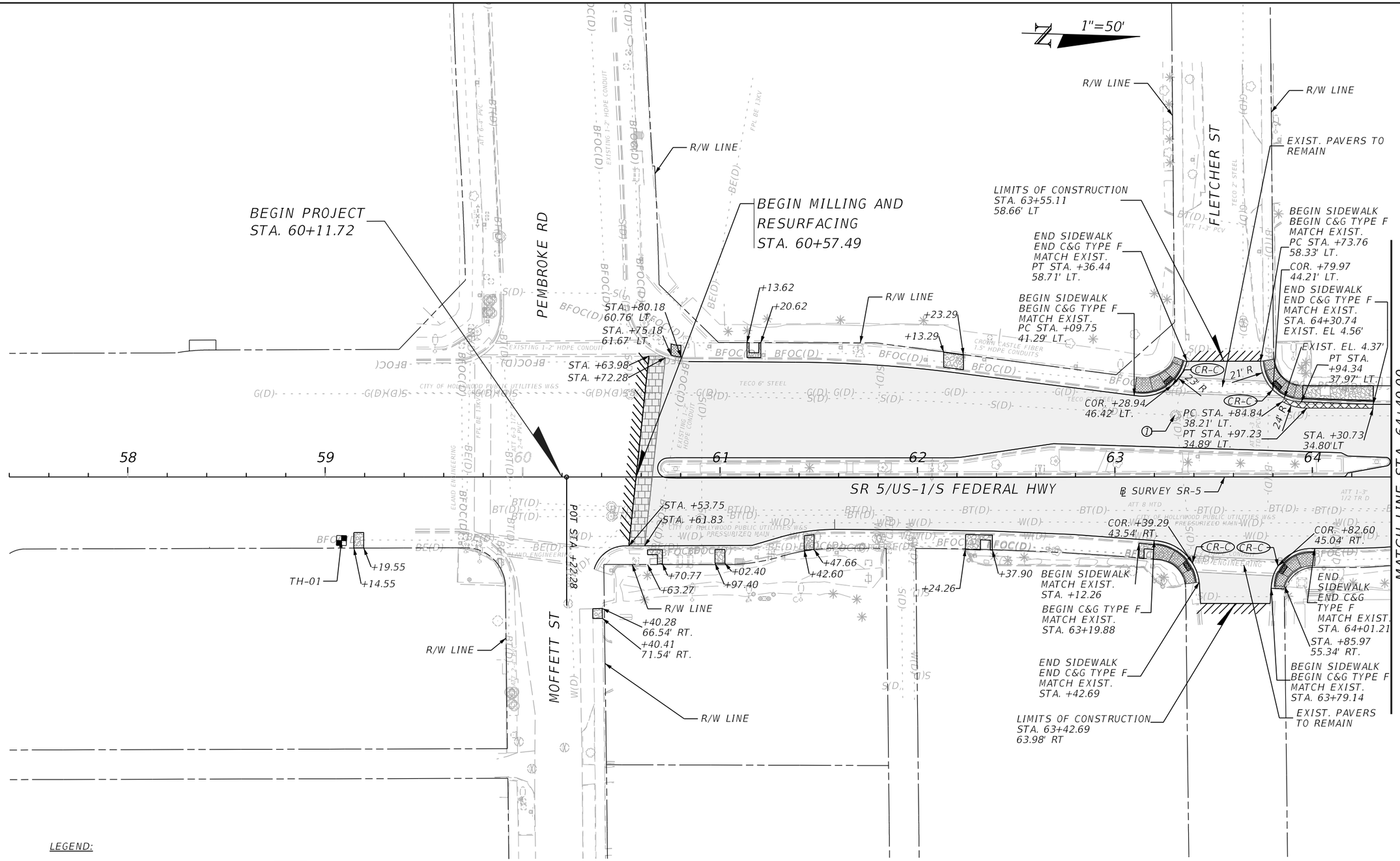
526-1-2: INCLUDES THE COST THE CONCRETE EDGE AND RESTRAINT AND OF UTILIZING THE TREMRON SHELLSTONE PAVERS FOR SIDEWALK. AT LOCATIONS OF PROPOSED LIGHT POLES WITH SPREAD FOOTER FOUNDATIONS, INCLUDE THE COST OF OF REMOVING AND RE-INSTALLATION EXITING PAVERS

580-12-15: INCLUDES THE COST OF UTILIZING AN IRON AGE OBLIO 4'X6' HEEL PROOF TREE GRATE (PRODUCT ID 0X48-72199TGHP) WITH CAST IRON/BAKE-ON OIL FINISH AND FURNISHING AND INSTALLING THE ASSOCIATED IRON AGE TYPE 'E' TREE GRATE FRAME. ALSO INCLUDES ALL NECESSARY SITE PREPARATION FOR INSTALLATION OF TREE GRATE FRAME INCLUDING SAW CUTTING AND REMOVING EXISTING CONCRETE AROUND EXISTING TREE AS NEEDED TO BOLT TREE GRATE TO EXISTING CONCRETE OR REPLACING CONCRETE AROUND TREE GRATE FRAME IF NEEDED.

715-11-211: INCLUDES THE COST OF UTILIZING THE HOLOPHANE ESPLANADE UTILITY TEARDROP GLASS LED2 AND ESPLANADE PEDESTRIAN TEARDROP ASYMMETRIC LED FOR THE DECORATIVE PEDESTRIAN LIGHT POLE LUMINAIRES .

715-516-615: INCLUDES THE COST OF UTILIZING THE HOLOPHANE GRANVILLE CLASSIC STANDARD LED3 LUMINAIRE AND THE HOLOPHANE COLUMBIA DOWNTOWN STREETS (TAPERED CAST IRON & STEEL) FOR THE PROPOSED PEDESTRIAN POLES.

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



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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12/16/2021 10:39:30 AM
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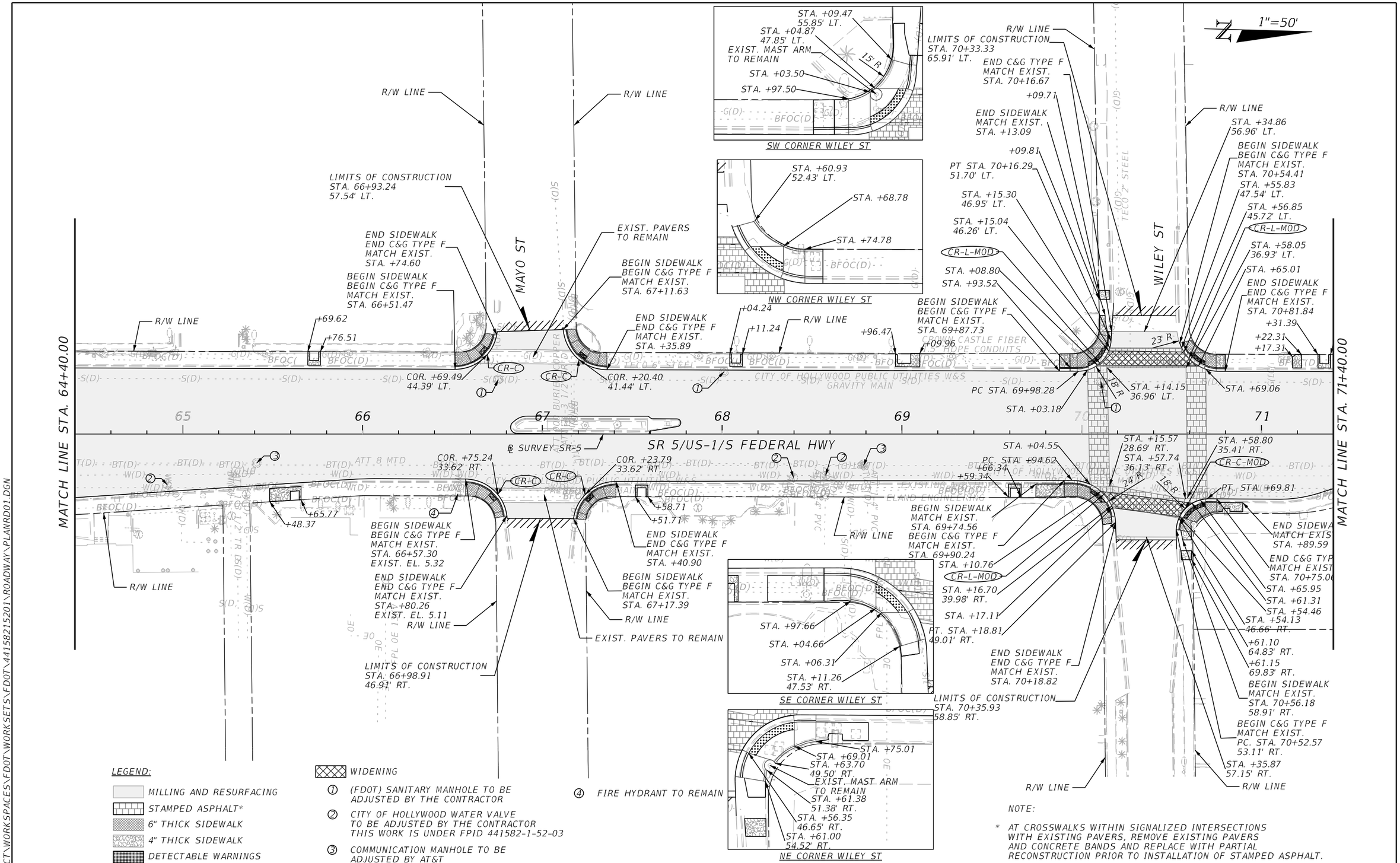

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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. 9

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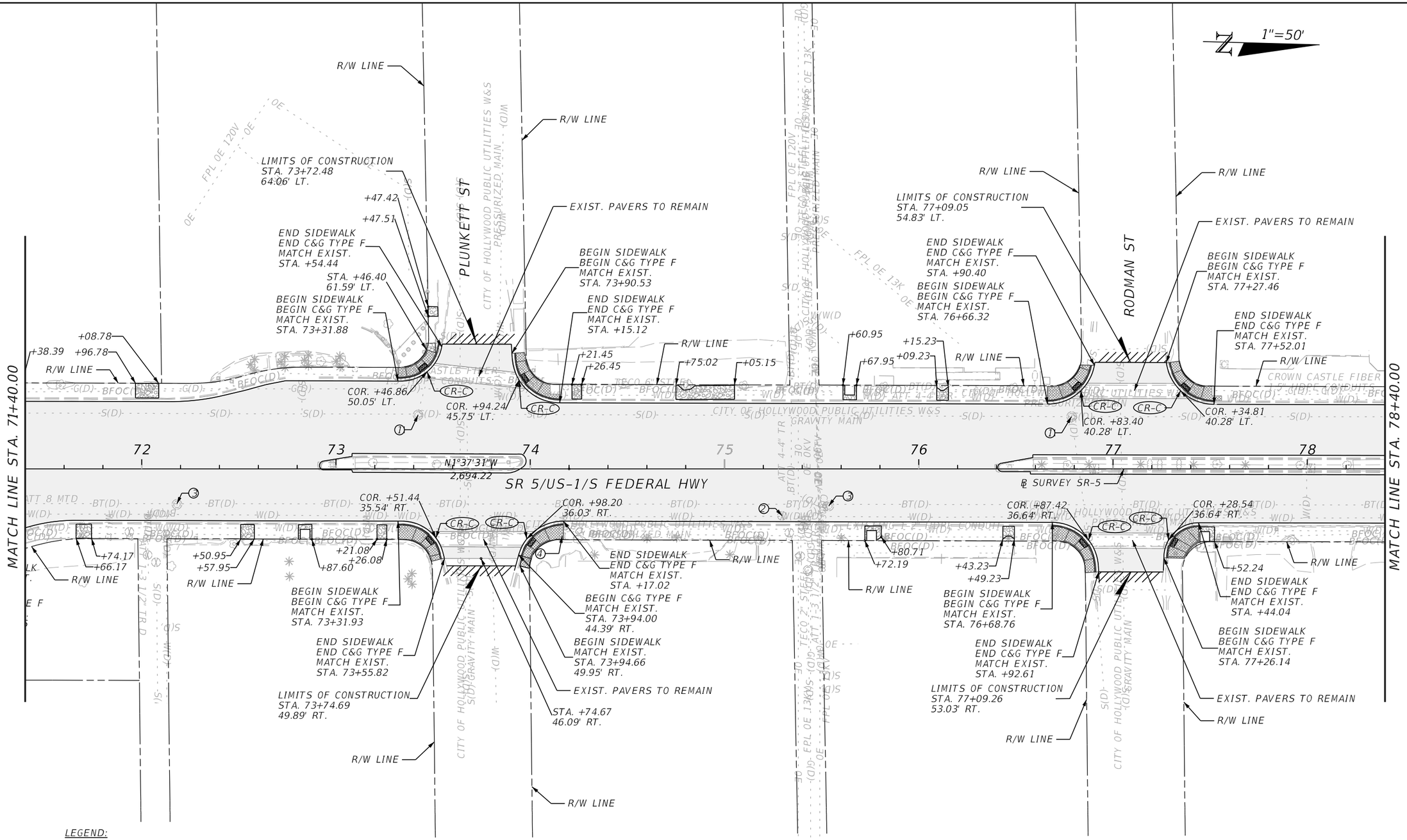

REVISIONS			
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TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

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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12/16/2021 10:39:32 AM
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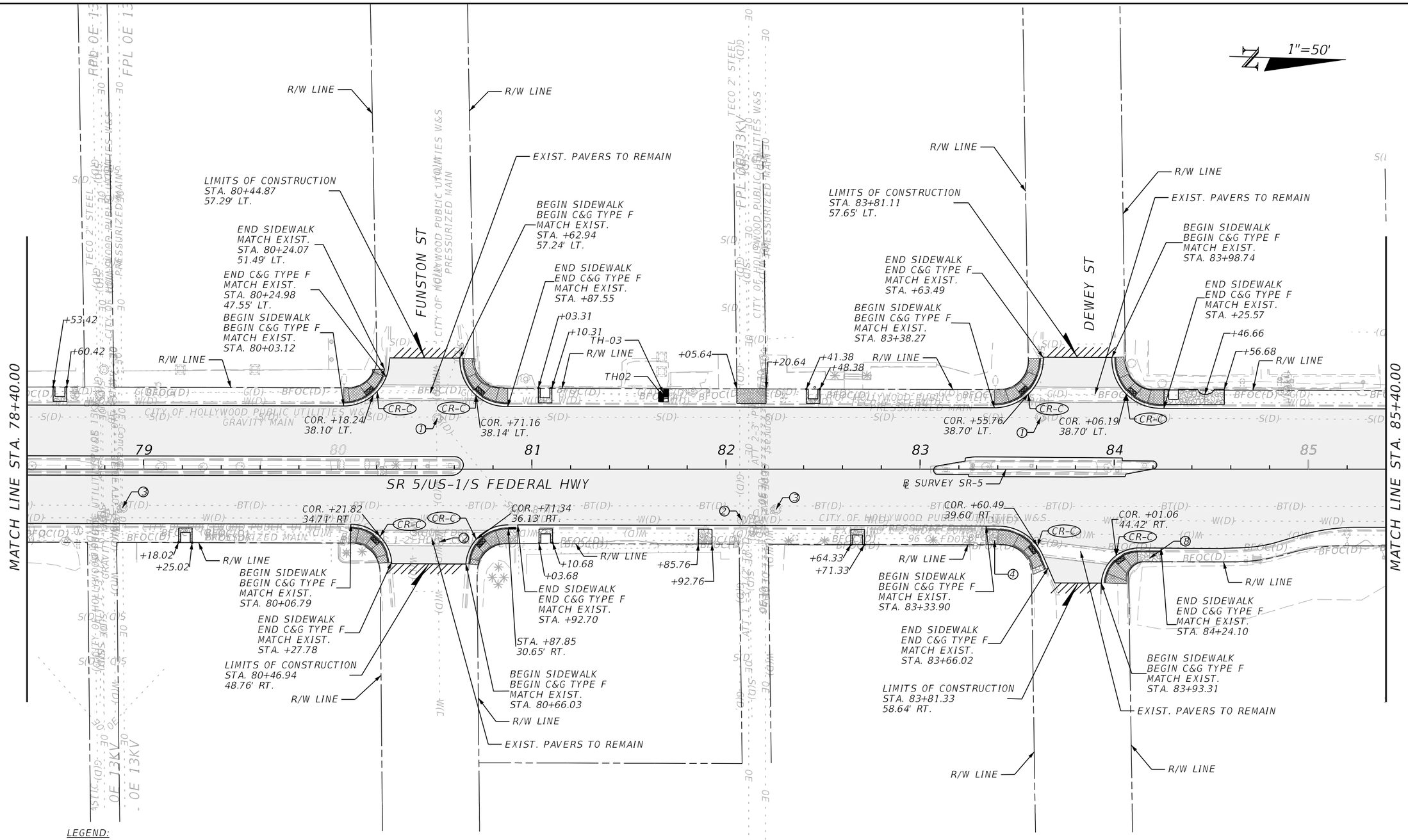

LEGEND:

- 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 THIS WORK IS UNDER FPID 441582-1-52-03

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. 11

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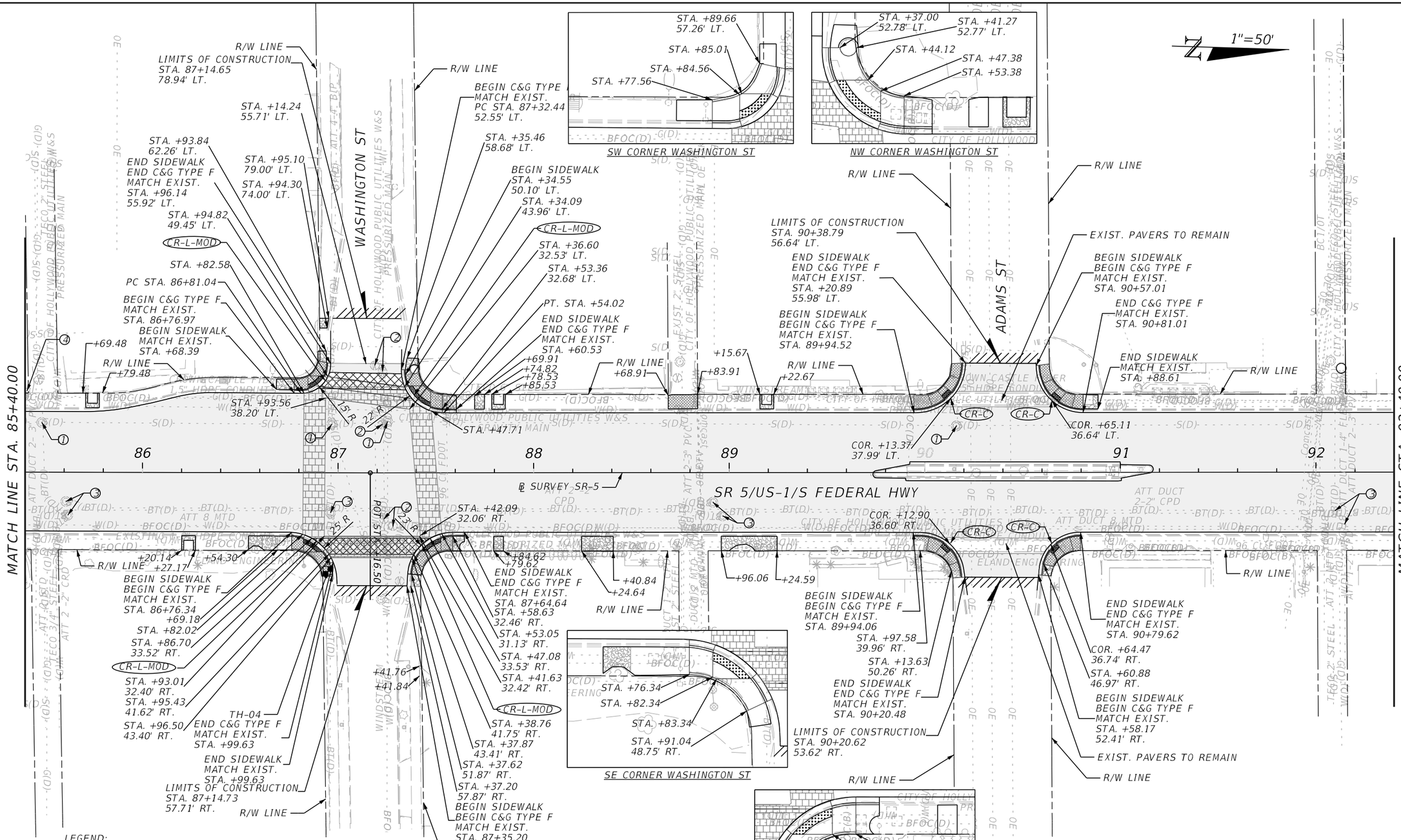

LEGEND:

- 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 THIS WORK IS UNDER FPID 441582-1-5
- (3) COMMUNICATION MANHOLE TO BE ADJUSTED BY AT&T
- (4) FIRE HYDRANT TO REMAIN

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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12/16/2021 10:39:33 AM
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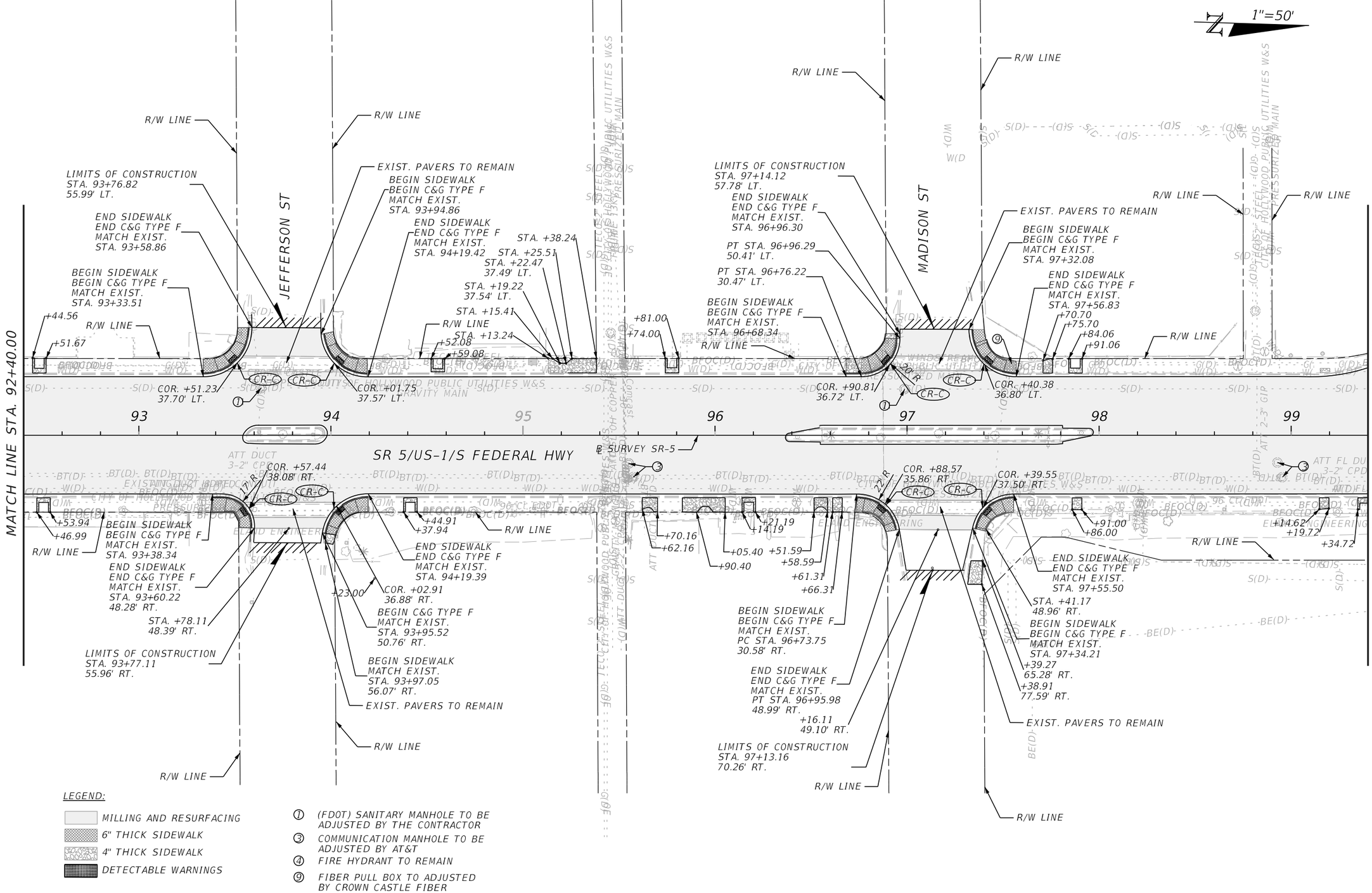

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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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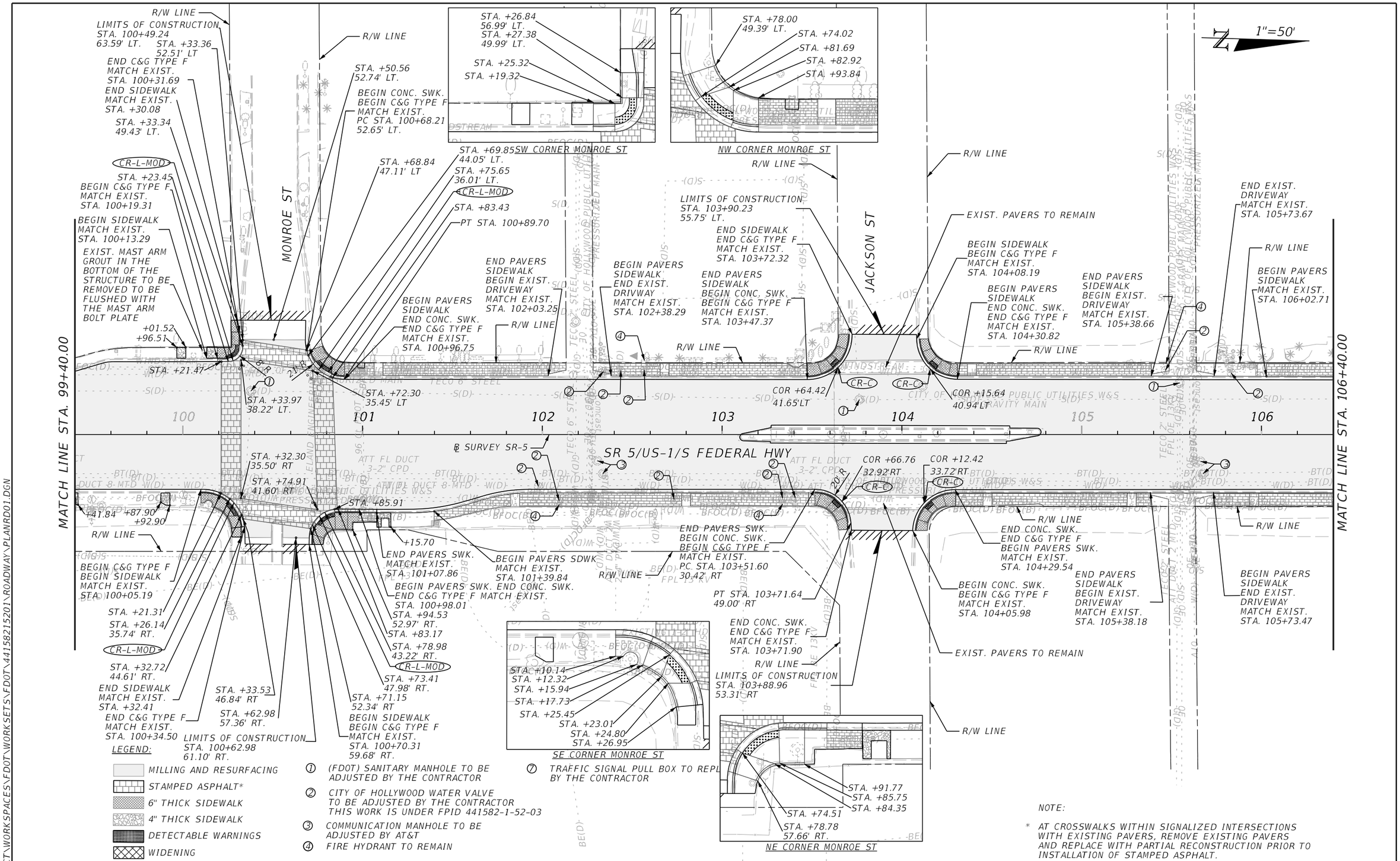

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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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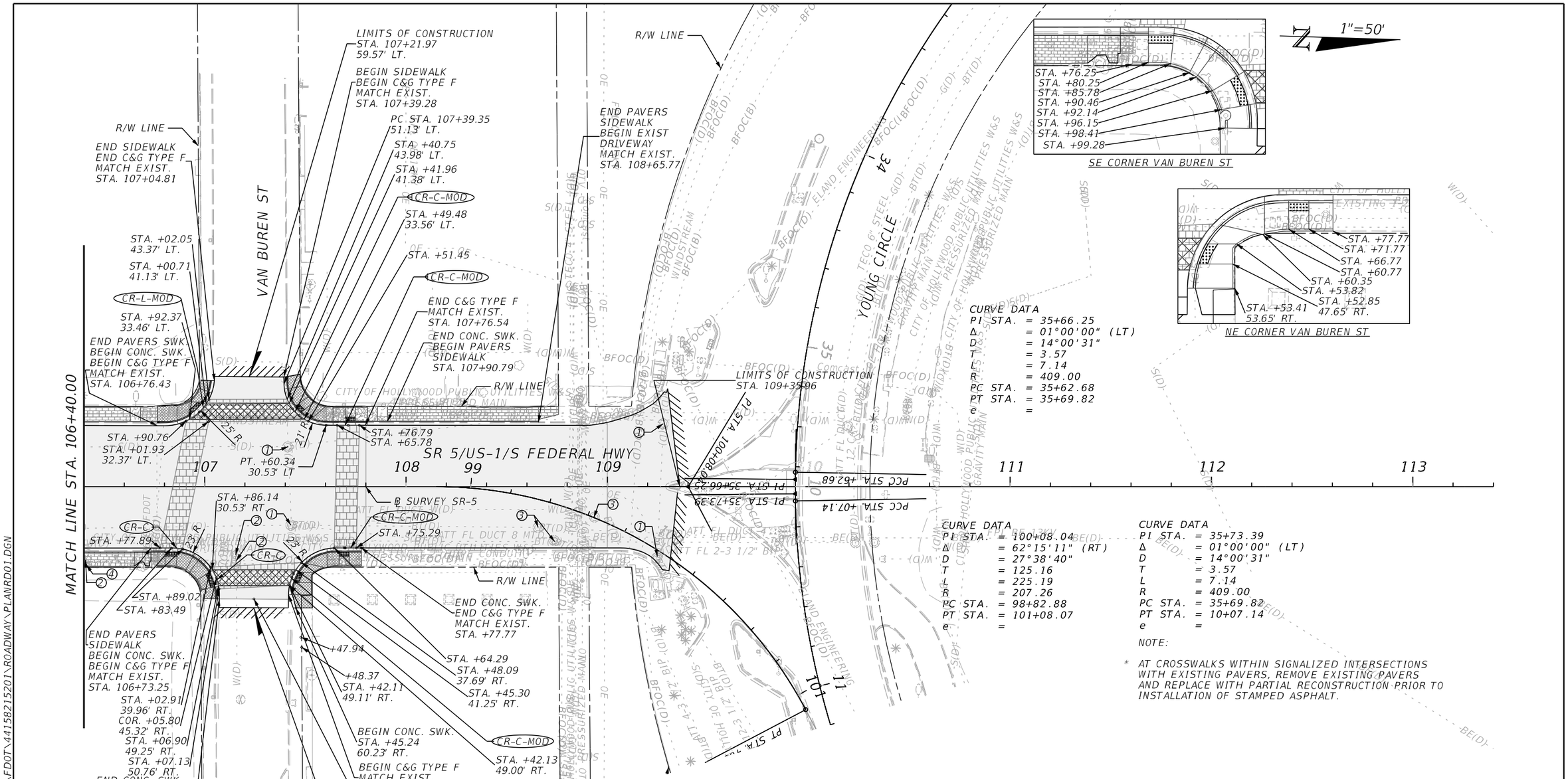

CURVE DATA
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Δ = 01°00'00" (LT)
D = 14°00'31"
T = 3.57
L = 7.14
R = 409.00
PC STA. = 35+62.68
PT STA. = 35+69.82
e =

CURVE DATA
PI STA. = 100+08.04
Δ = 62°15'11" (RT)
D = 27°38'40"
T = 125.16
L = 225.19
R = 207.26
PC STA. = 98+82.88
PT STA. = 101+08.07
e =

CURVE DATA
PI STA. = 35+73.39
Δ = 01°00'00" (LT)
D = 14°00'31"
T = 3.57
L = 7.14
R = 409.00
PC STA. = 35+69.82
PT STA. = 10+07.14
e =

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. 15

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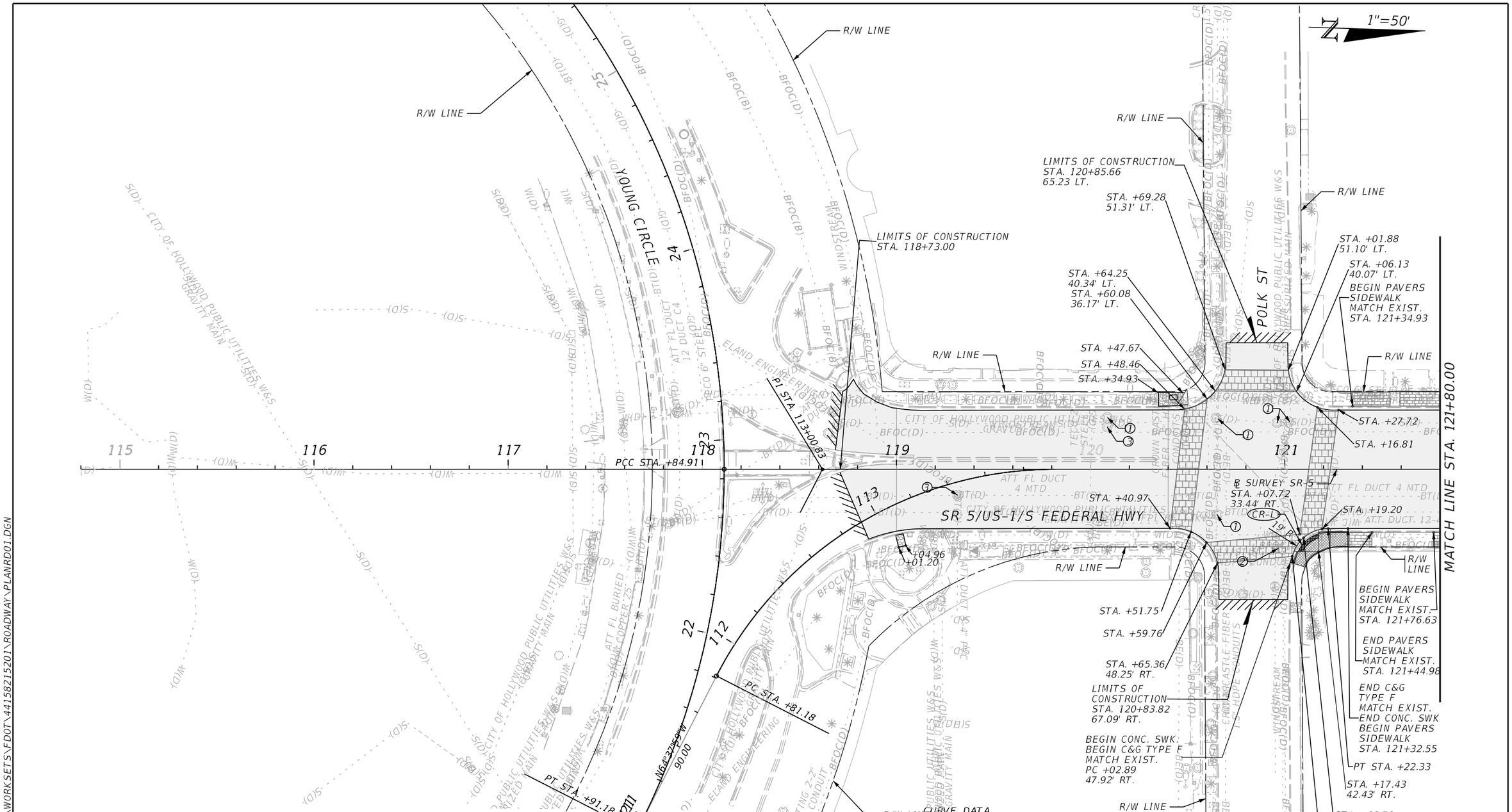

CURVE DATA

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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 THIS WORK IS UNDER FPID 441582-1-52-03

③ COMMUNICATION MANHOLE TO BE ADJUSTED BY AT&T

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

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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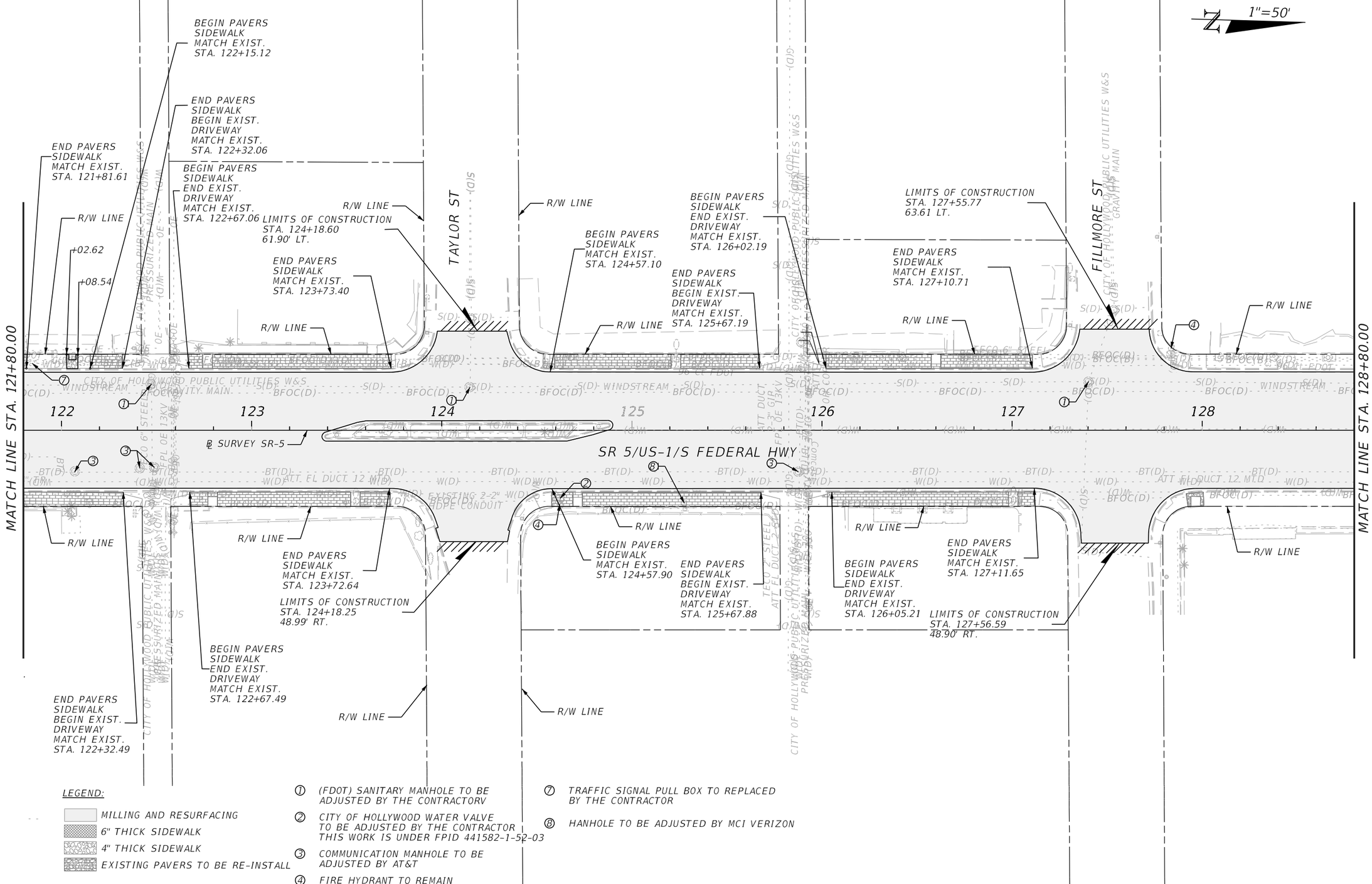

LEGEND:

- MILLING AND RESURFACING
- 6" THICK SIDEWALK
- 4" THICK SIDEWALK
- EXISTING PAVERS TO BE RE-INSTALL

1. (FDOT) SANITARY MANHOLE TO BE ADJUSTED BY THE CONTRACTORV
2. CITY OF HOLLYWOOD WATER VALVE TO BE ADJUSTED BY THE CONTRACTOR THIS WORK IS UNDER FPID 441582-1-52-03
3. COMMUNICATION MANHOLE TO BE ADJUSTED BY AT&T
4. FIRE HYDRANT TO REMAIN
7. TRAFFIC SIGNAL PULL BOX TO REPLACED BY THE CONTRACTOR
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. 17

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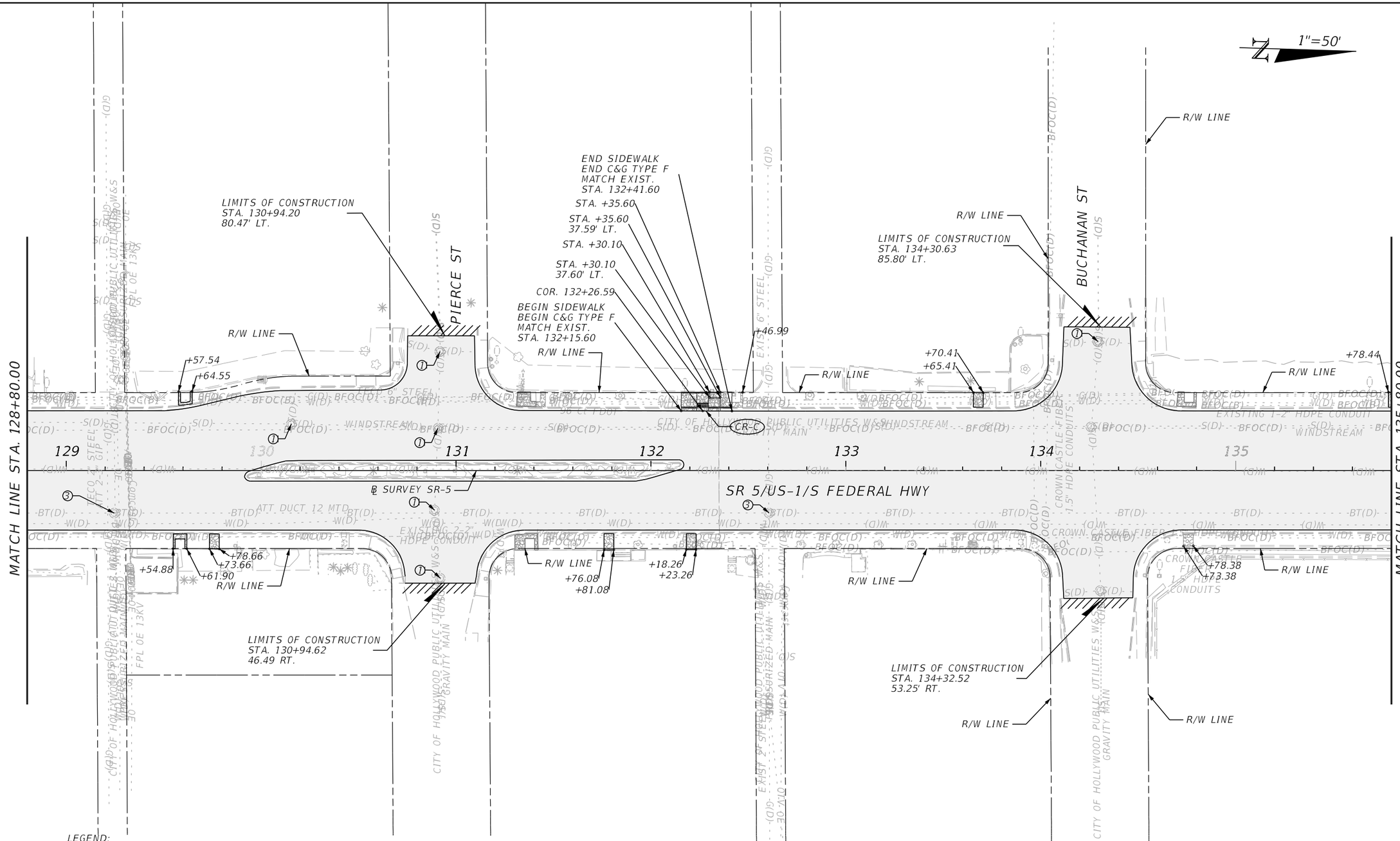

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

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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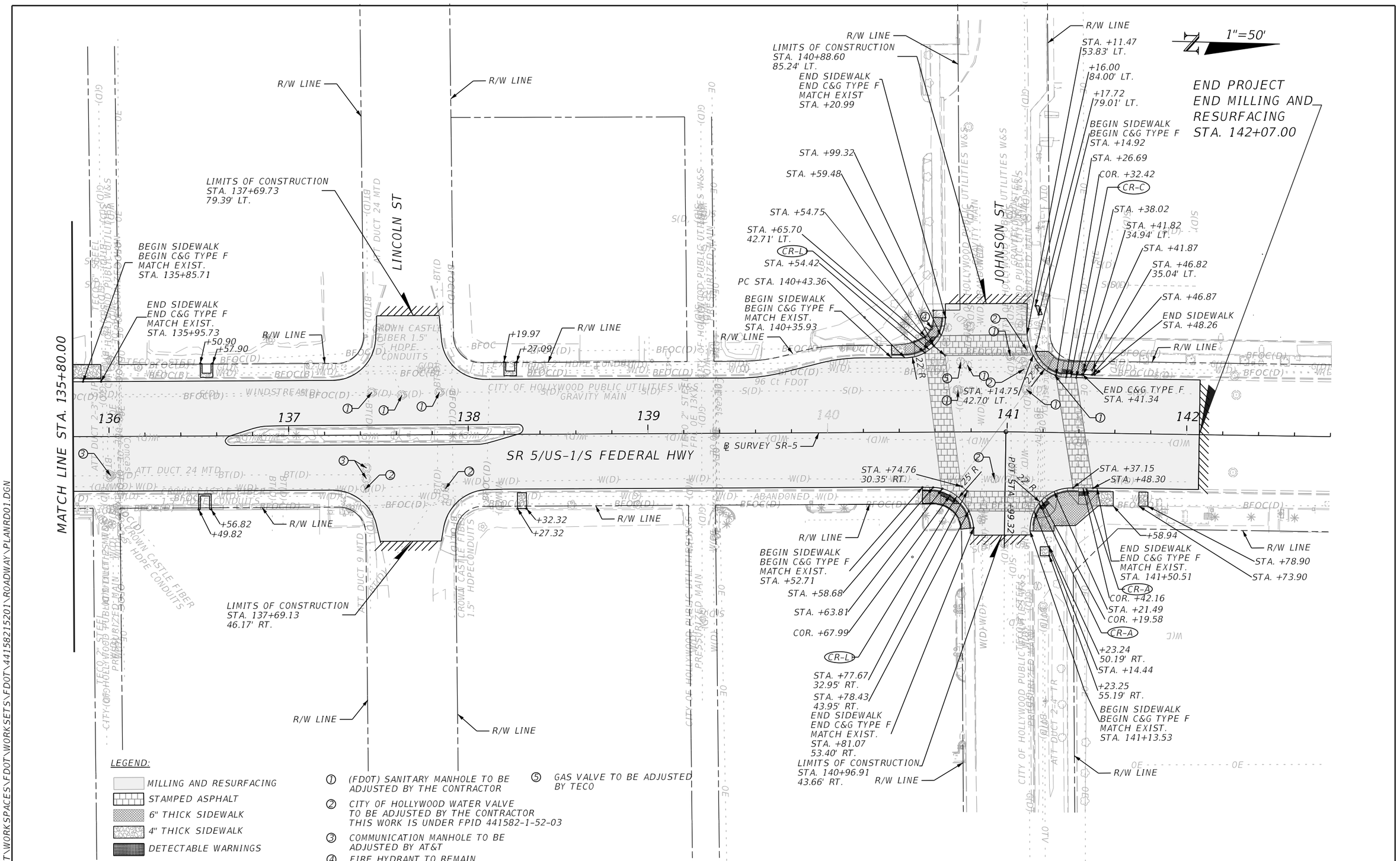

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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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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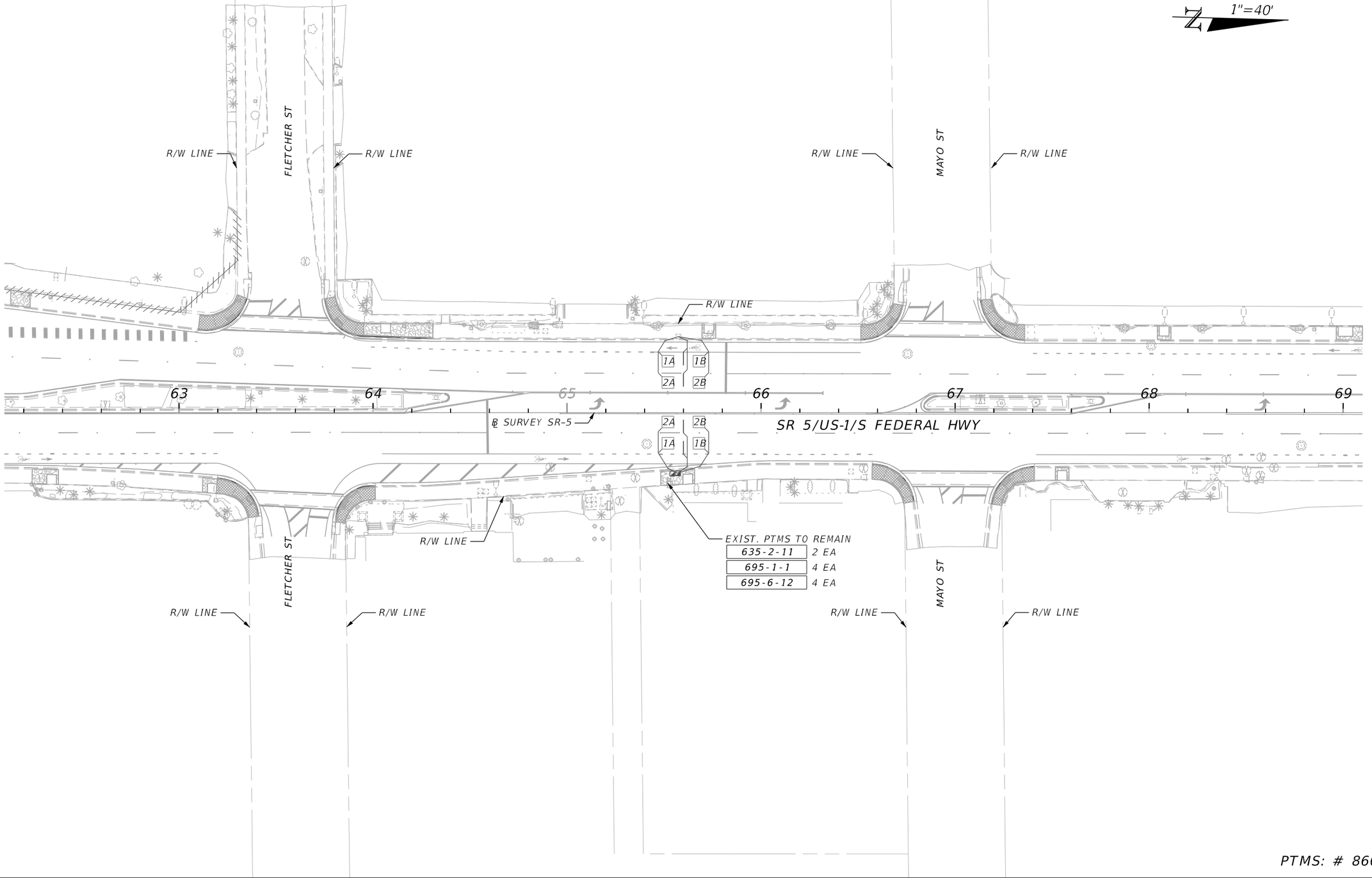

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

TRAFFIC MONITORING SITE

SHEET NO.
20

12/16/2021 10:39:41 AM dquintero
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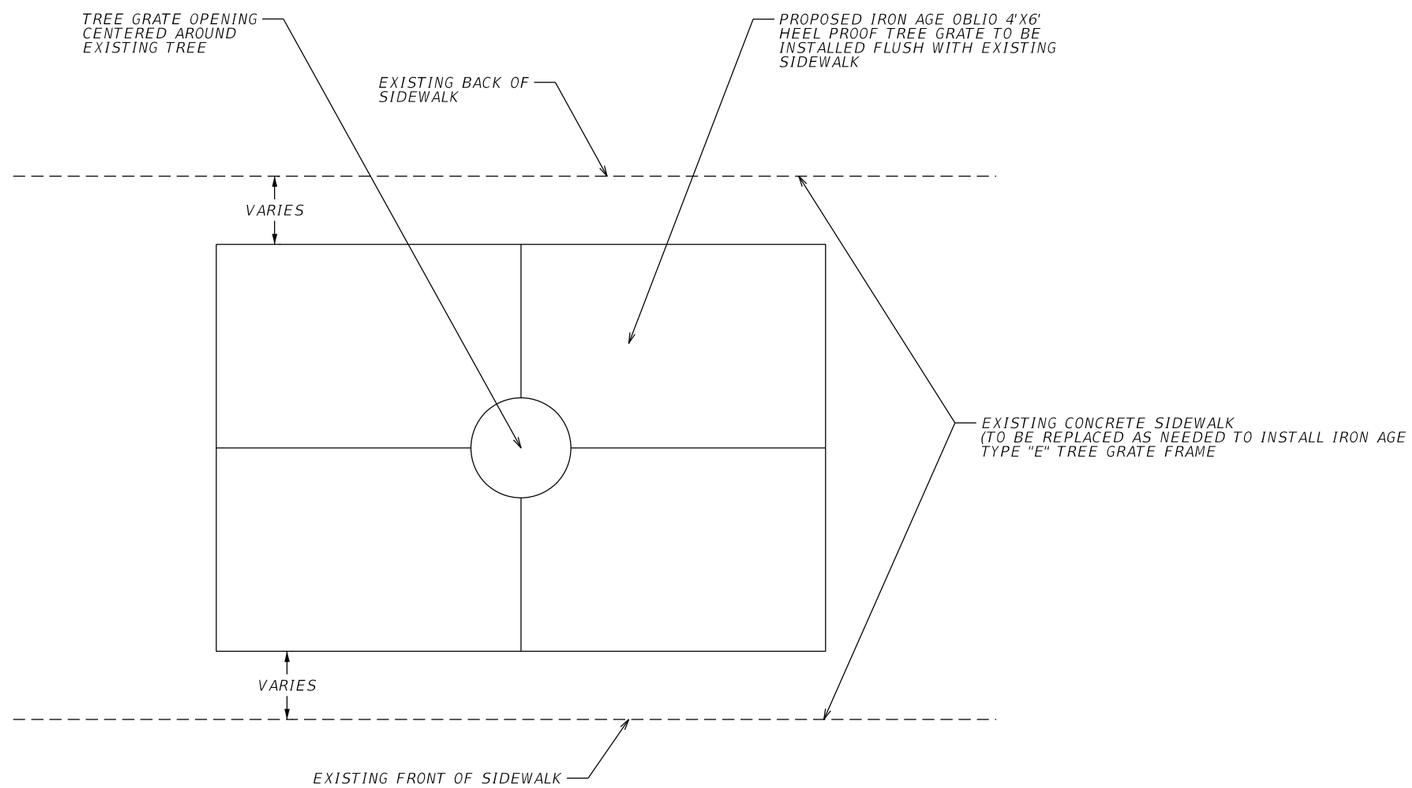
NOTES:

1. TREE GRATE SHALL BE "OBLIO 4'X6' HEEL PROOF" (PRODUCT ID OX48-72199TGHP) WITH CAST IRON/BAKE-ON OIL FINISH.

2. REPLACE EXISTING SIDEWALK AROUND PROPOSED TREE GRATE TO THE NEAREST JOINT TO ATTACH PROPOSED "IRON AGE TYPE 'E' TREE GRATE FRAME" PER MANUFACTURER'S RECOMMENDATION.

3. AT LOCATIONS WHERE THERE IS NO CONCRETE SIDEWALK AROUND THE PROPOSED TREE GRATE, INSTALL A 2"x4" METAL TUBE TO SUPPORT OPEN END OF TREE GRATE,



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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

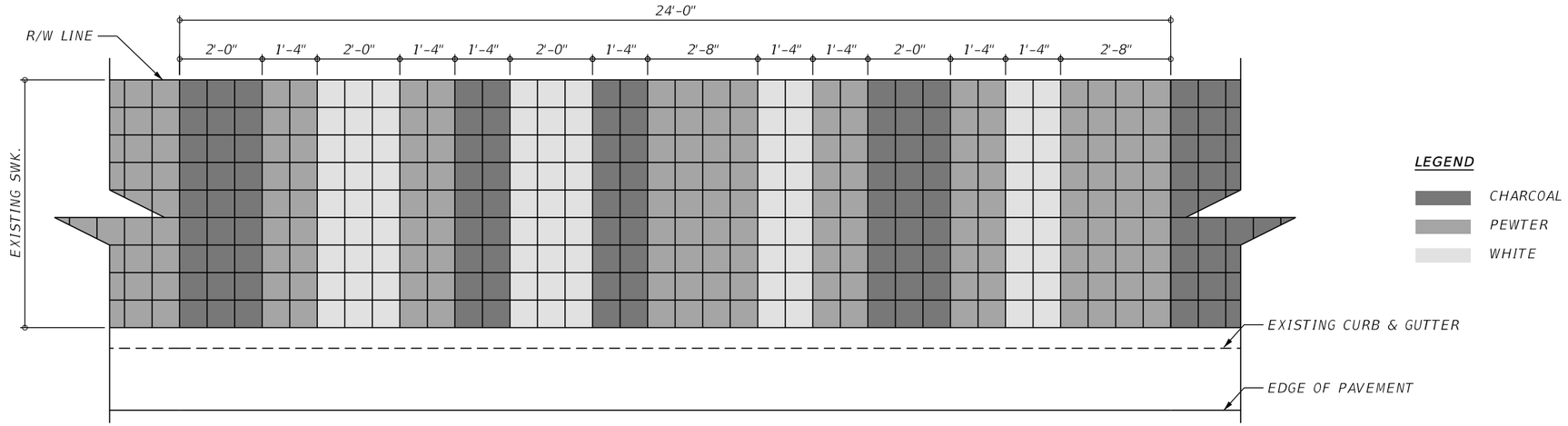
ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

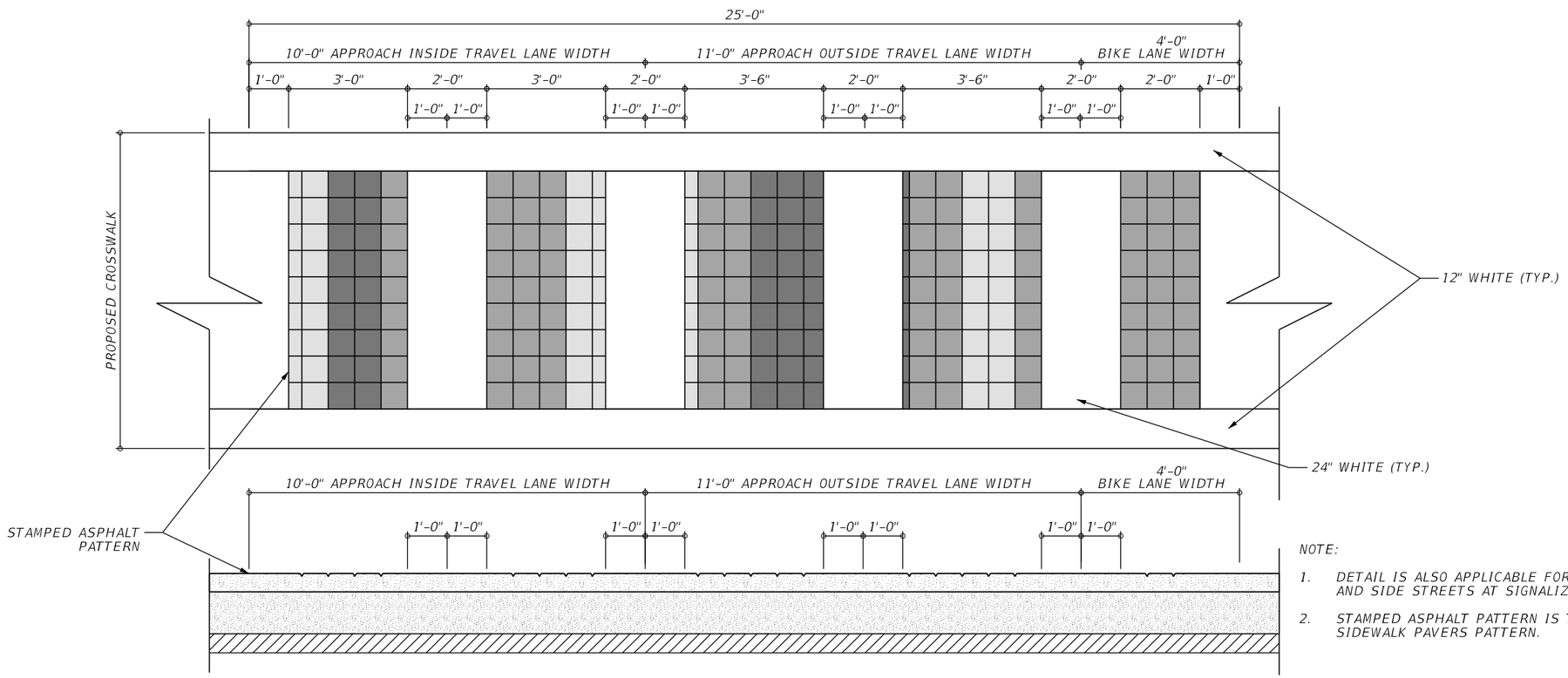
SPECIAL DETAIL

SHEET NO.
21



PAVER INSTALLATION DETAILS AT SIDEWALKS

N.T.S



NOTE:

1. DETAIL IS ALSO APPLICABLE FOR APPROACHING TURN LANES AND SIDE STREETS AT SIGNALIZED INTERSECTIONS.
2. STAMPED ASPHALT PATTERN IS THE SAME AS THE SIDEWALK PAVERS PATTERN.

STAMPED ASPHALT INSTALLATION DETAILS ATSIGNALIZED INTERSECTIONS WITH EMPHASIZED CROSSWALKS

N.T.S

REVISIONS			
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TEL. (786) 808-0106

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STATE OF FLORIDA
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SR 5	BROWARD	441582-1-52-01

SPECIAL DETAILS

SHEET NO. 22

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TEMPORARY TRAFFIC CONTROL GENERAL NOTES

1. LANE CLOSURES SHALL OCCUR ONLY DURING NON-PEAK HOURS ON NON-EVENT DAYS/NIGHTS/WEEKENDS. NON-PEAK HOURS ARE:

   -10:30 PM TO 7:30 AM SUNDAY THROUGH THURSDAY NIGHTS

   SHORT-TERM LANE CLOSURES, NOT EXCEEDING TWO HOURS PER DAY, ARE ALLOWED DURING NON-EVENT DAYS FOR THE PURPOSE OF POURING CONCRETE. SHORT-TERM LANE CLOSURE HOURS ARE:

   -7:30 AM TO 3:00 PM MONDAY THROUGH THURSDAY

   CLOSE ONLY ONE LANE (PER DIRECTION) OF THRU TRAFFIC AT A TIME.

2. RECONSTRUCTION OF DECORATIVE CROSSWALKS ALONG SIDE STREETS CAN BE PERFORMED CONTINUOUSLY DURING WEEKENDS USING DETOURS OF THE SIDE STREET AND MAINTAING ALL LANES OF TRAFFIC OPEN ALONG SR-5. WEEKEND SIDE STREET DETOUR HOURS ARE:

   -10:00 PM ON FRIDAY TO 5:00 AM ON MONDAY

3. FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) AT EACH APPROACH TO THE WORK ZONE FOURTEEN (14) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION AND DURING CONSTRUCTION AS SHOWN BELOW.

PORTABLE CHANGEABLE MESSAGE SIGNS

ROAD WORK BEGINS	MM/DD YYYY
MESSAGE #1	MESSAGE #2

MESSAGE TO BE PLACED PRIOR TO CONSTRUCTION

ROAD WORK AHEAD	EXPECT DELAYS
MESSAGE #1	MESSAGE #2

MESSAGE TO BE PLACED DURING CONSTRUCTION

4. THE EXISTING POSTED REGULATORY SPEED WITHIN THE PROJECT LIMITS SHALL BE MAINTAINED FOR ALL PHASES OF CONSTRUCTION.

5. PERFORM SIDEWALK CLOSURES ONE SIDE AT A TIME TO MAINTAIN PEDESTRIAN TRAFFIC. SIDEWALK CLOSURES SHALL NOT EXCEED TWO BLOCKS AT A TIME.

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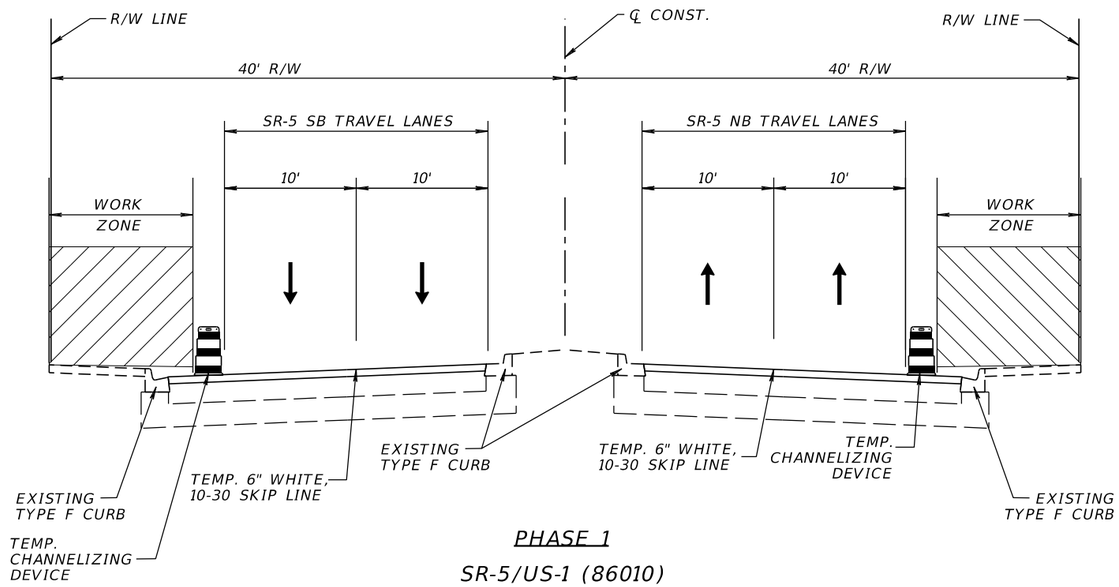

PHASE 1

SR-5/US-1 (86010)

STA. 60+11.72 TO STA. 142+07.00

POSTED SPEED = 35 MPH

1) INSTALL TEMPORARY TRAFFIC CONTROL DEVICES PER FDOT STANDARD PLANS INDEX 102-602, 102-613, AND 102-660.

2) INSTALL NEW LIGHT POLES, PULL BOXES, CONDUITS AND RECONSTRUCT SIDEWALK, INSTALL SIDEWALK PAVERS, RETROFIT EXISTING LIGHT POLES AND ASSOCIATED WORK, INSTALL ADA TREE GRATES AND REPLACE ADA CURB RAMPS.

3) MAINTAIN SIDEWALK OPEN ON ONE SIDE AT ALL TIMES. WHERE NOT POSSIBLE, INSTALL DETOUR SIGNAGE IN ACCORDANCE WITH TYPICAL INTERSECTION CLOSURE PEDESTRIAN DETOUR DETAIL.

4) PLACE FINAL SIGNING.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

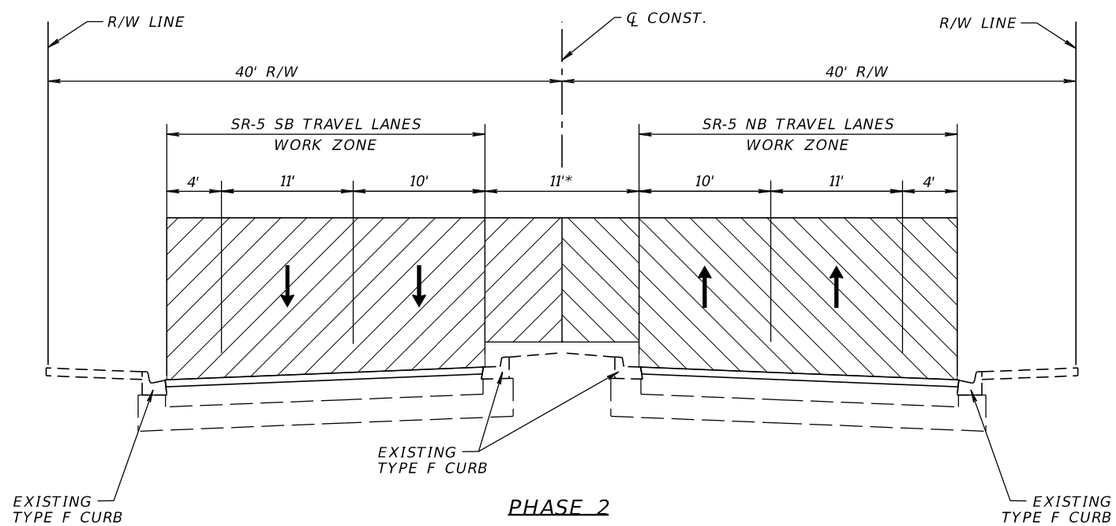
ALEJANDRO URIBE, P.E.
P.E. LICENSE NUMBER 75596
GANNETT FLEMING, INC.
800 NW 62ND AVE - SUITE 490
MIAMI, FLORIDA 33126

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

TEMPORARY TRAFFIC CONTROL PLANS

SHEET NO.
24



PHASE 2

SR-5/US-1 (86010)

STA. 60+11.72 TO STA. 142+07.00

POSTED SPEED = 35 MPH

* MILL AND RESURFACE AT TWO-WAY LEFT TURN LANE LOCATIONS

PHASE 2A

1) INSTALL TEMPORARY TRAFFIC CONTROL DEVICES PER FDOT STANDARD PLANS INDEXES 102-613 AND 102-615.

2) NO MORE THAN ONE LANE IS PERMITTED TO BE CLOSED AT A TIME IN EACH DIRECTION TO ESTABLISH THE WORK ZONE.

3) CONSTRUCT MILLING, RESURFACING, AND WIDENING.

PHASE 2B

1) INSTALL DETOUR SIGNAGE PER TYPICAL INTERSECTION CLOSURE DETOUR DETAIL AND TYPICAL INTERSECTION CLOSURE PEDESTRIAN DETOUR DETAIL.

2) INSTALL DECORATIVE CROSSWALKS AT SIGNALIZED INTERSECTIONS.

PHASE 2C

1) INSTALL TEMPORARY TRAFFIC CONTROL DEVICES PER FDOT STANDARD PLANS INDEXES 102-613 AND 102-615.

2) NO MORE THAN ONE LANE IS PERMITTED TO BE CLOSED AT A TIME IN EACH DIRECTION TO ESTABLISH THE WORK ZONE.

3) COMPLETE CONSTRUCTION AND FINAL PAVEMENT MARKINGS.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ALEJANDRO URIBE, P.E.
P.E. LICENSE NUMBER 75596
GANNETT FLEMING, INC.
800 NW 62ND AVE - SUITE 490
MIAMI, FLORIDA 33126

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

TEMPORARY TRAFFIC CONTROL PLANS

SHEET NO.
25

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LEGEND

Portable Changeable (Variable) Message Sign

Work Area

Lane Identification and Direction of Traffic

Work Zone Sign

Type III Barricade

PCMS DISPLAYS

PCMS 1

MESSAGE 1: US-1 CLOSED AHEAD

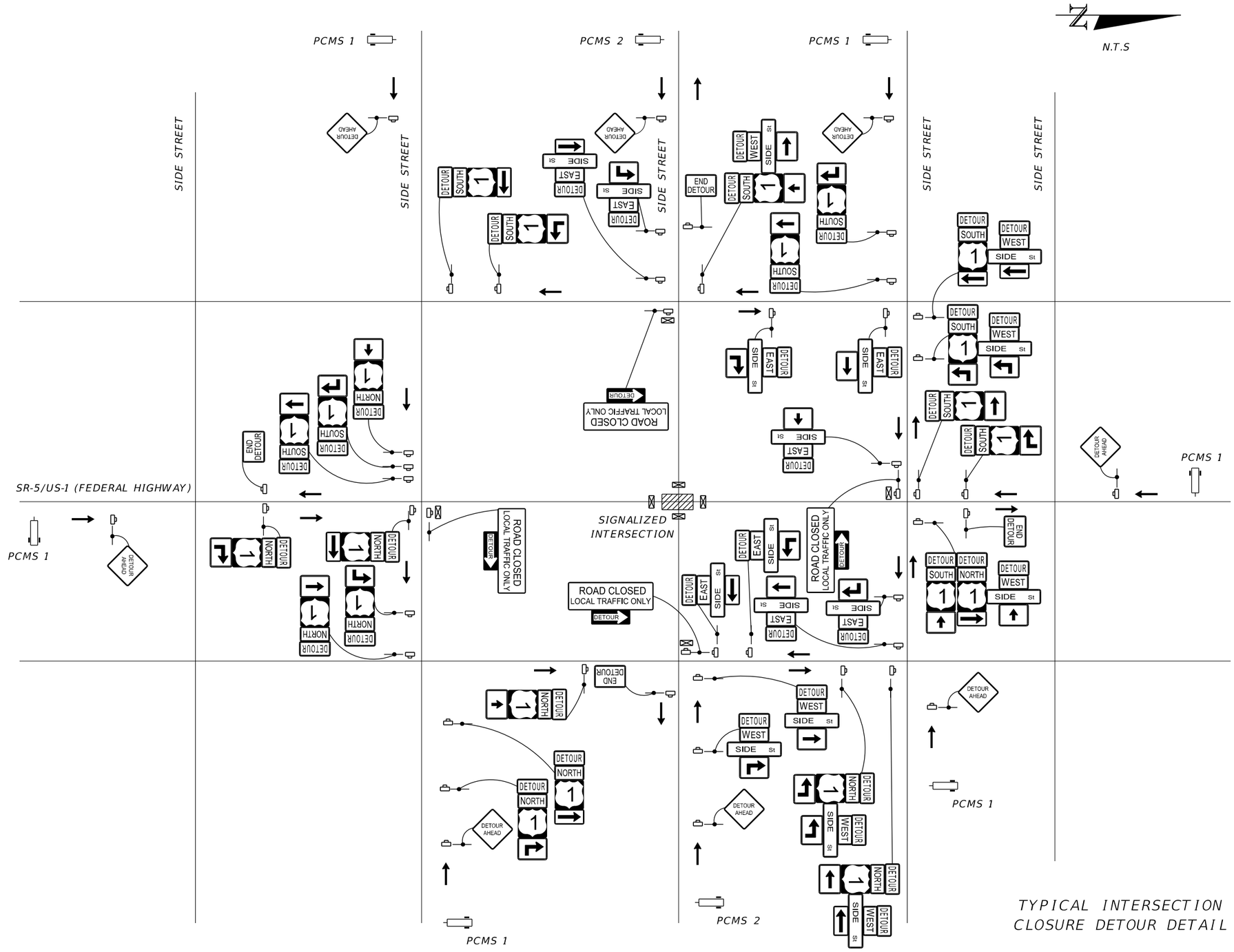
MESSAGE 2: FOLLOW DETOUR SIGNS

PCMS 2

MESSAGE 1: XXXX ST CLOSED AHEAD *

MESSAGE 2: FOLLOW DETOUR SIGNS

* DO NOT EXCEED 3 LINES AND 8 CHARACTERS PER LINE IN PCMS SIGNS. USE ABBREVIATIONS WHEN NEEDED.



TYPICAL INTERSECTION CLOSURE DETOUR DETAIL

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MIAMI, FLORIDA 33126

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

TEMPORARY TRAFFIC CONTROL PLANS

SHEET NO. 26

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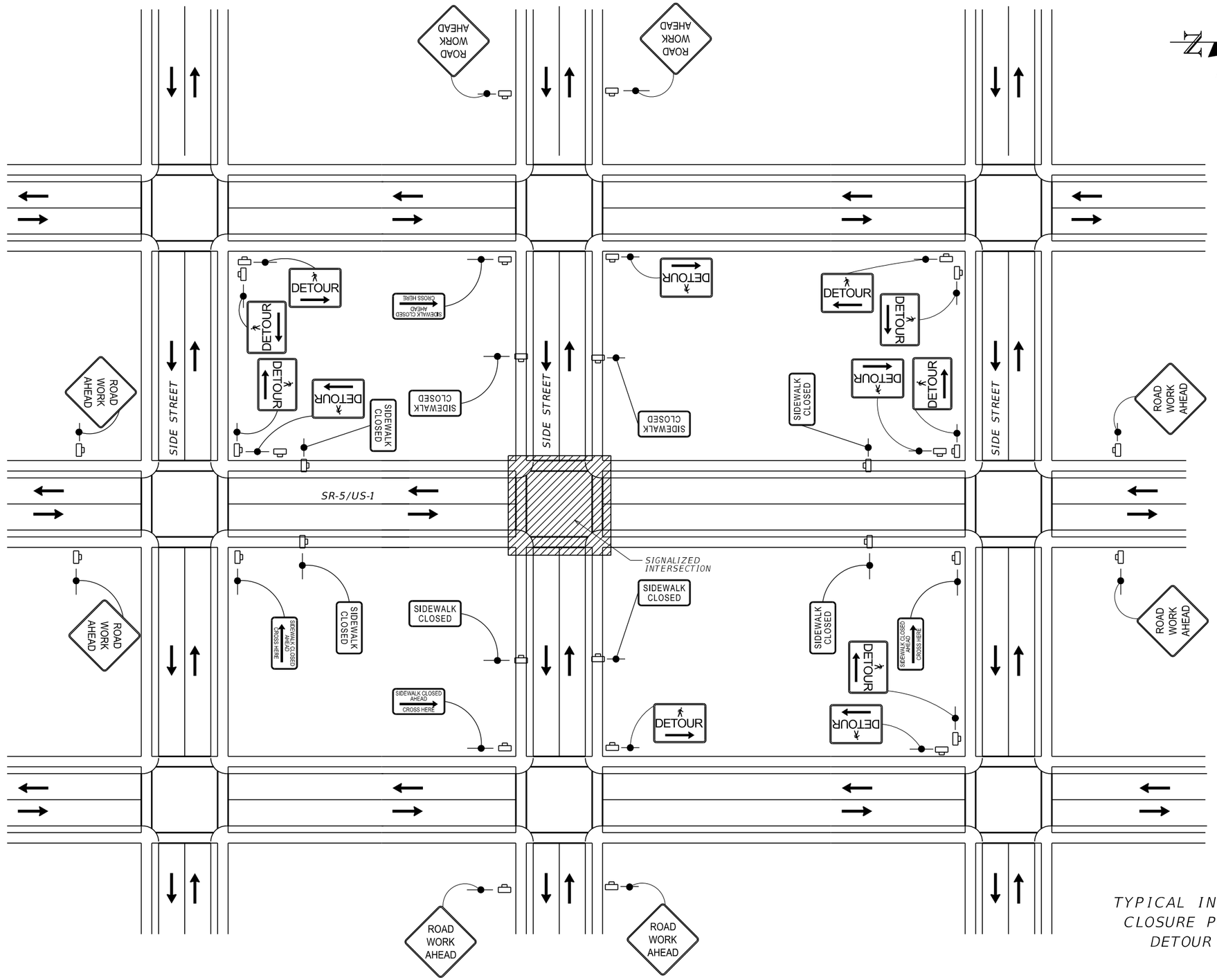

TYPICAL INTERSECTION CLOSURE PEDESTRIAN DETOUR DETAIL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ALEJANDRO URIBE, P.E.
P.E. LICENSE NUMBER 75596
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800 NW 62ND AVE - SUITE 490
MIAMI, FLORIDA 33126

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

TEMPORARY TRAFFIC CONTROL PLANS

SHEET NO. 27

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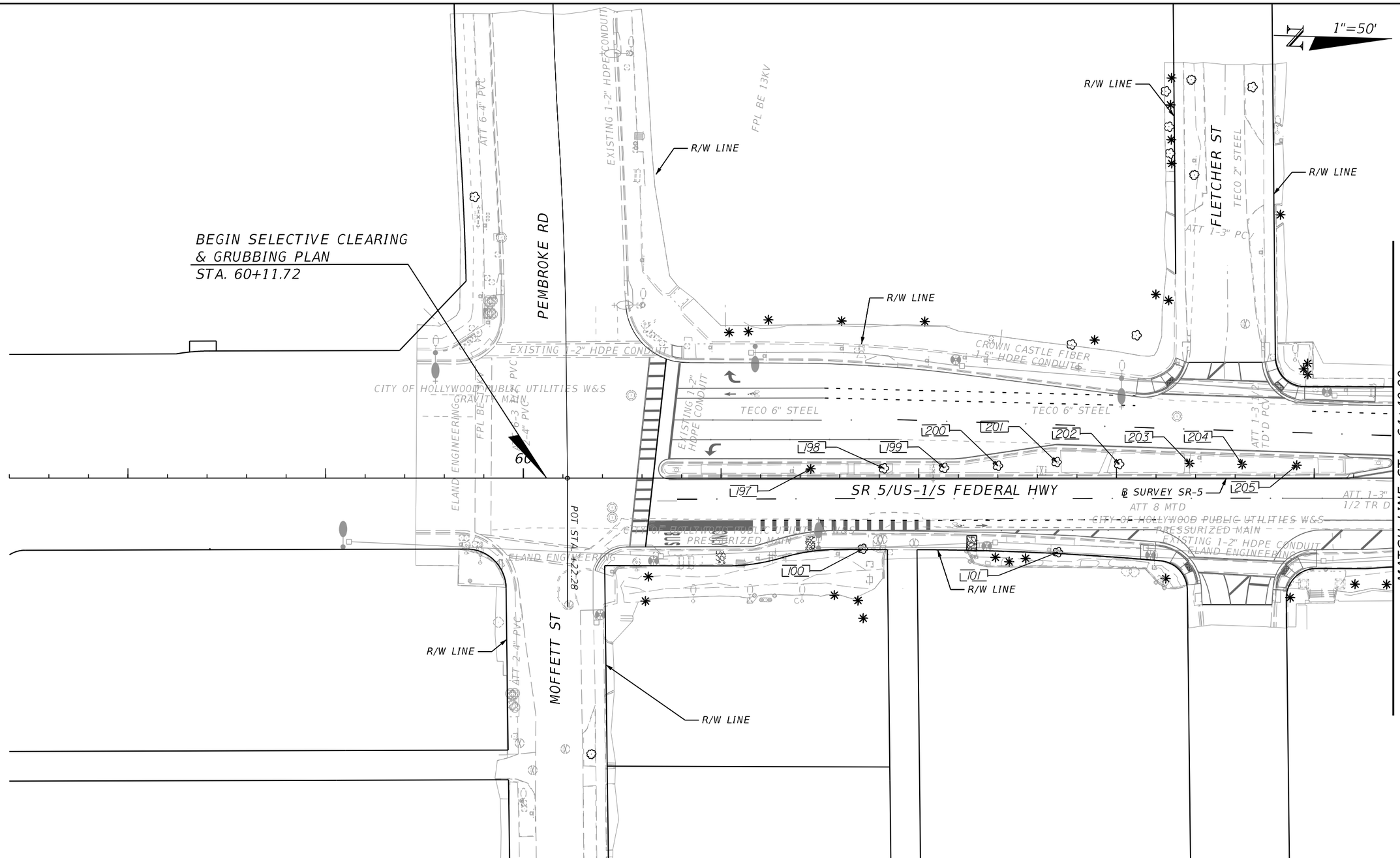

LEGEND

- 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. 28

12/16/2021 1:16:58 PM
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1"=50'

R/W LINE

MAYO ST

WILEY ST

TECO 2" STEEL

102 103 104 105 106 107 108 109 110

CROWN CASTLE FIBER
1.5" HDPE CONDUITS

CITY OF HOLLYWOOD PUBLIC UTILITIES W&S
GRAVITY MAIN

TECO 6" STEEL

206 207

65

70

℄ SURVEY SR-5

SR 5/US-1/S FEDERAL HWY

CITY OF HOLLYWOOD PUBLIC UTILITIES W&S
PRESSURED MAIN

CITY OF HOLLYWOOD PUBLIC UTILITIES W&S
EXISTING 1-2" HDPE CONDUITS
PRESSURED MAIN

ELAND ENGINEERING

FPL OE 13KV

MATCH LINE STA. -0+03.28

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

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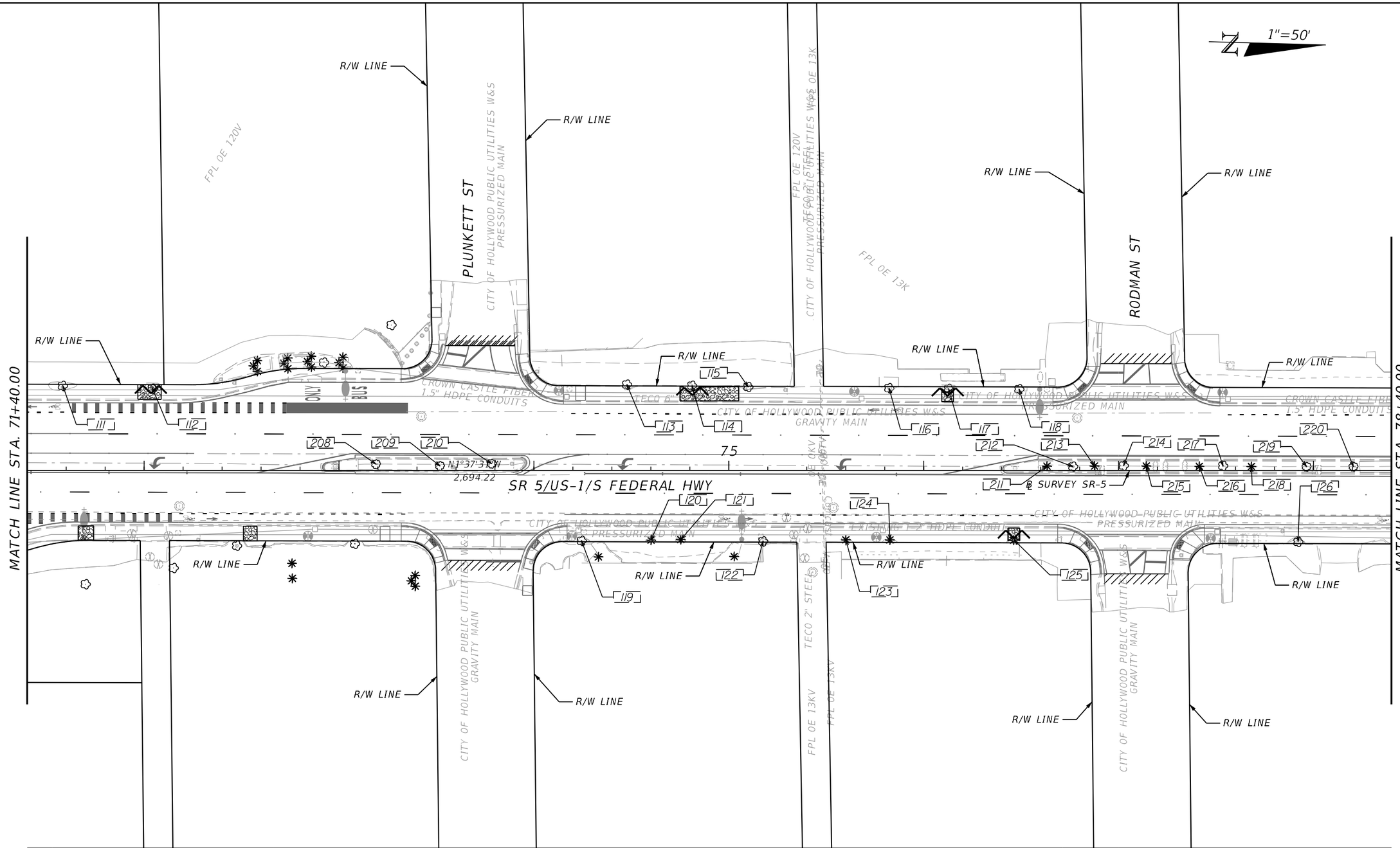

LEGEND

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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1"=50'

MATCH LINE STA. 78+40.00

MATCH LINE STA. 85+40.00

FPL OE 13KV

FPL OE 13KV

TECO 2" STEEL

CITY OF HOLLYWOOD PUBLIC UTILITIES W&S PRESSURIZED MAIN

FUNSTON ST

CITY OF HOLLYWOOD PUBLIC UTILITIES W&S PRESSURIZED MAIN

FPL OE 13KV

CITY OF HOLLYWOOD PUBLIC UTILITIES W&S PRESSURIZED MAIN

DEWEY ST

R/W LINE

CITY OF HOLLYWOOD PUBLIC UTILITIES W&S GRAVITY MAIN

CITY OF HOLLYWOOD PUBLIC UTILITIES W&S PRESSURIZED MAIN

222 223 224 225 226 227 228 127 128 129 130 131 132 133 134

80

85

SR 5/US-1/S FEDERAL HWY

℄ SURVEY SR-5

CITY OF HOLLYWOOD PUBLIC UTILITIES W&S GRAVITY MAIN

CITY OF HOLLYWOOD PUBLIC UTILITIES W&S PRESSURIZED MAIN

EXISTING 1-2" HDPE CONDUIT

CITY OF HOLLYWOOD PUBLIC UTILITIES W&S PRESSURIZED MAIN

BUS ONLY

2" PLASTIC

FPL OE 13KV

FPL OE 13KV

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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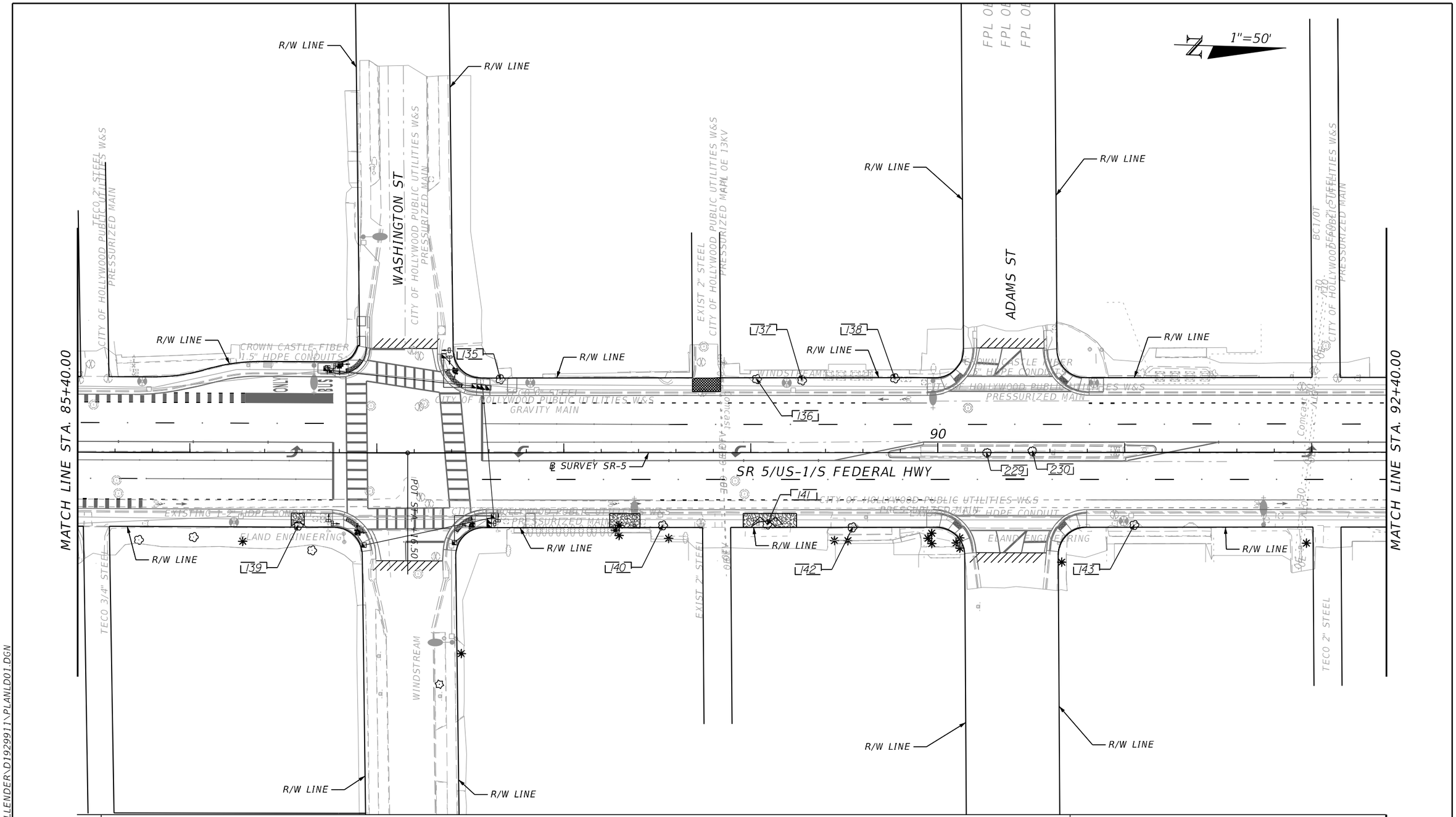

LEGEND

- 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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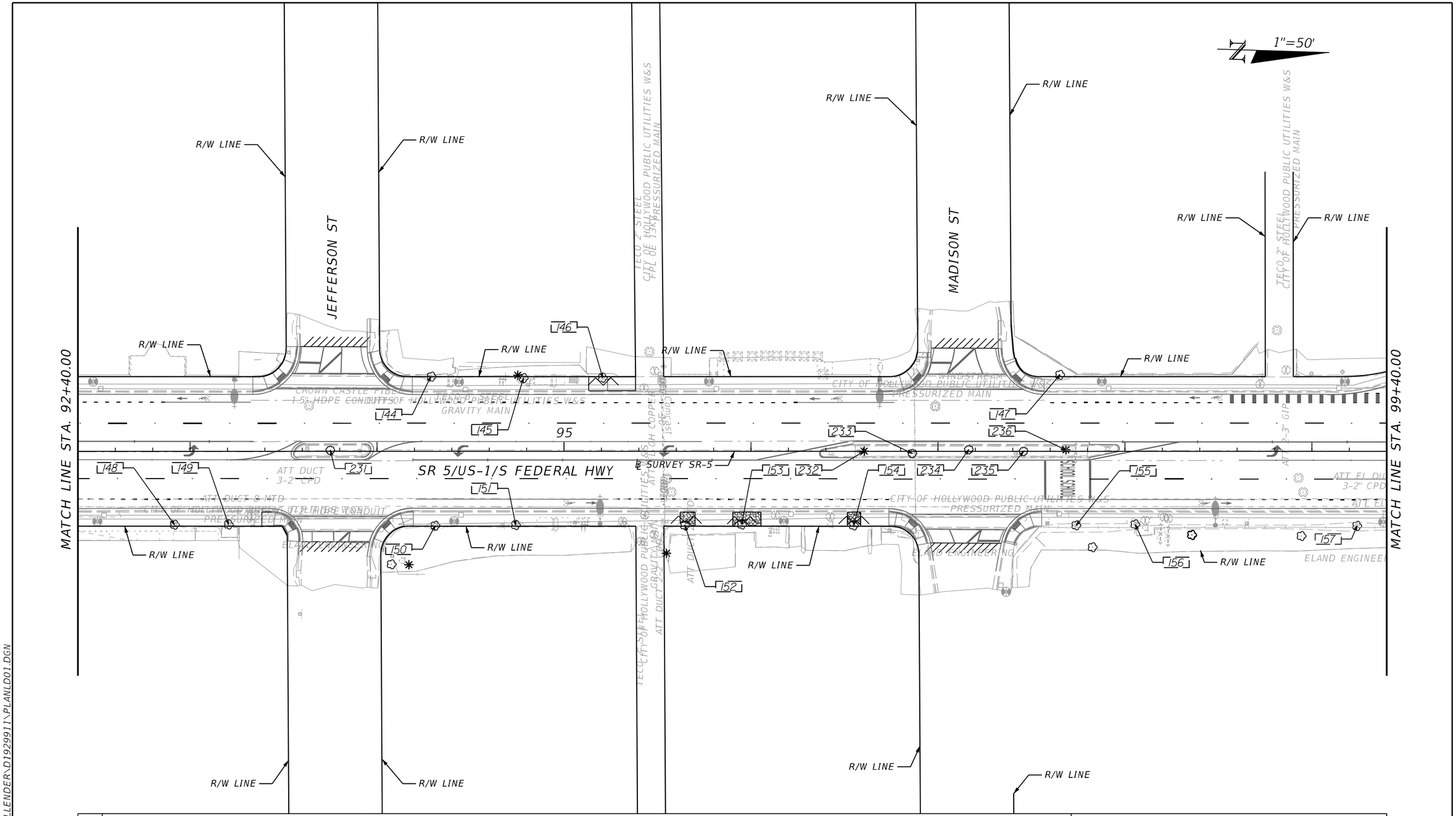

LEGEND

- 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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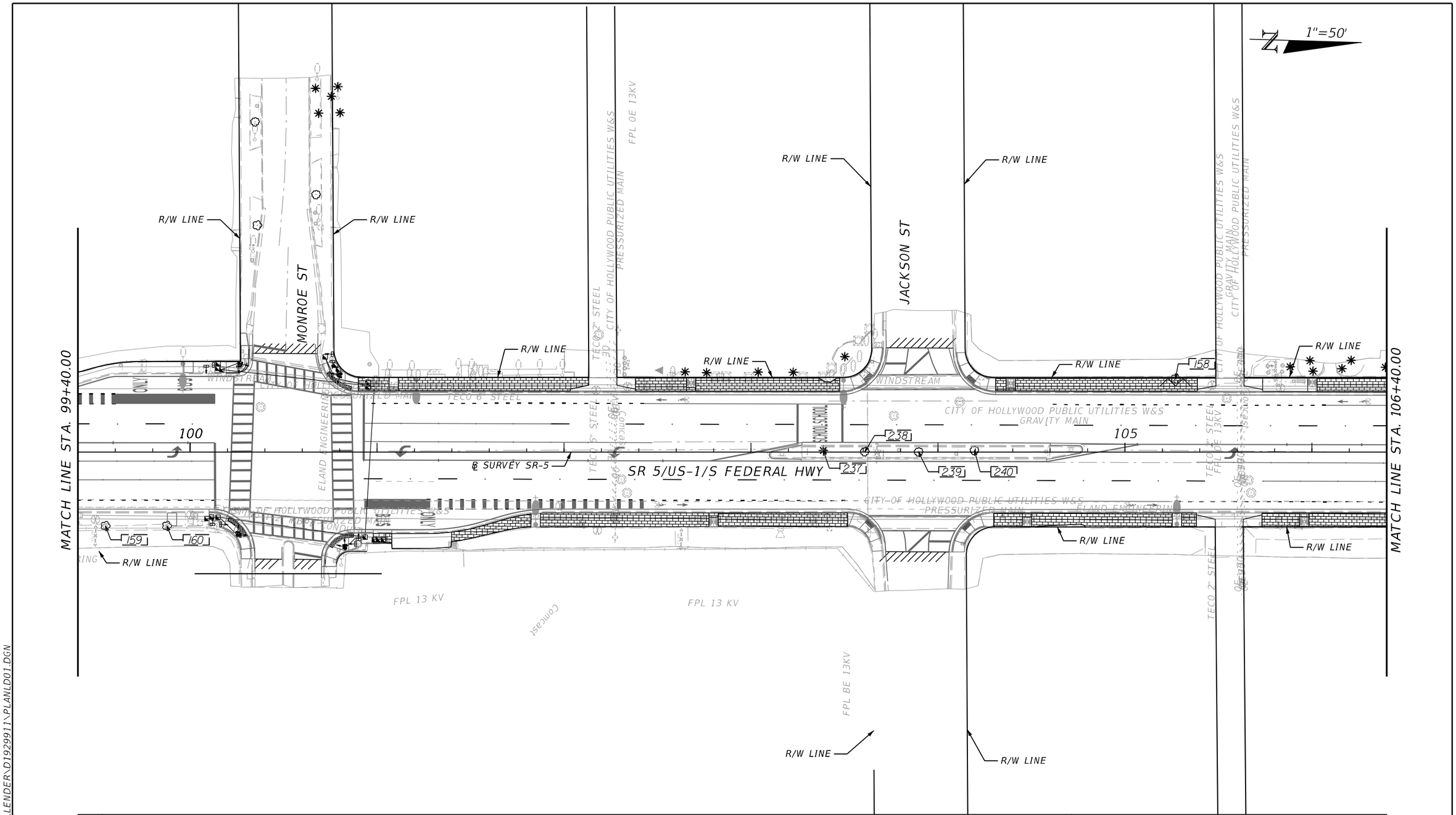

LEGEND

- 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

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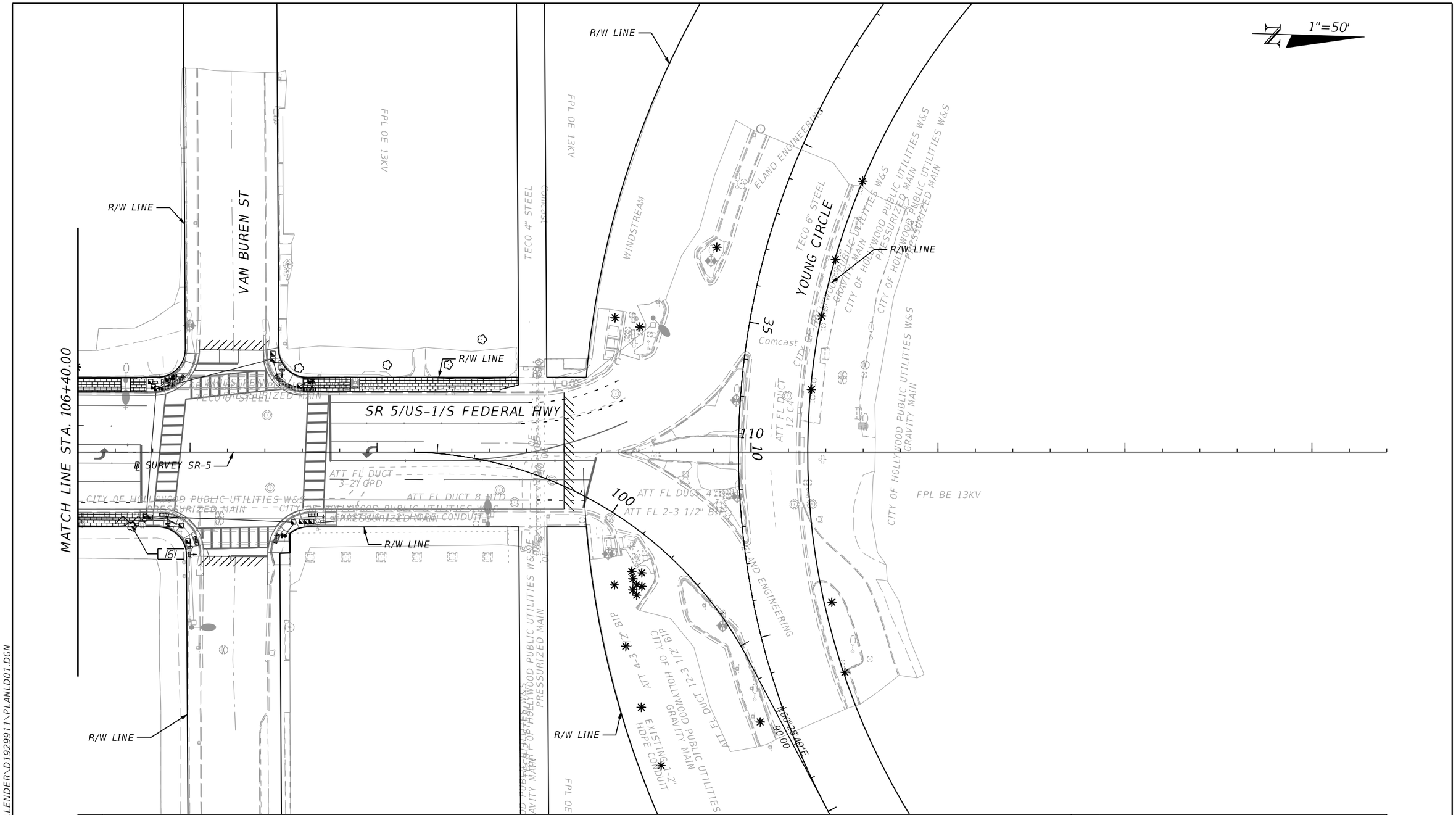

LEGEND

- 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
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SR 5	BROWARD	441582-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO. 35

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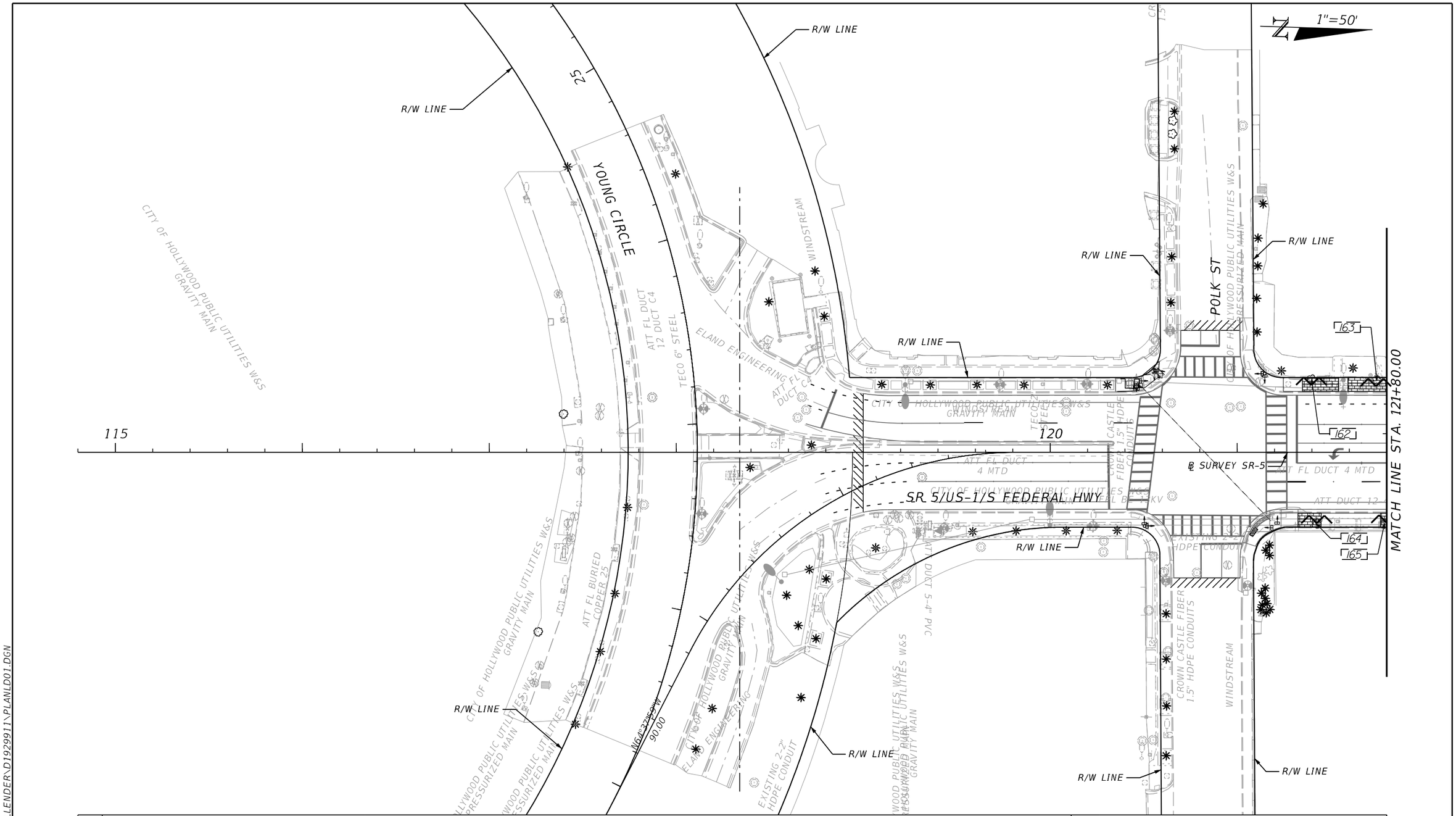

LEGEND

- 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.
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FORT LAUDERDALE, FL 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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SR 5	BROWARD	441582-1-52-01

SELECTIVE CLEARING & GRUBBING PLAN

SHEET NO.
36

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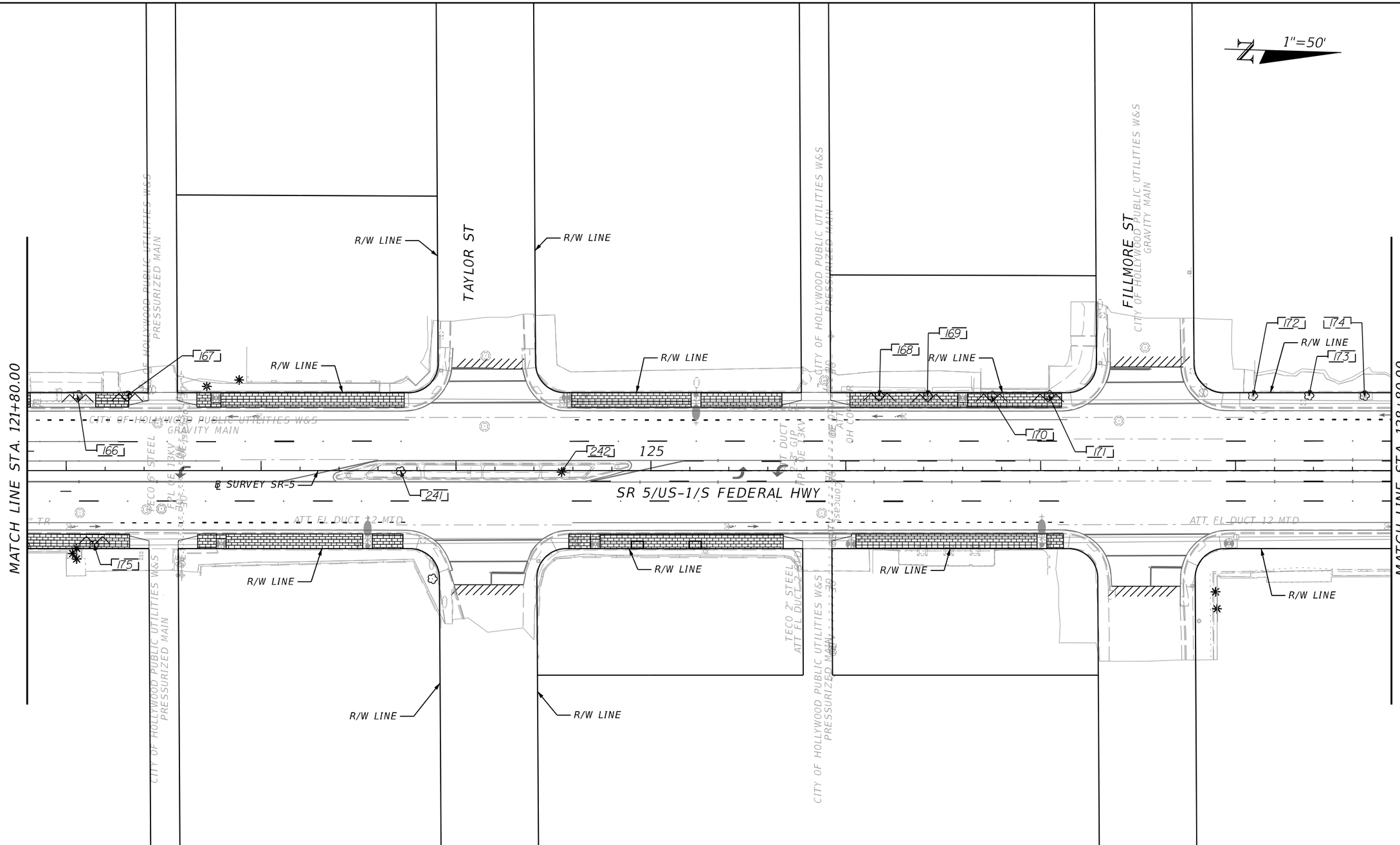

LEGEND

- 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

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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

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

12/16/2021 1:18:26 PM
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1"=50'

MATCH LINE STA. 128+80.00

MATCH LINE STA. 135+80.00

PIERCE ST

BUCHANAN ST

SR 5/US-1/S FEDERAL HWY

℄ SURVEY SR-5

130

135

176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 243 244 245

R/W LINE

TECO 6" STEEL

WINDSTREAM

CITY OF HOLLYWOOD PUBLIC UTILITIES W&S GRAVITY MAIN

EXIST 6" STEEL

EXISTING 1-2" HDPE CONDUIT

CROWN CASTLE FIBER 1.5" HDPE CONDUITS

ATT DUCT 12 MTD

EXISTING 2-2" HDPE CONDUIT

CROWN CASTLE FIBER 1.5" HDPE CONDUITS

CITY OF HOLLYWOOD PUBLIC UTILITIES W&S PRESSURIZED MAIN

FPL OE 13KV

CITY OF HOLLYWOOD PUBLIC UTILITIES W&S GRAVITY MAIN

EXIST 2" STEEL PRESSURIZED MAIN

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

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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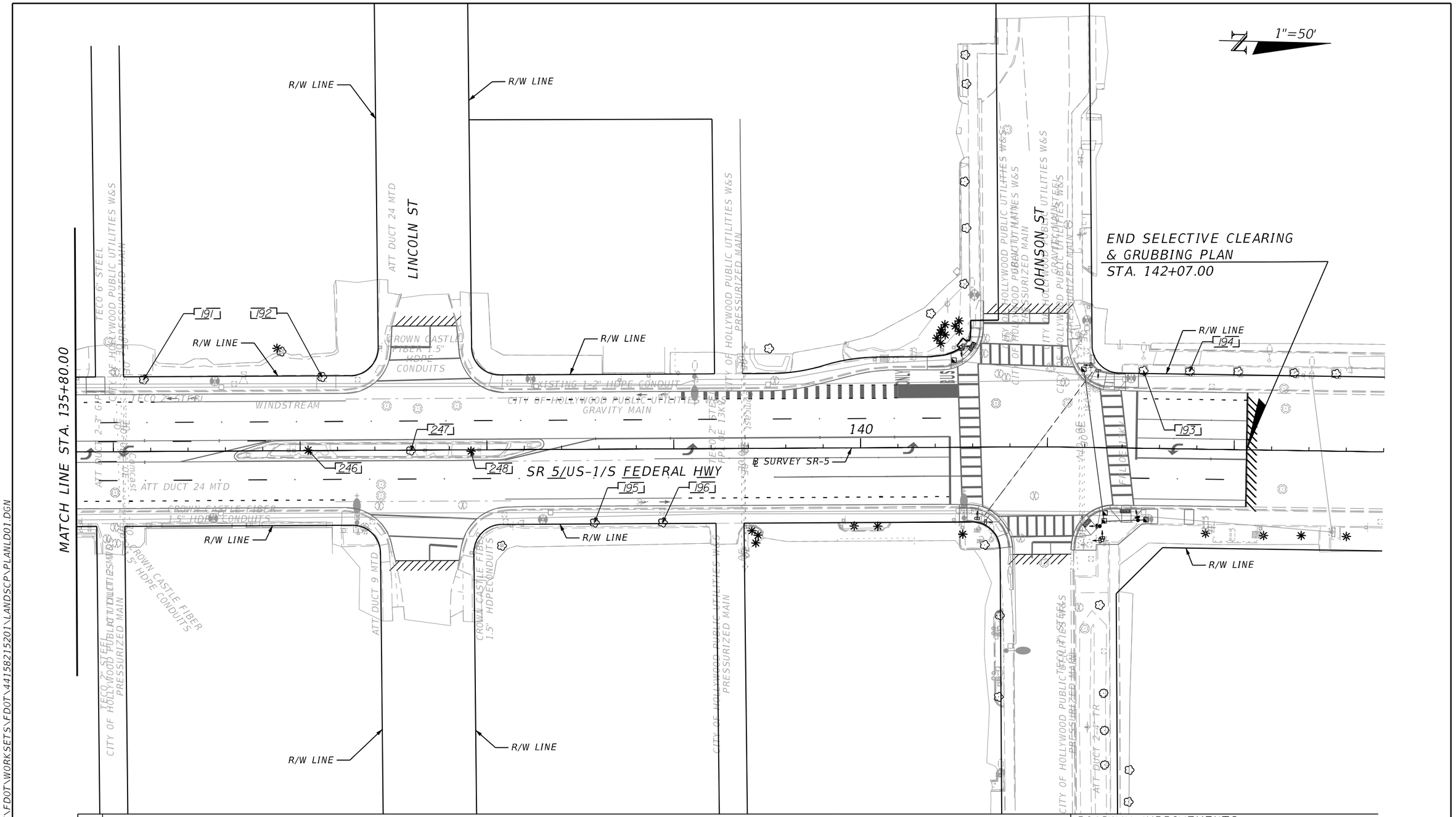

LEGEND

- 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			
29	100	QV	QUERCUS VIRGINIANA	LIVE OAK	24	30	36	61+71.68	35.69/RT	GOOD	REMAIN	
29	101	QV	QUERCUS VIRGINIANA	LIVE OAK	18	30	44	62+70.34	37.42/RT	GOOD	REMAIN	
30	102	BB	BUCIDA BUCERAS	BLACK OLIVE	18	30	54	64+55.94	45.40/LT	GOOD	REMAIN	
30	103	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	29	65+46.60	44.72/LT	GOOD	REMAIN	
30	104	BB	BUCIDA BUCERAS	BLACK OLIVE	14	30	32	65+92.09	44.87/LT	GOOD	REMAIN	
30	105	BB	BUCIDA BUCERAS	BLACK OLIVE	20	35	48	66+35.08	45.51/LT	GOOD	REMAIN	
30	106	QV	QUERCUS VIRGINIANA	LIVE OAK	18	30	34	67+86.90	43.55/LT	GOOD	REMAIN	
30	107	QV	QUERCUS VIRGINIANA	LIVE OAK	26	30	32	68+27.29	43.40/LT	GOOD	REMAIN	
30	108	QV	QUERCUS VIRGINIANA	LIVE OAK	26	30	33	68+77.49	43.18/LT	GOOD	REMAIN	
30	109	QV	QUERCUS VIRGINIANA	LIVE OAK	24	30	36	69+27.30	43.26/LT	GOOD	REMAIN	
30	110	QV	QUERCUS VIRGINIANA	LIVE OAK	12	25	30	71+14.89	42.73/LT	GOOD	REMAIN	
31	111	QV	QUERCUS VIRGINIANA	LIVE OAK	12	30	33	71+58.13	43.18/LT	GOOD	REMAIN	
31	112	QV	QUERCUS VIRGINIANA	LIVE OAK	15	35	32	72+04.14	42.61/lt	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
31	113	QV	QUERCUS VIRGINIANA	LIVE OAK	8	25	21	74+47.93	43.50/LT	GOOD	REMAIN	
31	114	QV	QUERCUS VIRGINIANA	LIVE OAK	36	35	40	74+80.18	43.36/LT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
31	115	QV	QUERCUS VIRGINIANA	LIVE OAK	28	35	48	75+10.03	42.77/LT	GOOD	REMAIN	
31	116	QV	QUERCUS VIRGINIANA	LIVE OAK	18	35	40	75+82.48	42.32/LT	GOOD	REMAIN	
31	117	QV	QUERCUS VIRGINIANA	LIVE OAK	13	30	31	76+11.89	42.15/LT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
31	118	QV	QUERCUS VIRGINIANA	LIVE OAK	6	25	15	76+48.90	41.72/LT	GOOD	REMAIN	
31	119	BB	BUCIDA BUCERAS	BLACK OLIVE	5	10	10	74+24.46	36.05/RT	GOOD	REMAIN	
31	120	WB	WODYETIA BIFURCATA	FOXTAIL PALM	8	10 CT	9	74+60.04	35.96/RT	FAIR	REMAIN	
31	121	WB	WODYETIA BIFURCATA	FOXTAIL PALM	8	10 CT	9	74+75.38	35.43/RT	GOOD	REMAIN	
31	122	BB	BUCIDA BUCERAS	BLACK OLIVE	4	10	10	75+17.57	36.33/RT	GOOD	REMAIN	
31	123	WB	WODYETIA BIFURCATA	FOXTAIL PALM	8	10 CT	9	75+60.07	35.56/RT	GOOD	REMAIN	
31	124	WB	WODYETIA BIFURCATA	FOXTAIL PALM	7	18 CT	13	75+82.67	35.62/RT	GOOD	REMAIN	
31	125	WB	WODYETIA BIFURCATA	FOXTAIL PALM	8	10 CT	9	76+46.07	35.70/RT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
31	126	QV	QUERCUS VIRGINIANA	LIVE OAK	24	45	54	77+92.09	36.62/RT	GOOD	REMAIN	
32	127	BB	BUCIDA BUCERAS	BLACK OLIVE	18	40	40	81+82.92	40.50/LT	GOOD	REMAIN	
32	128	QV	QUERCUS VIRGINIANA	LIVE OAK	24	30	40	84+46.22	39.49/LT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
32	129	QV	QUERCUS VIRGINIANA	LIVE OAK	18	30	40	84+86.65	39.91/LT	GOOD	REMAIN	
32	130	QV	QUERCUS VIRGINIANA	LIVE OAK	18	35	44	78+60.02	37.04/RT	GOOD	REMAIN	
32	131	PE	PTYCHOSPERMA ELEGANS	SOLITAIRE PALM		18 CT	8	82+32.22	36.96/RT	GOOD	REMAIN	METAL 'OBLIO' GRATE –TO 20 INCHES OPENING
32	132	PE	PTYCHOSPERMA ELEGANS	SOLITAIRE PALM		18 CT	8	82+50.82	36.93/RT	GOOD	REMAIN	METAL 'OBLIO' GRATE
32	133	PE	PTYCHOSPERMA ELEGANS	SOLITAIRE PALM		18 CT	8	83+06.63	36.48/RT	GOOD	REMAIN	METAL 'OBLIO' GRATE – 20 INCHES OPENING
32	134	PE	PTYCHOSPERMA ELEGANS	SOLITAIRE PALM		18 CT	8	83+25.00	37.79/RT	GOOD	REMAIN	
33	135	BB	BUCIDA BUCERAS	BLACK OLIVE	18	35	55	87+66.35	39.04/LT	GOOD	REMAIN	
33	136	QV	QUERCUS VIRGINIANA	LIVE OAK	21	30	38	89+03.37	39.24/LT	GOOD	REMAIN	
33	137	BB	BUCIDA BUCERAS	BLACK OLIVE	18	35	45	89+27.48	38.76/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.
40

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

12/16/2021 1:18:30 PM CherylCallender
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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			
33	138	QV	QUERCUS VIRGINIANA	LIVE OAK	20	30	48	89+77.00	39.17/LT	GOOD	REMAIN	
33	139	QV	QUERCUS VIRGINIANA	LIVE OAK	13	30	33	86+58.12	39.98/RT	GOOD	REMAIN	
33	140	QV	QUERCUS VIRGINIANA	LIVE OAK	15	25	31	88+52.94	38.83/RT	GOOD	REMAIN	
33	141	QV	QUERCUS VIRGINIANA	LIVE OAK	12	25	28	89+8.79	38.43/RT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
33	142	QV	QUERCUS VIRGINIANA	LIVE OAK	24	45	60	89+54.45	40.07/RT	GOOD	REMAIN	
33	143	QV	QUERCUS VIRGINIANA	LIVE OAK	24	30	50	91+05.16	37.98/RT	GOOD	REMAIN	
34	144	QV	QUERCUS VIRGINIANA	LIVE OAK	20	30	50	94+28.66	40.05/LT	GOOD	REMAIN	
34	145	BB	BUCIDA BUCERAS	BLACK OLIVE	15	35	35	94+78.70	38.99/LT	GOOD	REMAIN	
34	146	BB	BUCIDA BUCERAS	BLACK OLIVE	22	35	50	95+20.69	39.35/LT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
34	147	BB	BUCIDA BUCERAS	BLACK OLIVE	24	40	60	97+64.92	40.38/LT	GOOD	REMAIN	
34	148	QV	QUERCUS VIRGINIANA	LIVE OAK	13	30	28	92+91.99	38.96/RT	GOOD	REMAIN	
34	149	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	30	93+20.84	38.95/RT	GOOD	REMAIN	
34	150	QV	QUERCUS VIRGINIANA	LIVE OAK	28	35	44	94+31.15	39.59/RT	GOOD	REMAIN	
34	151	QV	QUERCUS VIRGINIANA	LIVE OAK	21	35	54	94+74.18	39.36/RT	GOOD	REMAIN	
34	152	QV	QUERCUS VIRGINIANA	LIVE OAK	12	30	30	95+64.82	39.63/RT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
34	153	QV	QUERCUS VIRGINIANA	LIVE OAK	18	35	45	95+95.10	38.91/RT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
34	154	BB	BUCIDA BUCERAS	BLACK OLIVE	22	40	67	96+54.93	39.66/RT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
34	155	QV	QUERCUS VIRGINIANA	LIVE OAK	20	40	46	97+73.68	39.44/RT	GOOD	REMAIN	
34	156	QV	QUERCUS VIRGINIANA	LIVE OAK	20	40	42	98+05.46	39.04/RT	GOOD	REMAIN	
34	157	BB	BUCIDA BUCERAS	BLACK OLIVE	24	40	60	99+24.18	39.67/RT	GOOD	REMAIN	
35	158	QV	QUERCUS VIRGINIANA	LIVE OAK	11	20	30	105+27.16	39.36/LT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
35	159	QV	QUERCUS VIRGINIANA	LIVE OAK	22	40	26	99+54.56	39.64/RT	GOOD	REMAIN	
35	160	QV	QUERCUS VIRGINIANA	LIVE OAK	22	40	42	99+87.54	39.68/RT	GOOD	REMAIN	
36	161	QV	QUERCUS VIRGINIANA	LIVE OAK	16	35	42	106+68.35	39.32/RT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
37	162	QV	QUERCUS VIRGINIANA	LIVE OAK	15	40	36	121+39.23	38.90/LT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
37	163	QV	QUERCUS VIRGINIANA	LIVE OAK	28	40	34	121+75.02	38.20/LT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
37	164	QV	QUERCUS VIRGINIANA	LIVE OAK	12	35	34	121+42.57	37.82/RT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
37	165	QV	QUERCUS VIRGINIANA	LIVE OAK	9	30	24	121+78.80	38.20/RT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
38	166	QV	QUERCUS VIRGINIANA	LIVE OAK	8	35	25	122+05.66	38.93/LT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
38	167	QV	QUERCUS VIRGINIANA	LIVE OAK	15	35	30	122+31.11	38.93/LT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
38	168	QV	QUERCUS VIRGINIANA	LIVE OAK	24	35	48	126+16.95	38.13/LT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
38	169	QV	QUERCUS VIRGINIANA	LIVE OAK	24	35	30	126+41.96	38.41/LT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
38	170	QV	QUERCUS VIRGINIANA	LIVE OAK	16	35	31	126+74.72	37.99/LT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
38	171	QV	QUERCUS VIRGINIANA	LIVE OAK	24	35	38	127+03.74	38.61/LT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
38	172	QV	QUERCUS VIRGINIANA	LIVE OAK	17	40	45	128+9.00	38.45/LT	GOOD	REMAIN	
38	173	QV	QUERCUS VIRGINIANA	LIVE OAK	14	30	20	128+37.71	39.02/LT	GOOD	REMAIN	
38	174	QV	QUERCUS VIRGINIANA	LIVE OAK	24	40	45	128+66.21	38.28/LT	GOOD	REMAIN	
38	175	QV	QUERCUS VIRGINIANA	LIVE OAK	13	30	32	122+14.58	38.28/RT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY

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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			
39	176	QV	QUERCUS VIRGINIANA	LIVE OAK	21	15	22	129+2.49	38.56/LT	GOOD	REMAIN	
39	177	QV	QUERCUS VIRGINIANA	LIVE OAK	13	25	32	129+45.75	38.71/LT	GOOD	REMAIN	
39	178	QV	QUERCUS VIRGINIANA	LIVE OAK	14	30	28	131+58.56	38.66/LT	GOOD	REMAIN	
39	179	QV	QUERCUS VIRGINIANA	LIVE OAK	21	35	51	131+84.3	38.45/LT	GOOD	REMAIN	
39	180	QV	QUERCUS VIRGINIANA	LIVE OAK	24	35	38	132+81.54	38.86/LT	GOOD	REMAIN	
39	181	QV	QUERCUS VIRGINIANA	LIVE OAK	16	30	35	133+08.48	37.98/LT	GOOD	REMAIN	
39	182	QV	QUERCUS VIRGINIANA	LIVE OAK	14	30	30	131+59.72	37.83/RT	GOOD	REMAIN	
39	183	QV	QUERCUS VIRGINIANA	LIVE OAK	14	35	30	131+93.36	37.92/RT	GOOD	REMAIN	METAL 'OBLIO' GRATE - 20 INCHES OPENING
39	184	QV	QUERCUS VIRGINIANA	LIVE OAK	15	35	25	132+24.64	37.92/RT	GOOD	REMAIN	
39	185	QV	QUERCUS VIRGINIANA	LIVE OAK	13	20	18	132+76.87	37.69/RT	GOOD	REMAIN	
39	186	QV	QUERCUS VIRGINIANA	LIVE OAK	10	20	14	132+95.31	37.92/RT	GOOD	REMAIN	METAL 'OBLIO' GRATE - 20 INCHES OPENING
39	187	QV	QUERCUS VIRGINIANA	LIVE OAK	14	25	24	133+17.05	37.76/RT	GOOD	REMAIN	
39	188	QV	QUERCUS VIRGINIANA	LIVE OAK	14	20	24	133+34.15	37.84/RT	GOOD	REMAIN	METAL 'OBLIO' GRATE - 20 INCHES OPENING
39	189	QV	QUERCUS VIRGINIANA	LIVE OAK	10	20	24	133+65.59	38.15/RT	GOOD	REMAIN	METAL 'OBLIO' GRATE - 20 INCHES OPENING
39	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)
40	191	QV	QUERCUS VIRGINIANA	LIVE OAK	14	25	32	136+16.59	38.28/LT	GOOD	REMAIN	
40	192	QV	QUERCUS VIRGINIANA	LIVE OAK	14	25	24	137+12.10	39.03/LT	GOOD	REMAIN	
40	193	TH	TABEBUIA HETEROPHYLLA	PINK TRUMPET TREE	4	12	10	14+50.80	41.48/LT	GOOD	REMAIN	TREE OUTSIDE THE R/W
40	194	TH	TABEBUIA HETEROPHYLLA	PINK TRUMPET TREE	4	20	12	141+75.33	41.98/LT	GOOD	REMAIN	TREE OUTSIDE THE R/W
40	195	QV	QUERCUS VIRGINIANA	LIVE OAK	13	30	44	138+57.24	38.34/RT	GOOD	REMAIN	
40	196	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	30	138+93.97	38.92/RT	GOOD	REMAIN	
29	197	PC	PHOENIX CANARIENSIS	CANARY ISLAND DATE PALM	9	35		61+45.33	4.70/LT	GOOD	REMAIN	
29	198	QV	QUERCUS VIRGINIANA	LIVE OAK	9	20	21	61+82.28	5.00/LT	GOOD	REMAIN	
29	199	QV	QUERCUS VIRGINIANA	LIVE OAK	6	20	13	62+12.74	5.25/LT	GOOD	REMAIN	
29	200	QV	QUERCUS VIRGINIANA	LIVE OAK	11	30	34	62+39.92	6.30/LT	GOOD	REMAIN	
29	201	QV	QUERCUS VIRGINIANA	LIVE OAK	11	30	29	62+69.05	8.17/LT	GOOD	REMAIN	
29	202	QV	QUERCUS VIRGINIANA	LIVE OAK	13	30	34	63+01.37	7.06/LT	GOOD	REMAIN	
29	203	PD	PHOENIX DACTYLIFERA 'MEDJOOL'	MEDJOOL DATE PALM	9	28 CT		63+36.96	7.47/LT	GOOD	REMAIN	
29	204	PC	PHOENIX CANARIENSIS	CANARY ISLAND DATE PALM	9	15 CT		63+63.55	6.96/LT	GOOD	REMAIN	
29	205							63+91.15	6.48/LT			STUMP - TOP MISSING
30	206	QV	QUERCUS VIRGINIANA	LIVE OAK	13	30	26	67+23.78	4.88/LT	GOOD	REMAIN	
30	207	QV	QUERCUS VIRGINIANA	LIVE OAK	11	25	20	67+41.68	5.11/LT	GOOD	REMAIN	
31	208	QV	QUERCUS VIRGINIANA	LIVE OAK	7	20	20	73+18.97	3.29/LT	GOOD	REMAIN	
31	209	QV	QUERCUS VIRGINIANA	LIVE OAK	7	20	20	73+51.78	2.38/LT	GOOD	REMAIN	
31	210	QV	QUERCUS VIRGINIANA	LIVE OAK	7	14	18	73+78.35	3.54/LT	GOOD	REMAIN	
31	211	BN	BISMARCKIA NOBILIS	BISMARCK PALM	12	20 CT		76+63.28	2.21/LT	GOOD	REMAIN	
31	212	LJ	LIGUSTRUM JAPONICUM	JAPANESE PRIVET		12	15	76+76.62	2.03/LT	GOOD	REMAIN	MULTITRUNK
31	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.

12/16/2021 1:18:31 PM Cheryl.Callender
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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			
31	214	LJ	LIGUSTRUM JAPONICUM	JAPANESE PRIVET		10	15	77+2.59	2.53/LT	GOOD	REMAIN	MULTITRUNK
31	215	BN	BISMARCKIA NOBILIS	BISMARCK PALM	12	20 CT		77+14.22	2.29/LT	GOOD	REMAIN	
31	216	BN	BISMARCKIA NOBILIS	BISMARCK PALM	12	18 CT		77+41.44	2.14/LT	GOOD	REMAIN	
31	217	LJ	LIGUSTRUM JAPONICUM	JAPANESE PRIVET		10	15	77+53.56	2.41/LT	GOOD	REMAIN	
31	218	BN	BISMARCKIA NOBILIS	BISMARCK PALM	12	20 CT		77+68.15	2.05/LT	GOOD	REMAIN	
31	219	QV	QUERCUS VIRGINIANA	LIVE OAK	10	20	25	77+46.45	2.04/LT	GOOD	REMAIN	
31	220	QV	QUERCUS VIRGINIANA	LIVE OAK	8	25	20	78+20.51	1.93/LT	GOOD	REMAIN	
32	221	QV	QUERCUS VIRGINIANA	LIVE OAK	8	25	20	78+42.60	1.74/LT	GOOD	REMAIN	
32	222	QV	QUERCUS VIRGINIANA	LIVE OAK	12	15	30	78+87.28	1.47/LT	GOOD	REMAIN	
32	223	QV	QUERCUS VIRGINIANA	LIVE OAK	6	20	15	79+8.52	1.02/LT	GOOD	REMAIN	
32	224	QV	QUERCUS VIRGINIANA	LIVE OAK	8	25	15	79+30.68	0.94/LT	GOOD	REMAIN	
32	225	QV	QUERCUS VIRGINIANA	LIVE OAK	8	25	15	79+49.79	1.41/LT	GOOD	REMAIN	
32	226	PC	PHOENIX CANARIENSIS	CANARY ISLAND DATE PALM	10	20 CT		80+30.05	2.14/LT	GOOD	REMAIN	
32	227	QV	QUERCUS VIRGINIANA	LIVE OAK	10	25	32	83+34.16	1.26/LT	GOOD	REMAIN	
32	228	QV	QUERCUS VIRGINIANA	LIVE OAK	10	20	22	83+96.87	0.77/LT	GOOD	REMAIN	
33	229	QV	QUERCUS VIRGINIANA	LIVE OAK	8	20	18	90+26.36	0.13/RT	GOOD	REMAIN	
33	230	QV	QUERCUS VIRGINIANA	LIVE OAK	10	24	30	90+50.54	0.73/LT	GOOD	REMAIN	
34	231	QV	QUERCUS VIRGINIANA	LIVE OAK	10	20	20	93+74.95	0.62/LT	GOOD	REMAIN	
34	232	PD	PHOENIX DACTYLIFERA 'MEDJOOL'	MEDJOOL DATE PALM	8	35 CT		96+60.57	0.11/LT	GOOD	REMAIN	
34	233	QV	QUERCUS VIRGINIANA	LIVE OAK	10	25	25	96+86.31	1.11/LT	GOOD	REMAIN	
34	234	QV	QUERCUS VIRGINIANA	LIVE OAK	12	25	25	97+16.49	0.95/LT	GOOD	REMAIN	
34	235	QV	QUERCUS VIRGINIANA	LIVE OAK	10	30	30	97+45.74	0.01/LT	GOOD	REMAIN	
34	236	PD	PHOENIX DACTYLIFERA 'MEDJOOL'	MEDJOOL DATE PALM	10	20 CT		97+68.43	0.82/LT	GOOD	REMAIN	
35	237	PC	PHOENIX CANARIENSIS	CANARY ISLAND DATE PALM	12	18 CT		103+38.66	0.91/LT	GOOD	REMAIN	
35	238	QV	QUERCUS VIRGINIANA	LIVE OAK	8	25	20	103+60.87	0.23/LT	GOOD	REMAIN	
35	239	QV	QUERCUS VIRGINIANA	LIVE OAK	8	25	20	103+89.61	0.21/LT	GOOD	REMAIN	
35	240	QV	QUERCUS VIRGINIANA	LIVE OAK	6	14	18	104+19.65	0.96/LT	GOOD	REMAIN	
38	241	VA	VEITCHIA ARECINA	VEITCHIA PALM	4	8 CT		123+71.67	0.38/RT	GOOD	REMAIN	
38	242	VA	VEITCHIA ARECINA	VEITCHIA PALM	6	10 CT		124+54.11	0.69/RT	GOOD	REMAIN	
39	243											MISSING
39	244	VA	VEITCHIA ARECINA	VEITCHIA PALM	8	12 CT		131+31.41	0.11/RT	GOOD	REMAIN	
39	245	CG	CAESALPINIA GRANADILLO	BRIDAL VEIL	12	25	30	131+68.01	0.21/LT	GOOD	REMAIN	
40	246											MISSING
40	247	CG	CAESALPINIA GRANADILLO	BRIDAL VEIL	9	25	20	137+59.24	0.20/RT	GOOD	REMAIN	
40	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

STATE OF FLORIDA

DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

INDEX OF SIGNING AND PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2 - S-13	SIGNING AND PAVEMENT MARKING PLAN

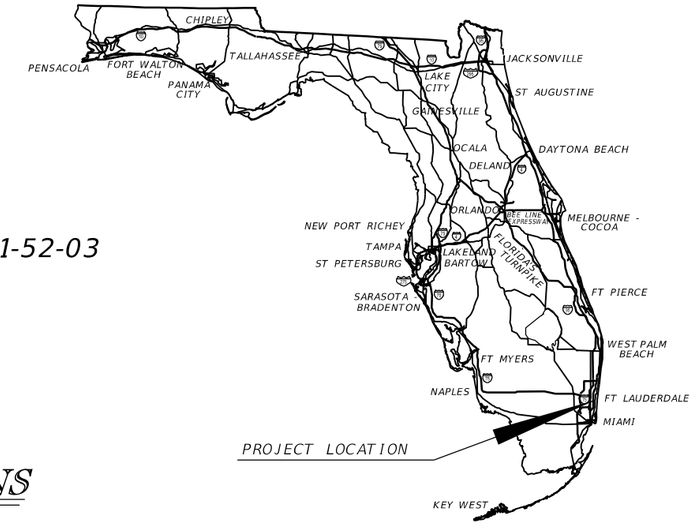
FINANCIAL PROJECT ID(s) 441582-1-52-01, 441582-1-52-02 & 441582-1-52-03

(FEDERAL FUNDS)

BROWARD COUNTY (86010)

STATE ROAD NO. SR 5 (US-1/FEDERAL HIGHWAY)
FROM SR 824/PEMBROKE RD TO JOHNSON ST

SIGNING AND PAVEMENT MARKING PLANS



FRANK PANELLAS
LICENSE
No 59448
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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ON THE DATE ADJACENT TO THE SEAL

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SIGNING AND PAVEMENT MARKING 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
CONTRACT NO.: C-9R79
VENDOR NO.: #F455418595

FDOT PROJECT MANAGER:

VANDANA NAGOLE, P.E.

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

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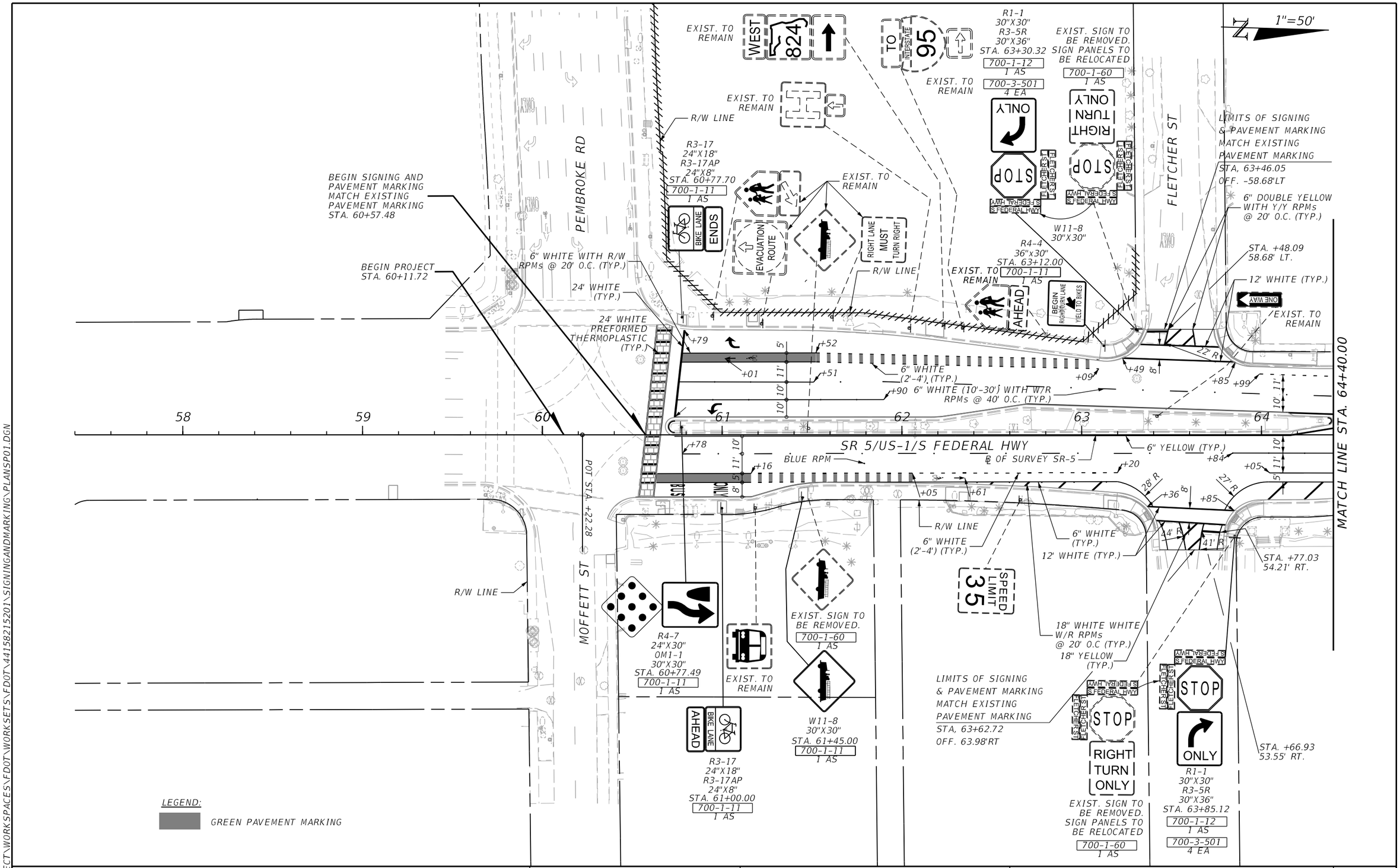

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

SIGNING AND PAVEMENT MARKING PLAN

SHEET NO.
S-2

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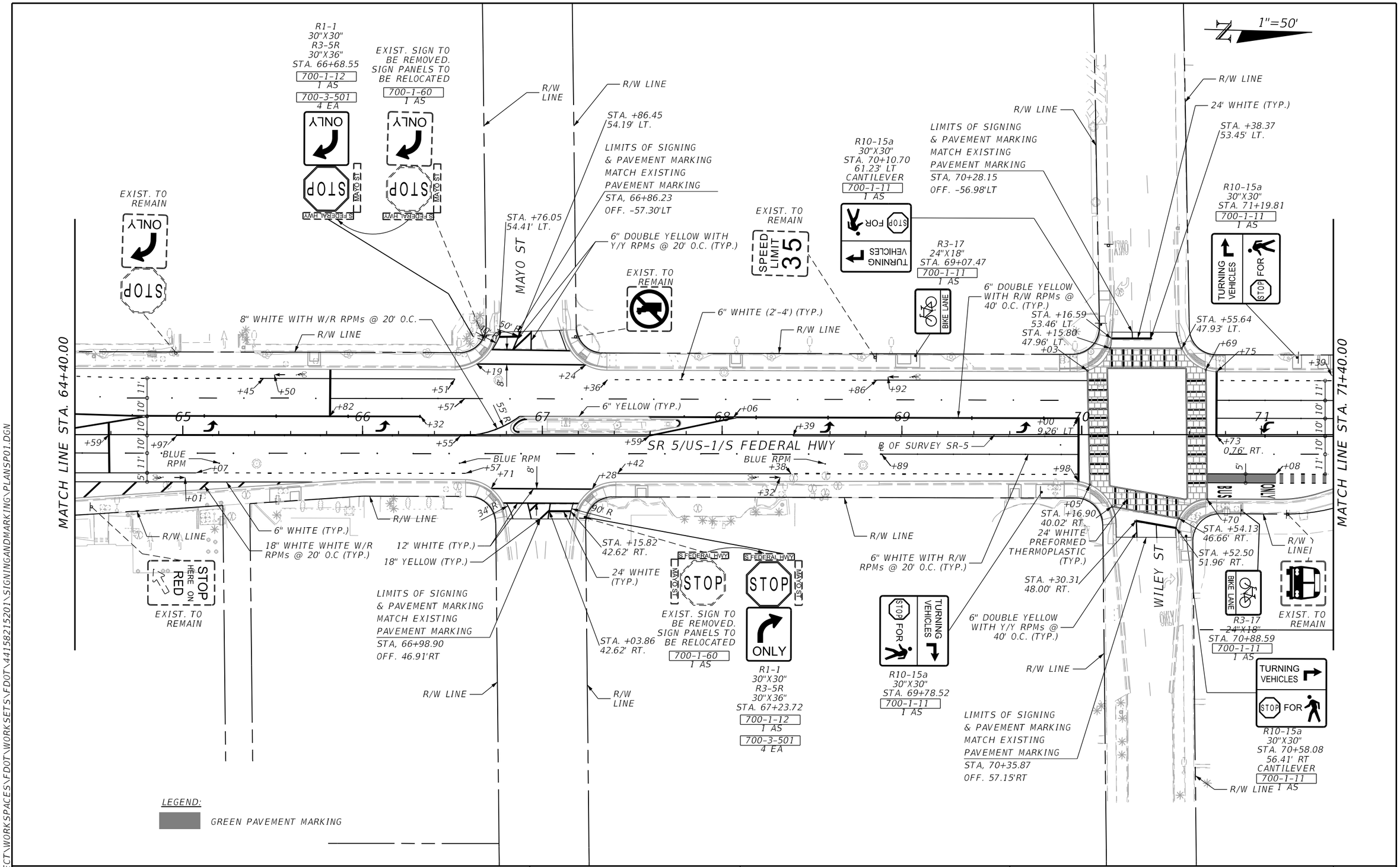

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

SIGNING AND PAVEMENT MARKING PLAN

SHEET NO.
S-3

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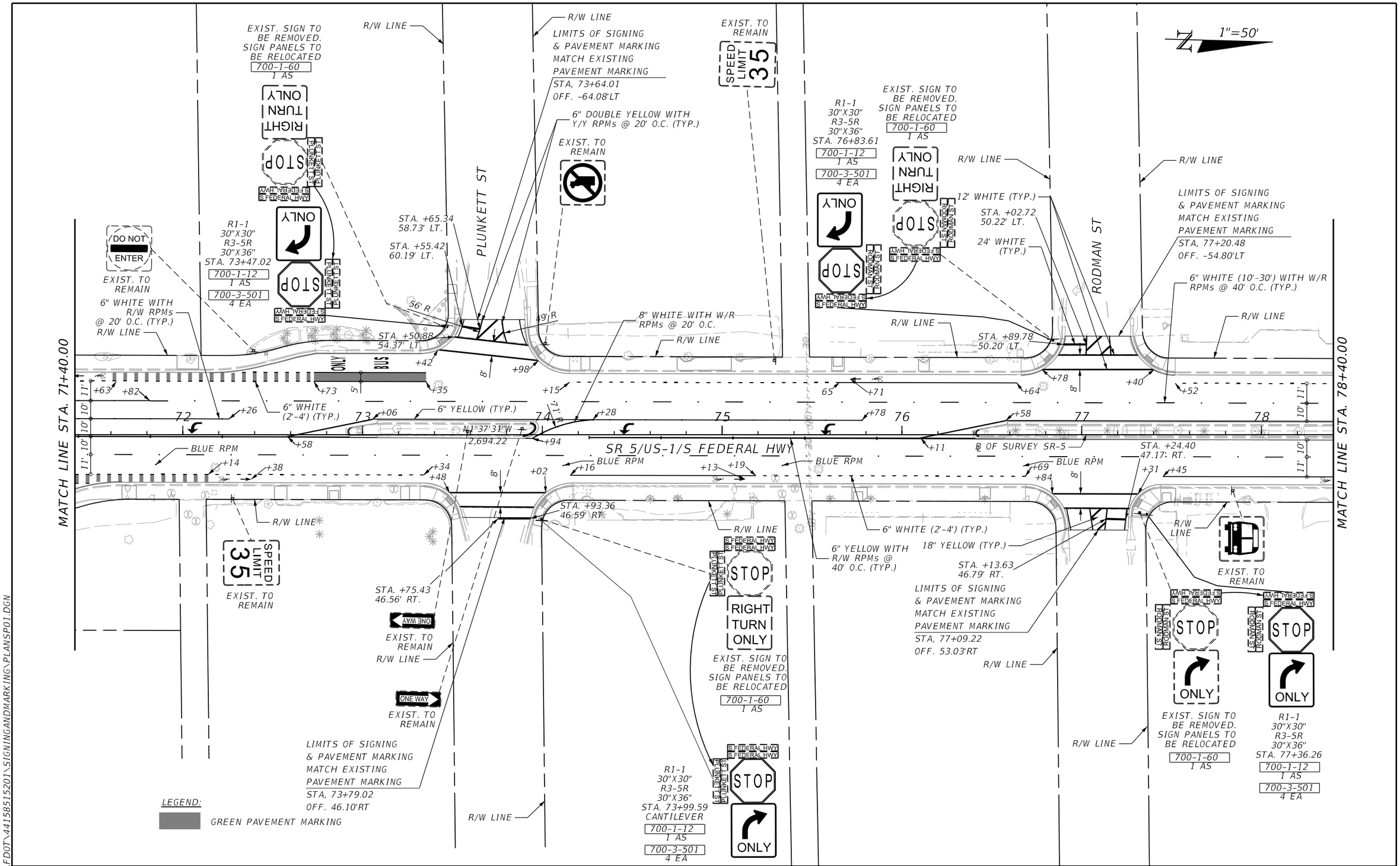

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

SIGNING AND PAVEMENT MARKING PLAN

SHEET NO.
S-4

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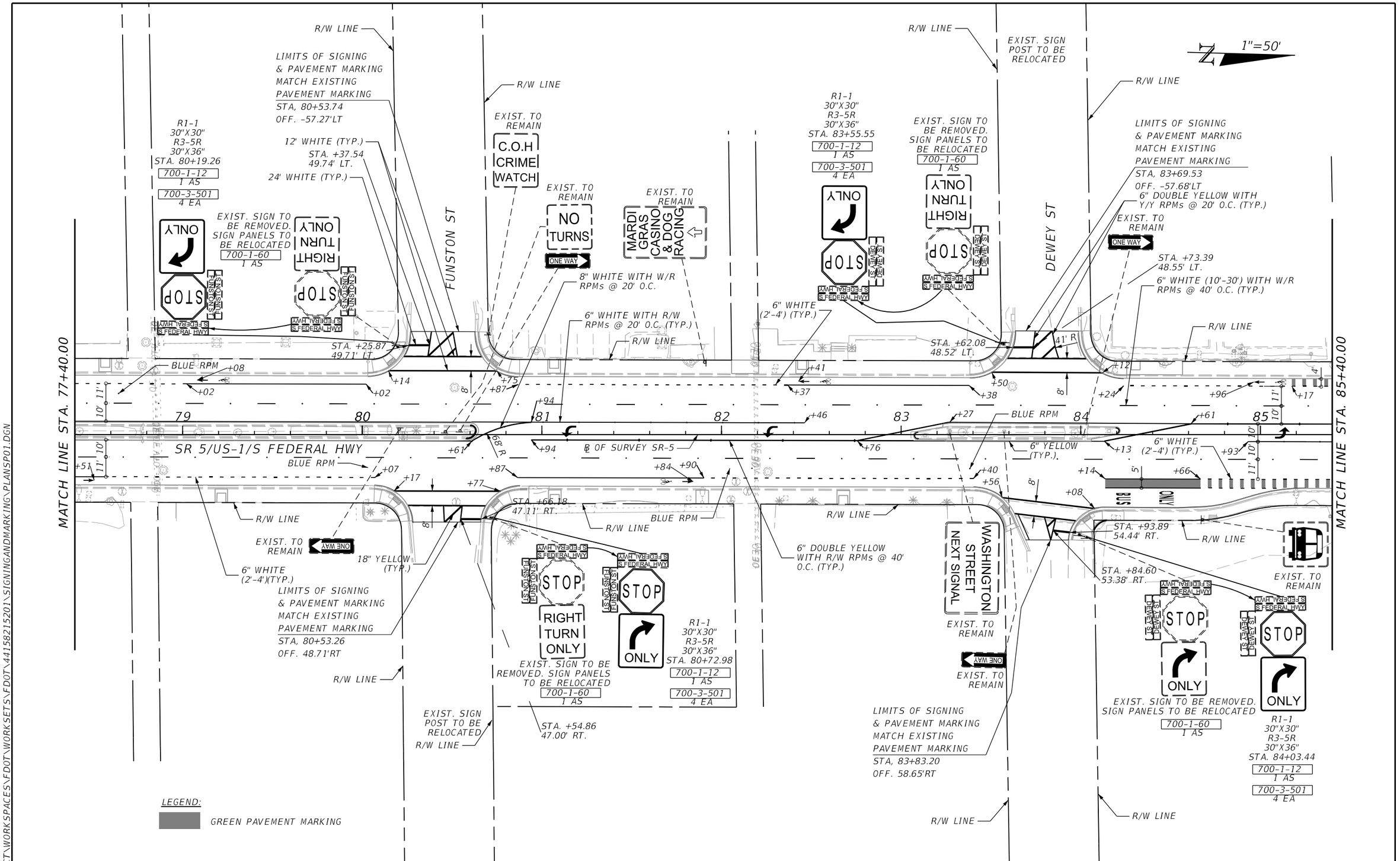

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

SIGNING AND PAVEMENT MARKING PLAN

SHEET NO.
S-5

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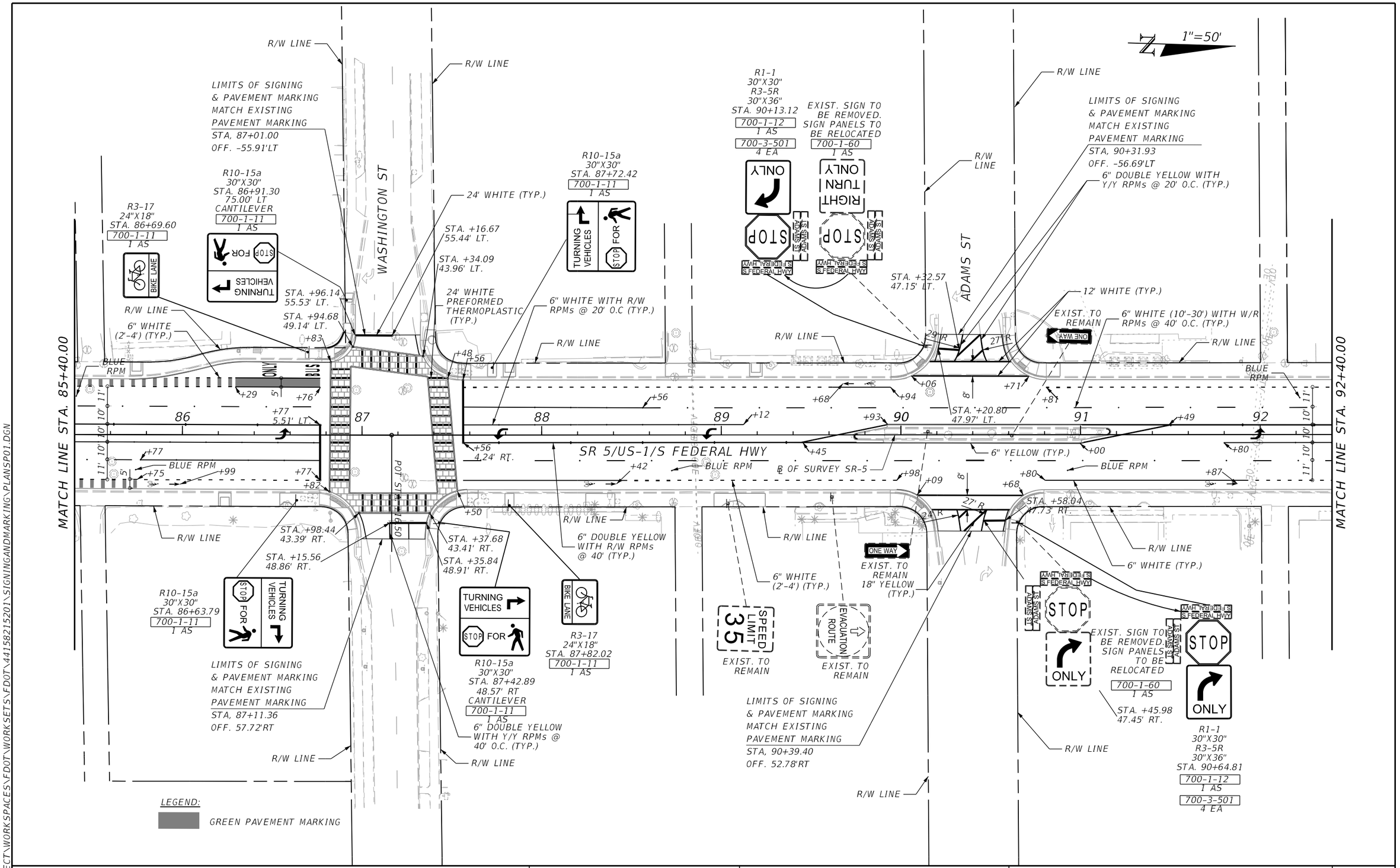

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TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

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

SIGNING AND PAVEMENT MARKING PLAN

SHEET NO.
S-6

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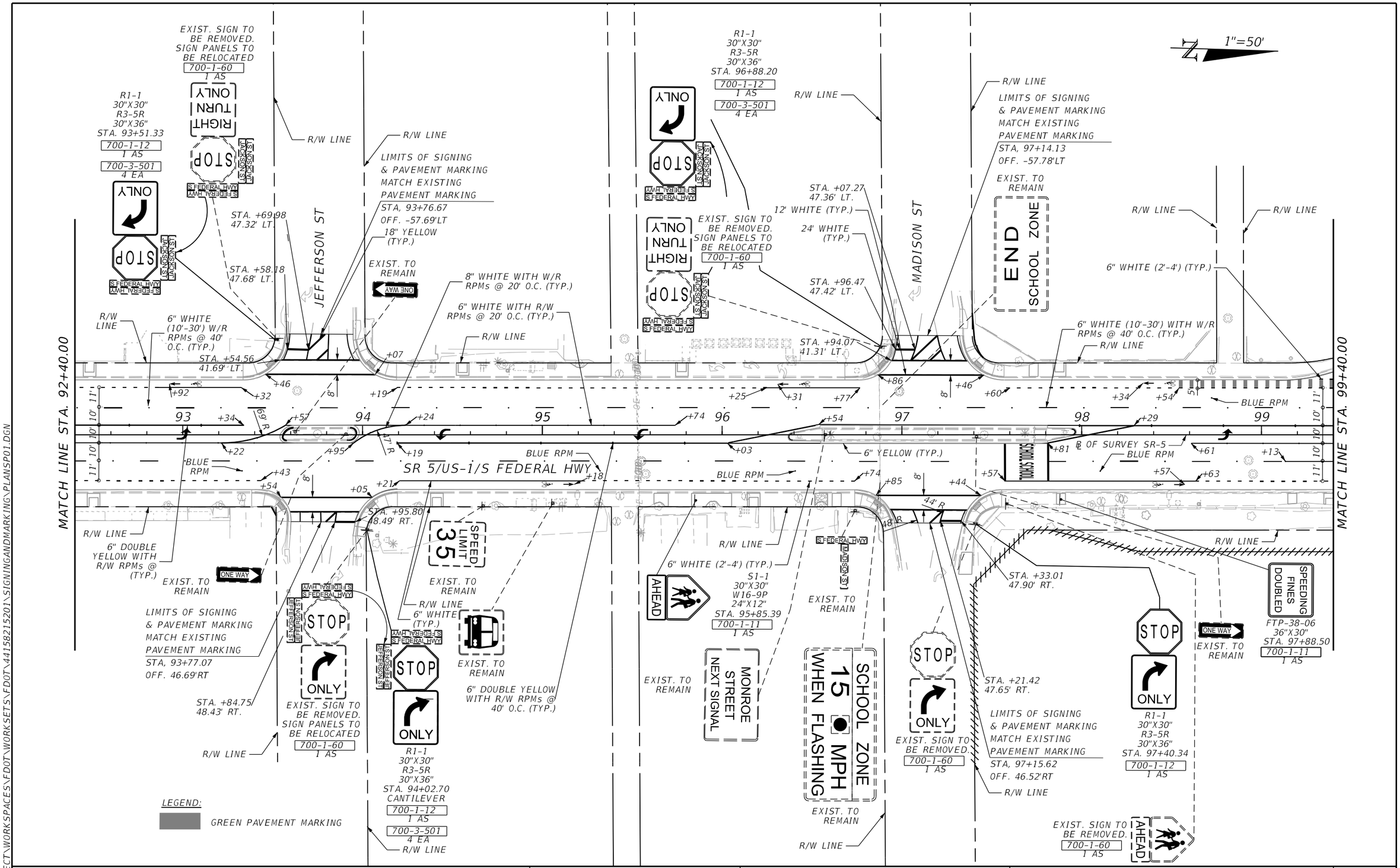

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TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

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

SIGNING AND PAVEMENT MARKING PLAN

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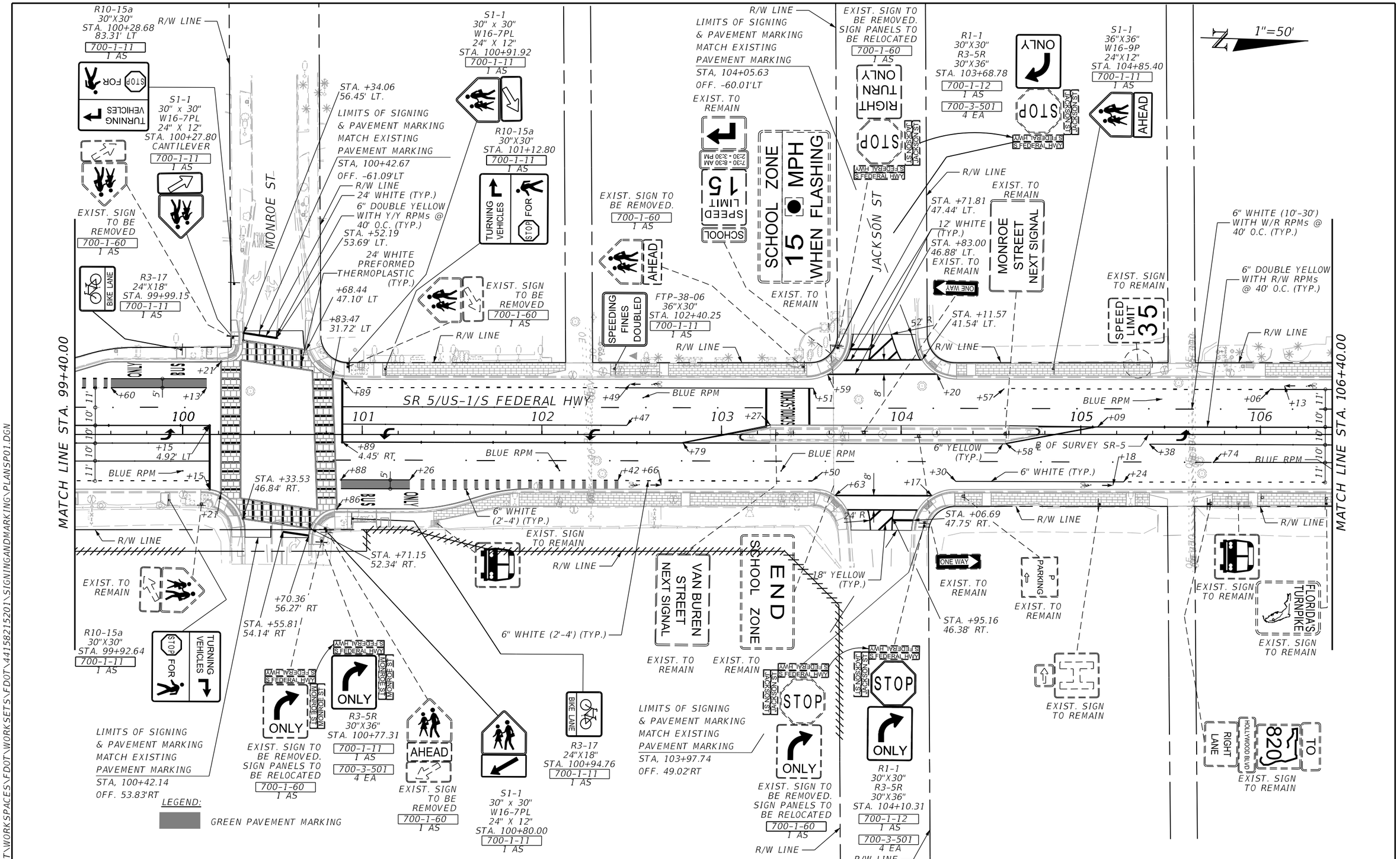

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DATE	DESCRIPTION	DATE	DESCRIPTION

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

SIGNING AND PAVEMENT MARKING PLAN

SHEET NO. S-8

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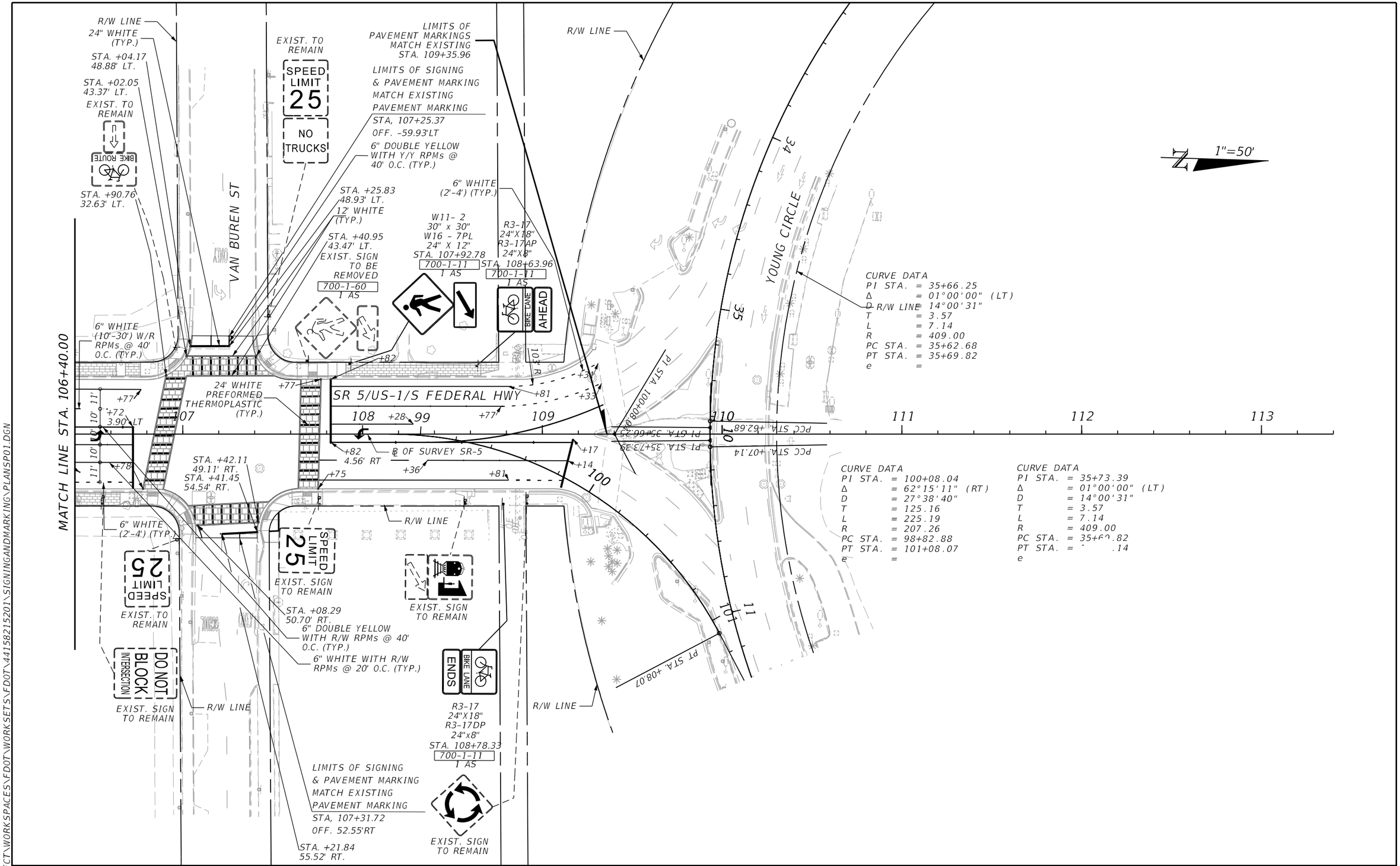

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TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

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

SIGNING AND PAVEMENT MARKING PLAN

SHEET NO.
S-9

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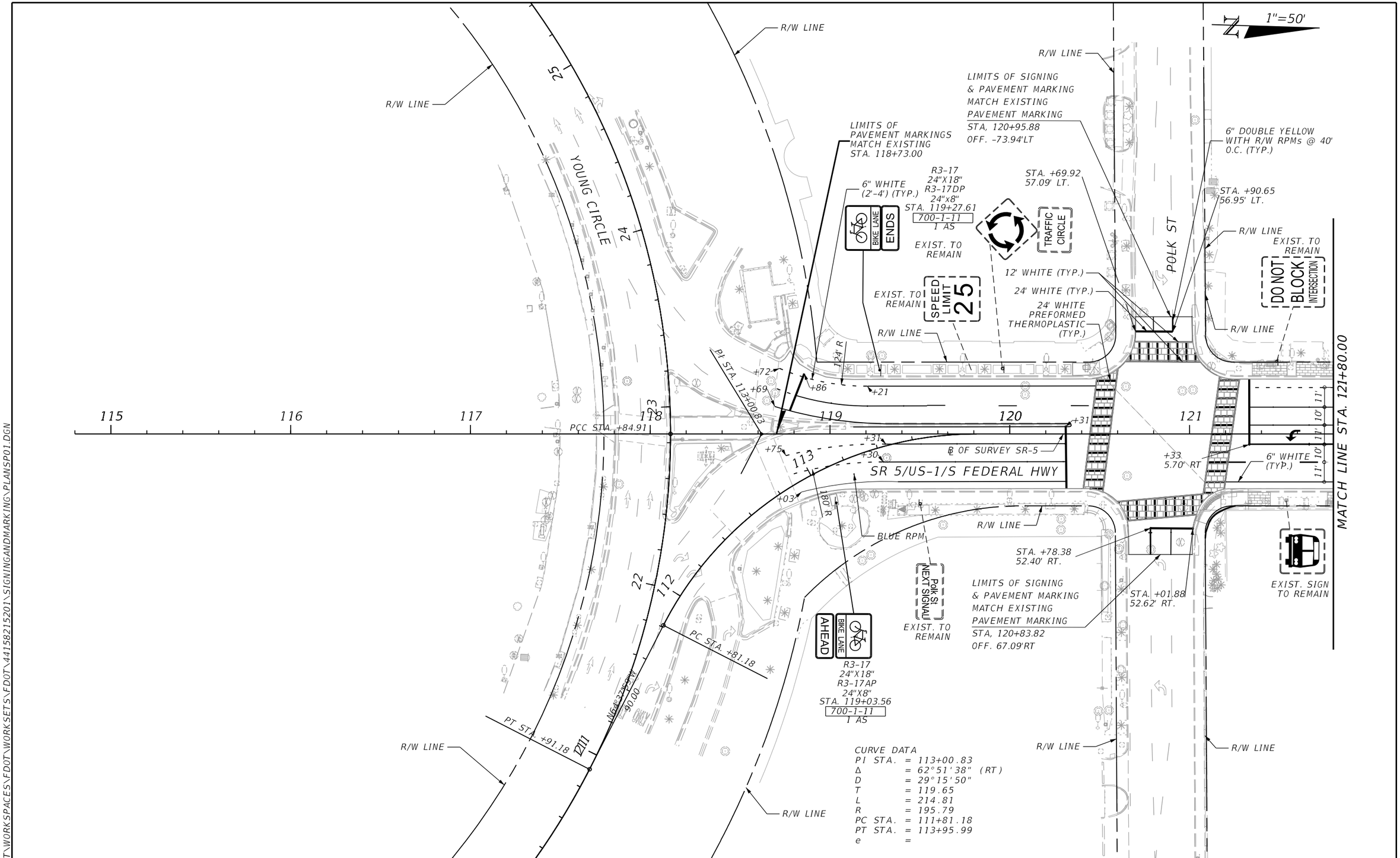

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TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

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

SIGNING AND PAVEMENT MARKING PLAN

SHEET NO.
S-10

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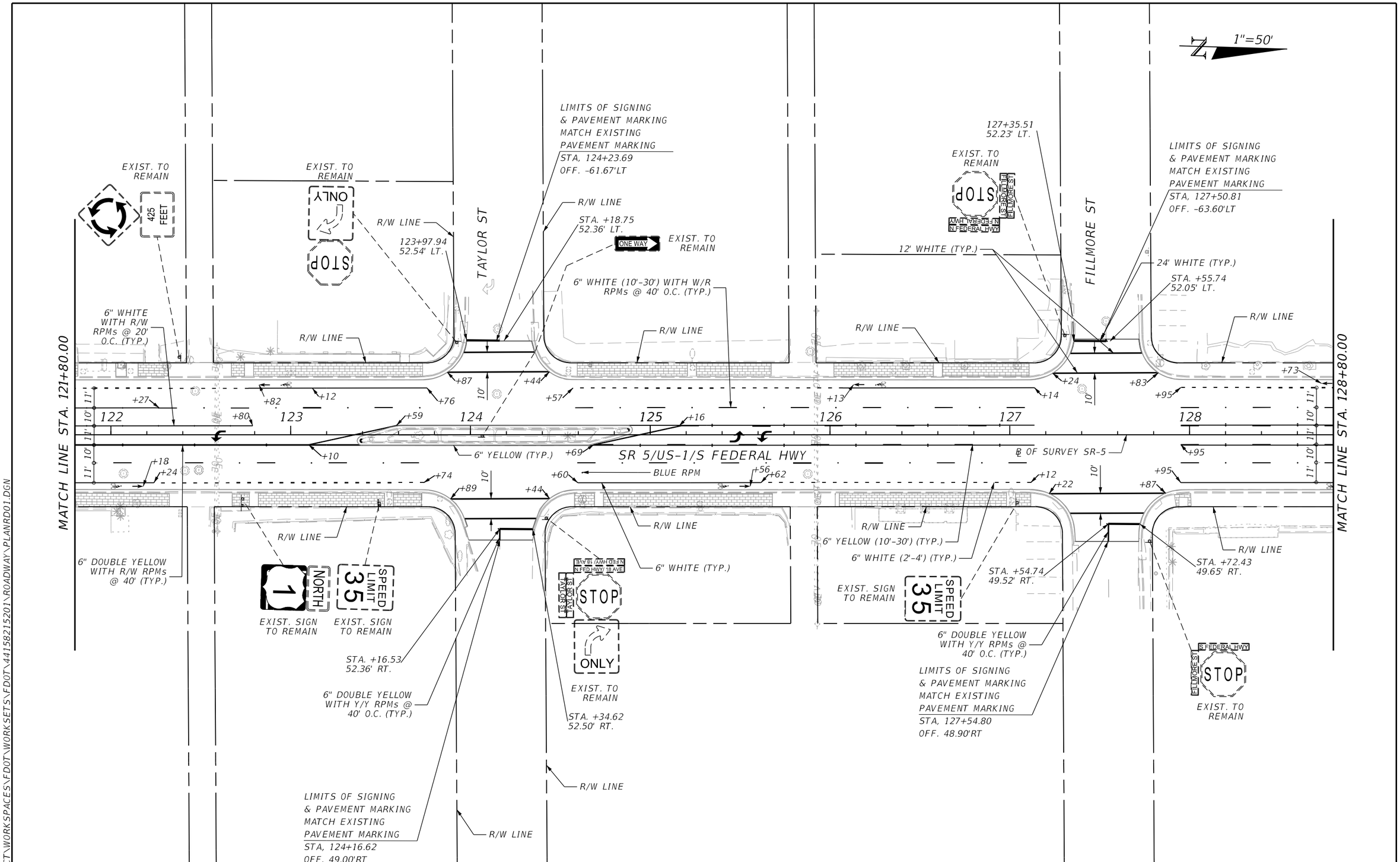

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TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

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

SIGNING AND PAVEMENT MARKING PLAN

SHEET NO.
S-11

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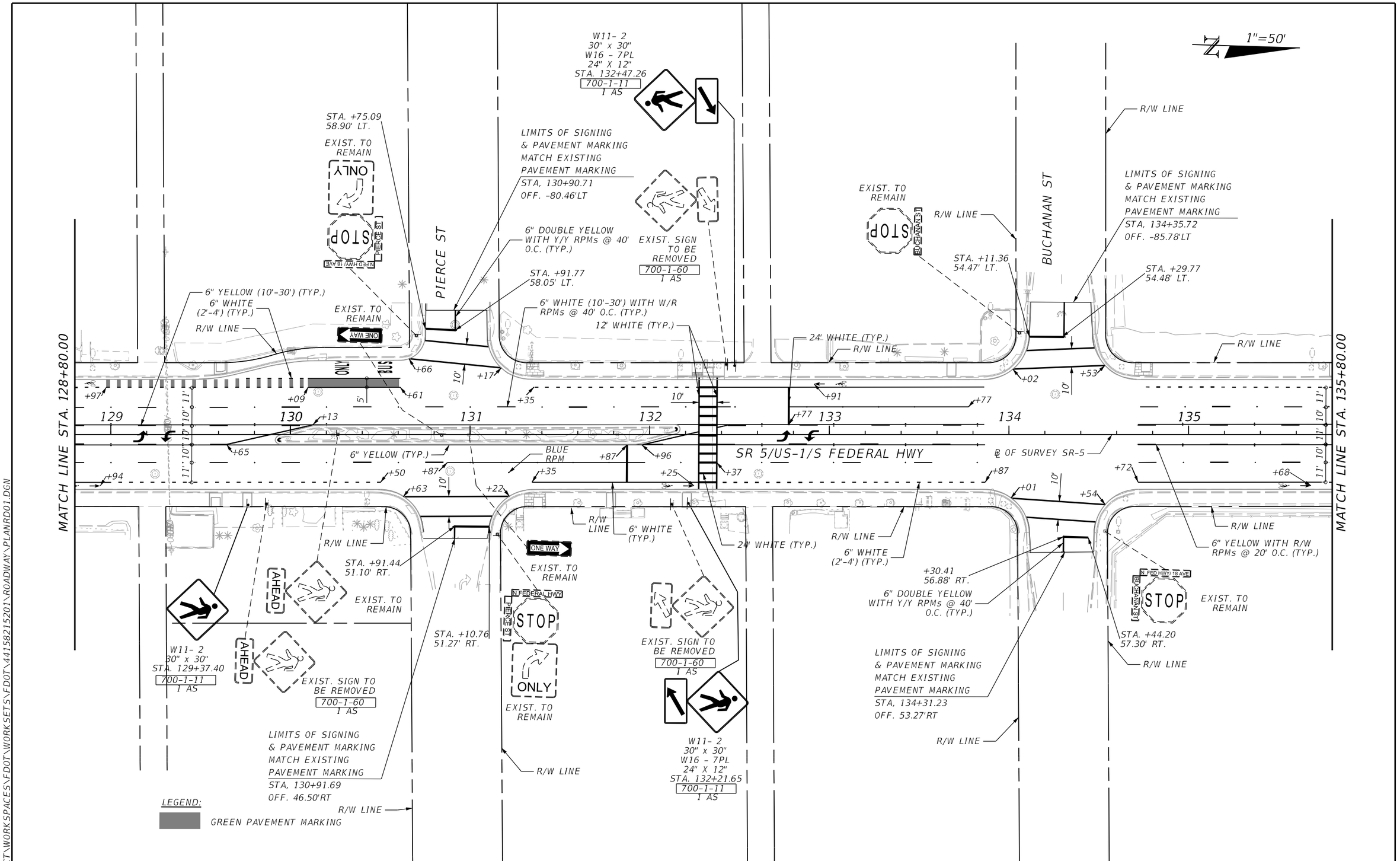

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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	441582-1-52-01

SIGNING AND PAVEMENT MARKING PLAN

SHEET NO.
S-12

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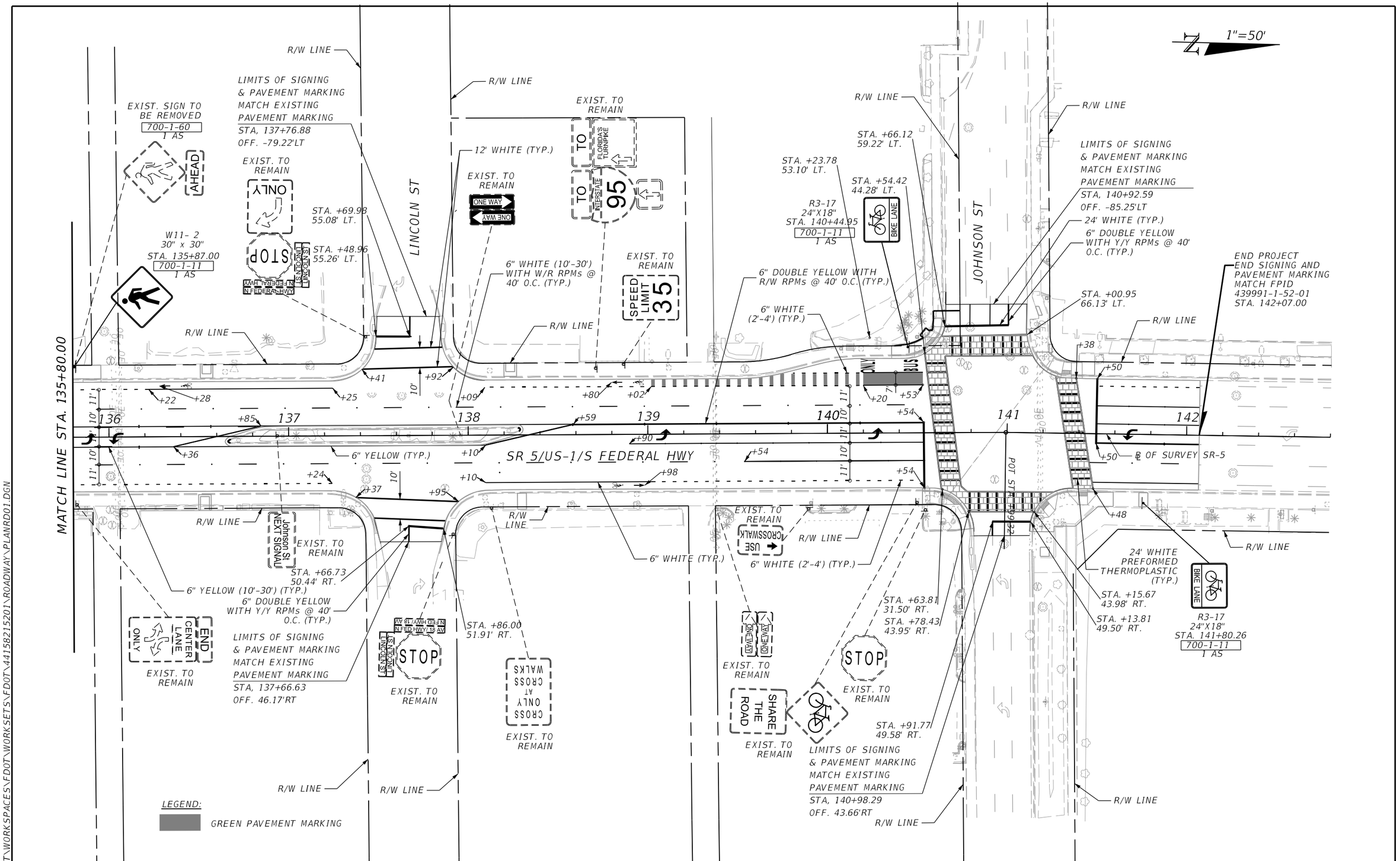

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

SIGNING AND PAVEMENT MARKING PLAN

SHEET NO.
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STATE OF FLORIDA

DEPARTMENT OF TRANSPORTATION

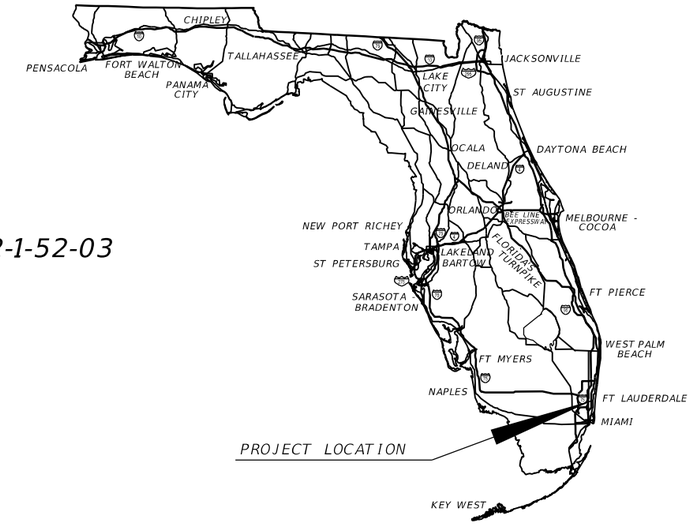
CONTRACT PLANS

FINANCIAL PROJECT ID(s) 441582-1-52-01, 441582-1-52-02 & 441582-1-52-03
(FEDERAL FUNDS)

BROWARD COUNTY (86010)

STATE ROAD NO. SR 5 (US-1/FEDERAL HIGHWAY)
FROM SR 824/PEMBROKE RD TO JOHNSON ST

SIGNALIZATION PLANS



INDEX OF SIGNALIZATION PLANS

SHEET NO.	SHEET DESCRIPTION
T-1	KEY SHEET
T-2	GENERAL NOTES
T-3 - T-9	SIGNALIZATION PLAN

FRANK PANELLAS
LICENSE
No 59448
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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SIGNALIZATION 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
CONTRACT NO.: C-9R79
VENDOR NO.: #F455418595

FDOT PROJECT MANAGER:

VANDANA NAGOLE, P.E.

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

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GENERAL NOTES

1. AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION,THE CONTRACTOR SHALL PROVIDE WRITTEN NOTICE OF COMMENCEMENT, VIA EMAIL, TO TEINSPECTION@BROWARD.ORG. NOTICE SHALL INCLUDE THE DATE OF COMMENCEMENT, LOCATION AND TYPE OF WORK & INFORMATION REGARDING ANY MALFUNCTIONING SIGNAL EQUIPMENT. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO OBTAIN AND FILL OUT THE COUNTY'S "ACCEPTANCE OF TRAFFIC SIGNAL MAINTENANCE AND TIMING BY CONTRACTOR DURING CONSTRUCTION AND BURN-IN PERIOD" FORM LETTER, AVAILABLE AT BCTED, PRIOR TO COMMENCEMENT OF ANY WORK. MAINTENANCE OF THE SIGNAL OPERATION, INCLUDING TIMING ADJUSTMENTS, WILL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THE COUNTY ISSUES WRITTEN FINAL ACCEPTANCE OF THE INTERSECTION, AT WHICH TIME MAINTENANCE RESPONSIBILITIES ARE PROPERLY TRANSFERRED TO THE COUNTY.

2. APPROVAL OF SHOP DRAWINGS DOES NOT CONSTITUTE A WARRANTY THAT THE SIGNAL EQUIPMENT COMPLIES WITH THE STANDARDS OF THE MAINTAINING AGENCY. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT THE PROPOSED SIGNAL EQUIPMENT MEETS THE REQUIREMENTS SPECIFIED IN THE CONTRACT, SPECIFICATIONS AND CONTRACT PLANS.

3. THE CONTRACTOR SHALL COORDINATE A FIELD MEETING WITH THE SIGNAL SUPERVISOR, PRIOR TO REMOVING ANY EXISTING EQUIPMENT, TO DETERMINE WHICH EQUIPMENT SHOULD BE DELIVERED TO BCTED. THE AGREED UPON EQUIPMENT SHALL BE DISASSEMBLED INTO THEIR COMPONENT PARTS, TAGGED AS TO LOCATION, PACKAGED AS NEEDED FOR PROTECTION FROM DAMAGE AND DELIVERED TO:

BROWARD COUNTY TRAFFIC ENGINEERING DIVISION
2300 WEST COMMERCIAL BLVD
FORT LAUDERDALE, FL 33309

ALL SIGNALIZATION EQUIPMENT THAT IS REMOVED AND NOT REQUESTED BY BCTED SHALL BE PROPERLY DISPOSED OF AT THE CONTRACTOR'S EXPENSE IN A MANNER AND LOCATION APPROVED BY THE SIGNAL SUPERVISOR.

THE SIGNAL SUPERVISOR IS TO BE CONTACTED AT 954-847-2600 AT LEAST 48 HOURS PRIOR TO DELIVERY. WRITTEN ACKNOWLEDGEMENT OF EQUIPMENT RECEIPT SHALL BE OBTAINED FROM THE SIGNAL SUPERVISOR IN THE FORM OF A SIGNED RECEIPT BEARING THE CONTRACTOR'S LETTERHEAD. THIS ITEMIZED RECEIPT SHALL STATE THAT ALL OF THE EQUIPMENT REMOVED FROM EACH LOCATION WAS RETURNED TO BCTED IN GOOD CONDITION. THE CONTRACTOR SHALL PRESENT THE RECEIPT TO BCTED AT THE TIME OF SIGNAL INSPECTION. ABSENCE OF SUCH RECEIPT SHALL BE RECORDED ON THE PUNCH LIST AS AN ITEM TO BE CORRECTED PRIOR TO FINAL APPROVAL OF THE INSTALLATION.

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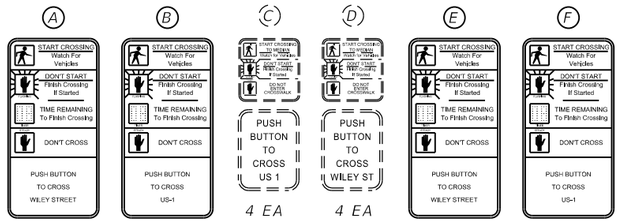
SIGN DETAILS

EXISTING OVERHEAD SIGNS TO REMAIN

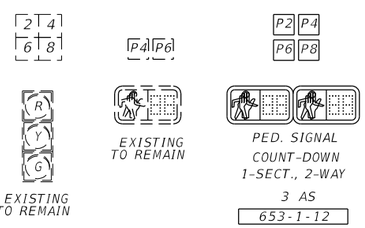


FTP-68B-06 (9"x18") 3 EA — FTP-68B-06 (9"x18") 3 EA — TO BE INSTALLED WITH PEDESTRIAN DETECTORS

4 EA — 4 EA — TO BE REMOVED

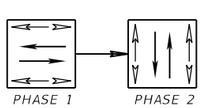
FTP-68B-06 (9"x18") 1 EA — FTP-68B-06 (9"x18") 1 EA — TO BE INSTALLED ON EXIST. MAST ARM

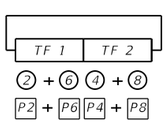
SIGNAL HEAD DETAILS



OPTICAL DETECTION ASSIGNMENTS		
VD UNIT	OPERATION	CONNECTED TO MOVEMENT
V-1	PRESENCE	OD-2 & OD-5
V-2	PRESENCE	OD-4
V-3	PRESENCE	OD-1 & OD-6
V-4	PRESENCE	OD-8

S.O.P. NO. 1





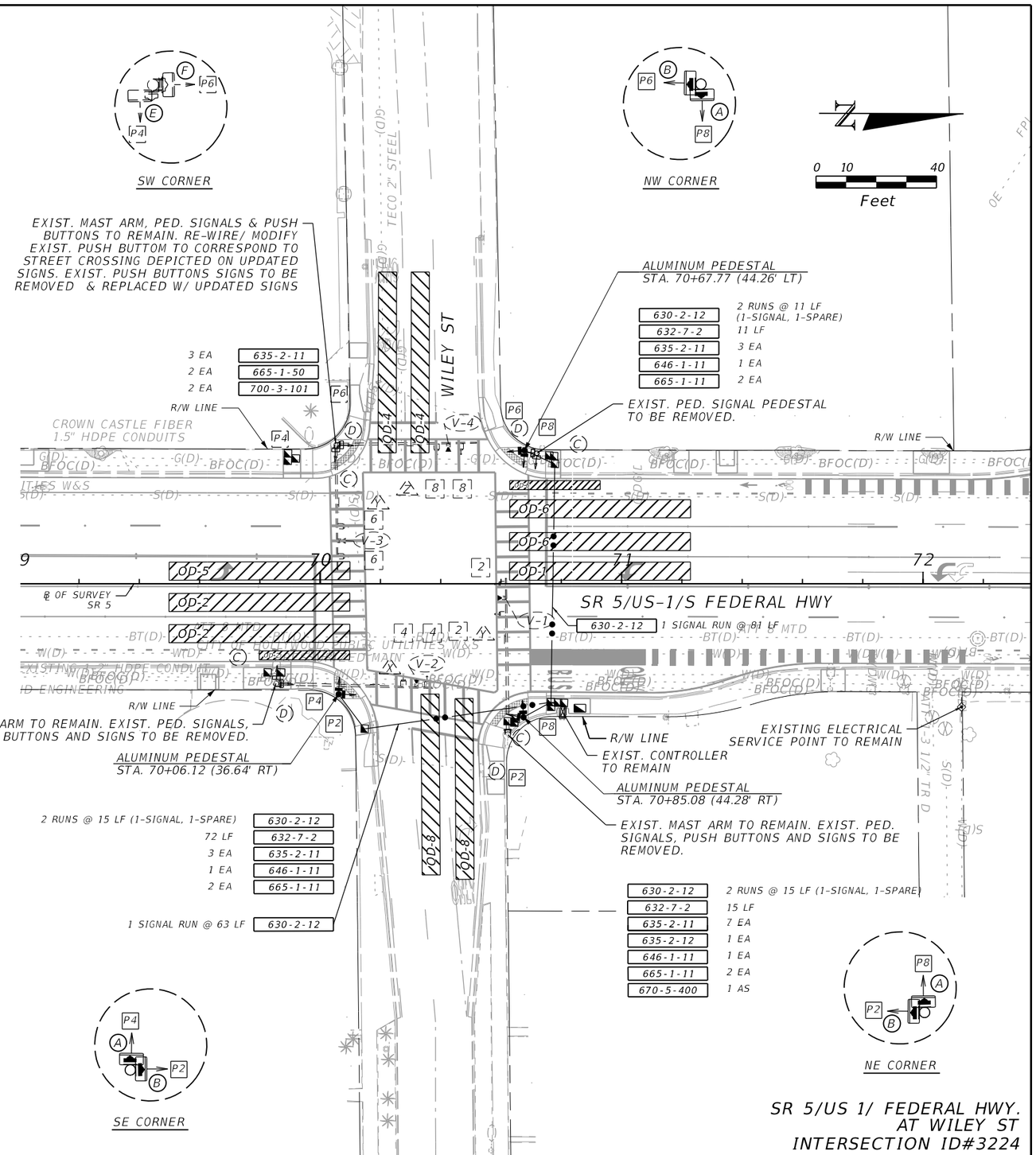
REMOVAL ITEMS		
PAY ITEM	QUANTITY	UNIT
632-7-6	1	PI
646-1-60	1	EA
653-1-60	4	AS
665-1-60	4	EA
700-3-601	12	EA

LEGEND

- EXISTING VIDEO DETECTOR
- EXISTING OPTICAL DETECTION ZONE
- PROPOSED PEDESTRIAN PUSHBUTTON
- PEDESTRIAN MOVEMENT
- PROPOSED PEDESTRIAN SIGNAL (CYLINDRICAL FOOTING PER INDEX 665-001)

SIGNAL OPERATION

1. MAJOR STREET: SR 5 / US-1/ FEDERAL HIGHWAY
   MINOR STREET: WILEY ST
2. SIGNAL OPERATING PLAN (S.O.P.) AND EXISTING TIMING TO REMAIN



SR 5/US 1/ FEDERAL HWY.
AT WILEY ST
INTERSECTION ID#3224

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Z:\FDOTConnect\Workspaces\FDOT\WorkSets\FDOT\441582152O1\signals\PLANS601.dgn

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

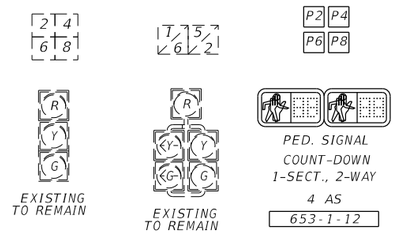
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

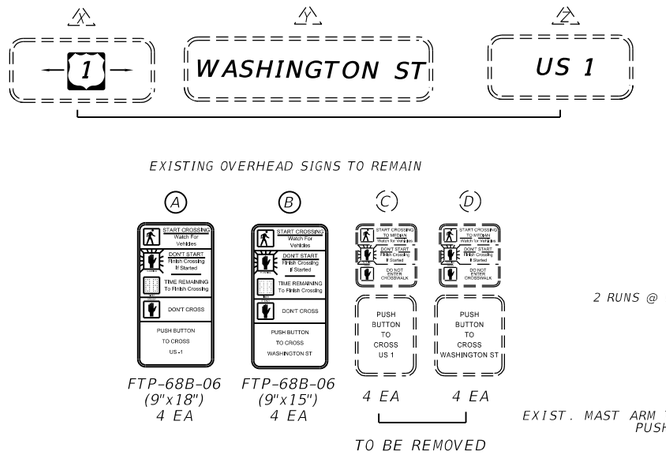
SIGNALIZATION PLAN

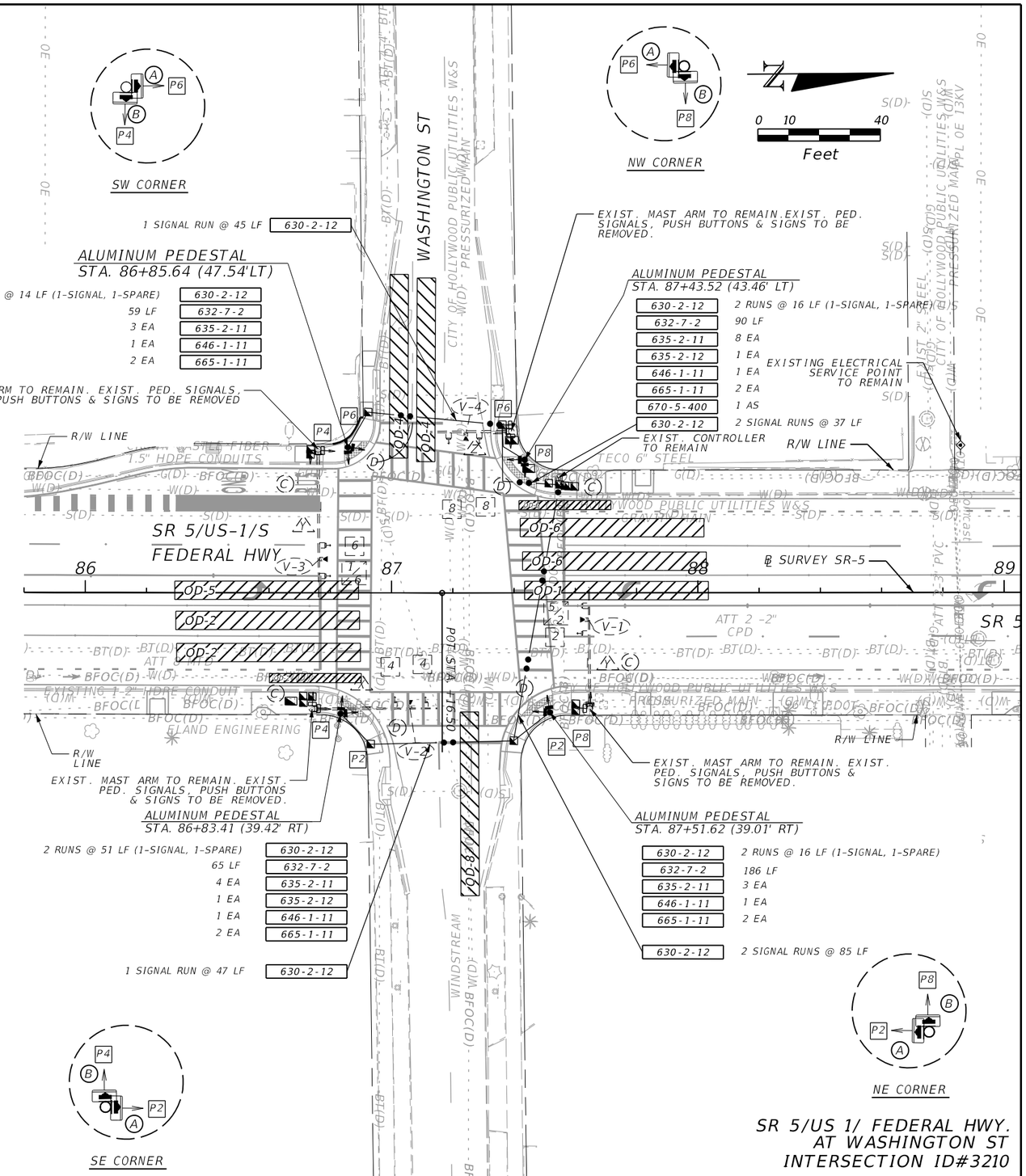
SHEET NO. T-3

SIGNAL HEAD DETAILS

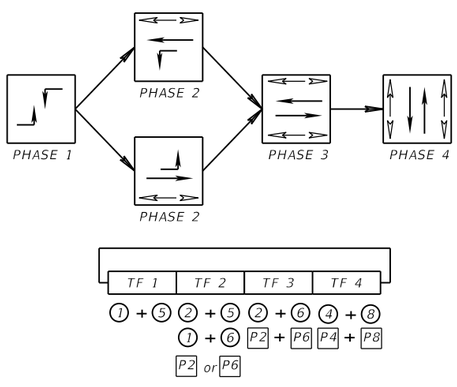


SIGN DETAILS





S.O.P. NO. 7



OPTICAL DETECTION ASSIGNMENTS		
VD UNIT	OPERATION	CONNECTED TO MOVEMENT
V-1	PRESENCE	OD-2 & OD-5
V-2	PRESENCE	OD-4
V-3	PRESENCE	OD-1 & OD-6
V-4	PRESENCE	OD-8

REMOVAL ITEMS		
PAY ITEM	QUANTITY	UNIT
632-7-6	1	PI
653-1-60	8	AS
665-1-60	8	EA
700-3-601	16	EA

SIGNAL OPERATION

1. MAJOR STREET: SR 5 / US-1/ FEDERAL HIGHWAY
   MINOR STREET: WASHINGTON ST
2. SIGNAL OPERATING PLAN (S.O.P.) AND EXISTING TIMING TO REMAIN

LEGEND

- EXISTING VIDEO DETECTOR
- EXISTING OPTICAL DETECTION ZONE
- PROPOSED PEDESTRIAN PUSHBUTTON
- PEDESTRIAN MOVEMENT
- PROPOSED PEDESTRIAN SIGNAL (CYLINDRICAL FOOTING PER INDEX 665-001)

SR 5/US 1/ FEDERAL HWY.
AT WASHINGTON ST
INTERSECTION ID#3210

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

SIGNALIZATION PLAN

SHEET NO. T-4

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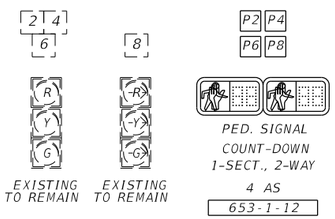
SIGNAL HEAD DETAILS



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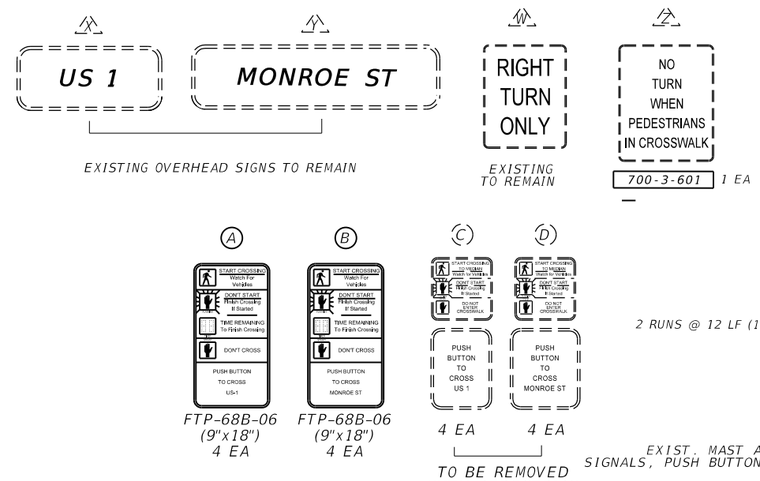
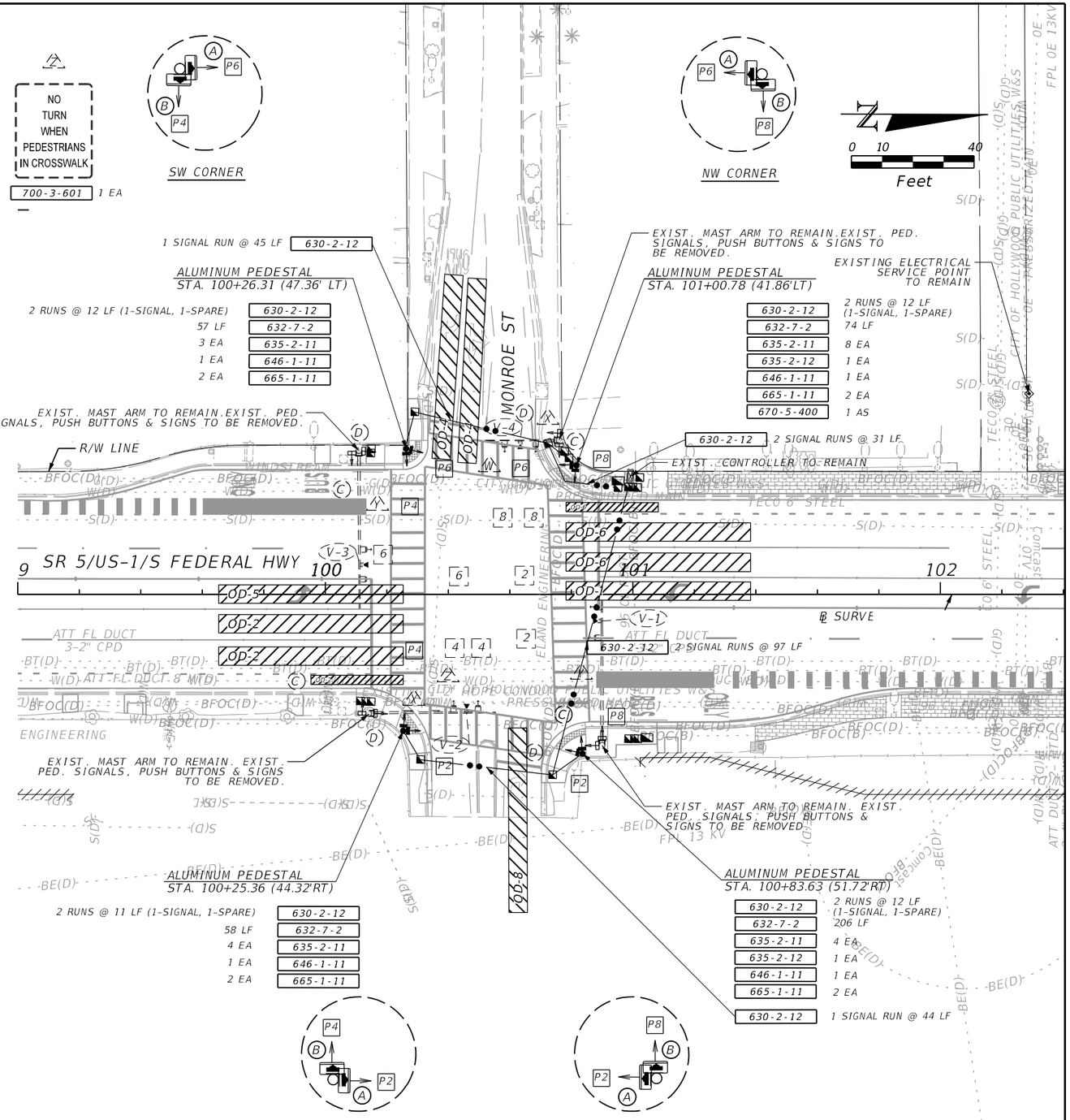
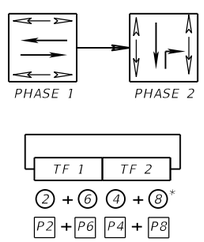




SPECIAL S.O.P. NO. 1



* WBR OMITTED WHEN PEDESTRIAN PHASE IS ACTIVE.

OPTICAL DETECTION ASSIGNMENTS		
VD UNIT	OPERATION	CONNECTED TO MOVEMENT
V-1	PRESENCE	OD-2 & OD-5
V-2	PRESENCE	OD-4
V-3	PRESENCE	OD-1 & OD-6
V-4	PRESENCE	OD-8

REMOVAL ITEMS		
PAY ITEM	QUANTITY	UNIT
632-7-6	1	PI
653-1-60	8	AS
665-1-60	8	EA
700-3-601	16	EA

SIGNAL OPERATION

1. MAJOR STREET: SR 5 / US-1/ FEDERAL HIGHWAY
   MINOR STREET: MONROE ST
2. SIGNAL OPERATING PLAN (S.O.P.) AND EXISTING TIMING TO REMAIN

LEGEND

- EXISTING VIDEO DETECTOR
- EXISTING OPTICAL DETECTION ZONE
- PROPOSED PEDESTRIAN PUSHBUTTON
- PEDESTRIAN MOVEMENT
- PROPOSED PEDESTRIAN SIGNAL (CYLINDRICAL FOOTING PER INDEX 665-001)

SR 5/US 1/ FEDERAL HWY.
AT MONROE ST
INTERSECTION ID#3225

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REVISIONS			
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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

SIGNALIZATION PLAN

SHEET NO. T-5

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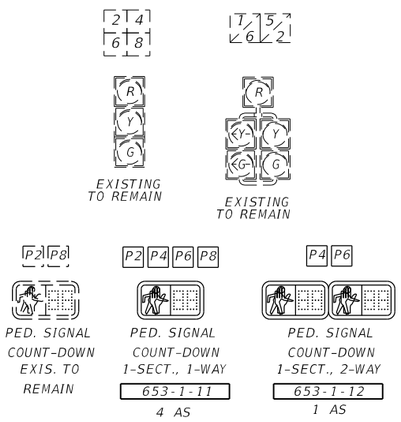
SIGNAL HEAD DETAILS



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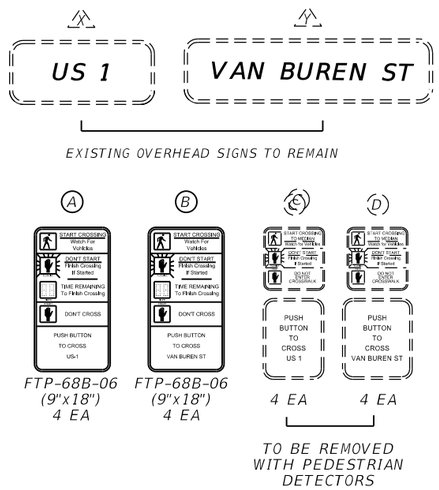
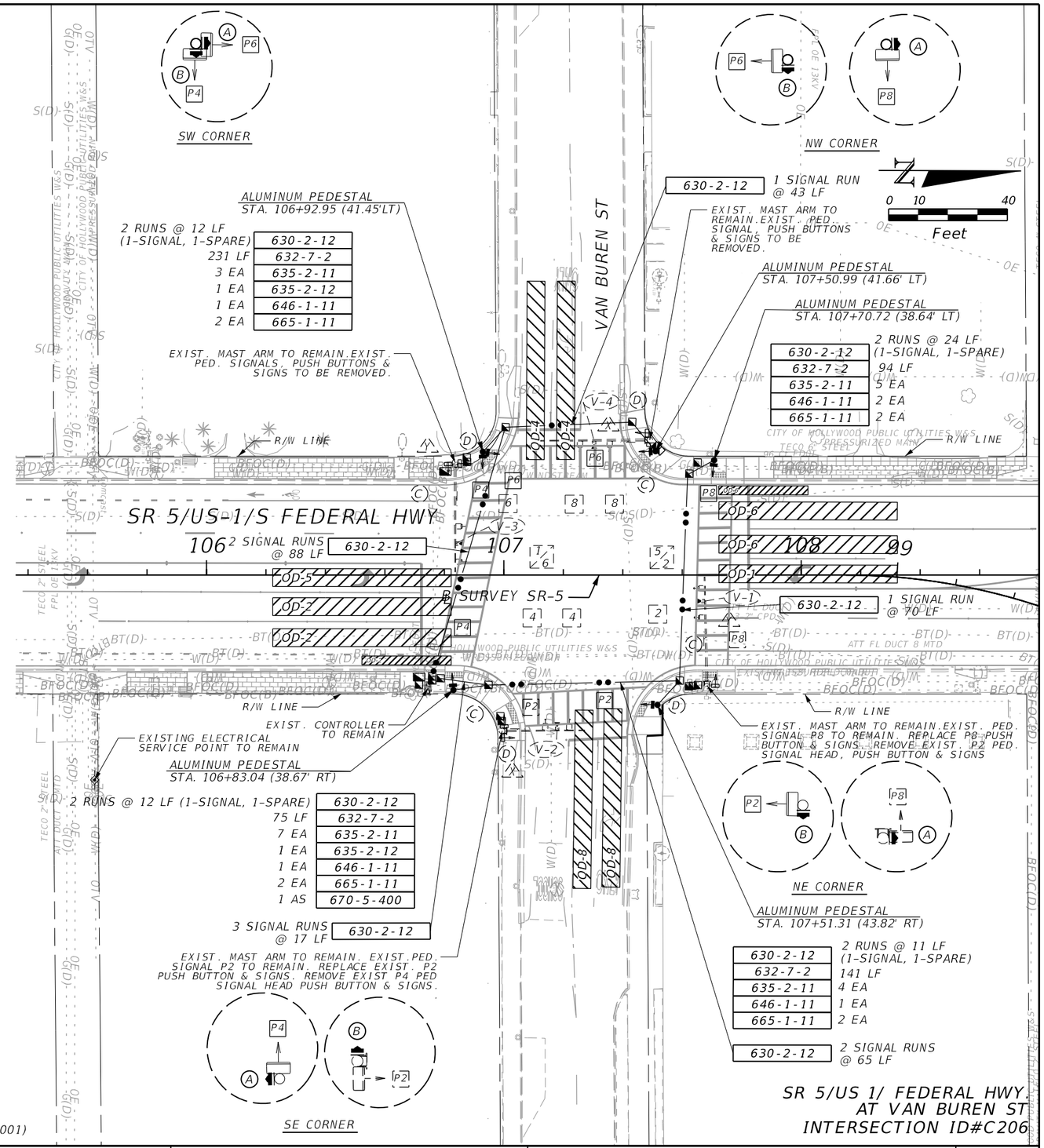
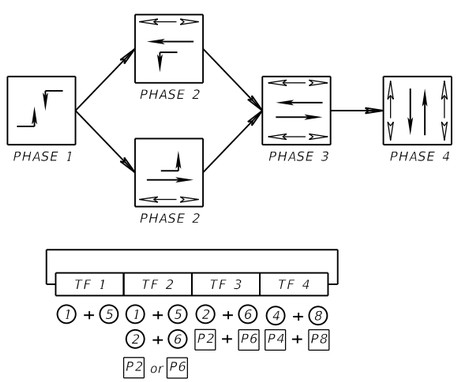




S.O.P. NO. 7



OPTICAL DETECTION ASSIGNMENTS		
VD UNIT	OPERATION	CONNECTED TO MOVEMENT
V-1	PRESENCE	OD-1 & OD-6
V-2	PRESENCE	OD-8
V-3	PRESENCE	OD-2 & OD-5
V-4	PRESENCE	OD-4

REMOVAL ITEMS		
PAY ITEM	QUANTITY	UNIT
632-7-6	1	PI
653-1-60	6	AS
665-1-60	8	EA
700-3-601	16	EA

SIGNAL OPERATION

1. MAJOR STREET: SR 5 / US-1/ FEDERAL HIGHWAY
   MINOR STREET: VAN BUREN ST
2. SIGNAL OPERATING PLAN (S.O.P.) AND EXISTING TIMING TO REMAIN

LEGEND

- EXISTING VIDEO DETECTOR
- EXISTING OPTICAL DETECTION ZONE
- PROPOSED PEDESTRIAN PUSHBUTTON
- PEDESTRIAN MOVEMENT
- PROPOSED PEDESTRIAN SIGNAL (CYLINDRICAL FOOTING PER INDEX 665-001)

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

SIGNALIZATION PLAN

SHEET NO. T-6

SR 5/US 1/ FEDERAL HWY.
AT VAN BUREN ST
INTERSECTION ID#C206

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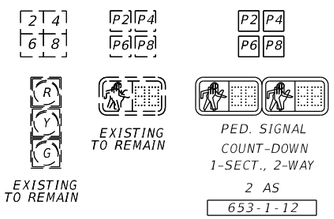
SIGNAL HEAD DETAILS



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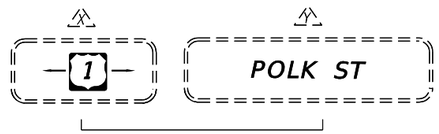
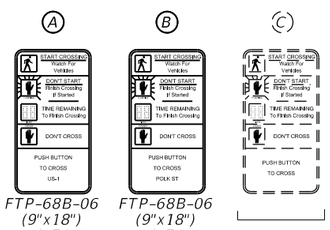




FTP-68B-06 (9"x18") 4 EA

FTP-68B-06 (9"x18") 4 EA

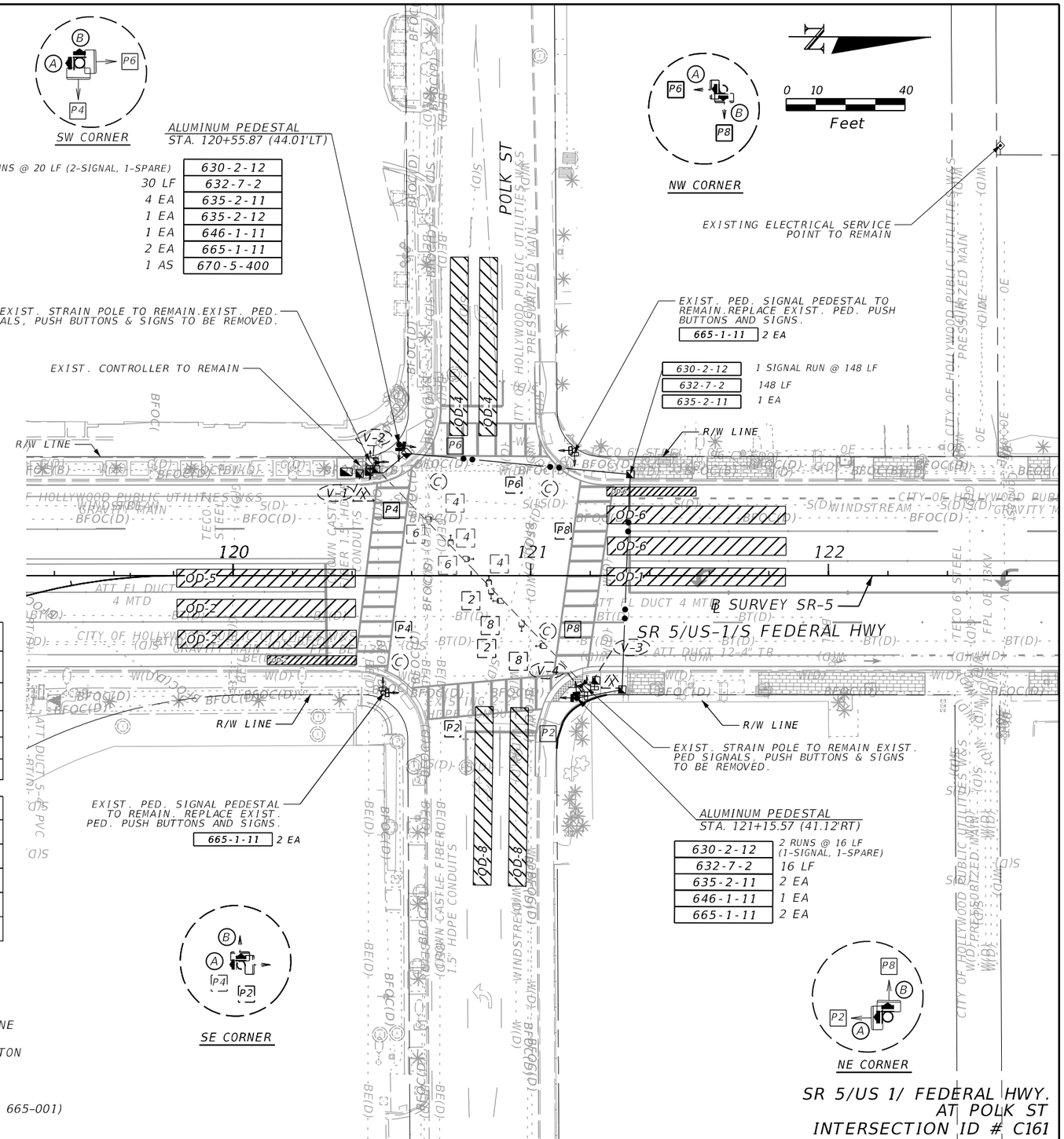
4 EA

TO BE REMOVED WITH PEDESTRIAN DETECTORS

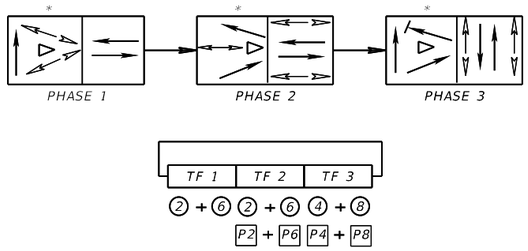
SW CORNER

ALUMINUM PEDESTAL
STA. 120+55.87 (44.01'LT)

3 RUNS @ 20 LF (2-SIGNAL, 1-SPARE)	630-2-12
30 LF	632-7-2
4 EA	635-2-11
1 EA	635-2-12
1 EA	646-1-11
2 EA	665-1-11
1 AS	670-5-400



SPECIAL S.O.P.



* SEQUENCE OF OPERATION INCLUDES THE SIGNAL SOUTH OF POLK STREET.

SIGNAL OPERATION

1. MAJOR STREET: SR 5 / US-1/ FEDERAL HIGHWAY
   MINOR STREET: POLK ST
2. SIGNAL OPERATING PLAN (S.O.P.) AND EXISTING TIMING TO REMAIN

OPTICAL DETECTION ASSIGNMENTS		
VD UNIT	OPERATION	CONNECTED TO MOVEMENT
V-1	PRESENCE	OD-6
V-2	PRESENCE	OD-8
V-3	PRESENCE	OD-2 & OD-5
V-4	PRESENCE	OD-4

REMOVAL ITEMS		
PAY ITEM	QUANTITY	UNIT
632-7-6	1	PI
653-1-60	4	AS
665-1-60	8	EA
700-3-601	4	EA

LEGEND

- EXISTING VIDEO DETECTOR
- OD-# EXISTING OPTICAL DETECTION ZONE
- PROPOSED PEDESTRIAN PUSHBUTTON
- P# PEDESTRIAN MOVEMENT
- PROPOSED PEDESTRIAN SIGNAL (CYLINDRICAL FOOTING PER INDEX 665-001)

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

SIGNALIZATION PLAN

SHEET NO. T-7

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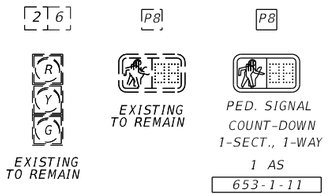
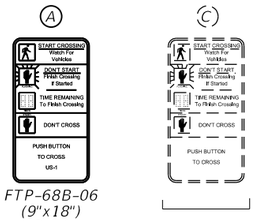
SIGNAL HEAD DETAILS



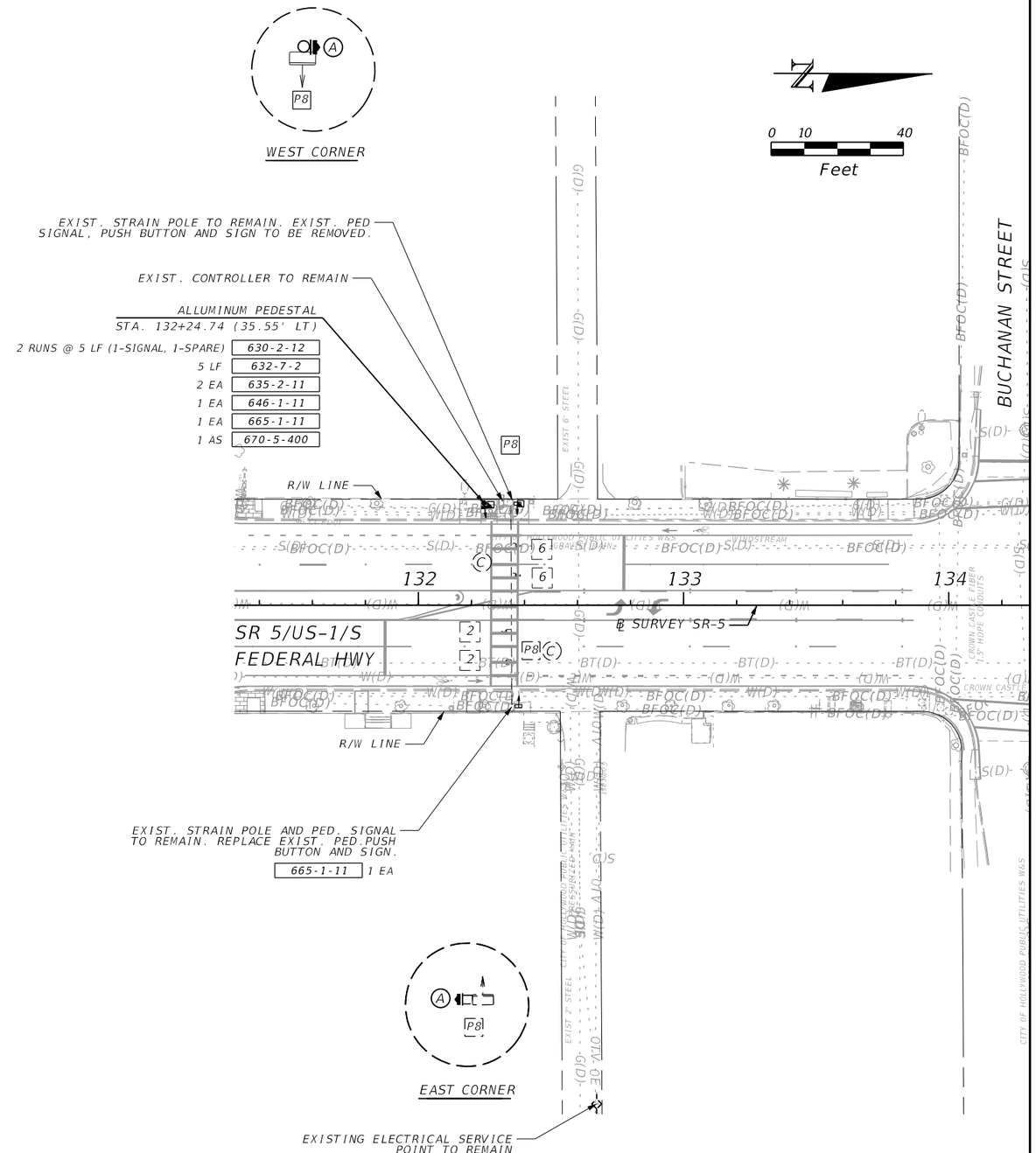
SIGN DETAILS



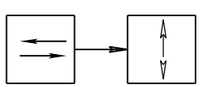
FTP-68B-06 (9"x18") 2 EA

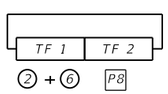
2 EA

TO BE REMOVED WITH PEDESTRIAN DETECTORS



S.O.P.





REMOVAL ITEMS		
PAY ITEM	QUANTITY	UNIT
632-7-6	1	PI
653-1-60	1	AS
665-1-60	2	EA
700-3-601	2	EA

SIGNAL OPERATION

1. MAJOR STREET: SR 5 / US-1/ FEDERAL HIGHWAY
   MINOR STREET: MIDBLOCK (SOUTH OF BUCHANAN ST)
2. SIGNAL OPERATING PLAN (S.O.P.) AND EXISTING TIMING TO REMAIN

LEGEND

- PROPOSED PEDESTRIAN PUSHBUTTON
- P# PEDESTRIAN MOVEMENT
- PROPOSED PEDESTRIAN SIGNAL (CYLINDRICAL FOOTING PER INDEX 665-001)

SR 5/US 1/ FEDERAL HWY.
AT MIDBLOCK (SOUTH OF BUCHANAN ST
INTERSECTION ID# C286

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

SIGNALIZATION PLAN

SHEET NO. T-8

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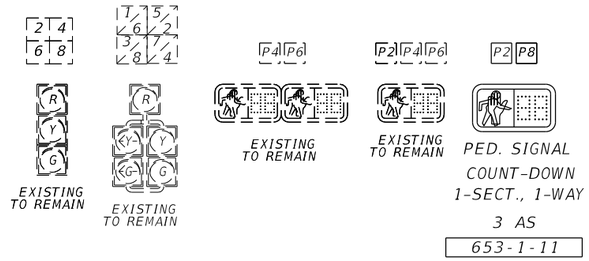
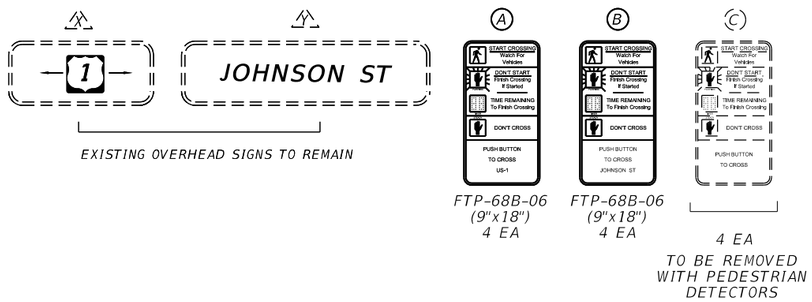
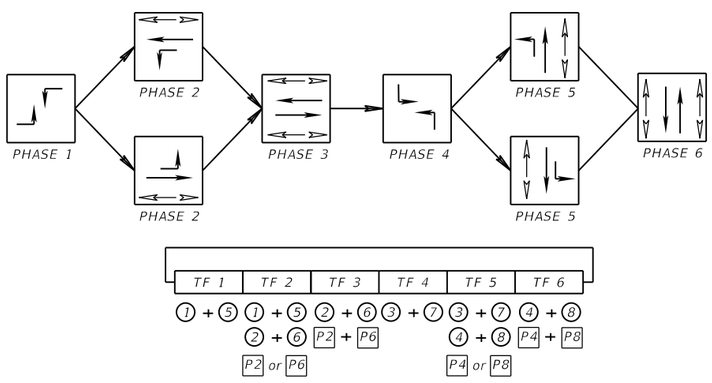
SIGNAL HEAD DETAILS



SIGN DETAILS



S.O.P.



SIGNAL OPERATION

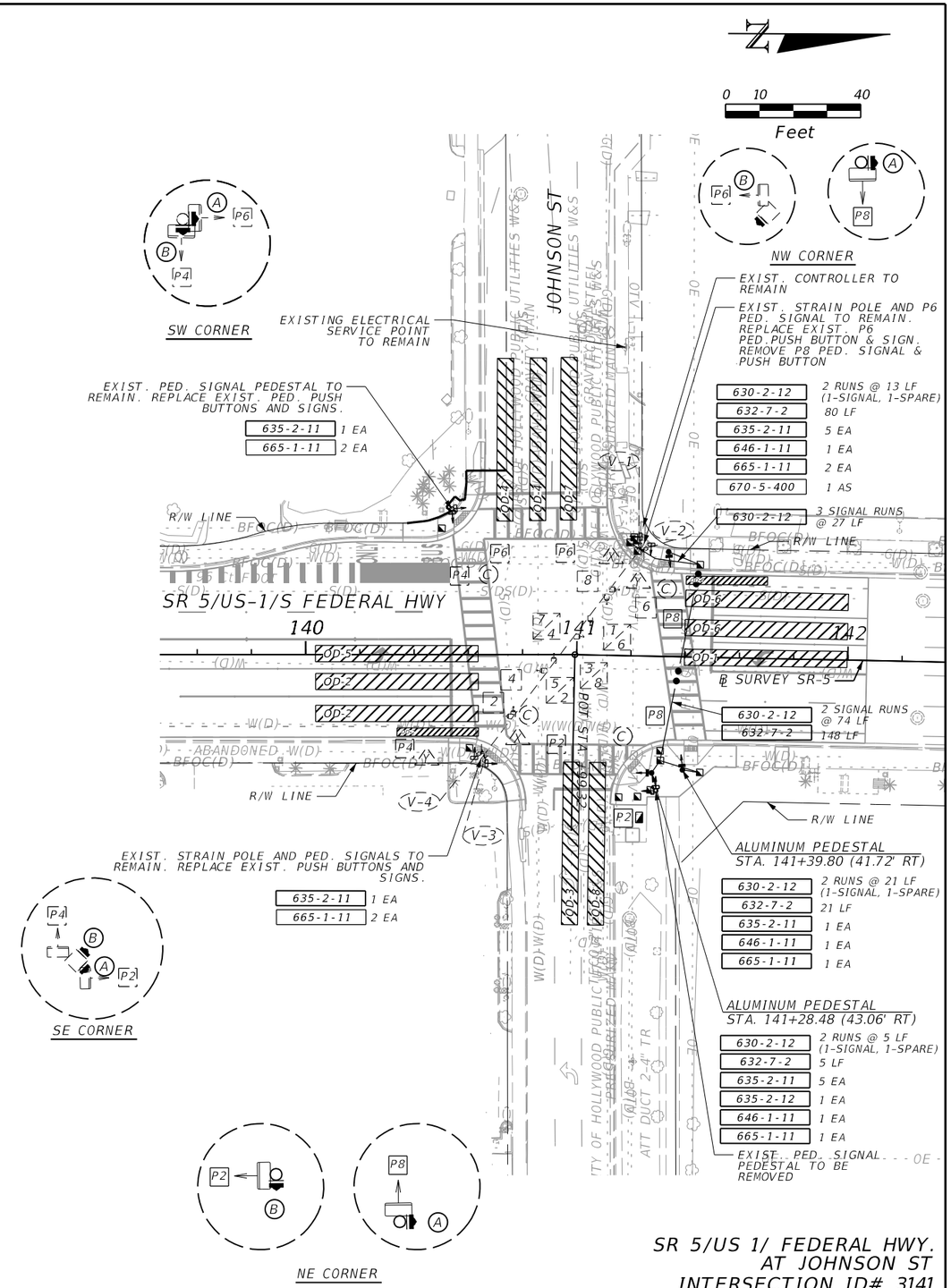
1. MAJOR STREET: SR 5 / US-1/ FEDERAL HIGHWAY
   MINOR STREET: JOHNSON ST
2. SIGNAL OPERATING PLAN (S.O.P.) AND EXISTING TIMING TO REMAIN

OPTICAL DETECTION ASSIGNMENTS		
VD UNIT	OPERATION	CONNECTED TO MOVEMENT
V-1	PRESENCE	OD-3 & OD-8
V-2	PRESENCE	OD-2 & OD-5
V-3	PRESENCE	OD-4 & OD-7
V-4	PRESENCE	OD-1 & OD-6

REMOVAL ITEMS		
PAY ITEM	QUANTITY	UNIT
632-7-6	1	PI
646-1-60	1	EA
665-1-60	6	EA
700-3-601	3	EA

LEGEND

- EXISTING VIDEO DETECTOR
- EXISTING OPTICAL DETECTION ZONE
- PROPOSED PEDESTRIAN PUSHBUTTON
- PEDESTRIAN MOVEMENT
- PROPOSED PEDESTRIAN SIGNAL (CYLINDRICAL FOOTING PER INDEX 665-001)



SR 5/US 1/ FEDERAL HWY.
AT JOHNSON ST
INTERSECTION ID# 3141

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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

SIGNALIZATION PLAN

SHEET NO.
T-9

STATE OF FLORIDA

DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

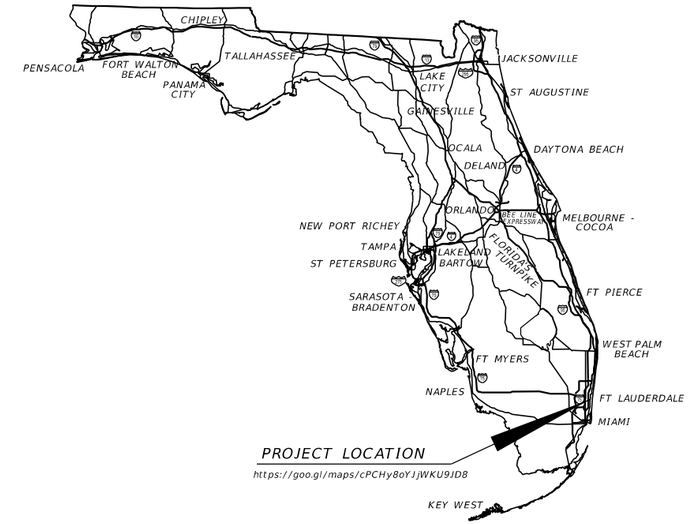
FINANCIAL PROJECT ID(s): 441582-1-52-01, 441582-1-52-02, & 441582-1-52-03.

(FEDERAL FUNDS)

BROWARD COUNTY (86010)

STATE ROAD NO. 5 (US-1/FEDERAL HIGHWAY)
FROM SR 824/PEMBROKE ROAD TO JOHNSON ST

LIGHTING PLANS



INDEX OF LIGHTING PLANS

SHEET NO.	SHEET DESCRIPTION
L-1	KEY SHEET
L-2	SIGNATURE SHEET
L-3	GENERAL NOTES
L-4 - L-5	LIGHTING DATA TABLE
L-6	LIGHTING LEGEND
L-7 - L-19	LIGHTING PLAN
L-20 - L-21	LIGHT POLE DETAIL
L-22 - L-23	LIGHT POLE FOUNDATION DETAIL
L-24	SERVICE POINT DETAILS
L-25	LOAD CENTER SCHEDULE
* GL-1 - GL-8	REPORT OF CORE BORINGS

* THESE SHEETS ARE INCLUDED IN THE INDEX OF LIGHTING PLANS ONLY TO INDICATE THAT IS PART OF THE LIGHTING PLANS. THESE SHEETS ARE CONTAINED IN A SEPARATE SIGNED AND SEALED DOCUMENT.

LIGHTING PLANS
ENGINEER OF RECORD:

FABRICIO M. SAVIO, P.E.
P.E. LICENSE NUMBER 77354
GANNETT FLEMING, INC.
800 NW 62ND AVE, SUITE 490
MIAMI, FLORIDA 33126
CONTRACT NO.: CA601
VENDOR NO.: 25-1613591

FDOT PROJECT MANAGER:

VANDANA NAGOLE, P.E.

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

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FABRICIO M. SAVIO
LICENSE
No 77354
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 62ND AVENUE, SUITE 490
MIAMI, FLORIDA 33126
FABRICIO M. SAVIO, P.E. NO. 77354

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
L-1	KEY SHEET
L-2	SIGNATURE SHEET
L-3	GENERAL NOTES
L-4 - L-5	LIGHTING DATA TABLE
L-6	LIGHTING LEGEND
L-7 - L-19	LIGHTING PLAN
L-20 - L-21	LIGHT POLE DETAIL
L-24	SERVICE POINT DETAILS
L-25	LOAD CENTER SCHEDULE

RAY T. STAUFFER
LICENSE
No 67092
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 62ND AVENUE, SUITE 490
MIAMI, FLORIDA 33126
RAY T. STAUFFER, P.E. NO. 67092

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
L-2	SIGNATURE SHEET
L-22 - L-23	LIGHT POLE FOUNDATION DETAIL

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

FABRICIO M. SAVIO, P.E.
P.E. LICENSE NUMBER 77354
GANNETT FLEMING, INC.
800 NW 62ND AVE - SUITE 490
MIAMI, FLORIDA 33126

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

SIGNATURE SHEET

SHEET NO.
L-2

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GENERAL NOTES:

1. THE MAINTAINING AGENCY FOR THE LIGHTING SYSTEM SOUTH OF PEMBROKE ROAD IS THE CITY OF HALLANDALE BEACH AND BETWEEN PEMBROKE ROAD AND JOHNSON STREET IS THE THE CITY OF HOLLYWOOD.

2. HANDHOLE COVERS FOR THE POLES AND TRANSFORMER BASIS SHALL BE LOCATED OPPOSITE APPROACHING TRAFFIC.

3. NOTIFY THE CITY OF HOLLYWOOD'S POLICE DEPARTMENT, DETECTIVE EDGARDO RAMOS AT 954-605-1916 OR ERAMOS@HOLLYWOODFL.ORG, THE RELOCATION OF THE SURVEILLANCE EQUIPMENT ATTACHED TO AN EXISTING LIGHT POLE AT S. YOUNG CIRCLE AND HARRISON STREET AT THE PRECONSTRUCTION MEETING. THE EXISTING LIGHT POLE IS BEING REPLACED.

PAY ITEM FOOTNOTE:

1. PAY ITEM 630-2-12: INCLUDES COST OF CONDUIT PLACED UNDER EXISTING PAVEMENT (ROADWAY, DRIVEWAYS OR SIDEWALK) WHETHER BY DIRECTIONAL BORE OR OPEN TRENCH.

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POLE DATA

POLE NO.	CIRCUIT	STATION	SIDE	DIST. OR ARM	LUMINAIRE WATTAGE	MOUNTING HEIGHT	MOUNTING CONFIG.	POLE SETBACK	FOUNDATION TYPE	PAY ITEM
1	EXIST. A-3	59+55.52	LT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
2	EXIST. A-4	59+13.70	RT	8'/4'	242W/27W	40'/22'	TEARDROP	BSK	DRILL SHAFT	715-512-240
3	EXIST. UNK.	60+54.38	LT	12'	274W	45'	COBRAHEAD	EXIST.	EXIST.	715-11-211
4	G-2	60+38.91	RT	0'	61W	14'	TOP MOUNT	BSK	DRILL SHAFT	715-516-615
5	EXIST. UNK.	60+60.34	LT	12'	274W	45'	COBRAHEAD	EXIST.	EXIST.	715-11-211
7	G-1	61+17.24	LT	0'	61W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
8	EXIST. B-6	61+49.27	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
9	G-1	62+18.72	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
10	G-2	62+34.40	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
11	EXIST. B-5	63+02.53	LT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
12	G-2	63+17.22	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
13	G-1	64+06.50	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
14	EXIST. B-6	64+63.28	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
15	G-1	65+73.09	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
16	G-2	65+62.26	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
17	EXIST. B-5	66+53.37	LT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
18 **	G-2	67+55.19	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
19	G-1	68+07.72	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
20	EXIST. B-6	68+34.92	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
21	G-1	68+99.97	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
22	G-2	69+62.84	RT	0'	61W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
23	EXIST. B-5	69+96.12	LT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
24 **	G-2	70+58.61	RT	0'	61W	14'	TOP MOUNT	BSK	DRILL SHAFT	715-516-615
25	G-1	70+12.26	LT	0'	61W	14'	TOP MOUNT	BSK	DRILL SHAFT	715-516-615
26	EXIST. B-6	71+69.19	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
27	G-1	71+34.92	LT	0'	61W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
28	G-2	72+84.10	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
29	EXIST. B-5	73+03.34	LT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
30 **	G-2	73+97.19	RT	0'	61W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
31	G-1	74+12.83	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
32	EXIST. B-6	75+06.61	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
33	G-1	75+64.40	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
34 **	G-2	75+75.72	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
35	EXIST. B-5	76+59.50	LT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
36	G-2	77+47.25	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
37	G-1	77+53.41	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
38	EXIST. B-6	78+42.17	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
39 **	G-1	78+56.92	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
40	G-2	79+21.55	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
41	EXIST. B-5	80+03.09	LT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
42	G-4	81+07.18	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
43	G-3	81+06.79	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
44	EXIST. B-6	81+89.28	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
45	G-3	82+44.88	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
46	G-4	82+67.81	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
47	EXIST. B-7	83+38.56	LT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
48	G-4	83+46.51	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
49	G-3	84+30.55	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
50	EXIST. B-8	85+19.94	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
51	G-3	85+74.47	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
52	G-4	86+23.67	RT	0'	61W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
53	EXIST. B-7	86+66.33	LT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
54A	G-4	86+94.46	RT	0'	61W	14'	TOP MOUNT	BSK	DRILL SHAFT	715-516-615
54 **	G-4	87+39.31	RT	0'	61W	14'	TOP MOUNT	BSK	DRILL SHAFT	715-516-615
55	G-3	86+93.77	LT	0'	61W	14'	TOP MOUNT	BSK	DRILL SHAFT	715-516-615
56	EXIST. B-8	88+37.82	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
57	G-3	87+82.01	LT	0'	61W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
58	G-4	89+97.66	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
59	G-3	89+19.14	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
60	EXIST. B-8	91+74.34	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
61	EXIST. B-7	89+97.37	LT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
62 **	G-4	92+50.49	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
63	G-3	90+83.52	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
64	G-4	94+41.38	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
65	G-3	92+48.06	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
66	EXIST. B-8	95+19.35	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
67	EXIST. B-7	93+23.57	LT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
68	G-4	96+17.69	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
69	G-3	94+55.55	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
70	G-4	97+36.65	RT	0'	61W	14'	TOP MOUNT	BSK	DRILL SHAFT	715-516-615
71	G-3	95+77.47	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
72	EXIST. B-8	98+48.45	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
73	EXIST. B-7	96+68.69	LT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
74	G-4	99+38.27	RT	0'	61W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
74A	G-4	101+12.20	RT	0'	61W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
75	G-3	97+87.51	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
76	EXIST. B-8	101+84.89	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
78	G-4	102+80.13	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
79	EXIST. B-7	99+96.00	LT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
80	G-4	104+47.73	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
81 **	G-3	101+08.90	LT	0'	61W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
82	EXIST. B-8	105+27.86	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
83**	G-3	102+67.87	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
84	G-4	106+06.37	RT	0'	61W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
85	EXIST. B-7	103+49.35	LT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
86	G-4	107+45.67	RT	0'	61W	14'	TOP MOUNT	77.3'	SHALLOW	715-516-615
87	G-3	104+38.83	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
88	EXIST. B-8	108+59.37	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
89	G-3	106+00.11	LT	0'	61W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
90	EXIST. UNK.	109+23.81	RT	0'	61W	14'	TOP MOUNT	EXIST.	EXIST.	715-11-213
91	EXIST. B-7	106+65.46	LT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
92	EXIST. C-18	109+85.16	RT	0'	61W	14'	TOP MOUNT	EXIST.	EXIST.	715-11-213
93	EXIST. UNK.	106+99.66	LT	0'	61W	14'	TOP MOUNT	EXIST.	EXIST.	715-11-213
94	EXIST. C-18	109+92.76	RT	0'	61W	14'	TOP MOUNT	EXIST.	EXIST.	715-11-213
95	G-3	107+88.18	LT	0'	61W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615

** HOUSE SIDE SHIELD.
BSK: BACK OF SIDEWALK

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REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

FABRICIO M. SAVIO, P.E.
P.E. LICENSE NUMBER 77354
GANNETT FLEMING, INC.
800 NW 62ND AVE - SUITE 490
MIAMI, FLORIDA 33126

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

LIGHTING DATA TABLE

SHEET NO.
L-4

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POLE DATA

POLE NO.	CIRCUIT	STATION	SIDE	DIST. OR ARM	LUMINAIRE WATTAGE	MOUNTING HEIGHT	MOUNTING CONFIG.	POLE SETBACK	FOUNDATION TYPE	PAY ITEM
96	EXIST. D-14	118+13.69	RT	0'	61W	14'	TOP MOUNT	EXIST.	EXIST.	715-11-213
97	G-3	109+47.50	LT	0'	61W	14'	TOP MOUNT	71.7'	SHALLOW	715-516-615
98	H-2	118+56.22	RT	0'	61W	14'	TOP MOUNT	69.1'	SHALLOW	715-516-615
99	EXIST. C-17	109+78.41	LT	0'	61W	14'	TOP MOUNT	EXIST.	EXIST.	715-11-213
100	EXIST. UNK.	119+43.22	RT	0'	61W	14'	TOP MOUNT	EXIST.	EXIST.	715-11-213
101	EXIST. C-17	109+92.08	LT	0'	61W	14'	TOP MOUNT	EXIST.	EXIST.	715-11-213
102	EXIST. F (A1&A5)	119+99.83	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
103	EXIST. D-13	118+14.61	LT	0'	61W	14'	TOP MOUNT	EXIST.	EXIST.	715-11-213
104	EXIST. UNK.	120+22.97	RT	0'	61W	14'	TOP MOUNT	EXIST.	EXIST.	715-11-213
105	EXIST. UNK.	119+22.36	LT	14'	61W	14'	TOP MOUNT	EXIST.	EXIST.	715-11-213
106	EXIST. UNK.	120+61.89	RT	0'	61W	14'	TOP MOUNT	EXIST.	EXIST.	715-11-213
107	EXIST. UNK.	119+73.14	LT	0'	61W	14'	TOP MOUNT	EXIST.	EXIST.	715-11-213
108	H-2	121+05.83	RT	0'	61W	14'	TOP MOUNT	BSK	DRILL SHAFT	715-516-615
109	EXIST. UNK.	120+19.62	LT	0'	61W	14'	TOP MOUNT	EXIST.	EXIST.	715-11-213
110	H-2	122+79.64	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
111	EXIST. UNK.	120+64.14	LT	0'	61W	14'	TOP MOUNT	EXIST.	EXIST.	715-11-213
112	EXIST. F (A1&A5)	123+54.68	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
113	EXIST. F (A2&A6)	121+56.77	LT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
114	H-2	124+71.58	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
115**	H-1	122+76.77	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
116	H-2	126+02.79	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
117	H-1	124+56.91	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
118	EXIST. F (A1&A5)	127+00.60	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
119	EXIST. F (A2&A6)	125+23.18	LT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
120	H-2	127+96.71	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
121**	H-1	126+59.97	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
122	H-2	129+58.51	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
123	EXIST. F (A2&A6)	128+89.78	LT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
124	EXIST. F (A1&A5)	130+42.31	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
125	H-1	129+61.18	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
126	H-2	131+38.00	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
127	H-1	131+40.88	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
128	EXIST. F (A1&A5)	133+90.62	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
129	EXIST. F (A2&A6)	132+17.29	LT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
130	H-2	134+75.90	RT	0'	23W	14'	TOP MOUNT	BSK	DRILL SHAFT	715-516-615
131	H-1	132+43.60	LT	0'	61W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
132	H-2	136+53.32	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
133	H-1	134+76.07	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
134	EXIST. F (A1&A5)	137+30.24	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
135	EXIST. F (A2&A6)	135+68.58	LT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
136	H-2	138+29.81	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
137	H-1	136+54.40	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
138	EXIST. F (A1&A5)	140+55.18	RT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
139**	H-1	138+23.45	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
140	H-2	141+21.96	RT	0'	61W	14'	TOP MOUNT	66.2'	SHALLOW	715-516-615
141	EXIST. F (A2&A6)	139+11.31	LT	8'/4'	242W/27W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
142	H-2	141+54.62	RT	0'	61W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
143	EXIST. UNK.	140+61.40	LT	0'	61W	14'	TOP MOUNT	EXIST.	EXIST.	715-11-213
145	H-1	141+20.29	LT	0'	61W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
147	H-1	141+44.30	LT	0'	61W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
148	EXIST. C-18	110+34.12	RT	8'/4'	242W/27W	40'/22'	TEARDROP	207.6'	DRILL SHAFT	715-512-240
149	EXIST. C-18	110+56.04	RT	0'	61W	14'	TOP MOUNT	EXIST.	EXIST.	715-11-213
150	EXIST. C-18	110+97.63	RT	0'	61W	14'	TOP MOUNT	EXIST.	EXIST.	715-11-213
151	EXIST. D-14	116+91.50	RT	8'/4'	242W/27W	40'/22'	TEARDROP	324.8'	DRILL SHAFT	715-512-240
152	EXIST. UNK.	117+02.55	RT	0'	61W	14'	TOP MOUNT	EXIST.	EXIST.	715-11-213
153	EXIST. UNK.	117+08.32	RT	0'	242W/27W	40'/22'	TEARDROP	398.2'	DRILL SHAFT	715-512-240
154	EXIST. D-14	117+20.82	RT	0'	61W	14'	TOP MOUNT	EXIST.	EXIST.	715-11-213
155	EXIST. UNK.	117+84.82	RT	0'	61W	14'	TOP MOUNT	EXIST.	EXIST.	715-11-213

** HOUSE SIDE SHIELD
BSK: BACK OF SIDEWALK

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

LIGHTING DATA TABLE

SHEET NO.
L-5

LEGEND

SYMBOL	DESCRIPTION
	DECORATIVE LIGHT POLE COMPLETE, LED TEARDROP DECORATIVE LUMINAIRE, 40' MOUNTING HEIGHT, DESIGNED FOR ROADWAY TYPE III DISTRIBUTION, COLOR TEMPERATURE 4000K, WIRED FOR 240V OPERATION. THE LUMINAIRE USED AS A BASIS FOR DESIGN CONSISTS OF PHOTOMETRIC CURVE ESL2_MPL2_P60S_40K_XX_TG_3 (24,664 LUMENS). PROVIDE 7 PIN PHOTOCONTROL RECEPTACLE WITH SHORTING CAP.
	PEDESTRIAN LED TEARDROP DECORATIVE LUMINAIRE, 22' MOUNTING HEIGHT, DESIGNED FOR ROADWAY TYPE III DISTRIBUTION, COLOR TEMPERATURE 4000K, WIRED FOR 240V OPERATION. THE LUMINAIRE USED AS A BASIS FOR DESIGN CONSISTS OF PHOTOMETRIC CURVE ESPL2_P10_40K_XX_TG_4 (3,620 LUMENS) PROVIDE 7 PIN PHOTOCONTROL RECEPTACLE WITH SHORTING CAP.
	EXISTING DECORATIVE LIGHT POLE TO BE RETROFITTED, LED TEARDROP DECORATIVE LUMINAIRE, 40' MOUNTING HEIGHT, DESIGNED FOR ROADWAY TYPE III DISTRIBUTION, COLOR TEMPERATURE 4000K, WIRED FOR 240V OPERATION. THE LUMINAIRE USED AS A BASIS FOR DESIGN CONSISTS OF PHOTOMETRIC CURVE ESL2_MPL2_P60S_40K_XX_TG_3 (24,664 LUMENS). PROVIDE 7 PIN PHOTOCONTROL RECEPTACLE WITH SHORTING CAP.
	PEDESTRIAN LED TEARDROP DECORATIVE LUMINAIRE, 22' MOUNTING HEIGHT, DESIGNED FOR ROADWAY TYPE III DISTRIBUTION, COLOR TEMPERATURE 4000K, WIRED FOR 240V OPERATION. THE LUMINAIRE USED AS A BASIS FOR DESIGN CONSISTS OF PHOTOMETRIC CURVE ESPL2_P10_40K_XX_TG_4 (3,620 LUMENS) PROVIDE 7 PIN PHOTOCONTROL RECEPTACLE WITH SHORTING CAP.
	EXISTING LIGHT POLE TO BE RETROFITTED, LED COBRAHEAD LUMINAIRE, DESIGNED FOR ROADWAY TYPE IV DISTRIBUTION, COLOR TEMPERATURE 4000K, WIRED FOR 480V OPERATION. THE LUMINAIRE USED AS A BASIS FOR DESIGN CONSISTS OF PHOTOMETRIC CURVE ATB2_80BLEDE10_XXXXX_R4 (29,564 LUMENS).
	DECORATIVE PEDESTRIAN LIGHT POLE COMPLETE, LED TOP MOUNTED DECORATIVE LUMINAIRE, DESIGNED FOR ROADWAY TYPE III DISTRIBUTION, COLOR TEMPERATURE 4000K, WIRED FOR 240V OPERATION. THE LUMINAIRE USED AS A BASIS FOR DESIGN CONSISTS OF PHOTOMETRIC CURVE GVD3_P30_40K_XXXX_GL3LU (6,941 LUMENS). PROVIDE 7 PIN PHOTOCONTROL RECEPTACLE WITH SHORTING CAP.
	EXISTING DECORATIVE PEDESTRIAN LIGHT POLE TO BE RETROFITTED, LED TOP MOUNTED DECORATIVE LUMINAIRE, DESIGNED FOR ROADWAY TYPE III DISTRIBUTION, COLOR TEMPERATURE 4000K, WIRED FOR 240V OPERATION. THE LUMINAIRE USED AS A BASIS FOR DESIGN CONSISTS OF PHOTOMETRIC CURVE GVD3_P30_40K_XXXX_GL3LU (6,941 LUMENS). PROVIDE 7 PIN PHOTOCONTROL RECEPTACLE WITH SHORTING CAP.
	DECORATIVE PEDESTRIAN LIGHT POLE COMPLETE, LED TOP MOUNTED DECORATIVE LUMINAIRE, DESIGNED FOR ROADWAY TYPE III DISTRIBUTION, COLOR TEMPERATURE 4000K, WIRED FOR 240V OPERATION. THE LUMINAIRE USED AS A BASIS FOR DESIGN CONSISTS OF PHOTOMETRIC CURVE GVD3_P10_40K_XXXX_GL3LU (2,758 LUMENS). PROVIDE 7 PIN PHOTOCONTROL RECEPTACLE WITH SHORTING CAP.
	EXISTING LIGHT POLE AND LUMINAIRE TO REMAIN.
	EXISTING LIGHT POLE AND LUMINAIRE TO BE REMOVED.

SYMBOL	DESCRIPTION
	PROPOSED PULL BOX.
	2" SCHEDULE 40 HDPE CONDUIT, DIRECTIONAL BORED, WITH (3-WIRE SYSTEM THREE RHW2-XLP CIRCUIT CONDUCTORS) INSIDE CONDUITS: ONE WITH RED INSULATION, ONE WITH BLACK INSULATION, AND ONE WITH GREEN INSULATION.
	EXISTING CONDUIT TO REMAIN.
	PROPOSED LOAD CENTER.
	EXISTING LOAD CENTER TO REMAIN.

LIGHTING DESIGN CRITERIA

CONVENTIONAL ROADWAY		
ILLUMINATION LEVEL AVERAGE INITIAL	ILLUMINATION UNIFORM RATIOS (H.F.C.)	VEILING LUMINANCE RATIO
AVG: 1.5 STD. (H.F.C.)	AVG/MIN: 4:1 OR LESS MAX/MIN: 10:1 OR LESS	Lv(max)/Lavg: 0.3:1 OR LESS
SIGNALIZED INTERSECTION		
AVG: 1.5 STD. - 1.0 MIN. (H.F.C.) AVG: 1.5 STD. - 1.0 MIN. (V.F.C.)	AVG/MIN: 4:1 OR LESS MAX/MIN: 10:1 OR LESS	Lv(max)/Lavg: N/A
WIND SPEED: 160 MPH		

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FABRICIO M. SAVIO, P.E.
P.E. LICENSE NUMBER 77354
GANNETT FLEMING, INC.
800 NW 62ND AVE - SUITE 490
MIAMI, FLORIDA 33126

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

LIGHTING LEGEND

SHEET NO.
L-6

1"=50'

BEGIN LIGHTING
STA. 58+16.82
℄ SURVEY SR-5

BEGIN PROJECT
STA. 60+11.72
℄ SURVEY SR-5

RETROFIT EXIST.
LIGHT POLE NO. 1*
EXIST. CKT. A-3
STA. 59+55.52

RETROFIT EXIST.
LIGHT POLE NO. 3*
EXIST. CKT. UNK.
STA. 60+54.38

RETROFIT EXIST.
LIGHT POLE NO. 5*
EXIST. CKT. UNK.
STA. 60+60.34

PROPOSED 14'
LIGHT POLE NO. 7*
CKT. G-1
STA. 61+17.24

PROPOSED 14'
LIGHT POLE NO. 9
CKT. G-1
STA. 62+18.72

PROPOSED 14'
LIGHT POLE NO. 13
CKT. G-1
STA. 64+06.50

RETROFIT EXIST.
LIGHT POLE NO. 11
EXIST. CKT. B-5
STA. 63+02.53

EXIST. CONDUIT
AND CONDUCTORS
TO REMAIN (TYP.)

R/W LINE

PEMBROKE RD

FLETCHER ST

MOFFETT ST

N.E. 4TH ST.

SR 5/US-1/S FEDERAL HWY

EXISTING 1-2" HDPE CONDUIT

CITY OF HOLLYWOOD PUBLIC UTILITIES W&S

CROWN CASTLE FIBER
1.5" HDPE CONDUITS

TECO 6" STEEL

FPL BE 13KV

1 RUN @ 105'
2#6
1#6 GRD.

(1) NEW LIGHTING
PULL BOX

1 RUN @ 190'
2#6
1#6 GRD.

1 RUN @ 30'
2#6
1#6 GRD.

1 RUN @ 70'
2#6
1#6 GRD.

1 RUN @ 100'
2#4 (120V)
2#4 (240V)
1#6 GRD.

PROPOSED 40'/22'
LIGHT POLE NO. 2*
EXIST. CKT. A-4
STA. 59+13.70

1 RUN @ 170'
2#6
1#6 GRD.

1 RUN @ 75'
2#6
1#6 GRD.

1 RUN @ 90'
2#6
1#6 GRD.

1 RUN @ 35'
2#6
1#6 GRD.

PROPOSED 14'
LIGHT POLE NO. 10
CKT. G-2
STA. 62+34.40

PROPOSED 14'
LIGHT POLE NO. 12
CKT. G-2
STA. 63+17.22

RETROFIT EXIST.
LIGHT POLE NO. 8*
EXIST. CKT. B-6
STA. 61+49.27

PROPOSED 14'
LIGHT POLE NO. 4*
CKT. G-2
STA. 60+38.91
59.4' (RT)

EXIST. CONDUIT
AND CONDUCTORS
TO REMAIN (TYP.)

MATCH LINE STA. 64+40.00

58 59 60 61 62 63 64

N.T.S

EXIST. LOAD CENTER "A"
TO REMAIN
120/240V
1 PHASE
3 WIRES
CKTS. 1, 2, 3, 4
MAINTAINED BY THE CITY
OF HALLANDALE BEACH

*PROPOSED IMPROVEMENTS TO BE
INCLUDED UNDER FPID 441582-1-52-02

REVISIONS			
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SR 5	BROWARD	441582-1-52-01

LIGHTING PLAN

SHEET NO.
L-7

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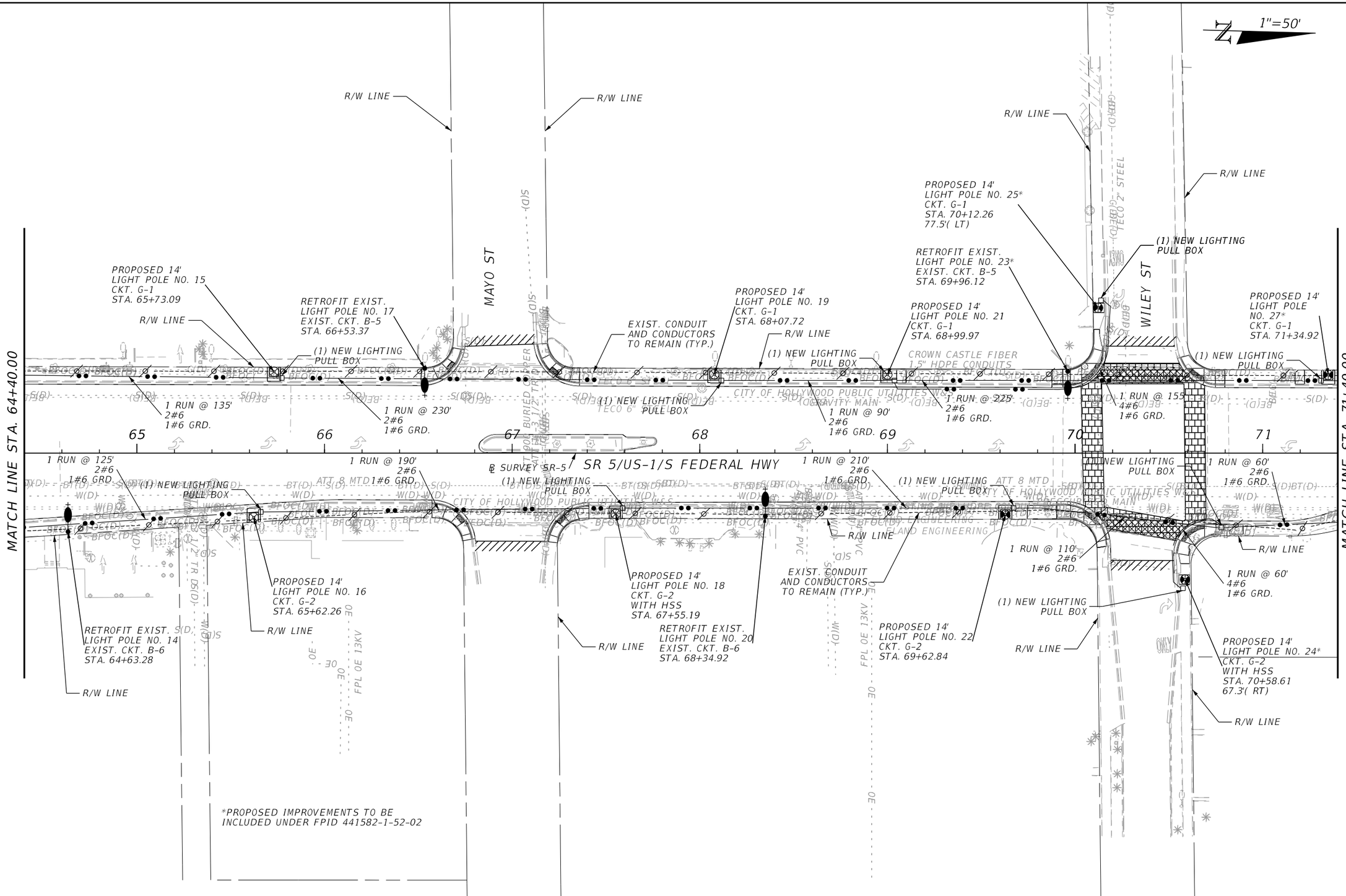

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SR 5	BROWARD	441582-1-52-01

LIGHTING PLAN

SHEET NO.
L-8

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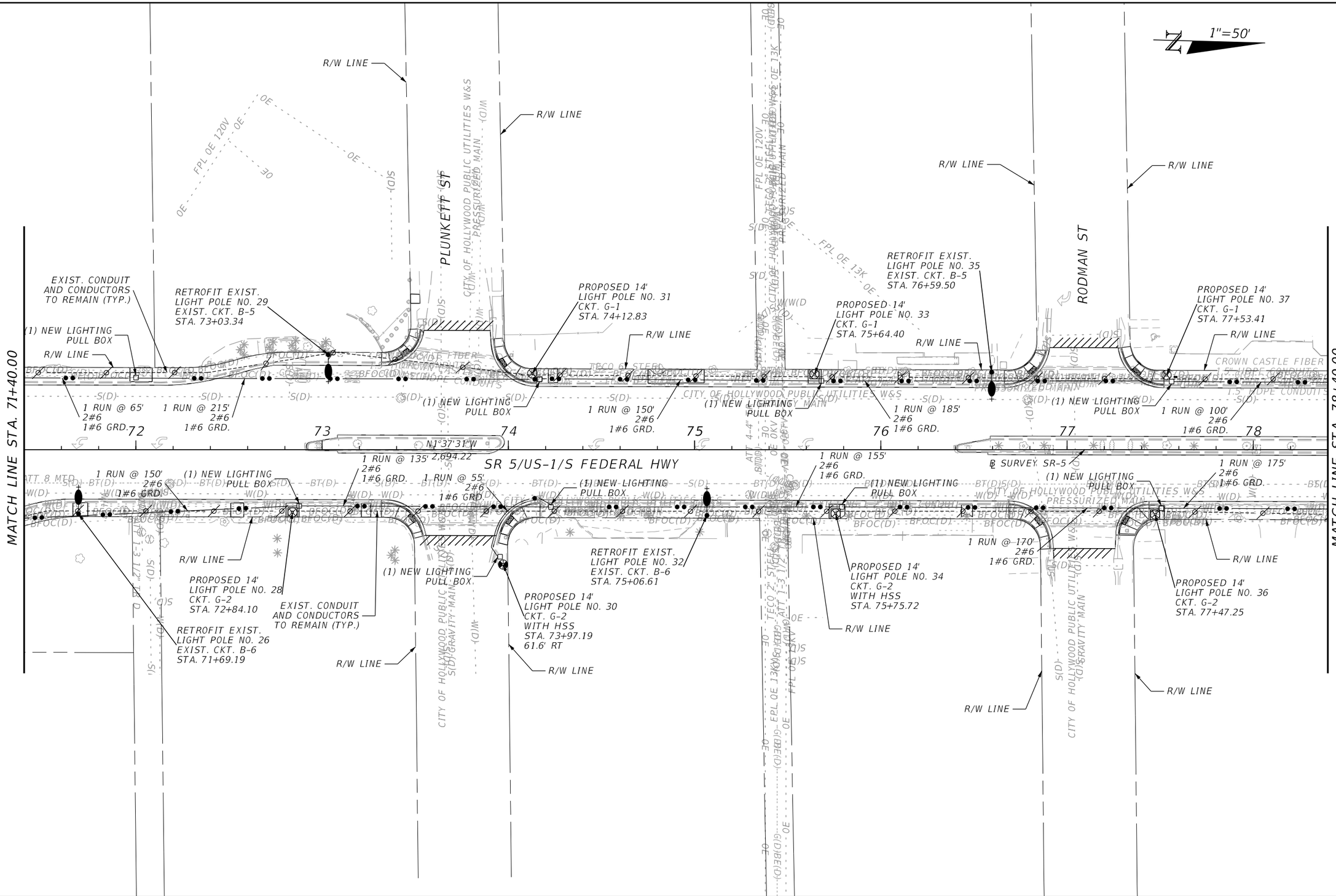

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SR 5	BROWARD	441582-1-52-01

LIGHTING PLAN

SHEET NO.
L-9

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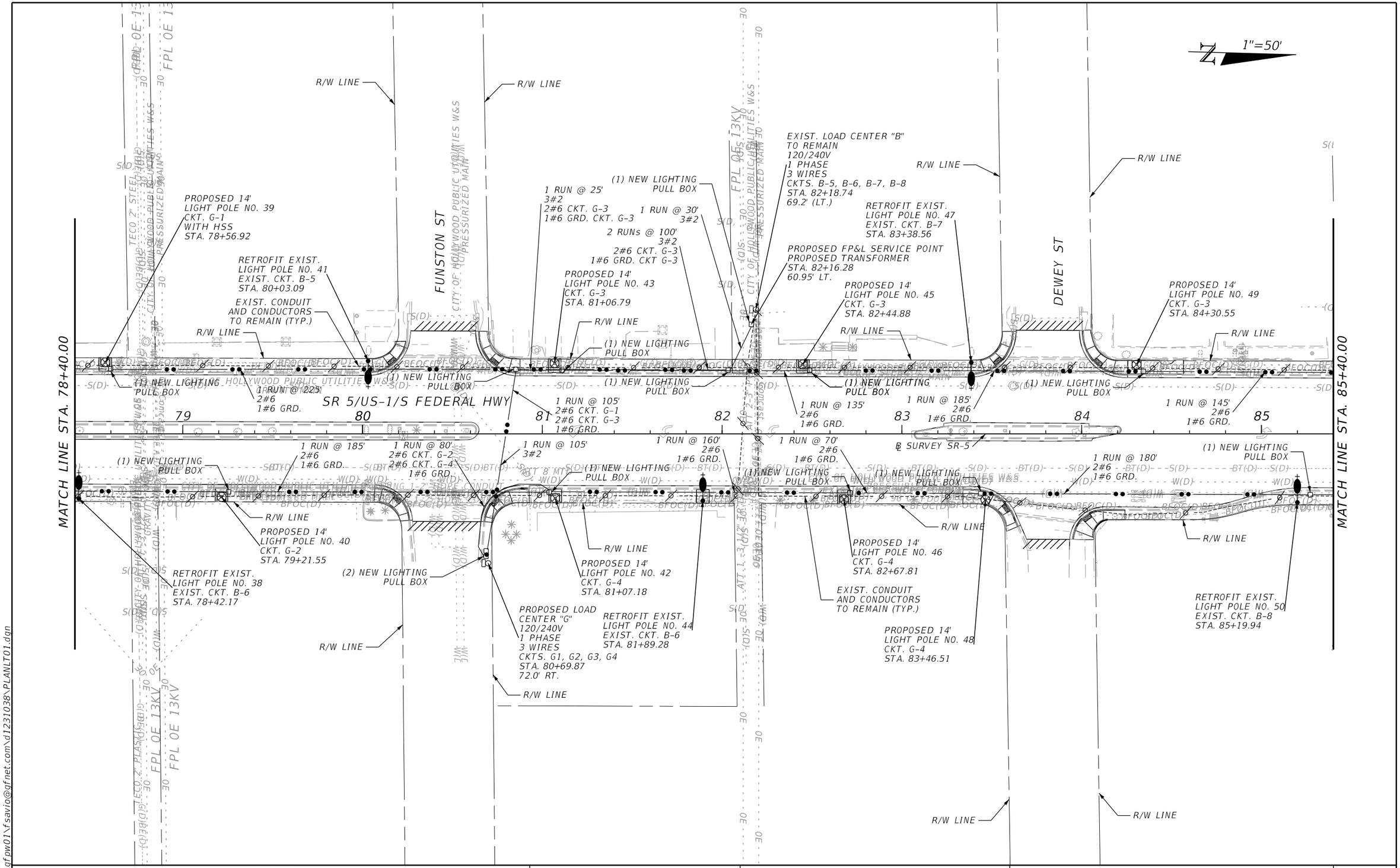

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LIGHTING PLAN

SHEET NO.
L-10

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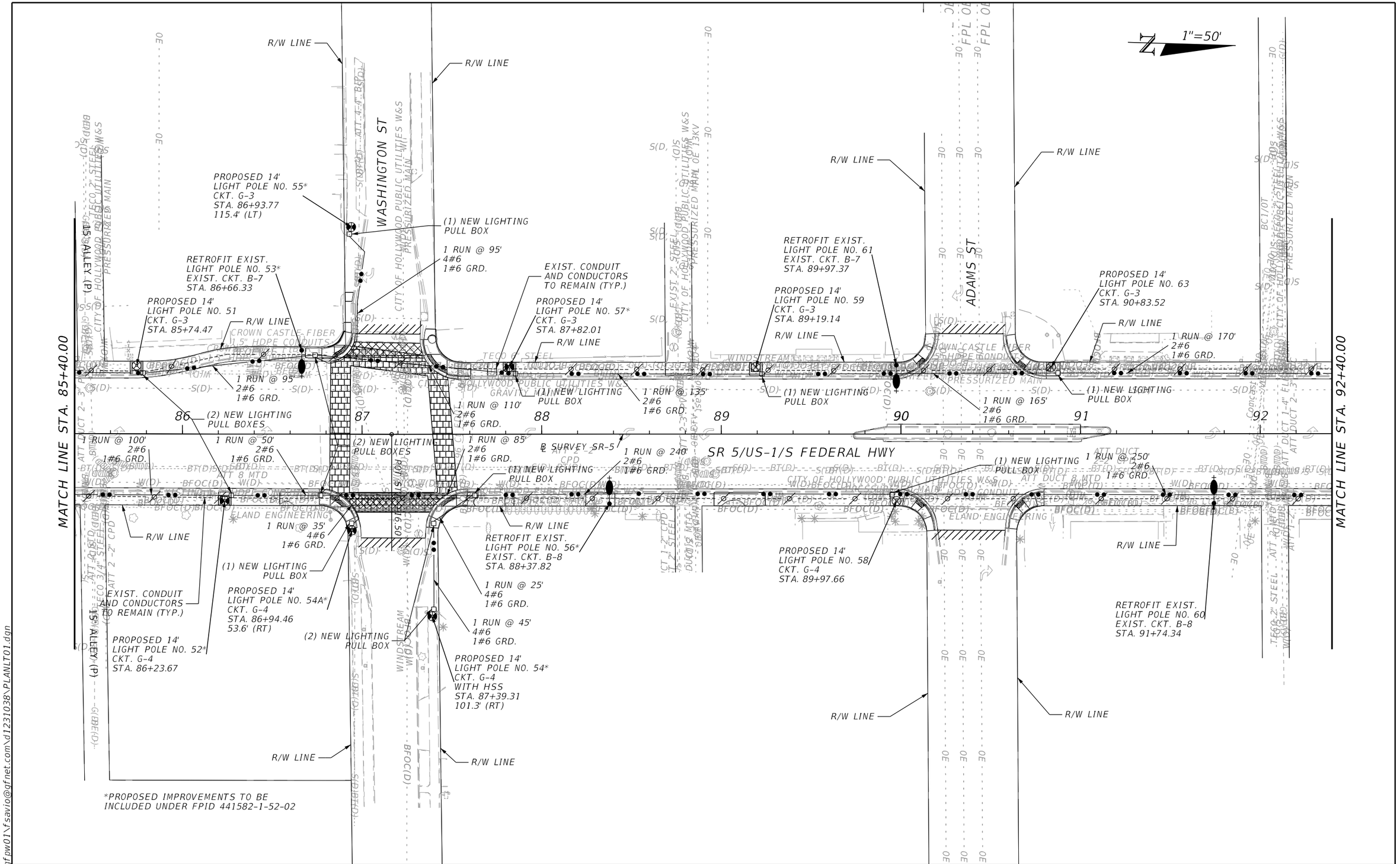

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SR 5	BROWARD	441582-1-52-01

LIGHTING PLAN

SHEET NO.
L-11

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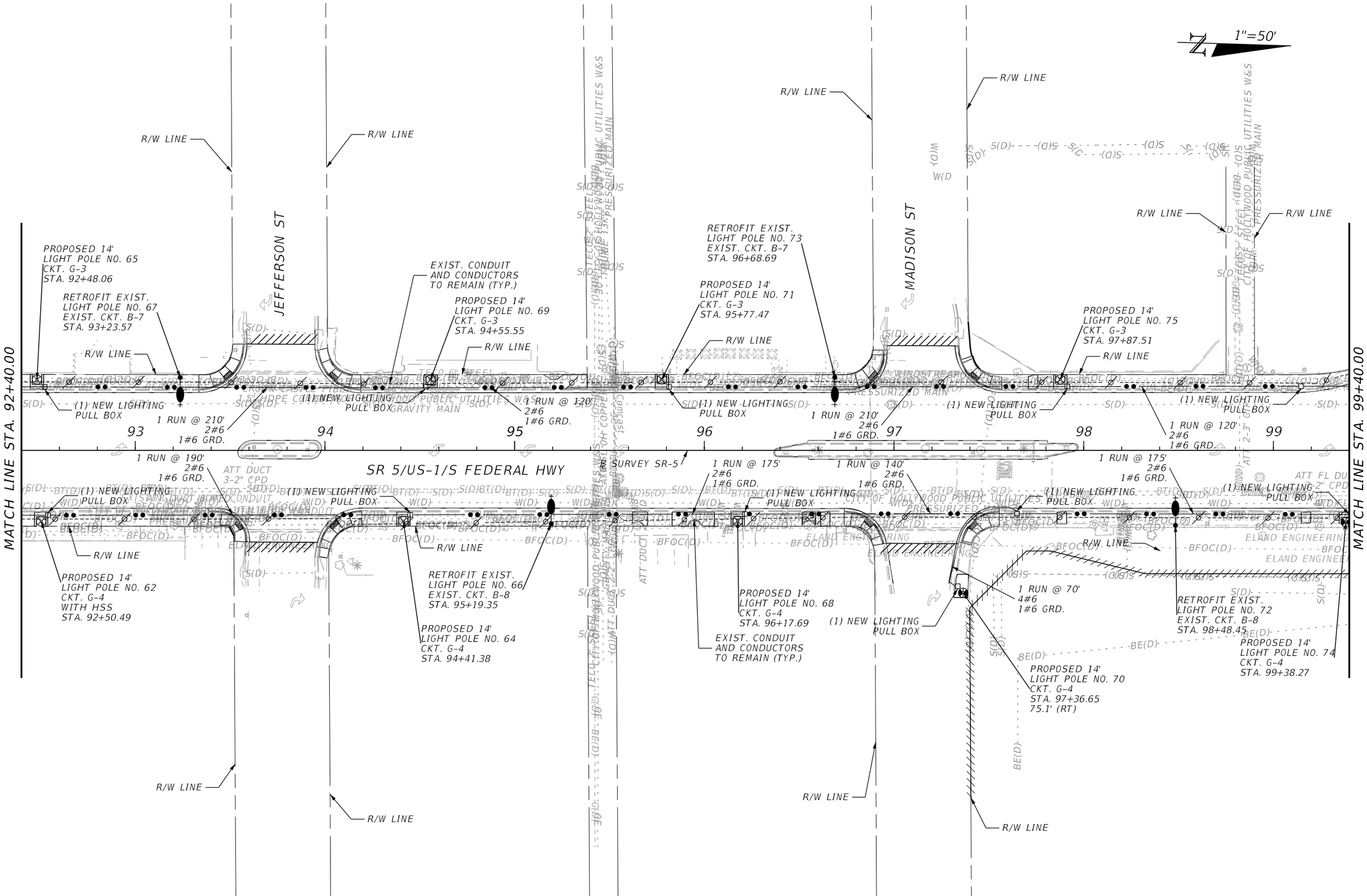

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

LIGHTING PLAN

SHEET NO.
L-12

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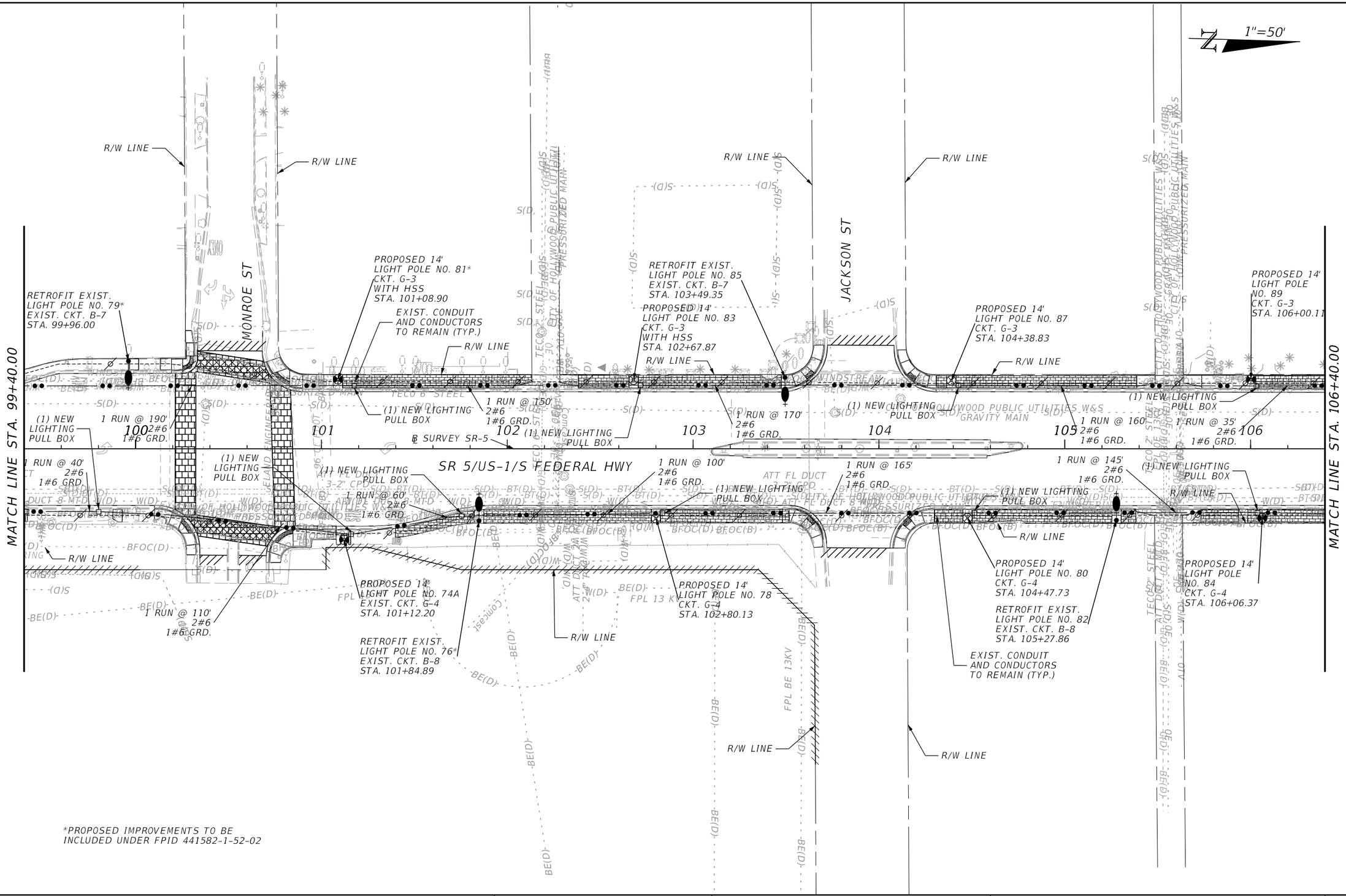

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FABRICIO M. SAVIO, P.E.
P.E. LICENSE NUMBER 77354
GANNETT FLEMING, INC.
800 NW 62ND AVE - SUITE 490
MIAMI, FLORIDA 33126

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

LIGHTING PLAN

SHEET NO.
L-13

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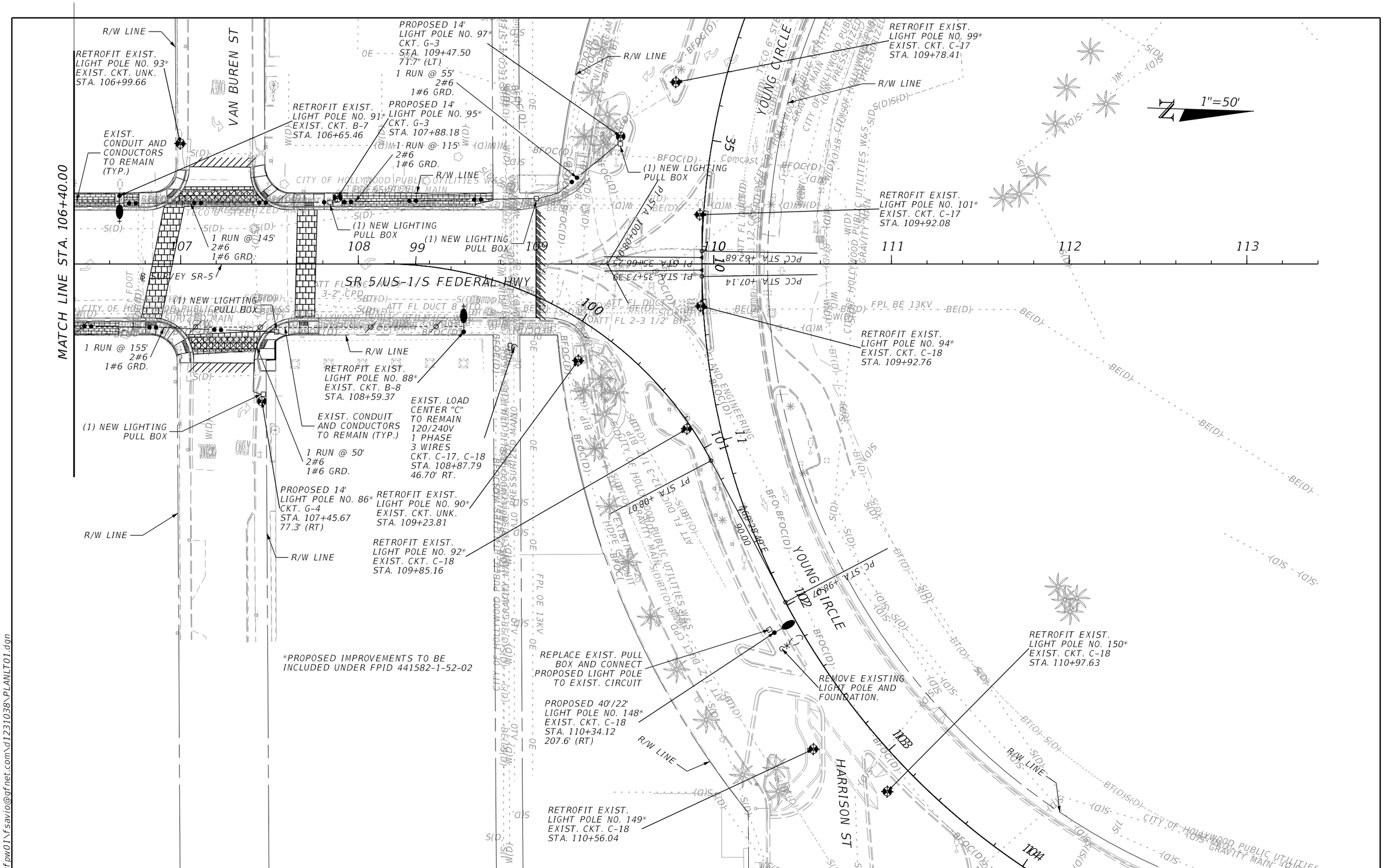

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LIGHTING PLAN

SHEET NO.
L-14

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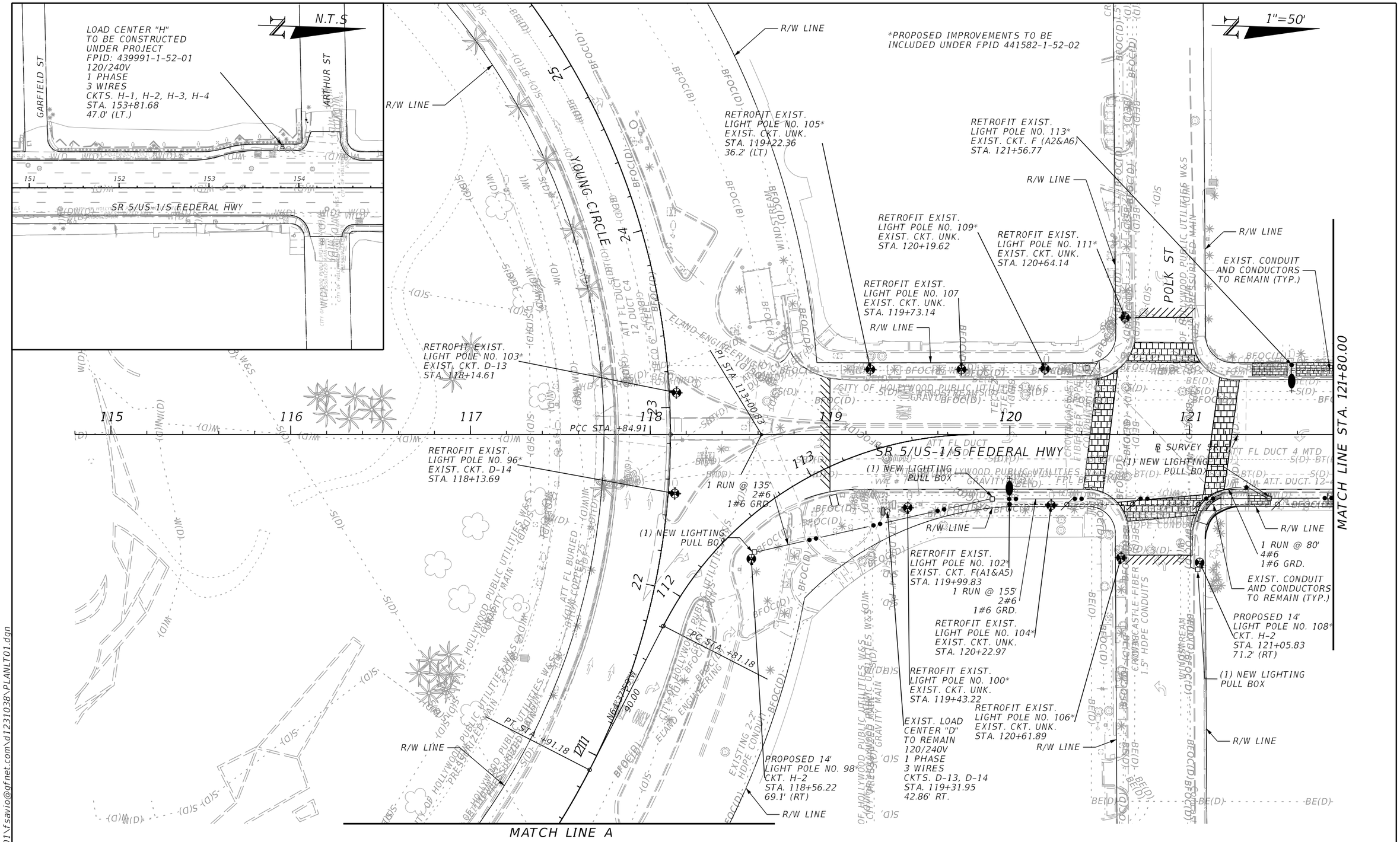

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LIGHTING PLAN

SHEET NO.
L-15

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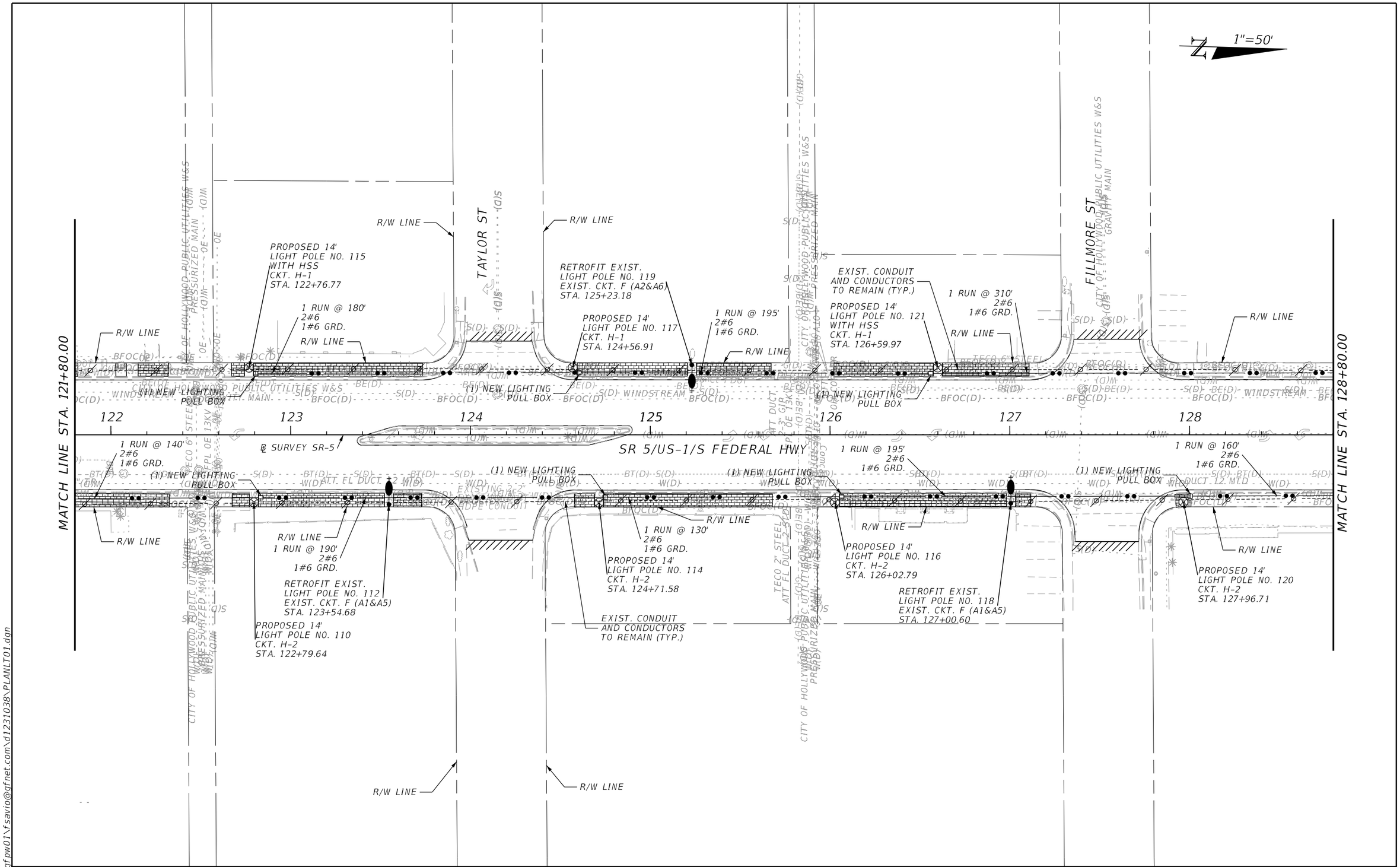

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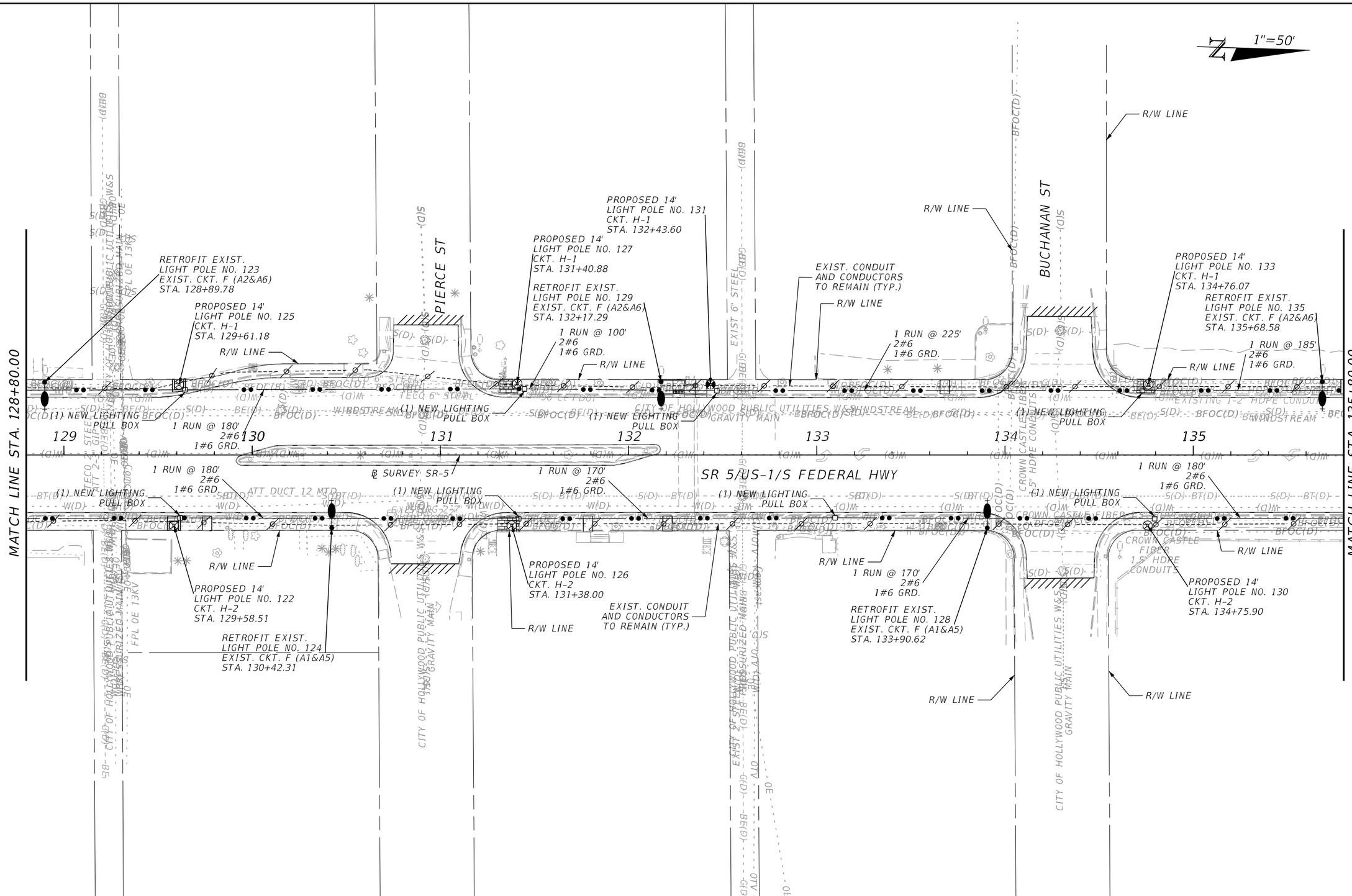
SR 5	BROWARD	441582-1-52-01

LIGHTING PLAN

SHEET NO.
L-16



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LIGHTING PLAN

SHEET NO.
L-17

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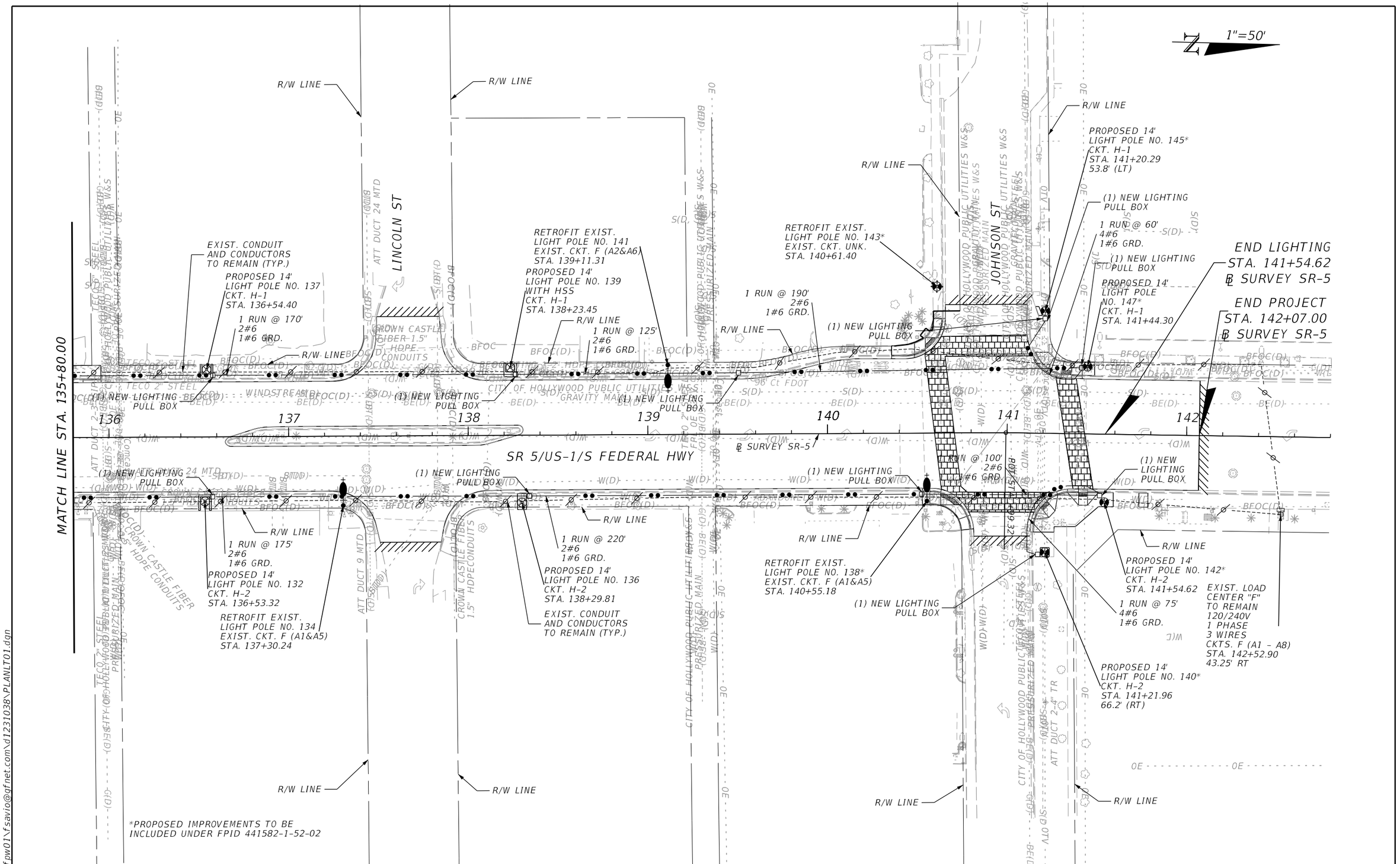

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LIGHTING PLAN

SHEET NO.
L-18

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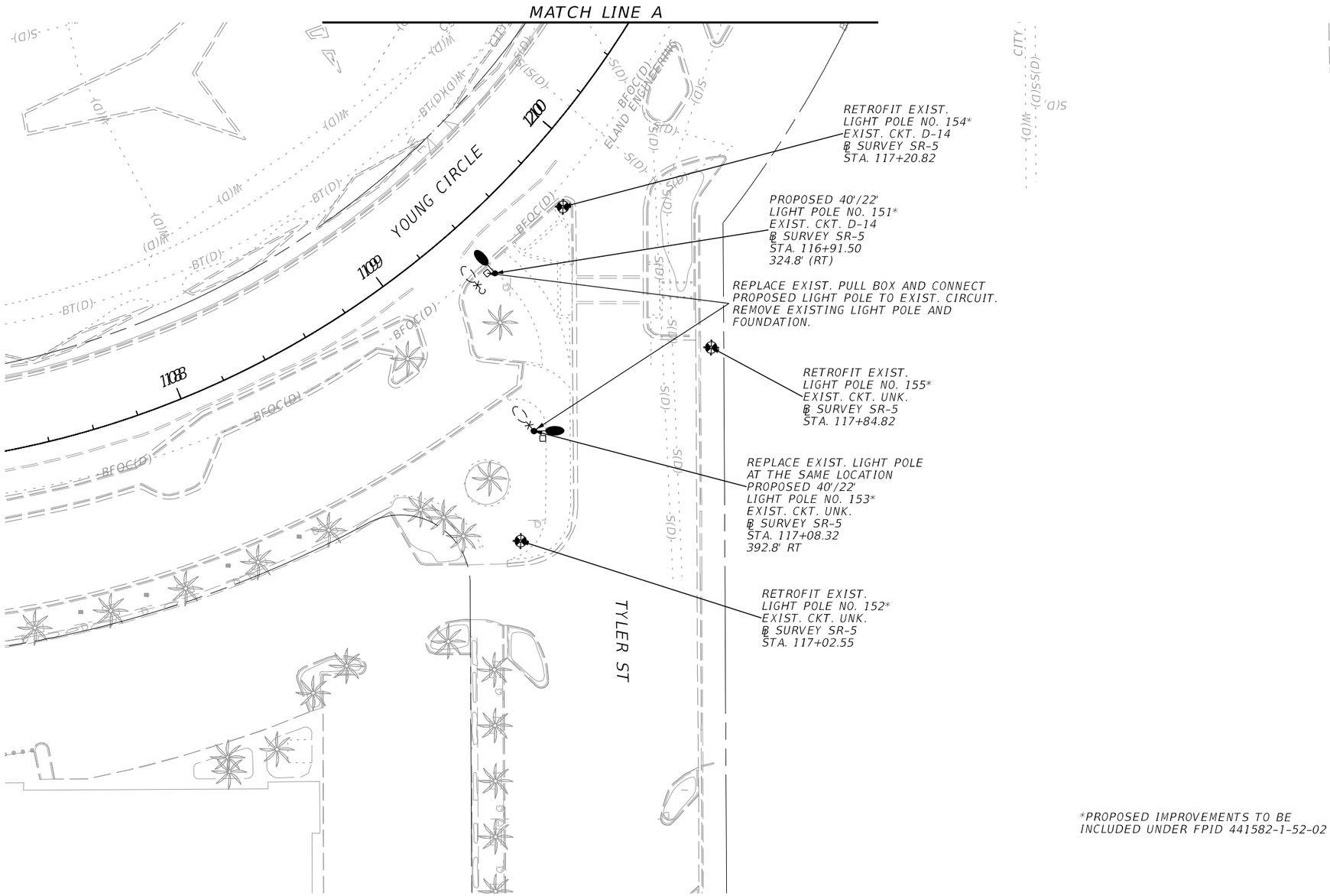

*PROPOSED IMPROVEMENTS TO BE
INCLUDED UNDER FPID 441582-1-52-02

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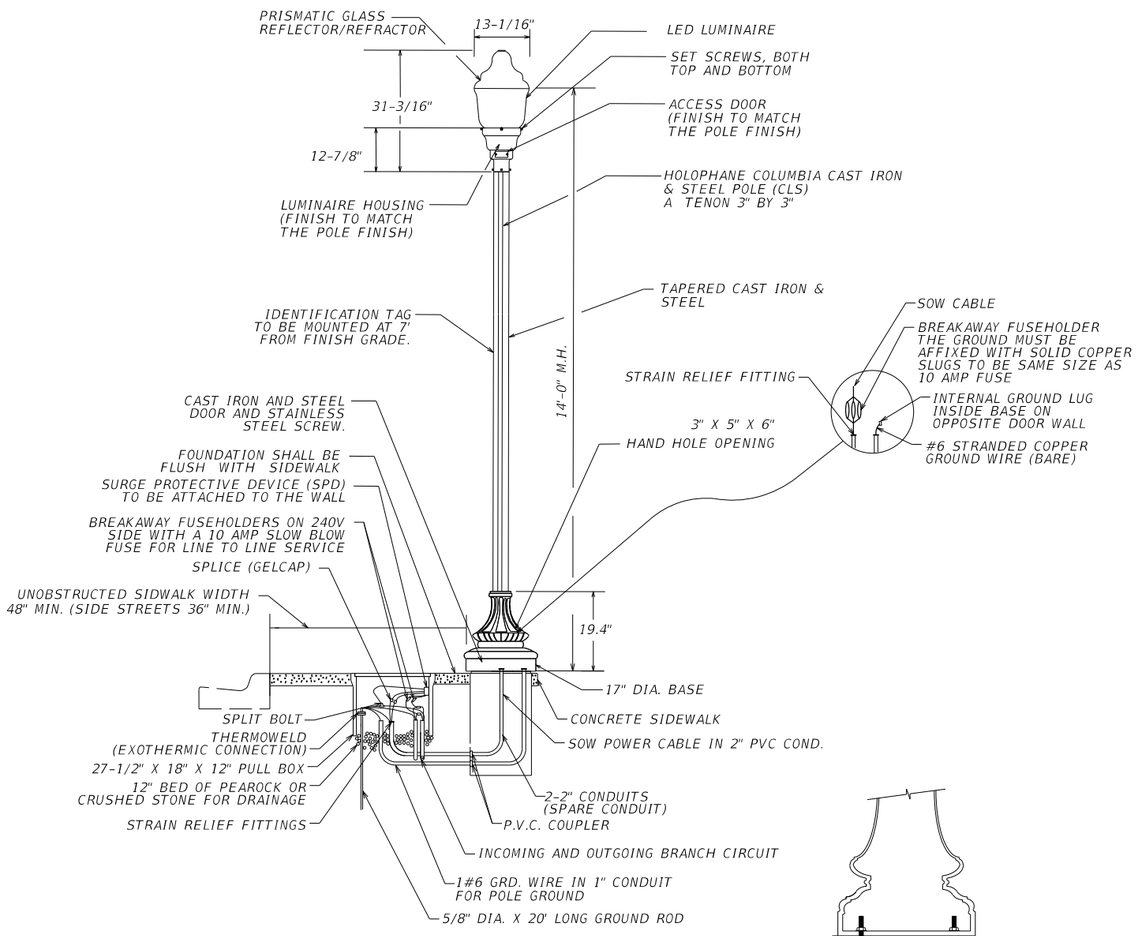
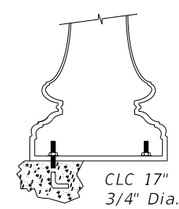
LIGHTING PLAN

SHEET NO.
L-19

LIGHTING POLE DETAIL
3-WIRES SYSTEM



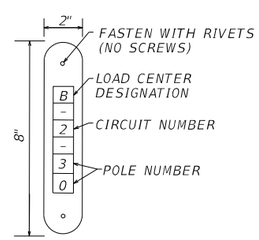
NEW TOP MOUNTED POLE DETAIL
NTS
BID ITEM 715-516-615



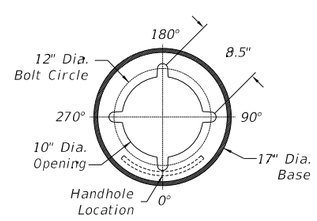
CLC 17"
3/4" Dia.
Hot Dip Galvanized
L-type Anchor Bolts
(4 per Post)

NOTE:

PULL BOX TO BE PLACED IN FRONT OF THE PROPOSED LIGHT POLE WHEN POSSIBLE.



POLE IDENTIFICATION TAG DETAIL



BASE PLATE/ANCHORAGE GUIDE DETAIL
NTS

GENERAL DESCRIPTION

LUMINAIRE

TRADITIONAL ACORN-SHAPED LUMINAIRE SHALL BE LED FOR NEW 12 FOOT POLES, TOP MOUNTED, GRANVILLE CLASSIC UTILITY LED3, MODERN STYLE SWING OPEN DESIGN, BLACK COLOR, MATCHING POLE. IT SHALL BE UL OR CSA LISTED AND LM79 COMPLIANT.

OPTICAL SYSTEM:

THE OPTICAL SYSTEM SHALL BE IP66 RATED AND CONSIST OF A PRECISELY MOLDED THERMAL RESISTANT BOROSLICATE GLASS REFRACTOR AND TOP REFLECTOR MOUNTED WITHIN THE DECORATIVE GLASS OPTIC. THE TOP REFLECTOR SHALL REDIRECT OVER 50% OF THE UPWARD LIGHT INTO THE CONTROLLING REFRACTOR WHILE ALLOWING A SOFT UP-LIGHT COMPONENT TO DEFINE THE THE TRADITIONAL ACORN SHAPE OF THE LUMINARIE.THE LOWER REFRACTOR SHALL USE THE PRECISELY MOLDED PRISMS TO MAXIMIZE TH POLE SPACINGS WHILE MAINTAINING UNIFORM ILLUMINANCE. REFRACTORS SHALL MEET IES TYPE III DISTRIBUTION.

ELECTRICAL ASSEMBLY:

THE ELECTRICAL COMPONENTS SHALL BE MOUNTED ON AN ALUMINUM PLATE THAT IS REMOVEABLE WITH MINIMUM USE OF TOOLS. A MATCHING FIVE CONDUCTOR PLUG CONNECTS TO THE RECEPTACLE IN THE LUMINAIRE HOUSING TO COMPLETE THE WIRING. THE ELECTRICAL MODULE IS PROVIDED WITH AN EEI-NEMA TWIST-LOCK PHOTOCELL RECEPTACLE FOR PHOTOELECTRIC OPERATION.

CONTROL OPTION:

THE CONTROL OPTION SHALL BE NEMA TWISTLOCK DIMMING PHOTOCONTROL 7 PIN RECEPTACLE WITH SHORTING CAP.

DRIVER:

FACTORY PROGRAMMABLE ELECTRONIC DRIVER WITH 0-10V DIMMING CONTROL LEADS.

FINISH/MATERIAL:

THE LUMINAIRE IS FINISHED WITH POLYESTER POWER COAT PAINT. LUMINAIRE HOUSING SHALL BE HEAVY GRADE A360 CAST ALUMINUM (ALUMINUM WITH LESS THAN 1% COPPER).

POLE

A) POLE SHAFT SHALL BE ALL CAST IRON & STEEL OR CAST IRON CONSTRUCTION, MASSIVELY TAPERED WITH A DEEP FLUTED PATTERN ON THE SHAFT AND BASE WITH AN STEEL TENON AT THE TOP TERMINATING 3" X 3" LONG AND A STEEL BOTTOM CAP. THE POST SHALL BE 12' IN HEIGHT WITH A 17" DIAMETER BASE. THE SHAFT SHALL TAPER FROM A 7" DIAMETER AT THE TOP OF THE BASE TO 4.5" DIAMETER AT THE TOP MOUNTING. THE POST TOP SHALL INCLUDE A TRANSITIONAL DONUT BETWEEN THE FLUTED SHAFT AND THE TENON.

B) POLE BASE SHALL BE A 17" DIA. ROUND WITH A DEEP FLUTED PATTERN, ASTM A48, CLASS 30 CAST IRON AND WITH A 3" X 5" X 6" HAND HOLE OPENING. ALL EROISED HARDWARE SHALL BE NE TAMPER RESISTANT STAINLESS STEEL. ANCHOR BOLTS TO BE COMPLETELY HOT DIP GALVANIZED. PARTIALLY GALVANIZED BOLTS ARE NOT ACCEPTABLE.

C) POLE DESIGN AND COLOR (BLACK) SHALL MATCH EXISTING TOP MOUNTED LIGHT POLE ALONG PROJECT.

SHOP DRAWINGS

PROVIDE SIGNED AND SEALED STRUCTURAL PLANS AND CALCULATIONS FOR THE ENTIRE DECORATIVE LIGHTING SYSTEM, INCLUDING THE CONNECTIONS DESIGN (LUMINAIRE-TO-ARM, ARM-TO-UPRIGHT, AND UPRIGHT-TO-FOUNDATION CONNECTIONS). PROVIDE PLANS AND CALCULATIONS SIGNED AND SEALED BY A FLORIDA-LICENSED PROFESSIONAL ENGINEER WHICH DEMONSTRATE THAT THE DECORATIVE LIGHT FIXTURES HAVE BEEN DESIGNED IN ACCORDANCE WITH THE LATEST VERSION OF AASHTO LRFDLTS AS MODIFIED BY THE PROVISIONS OF THE FDOT STRUCTURES MANUAL VOLUME 3.

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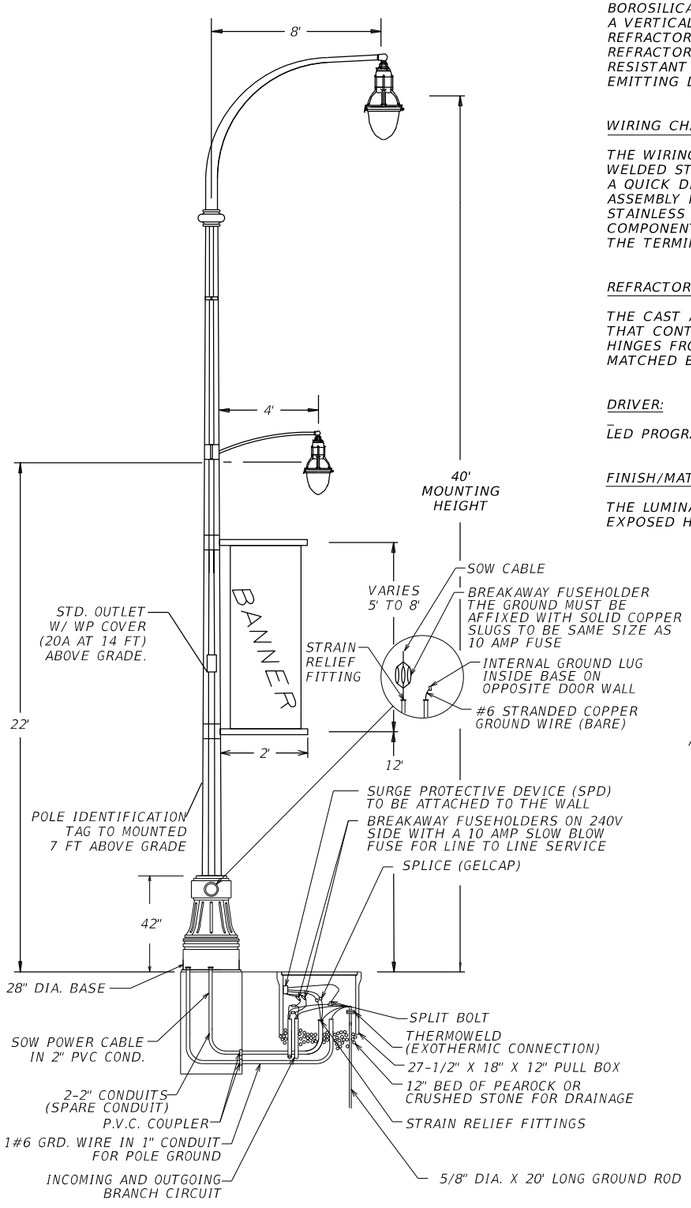
SR 5	BROWARD	441582-1-52-01

LIGHT POLE DETAIL

SHEET NO.
L-20



DECORATIVE POLE, ARM, AND LUMINAIRES (NTS)

BID PAY ITEM 715-512-240

LUMINAIRE:

THE LUMINAIRES SHALL BE HOLOPHANE ESPLANADE TEARDROP LARGE ROADWAY LED PENDENT AND ESPLANADE PEDESTRIAN TEARDROP ASYMMETRIC GLASS LED. COLOR SHALL BE BLACK MATCHING POLE.

OPTICAL SYSTEM:

OPTICAL SYSTEM SHALL MEET IES TYPE III/SHORT CUTOFF DISTRIBUTION. A THERMAL RESISTANT, BOROSILICATE GLASS REFRACTOR AND AN ANODIZED BRIGHTENED REFLECTOR SHALL BE USED WITH A VERTICAL LAMP ORIENTATION TO ACHIEVE THE SPECIFIED LIGHT DISTRIBUTION. THE ELECTRICAL/ REFRACTOR ASSEMBLY SHALL HINGE DOWN TO PROVIDE ACCESS TO THE ELECTRICAL MODULE. THE REFRACTOR ASSEMBLY HINGES FROM THE ELECTRICAL/REFRECTOR ASSEMBLY AND IS LATCHED BY A TAMPER-RESISTANT COLOR MATCHED BRACKET AND WITH NUT ASSEMBLY. LAMPS SHALL BE 242 & 23 WATT LIGHT EMITTING DIODE (LED). LAMP SHALL BE HOLOPHANE OR APPROVED EQUAL.

WIRING CHAMBER AND ELECTRICAL/REFLECTOR ASSEMBLY:

THE WIRING CHAMBER HAS EITHER A 1.50 INCH NPT WITH A STAINLESS STEEL SET SCREW OR A WELDED STEM. A TRHEE STATION TERMINAL BLOCK WHICH WILL ACCEPT #14 THRU #2 WIRE SIZES WITH A QUICK DISCONNECT HARNESS WITH REMOVABLE ELECTRICAL MODULE. THE ELECTRICAL/REFLECTOR ASSEMBLY HINGES DOWN FROM THE WIRING CHAMBER. THE ASSEMBLY IS SECURED IN PLACE BY A STAINLESS STEEL LATCH. THE UNITIZED ELECTRICAL MODULE CONSISTS OF THE ELECTRIC DRIVER AND COMPONENTS MOUNTED TO AN ALUMINUM PLATE. THE DISCONNECT PLUG CONNECTS THE DRIVER TO THE TERMINAL BLOCK IN THE WIRING CHAMBER.

REFRACTOR/DOOR ASSEMBLY:

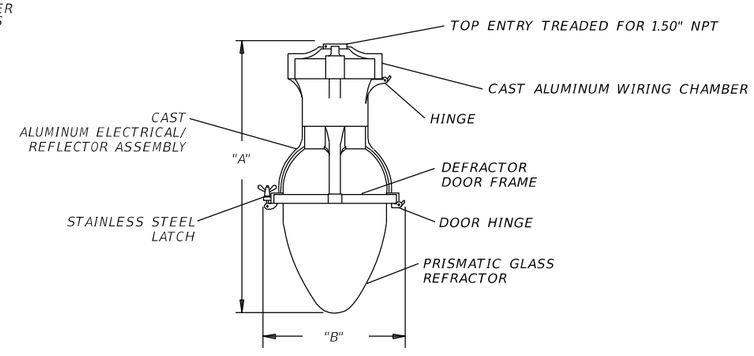
THE CAST ALUMINUM DOOR SUPPORTS A TEARDROP THERMAL RESISTANT BOROSILICATE GLASS REFRACTOR THAT CONTROLS THE LIGHT TO PROVIDE AN I.E.S ASYMMETRIC DISTRIBUTION. THE REFRACTOR ASSEMBLY HINGES FROM THE ELECTRIC/REFLECTOR ASSEMBLY AND IS LATCHED BY A TAMPER-RESISTANT, COLOR MATCHED BRACKET AND WITH NUT ASSEMBLY.

DRIVER:

LED PROGRAMMABLE DIMMABLE DRIVER LOCATED IN THE UPPER ELECTRICAL HOUSING.

FINISH/MATERIAL:

THE LUMINAIRE IS FINISHED WITH SUPER DURABLE CORROSION RESISTANCY RAL PAINT 80% GLASS. ALL EXPOSED HARDWARE ARE STAINLESS STEEL.



LUMINAIRE TYPE	DIM. "A"	DIM. "B"
ROADWAY TEARDROP	2'-10"	1'-7"
PEDESTRIAN TEARDROP	2'-2"	1'-2"

TEARDROP LUMINAIRE DETAIL

POLE:

POLE SHALL BE VALMONT 34' DECORATIVE GALVANIZED STEEL POLE CATALOG NUMBER: RTFS 34 10 H10 FST 2BA HDG BK KPXXXY RFD325930 WITH HOLOPHANE ATLANTA CLAMSHELL BASE. 4.5" O.D. (4" SCHEDURE 80 STD. PIPE) POLE TOP TENON. A 12-FLAT FLUTE, TAPERED STEEL SHAFT WITH A STEEL ANCHOR PLATE, ARCHED 8 FT. AND 4 FT. SINGLE ARMS, 2 BANNER ARM BRACKETS WITH BANNER ARMS, AND A DUPLEX GFI RECEPTACLE WITH WHEATHER-PROOF COVER. THE POLE COLOR SHALL BE A BLACK POWDER COAT FINISH.

MATERIALS:

TAPERED TUBES: A595 GRADE A OR A572.
POLE BASE: A36
ANCHOR BOLTS: F1554 GRADE 55
HARDWARE AND COATING: HOT DIP ZINC.

DIMENSIONS:

THE POLE SHALL BE 42 FT. IN HEIGHT WITH A 28" DIAMETER BY 42" TALL BASE. BREAKAWAY BANNER ARM DESIGNED TO BREAKAWAY AT A 42 MPH WIND SPEED WITH A BANNER SIZE OF 24" WIDE X 48" LONG. HANDHOLE TO BE LOCATED ON POLE SHAFT CENTERED NEAR 18" FROM BOTTOM OF BASE. FLUTTING SHOULD START 2" - 3" ABOVE TOP OF CSB.

ARM:

THE ROADWAY ARMS SHALL BE ALL ALUMINUM, ONE-PIECE CONSTRUCTION. THE ARMS SHALL CONSIST OF A DECORATIVE CLAM SHELL POST MOUNTING PIECE, A BENT TUBE ARM WELDED TO A CROSSARM POST TOP MOUNTING BRACKET, FLAT BAR DECORATIVE SCROLLS, AND POST CLAMPS. THE ARM SHALL TERMINATE WITH A STRAIGHT HORIZONTAL SECTION OF PIPE. ALL WELDING SHALL BE PER ANSI/AWS D1.2-90. ALL WELDERS SHALL BE CERTIFIED PER ANSI/AWS D1.2/2-90 SECTION 5.

MATERIALS:

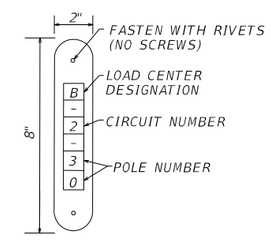
THE POST MOUNTING PIECE SHALL BE HEAVY WALL, CAST ALUMINUM PRODUCED FROM CERTIFIED ASTM 356.1 INGOT PER ASTM B179-95a OR ASTM B26-95. THE BENT ARM, SCROLL PIECES AND POST CLAMP SHALL BE ALUMINUM, ASTM 6061 ALLOY, HEAT TREATED OR A T6 TEMPER. ALL HARDWARE SHALL BE STAINLESS STEEL.

INSTALLATION:

THE ARMS MOUNTING BRACKET WILL BOLT TO THE POST TOP MOUNTING BRACKET AND BE CONCEALED BY A DECORATIVE CLAM SHELL. THE DECORATIVE CLAM SHELL POST MOUNTING PIECE SHALL FASTEN AROUND THE TWO MOUNTING PLATES. THE SCROLL SHALL CLAMP TO THE POST.

FINISH:

SYSTEM: FINISH PAINTED (FPGV)
BASE COAT: HOT-DIP GALVANIZED TO ASTM A123
PRIME COAT: NONE
FINISH COAT: TGIC OR URETHANE POLYESTER POWDER
COLOR: HOLOPHANE BLACK
SPEC: F-283A



POLE IDENTIFICATION TAG DETAIL

SHOP DRAWINGS

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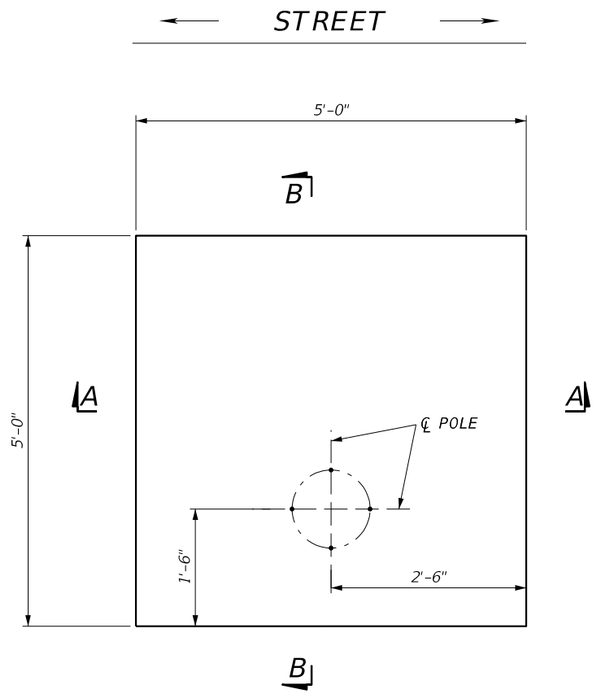
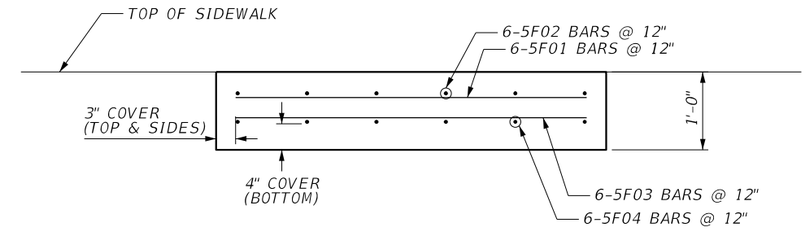
LIGHT POLE DETAIL

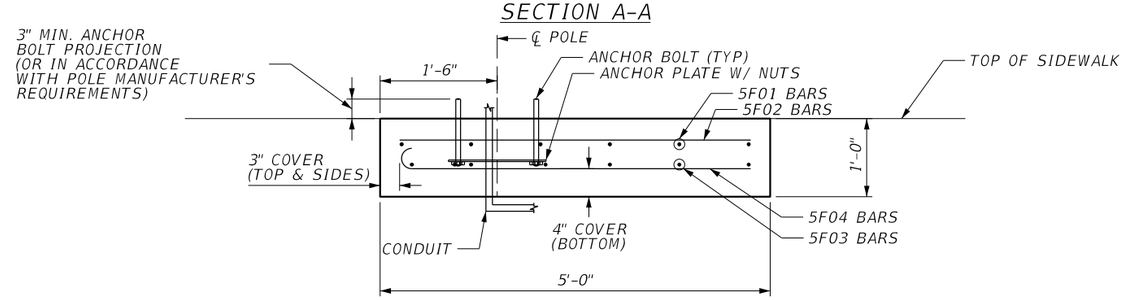
SHEET NO.
L-21



PLAN
SPREAD FOOTING FOUNDATION



SECTION A-A



SECTION B-B

SOIL PARAMETERS:

FRICTION ANGLE: 29 DEGREES
SOIL EFFECTIVE UNIT WEIGHT: 42.6 PCF
SOIL SUBMERGED UNIT WEIGHT: 105 PCF
ULTIMATE BEARING CAPACITY: 1300 PSF

DESIGN LOADS:

POLE MOUNTING HEIGHT = 14'
AXIAL DEAD LOAD: 228 LBS
WIND LOAD MOMENT (TRANSVERSE): 3061 LB-FT
WIND LOAD MOMENT (LONGITUDINAL): 3061 LB-FT
SHEAR (TRANSVERSE): 458 LBS
SHEAR (LONGITUDINAL): 458 LBS

NOTES:

1. DESIGN SPECIFICATIONS: FDOT STRUCTURES MANUAL JANUARY 2021. AASHTO LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS, 1ST ED WITH ALL INTERIMS
2. CONCRETE: CLASS II CONCRETE F'C=3400 PSI MIN 28 DAY COMP. STRENGTH.
3. ANCHOR BOLTS: MATERIAL IN ACCORDANCE WITH STANDARD PLANS INDEX NO. 715-002: ASTM F1554 GRADE 55, GALVANIZE PER ASTM F2329. DIAMETER, PROJECTION, ANCHORAGE DETAILS, AND BOLT CIRCLE DIMENSIONS AS PER POLE MANUFACTURER SPECIFICATIONS.
4. ALL CONDUITS SHALL BE P.V.C SCHEDULE 40.
5. SHOP DRAWINGS SHALL INCLUDE CALCULATIONS AS SPECIFIED IN STANDARD PLANS INDEX 715-002.
6. WORK THIS SHEET IN CONJUNCTION WITH LIGHTING PLANS.
7. WORK BAR SCHEDULE WITH FDOT STANDARD PLANS INDEX 415-001.

ESTIMATED QUANTITIES
(EACH FOOTING) (FOR INFORMATION ONLY)

ITEM	UNIT	QTY.
CLASS II CONCRETE	C.Y.	1.0
REINFORCING STEEL (SUBSTRUCTURE)	LB.	116
ANCHOR BOLTS	E.A.	4

BAR SCHEDULE

MARK		LENGTH	NO	TYP	STY		B	C	D	E	F	H	J	K	N	Ø
SIZE	DES	FT IN	BARS	BAR	A	G	FT IN FR	FT IN FR	FT IN FR	FT IN FR	FT IN FR	FT IN FR	FT IN FR	FT IN FR	NO	ANG
LOCATION SPREAD FOOTING											NO. REQUIRED = 71					
5	F01	4- 6	6	1			4- 6									
5	F02	4- 6	6	1			4- 6									
5	F03	4- 6	6	1			4- 6									
5	F04	5- 1	6	17	1		4- 6									
END OF LIST																

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

RAY T. STAUFFER, P.E.
P.E. LICENSE NUMBER 67092
GANNETT FLEMING, INC.
800 NW 62ND AVENUE, SUITE 490
MIAMI, FLORIDA 33126

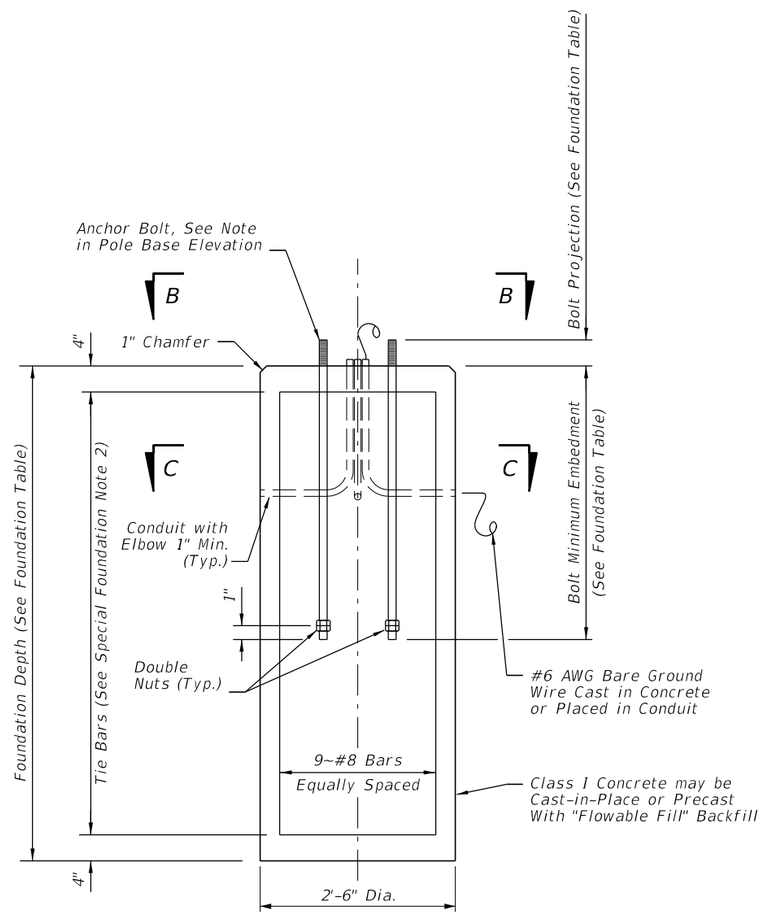
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

LIGHT POLE FOUNDATION DETAIL

SHEET NO.
L-22

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



FOUNDATION

FOUNDATION NOTES [Notes Date 01-01-12]:

1. Design based on Borings taken and sealed by tsfGEO, Inc.
2. Assumptions and Values used in design:
   Soil Type - Sand
   Soil Layer Thickness = 12 ft.
   Soil Friction Angle = 29 deg.
   Soil Weight = 42.6 pcf (Effective - Submerged)
   Design Water Table is 0 ft. below surface
   Equivalent SPT-N = 6 b.p.f.

FOUNDATION TABLE		
Pole Mounting Height	14 ft. Pole	40 ft./22 ft. Pole
Foundation Depth	5'-0"	12'-0"
Bolt Projection	3"	3.5"
Bolt Min. Embedment	1'-8"	2'-9"

SPECIAL FOUNDATION NOTES:

1. Special Drilled Shaft Foundations for Light Poles shall follow FDOT Std. Index No. 715-002, with Foundation Depth and Bolt Min. Embedment modified as shown in Foundation Table due to non-standard site soil properties.
2. For View B-B, Section C-C, and other foundation notes and details not shown here, see FDOT Std. Index No. 715-002.
3. Drilled shaft installation may be difficult due to shallow limerock. Provide full length temporary casing as needed.
4. Anchor Bolt projection may be modified in accordance with pole manufacturer requirements.
5. Anchor Bolt diameter to be in accordance with pole manufacturer requirements. The anchor bolt embedment for the 14 ft. pole is based on an assumed bolt diameter of 0.75". The anchor bolt embedment for the 40 ft. pole is based on an assumed bolt diameter of 1.5". Contractor is responsible to verify fit and adjust as needed during fabrication and construction.
6. Minimum Anchor Bolt embedment shown. Embedment may be increased based on pole manufacturer requirements.
7. Provide maximum anchor bolt circle diameter of 15", per FDOT Std. Index 715-002.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

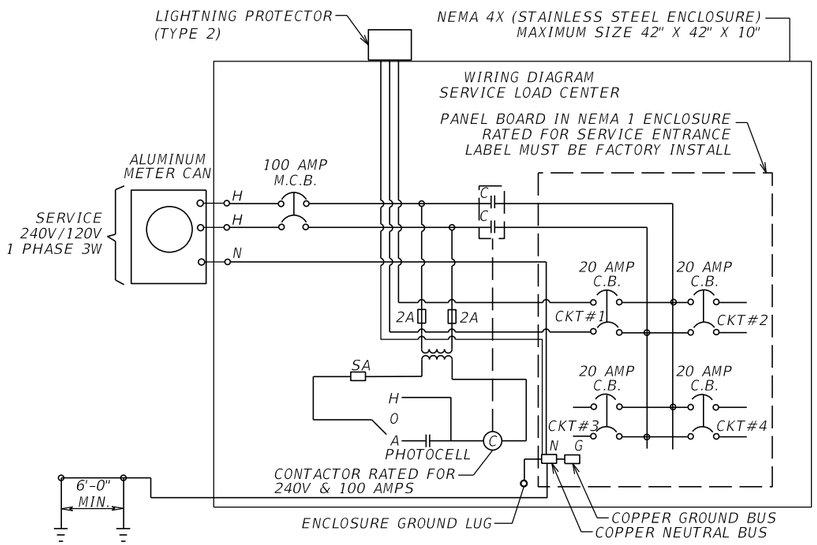
RAY T. STAUFFER, P.E.
P.E. LICENSE NUMBER 67092
GANNETT FLEMING, INC.
800 NW 62ND AVENUE, SUITE 490
MIAMI, FLORIDA 33126

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

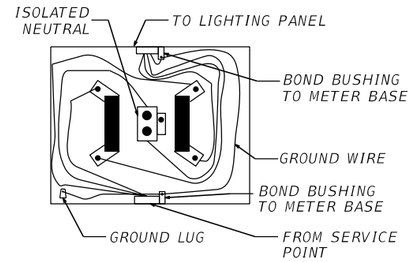
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	BROWARD	441582-1-52-01

LIGHT POLE FOUNDATION DETAIL

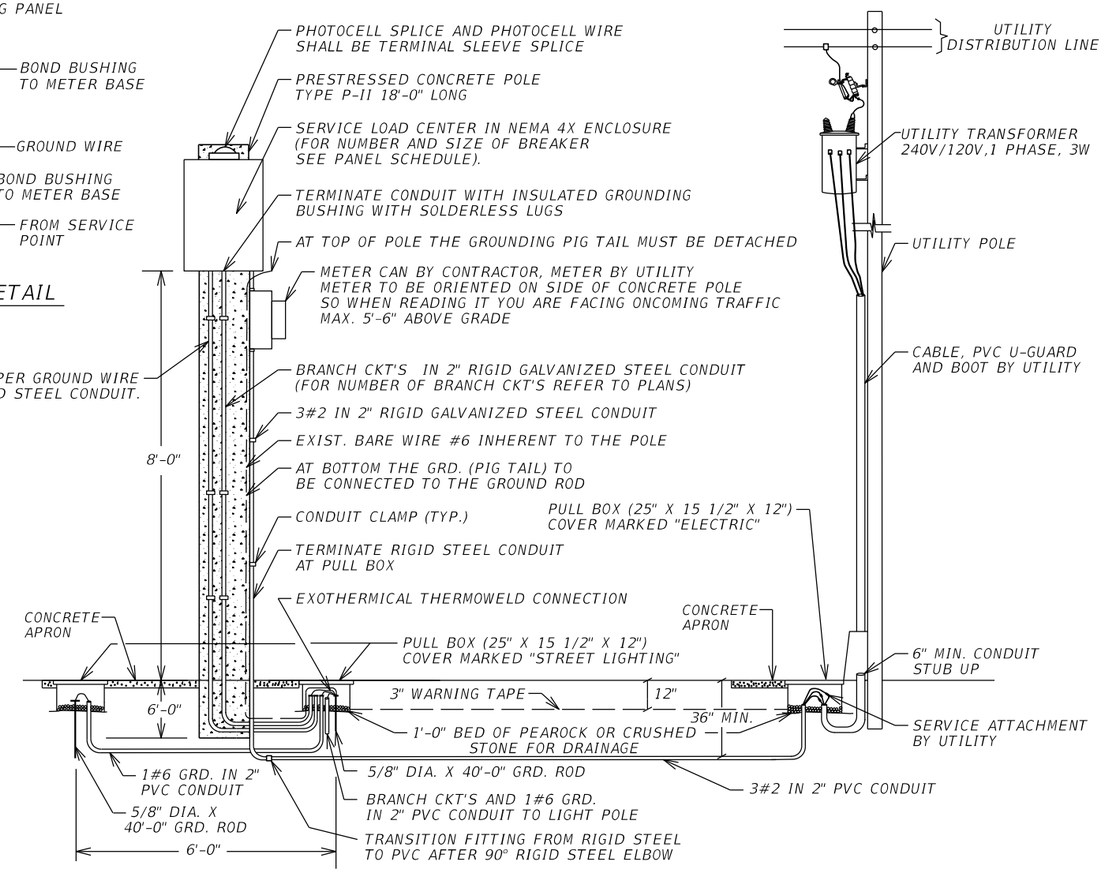
SHEET NO.
L-23



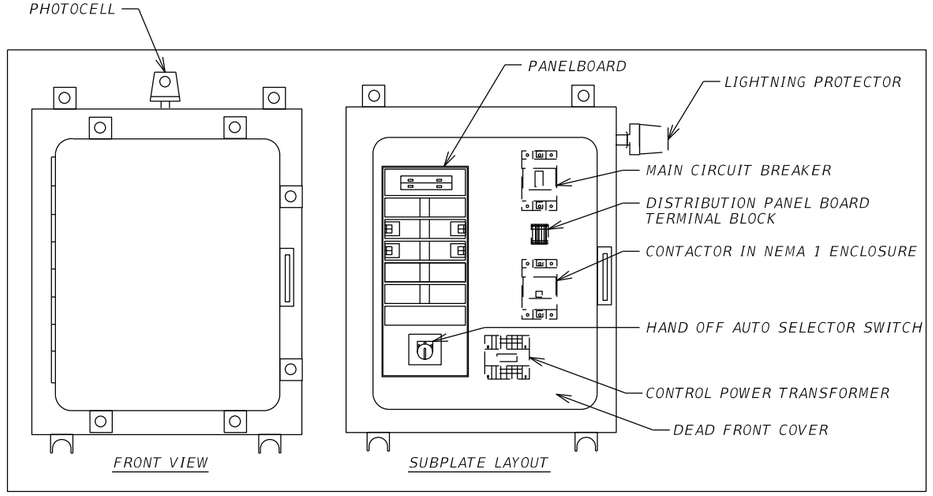
WIRING DIAGRAM SERVICE LOAD CENTER
NTS



METER SOCKET DETAIL
NTS



SERVICE POINT DETAIL
NTS



LIGHTING CONTROL CENTER
NTS

NOTES:

1. ALL WIRES EXTERNAL TO CONTROL CABINET TO BE TERMINATED TO A TERMINAL.
2. PROVIDE SIGNED AND SEALED STRUCTURAL PLANS AND CALCULATIONS FOR THE PRESTRESSED CONCRETE POLE.
3. BID ITEM 715-7-11 INCLUDES THE COST OF AN ALUMINUM METER APPROVED BY FPL WITH A GROUND LUG, BYPASS MECHANISM WITH LEVER AND ISOLATED NEUTRAL.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FABRICIO M. SAVIO, P.E.
P.E. LICENSE NUMBER 77354
GANNETT FLEMING, INC.
800 NW 62ND AVE - SUITE 490
MIAMI, FLORIDA 33126

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

SERVICE POINT DETAILS

SHEET NO.
L-24

EXISTING LOAD CENTER "B" LOCATED AT STA. 82+18.74 (69.2' LT) 240V/120V, SINGLE PHASE, 3 WIRE, MCB 125A (PER FPID: 228034-1-52-01) MAINTAINING AGENCY: CITY OF HOLLYWOOD				
CKT NO	EXIST. LOAD (A)	PROP. LOAD (A)	EXIST. C.B.	WIRE/CONDUCT
B-5	15.3	8.1	25A	#4
B-6	17.8	9.5	25A	#4
B-7	17.8	9.5	25A	#2
B-8	20.4	10.9	25A	#2

CONTINUOUS LOADS= 9.12 kVA
25% CONT. LOAD= 2.23 kVA
TOTAL= 11.4 kVA

$$Amp= \frac{VA}{V} =11,400/240=47.5 \text{ AMPS}$$

EXISTING TO REMAIN 60A SUB-PANEL DATA NOT PROVIDED, CIRCUITS B-5b - B-8b.

EXISTING LOAD CENTER "C" LOCATED AT STA. 108+87.79 (46.7' RT) 240V/120V, SINGLE PHASE, 3 WIRE, MCB 300A MAINTAINING AGENCY: CITY OF HOLLYWOOD				
CKT NO	EXIST. LOAD (A)	PROP. LOAD (A)	EXIST. C.B.	WIRE/CONDUCT
C-17	11.9	11.9	30A	#6
C-18	11.0	11.0	30A	#6

EXISTING LOAD CENTER "D" LOCATED AT STA. 119+31.95 (42.86' RT) 240V/120V, SINGLE PHASE, 3 WIRE, MCB 200A MAINTAINING AGENCY: CITY OF HOLLYWOOD				
CKT NO	EXIST. LOAD (A)	PROP. LOAD (A)	EXIST. C.B.	WIRE/CONDUCT
D-13	10.2	10.2	20A	#6
D-14	10.2	10.2	20A	#6

EXISTING LOAD CENTER "F" LOCATED AT STA. 142+52.90 (43.25' RT) 240V/120V, SINGLE PHASE, 3 WIRE, MCB 100A (PER FPID: 413794-2-52-01) MAINTAINING AGENCY: CITY OF HOLLYWOOD				
CKT NO	EXIST. LOAD (A)	PROP. LOAD (A)	EXIST. C.B.	WIRE/CONDUCT
F-(A1)	16.2	9.5	40A	#4
F-(A2)	13.9	8.1	30A	#4
F-(A3)	13.9	8.1	30A	#4
F-(A4)	13.9	8.1	30A	#4

CONTINUOUS LOADS= 8.10 kVA
25% CONT. LOAD= 2.03 kVA
TOTAL= 10.23 kVA

$$Amp= \frac{VA}{V} =11,400/240=42.6 \text{ AMPS}$$

EXISTING TO REMAIN 100A SUB-PANEL DATA NOT PROVIDED, CIRCUITS A5-A8.

PROPOSED LOAD CENTER "G" LOCATED AT STA. 80+69.87 (72.0' RT) 240V/120V, SINGLE PHASE, 3 WIRE, MCB 100A MAINTAINING AGENCY: CITY OF HOLLYWOOD				
CKT NO	EXIST. LOAD (A)	PROP. LOAD (A)	EXIST. C.B.	WIRE/CONDUCT
G-1	N/A	3.7	20A	#6
G-2	N/A	4.0	20A	#6
G-3	N/A	5.1	20A	#6
G-4	N/A	4.2	20A	#6
SPARE	N/A	N/A	20A	N/A

NUMBERS OF BRANCH CKT. BREAKERS AS REQUIRED

CONTINUOUS LOADS= 4.10 kVA
25% CONT. LOAD= 1.01 kVA
TOTAL= 5.11 kVA

$$Amp= \frac{VA}{V} =5,110/240=21.3 \text{ AMPS}$$

PROPOSED LOAD CENTER "H" LOCATED AT STA. 153+81.68 (47.0' RT) 240V/120V, SINGLE PHASE, 3 WIRE, MCB 100A (CONSTRUCTED UNDER FPID: 439991-1-52-01) MAINTAINING AGENCY: CITY OF HOLLYWOOD				
CKT NO	EXIST. LOAD (A)	PROP. LOAD (A)	EXIST. C.B.	WIRE/CONDUCT
H-1	N/A	5.4	20A	#6
H-2	N/A	5.1	20A	#6
H-3	N/A	6.5	20A	#4
H-4	N/A	5.6	20A	#4
SPARE	N/A	N/A	20A	N/A

NUMBERS OF BRANCH CKT. BREAKERS AS REQUIRED

CONTINUOUS LOADS= 5.40 kVA
25% CONT. LOAD= 1.35 kVA
TOTAL= 6.75 kVA

$$Amp= \frac{VA}{V} =6,750/240=28.1 \text{ AMPS}$$

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COMPONENTS OF CONTRACT PLANS SET

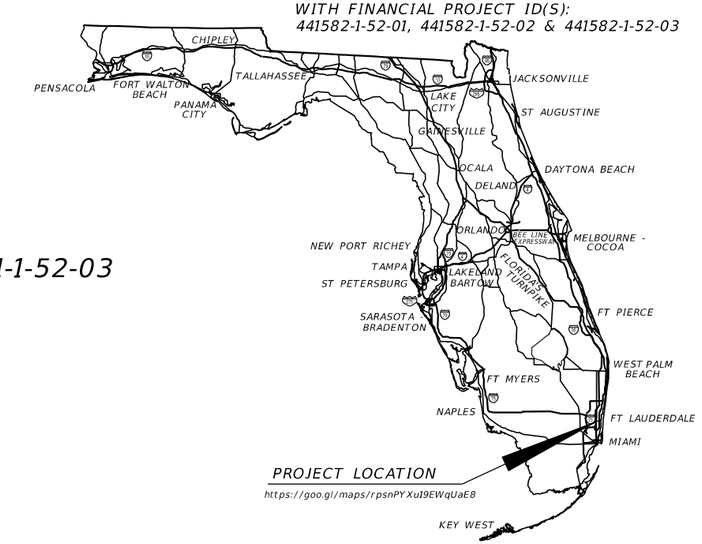
ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
SIGNALIZATION PLANS
LIGHTING PLANS

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

THIS PROJECT TO BE LET TO CONTRACT WITH FINANCIAL PROJECT ID(S): 441582-1-52-01, 441582-1-52-02 & 441582-1-52-03



FINANCIAL PROJECT ID(s): 439991-1-52-01, 439991-1-52-02 & 439991-1-52-03

(FEDERAL FUNDS)

BROWARD COUNTY (86010)

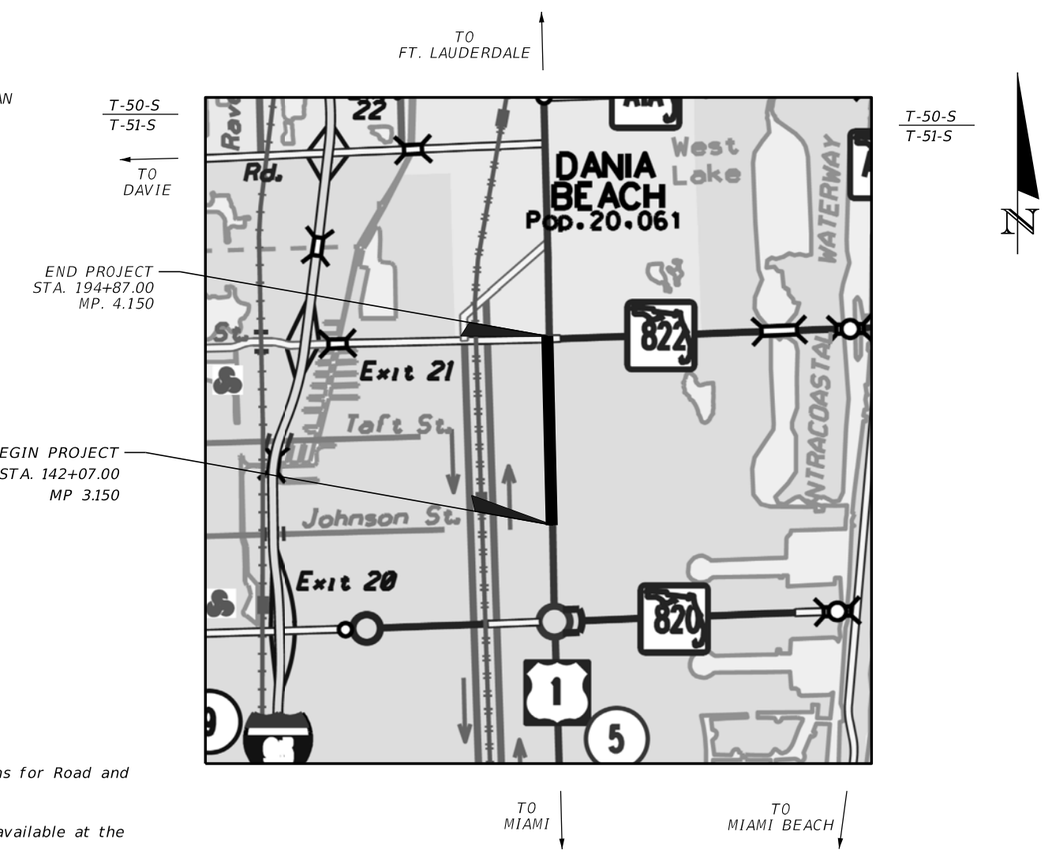
STATE ROAD NO. 5 (US-1/FEDERAL HWY)

FROM JOHNSON ST TO SR 822/SHERIDAN ST

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 - 15	SPECIAL DETAILS
16 - 20	TEMPORARY TRAFFIC CONTROL PLANS
21 - 28	SELECTIVE CLEARING AND GRUBBING PLAN
29 - 31	TREE DISPOSITION CHART
UTV-1*	VERIFIED UTILITY LOCATES

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



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

APPLICABLE IRs: IR700-102-1, 711-001

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

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ON THE DATE ADJACENT TO THE SEAL

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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 - 15	SPECIAL DETAILS

ALEJANDRO URIBE
LICENSE
No 75596
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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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
16 - 20	TEMPORARY TRAFFIC CONTROL PLANS

CHERYL CALLENDER
LICENSE
No 6667177
STATE OF
FLORIDA
LANDSCAPE ARCHITECT

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

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

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
21 - 28	SELECTIVE CLEARING AND GRUBBING PLAN
29 - 31	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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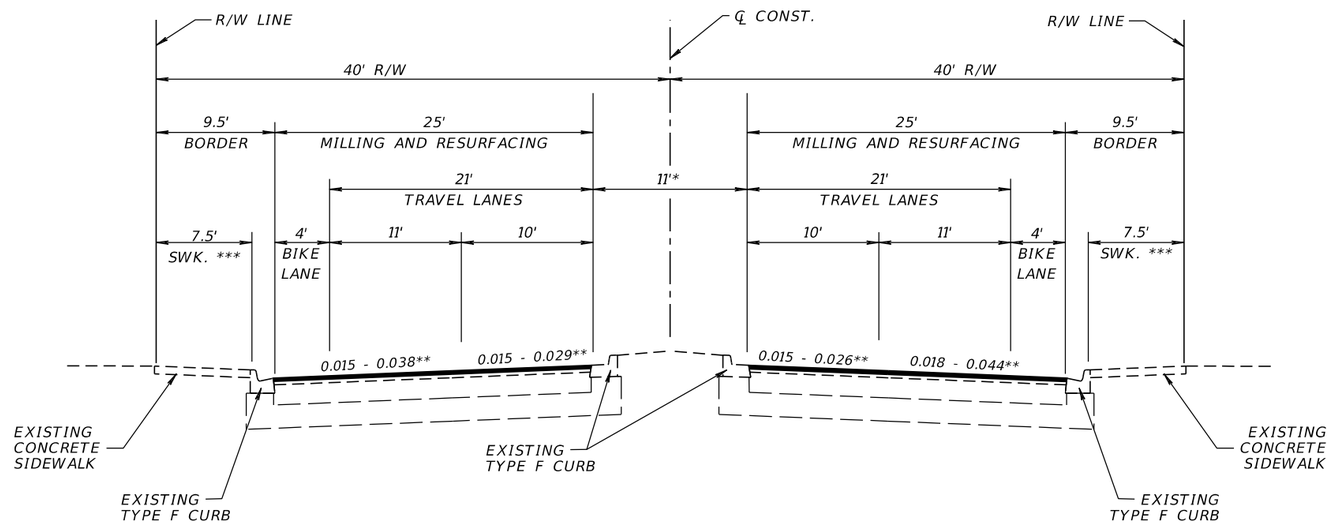


SR 5 (US-1)

STA. 142+07.00 TO STA. 194+87.00

MP 3.150 TO MP 4.150

LEGEND:

* MILL AND RESURFACE AT LEFT-TURN LANE LOCATIONS

** MATCH EXISTING CROSS SLOPE

*** SIDEWALK TO BE RECONSTRUCTED IS TO BE CONSTRUCTED WITH 1.5% CROSS SLOPE (MAX. 2%)

MILLING

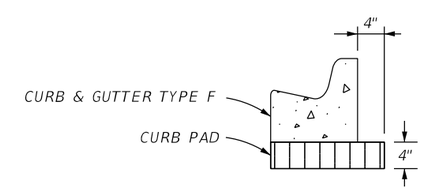
MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1½")

RESURFACING

FRICTION COURSE FC-12.5 (1½") (TRAFFIC C) (PG 76-22)

TRAFFIC DATA

CURRENT YEAR = 2019 AADT = 31,500
ESTIMATED OPENING YEAR = 2024 AADT = 32,700
ESTIMATED DESIGN YEAR = 2044 AADT = 37,400
K = 9.0% D = 54.5% T = 3.7% (24 HOUR)
DESIGN HOUR T = 1.85%
DESIGN SPEED = 40 MPH
POSTED SPEED = 35 MPH



CURB PAD DETAIL

N.T.S.

NOTE: USE THIS DETAIL AT LOCATIONS WHERE CURB AND GUTTER IS BEING REPLACED AS NOTED IN THE PLANS. CONSTRUCT CURB PAD USING B-12.5 AS BASE MATERIAL.

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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

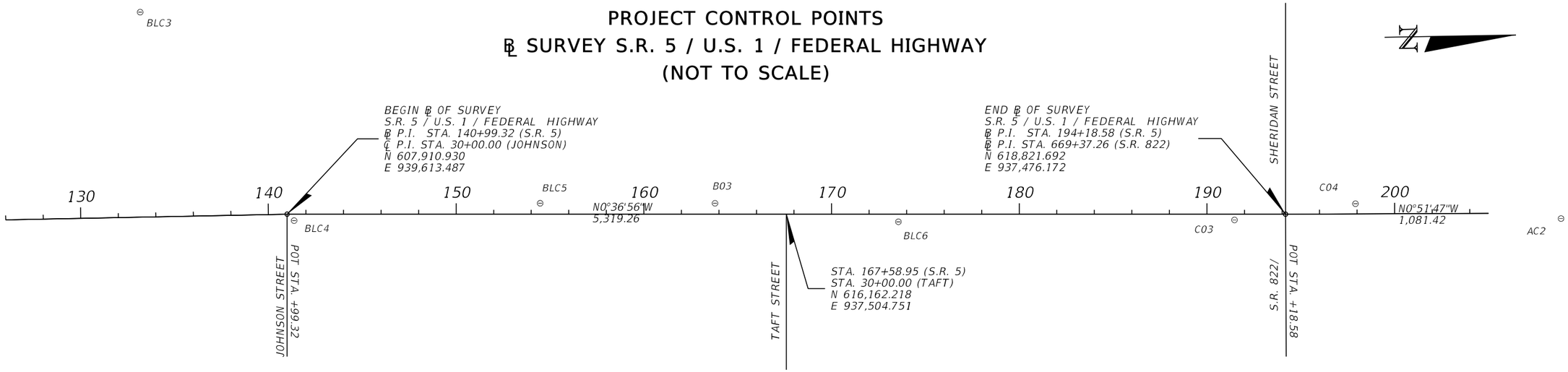
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

TYPICAL SECTIONS

SHEET NO. 3

PROJECT CONTROL POINTS
℄ SURVEY S.R. 5 / U.S. 1 / FEDERAL HIGHWAY
(NOT TO SCALE)



SECTION 10
TOWNSHIP 51 SOUTH, RANGE 42 EAST

CONTROL POINT	(Y) NORTHING	(X) EASTING	LATITUDE	LONGITUDE	SCALE FACTOR	℄ SURVEY STATION	OFFSET	(Z) ELEVATION	DESCRIPTION
BLC3	612419.768	937512.767	26°00'57.51398"	080°08'35.94163"	1.00003194	130+17.50	54.05 LT.	7.571	FND. FDOT BDIC STAMPED: 5-86-03-C03
BLC4	613552.089	937578.342	26°01'08.72399"	080°08'34.14145"	1.00003198	141+48.18	45.54' RT.	6.368	FND. FDOT BDIC STAMPED: 5-86-03-C04
BLC5	614861.980	937471.558	26°01'21.70380"	080°08'36.21774"	1.00003191	154+59.14	47.16 LT.	7.083	FND. FDOT BDIC STAMPED: 5-86-03-C05
B03	615793.5	937461.6	26°01'30.93"	080°08'36.26"	1.00003191	163+90.72	47.11 LT.	7.795	SET FDOT ADIC STAMPED: SR5-86-19-B03
BLC6	616771.646	937549.745	26°01'40.61163"	080°08'35.22333"	1.00003197	173+67.86	54.54 RT.	8.305	FND. FDOT BDIC STAMPED: 5-86-03-C06
C03	618562.0119	937520.7232	26°01'58.34489"	080°08'35.41266"	1.00003195	191+58.43	41.76 RT.	8.248	SET FDOT ADIC STAMPED: SR5-86-19-C03
C04	619205.5136	937427.5643	26°02'04.72404"	080°08'36.38761"	1.00003189	198+02.90	42.82 LT.	8.724	SET FDOT ADIC STAMPED: SR5-86-19-C04
AC2	620301.389	937494.677	26°02'15.57296"	080°08'57302"	1.00003193	208+97.83	40.79 RT.	7.93	FND. FDOT BDIC STAMPED: SR5-86-04-C2, (NOT SHOWN)
						(BASELINE EXTENDED)			

LEGEND

℄	:	BASELINE
E	:	EAST
FND	:	FOUND
LT.	:	LEFT
OFF.	:	OFFSET
N	:	NORTH
PI	:	POINT OF INTERSECTION
POT	:	POINT OF TANGENT
RT.	:	RIGHT
S.R.	:	STATE ROAD
STA.	:	STATION
⊖	:	CONTROL POINT

PROJECT CONTROL NOTES:

1. BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, TRANSVERSE MERCATOR PROJECTION, FLORIDA EAST ZONE, NORTH AMERICAN DATUM, (NAD), OF 1983, ADJUSTMENT OF 1990, (NAD 83/90). NATIONAL GEODETIC SURVEY MONUMENTS: S 35, (AC2366), P 235, (AD2569), AND WALDREP, (AJ2431), AND FDOT FLORIDA PERMANENT REFERENCE NETWORK, (FPRN) MONUMENTS: LAUD, FLMB, FLND, AND FTLD WERE USED AND CONVERTED FROM NAD 83 (2011) TO NAD 83/90 USING THE FDOT APPROVED "SHIFT" PROGRAMS. A BEARING OF NORTH 04°39'38" WEST HAS BEEN ESTABLISHED BETWEEN MONUMENTS BLC4, (A FOUND FDOT BRASS DISK IN CONCRETE STAMPED: 5-86-03-C04), AND BLC5, (A FOUND FDOT BRASS DISK IN CONCRETE STAMPED: 5-86-03-C05).
2. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988, (N.A.V.D. '88).
3. STATIONS AND OFFSETS ARE RELATIVE TO THE BASELINE OF SURVEY, UNLESS OTHERWISE INDICATED.
4. ALL DISTANCES, ANGLES, BEARINGS, STATIONS, AND OFFSETS ARE CALCULATED, UNLESS OTHERWISE INDICATED.
5. PROJECT UNITS: US FEET
6. FIELD BOOK REFERENCES: 4320187, 4320188, AND 4320189.

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

PROJECT CONTROL

SHEET NO. 4

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GENERAL NOTES

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

2. ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:

   JOHN M. FLOYD
   P.S.M. NO.: 7098
   WANTMAN GROUP, INC.
   3230 W COMMERCIAL BLVD, SUITE 300
   FORT LAUDERDALE, FL 33309

3. UTILITY AGENCY / OWNER:

COMPANY	CONTACT	TELEPHONE NUMBER
AT&T DISTRIBUTION	OTIS KEEVE	(305) 428-0510
AT&T TRANSMISSION	STEFAN ERIKSSON	(407) 578-8000
ATLANTIC BROADBAND	WAYNE KRAMER	(786) 535-0730
CENTURYLINK	FRANCISCO AZURI	(786) 266-1713
COMCAST	LEONARD MAXWELL-NEWBOLD	(954) 444-5113
CROWN CASTLE FIBER	DANNY HASKETT	(786) 610-7073
CITY OF DANIA BEACH	DEBRA MOUSSIGNAC	(954) 924-6808 EXT. 3742
CITY OF HOLLYWOOD PUBLIC UTILITIES	ALICIA VEREA-FERIA	(954) 921-3302
FP&L DISTRIBUTION	BYRON SAMPLE	(954) 321-2056
HOTWIRE COMMUNICATIONS	WALTER DAVILA	(954) 699-0900
MASTEC INC.	RICKIE QUINN	(512) 202-1633
MCI VERIZON	EFRAIN RODRIGUEZ	(919) 414-2782
TECO PEOPLE'S GAS	DAVID RIVERA	(954) 453-0794
TOWN OF DAVIE UTILITIES DEPT.	ALDO GONZALEZ	(954) 327-3751
WINDSTREAM COMMUNICATIONS	JOANNA GALLO	(800) 289-1901
CITY OF HOLLYWOOD POLICE DEPT.	EDGARDO RAMOS	(954) 967-4383

4. THIS LIST INCLUDES EXISTING STRUCTURES (AS DETERMINED BY THE DEPARTMENT) LOCATED OUTSIDE THE LIMITS SPECIFIED IN ARTICLE 108-2 OF THE FDOT SPECIFICATIONS THAT ARE REQUIRED TO BE MONITORED. THIS LIST SHOULD NOT BE CONSIDERED ALL INCLUSIVE AND DOES NOT CONTAIN EXISTING STRUCTURES TO BE MONITORED THAT ARE LOCATED WITHIN THE DISTANCES SPECIFIED IN ARTICLE 108-2.

BROWARD COUNTY TRANSIT NOTES

1. MAINTAIN PASSENGER ACCESS TO AND FROM BUS STOPS DURING CONSTRUCTION.

2. IN THE EVENT THAT THE PROJECT IS TO IMPACT ANY BUS STOP, COORDINATE THE TEMPORARY RELOCATION OF THE BUS STOP OR BUS STOPS WITH NOEMI HEW AT (954) 357-8380, NHEW@BROWARD.ORG OR KURT PETGRAVE AT (954) 357-6793, KPETGRAVE@BROWARD.ORG AT LEAST 2 WEEKS BEFORE START OF CONSTRUCTION.

PAY ITEM NOTES:

700-1-11: INCLUDES THE COST OF RESTALLING THE EXISTING PAVERS AT THE NE CORNER OF THE INTERSECTION BETWEEN SR 5 AND TAFT STREET.

523-1: INCLUDES THE COST OF UTILIZING THE ATLANTIC PAVING, STREETBRICK-XL (HIGH FRICTION STAMPED ASPHALT).

526-1-2: INCLUDES THE COST OF REMOVING AND RE-INSTALLATION OF EXITING PAVERS

580-12-15: INCLUDES THE COST OF UTILIZING AN IRON AGE OBLIO 4'X6' HEEL PROOF TREE GRATE (PRODUCT ID OX48-72199TGHP) WITH CAST IRON/BAKE-ON OIL FINISH AND FURNISHING AND INSTALLING THE ASSOCIATED IRON AGE TYPE 'E' TREE GRATE FRAME. ALSO INCLUDES ALL NECESSARY SITE PREPARATION FOR INSTALLATION OF TREE GRATE FRAME INCLUDING SAW CUTTING AND REMOVING EXISTING CONCRETE AROUND EXISTING TREE AS NEEDED TO BOLT TREE GRATE TO EXISTING CONCRETE OR REPLACING CONCRETE AROUND TREE GRATE FRAME IF NEEDED.

715-11-211: INCLUDES THE COST OF UTILIZING THE HOLOPHANE ESPLANADE UTILITY TEARDROP GLASS LED2 AND ESPLANADE PEDESTRIAN TEARDROP ASYMMETRIC LED FOR THE DECORATIVE PEDESTRIAN LIGHT POLE LUMINAIRES .

715-516-615: INCLUDES THE COST OF UTILIZING THE HOLOPHANE GRANVILLE CLASSIC STANDARD LED3 LUMINAIRE AND THE HOLOPHANE COLUMBIA DOWNTOWN STREETS (TAPERED CAST IRON & STEEL) FOR THE PROPOSED PEDESTRIAN POLES.

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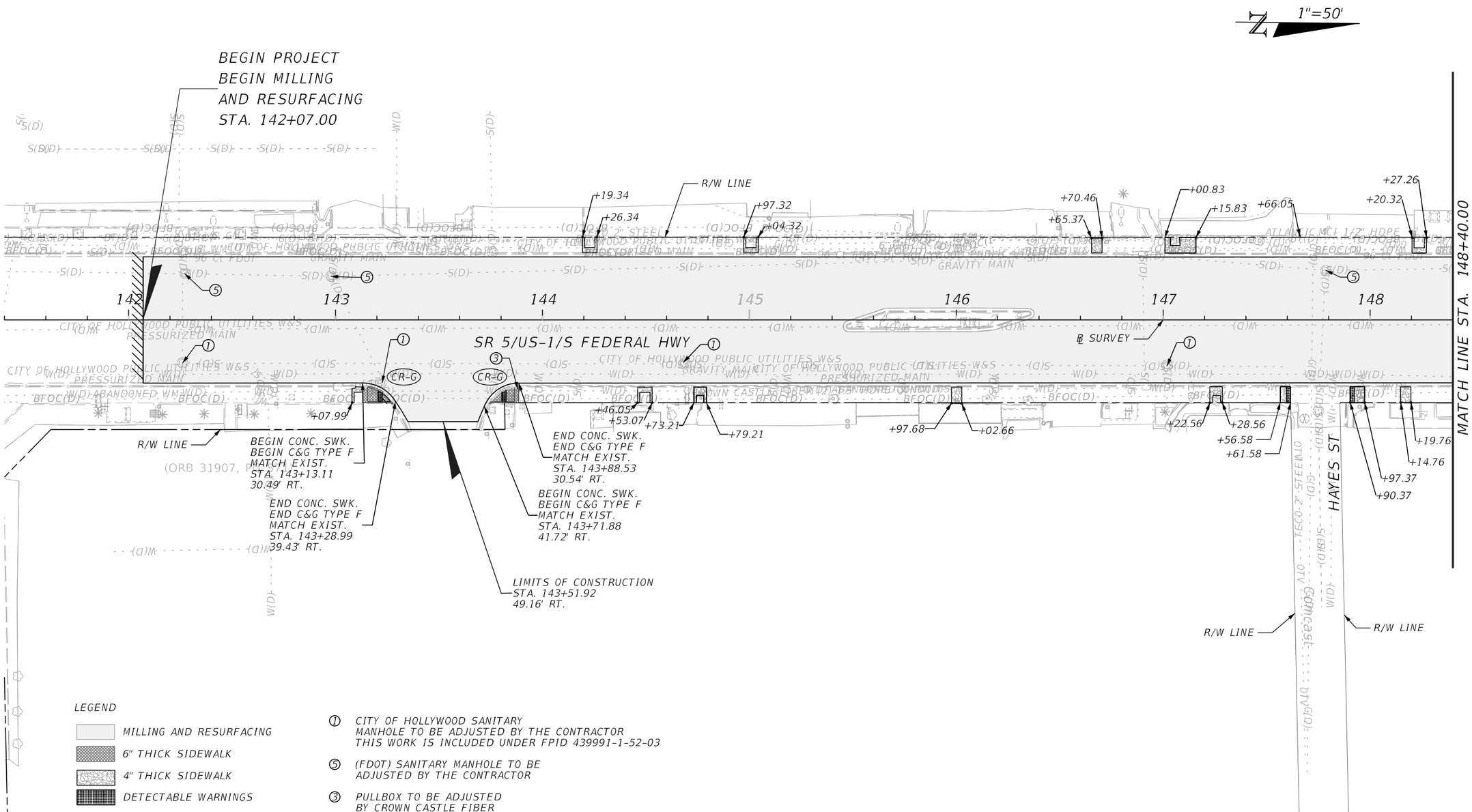

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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.
6

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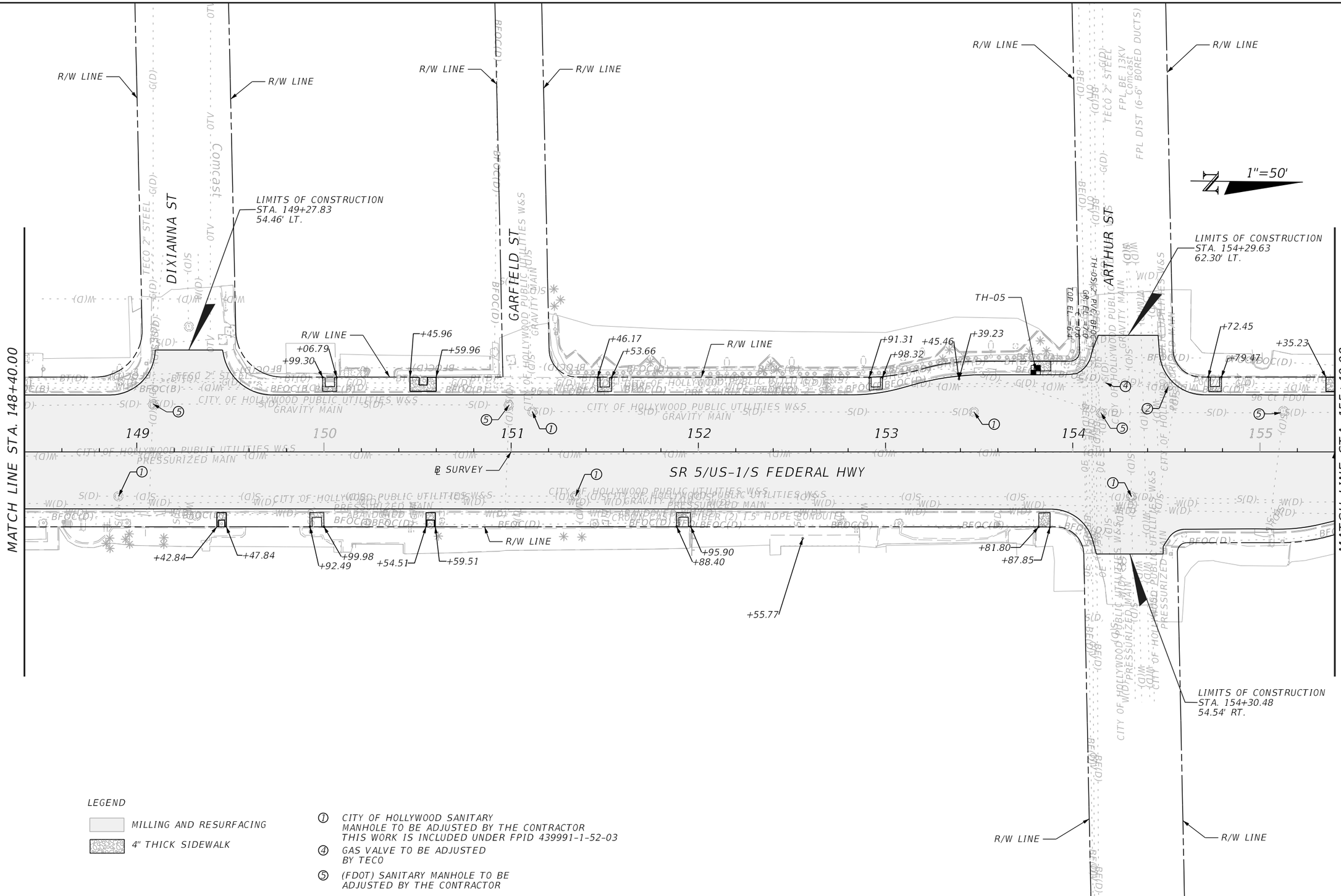

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REVISIONS			
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TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

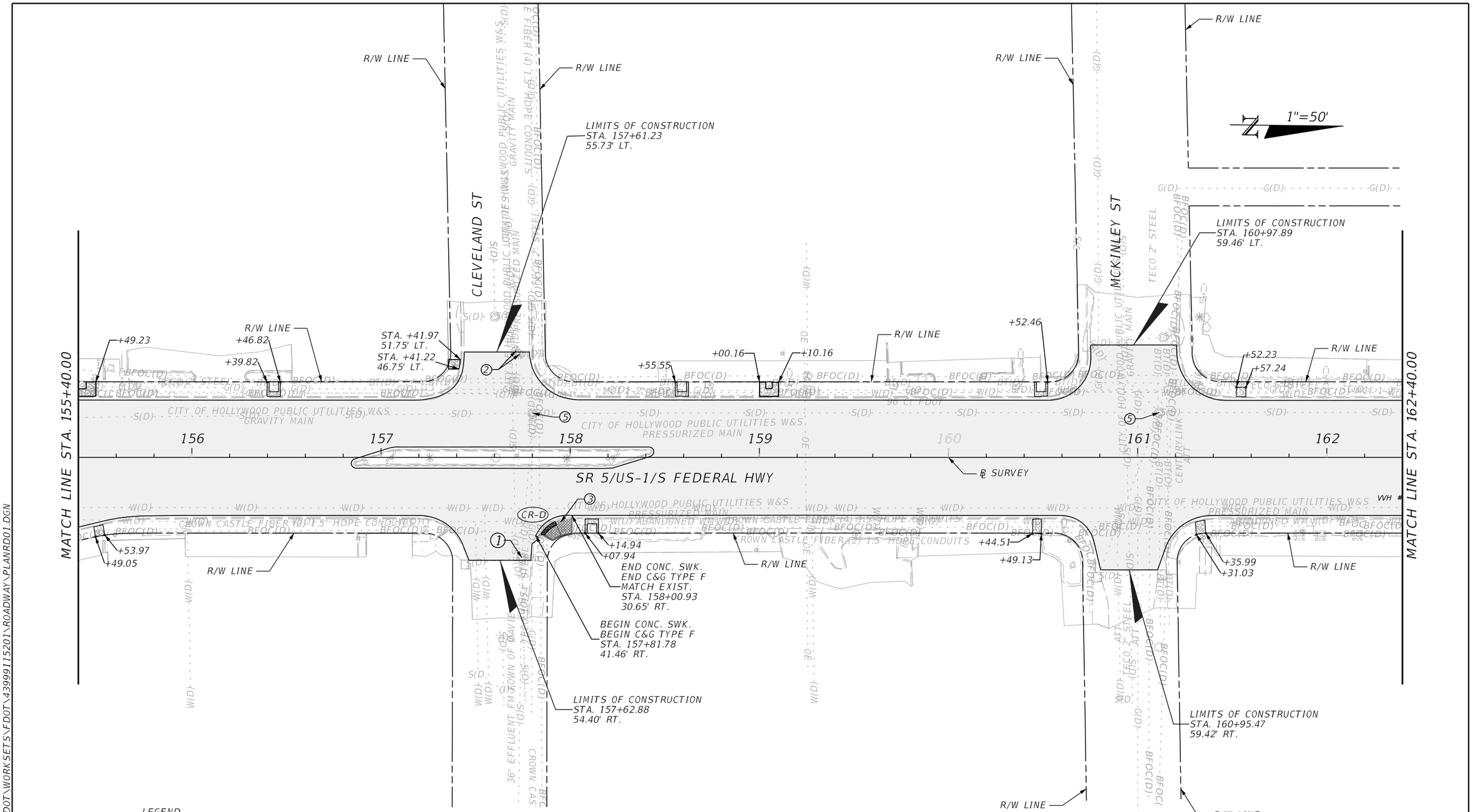
ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

ROADWAY PLAN

SHEET NO.
7



LEGEND

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

1. CITY OF HOLLYWOOD SANITARY MANHOLE TO BE ADJUSTED BY THE CONTRACTOR THIS WORK IS INCLUDED UNDER FPID 439991-1-52-03
2. CITY OF HOLLYWOOD WATER VALVE TO BE ADJUSTED BY THE CONTRACTOR THIS WORK IS UNDER FPID 439991-1-52-03
3. PULLBOX TO BE ADJUSTED BY CROWN CASTLE FIBER
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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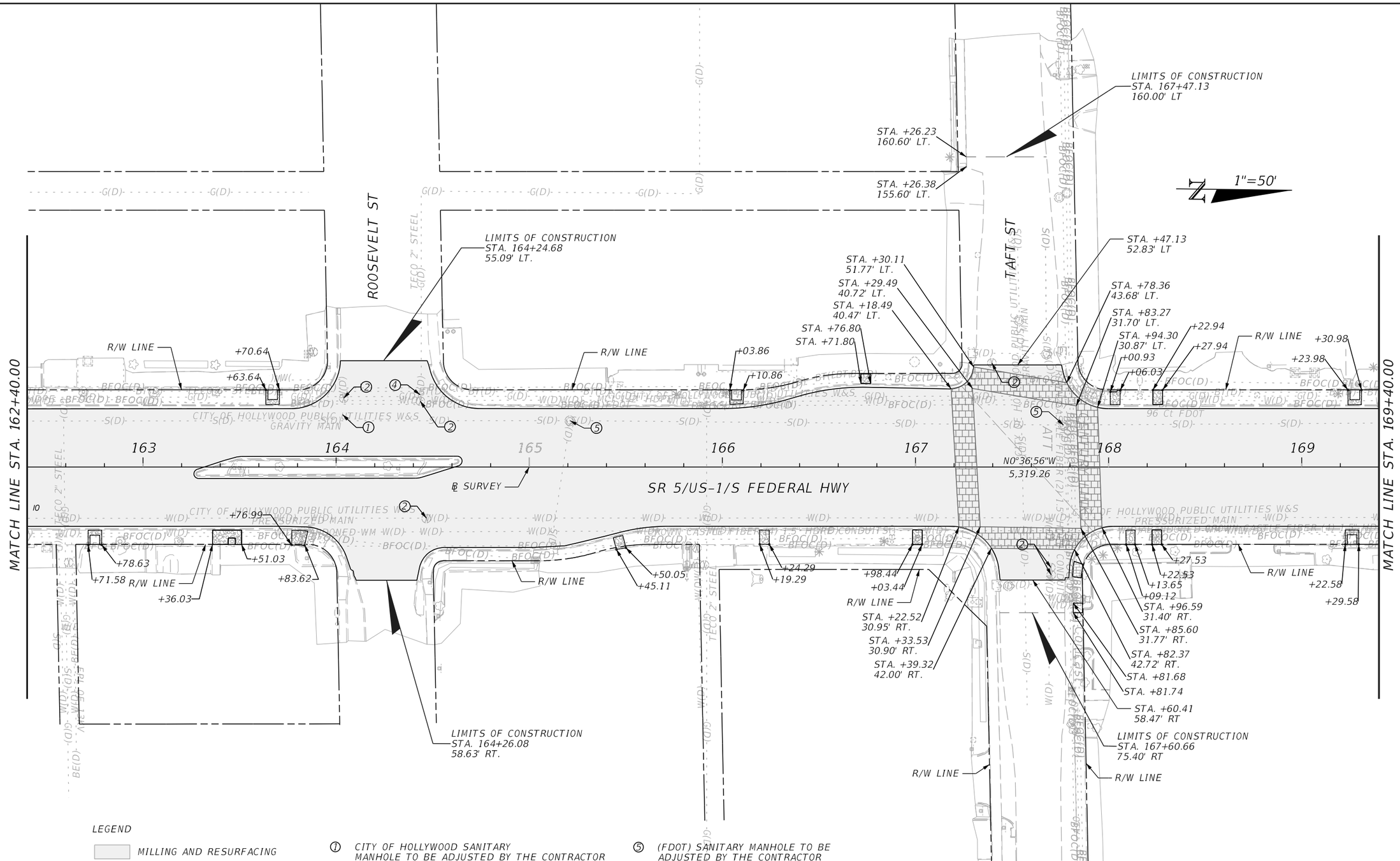

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TEL. (786) 808-0106

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

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9

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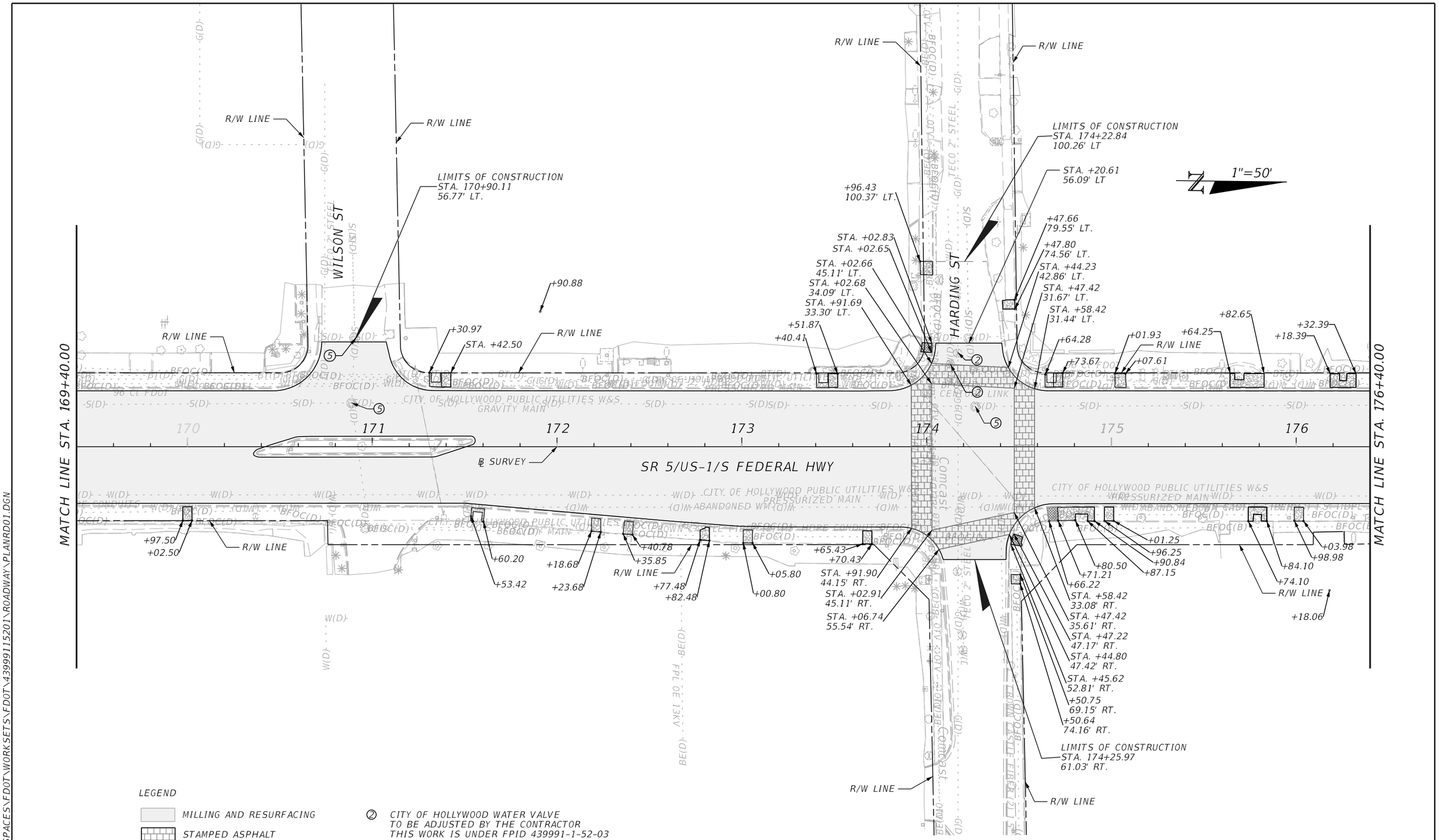

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MIAMI, FLORIDA 33186
TEL. (786) 808-0106

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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SR 5	BROWARD	439991-1-52-01

ROADWAY PLAN

SHEET NO. 10

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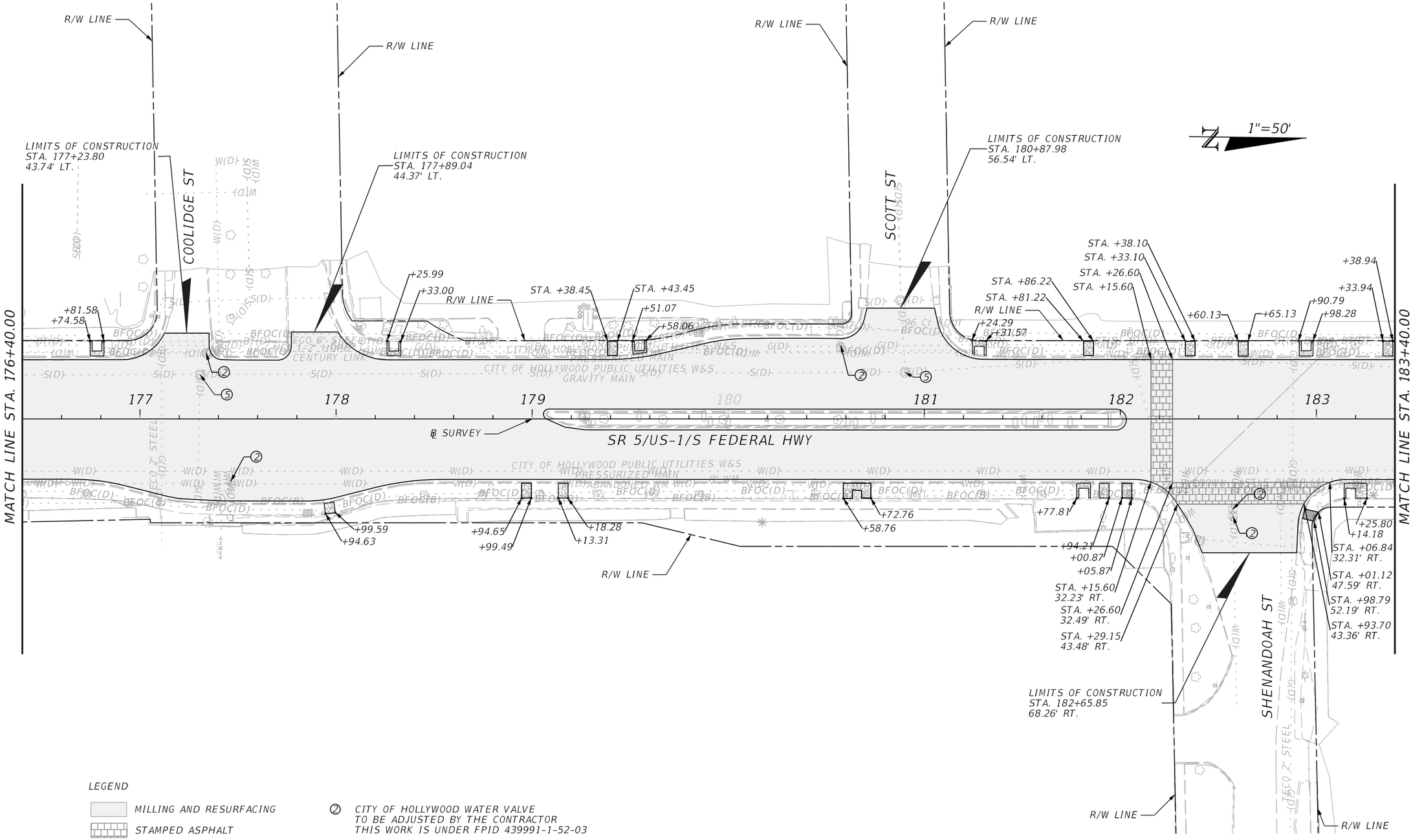

LEGEND

- MILLING AND RESURFACING
- STAMPED ASPHALT
- 6" THICK SIDEWALK
- 4" THICK SIDEWALK

② CITY OF HOLLYWOOD WATER VALVE TO BE ADJUSTED BY THE CONTRACTOR THIS WORK IS UNDER FPID 439991-1-52-03

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

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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SR 5	BROWARD	439991-1-52-01

ROADWAY PLAN

SHEET NO. 11

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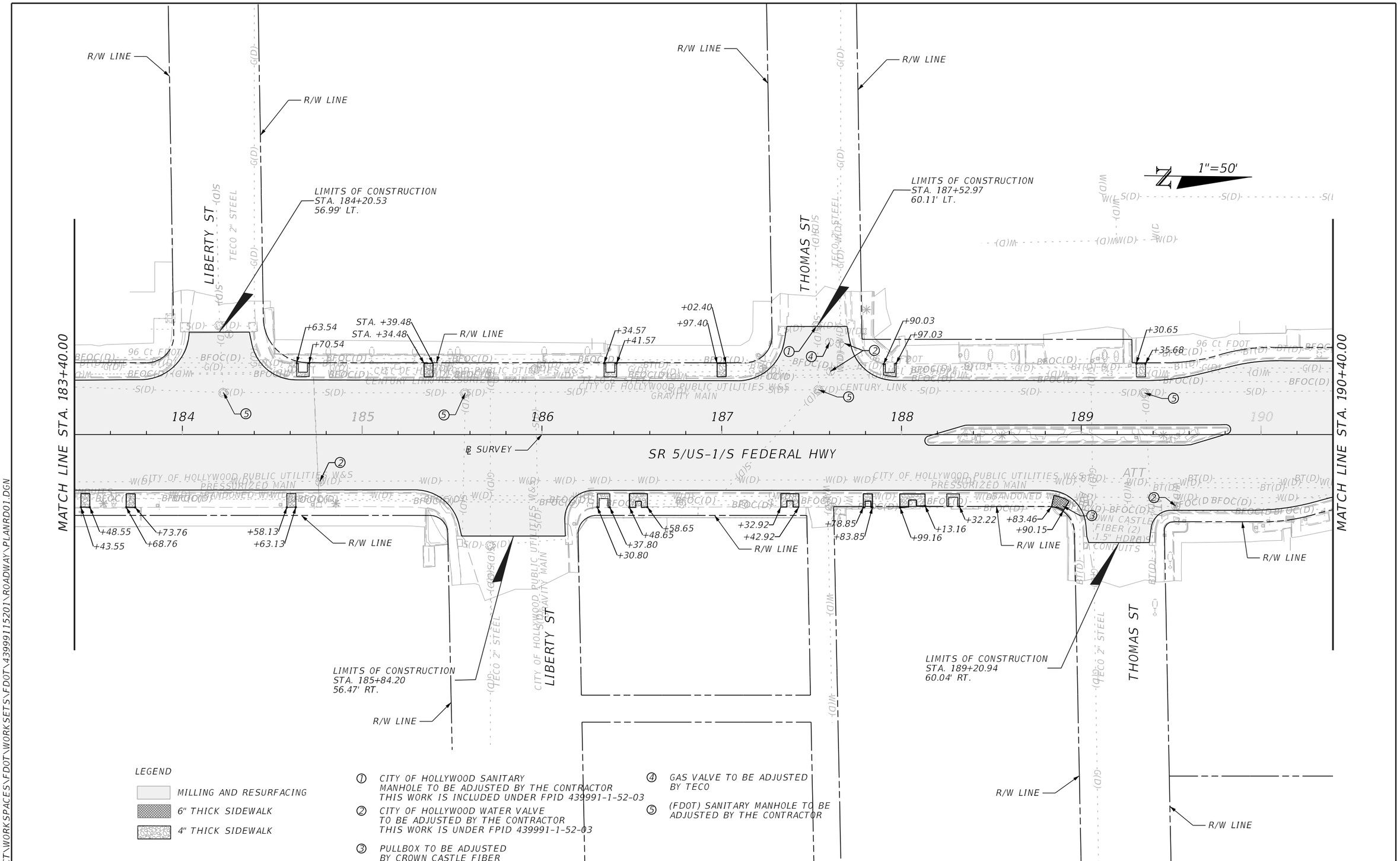

LEGEND

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

1. CITY OF HOLLYWOOD SANITARY MANHOLE TO BE ADJUSTED BY THE CONTRACTOR THIS WORK IS INCLUDED UNDER FPID 439991-1-52-03
2. CITY OF HOLLYWOOD WATER VALVE TO BE ADJUSTED BY THE CONTRACTOR THIS WORK IS UNDER FPID 439991-1-52-03
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. 12

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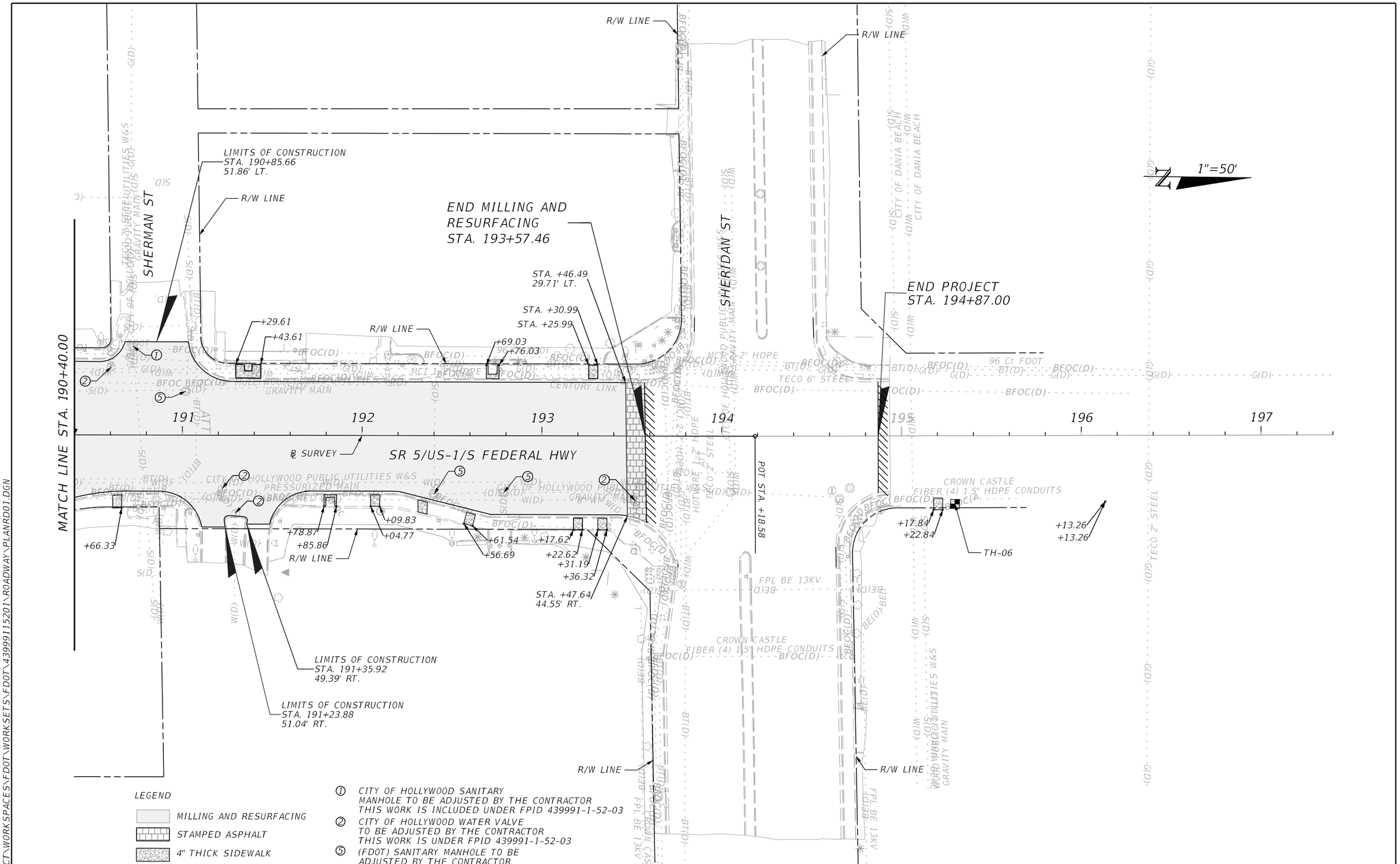

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TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

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.
13

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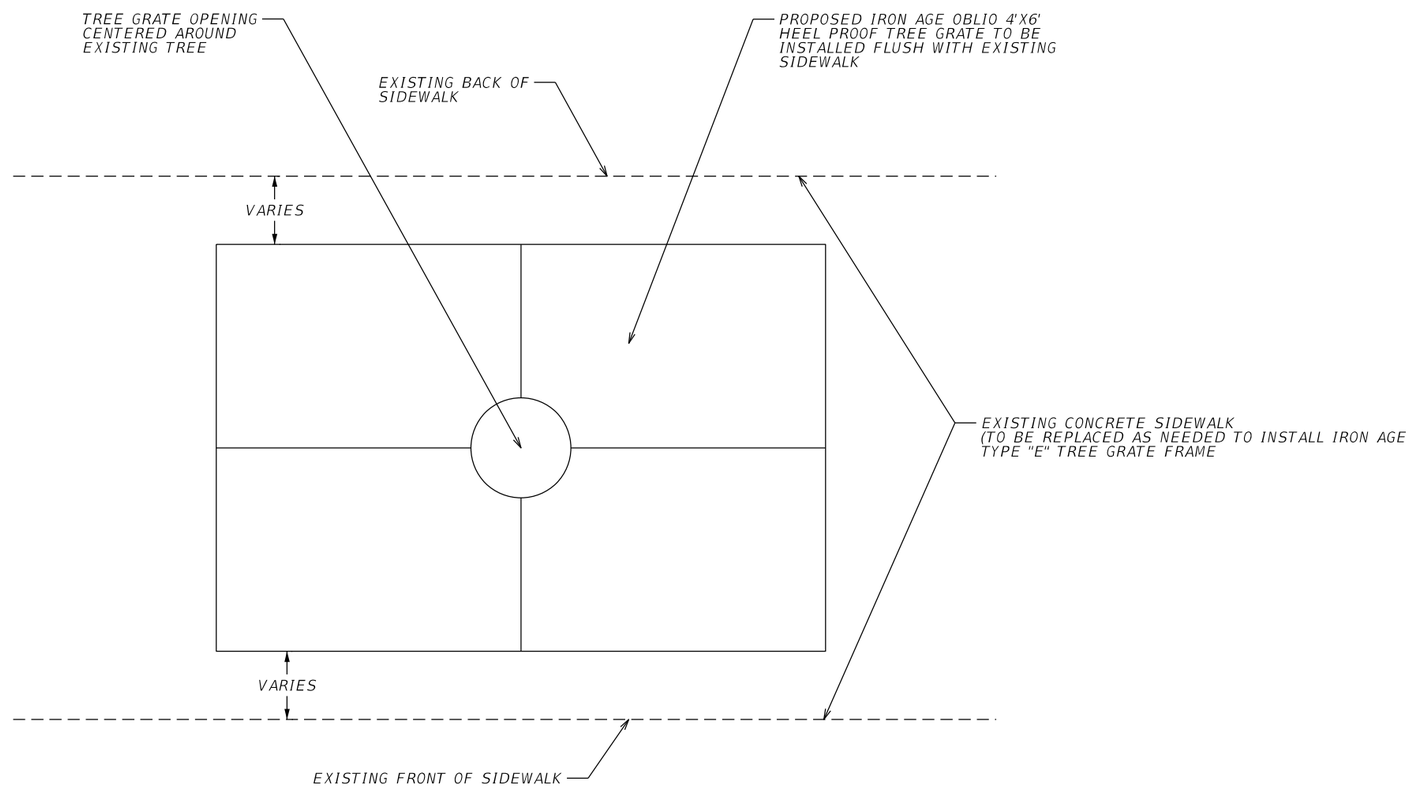
NOTES:

1. TREE GRATE SHALL BE "OBLIO 4'X6' HEEL PROOF" (PRODUCT ID OX48-72199TGHP) WITH CAST IRON/BAKE-ON OIL FINISH.
2. REPLACE EXISTING SIDEWALK AROUND PROPOSED TREE GRATE TO THE NEAREST JOINT TO ATTACH PROPOSED "IRON AGE TYPE 'E' TREE GRATE FRAME" PER MANUFACTURER'S RECOMMENDATION.



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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

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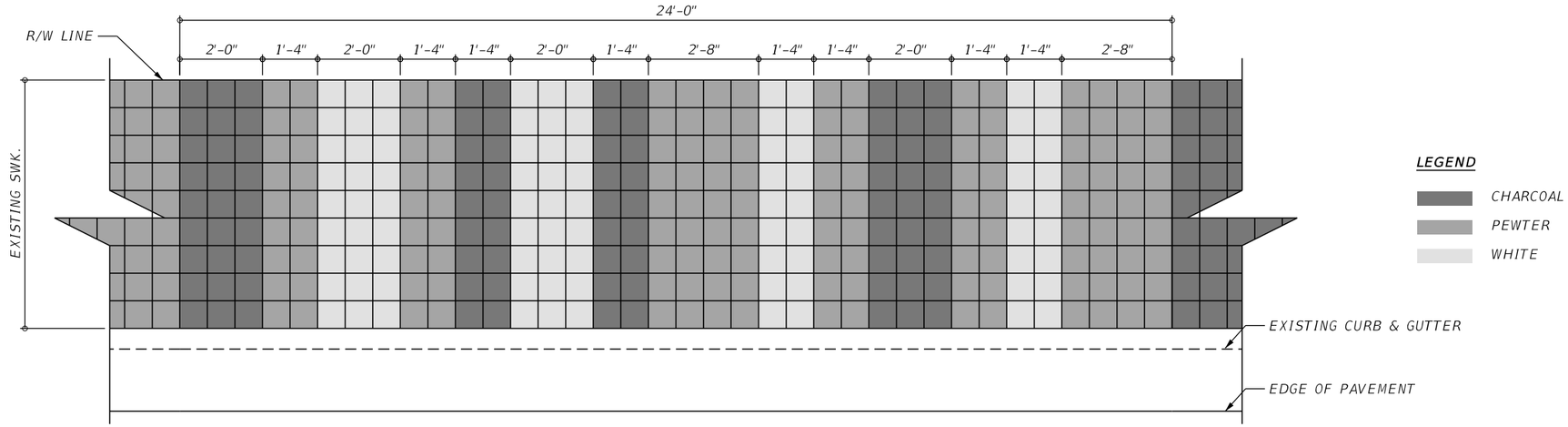
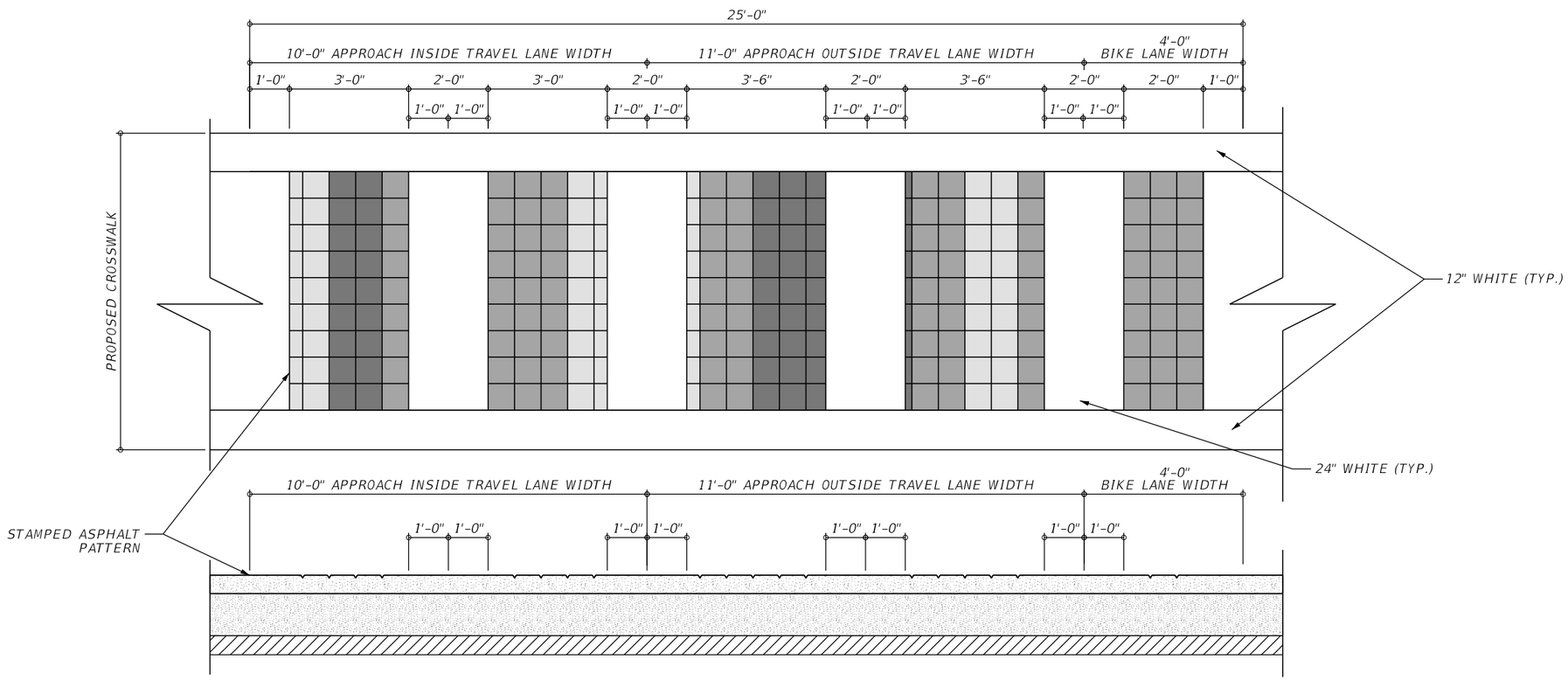


PAVER INSTALLATION DETAILS AT SIDEWALKS

N.T.S



STAMPED ASPHALT INSTALLATION DETAILS ATSIGNALIZED INTERSECTIONS WITH EMPHASIZED 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. 15

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TEMPORARY TRAFFIC CONTROL GENERAL NOTES

1. LANE CLOSURES SHALL OCCUR ONLY DURING NON-PEAK HOURS ON NON-EVENT DAYS/NIGHTS/WEEKENDS. NON-PEAK HOURS ARE:

   -10:30 PM TO 7:30 AM SUNDAY THROUGH THURSDAY NIGHTS

   SHORT-TERM LANE CLOSURES, NOT EXCEEDING TWO HOURS PER DAY, ARE ALLOWED DURING NON-EVENT DAYS FOR THE PURPOSE OF POURING CONCRETE. SHORT-TERM LANE CLOSURE HOURS ARE:

   -7:30 AM TO 3:00 PM MONDAY THROUGH THURSDAY

   CLOSE ONLY ONE LANE (PER DIRECTION) OF THRU TRAFFIC AT A TIME.

2. RECONSTRUCTION OF DECORATIVE CROSSWALKS ALONG SIDE STREETS CAN BE PERFORMED CONTINUOUSLY DURING WEEKENDS USING DETOURS OF THE SIDE STREET AND MAINTAING ALL LANES OF TRAFFIC OPEN ALONG SR-5. WEEKEND SIDE STREET DETOUR HOURS ARE:

   -10:00 PM ON FRIDAY TO 5:00 AM ON MONDAY

3. FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) AT EACH APPROACH TO THE WORK ZONE FOURTEEN (14) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION AND DURING CONSTRUCTION AS SHOWN BELOW.

PORTABLE CHANGEABLE MESSAGE SIGNS

MESSAGE #1	MESSAGE #2
ROAD WORK BEGINS	MM/DD YYYY

MESSAGE TO BE PLACED PRIOR TO CONSTRUCTION

MESSAGE #1	MESSAGE #2
ROAD WORK AHEAD	EXPECT DELAYS

MESSAGE TO BE PLACED DURING CONSTRUCTION

4. THE EXISTING POSTED REGULATORY SPEED WITHIN THE PROJECT LIMITS SHALL BE MAINTAINED FOR ALL PHASES OF CONSTRUCTION.

5. PERFORM SIDEWALK CLOSURES ONE SIDE AT A TIME TO MAINTAIN PEDESTRIAN TRAFFIC. SIDEWALK CLOSURES SHALL NOT EXCEED TWO BLOCKS AT A TIME.

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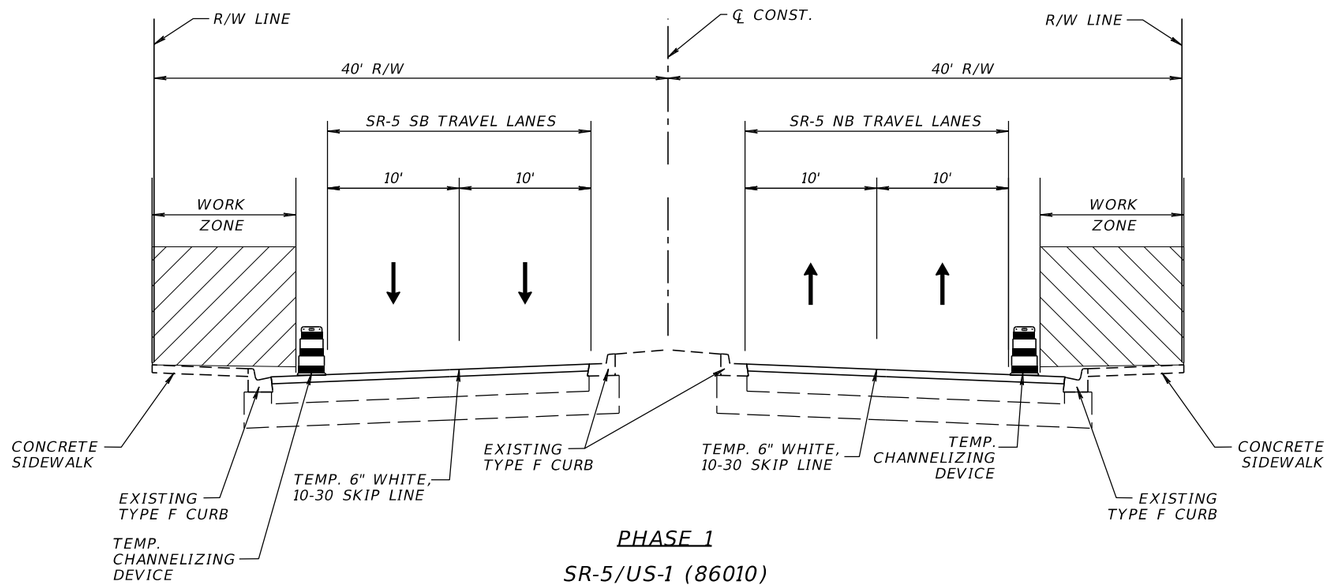

PHASE 1

SR-5/US-1 (86010)

STA. 142+07.00 TO STA. 194+87.00

POSTED SPEED = 35 MPH

1) INSTALL TEMPORARY TRAFFIC CONTROL DEVICES PER FDOT STANDARD PLANS INDEX 102-602, 102-613, AND 102-660.

2) INSTALL NEW LIGHT POLES, PULL BOXES, CONDUITS AND RECONSTRUCT SIDEWALK, RETROFIT EXISTING LIGHT POLES AND ASSOCIATED WORK, INSTALL ADA TREE GRATES AND REPLACE ADA CURB RAMPS.

3) MAINTAIN SIDEWALK OPEN ON ONE SIDE AT ALL TIMES. INSTALL DETOUR SIGNAGE IN ACCORDANCE WITH TYPICAL INTERSECTION CLOSURE PEDESTRIAN DETOUR DETAIL.

4) PLACE FINAL SIGNING.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

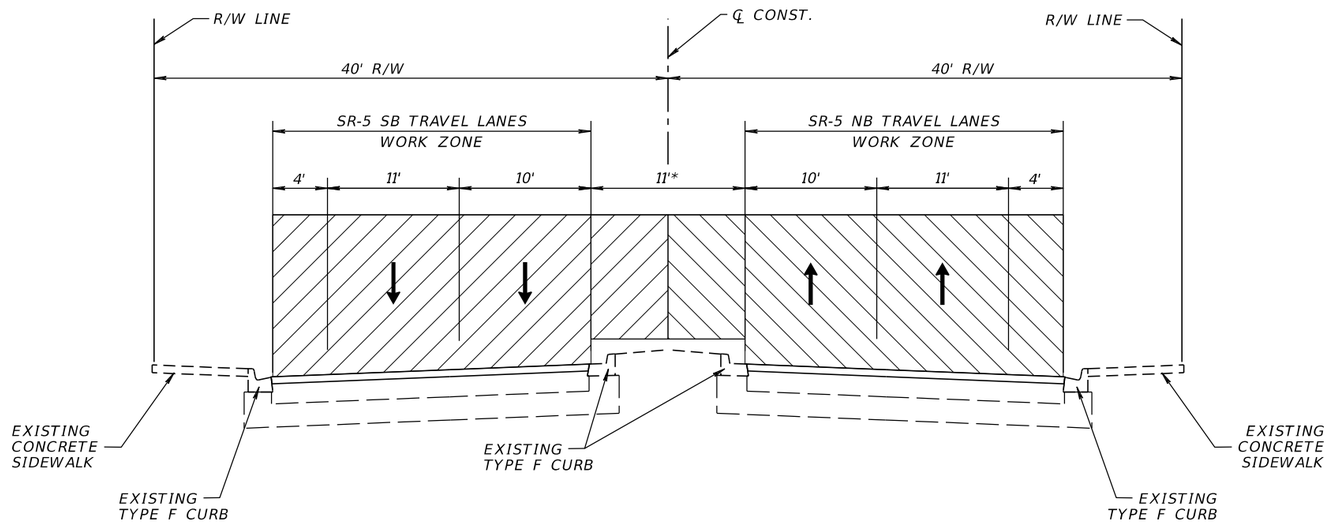
ALEJANDRO URIBE, P.E.
P.E. LICENSE NUMBER 75596
GANNETT FLEMING, INC.
800 NW 62ND AVE - SUITE 490
MIAMI, FLORIDA 33126

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

TEMPORARY TRAFFIC CONTROL PLANS

SHEET NO.
17



PHASE 2

SR-5/US-1 (86010)

STA. 142+07.00 TO STA. 194+87.00

POSTED SPEED = 35 MPH

* MILL AND RESURFACE AT TWO-WAY LEFT TURN LANE LOCATIONS

PHASE 2A

1) INSTALL TEMPORARY TRAFFIC CONTROL DEVICES PER FDOT STANDARD PLANS INDEXES 102-613 AND 102-615.

2) NO MORE THAN ONE LANE IS PERMITTED TO BE CLOSED AT A TIME IN EACH DIRECTION TO ESTABLISH THE WORK ZONE.

3) CONSTRUCT MILLING AND RESURFACING.

PHASE 2B

1) INSTALL DETOUR SIGNAGE PER TYPICAL INTERSECTION CLOSURE DETOUR DETAIL AND TYPICAL INTERSECTION CLOSURE PEDESTRIAN DETOUR DETAIL.

2) INSTALL DECORATIVE CROSSWALKS AT SIGNALIZED INTERSECTIONS.

PHASE 2C

1) INSTALL TEMPORARY TRAFFIC CONTROL DEVICES PER FDOT STANDARD PLANS INDEXES 102-613 AND 102-615.

2) NO MORE THAN ONE LANE IS PERMITTED TO BE CLOSED AT A TIME IN EACH DIRECTION TO ESTABLISH THE WORK ZONE.

3) COMPLETE CONSTRUCTION AND FINAL PAVEMENT MARKINGS.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ALEJANDRO URIBE, P.E.
P.E. LICENSE NUMBER 75596
GANNETT FLEMING, INC.
800 NW 62ND AVE - SUITE 490
MIAMI, FLORIDA 33126

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

TEMPORARY TRAFFIC CONTROL PLANS

SHEET NO. 18

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

12/15/2021 4:57:18 PM
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LEGEND

Portable Changeable (Variable) Message Sign

Work Area

Lane Identification and Direction of Traffic

Work Zone Sign

Type III Barricade

PCMS DISPLAYS

PCMS 1

MESSAGE 1: US-1 CLOSED AHEAD

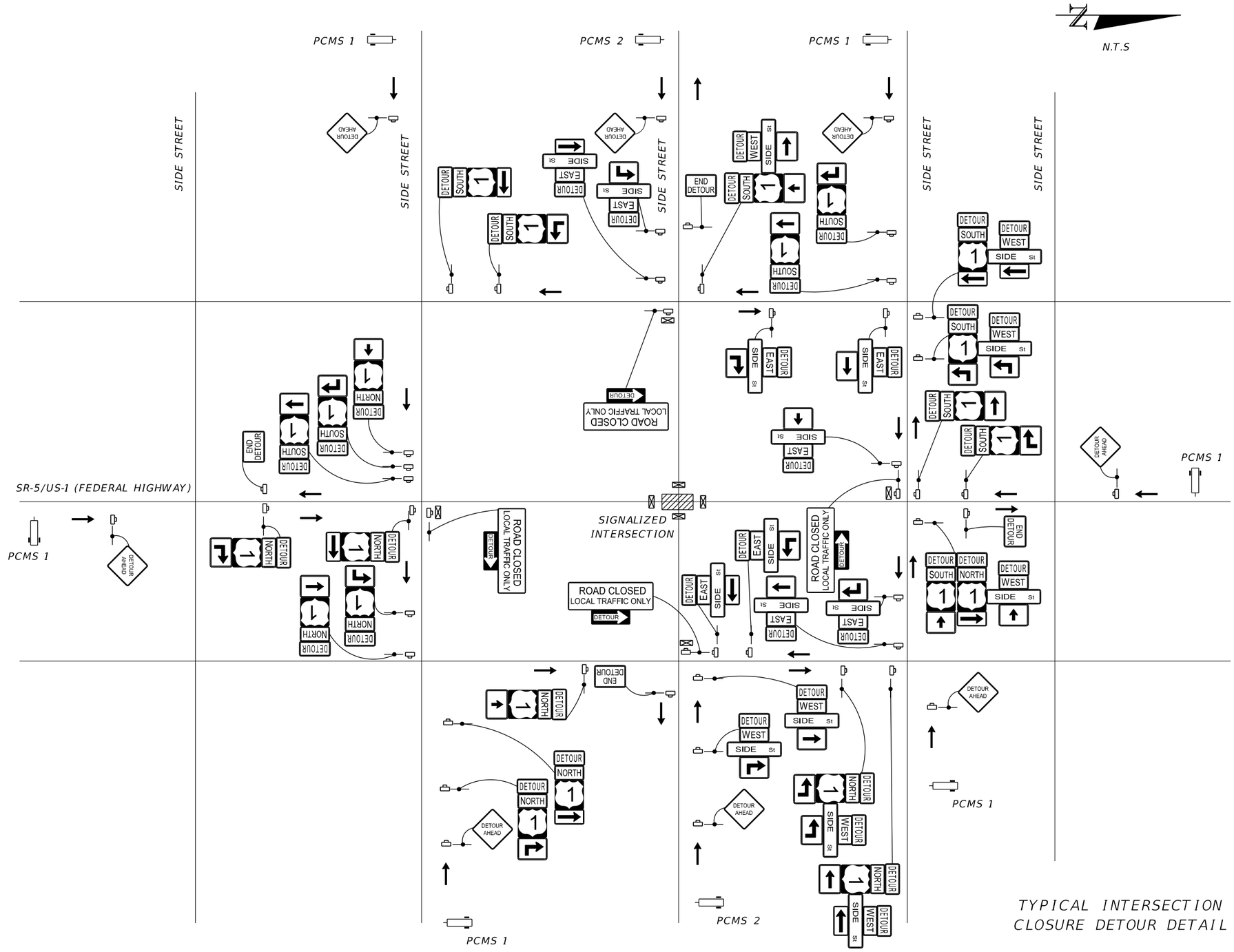
MESSAGE 2: FOLLOW DETOUR SIGNS

PCMS 2

MESSAGE 1: XXXX ST CLOSED AHEAD *

MESSAGE 2: FOLLOW DETOUR SIGNS

* DO NOT EXCEED 3 LINES AND 8 CHARACTERS PER LINE IN PCMS SIGNS. USE ABBREVIATIONS WHEN NEEDED.



TYPICAL INTERSECTION CLOSURE DETOUR DETAIL

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

12/15/2021 4:57:21 PM
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

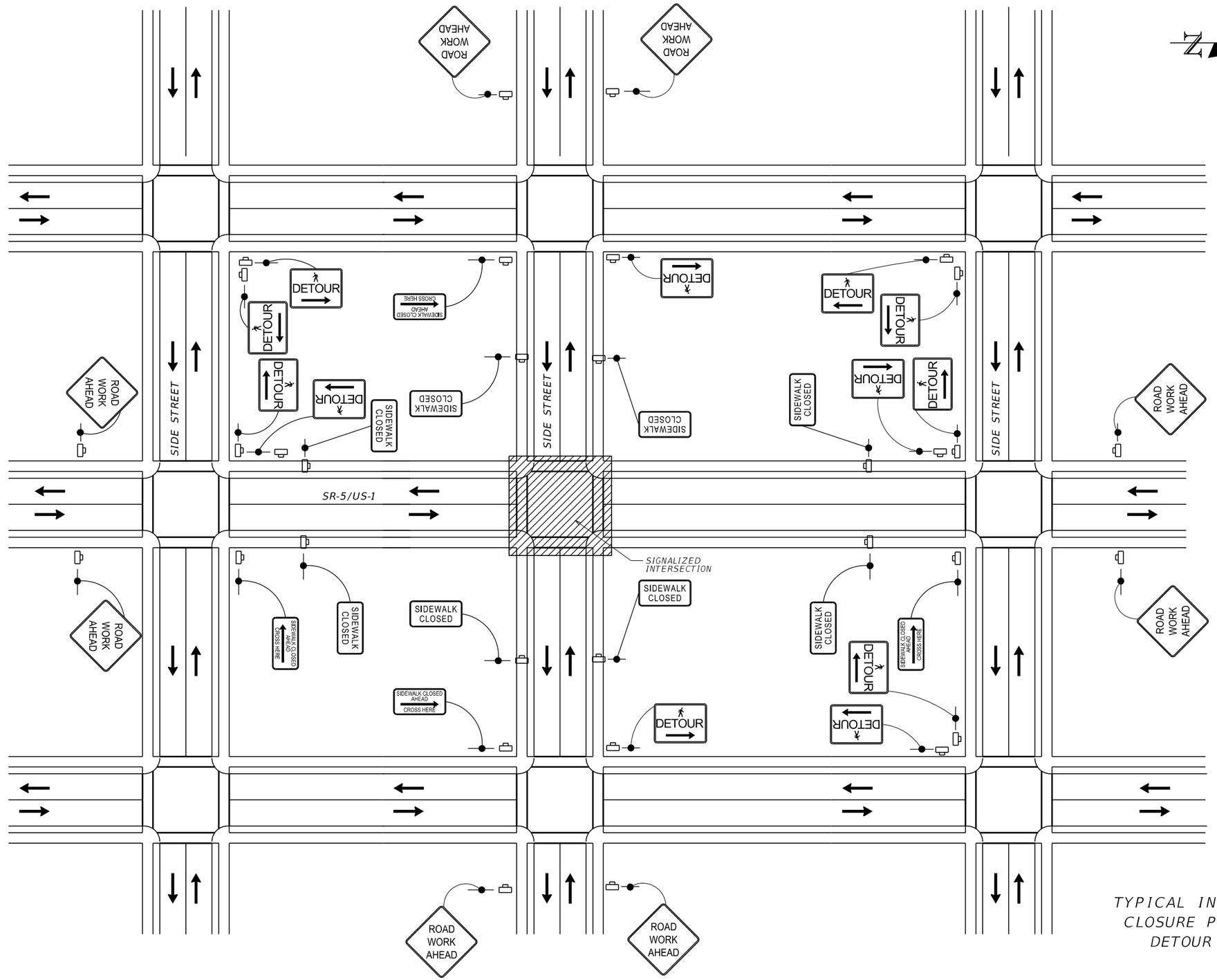
ALEJANDRO URIBE, P.E.
P.E. LICENSE NUMBER 75596
GANNETT FLEMING, INC.
800 NW 62ND AVE - SUITE 490
MIAMI, FLORIDA 33126

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

TEMPORARY TRAFFIC CONTROL PLANS

SHEET NO.
19



TYPICAL INTERSECTION CLOSURE PEDESTRIAN DETOUR DETAIL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ALEJANDRO URIBE, P.E.
P.E. LICENSE NUMBER 75596
GANNETT FLEMING, INC.
800 NW 62ND AVE - SUITE 490
MIAMI, FLORIDA 33126

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

TEMPORARY TRAFFIC CONTROL PLANS

SHEET NO. 20

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12/15/2021 4:57:23 PM
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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

HAYES ST

MATCH LINE STA. 148+40.00

R/W LINE

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.
21

12/16/2021 11:12:40 AM
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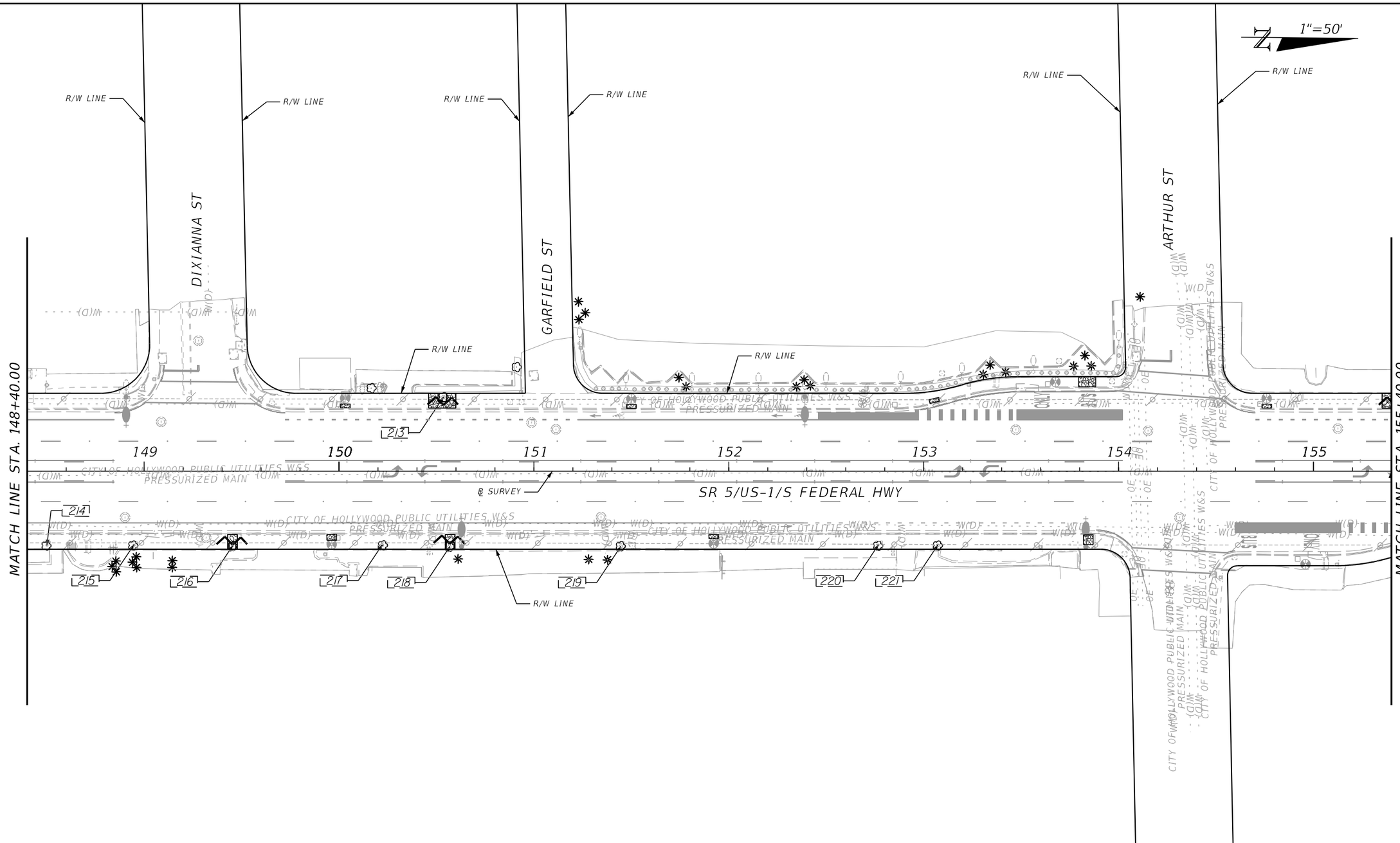

LEGEND

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.
22

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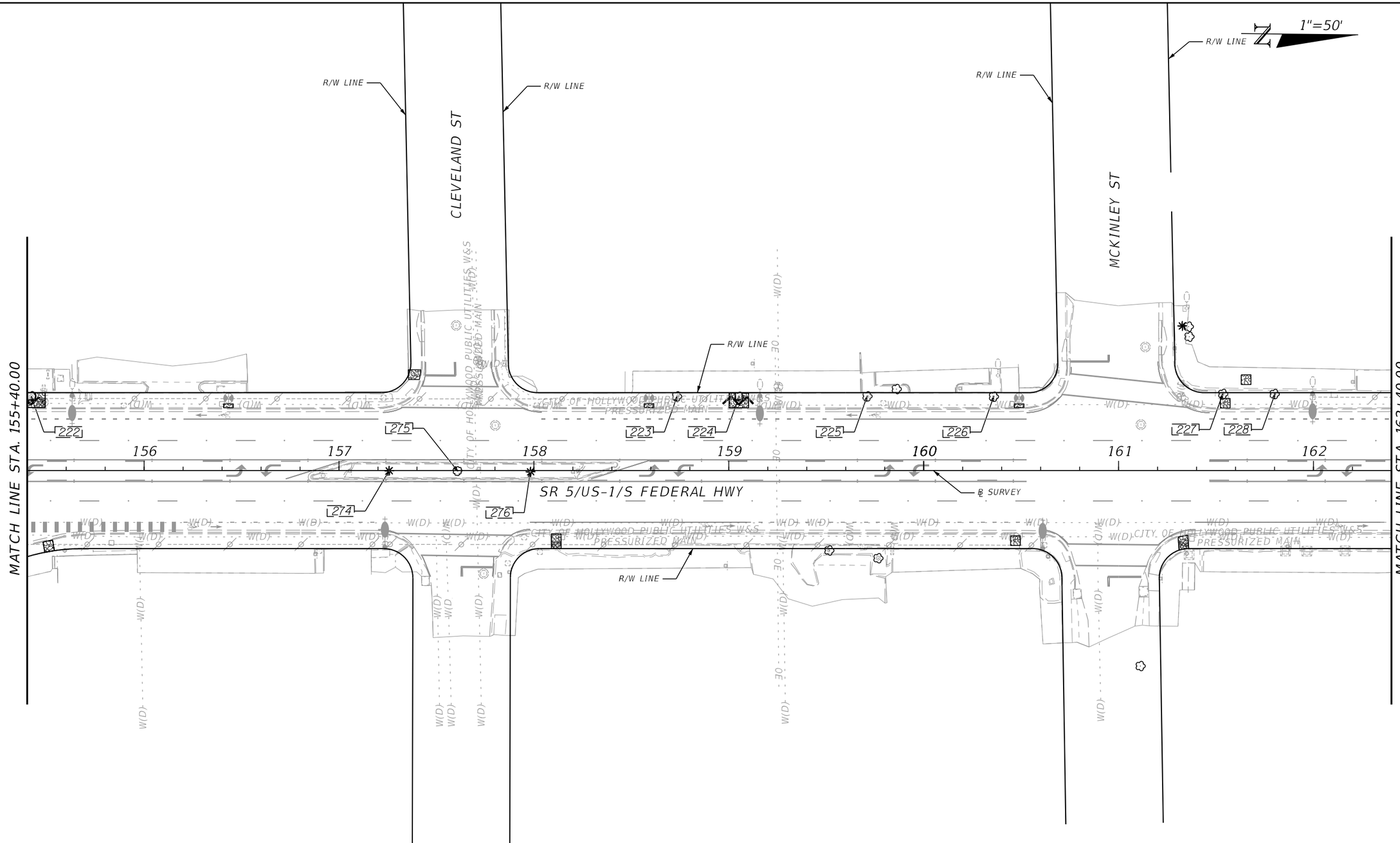

LEGEND

- 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. 23

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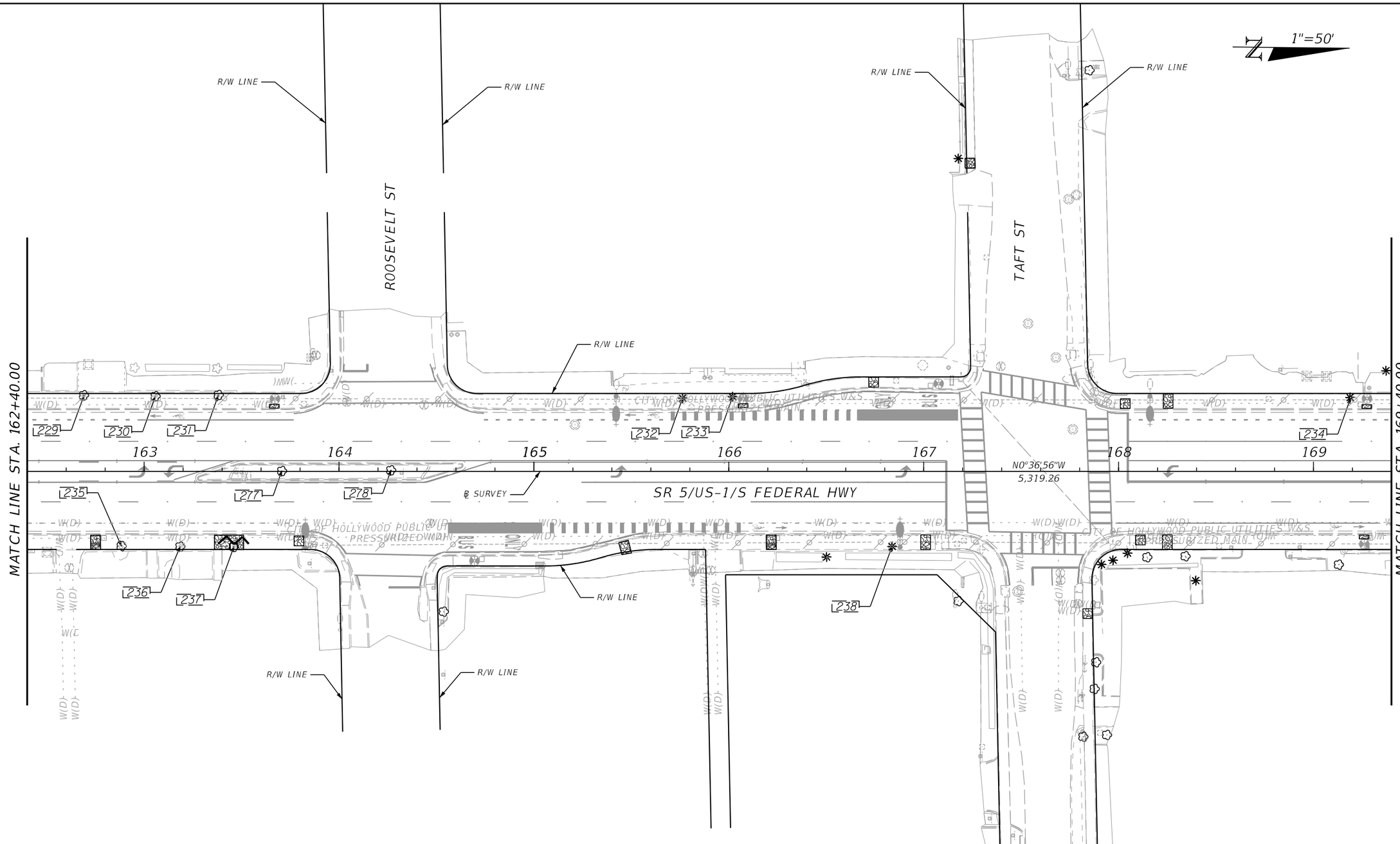

LEGEND

ROOT PRUNE/GRIND AS NECESSARY (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

12/16/2021 11:12:44 AM
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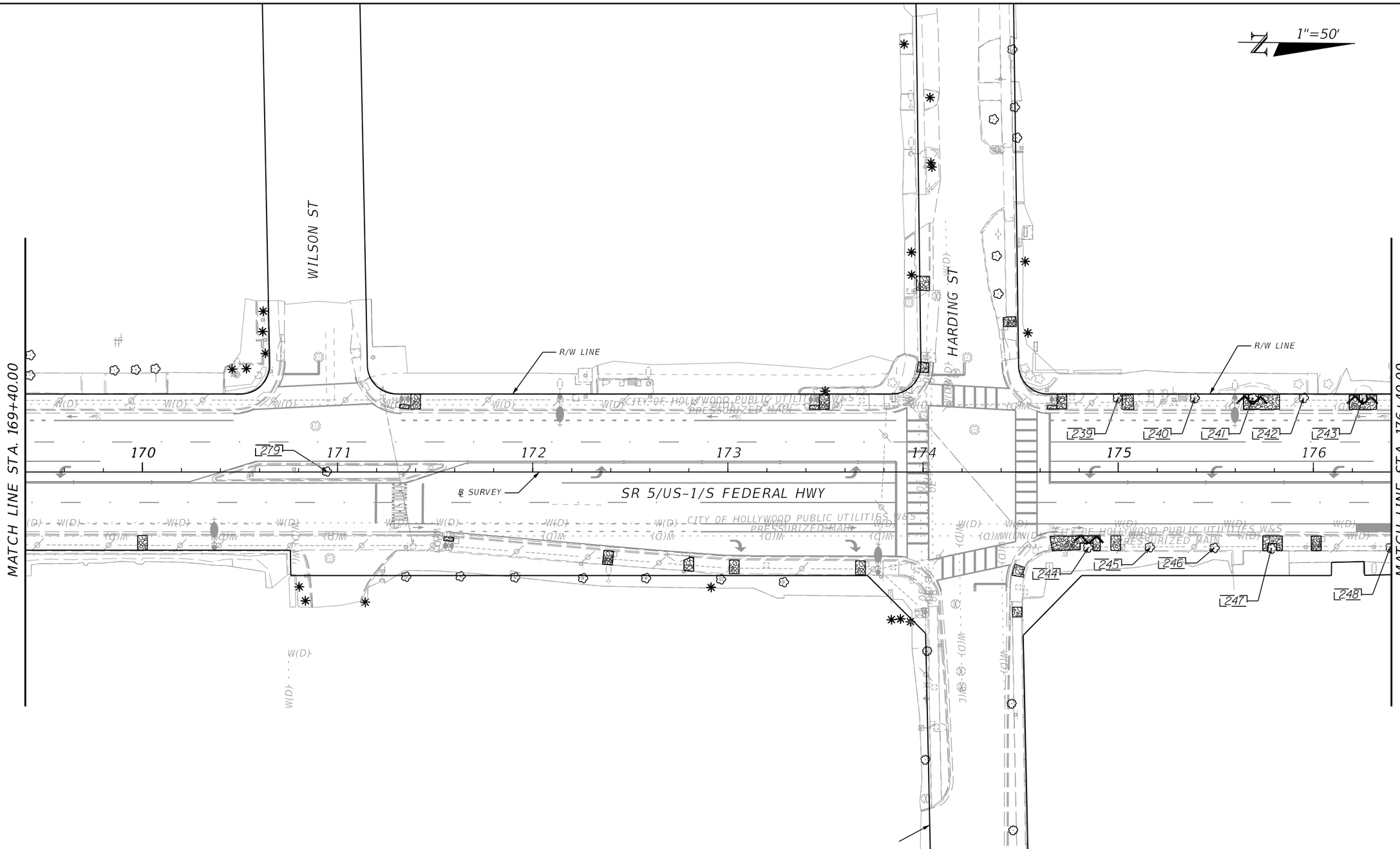
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.



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. 25

12/16/2021 11:12:45 AM
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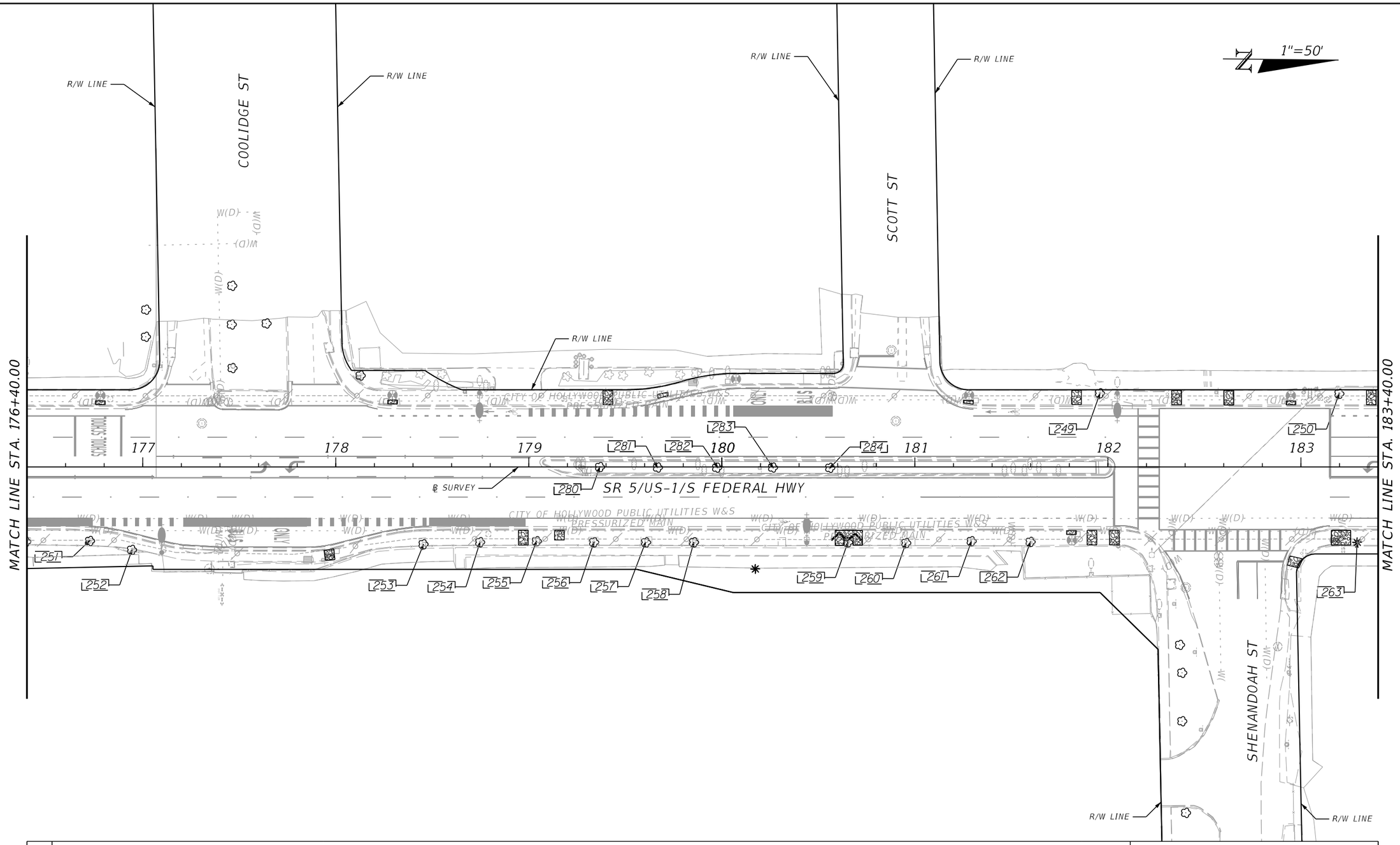
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.



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. 26

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

12/16/2021 11:12:46 AM
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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

℄ SURVEY

SR 5/US-1/S FEDERAL HWY

CITY OF HOLLYWOOD PUBLIC UTILITIES W&S PRESSURIZED MAIN

SCHOOL SIGNAL

264 265 266 267 268 269 270 271 285 286

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. 27

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

12/16/2021 11:12:47 AM
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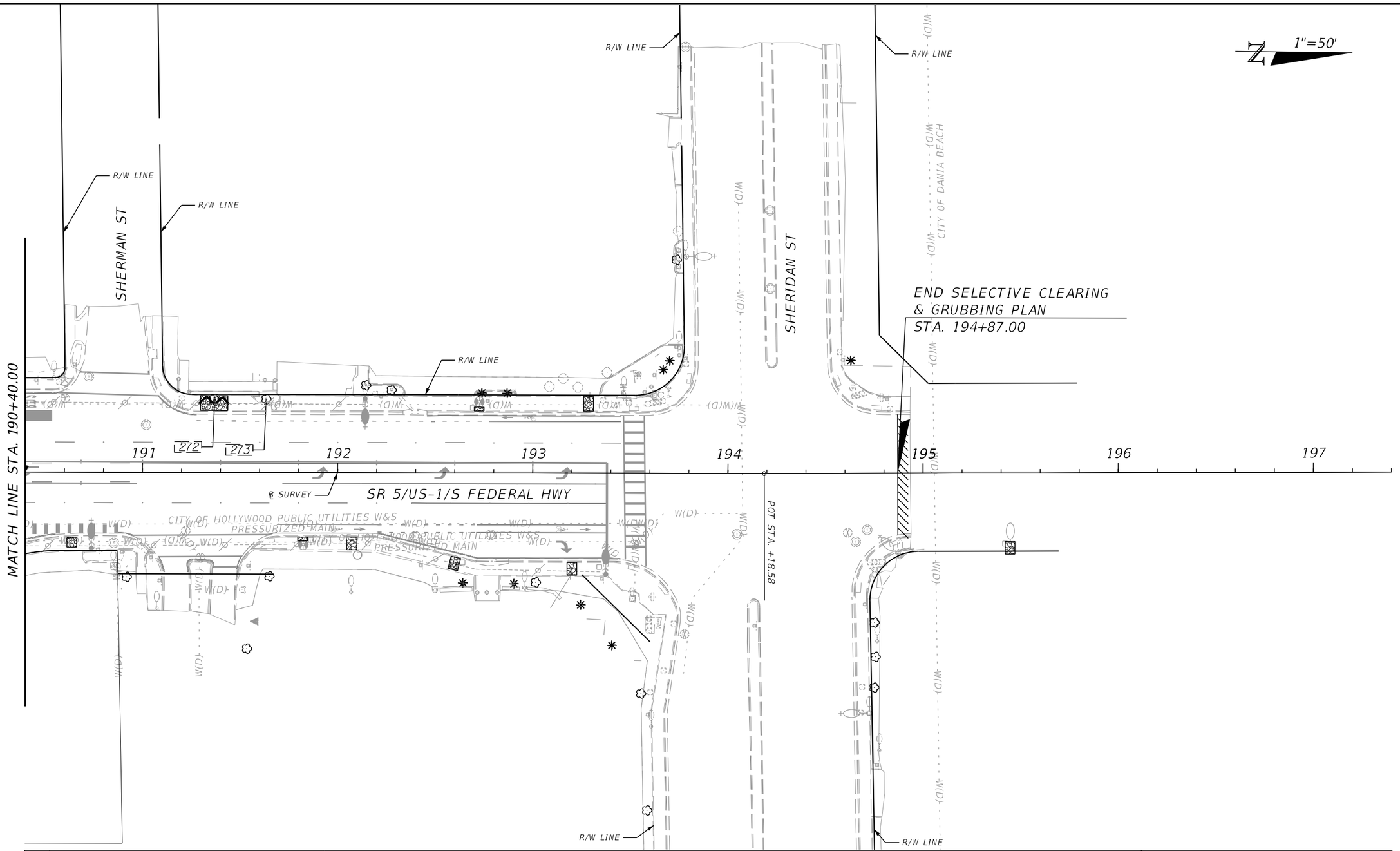

LEGEND

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. 28

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

12/16/2021 11:12:48 AM
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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			
22	200	TH	TABEBUIA HETEROPHYLLA	PINK TRUMPET TREE	7	20	12	142+31.54	41.46 / LT	GOOD	REMAIN	TREE OUTSIDE OF R/W
22	201	TH	TABEBUIA HETEROPHYLLA	PINK TRUMPET TREE	4	15	10	142+54.13	41.47 / LT	GOOD	REMAIN	TREE OUTSIDE OF R/W
22	202							142+82.51	41.59 / LT			MISSING TREE
22	203	QV	QUERCUS VIRGINIANA	LIVE OAK	18	25	48	143+46.63	38.45 / LT	GOOD	REMAIN	
22	204	QV	QUERCUS VIRGINIANA	LIVE OAK	18	35	42	146+00.95	38.32 / LT	GOOD	REMAIN	
22	205	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	48	146+36.82	38.40 / LT	GOOD	REMAIN	
22	206	QV	QUERCUS VIRGINIANA	LIVE OAK	32	40	40	147+05.22	38.38 / LT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
22	207	QV	QUERCUS VIRGINIANA	LIVE OAK	16	35	35	147+46.69	38.37 / LT	GOOD	REMAIN	
22	208	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	30	144+76.41	37.78 / RT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
22	209	QV	QUERCUS VIRGINIANA	LIVE OAK	20	30	25	145+40.93	38.20 / RT	GOOD	REMAIN	
22	210	QV	QUERCUS VIRGINIANA	LIVE OAK	10	30	25	146+14.75	38.67 / RT	GOOD	REMAIN	METAL 'OBLIO' GRATE WITH 20 INCHES OPENING
22	211	QV	QUERCUS VIRGINIANA	LIVE OAK	10	30	20	146+34.70	39.00 / RT	GOOD	REMAIN	
22	212	QV	QUERCUS VIRGINIANA	LIVE OAK	20	40	34	147+25.88	38.96 / RT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
23	213	QV	QUERCUS VIRGINIANA	LIVE OAK	17	30	34	150+53.60	38.05 / LT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
23	214	QV	QUERCUS VIRGINIANA	LIVE OAK	12	30	34	148+50.17	37.87 / RT	GOOD	REMAIN	
23	215	QV	QUERCUS VIRGINIANA	LIVE OAK	14	30	30	148+94.77	37.93 / RT	GOOD	REMAIN	
23	216	QV	QUERCUS VIRGINIANA	LIVE OAK	12	30	30	149+45.38	38.34 / RT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
23	217	QV	QUERCUS VIRGINIANA	LIVE OAK	22	40	42	150+22.45	38.02 / RT	GOOD	REMAIN	
23	218	QV	QUERCUS VIRGINIANA	LIVE OAK	17	35	22	150+56.82	38.76 / RT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
23	219	QV	QUERCUS VIRGINIANA	LIVE OAK	18	40	34	151+44.49	38.50 / RT	GOOD	REMAIN	
23	220	QV	QUERCUS VIRGINIANA	LIVE OAK	11	30	34	152+76.67	37.93 / RT	GOOD	REMAIN	
23	221	QV	QUERCUS VIRGINIANA	LIVE OAK	18	30	38	153+07.20	37.95 / RT	GOOD	REMAIN	
24	222	QV	QUERCUS VIRGINIANA	LIVE OAK	21	35	42	155+42.12	38.17 / LT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
24	223	QV	QUERCUS VIRGINIANA	LIVE OAK	13	30	28	158+73.35	38.10 / LT	GOOD	REMAIN	
24	224	QV	QUERCUS VIRGINIANA	LIVE OAK	13	30	35	159+05.25	37.72 / LT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
24	225	QV	QUERCUS VIRGINIANA	LIVE OAK	10	30	21	159+71.21	38.01 / LT	GOOD	REMAIN	
24	226	QV	QUERCUS VIRGINIANA	LIVE OAK	10	15	12	160+36.21	38.05 / LT	GOOD	REMAIN	
24	227	QV	QUERCUS VIRGINIANA	LIVE OAK	20	35	44	161+53.47	39.45 / LT	GOOD	REMAIN	
24	228	QV	QUERCUS VIRGINIANA	LIVE OAK	12	30	38	161+80.20	39.24 / LT	GOOD	REMAIN	
25	229	QV	QUERCUS VIRGINIANA	LIVE OAK	18	30	36	162+69.15	39.00 / LT	GOOD	REMAIN	
25	230	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	38	163+05.87	38.74 / LT	GOOD	REMAIN	
25	231	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	44	163+38.16	39.25 / LT	GOOD	REMAIN	
25	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
25	233	RR	ROYSTONEA REGIA	ROYAL PALM	15	18 CT	15	166+01.98	38.29 / LT	GOOD	REMAIN	
25	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
25	235	QV	QUERCUS VIRGINIANA	LIVE OAK	20	35	50	162+88.36	38.29 / RT	GOOD	REMAIN	
25	236	QV	QUERCUS VIRGINIANA	LIVE OAK	16	35	32	163+18.49	38.53 / RT	GOOD	REMAIN	
25	237	QV	QUERCUS VIRGINIANA	LIVE OAK	20	35	38	163+46.14	38.46 / RT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY

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. 29

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

12/16/2021 11:12:50 AM cheryl.callender
c:\pwworking\wgi\cheryl.callender\d1929847\TRDCLD01.dgn

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			
25	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
26	239	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	22	175+00.06	37.95 / LT	GOOD	REMAIN	
26	240	QV	QUERCUS VIRGINIANA	LIVE OAK	18	30	20	175+39.25	37.97 / LT	GOOD	REMAIN	
26	241	QV	QUERCUS VIRGINIANA	LIVE OAK	18	30	28	175+69.13	37.87 / LT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
26	242	QV	QUERCUS VIRGINIANA	LIVE OAK	12	30	18	175+95.00	38.03 / LT	GOOD	REMAIN	METAL 'OBLIO' GRATE WITH 20 INCHES OPENING
26	243	QV	QUERCUS VIRGINIANA	LIVE OAK	24	30	44	176+25.63	38.00 / LT	FAIR	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
26	244	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	40	174+84.63	38.79 / RT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
26	245	QV	QUERCUS VIRGINIANA	LIVE OAK	16	30	40	175+16.15	38.51 / RT	GOOD	REMAIN	
26	246	QV	QUERCUS VIRGINIANA	LIVE OAK	18	30	42	175+49.30	38.84 / RT	GOOD	REMAIN	
26	247	QV	QUERCUS VIRGINIANA	LIVE OAK	18	30	34	175+78.55	38.89 / RT	POOR	REMAIN	
26	248	QV	QUERCUS VIRGINIANA	LIVE OAK	15	35	30	176+39.47	38.63 / RT	GOOD	REMAIN	
27	249	QV	QUERCUS VIRGINIANA	LIVE OAK	12	25	30	181+95.79	38.20 / LT	GOOD	REMAIN	
27	250	QV	QUERCUS VIRGINIANA	LIVE OAK	12	25	25	183+19.82	37.99 / LT	GOOD	REMAIN	METAL 'OBLIO' GRATE WITH 20 INCHES OPENING
27	251	QV	QUERCUS VIRGINIANA	LIVE OAK	22	35	36	176+72.52	38.65 / RT	GOOD	REMAIN	
27	252	TC	TABEBUIA CHRYSOTRICHA	GOLDEN TRUMPET TREE	10	25	15	176+94.36	42.85 / RT	GOOD	REMAIN	
27	253	QV	QUERCUS VIRGINIANA	LIVE OAK	22	40	52	178+45.33	39.97 / RT	GOOD	REMAIN	
27	254	QV	QUERCUS VIRGINIANA	LIVE OAK	12	40	36	178+74.67	38.91 / RT	GOOD	REMAIN	
27	255	QV	QUERCUS VIRGINIANA	LIVE OAK	15	40	30	179+04.02	38.40 / RT	GOOD	REMAIN	
27	256	QV	QUERCUS VIRGINIANA	LIVE OAK	14	40	38	179+33.78	38.88 / RT	GOOD	REMAIN	
27	257	QV	QUERCUS VIRGINIANA	LIVE OAK	21	40	42	179+60.62	38.97 / RT	GOOD	REMAIN	
27	258	QV	QUERCUS VIRGINIANA	LIVE OAK	24	45	44	179+85.53	38.88 / RT	FAIR	REMAIN	
27	259	QV	QUERCUS VIRGINIANA	LIVE OAK	24	40	56	180+65.32	38.88 / RT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
27	260	QV	QUERCUS VIRGINIANA	LIVE OAK	21	40	42	180+95.43	39.33 / RT	GOOD	REMAIN	
27	261	QV	QUERCUS VIRGINIANA	LIVE OAK	10	30	30	181+29.29	38.37 / RT	GOOD	REMAIN	
27	262	QV	QUERCUS VIRGINIANA	LIVE OAK	14	40	40	181+59.83	38.67 / RT	GOOD	REMAIN	
27	263	WB	WODYETIA BIFURCATA	FOXTAIL PALM	8	14 CT	10	183+29.15	38.92 / RT	GOOD	REMAIN	
28	264	QV	QUERCUS VIRGINIANA	LIVE OAK	16	30	44	188+37.32	38.13 / LT	GOOD	REMAIN	
28	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
28	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
28	267	QV	QUERCUS VIRGINIANA	LIVE OAK	16	30	34	186+53.86	39.15 / RT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
28	268	QV	QUERCUS VIRGINIANA	LIVE OAK	16	30	30	186+77.51	38.39 / RT	GOOD	REMAIN	
28	269	QV	QUERCUS VIRGINIANA	LIVE OAK	13	30	25	187+12.18	38.40 / RT	GOOD	REMAIN	
28	270	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	30	187+38.03	38.38 / RT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
28	271	QV	QUERCUS VIRGINIANA	LIVE OAK	16	35	42	188+05.96	38.48 / RT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
29	272	QV	QUERCUS VIRGINIANA	LIVE OAK	15	30	35	191+36.73	38.05 / LT	GOOD	REMAIN	ROOT PRUNE/GRIND AS NECESSARY
29	273	QV	QUERCUS VIRGINIANA	LIVE OAK	10	25	22	191+63.35	37.64 / LT	FAIR	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	439991-1-52-01

TREE DISPOSITION CHART

SHEET NO. 30

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			
24	274							157+25.77	.09 /RT			MISSING TREE
24	275	QV	QUERCUS VIRGINIANA	LIVE OAK	4	12	20	157+61.00	.18 / RT	GOOD	REMAIN	
24	276	PE	PTYCHOSPERMA ELEGANS	SOLITAIRE PALM	8	15 CT	12	157+98.21	.58 / RT	GOOD	REMAIN	
25	277							163+70.66	.27 / LT			MISSING TREE
25	278							164+26.65	.68 / LT			MISSING TREE
26	279	QV	QUERCUS VIRGINIANA	LIVE OAK	10	28	20	170+94.51	.39 / LT	GOOD	REMAIN	
27	280	QV	QUERCUS VIRGINIANA	LIVE OAK	8	25	20	179+36.78	.10 / RT	GOOD	REMAIN	
27	281	QV	QUERCUS VIRGINIANA	LIVE OAK	8	25	20	179+66.62	.24 / RT	GOOD	REMAIN	
27	282	QV	QUERCUS VIRGINIANA	LIVE OAK	7	25	18	179+97.88	.30 / RT	GOOD	REMAIN	
27	283	QV	QUERCUS VIRGINIANA	LIVE OAK	8	28	20	180+26.58	.41 / RT	GOOD	REMAIN	
27	284	CG	CAESALPINIA GRANADILLO	BRIDALVEIL TREE	6	20	25	180+55.78	.72 / RT	GOOD	REMAIN	
28	285	PE	PTYCHOSPERMA ELEGANS	SOLITAIRE PALM	4	7 CT	8	188+55.90	.58 / RT	GOOD	REMAIN	
28	286	PE	PTYCHOSPERMA ELEGANS	SOLITAIRE PALM	4	8 CT	8	189+45.73	.29 / 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	439991-1-52-01

TREE DISPOSITION CHART

SHEET NO.
31

STATE OF FLORIDA

DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

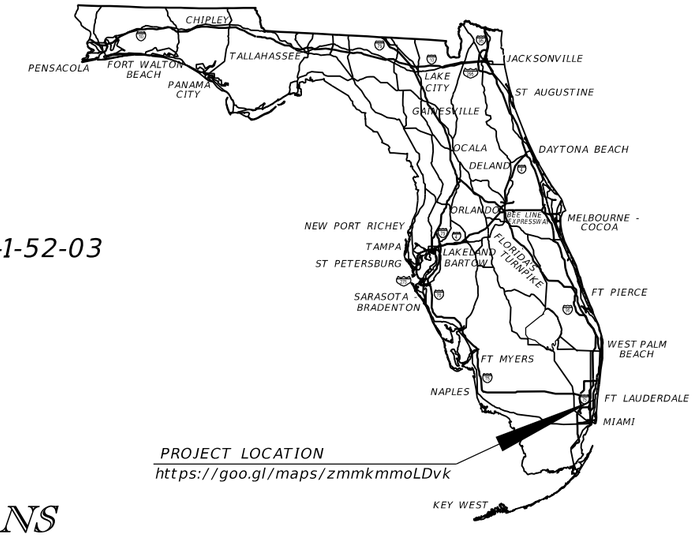
FINANCIAL PROJECT ID(s): 439991-1-52-01. 439991-1-52-02 & 439991-1-52-03

(FEDERAL FUNDS)

BROWARD COUNTY (86010)

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

FROM JOHNSON ST TO SR 822/SHERIDAN ST



INDEX OF SIGNING AND PAVEMENT MARKINGS PLANS

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2 - S-9	PLAN SHEETS

SIGNING AND PAVEMENT MARKINGS PLANS

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

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SIGNING AND PAVEMENT MARKINGS 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	S-1

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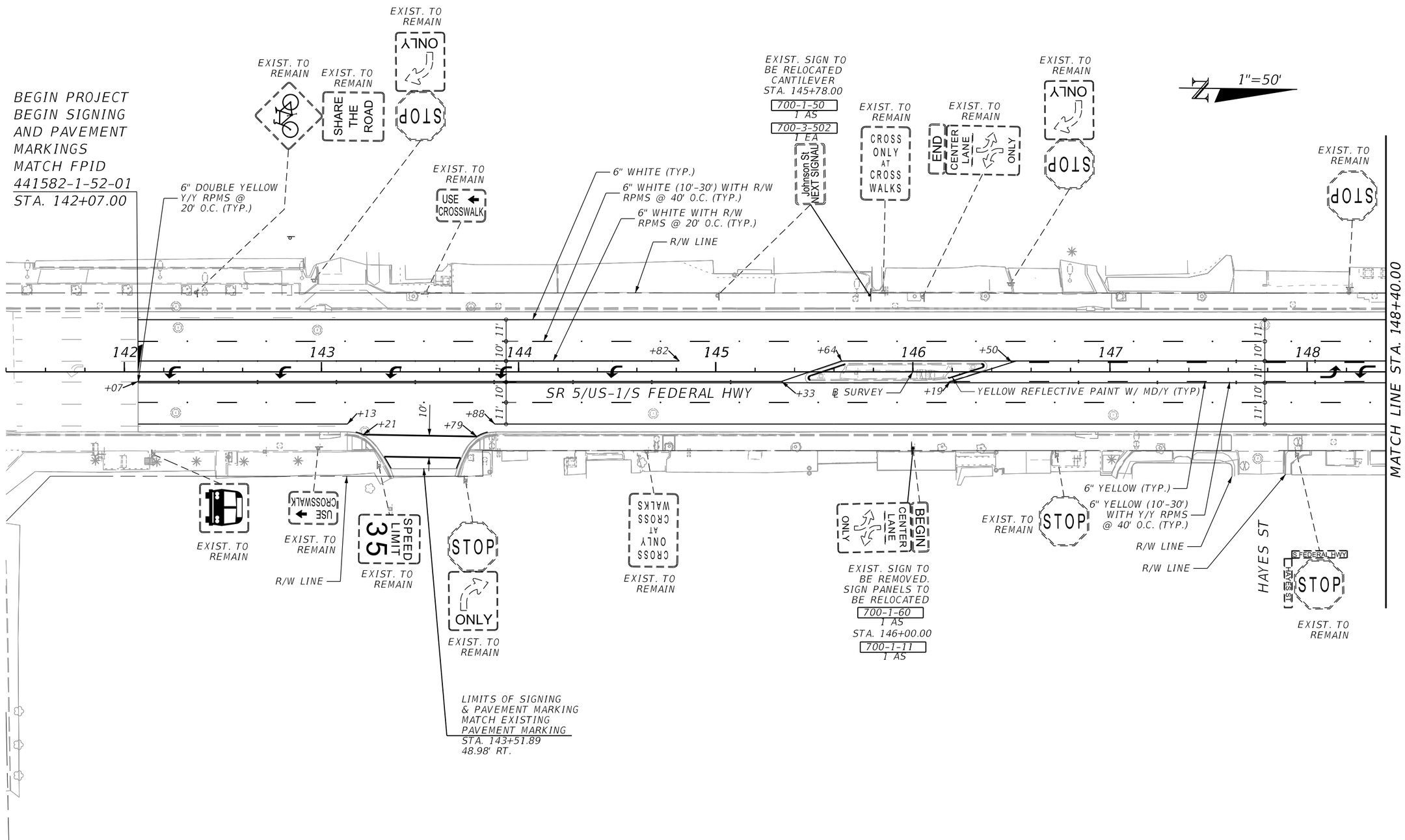

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

SIGNING & PAVEMENT MARKING PLAN

SHEET NO.
S-2

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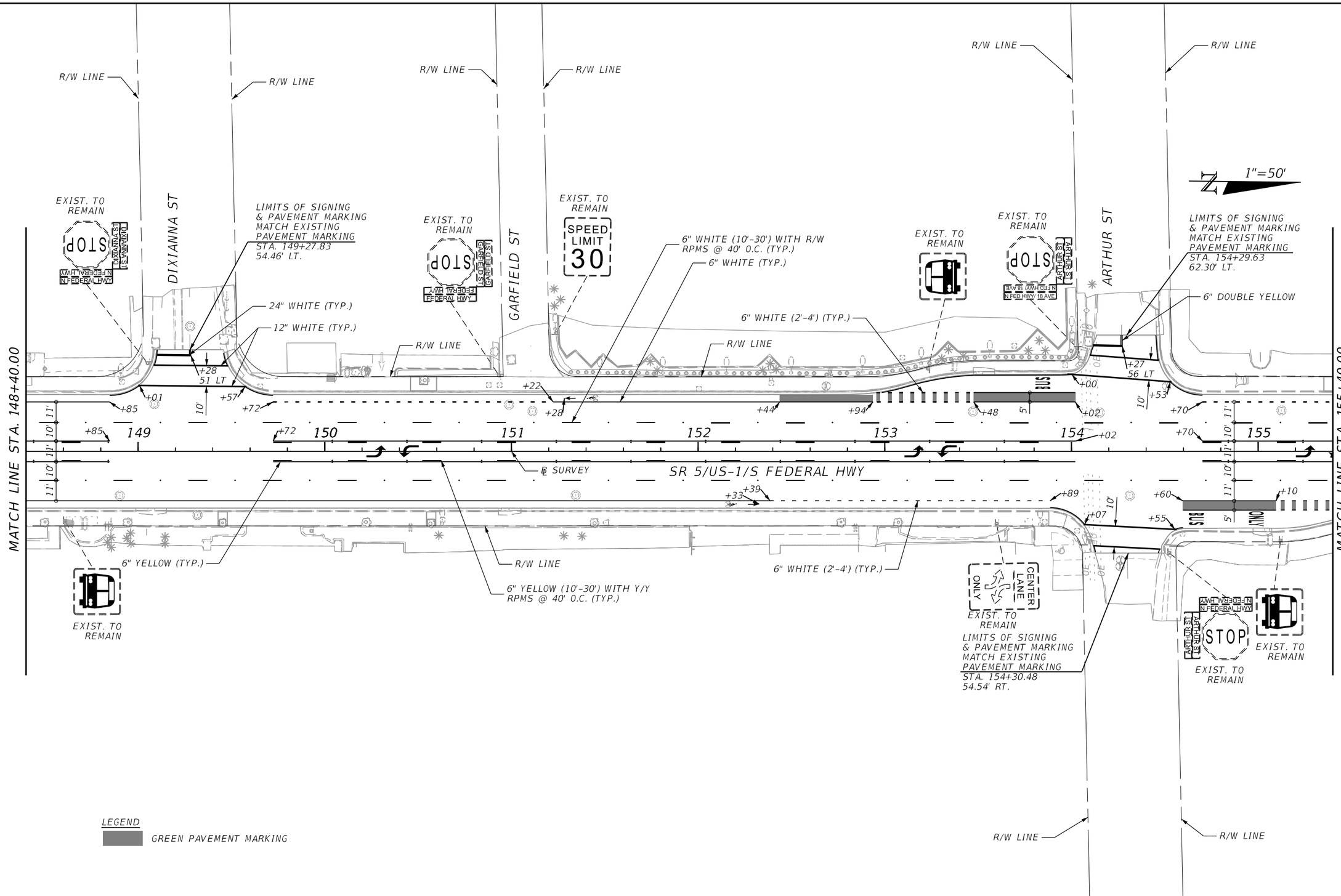

LEGEND

GREEN PAVEMENT MARKING

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

SIGNING & PAVEMENT MARKING PLAN

SHEET NO.
S-3

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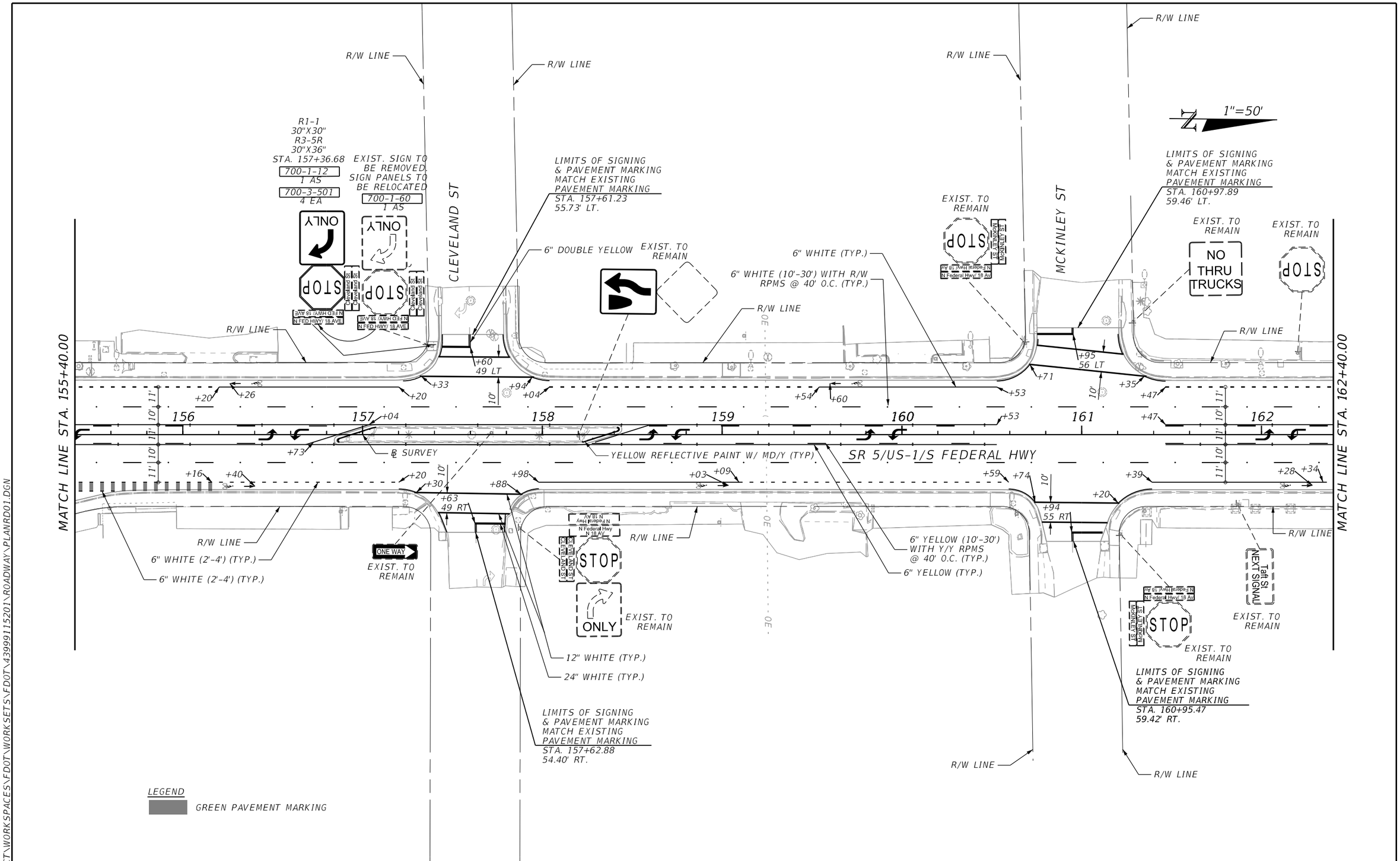

REVISIONS			
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TRACE CONSULTANTS, INC.
8900 SW 117 AVENUE, SUITE 105B
MIAMI, FLORIDA 33186
TEL. (786) 808-0106

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

SIGNING & PAVEMENT MARKING PLAN

SHEET NO.
S-4

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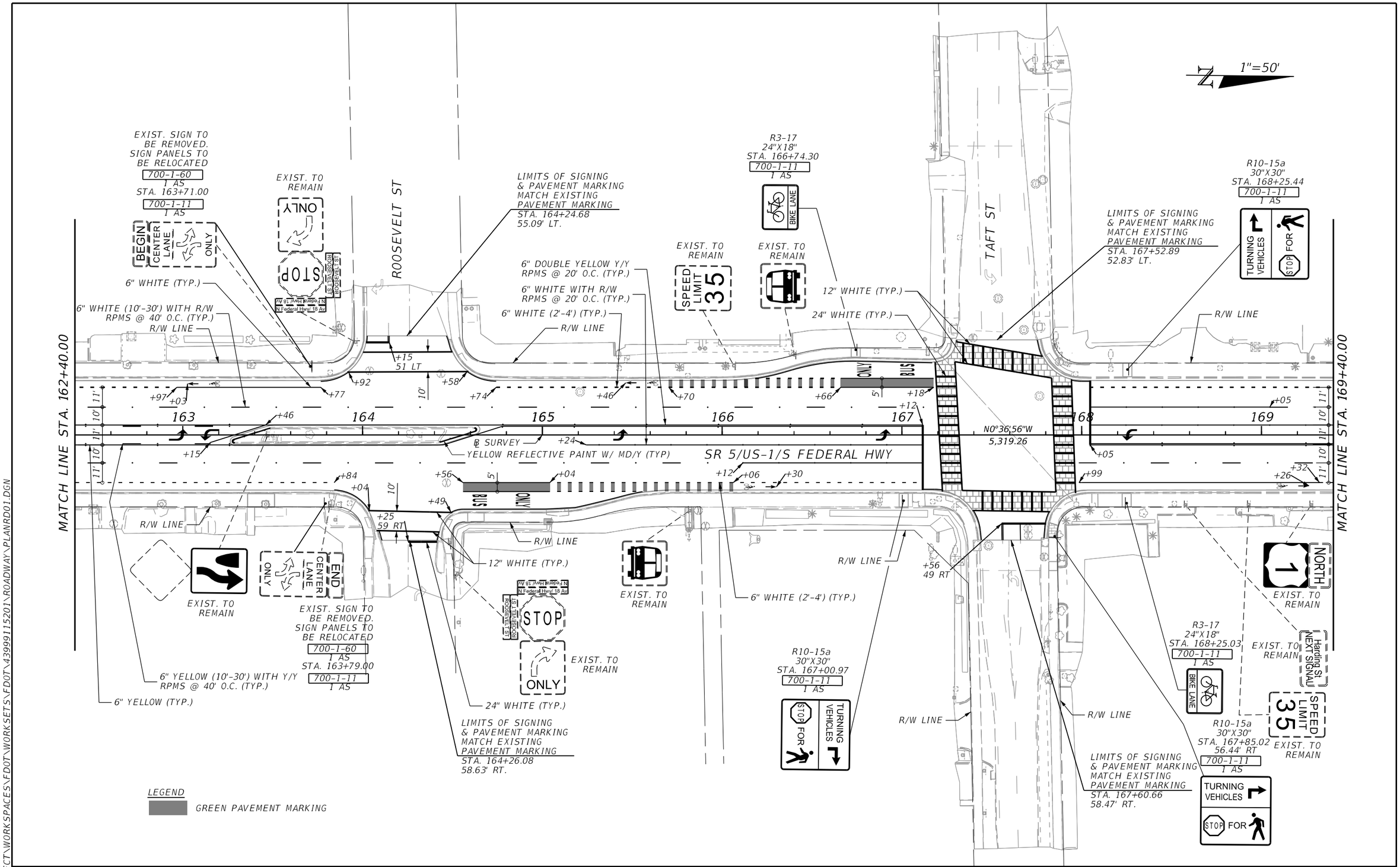

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

SIGNING & PAVEMENT MARKING PLAN

SHEET NO.
S-5

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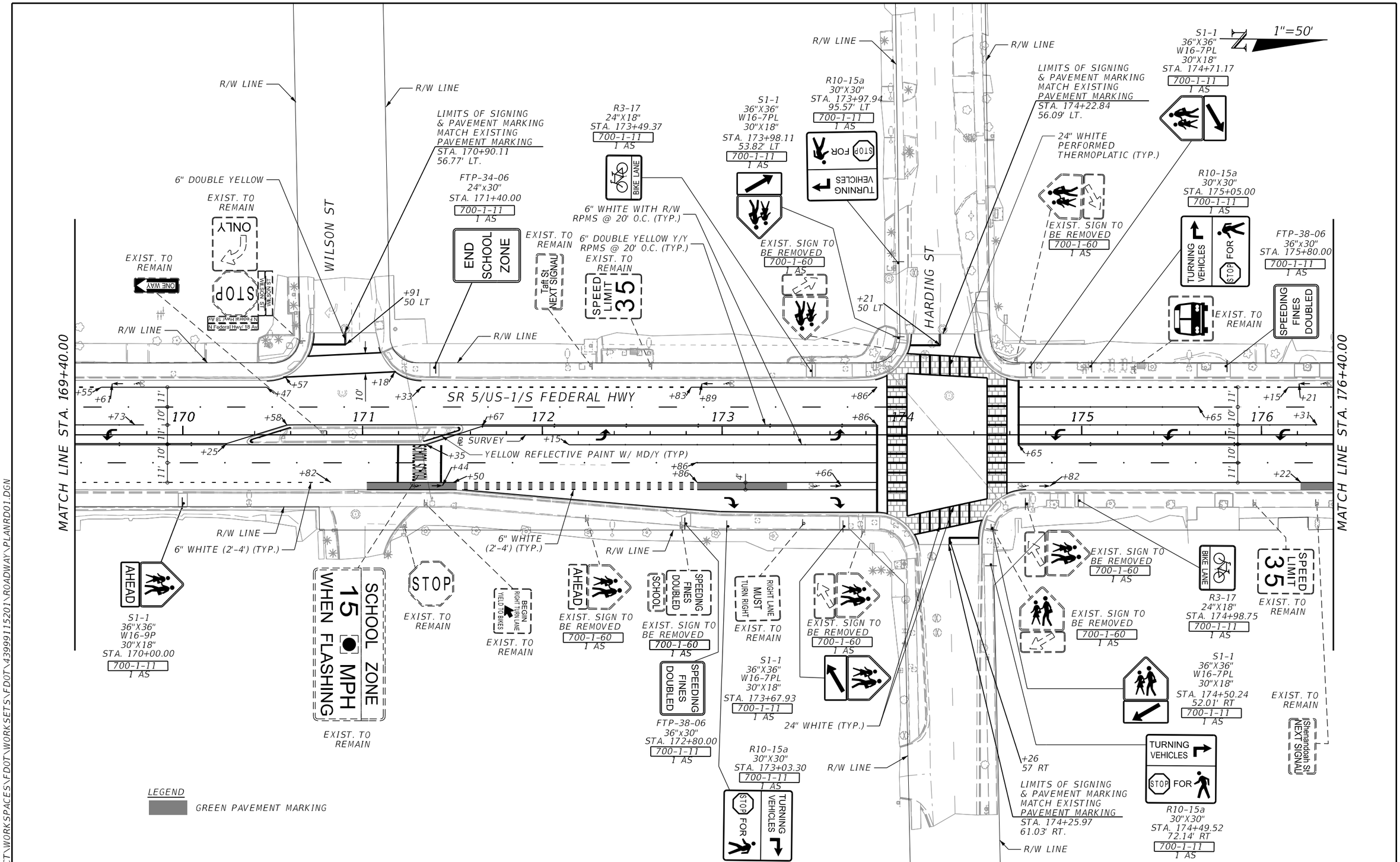

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

SIGNING & PAVEMENT MARKING PLAN

SHEET NO.
S-6

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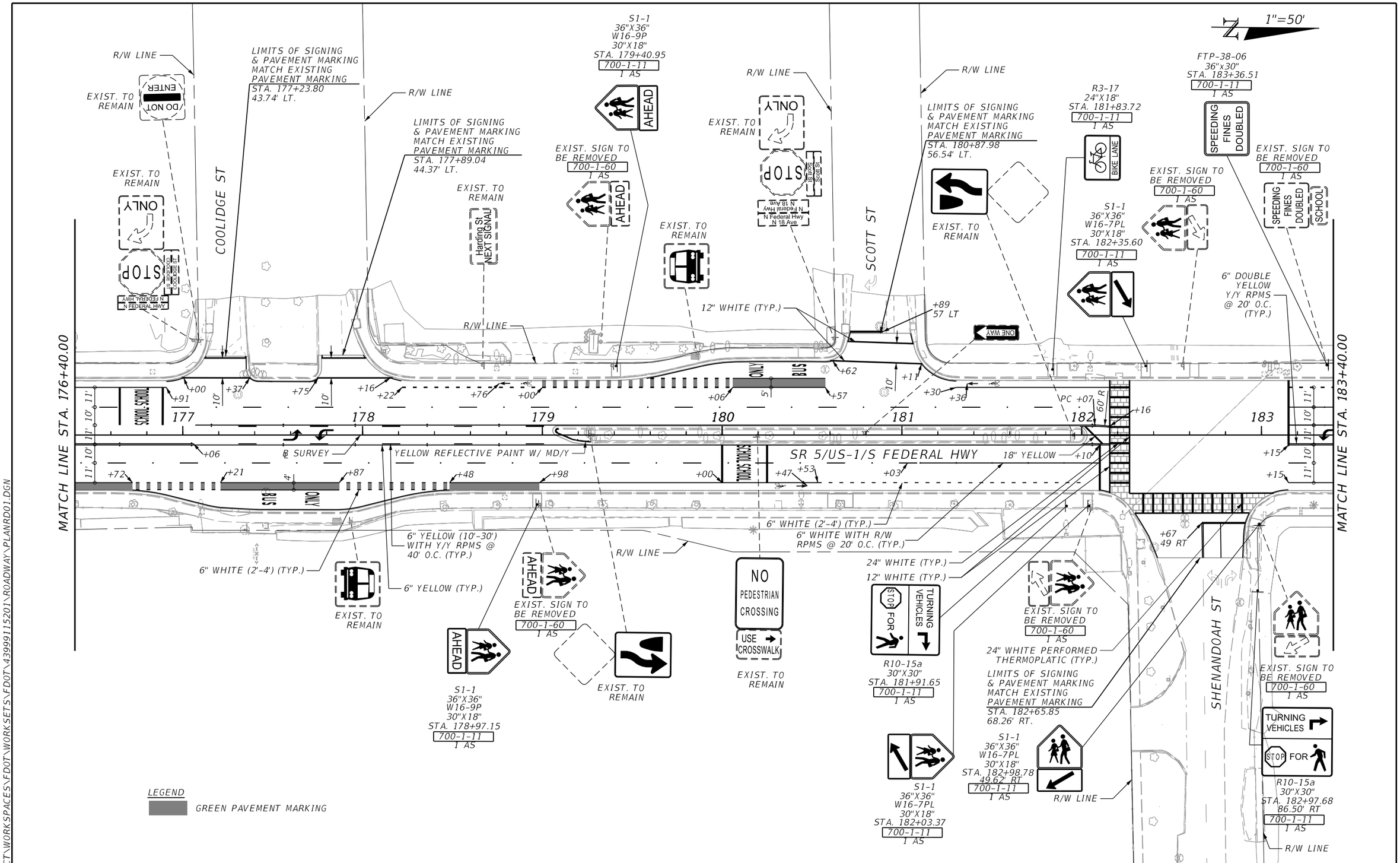

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

SIGNING & PAVEMENT MARKING PLAN

SHEET NO.
S-7

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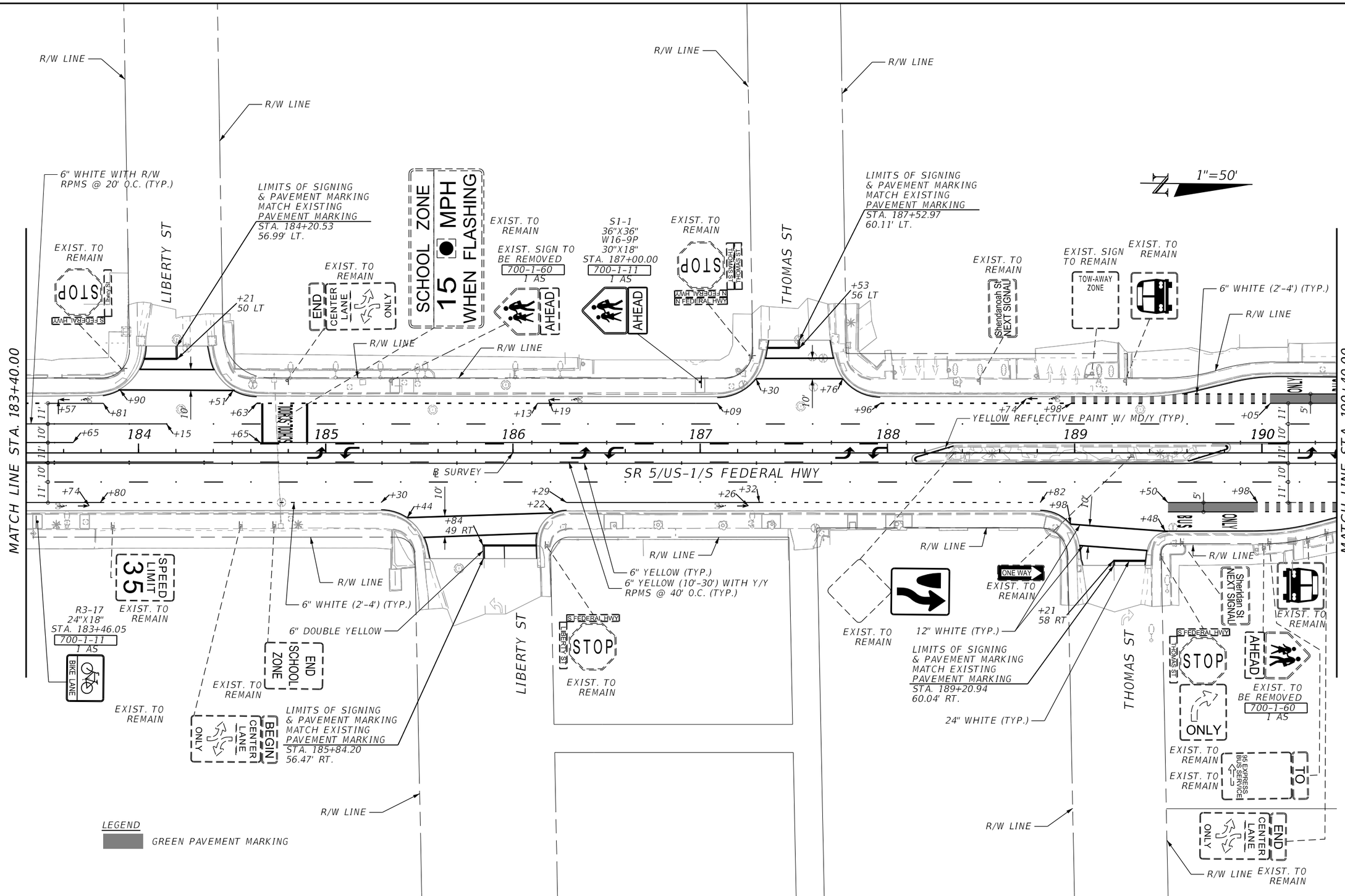

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

SIGNING & PAVEMENT MARKING PLAN

SHEET NO.
S-8

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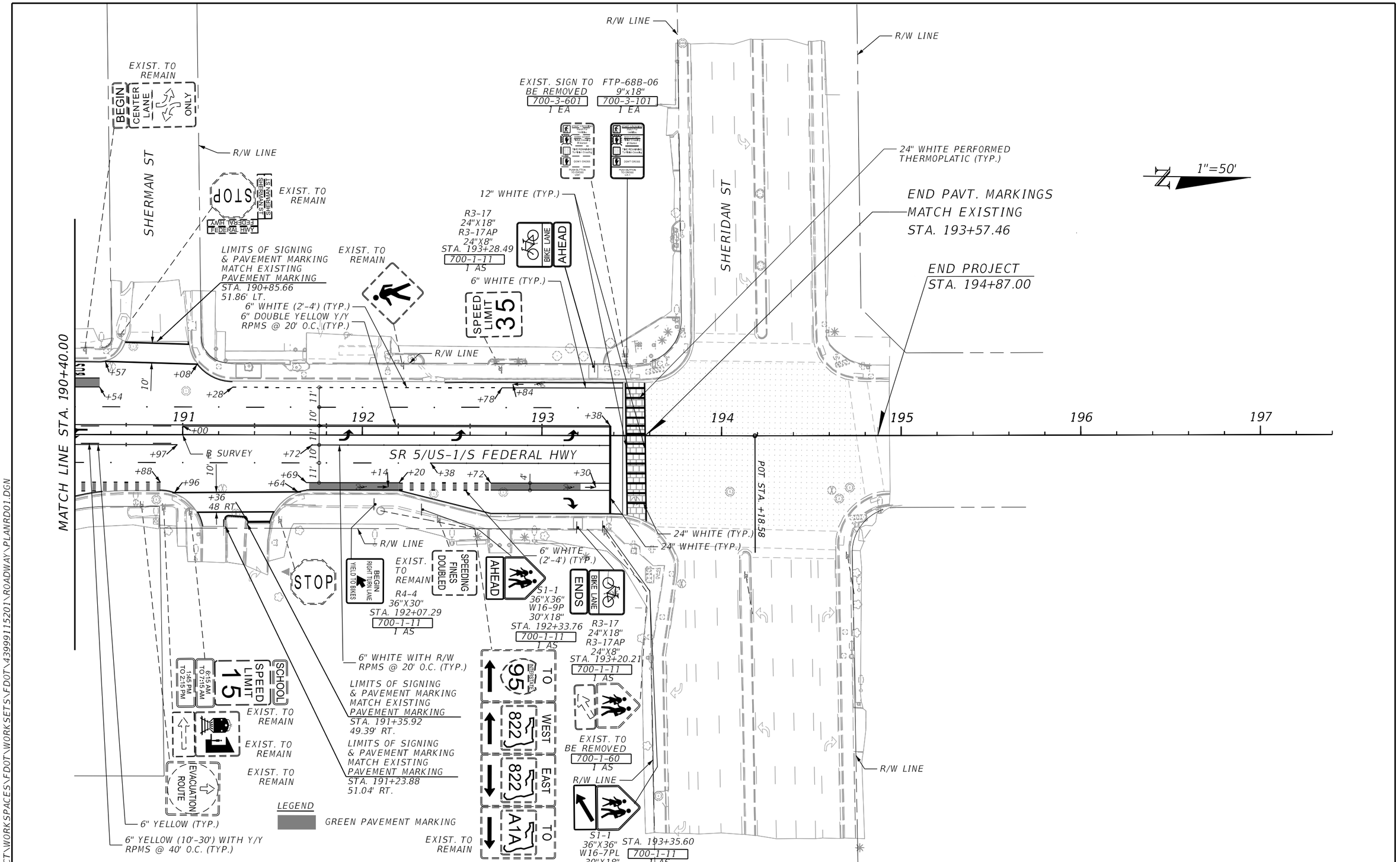

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

SIGNING & PAVEMENT MARKING PLAN

SHEET NO.
S-9

STATE OF FLORIDA

DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

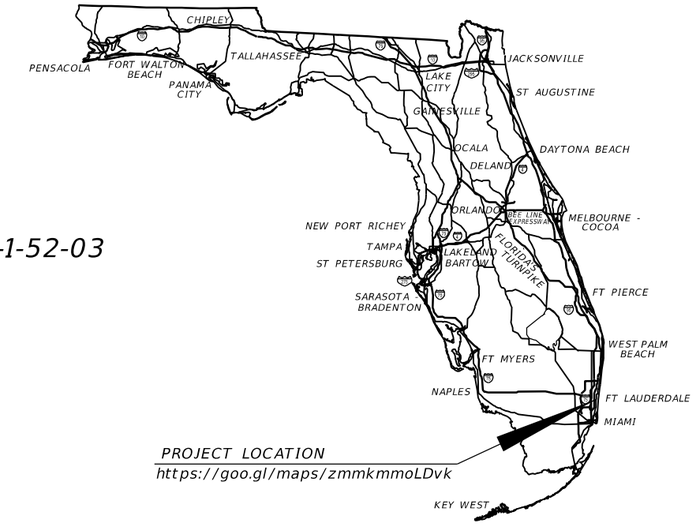
FINANCIAL PROJECT ID(s): 439991-1-52-01, 439991-1-52-02 & 439991-1-52-03
(FEDERAL FUNDS)

BROWARD COUNTY (86010)

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

FROM JOHNSON ST TO SR 822/SHERIDAN ST

SIGNALIZATION PLANS



INDEX OF SIGNALIZATION PLANS

SHEET NO.	SHEET DESCRIPTION
T-1	KEY SHEET
T-2	GENERAL NOTES
T-3 - T-5	SIGNALIZATION PLAN

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

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SIGNALIZATION 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	T-1

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GENERAL NOTES

1. AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION,THE CONTRACTOR SHALL PROVIDE WRITTEN NOTICE OF COMMENCEMENT, VIA EMAIL, TO TEINSPECTION@BROWARD.ORG. NOTICE SHALL INCLUDE THE DATE OF COMMENCEMENT, LOCATION AND TYPE OF WORK & INFORMATION REGARDING ANY MALFUNCTIONING SIGNAL EQUIPMENT. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO OBTAIN AND FILL OUT THE COUNTY'S "ACCEPTANCE OF TRAFFIC SIGNAL MAINTENANCE AND TIMING BY CONTRACTOR DURING CONSTRUCTION AND BURN-IN PERIOD" FORM LETTER, AVAILABLE AT BCTED, PRIOR TO COMMENCEMENT OF ANY WORK. MAINTENANCE OF THE SIGNAL OPERATION, INCLUDING TIMING ADJUSTMENTS, WILL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THE COUNTY ISSUES WRITTEN FINAL ACCEPTANCE OF THE INTERSECTION, AT WHICH TIME MAINTENANCE RESPONSIBILITIES ARE PROPERLY TRANSFERRED TO THE COUNTY.

2. APPROVAL OF SHOP DRAWINGS DOES NOT CONSTITUTE A WARRANTY THAT THE SIGNAL EQUIPMENT COMPLIES WITH THE STANDARDS OF THE MAINTAINING AGENCY. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT THE PROPOSED SIGNAL EQUIPMENT MEETS THE REQUIREMENTS SPECIFIED IN THE CONTRACT, SPECIFICATIONS AND CONTRACT PLANS.

3. THE CONTRACTOR SHALL COORDINATE A FIELD MEETING WITH THE SIGNAL SUPERVISOR, PRIOR TO REMOVING ANY EXISTING EQUIPMENT, TO DETERMINE WHICH EQUIPMENT SHOULD BE DELIVERED TO BCTED. THE AGREED UPON EQUIPMENT SHALL BE DISASSEMBLED INTO THEIR COMPONENT PARTS, TAGGED AS TO LOCATION, PACKAGED AS NEEDED FOR PROTECTION FROM DAMAGE AND DELIVERED TO:

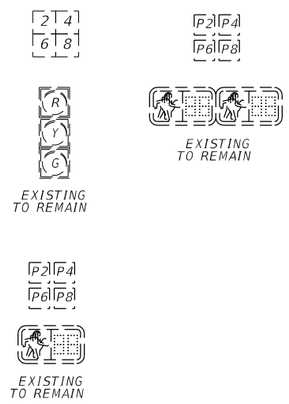
BROWARD COUNTY TRAFFIC ENGINEERING DIVISION
2300 WEST COMMERCIAL BLVD
FORT LAUDERDALE, FL 33309

ALL SIGNALIZATION EQUIPMENT THAT IS REMOVED AND NOT REQUESTED BY BCTED SHALL BE PROPERLY DISPOSED OF AT THE CONTRACTOR'S EXPENSE IN A MANNER AND LOCATION APPROVED BY THE SIGNAL SUPERVISOR.

THE SIGNAL SUPERVISOR IS TO BE CONTACTED AT 954-847-2600 AT LEAST 48 HOURS PRIOR TO DELIVERY. WRITTEN ACKNOWLEDGEMENT OF EQUIPMENT RECEIPT SHALL BE OBTAINED FROM THE SIGNAL SUPERVISOR IN THE FORM OF A SIGNED RECEIPT BEARING THE CONTRACTOR'S LETTERHEAD. THIS ITEMIZED RECEIPT SHALL STATE THAT ALL OF THE EQUIPMENT REMOVED FROM EACH LOCATION WAS RETURNED TO BCTED IN GOOD CONDITION. THE CONTRACTOR SHALL PRESENT THE RECEIPT TO BCTED AT THE TIME OF SIGNAL INSPECTION. ABSENCE OF SUCH RECEIPT SHALL BE RECORDED ON THE PUNCH LIST AS AN ITEM TO BE CORRECTED PRIOR TO FINAL APPROVAL OF THE INSTALLATION.

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

SIGNAL HEAD DETAILS



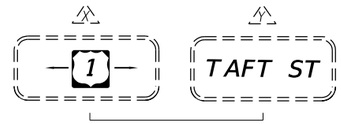
FTP-68B-06 (9"X18") 4 EA

FTP-68B-06 (9"X18") 4 EA

4 EA

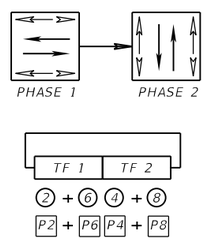
(TO BE REMOVED WITH PEDESTRIAN DETECTORS)

SIGN DETAILS



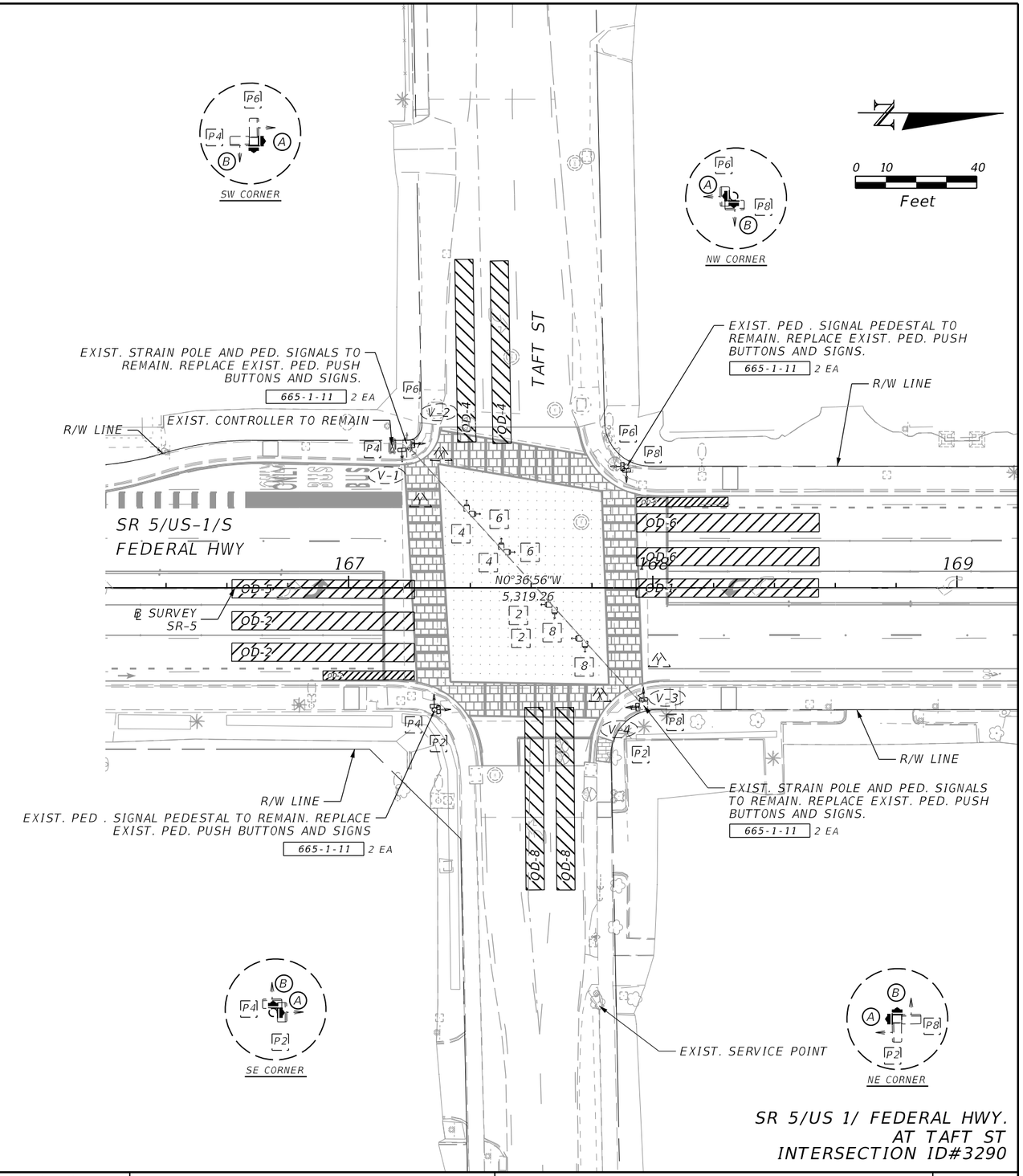
EXISTING OVERHEAD SIGNS TO REMAIN

S.O.P. No. 1



OPTICAL DETECTION ASSIGNMENTS		
VD UNIT	OPERATION	CONNECTED TO MOVEMENT
V-1	PRESENCE	OD-8
V-2	PRESENCE	OD-1 & OD-6
V-3	PRESENCE	OD-4
V-4	PRESENCE	OD-2 & OD-5

REMOVAL ITEMS		
PAY ITEM	QUANTITY	UNIT
665-1-60	8	EA
700-3-601	4	EA



SIGNAL OPERATION

1. MAJOR STREET: SR 5 / US-1/ FEDERAL HIGHWAY
   MINOR STREET: TAFT ST
2. SIGNAL OPERATING PLAN (S.O.P.) AND EXISTING TIMING TO REMAIN

LEGEND

- EXISTING VIDEO DETECTOR
- EXISTING OPTICAL DETECTION ZONE
- PROPOSED PEDESTRIAN PUSHBUTTON
- EXISTING PED. MOVEMENT
- EXISTING PED. SIGNAL

SR 5/US 1/ FEDERAL HWY.
AT TAFT ST
INTERSECTION ID#3290

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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

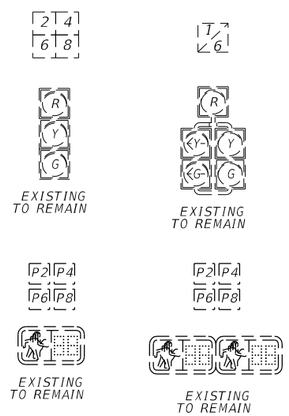
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

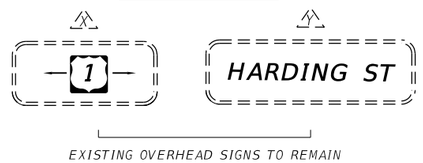
SIGNALIZATION PLAN

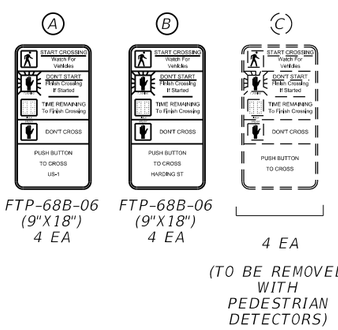
SHEET NO. T-3

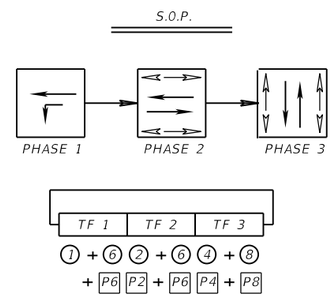
SIGNAL HEAD DETAILS



SIGN DETAILS





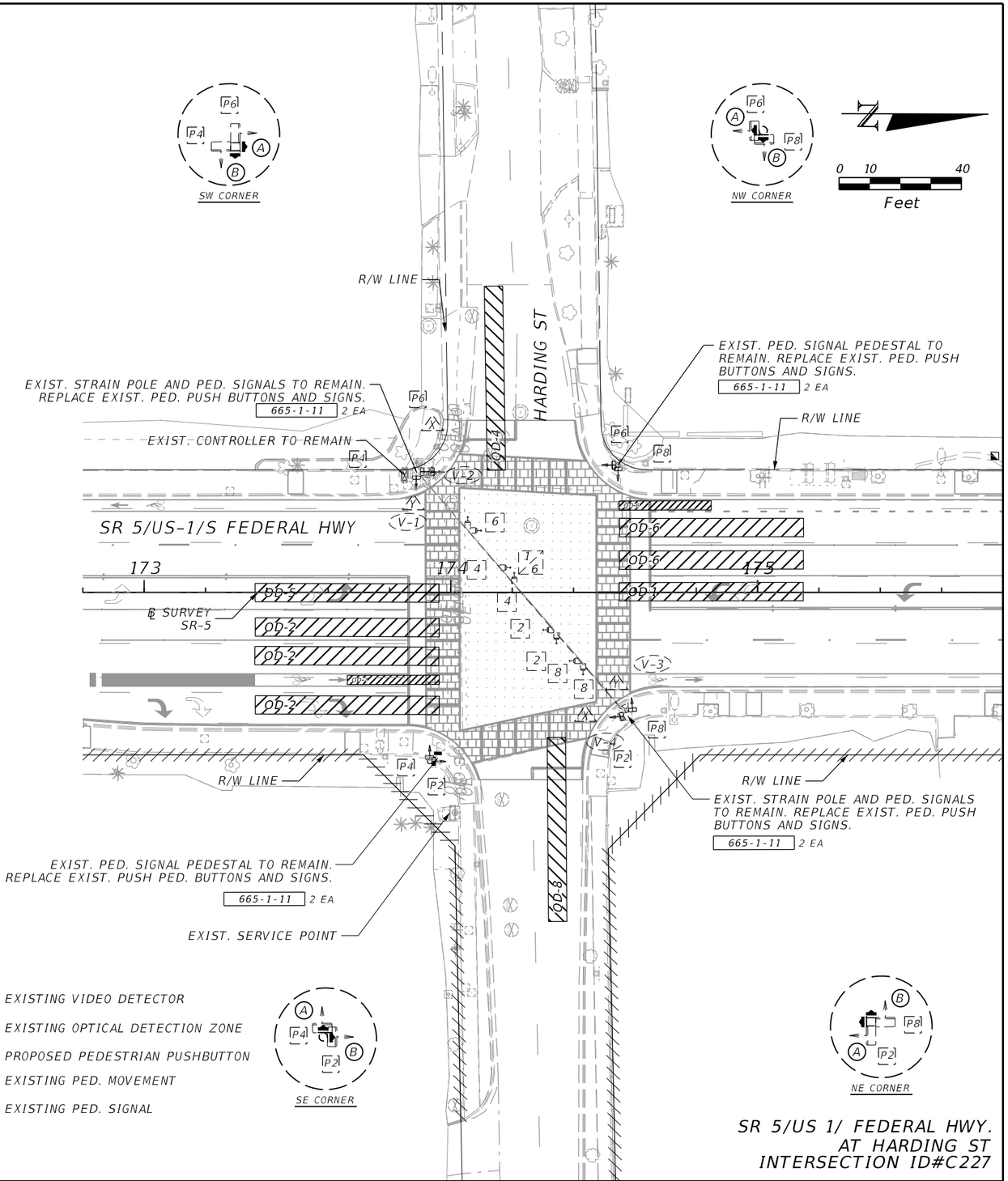


OPTICAL DETECTION ASSIGNMENTS		
VD UNIT	OPERATION	CONNECTED TO MOVEMENT
V-1	PRESENCE	OD-1 & OD-6
V-2	PRESENCE	OD-8
V-3	PRESENCE	OD-4
V-4	PRESENCE	OD-2 & OD-5

REMOVAL ITEMS		
PAY ITEM	QUANTITY	UNIT
665-1-60	8	EA
700-3-601	4	EA

SIGNAL OPERATION

1. MAJOR STREET: SR 5 / US-1/ FEDERAL HIGHWAY
   MINOR STREET: HARDING ST
2. SIGNAL OPERATING PLAN (S.O.P.) AND EXISTING TIMING TO REMAIN



LEGEND

- EXISTING VIDEO DETECTOR
- EXISTING OPTICAL DETECTION ZONE
- PROPOSED PEDESTRIAN PUSHBUTTON
- EXISTING PED. MOVEMENT
- EXISTING PED. SIGNAL

SR 5/US 1/ FEDERAL HWY.
AT HARDING ST
INTERSECTION ID#C227

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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

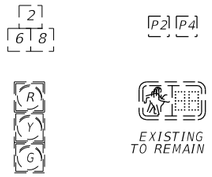
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

SIGNALIZATION PLAN

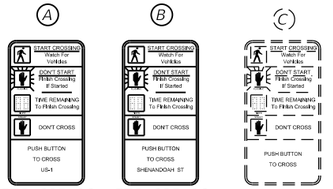
SHEET NO. T-4

SIGNAL HEAD DETAILS



EXISTING TO REMAIN

EXISTING TO REMAIN



FTP-68B-06 (9"X18") 2 EA

FTP-68B-06 (9"X18") 2 EA

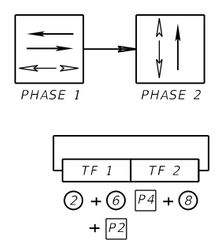
4 EA

(TO BE REMOVED WITH PEDESTRIAN DETECTORS)

SIGN DETAILS

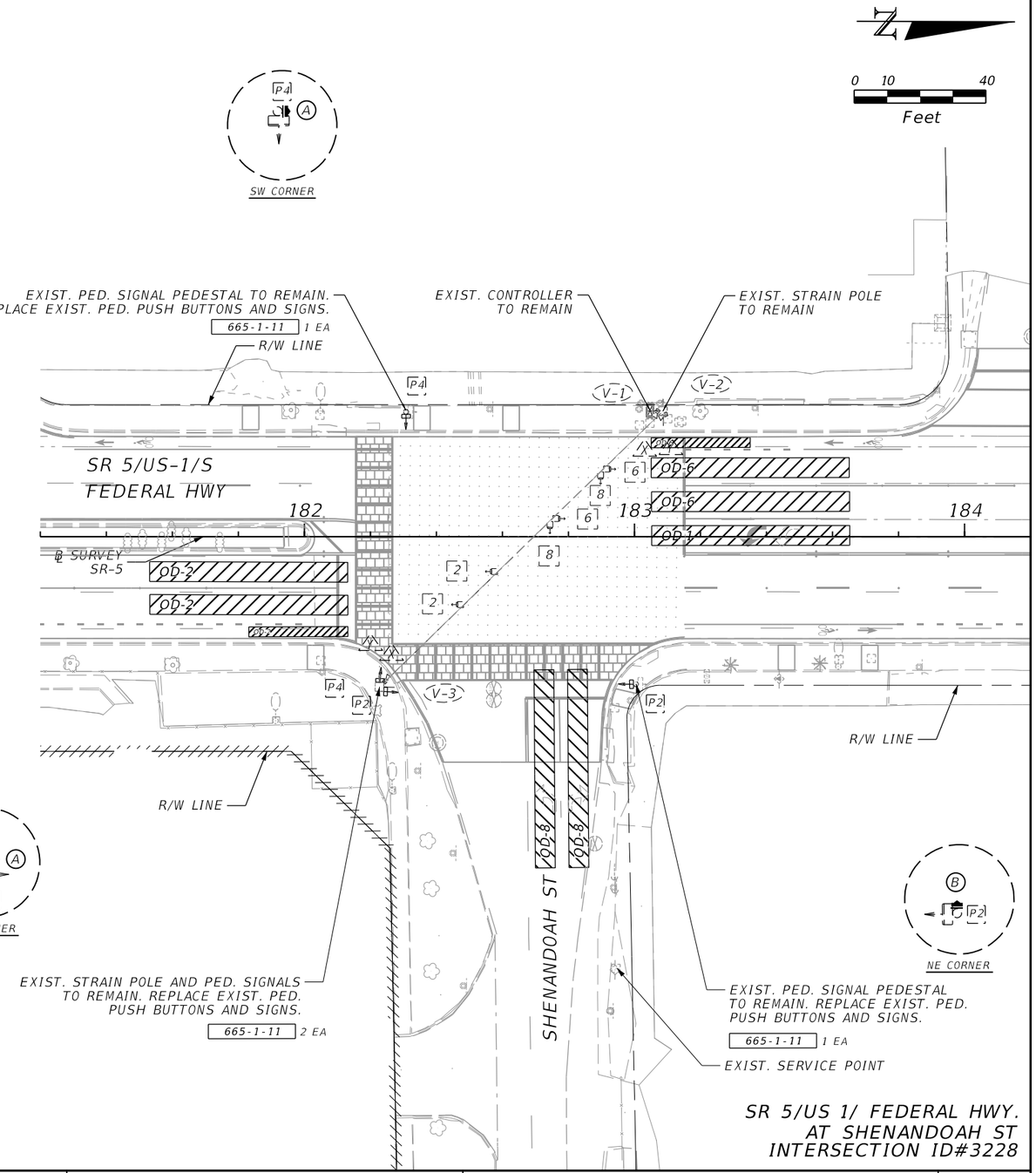
EXISTING OVERHEAD SIGNS TO REMAIN

S.O.P.



OPTICAL DETECTION ASSIGNMENTS		
VD UNIT	OPERATION	CONNECTED TO MOVEMENT
V-1	PRESENCE	OD-8
V-2	PRESENCE	OD-2
V-3	PRESENCE	OD-1 & OD-6

REMOVAL ITEMS		
PAY ITEM	QUANTITY	UNIT
665-1-60	4	EA
700-3-601	3	EA



SIGNAL OPERATION

1. MAJOR STREET: SR 5 / US-1/ FEDERAL HIGHWAY
   MINOR STREET: HARDING ST
2. SIGNAL OPERATING PLAN (S.O.P.) AND EXISTING TIMING TO REMAIN

LEGEND

- EXISTING VIDEO DETECTOR
- EXISTING OPTICAL DETECTION ZONE
- PROPOSED PEDESTRIAN PUSHBUTTON
- EXISTING PED. MOVEMENT
- EXISTING PED. SIGNAL

SR 5/US 1/ FEDERAL HWY.
AT SHENANDOAH ST
INTERSECTION ID#3228

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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

SIGNALIZATION PLAN

SHEET NO.
T-5

STATE OF FLORIDA

DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

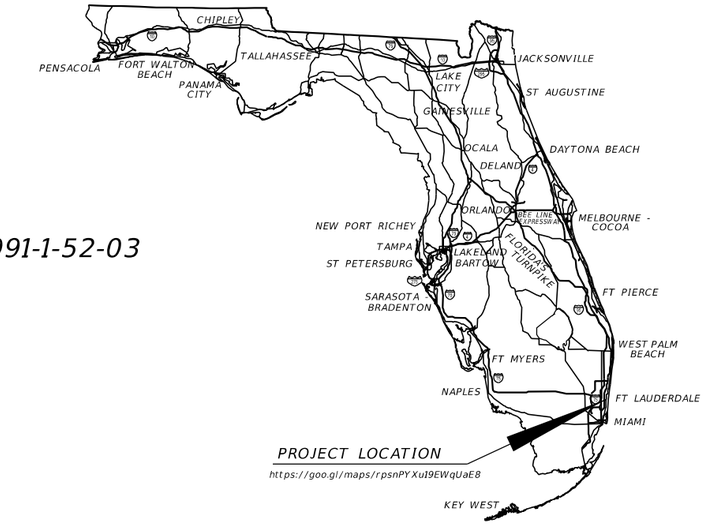
FINANCIAL PROJECT ID(s): 439991-1-52-01, 439991-1-52-02 & 439991-1-52-03

(FEDERAL FUNDS)

BROWARD COUNTY (86010)

STATE ROAD NO. 5 (US-1/FEDERAL HIGHWAY)
FROM JOHNSON ST TO SR-822/SHERIDAN ST

LIGHTING PLANS



INDEX OF LIGHTING PLANS

SHEET NO.	SHEET DESCRIPTION
L-1	KEY SHEET
L-2	SIGNATURE SHEET
L-3	GENERAL NOTES
L-4	LIGHTING DATA TABLE
L-5	LIGHTING LEGEND
L-6 - L-13	LIGHTING PLAN
L-14 - L-15	LIGHT POLE DETAIL
L-16 - L-17	LIGHT POLE FOUNDATION DETAIL
L-18	SERVICE POINT DETAILS
L-19	LOAD CENTER SCHEDULE
* GL-1 - GL-5	REPORT OF CORE BORINGS

* THESE SHEETS ARE INCLUDED IN THE INDEX OF LIGHTING PLANS ONLY TO INDICATE THAT IS PART OF THE LIGHTING PLANS. THESE SHEETS ARE CONTAINED IN A SEPARATE SIGNED AND SEALED DOCUMENT.

LIGHTING PLANS
ENGINEER OF RECORD:

FABRICIO M. SAVIO, P.E.
P.E. LICENSE NUMBER 77354
GANNETT FLEMING, INC.
800 NW 62ND AVE, SUITE 490
MIAMI, FLORIDA 33126
CONTRACT NO. CA601
VENDOR NO.: 25-1613591

FDOT PROJECT MANAGER:

VANDANA NAGOLE, P.E.

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

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FABRICIO M. SAVIO
LICENSE
No 77354
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 62ND AVENUE, SUITE 490
MIAMI, FLORIDA 33126
FABRICIO M. SAVIO, P.E. NO. 77354

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
L-1	KEY SHEET
L-2	SIGNATURE SHEET
L-3	GENERAL NOTES
L-4	LIGHTING DATA TABLE
L-5	LIGHTING LEGEND
L-6 - L-13	LIGHTING PLAN
L-14 - L-15	LIGHT POLE DETAIL
L-18	SERVICE POINT DETAILS
L-19	LOAD CENTER SCHEDULE

RAY T. STAUFFER
LICENSE
No 67092
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 62ND AVENUE, SUITE 490
MIAMI, FLORIDA 33126
RAY T. STAUFFER, P.E. NO. 67092

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
L-2	SIGNATURE SHEET
L-16 - L-17	LIGHT POLE FOUNDATION DETAIL

GENERAL NOTES:

1. THE MAINTAINING AGENCY FOR THE LIGHTING SYSTEMS BETWEEN JOHNSON STREET AND SHERIDAN STREET IS THE CITY OF HOLLYWOOD AND NORTH OF SHERIDAN STREET IS THE CITY OF DANIA BEACH.

2. HANDHOLE COVERS FOR THE POLES AND TRANSFORMER BASES SHALL BE LOCATED OPPOSITE APPROACHING TRAFFIC.

PAY ITEM FOOTNOTES:

1. PAY ITEM 630-2-12: INCLUDES COST OF CONDUIT PLACED UNDER EXISTING PAVEMENT (ROADWAY, DRIVEWAYS OR SIDEWALK) WHETHER BY DIRECTIONAL BORE OR OPEN TRENCH.

2. PAY ITEM 715-11-211: INCLUDES COST TO ROTATE THE ARM OF LIGHT POLE NO. 286.

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POLE DATA

POLE NO.	CIRCUIT	STATION	SIDE	DIST. OR ARM	LUMINAIRE WATTAGE	MOUNTING HEIGHT	MOUNTING CONFIG.	POLE SETBACK	FOUNDATION TYPE	PAY ITEM
201	EXIST. F (A4 & A8)	142+40.82	LT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
202	H-2	143+11.49	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
203	H-1	144+22.89	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
204	EXIST. F (A3 & A7)	143+86.27	RT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
205	H-1	145+00.95	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
206	H-2	144+49.53	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
207	EXIST. F (A4 & A8)	145+71.55	LT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
208	EXIST. F (A3 & A7)	147+13.43	RT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
209	H-1	148+23.89	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
210	H-2	148+17.00	RT	0'	23W	14'	TOP MOUNT	BSK	DRILL SHAFT	715-516-615
211	EXIST. F (A4 & A8)	148+90.75	LT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
212	H-2	149+96.24	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
213	H-1	150+03.17	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
214	EXIST. F (A3 & A7)	150+62.88	RT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
215	H-1	151+50.00	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
216	H-2	151+92.24	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
217	EXIST. F (A4 & A8)	152+39.03	LT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
218	EXIST. F (A3 & A7)	153+83.18	RT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
219	H-1	152+94.81	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
220	H-4	155+51.11	RT	0'	23W	14'	TOP MOUNT	BSK	DRILL SHAFT	715-516-615
221	H-3	154+75.95	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
222	EXIST. F (A3 & A7)	157+23.57	RT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
223	EXIST. F (A4 & A8)	155+63.05	LT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
224	H-4	158+11.42	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
225	H-3	156+43.32	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
226	EXIST. F (A3 & A7)	160+61.06	RT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
227	H-3	158+59.09	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
228	H-4	161+33.33	RT	0'	23W	14'	TOP MOUNT	BSK	DRILL SHAFT	715-516-615
229	EXIST. F (A4 & A8)	159+15.93	LT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
230	H-4	162+75.12	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
231	H-3	160+48.96	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
232	EXIST. I (B1 & B5)	163+82.74	RT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
233	EXIST. I (B2 & B6)	161+99.55	LT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
234	H-4	165+46.72	RT	0'	23W	14'	TOP MOUNT	BSK	DRILL SHAFT	715-516-615
235	H-3	163+67.17	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
236	H-4	166+21.78	RT	0'	23W	14'	TOP MOUNT	BSK	DRILL SHAFT	715-516-615
237	EXIST. I (B2 & B6)	165+42.17	LT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
238	EXIST. I (B1 & B5)	166+87.87	RT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
239	H-3	166+07.36	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
240	H-4	169+26.06	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
242	EXIST. I (B1 & B5)	170+36.82	RT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
243	EXIST. I (B2 & B6)	168+16.09	LT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
244	H-4	171+56.92	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
245	H-3	169+27.45	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
246	H-4	172+38.52	RT	0'	23W	14'	TOP MOUNT	BSK	DRILL SHAFT	715-516-615
247	H-3	171+34.47	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
248	EXIST. I (B1 & B5)	173+76.98	RT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
249	EXIST. I (B2 & B6)	172+13.92	LT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
250	H-4	174+75.08	RT	0'	61W	14'	TOP MOUNT	BSK	DRILL SHAFT	715-516-615
251	H-3	173+44.12	LT	0'	61W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
252	H-4	176+01.49	RT	0'	23W	14'	TOP MOUNT	BSK	DRILL SHAFT	715-516-615
253	H-3	174+45.51	LT	0'	61W	14'	TOP MOUNT	BSK	DRILL SHAFT	715-516-615
254	EXIST. I (B3 & B7)	177+09.85	RT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
255	H-3	174+67.59	LT	0'	61W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
256	H-4	177+96.83	RT	0'	23W	14'	TOP MOUNT	BSK	DRILL SHAFT	715-516-615
257	EXIST. I (B4 & B8)	175+59.76	LT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
258	EXIST. I (B3 & B7)	180+44.00	RT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
259	H-3	176+78.10	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
260	H-4	181+81.31	RT	0'	61W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
261	H-3	178+29.43	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
262	H-4	183+17.49	RT	0'	61W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
263	EXIST. I (B4 & B8)	178+74.46	LT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
264	EXIST. I (B3 & B7)	183+61.77	RT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
265	H-3	179+54.69	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
266	H-4	184+60.65	RT	0'	23W	14'	TOP MOUNT	BSK	DRILL SHAFT	715-516-615
267	H-3	181+28.09	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
268	H-4	186+34.35	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
269	EXIST. I (B4 & B8)	182+04.85	LT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
270	EXIST. I (B3 & B7)	187+27.77	RT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
271	H-3	182+94.76	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
272	H-4	188+28.76	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
273	H-3	184+67.08	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
275	EXIST. I (B4 & B8)	185+48.90	LT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
276	EXIST. I (B3 & B7)	190+73.83	RT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
277	H-3	186+38.08	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
278	H-4	191+82.40	RT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
279	H-3	187+93.58	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
280	H-4	192+59.71	RT	0'	23W	14'	TOP MOUNT	BSK	DRILL SHAFT	715-516-615
281	EXIST. I (B4 & B8)	189+12.98	LT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
282	EXIST. I (B3 & B7)	193+37.51	RT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
284	EXIST. J (A1)	194+72.53	RT	0'	274W	45'	COBRAHEAD	EXIST.	EXIST.	715-11-211
285	EXIST. I (B4 & B8)	192+14.05	LT	8'/4'	242W/51W	40'/22'	TEARDROP	EXIST.	EXIST.	715-11-216 (2X)
286	EXIST. L (B1)	194+88.20	RT	12'	274W	45'	COBRAHEAD	EXIST.	EXIST.	715-11-211
287	H-3	192+72.57	LT	0'	23W	14'	TOP MOUNT	BSK	SHALLOW	715-516-615
288	EXIST. L (B1)	195+20.55	RT	15'	274W	40'	COBRAHEAD	BSK	DRILL SHAFT	715-4-13
289	EXIST. K (B2)	193+78.40	LT	12'	274W	45'	COBRAHEAD	EXIST.	EXIST.	715-11-211

BSK: BACK OF SIDEWALK

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FABRICIO M. SAVIO, P.E.
P.E. LICENSE NUMBER 77354
GANNETT FLEMING, INC.
800 NW 62ND AVE - SUITE 490
MIAMI, FLORIDA 33126

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

LIGHTING DATA TABLE

SHEET NO.
L-4

LEGEND

SYMBOL	DESCRIPTION
	EXISTING DECORATIVE LIGHT POLE TO BE RETROFITTED, LED TEARDROP DECORATIVE LUMINAIRE, 40' MOUNTING HEIGHT, DESIGNED FOR ROADWAY TYPE III DISTRIBUTION, COLOR TEMPERATURE 4000K, WIRED FOR 240V OPERATION. THE LUMINAIRE USED AS A BASIS FOR DESIGN CONSISTS OF PHOTOMETRIC CURVE ESL2_MPL2_P60S_40K_XX_TG_3 (24,664 LUMENS). PROVIDE 7 PIN PHOTOCONTROL RECEPTACLE WITH SHORTING CAP.
	PEDESTRIAN LED TEARDROP DECORATIVE LUMINAIRE, 22' MOUNTING HEIGHT, DESIGNED FOR ROADWAY TYPE III DISTRIBUTION, COLOR TEMPERATURE 4000K, WIRED FOR 240V OPERATION. THE LUMINAIRE USED AS A BASIS FOR DESIGN CONSISTS OF PHOTOMETRIC CURVE ESPL2_P10_40K_XX_TG_4 (3,620 LUMENS) PROVIDE 7 PIN PHOTOCONTROL RECEPTACLE WITH SHORTING CAP.
	LIGHT POLE COMPLETE, LED COBRAHEAD LUMINAIRE, DESIGNED FOR ROADWAY TYPE IV DISTRIBUTION, COLOR TEMPERATURE 4000K, WIRED FOR 480V OPERATION. THE LUMINAIRE USED AS A BASIS FOR DESIGN CONSISTS OF PHOTOMETRIC CURVE ATB2_80BLEDE10_XXXXX_R4 (29,564 LUMENS).
	EXISTING LIGHT POLE TO BE RETROFITTED, LED COBRAHEAD LUMINAIRE, DESIGNED FOR ROADWAY TYPE IV DISTRIBUTION, COLOR TEMPERATURE 4000K, WIRED FOR 480V OPERATION. THE LUMINAIRE USED AS A BASIS FOR DESIGN CONSISTS OF PHOTOMETRIC CURVE ATB2_80BLEDE10_XXXXX_R4 (29,564 LUMENS).
	DECORATIVE PEDESTRIAN LIGHT POLE COMPLETE, LED TOP MOUNTED DECORATIVE LUMINAIRE, DESIGNED FOR ROADWAY TYPE III DISTRIBUTION, COLOR TEMPERATURE 4000K, WIRED FOR 240V OPERATION. THE LUMINAIRE USED AS A BASIS FOR DESIGN CONSISTS OF PHOTOMETRIC CURVE GVD3_P30_40K_XXXX_GL3LU (6,941 LUMENS). PROVIDE 7 PIN PHOTOCONTROL RECEPTACLE WITH SHORTING CAP.
	DECORATIVE PEDESTRIAN LIGHT POLE COMPLETE, LED TOP MOUNTED DECORATIVE LUMINAIRE, DESIGNED FOR ROADWAY TYPE III DISTRIBUTION, COLOR TEMPERATURE 4000K, WIRED FOR 240V OPERATION. THE LUMINAIRE USED AS A BASIS FOR DESIGN CONSISTS OF PHOTOMETRIC CURVE GVD3_P10_40K_XXXX_GL3LU (2,758 LUMENS). PROVIDE 7 PIN PHOTOCONTROL RECEPTACLE WITH SHORTING CAP.
	EXISTING LIGHT POLE AND LUMINAIRE TO REMAIN.

SYMBOL	DESCRIPTION
	PROPOSED PULL BOX.
	2" SCHEDULE 40 HDPE CONDUIT, DIRECTIONAL BORED, WITH (3-WIRE SYSTEM THREE RHW2-XLP CIRCUIT CONDUCTORS) INSIDE CONDUITS: ONE WITH RED INSULATION, ONE WITH BLACK INSULATION, AND ONE WITH GREEN INSULATION.
	EXISTING CONDUIT TO REMAIN.
	PROPOSED LOAD CENTER.
	EXISTING LOAD CENTER TO REMAIN.

LIGHTING DESIGN CRITERIA

CONVENTIONAL ROADWAY		
ILLUMINATION LEVEL AVERAGE INITIAL	ILLUMINATION UNIFORM RATIOS (H.F.C.)	VEILING LUMINANCE RATIO
AVG:1.5 STD. (H.F.C.)	AVG/MIN: 4:1 OR LESS MAX/MIN:10:1 OR LESS	Lv(max)/Lavg: 0.3:1 OR LESS
SIGNALIZED INTERSECTION		
AVG:1.5 STD. - 1.0 MIN. (H.F.C.) AVG:1.5 STD. - 1.0 MIN. (V.F.C.)	AVG/MIN: 4:1 OR LESS MAX/MIN:10:1 OR LESS	Lv(max)/Lavg: N/A
WIND SPEED: 160 MPH		

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

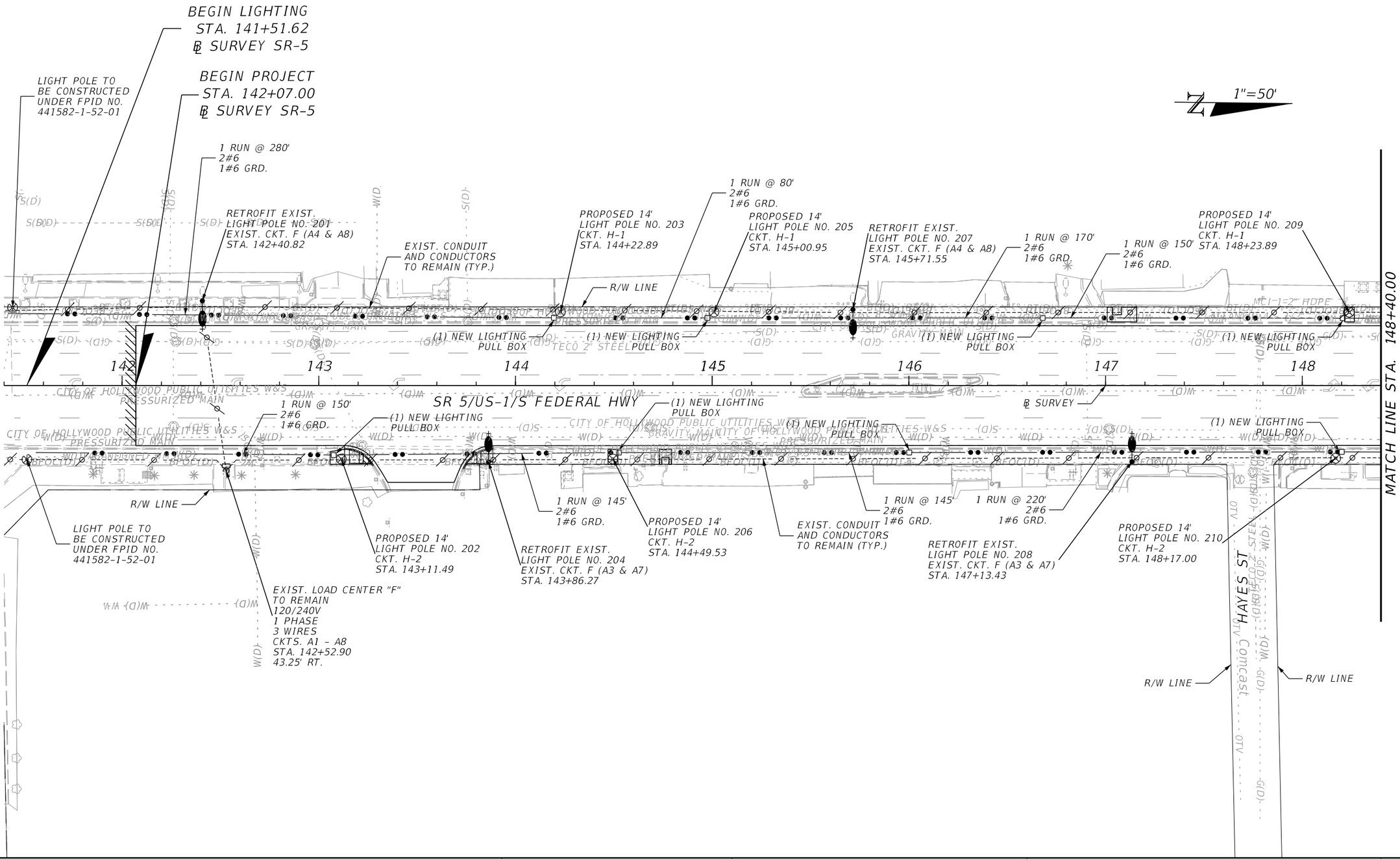
FABRICIO M. SAVIO, P.E.
P.E. LICENSE NUMBER 77354
GANNETT FLEMING, INC.
800 NW 62ND AVE - SUITE 490
MIAMI, FLORIDA 33126

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

LIGHTING LEGEND

SHEET NO.
L-5



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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SR 5	BROWARD	439991-1-52-01

LIGHTING PLAN

SHEET NO.
L-6

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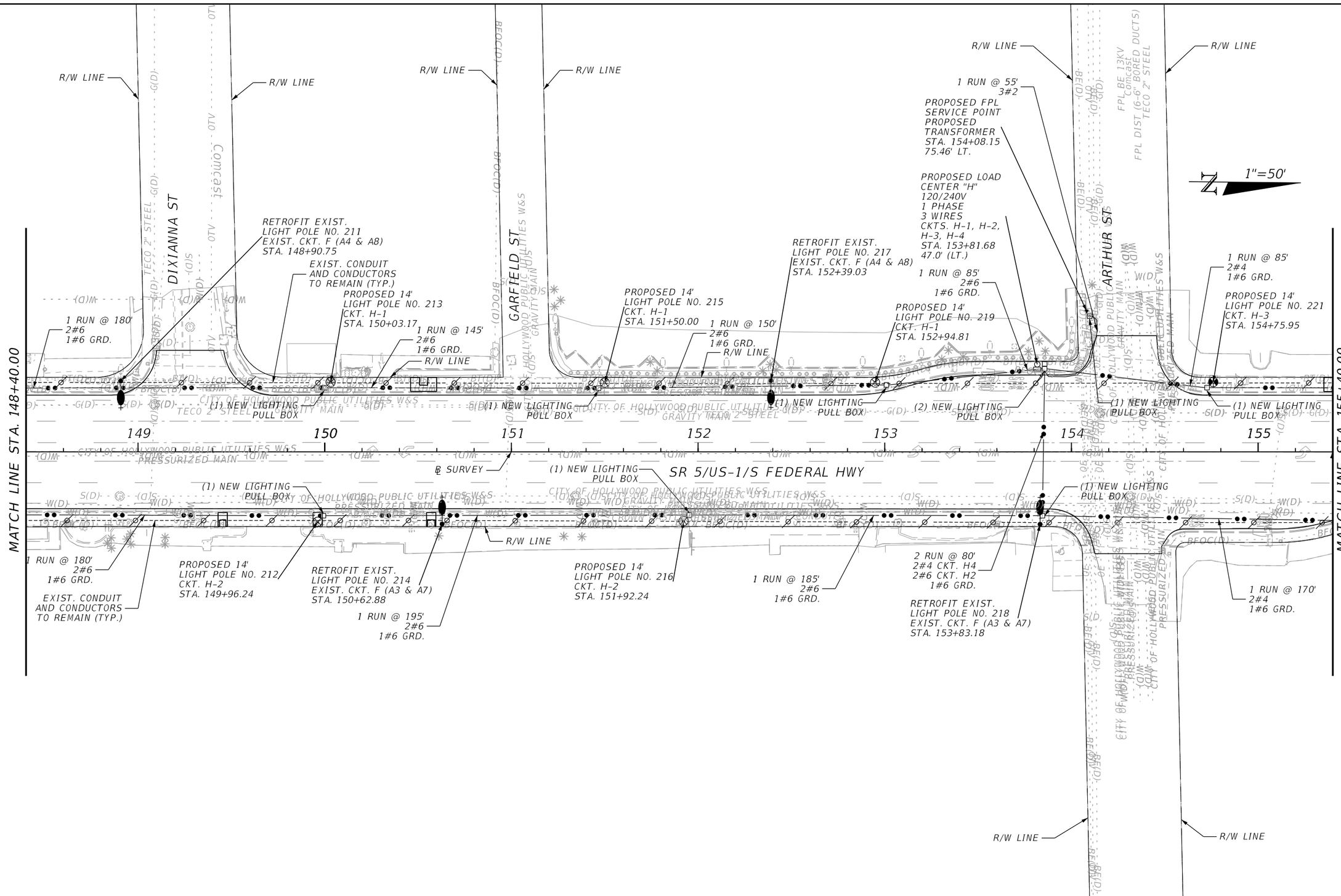

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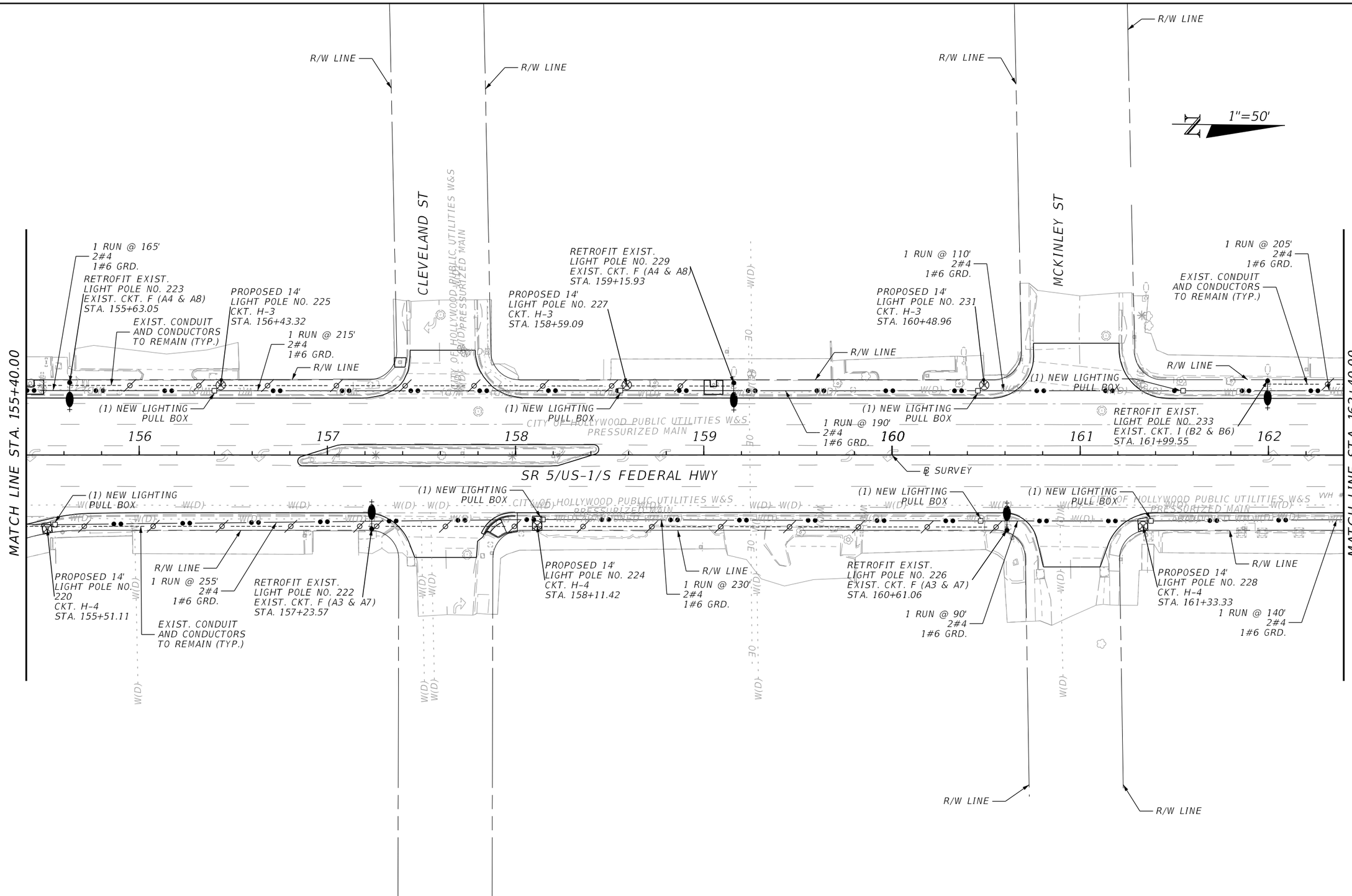
SR 5	BROWARD	439991-1-52-01

LIGHTING PLAN

SHEET NO.
L-7



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SR 5	BROWARD	439991-1-52-01

LIGHTING PLAN

SHEET NO.
L-8

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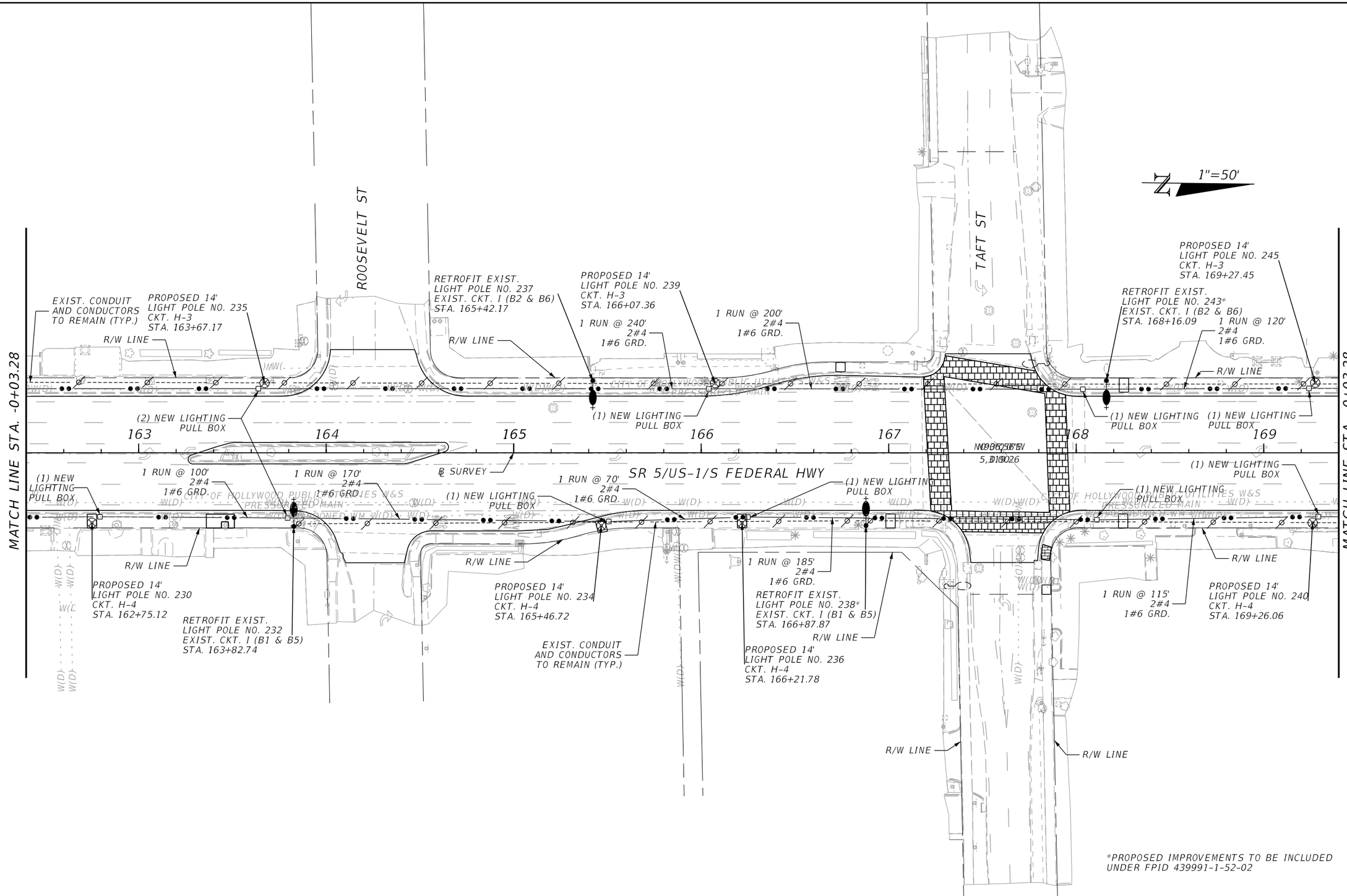

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GANNETT FLEMING, INC.
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SR 5	BROWARD	439991-1-52-01

LIGHTING PLAN

SHEET NO.
L-9

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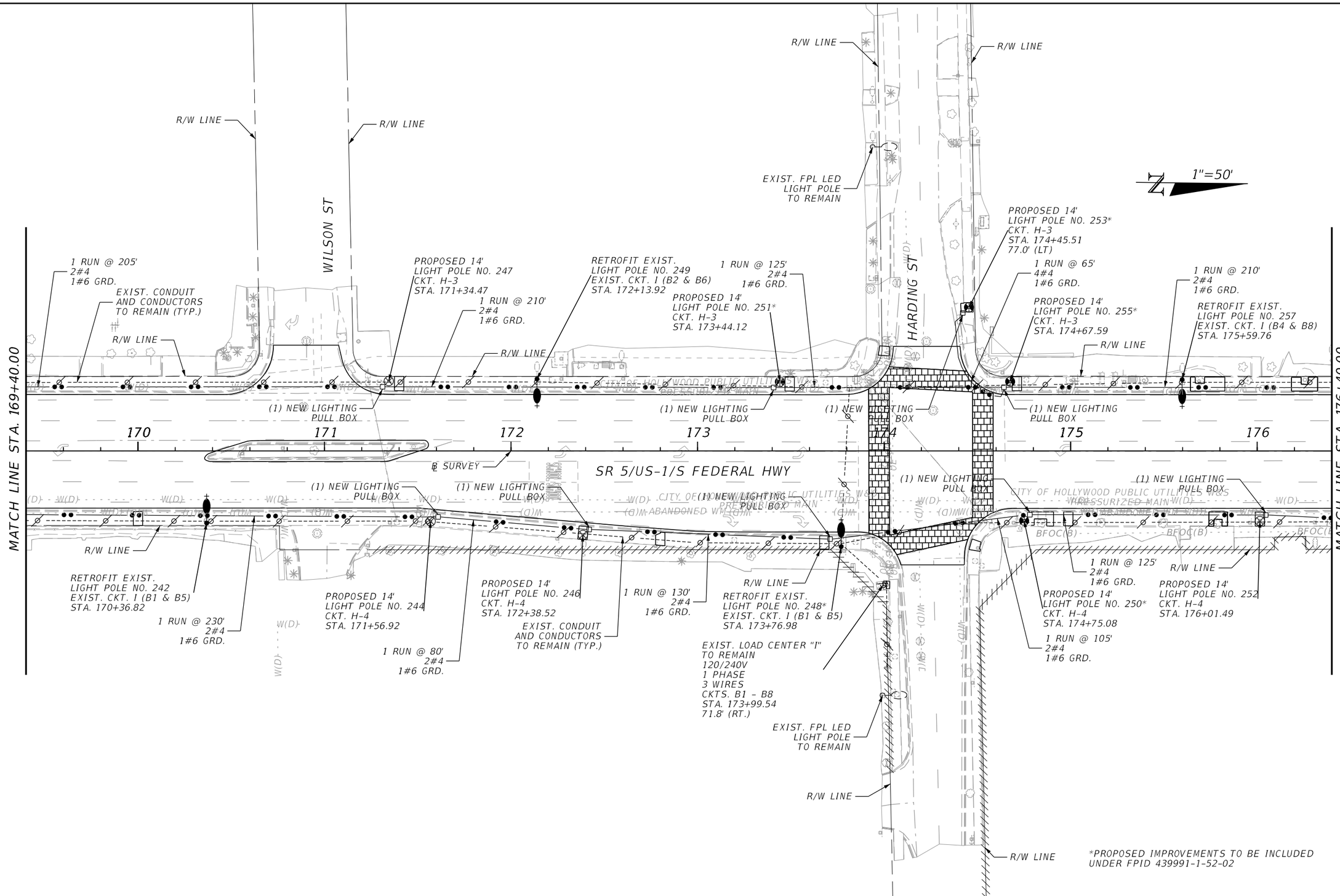

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SR 5	BROWARD	439991-1-52-01

LIGHTING PLAN

SHEET NO.
L-10

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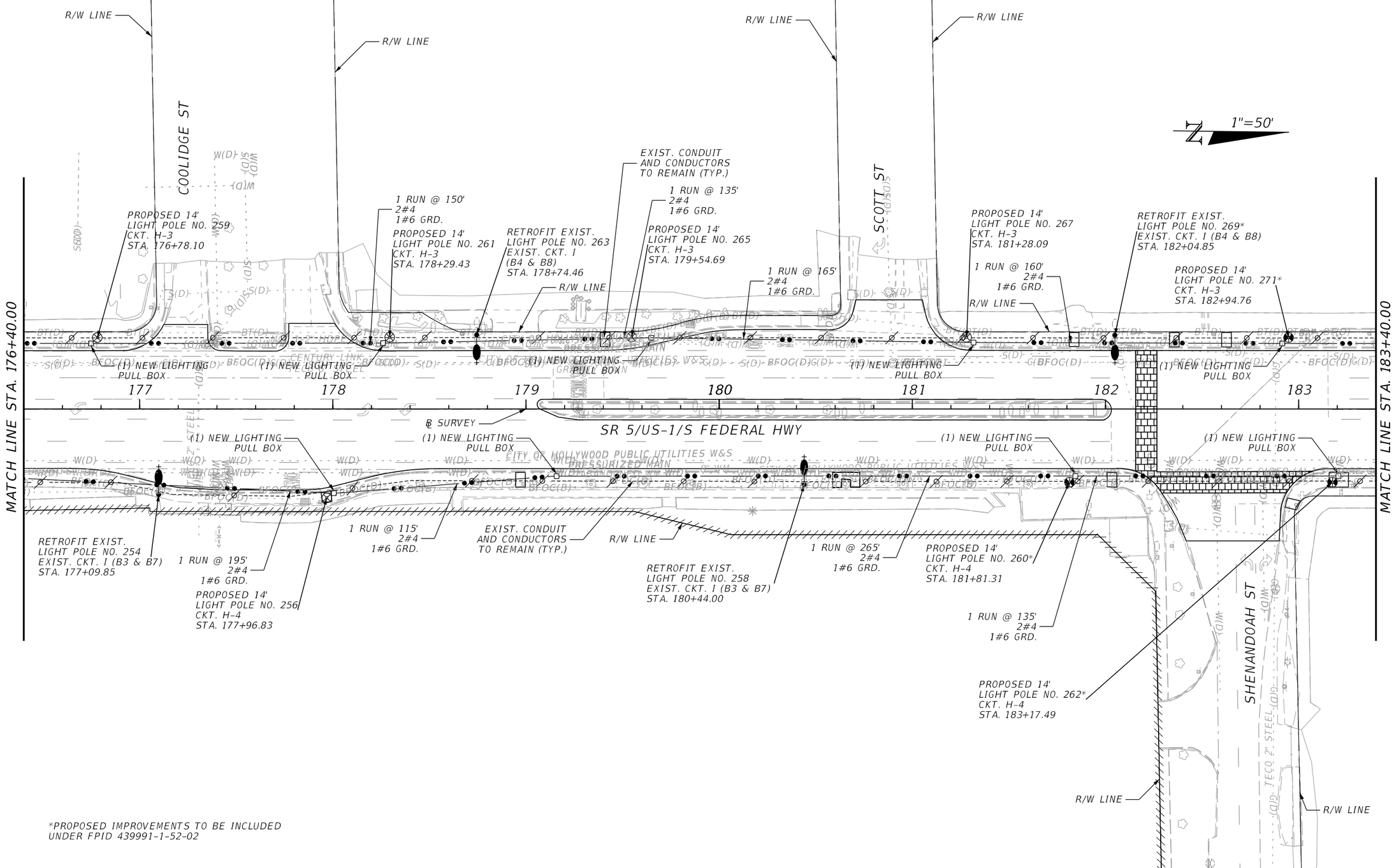

*PROPOSED IMPROVEMENTS TO BE INCLUDED UNDER FPID 439991-1-52-02

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SR 5	BROWARD	439991-1-52-01

LIGHTING PLAN

SHEET NO.
L-11

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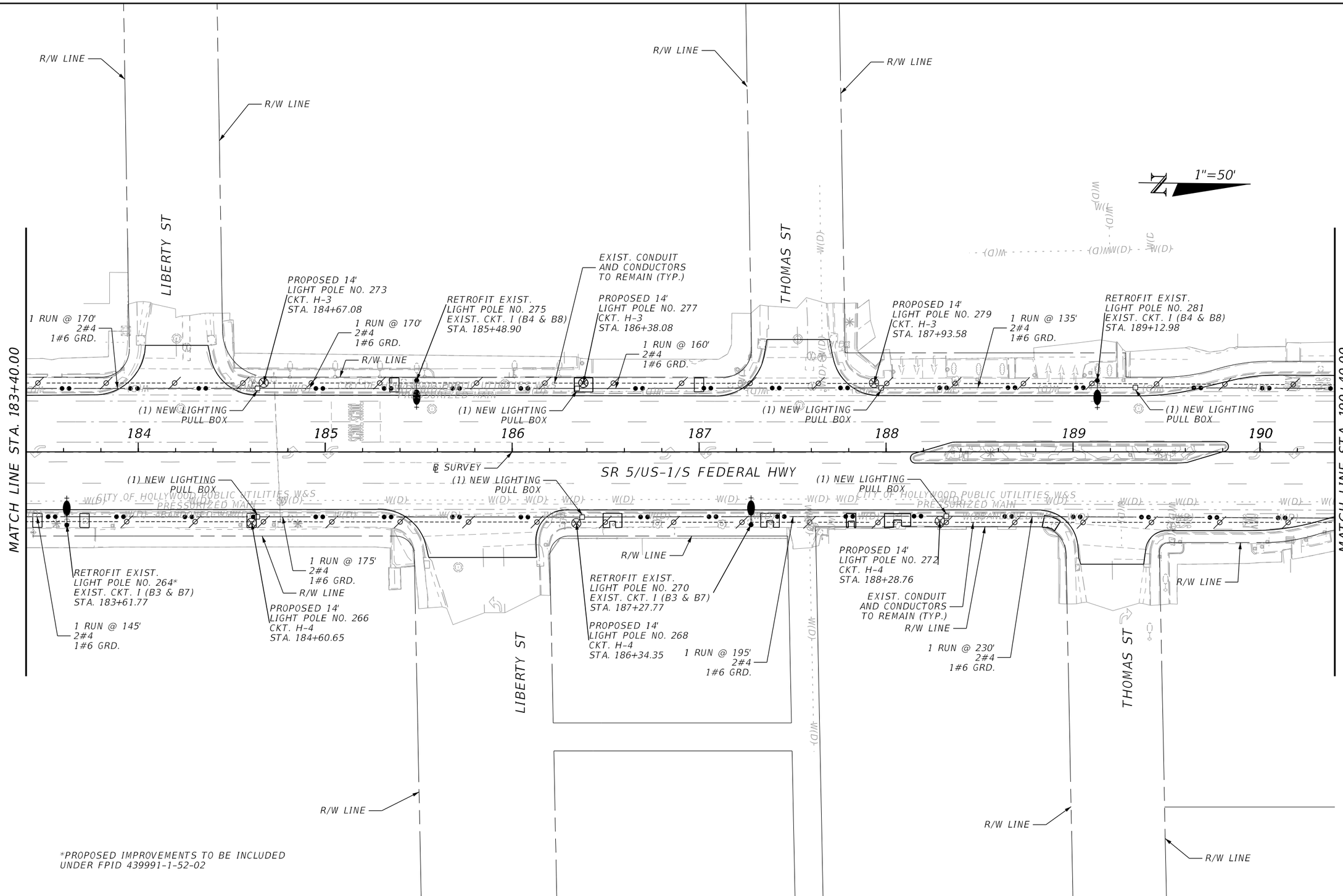

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LIGHTING PLAN

SHEET NO.
L-12

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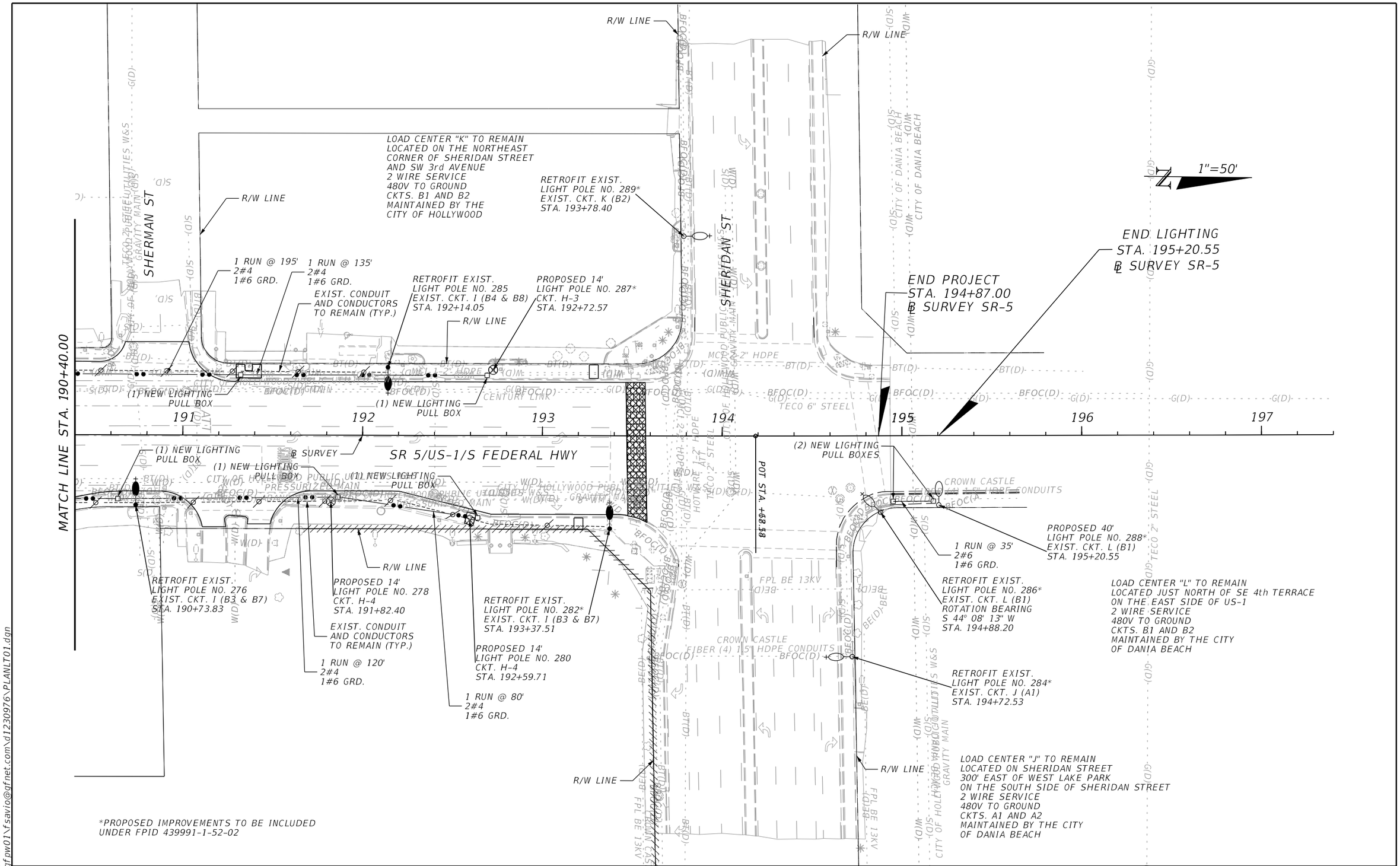

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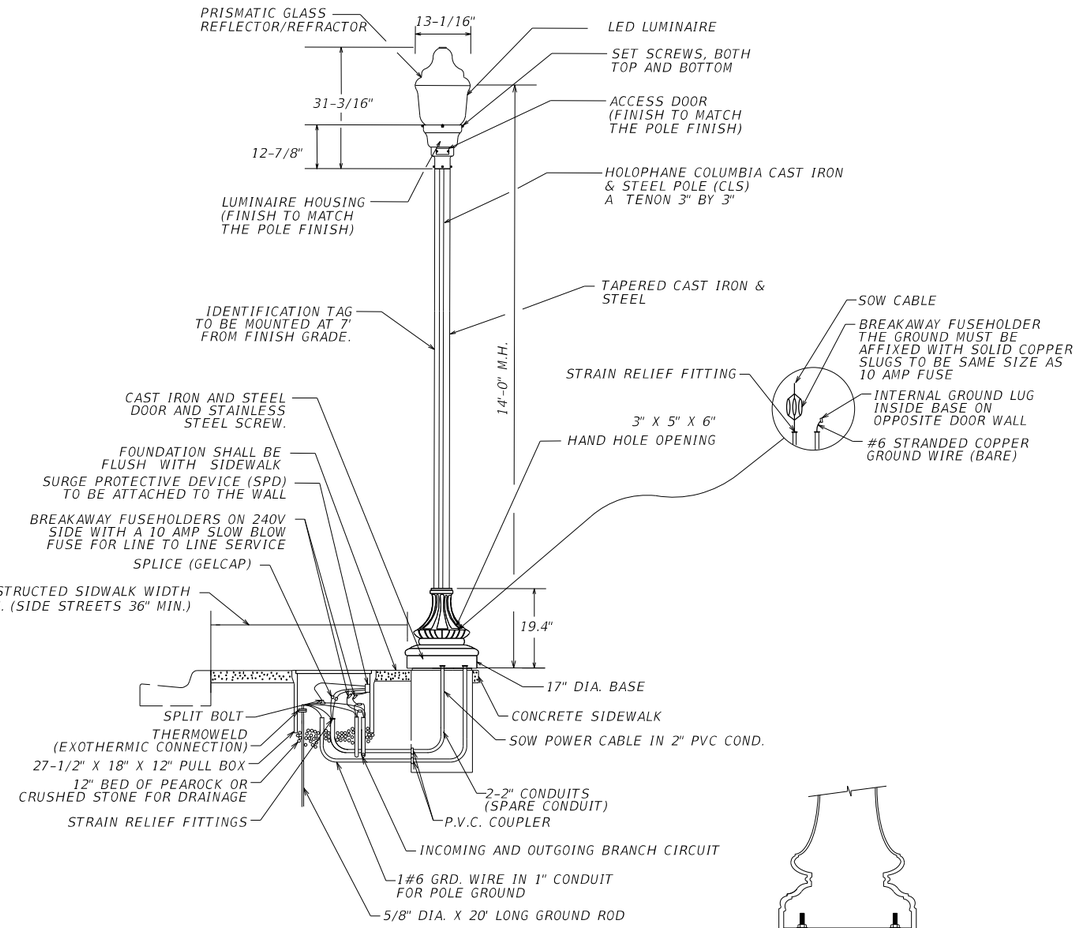
SR 5	BROWARD	439991-1-52-01

LIGHTING PLAN

SHEET NO.
L-13

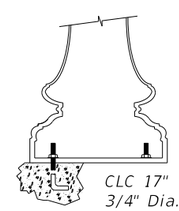
LIGHTING POLE DETAIL
3-WIRES SYSTEM



NEW TOP MOUNTED POLE DETAIL

NTS

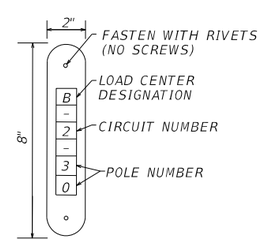
BID ITEM 715-516-615



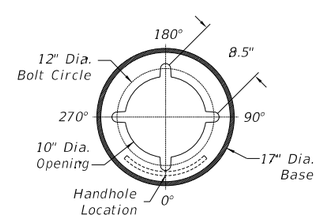
CLC 17"
3/4" Dia.
Hot Dip Galvanized
L-type Anchor Bolts
(4 per Post)

NOTE:

PULL BOX TO BE PLACED IN FRONT OF THE PROPOSED LIGHT POLE WHEN POSSIBLE.



POLE IDENTIFICATION TAG DETAIL



BASE PLATE/ANCHORAGE GUIDE DETAIL

NTS

GENERAL DESCRIPTION

LUMINAIRE

TRADITIONAL ACORN-SHAPED LUMINAIRE SHALL BE LED FOR NEW 12 FOOT POLES, TOP MOUNTED, GRANVILLE CLASSIC UTILITY LED3, MODERN STYLE SWING OPEN DESIGN, BLACK COLOR, MATCHING POLE. IT SHALL BE UL OR CSA LISTED AND LM79 COMPLIANT.

OPTICAL SYSTEM:

THE OPTICAL SYSTEM SHALL BE IP66 RATED AND CONSIST OF A PRECISELY MOLDED THERMAL RESISTANT BOROSLICATE GLASS REFRACTOR AND TOP REFLECTOR MOUNTED WITHIN THE DECORATIVE GLASS OPTIC. THE TOP REFLECTOR SHALL REDIRECT OVER 50% OF THE UPWARD LIGHT INTO THE CONTROLLING REFRACTOR WHILE ALLOWING A SOFT UP-LIGHT COMPONENT TO DEFINE THE THE TRADITIONAL ACORN SHAPE OF THE LUMINARIE.THE LOWER REFRACTOR SHALL USE THE PRECISELY MOLDED PRISMS TO MAXIMIZE TH POLE SPACINGS WHILE MAINTAINING UNIFORM ILLUMINANCE. REFRACTORS SHALL MEET IES TYPE III DISTRIBUTION.

ELECTRICAL ASSEMBLY:

THE ELECTRICAL COMPONENTS SHALL BE MOUNTED ON AN ALUMINUM PLATE THAT IS REMOVEABLE WITH MINIMUM USE OF TOOLS. A MATCHING FIVE CONDUCTOR PLUG CONNECTS TO THE RECEPTACLE IN THE LUMINAIRE HOUSING TO COMPLETE THE WIRING. THE ELECTRICAL MODULE IS PROVIDED WITH AN EEI-NEMA TWIST-LOCK PHOTOCELL RECEPTACLE FOR PHOTOELECTRIC OPERATION.

CONTROL OPTION:

THE CONTROL OPTION SHALL BE NEMA TWISTLOCK DIMMING PHOTOCONTROL 7 PIN RECEPTACLE WITH SHORTING CAP.

DRIVER:

FACTORY PROGRAMMABLE ELECTRONIC DRIVER WITH 0-10V DIMMING CONTROL LEADS.

FINISH/MATERIAL:

THE LUMINAIRE IS FINISHED WITH POLYESTER POWER COAT PAINT. LUMINAIRE HOUSING SHALL BE HEAVY GRADE A360 CAST ALUMINUM (ALUMINUM WITH LESS THAN 1% COPPER).

POLE

A) POLE SHAFT SHALL BE ALL CAST IRON & STEEL OR CAST IRON CONSTRUCTION, MASSIVELY TAPERED WITH A DEEP FLUTED PATTERN ON THE SHAFT AND BASE WITH AN STEEL TENON AT THE TOP TERMINATING 3" X 3" LONG AND A STEEL BOTTOM CAP. THE POST SHALL BE 12' IN HEIGHT WITH A 17" DIAMETER BASE. THE SHAFT SHALL TAPER FROM A 7" DIAMETER AT THE TOP OF THE BASE TO 4.5" DIAMETER AT THE TOP MOUNTING. THE POST TOP SHALL INCLUDE A TRANSITIONAL DONUT BETWEEN THE FLUTED SHAFT AND THE TENON.

B) POLE BASE SHALL BE A 17" DIA. ROUND WITH A DEEP FLUTED PATTERN, ASTM A48, CLASS 30 CAST IRON AND WITH A 3" X 5" X 6" HAND HOLE OPENING. ALL EROISED HARDWARE SHALL BE NE TAMPER RESISTANT STAINLESS STEEL. ANCHOR BOLTS TO BE COMPLETELY HOT DIP GALVANIZED. PARTIALLY GALVANIZED BOLTS ARE NOT ACCEPTABLE.

C) POLE DESIGN AND COLOR (BLACK) SHALL MATCH EXISTING TOP MOUNTED LIGHT POLE ALONG PROJECT.

SHOP DRAWINGS

PROVIDE SIGNED AND SEALED STRUCTURAL PLANS AND CALCULATIONS FOR THE ENTIRE DECORATIVE LIGHTING SYSTEM, INCLUDING THE CONNECTIONS DESIGN (LUMINAIRE-TO-ARM, ARM-TO-UPRIGHT, AND UPRIGHT-TO-FOUNDATION CONNECTIONS). PROVIDE PLANS AND CALCULATIONS SIGNED AND SEALED BY A FLORIDA-LICENSED PROFESSIONAL ENGINEER WHICH DEMONSTRATE THAT THE DECORATIVE LIGHT FIXTURES HAVE BEEN DESIGNED IN ACCORDANCE WITH THE LATEST VERSION OF AASHTO LRFDLTS AS MODIFIED BY THE PROVISIONS OF THE FDOT STRUCTURES MANUAL VOLUME 3.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FABRICIO M. SAVIO, P.E.
P.E. LICENSE NUMBER 77354
GANNETT FLEMING, INC.
800 NW 62ND AVE - SUITE 490
MIAMI, FLORIDA 33126

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

LIGHT POLE DETAIL

SHEET NO.
L-14

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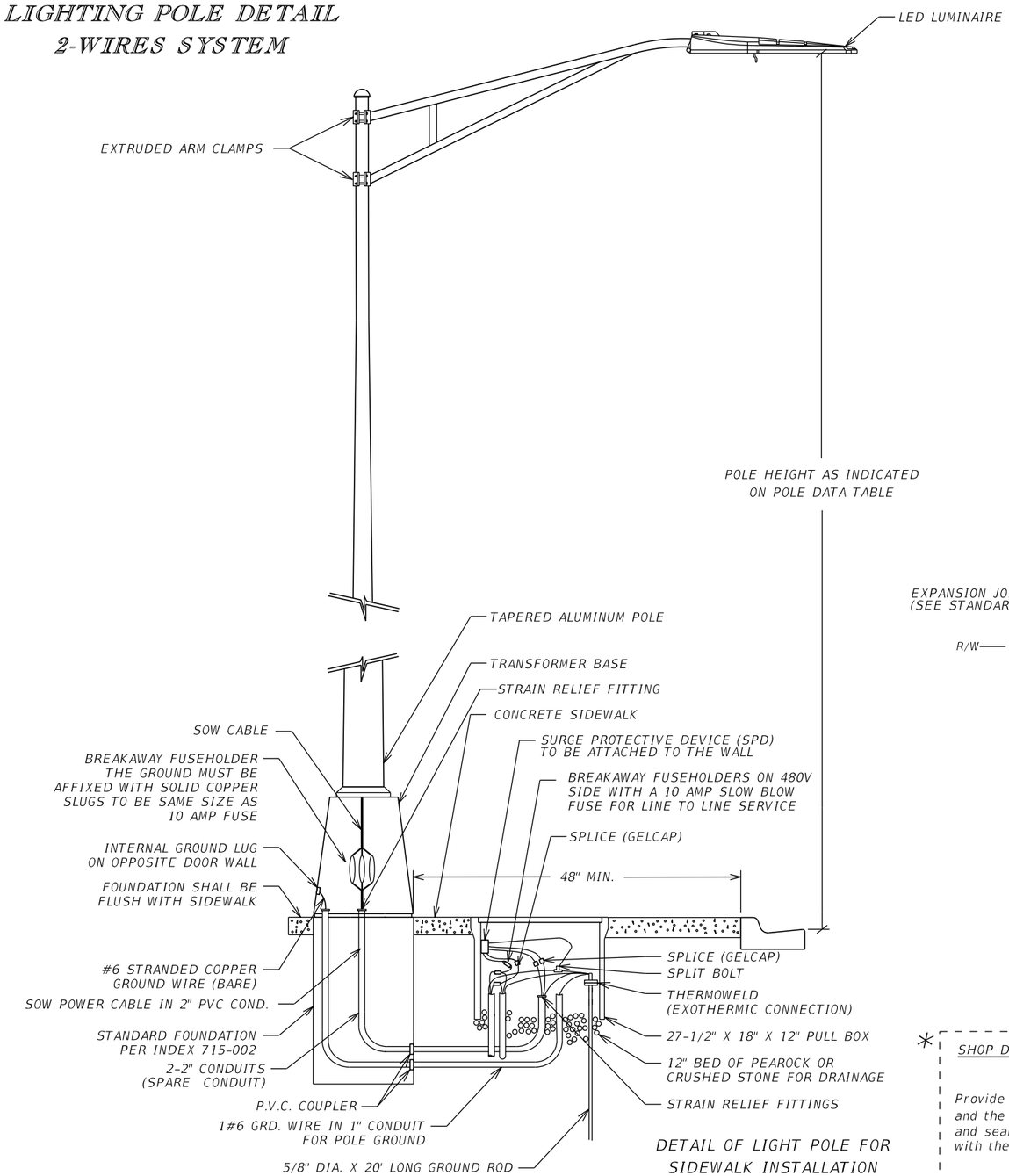
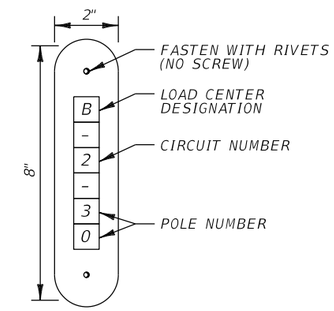
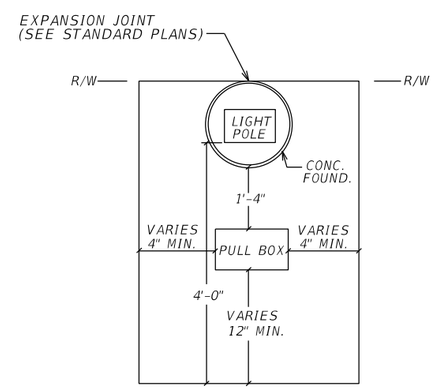
LIGHTING POLE DETAIL
2-WIRES SYSTEM



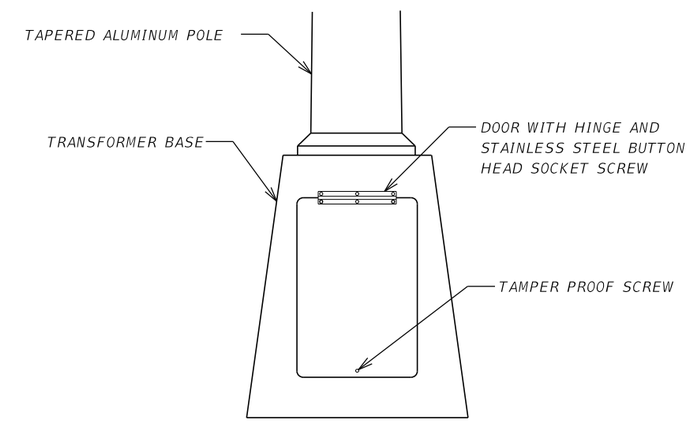
DETAIL OF LIGHT POLE FOR
SIDEWALK INSTALLATION
(N.T.S.)
BID ITEM 715-4-AB



POLE IDENTIFICATION TAG DETAIL
(N.T.S.)



LIGHT POLE
INSTALLATION DETAIL
ON SIDEWALK
(N.T.S)



TRANSFORMER BASE DOOR WITH HINGE DETAIL
(N.T.S.)

* SHOP DRAWINGS

Provide signed and sealed structural plans and calculations for the entire decorative lighting system and the connections design (luminaire-to-arm, arm-to-upright, and upright-to-foundation connections). Provide plans and calculations signed and sealed by a Florida-licensed Professionsl Engineer which demonstrate that the decorative light fixtures have been designed in accordance with the latest version of AASHTO LRFDLTS as modified by the provisions of the FDOT Structures Manual Volume 3.

* NOTES USED FOR ANY LIGHT POLES NOT IN THE STANDARD INDEX 715-002.

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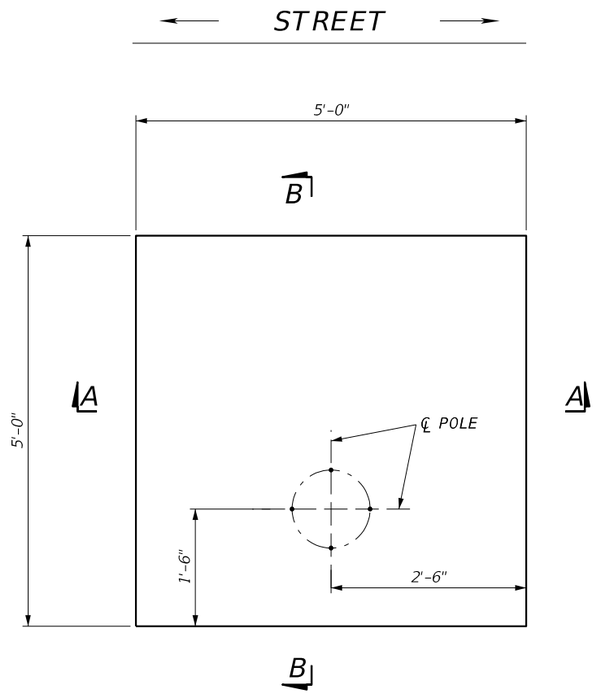
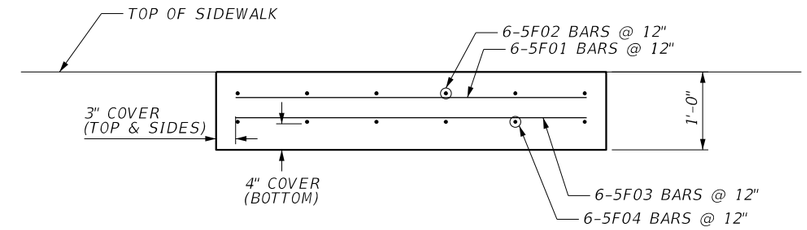
LIGHT POLE DETAIL

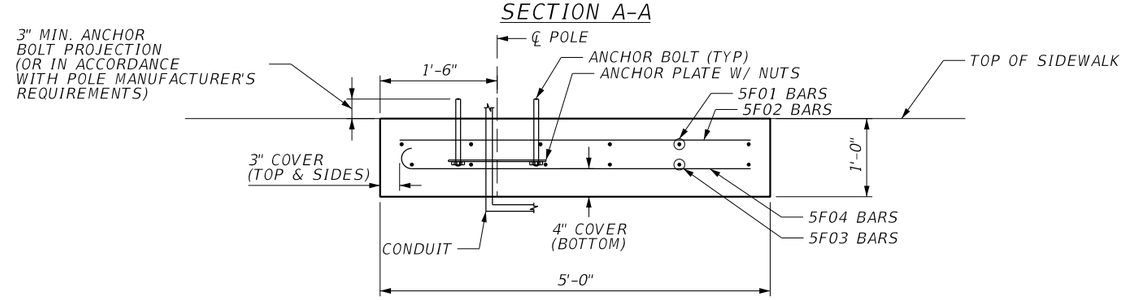
SHEET NO.
L-15



PLAN
SPREAD FOOTING FOUNDATION



SECTION A-A



SECTION B-B

SOIL PARAMETERS:

FRICTION ANGLE: 29 DEGREES
SOIL EFFECTIVE UNIT WEIGHT: 42.6 PCF
SOIL SUBMERGED UNIT WEIGHT: 105 PCF
ULTIMATE BEARING CAPACITY: 1300 PSF

DESIGN LOADS:

POLE MOUNTING HEIGHT = 14'
AXIAL DEAD LOAD: 228 LBS
WIND LOAD MOMENT (TRANSVERSE): 3061 LB-FT
WIND LOAD MOMENT (LONGITUDINAL): 3061 LB-FT
SHEAR (TRANSVERSE): 458 LBS
SHEAR (LONGITUDINAL): 458 LBS

NOTES:

1. DESIGN SPECIFICATIONS: FDOT STRUCTURES MANUAL JANUARY 2021. AASHTO LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS, 1ST ED WITH ALL INTERIMS
2. CONCRETE: CLASS II CONCRETE F'C=3400 PSI MIN 28 DAY COMP. STRENGTH.
3. ANCHOR BOLTS: MATERIAL IN ACCORDANCE WITH STANDARD PLANS INDEX NO. 715-002: ASTM F1554 GRADE 55, GALVANIZE PER ASTM F2329. DIAMETER, PROJECTION, ANCHORAGE DETAILS, AND BOLT CIRCLE DIMENSIONS AS PER POLE MANUFACTURER SPECIFICATIONS.
4. ALL CONDUITS SHALL BE P.V.C SCHEDULE 40.
5. SHOP DRAWINGS SHALL INCLUDE CALCULATIONS AS SPECIFIED IN STANDARD PLANS INDEX 715-002.
6. WORK THIS SHEET IN CONJUNCTION WITH LIGHTING PLANS.
7. WORK BAR SCHEDULE WITH FDOT STANDARD PLANS INDEX 415-001.

ESTIMATED QUANTITIES
(EACH FOOTING) (FOR INFORMATION ONLY)

ITEM	UNIT	QTY.
CLASS II CONCRETE	C.Y.	1.0
REINFORCING STEEL (SUBSTRUCTURE)	LB.	116
ANCHOR BOLTS	E.A.	4

BAR SCHEDULE

MARK		LENGTH	NO	TYP	STY		B	C	D	E	F	H	J	K	N	Ø
SIZE	DES	FT IN	BARS	BAR	A	G	FT IN FR	FT IN FR	FT IN FR	FT IN FR	FT IN FR	FT IN FR	FT IN FR	FT IN FR	NO	ANG
LOCATION SPREAD FOOTING											NO. REQUIRED = 37					
5	F01	4- 6	6	1			4- 6									
5	F02	4- 6	6	1			4- 6									
5	F03	4- 6	6	1			4- 6									
5	F04	5- 1	6	17	1		4- 6									
END OF LIST																

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

RAY T. STAUFFER, P.E.
P.E. LICENSE NUMBER 67092
GANNETT FLEMING, INC.
800 NW 62ND AVENUE, SUITE 490
MIAMI, FLORIDA 33126

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

LIGHT POLE FOUNDATION DETAIL

SHEET NO.
L-16

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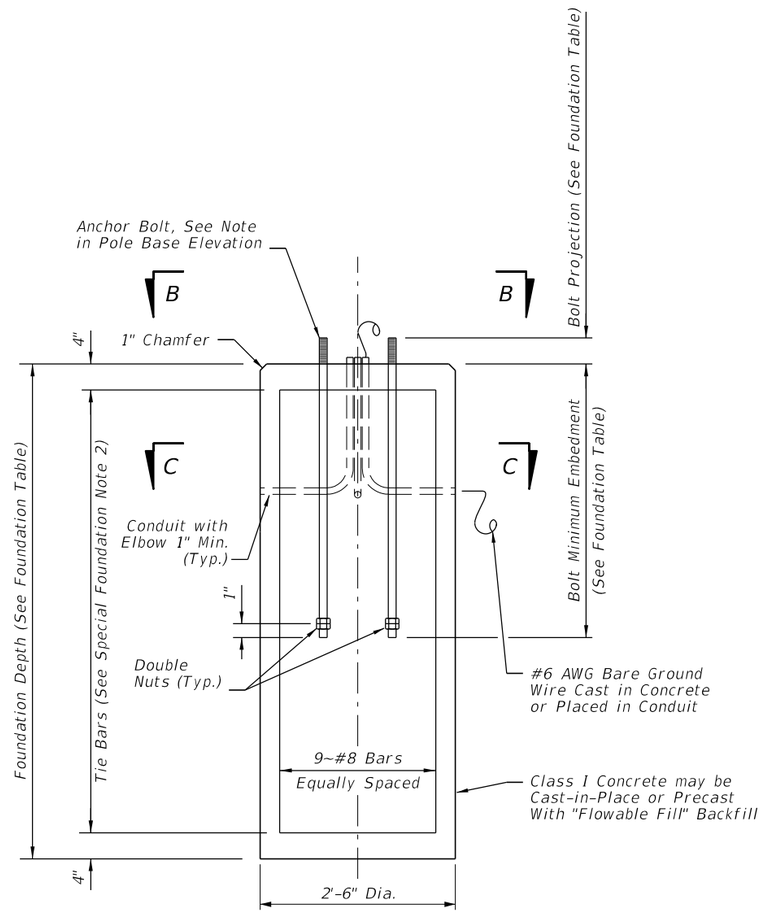

FOUNDATION

FOUNDATION NOTES [Notes Date 01-01-12]:

1. Design based on Borings taken and sealed by tsfGEO, Inc.
2. Assumptions and Values used in design:
   Soil Type - Sand
   Soil Layer Thickness = 12 ft.
   Soil Friction Angle = 29 deg.
   Soil Weight = 42.6 pcf (Effective - Submerged)
   Design Water Table is 0 ft. below surface
   Equivalent SPT-N = 6 b.p.f.

FOUNDATION TABLE		
Pole Mounting Height	14 ft. Pole	Standard 40 ft. Pole
Foundation Depth	5'-0"	9'-0"
Bolt Projection	3"	3.5"
Bolt Min. Embedment	1'-8"	3'-6"

SPECIAL FOUNDATION NOTES:

1. Special Drilled Shaft Foundations for Light Poles shall follow FDOT Std. Index No. 715-002, with Foundation Depth and Bolt Min. Embedment modified as shown in Foundation Table due to non-standard site soil properties.
2. For View B-B, Section C-C, and other foundation notes and details not shown here, see FDOT Std. Index No. 715-002.
3. Drilled shaft installation may be difficult due to shallow limerock. Provide full length temporary casing as needed.
4. Anchor Bolt projection may be modified in accordance with pole manufacturer requirements.
5. Anchor Bolt diameter to be in accordance with pole manufacturer requirements. The anchor bolt embedment for the 14 ft. pole is based on an assumed bolt diameter of 0.75". The anchor bolt embedment for the 40 ft. pole is based on an assumed bolt diameter of 1.5". Contractor is responsible to verify fit and adjust as needed during fabrication and construction.
6. Minimum Anchor Bolt embedment shown. Embedment may be increased based on pole manufacturer requirements.
7. Provide maximum anchor bolt circle diameter of 15", per FDOT Std. Index 715-002

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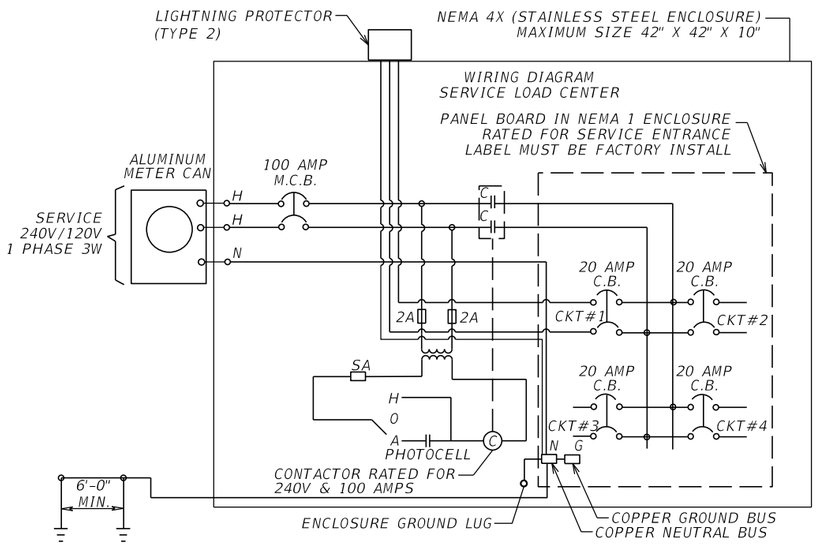
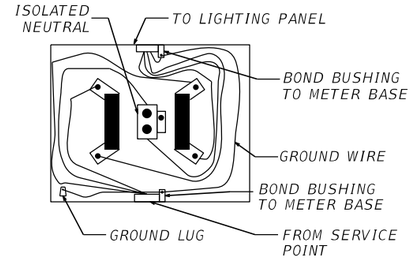
LIGHT POLE FOUNDATION DETAIL

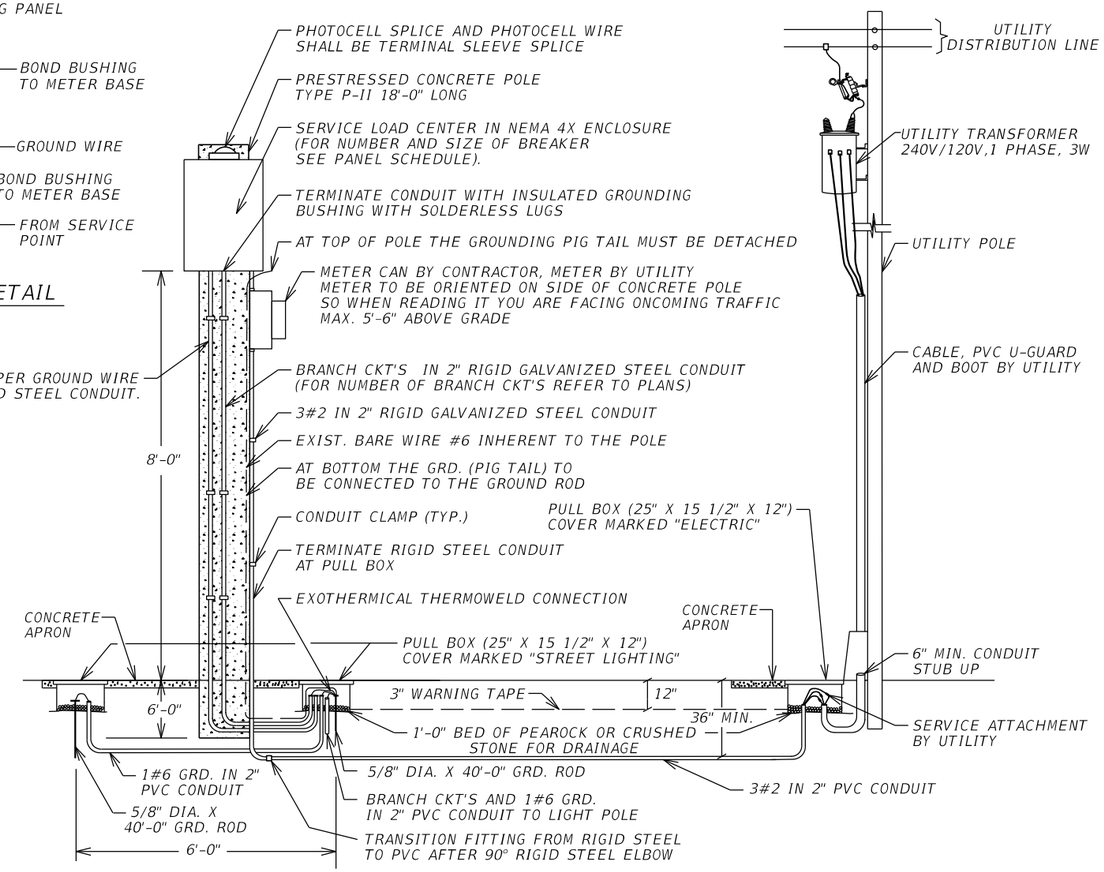
SHEET NO.
L-17



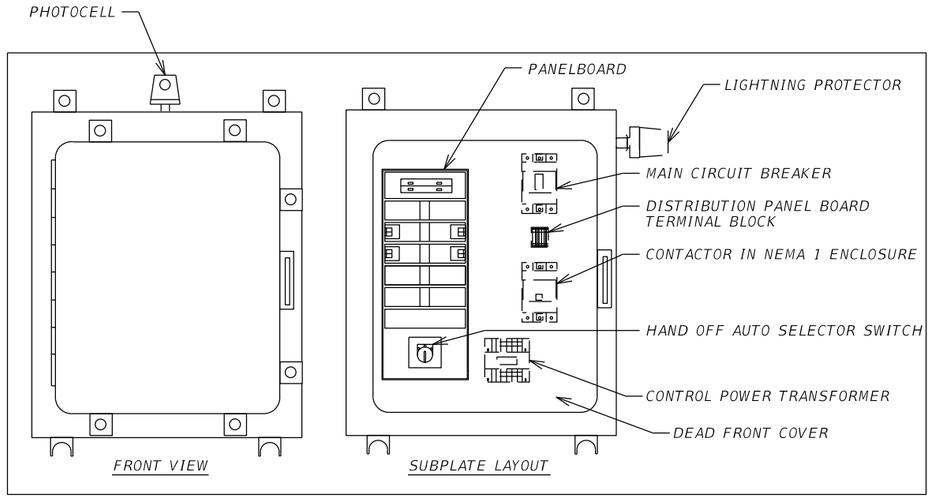
WIRING DIAGRAM SERVICE LOAD CENTER
NTS



METER SOCKET DETAIL
NTS



SERVICE POINT DETAIL
NTS



LIGHTING CONTROL CENTER
NTS

NOTES:

1. ALL WIRES EXTERNAL TO CONTROL CABINET TO BE TERMINATED TO A TERMINAL.
2. PROVIDE SIGNED AND SEALED STRUCTURAL PLANS AND CALCULATIONS FOR THE PRESTRESSED CONCRETE POLE.
3. BID ITEM 715-7-11 INCLUDES THE COST OF AN ALUMINUM METER APPROVED BY FPL WITH A GROUND LUG, BYPASS MECHANISM WITH LEVER AND ISOLATED NEUTRAL.

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SERVICE POINT DETAILS

SHEET NO.
L-18

EXISTING LOAD CENTER "F" LOCATED AT STA. 142+52.90 (43.25' RT) 240V/120V, SINGLE PHASE, 3 WIRE, MCB 100A (PER FPID: 413794-2-52-01) MAINTAINING AGENCY: CITY OF HOLLYWOOD				
CKT NO	EXIST. LOAD (A)	PROP. LOAD (A)	EXIST. C.B.	WIRE/CONDUCT
F-(A1)	16.2	9.5	40A	#4
F-(A2)	13.9	8.1	30A	#4
F-(A3)	13.9	8.1	30A	#4
F-(A4)	13.9	8.1	30A	#4

CONTINUOUS LOADS= 8.10 kVA
25% CONT. LOAD= 2.03 kVA
TOTAL= 10.23 kVA

$$Amp= \frac{VA}{V} =11,400/240=42.6 \text{ AMPS}$$

EXISTING TO REMAIN 100A SUB-PANEL DATA NOT PROVIDED, CIRCUITS A5-A8.

PROPOSED LOAD CENTER "H" LOCATED AT STA. 153+81.68 (47.0' RT) 240V/120V, SINGLE PHASE, 3 WIRE, MCB 100A MAINTAINING AGENCY: CITY OF HOLLYWOOD				
CKT NO	EXIST. LOAD (A)	PROP. LOAD (A)	EXIST. C.B.	WIRE/CONDUCT
H-1	N/A	5.4	20A	#6
H-2	N/A	5.1	20A	#6
H-3	N/A	6.5	20A	#4
H-4	N/A	5.6	20A	#4
SPARE	N/A	N/A	20A	N/A

NUMBERS OF BRANCH CKT. BREAKERS AS REQUIRED

CONTINUOUS LOADS= 5.40 kVA
25% CONT. LOAD= 1.35 kVA
TOTAL= 6.75 kVA

$$Amp= \frac{VA}{V} =6,750/240=28.1 \text{ AMPS}$$

EXISTING LOAD CENTER "I" LOCATED AT STA. 173+99.54 (71.8' RT) 240V/120V, SINGLE PHASE, 3 WIRE, MCB 100A (PER FPID: 413794-2-52-01) MAINTAINING AGENCY: CITY OF HOLLYWOOD				
CKT NO	EXIST. LOAD (A)	PROP. LOAD (A)	EXIST. C.B.	WIRE/CONDUCT
I-(B1)	12.7	5.4	20A	#6
I-(B2)	10.2	5.4	20A	#6
I-(B3)	15.3	8.1	30A	#4
I-(B4)	15.3	8.1	30A	#4

CONTINUOUS LOADS= 6.51 kVA (INCLUDES CIRCUITS B5 THRU B8 NOT SHOWN)
25% CONT. LOAD= 1.63 kVA
TOTAL= 8.14 kVA

$$Amp= \frac{VA}{V} =8,139/240=33.9 \text{ AMPS}$$

EXISTING TO REMAIN 100A SUB-PANEL DATA NOT PROVIDED, CIRCUITS B5-B8.

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LOAD CENTER SCHEDULE

SHEET NO.
L-19