

COMPONENTS OF CONTRACT PLANS SET

- ROADWAY PLANS
- SIGNING AND PAVEMENT MARKING PLANS
- SIGNALIZATION PLANS
- LANDSCAPE PLANS

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

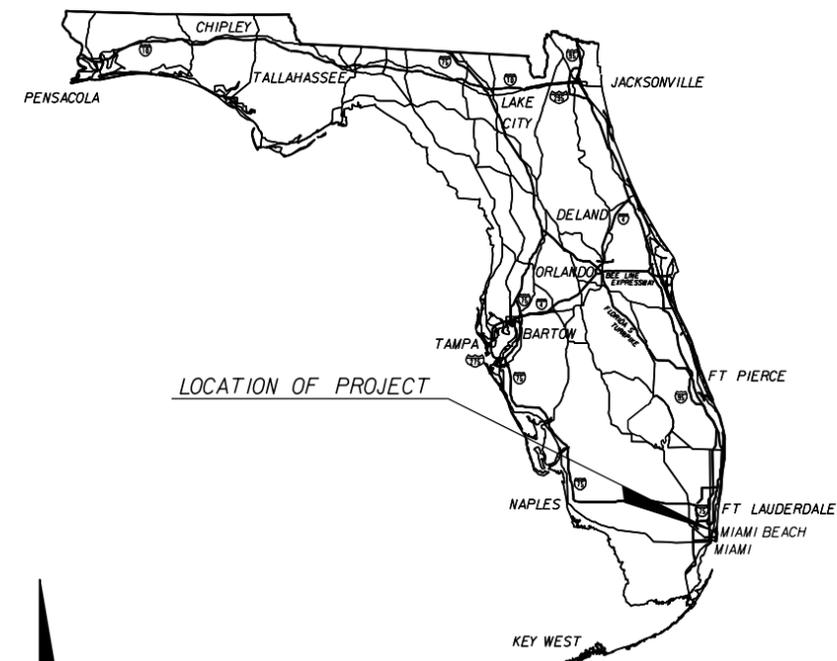
INDEX OF ROADWAY PLANS

- 1 KEY SHEET
- 2 SIGNATURE SHEET
- 3 - 4 SUMMARY OF PAY ITEMS
- 5 - 7 TYPICAL SECTION
- SQ-1 TO SQ-5 SUMMARY OF QUANTITIES
- 8 SUMMARY OF DRAINAGE STRUCTURES
- 9 PROJECT NOTES
- 10 - 22 ROADWAY PLAN
- 23 - 27 DRAINAGE STRUCTURES
- 28 TEMPORARY TRAFFIC CONTROL NOTES
- 29 - 31 TEMPORARY TRAFFIC CONTROL PLAN
- CTL-1 TO CTL-3 PROJECT NETWORK CONTROL

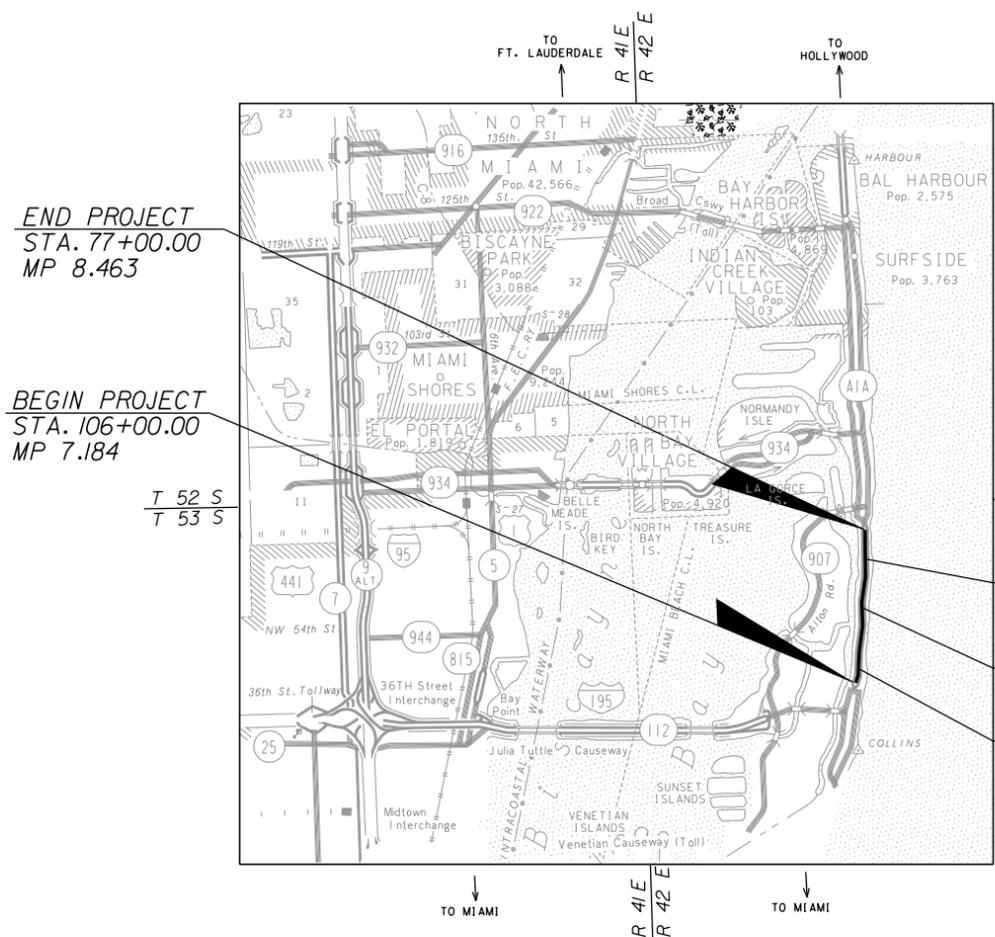
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 434773-1-52-01
(FEDERAL FUNDS)
MIAMI-DADE COUNTY (87060)
STATE ROAD NO. AIA / COLLINS AVENUE
FROM S. OF 4900 BLOCK TO N. 5800 BLOCK

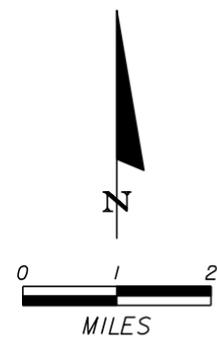


LOCATION OF PROJECT



END PROJECT
STA. 77+00.00
MP 8.463

BEGIN PROJECT
STA. 106+00.00
MP 7.184



T 52 S
T 53 S

Equation
Sta 71+56.98 BK =
Sta 71+56.38 AH

Equation:
Sta 45+08.29 BK =
Sta 45+04.34 AH

Equation:
Sta 15+54.93 BK =
Sta 15+99.69 AH

ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:
Alejandro G. Meitin, P.E.
C H Perez & Associates
9594 NW 41 Street, Suite 201
Doral, Florida 33178
tel: (305) 592-1070

PLANS PREPARED BY:
C H Perez and Associates
Consulting Engineers, Inc.
Certificate of Authorization No. 25976
9594 NW 41 Street, Suite 201 | Doral, Florida 33178
Tel. (305) 592-1070 | Fax. (305) 592-1078
Vendor No. 55-0866252
Contract No. C-9I91 www.p-a.cc

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

GOVERNING STANDARDS AND SPECIFICATIONS:
Florida Department of Transportation, 2016 Design Standards and revised Index Drawings as appended herein, and 2015 Standard Specifications for Road and Bridge Construction, as amended by Contract Documents.

For Design Standards click on the "Design Standards" link at the following web site:
<http://www.dot.state.fl.us/rddesign/>

For the Standard Specifications for Road and Bridge Construction click on the "Specifications" link at the following web site:
<http://www.dot.state.fl.us/specificationsoffice/>

| LENGTH OF PROJECT | | |
|-------------------------|-------------|-------|
| | LINEAR FEET | MILES |
| ROADWAY | 6753.12 | 1.279 |
| BRIDGES | | |
| NET LENGTH OF PROJECT | 6753.12 | 1.279 |
| EXCEPTIONS | | |
| GROSS LENGTH OF PROJECT | 6753.12 | 1.279 |

FDOT PROJECT MANAGER: ANA ARVELO, P.E.

| KEY SHEET REVISIONS | |
|---------------------|-------------|
| DATE | DESCRIPTION |
| | |

ROADWAY PLANS
ENGINEER OF RECORD: ALEJANDRO G. MEITIN, P.E.

P.E. NO.: 44744

| FISCAL YEAR | SHEET NO. |
|-------------|-----------|
| 18 | 1 |

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

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

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

CH PEREZ AND ASSOCIATES
CONSULTING ENGINEERS, INC.
9594 NW 41 STREET, SUITE 201
DORAL, FLORIDA 33178
CERTIFICATE OF AUTHORIZATION: 25976
ALEJANDRO G. MEITIN, P.E. NO. 44744

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

ROADWAY PLANS

| SHEET NO. | SHEET DESCRIPTION |
|-------------|---------------------------------|
| 1 | KEY SHEET |
| 2 | SIGNATURE SHEET |
| 3 - 4 | SUMMARY OF PAY ITEMS |
| 5 - 7 | TYPICAL SECTION |
| SQ-1 - SQ-5 | SUMMARY OF QUANTITIES |
| 8 | SUMMARY OF DRAINAGE STRUCTURES |
| 9 | PROJECT NOTES |
| 10 - 22 | ROADWAY PLAN |
| 23 - 27 | DRAINAGE STRUCTURES |
| 28 | TEMPORARY TRAFFIC CONTROL NOTES |
| 29 - 31 | TEMPORARY TRAFFIC CONTROL PLAN |

SIGNING AND PAVEMENT MARKING PLANS

| SHEET NO. | SHEET DESCRIPTION |
|------------|--------------------------------------|
| S-1 | KEY SHEET |
| S-2 - S-3 | TABULATION OF QUANTITIES |
| S-4 - S-17 | SIGNING AND PAVEMENT MARKING DETAILS |
| S-18 | OVERHEAD SIGN CROSS SECTION |
| S-19 | GUIDE SIGN WORKSHEET |

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TRACE CONSULTANTS, INC.
12485 SW 137 AVENUE, SUITE 207
MIAMI, FL 33186
CERTIFICATE OF AUTHORIZATION: 29942
FRANK PANELLAS, P.E. NO. 59448

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

ROADWAY COMPONENT

| SHEET NO. | SHEET DESCRIPTION |
|-----------|-------------------|
| 2 | SIGNATURE SHEET |

SIGNALIZATION PLANS

| SHEET NO. | SHEET DESCRIPTION |
|-------------|--|
| T-1 | KEY SHEET |
| T-2 - T-3 | TABULATION OF QUANTITIES |
| T-4 | SIGNALIZATION NOTES |
| T-5 - T-16 | SIGNALIZATION PLANS |
| T-17 | MAST ARM TABULATION |
| T-18 | STANDARD MAST ARM ASSEMBLY DATA TABLE |
| T-19 - T-20 | GUIDED SIGN WORKSHEET |
| T-21 | ELECTRICAL SERVICE DETAIL SHEET |
| T-22 | CONTROLLER CABINET INSTALLATION DETAIL |

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

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

GEOSOL, INC.
5795-A NW 151 ST 12485 SW 137 AVENUE,
SUITE 207
MIAMI LAKES, FL 33014
CERTIFICATE OF AUTHORIZATION: 8530
ORACIO RICCOBONO, P.E. NO. 49324

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

ROADWAY COMPONENT

| SHEET NO. | SHEET DESCRIPTION |
|-----------|-------------------|
| 2 | SIGNATURE SHEET |

SIGNALIZATION COMPONENT

| SHEET NO. | SHEET DESCRIPTION |
|-------------|------------------------|
| GT-1 - GT-7 | REPORT OF CORE BORINGS |

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

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

CH PEREZ AND ASSOCIATES
CONSULTING ENGINEERS, INC.
9594 NW 41 STREET, SUITE 201
DORAL, FLORIDA 33178
CERTIFICATE OF AUTHORIZATION: 25976
FRANCISCO L. NUNEZ, JR., P.S.M. NO. 6382

THE ABOVE NAMED PROFESSIONAL SURVEYOR AND MAPPER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 5J-17.062, F.A.C.

ROADWAY COMPONENT

| SHEET NO. | SHEET DESCRIPTION |
|-----------|-------------------|
| 2 | SIGNATURE SHEET |

ROADWAY PLANS

| SHEET NO. | SHEET DESCRIPTION |
|---------------|-------------------------|
| CTL-1 - CTL-3 | PROJECT NETWORK CONTROL |

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

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

MILLER LEGG
5747 NORTH ANDREWS WAY
FORT LAUDERDALE, FL 33309-2364
CERTIFICATE OF AUTHORIZATION: LC0000337
BRIAN R. SHORE, LA-6666770

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

ROADWAY PLANS

| SHEET NO. | SHEET DESCRIPTION |
|---------------|---|
| LD-1 | KEY SHEET |
| LD-2 | TABULATION OF QUANTITIES/PLANT SCHEDULE |
| LD-3 - LD-6 | TREE DISPOSITION CHART |
| LD-7 | LANDSCAPE NOTES |
| LD-8 | PLAN LAYOUT |
| LD-9 - LD-21 | LANDSCAPE PLAN |
| LD-22 - LD-23 | IRRIGATION GENERAL NOTES |
| LD-24 | IRRIGATION DETAILS |
| LD-25 - LD-37 | IRRIGATION PLAN |
| LD-38 - LD-41 | LIGHTING SCHEDULE & NOTE |
| LD-42 - LD-54 | LIGHTING PLAN |

| REVISIONS | | | | CH Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078 Vendor No. 55-0866252 Contract No. C-8X87 www.p-a.cc | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SIGNATURE SHEET | SHEET NO. 2 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|-----------------|--------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | A1A | MIAMI-DADE | 434773-1-52-01 | | |

| FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 434773-1-52-01 | | | | | | |
|---|-----|---------------------|--|---------------------------|-------------|----------------|
| LEAD PROJECT : 434773-1-52-01 | | DISTRICT : 06 | | COUNTY/SECTION : 87060000 | | |
| PROJECT(S) : 43477315201 | | COUNTY : MIAMI-DADE | | | | |
| 0200 SUMMARY OF ROADWAY | | | | | | |
| SPC | ALT | ITEM NUMBER | ITEM DESCRIPTION | UNIT | 43477315201 | QUANTITY TOTAL |
| | | 0101- 1- | MOBILIZATION 43477315201 | LS | 1.000 | 1.000 |
| | | 0102- 1- | MAINTENANCE OF TRAFFIC 43477315201 | (LS) | 1.000 | 1.000 |
| | | 0102- 3- | COMMERCIAL MATERIAL FOR TEMPORARY DRIVEWAY MAINTENANCE | CY | 1.000 | 1.000 |
| | | 0102- 14- | TRAFFIC CONTROL OFFICER | MH | 1.000 | 1.000 |
| | | 0102- 60- | WORK ZONE SIGN | ED | 1.000 | 1.000 |
| | | 0102- 61- | BUSINESS SIGN | EA | 1.000 | 1.000 |
| | | 0102- 74- 1 | CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD | ED | 1.000 | 1.000 |
| | | 0102- 74- 2 | CHANNELIZING DEVICE, TYPE III, 6' | ED | 1.000 | 1.000 |
| | | 0102- 76- | ARROW BOARD / ADVANCE WARNING ARROW PANEL | ED | 1.000 | 1.000 |
| | | 0102- 78- | TEMPORARY RETROREFLECTIVE PAVEMENT MARKER | EA | 1.000 | 1.000 |
| | | 0102- 99- | PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY | ED | 1.000 | 1.000 |
| | | 0102-104- | TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION | ED | 1.000 | 1.000 |
| | | 0102-107- 1 | TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION | ED | 1.000 | 1.000 |
| | | 0104- 10- 3 | SEDIMENT BARRIER | LF | 1.000 | 1.000 |
| | | 0104- 11- | FLOATING TURBIDITY BARRIER | LF | 1.000 | 1.000 |
| | | 0104- 18- | INLET PROTECTION SYSTEM | EA | 1.000 | 1.000 |
| | | 0107- 1- | LITTER REMOVAL | AC | 1.000 | 1.000 |
| | | 0107- 2- | MOWING | AC | 1.000 | 1.000 |
| | | 0110- 1- 1 | CLEARING & GRUBBING 43477315201 | (LS) | 1.000 | 1.000 |
| T | | 0110- 86- | DELIVERY OF SALVAGEABLE MATERIAL TO FDOT 43477315201 | LS | 1.000 | 1.000 |
| | | 0120- 71- | REGULAR EXCAVATION (3-R PROJECTS ONLY) 43477315201 | LS | 1.000 | 1.000 |
| | | 0160- 4- | TYPE B STABILIZATION | SY | 1.000 | 1.000 |
| | | 0162- 1- 11 | PREPARED SOIL LAYER, FINISH SOIL LAYER, 6" | SY | 1.000 | 1.000 |
| | | 0285-711- | OPTIONAL BASE, BASE GROUP 11 | SY | 1.000 | 1.000 |
| | | 0327- 70- 5 | MILLING EXIST ASPH PAVT, 2" AVG DEPTH | SY | 1.000 | 1.000 |
| | | 0334- 1- 13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | TN | 1.000 | 1.000 |
| | | 0337- 7- 73 | ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22, ARB | TN | 1.000 | 1.000 |
| | | 0425- 1-351 | INLETS, CURB, TYPE P-5, <10' | EA | 1.000 | 1.000 |
| | | 0425- 1-481 | INLETS, CURB, TYPE 8, <10' | EA | 1.000 | 1.000 |
| | | 0425- 2- 41 | MANHOLES, P-7, <10' | EA | 1.000 | 1.000 |
| | | 0430-174-112 | PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 12"SD | LF | 1.000 | 1.000 |
| | | 0430-174-115 | PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"SD | LF | 1.000 | 1.000 |
| | | 0430-174-118 | PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD | LF | 1.000 | 1.000 |
| | | 0520- 1- 10 | CONCRETE CURB & GUTTER, TYPE F | LF | 1.000 | 1.000 |
| | | 0520- 5- 11 | TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE | LF | 1.000 | 1.000 |
| | | 0522- 1- | CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK | SY | 1.000 | 1.000 |
| | | 0527- 2- | DETECTABLE WARNINGS | SF | 1.000 | 1.000 |
| | | 0570- 1- 2 | PERFORMANCE TURF, SOD | SY | 1.000 | 1.000 |
| | | 0710- 11-101 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6" | GM | 1.000 | 1.000 |
| | | 0710- 11-102 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8" | GM | 1.000 | 1.000 |

| FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 434773-1-52-01 | | | | | | |
|---|-----|---------------------|---|---------------------------|-------------|----------------|
| LEAD PROJECT : 434773-1-52-01 | | DISTRICT : 06 | | COUNTY/SECTION : 87060000 | | |
| PROJECT(S) : 43477315201 | | COUNTY : MIAMI-DADE | | | | |
| 0200 SUMMARY OF ROADWAY | | | | | | |
| SPC | ALT | ITEM NUMBER | ITEM DESCRIPTION | UNIT | 43477315201 | QUANTITY TOTAL |
| | | 0710- 11-123 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12" | LF | 1.000 | 1.000 |
| | | 0710- 11-124 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18" | LF | 1.000 | 1.000 |
| | | 0710- 11-125 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24" | LF | 1.000 | 1.000 |
| | | 0710- 11-131 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE | GM | 1.000 | 1.000 |
| | | 0710- 11-141 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6" | GM | 1.000 | 1.000 |
| | | 0710- 11-160 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL | EA | 1.000 | 1.000 |
| | | 0710- 11-170 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS | EA | 1.000 | 1.000 |
| | | 0710- 11-201 | PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6" | GM | 1.000 | 1.000 |
| | | 0710- 11-224 | PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18" | LF | 1.000 | 1.000 |
| | | 0710- 11-231 | PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 6" | GM | 1.000 | 1.000 |

| <table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> | | | | REVISIONS | | | | DATE | DESCRIPTION | DATE | DESCRIPTION | | | | | C H Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078 Alejandro G. Meitin Florida P.E. No. 44744 www.p-a.cc agm@p-a.cc | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td>A1A</td> <td>MIAMI-DADE</td> <td>434773-1-52-01</td> </tr> </tbody> </table> | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | A1A | MIAMI-DADE | 434773-1-52-01 | SUMMARY OF PAY ITEMS SHEET NO. 3 | |
|---|-------------|----------------------|-------------|-----------|--|--|--|------|-------------|------|-------------|--|--|--|--|--|--|--|--|----------|--------|----------------------|-----|------------|----------------|--|--|
| REVISIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE | DESCRIPTION | DATE | DESCRIPTION | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | | | | | | | | | | | | | | | | | | | | | | | | |
| A1A | MIAMI-DADE | 434773-1-52-01 | | | | | | | | | | | | | | | | | | | | | | | | | |

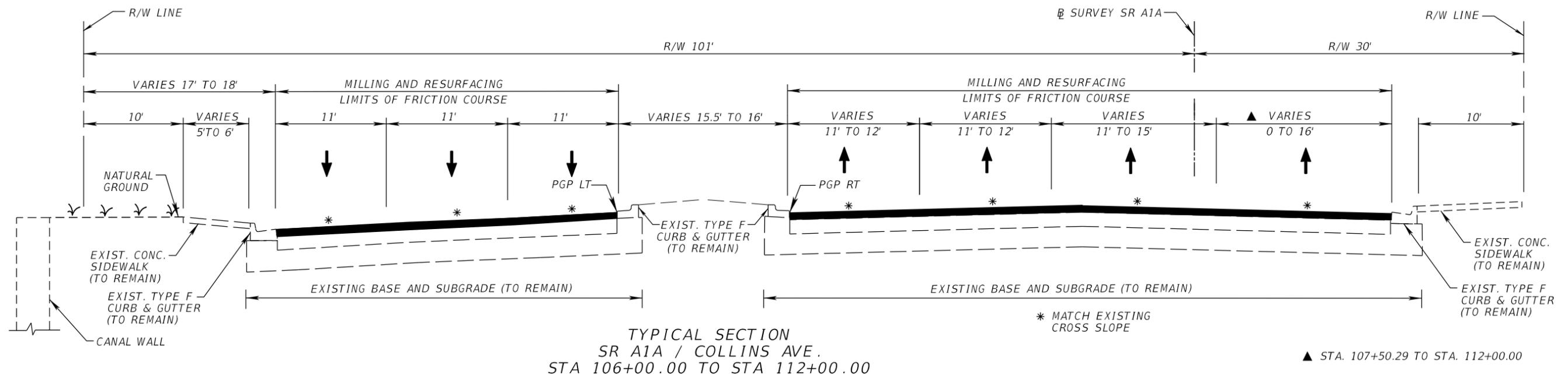
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| FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 434773-1-52-01 | | | | | | |
|---|-----|---------------------|--|---------------------------|-------------|----------------|
| LEAD PROJECT : 434773-1-52-01 | | DISTRICT : 06 | | COUNTY/SECTION : 87060000 | | |
| PROJECT(S) : 43477315201 | | COUNTY : MIAMI-DADE | | | | |
| 0300 SUMMARY OF SIGNING | | | | | | |
| SPC | ALT | ITEM NUMBER | ITEM DESCRIPTION | UNIT | 43477315201 | QUANTITY TOTAL |
| | | 0700- 1- 11 | SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF | AS | 1.000 | 1.000 |
| | | 0700- 1- 50 | SINGLE POST SIGN, RELOCATE | AS | 1.000 | 1.000 |
| | | 0700- 1- 60 | SINGLE POST SIGN, REMOVE | AS | 1.000 | 1.000 |
| | | 0700- 3-605 | SIGN PANEL, REMOVE, 51-100 SF | EA | 1.000 | 1.000 |
| | | 0700- 4-114 | OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 41-50 FT | EA | 1.000 | 1.000 |
| A | | 0706- 3- | RETRO-REFLECTIVE PAVEMENT MARKERS | EA | 1.000 | 1.000 |
| | | 0710- 11-290 | PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE | SF | 1.000 | 1.000 |
| | | 0711- 11-124 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS | LF | 1.000 | 1.000 |
| | | 0711- 11-125 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK | LF | 1.000 | 1.000 |
| | | 0711- 11-141 | THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6" | GM | 1.000 | 1.000 |
| | | 0711- 11-160 | THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL | EA | 1.000 | 1.000 |
| | | 0711- 11-170 | THERMOPLASTIC, STANDARD, WHITE, ARROW | EA | 1.000 | 1.000 |
| | | 0711- 11-224 | THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON | LF | 1.000 | 1.000 |
| | | 0711- 14-123 | THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK | LF | 1.000 | 1.000 |
| | | 0711- 14-125 | THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK | LF | 1.000 | 1.000 |
| | | 0711- 16-101 | THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6" | GM | 1.000 | 1.000 |
| | | 0711- 16-102 | THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8" | GM | 1.000 | 1.000 |
| | | 0711- 16-131 | THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP | GM | 1.000 | 1.000 |
| | | 0711- 16-201 | THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6" | GM | 1.000 | 1.000 |
| | | 0711- 16-202 | THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 8" | GM | 1.000 | 1.000 |

| FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 434773-1-52-01 | | | | | | |
|---|-----|---------------------|--|---------------------------|-------------|----------------|
| LEAD PROJECT : 434773-1-52-01 | | DISTRICT : 06 | | COUNTY/SECTION : 87060000 | | |
| PROJECT(S) : 43477315201 | | COUNTY : MIAMI-DADE | | | | |
| 0600 SUMMARY OF LANDSCAPE / PERIPHERAL | | | | | | |
| SPC | ALT | ITEM NUMBER | ITEM DESCRIPTION | UNIT | 43477315201 | QUANTITY TOTAL |
| | | 0580- 1- 1 | LANDSCAPE COMPLETE- SMALL PLANTS 43477315201 | LS | 1.000 | 1.000 |
| | | 0580- 1- 2 | LANDSCAPE COMPLETE- LARGE PLANTS 43477315201 | LS | 1.000 | 1.000 |
| T | | 0590- 70- | IRRIGATION SYSTEM 43477315201 | LS | 1.000 | 1.000 |
| | | 0630- 2- 11 | CONDUIT, FURNISH & INSTALL, OPEN TRENCH | LF | 1.000 | 1.000 |
| | | 0635- 2- 11 | PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE | EA | 1.000 | 1.000 |
| | | 0639- 2- 1 | ELECTRICAL SERVICE WIRE, FURNISH & INSTALL | LF | 1.000 | 1.000 |
| | | 0715- 1- 11 | LIGHTING CONDUCTORS, F&I, INSULATED, NO. 10 OR < | LF | 1.000 | 1.000 |
| | | 0715- 7- 21 | LOAD CENTER, REWORK, SECONDARY VOLTAGE | EA | 1.000 | 1.000 |
| | | 0715- 11-400 | LUMINAIRE, RELOCATE | EA | 1.000 | 1.000 |
| | | 0715- 11-500 | LUMINAIRE, REMOVE | EA | 1.000 | 1.000 |

| FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 434773-1-52-01 | | | | | | |
|---|-----|---------------------|--|---------------------------|-------------|----------------|
| LEAD PROJECT : 434773-1-52-01 | | DISTRICT : 06 | | COUNTY/SECTION : 87060000 | | |
| PROJECT(S) : 43477315201 | | COUNTY : MIAMI-DADE | | | | |
| 0500 SUMMARY OF SIGNALIZATION | | | | | | |
| SPC | ALT | ITEM NUMBER | ITEM DESCRIPTION | UNIT | 43477315201 | QUANTITY TOTAL |
| | | 0630- 2- 12 | CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE | LF | 3091.000 | 3091.000 |
| | | 0632- 7- 1 | SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL | PI | 4.000 | 4.000 |
| P | | 0632- 7- 6 | SIGNAL CABLE, REMOVE- INTERSECTION | PI | 6.000 | 6.000 |
| | | 0635- 2- 11 | PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE | EA | 68.000 | 68.000 |
| | | 0639- 1-122 | ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR | AS | 4.000 | 4.000 |
| | | 0639- 2- 1 | ELECTRICAL SERVICE WIRE, FURNISH & INSTALL | LF | 641.000 | 641.000 |
| | | 0639- 2- 6 | ELECTRICAL SERVICE WIRE, REMOVE | LF | 756.000 | 756.000 |
| | | 0641- 2- 12 | PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE | EA | 4.000 | 4.000 |
| | | 0646- 1- 11 | ALUMINUM SIGNALS POLE, PEDESTAL | EA | 5.000 | 5.000 |
| | | 0646- 1- 60 | ALUMINUM SIGNALS POLE, REMOVE | EA | 3.000 | 3.000 |
| | | 0649- 31-101 | STEEL MAST ARM,F&I, WIND SPEED-150,SINGLE ARM, W/O LUMINAIRE-36 | EA | 1.000 | 1.000 |
| | | 0649- 31-102 | MAST ARM,F&I, WIND SPEED-150,SINGLE ARM,W/O LUMINAIRE-46 | EA | 1.000 | 1.000 |
| | | 0649- 31-103 | MAST ARM,F&I, WIND SPEED-150, SINGLE ARM,W/O LUMINAIRE-60 | EA | 3.000 | 3.000 |
| | | 0649- 31-104 | MAST ARM,F&I, WIND SPEED-150,SINGLE ARM,W/O LUMINAIRE-70.5 | EA | 4.000 | 4.000 |
| | | 0649- 36-300 | MAST ARM, REMOVE SHALLOW FOUNDATION, BOLT ON ATTACHMENT | EA | 12.000 | 12.000 |
| | | 0650- 1- 14 | TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY | AS | 34.000 | 34.000 |
| | | 0650- 1- 18 | TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 5 SECTION STRAIGHT, 1 WAY | AS | 3.000 | 3.000 |
| | | 0650- 1- 46 | TRAFFIC SIGNAL, FURNISH & INSTALL PROGRAMMABLE, 4 SECTION, 1 WAY | AS | 1.000 | 1.000 |
| | | 0653- 1- 11 | PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY | AS | 6.000 | 6.000 |
| | | 0660- 1-109 | LOOP DETECTOR INDUCTIVE, F&I, TYPE 9 | EA | 7.000 | 7.000 |
| | | 0660- 2-101 | LOOP ASSEMBLY- F&I, TYPE A | AS | 7.000 | 7.000 |
| | | 0665- 1- 11 | PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD | EA | 6.000 | 6.000 |
| | | 0670- 5-120 | TRAFFIC CONTROLLER ASSEMBLY, F&I, 170 | AS | 4.000 | 4.000 |
| | | 0670- 5-600 | TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET | AS | 6.000 | 6.000 |
| | | 0700- 3-201 | SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF | EA | 3.000 | 3.000 |
| | | 0700- 5- 21 | INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF | EA | 9.000 | 9.000 |

| <table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> | | | | REVISIONS | | | | DATE | DESCRIPTION | DATE | DESCRIPTION | | | | | | | | | C H Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078 Alejandro G. Meitin Florida P.E. No. 44744 www.p-a.cc agm@p-a.cc | | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td>A1A</td> <td>MIAMI-DADE</td> <td>434773-1-52-01</td> </tr> </tbody> </table> | | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | A1A | MIAMI-DADE | 434773-1-52-01 | SUMMARY OF PAY ITEMS | | SHEET NO. 4 |
|--|-------------|----------------------|-------------|-----------|--|--|--|------|-------------|------|-------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|--------|----------------------|-----|------------|----------------|-----------------------------|--|-----------------------|
| REVISIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE | DESCRIPTION | DATE | DESCRIPTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A1A | MIAMI-DADE | 434773-1-52-01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



TRAFFIC DATA

CURRENT YEAR = 2016 AADT = 37700
 ESTIMATED OPENING YEAR = 2018 AADT = 39000
 ESTIMATED DESIGN YEAR = 2038 AADT = 49300
 K = 9.00% D = 54.50% T = 6.10 (24 HOUR)
 DESIGN SPEED = 35 MPH
 POSTED SPEED = 35 MPH
 FRONTAGE RD POSTED SPEED = 25 MPH

MILLING

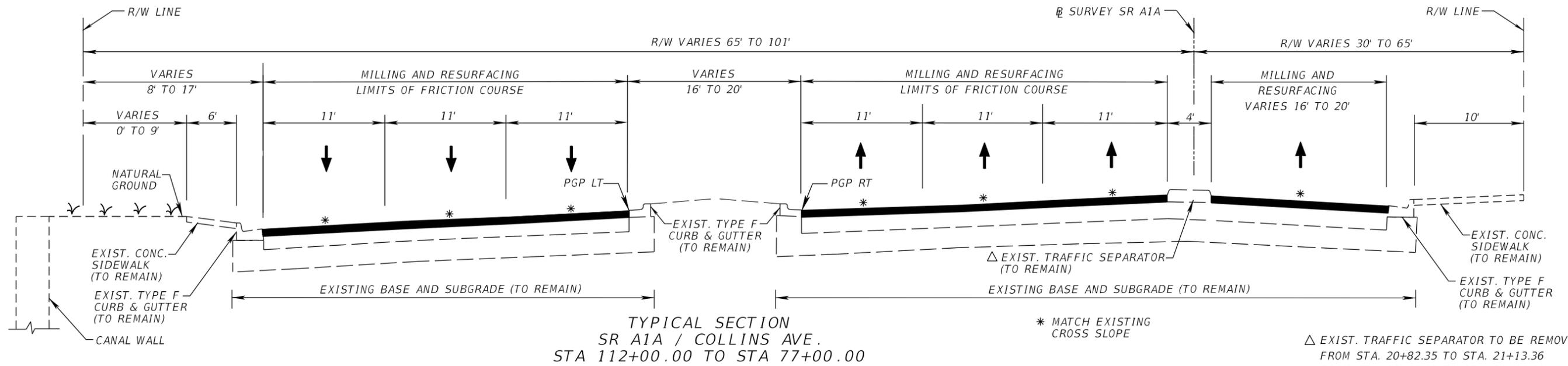
MILL EXISTING ASPHALT PAVEMENT (2")

RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1") AND
 FRICTION COURSE FC-9.5 (1") (PG 76-22, PMA)

WIDENING

OPTIONAL BASE GROUP 11 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1") AND
 FRICTION COURSE FC-9.5 (1") (PG 76-22, PMA)



| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

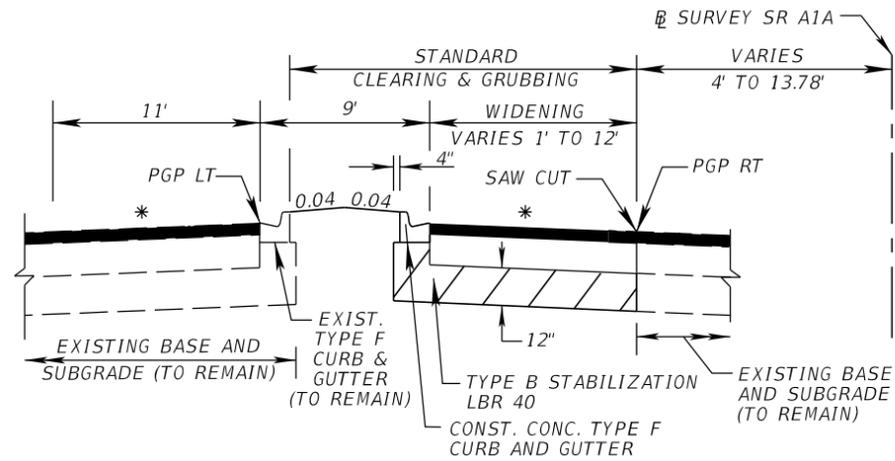
**C H Perez and Associates
Consulting Engineers, Inc.**
 Certificate of Authorization No. 25976
 9594 NW 41 Street, Suite 201 | Doral, Florida 33178
 Tel. (305) 592-1070 | Fax. (305) 592-1078
 Alejandro G. Meitin
 Florida P.E. No. 44744
 agm@p-a.cc

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| A1A | MIAMI-DADE | 434773-1-52-01 |

TYPICAL SECTION

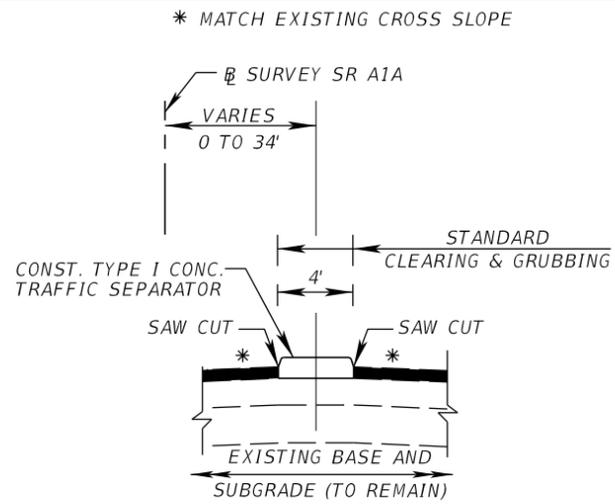
| |
|-----------|
| SHEET NO. |
| 5 |

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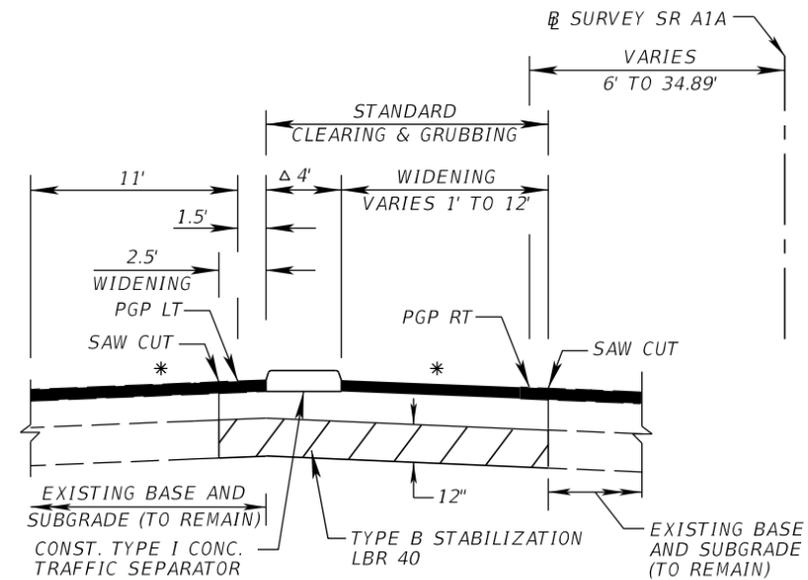
NORTHBOUND LT TURN WIDENING DETAIL

STA. 25+88.28 TO STA. 29+12.97
 STA. 40+93.21 TO STA. 43+16.56



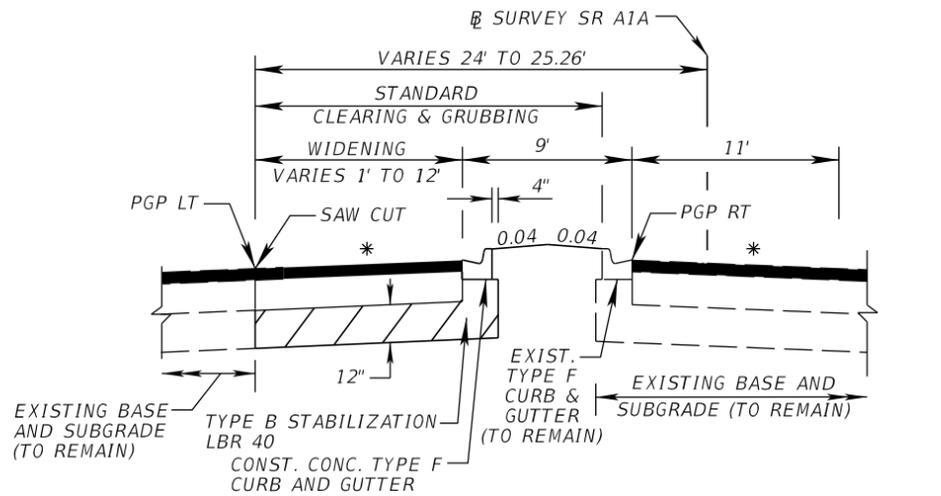
FRONTAGE ROAD TRAFFIC SEPARATOR DETAIL

STA. 110+78.00 TO STA. 112+24.92
 STA. 20+82.28 TO STA. 20+84.28
 STA. 21+45.27 TO STA. 21+75.46
 STA. 24+89.00 TO STA. 25+70.00
 STA. 26+85.00 TO STA. 27+70.00
 STA. 29+04.92 TO STA. 29+60.67
 STA. 30+24.66 TO STA. 30+26.65
 STA. 34+04.00 TO STA. 34+85.00
 STA. 38+38.00 TO STA. 39+12.00
 STA. 42+78.12 TO STA. 42+80.14



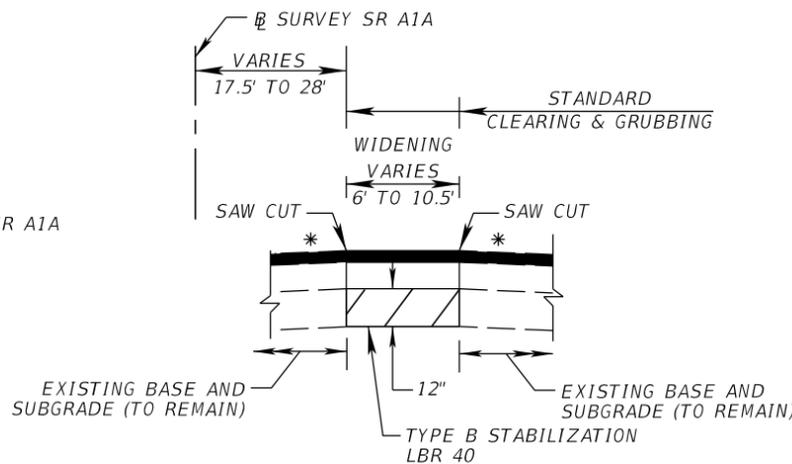
NORTHBOUND LT TURN WIDENING DETAIL

STA. 112+37.84 TO STA. 16+57.63
 STA. 54+40.73 TO STA. 56+92.48
 STA. 69+94.95 TO STA. 71+86.91
 Δ FROM STA. 54+90.73 TO STA. 56+90.73
 WIDTH IS 3.5'



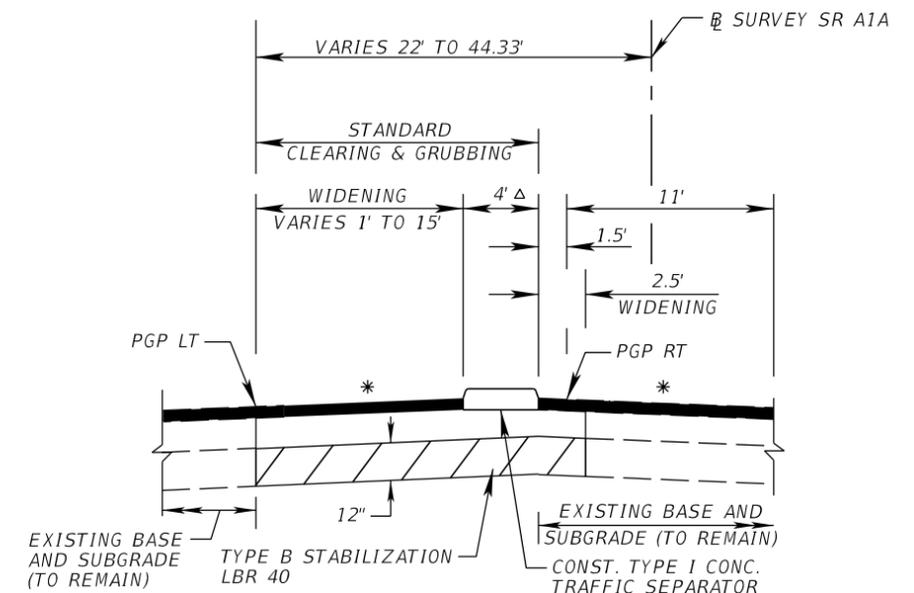
SOUTHBOUND LT TURN WIDENING DETAIL

STA. 30+22.69 TO STA. 33+17.28



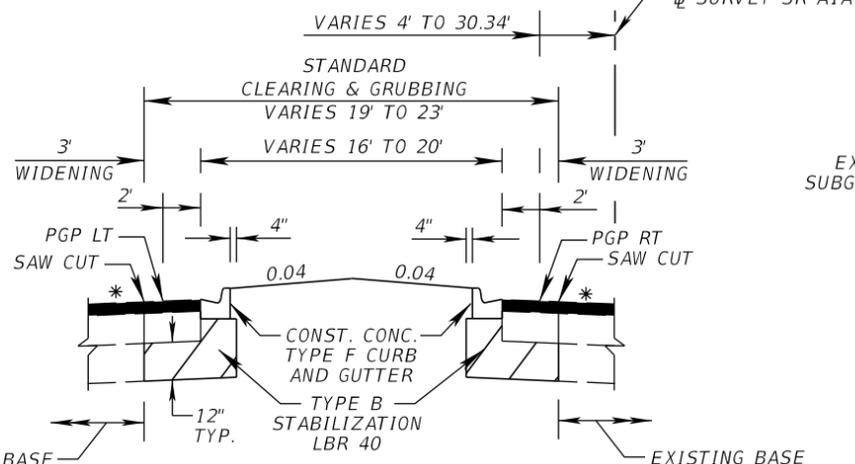
FRONTAGE ROAD DETAIL FOR WIDENING AT AREAS OF TRAFFIC SEPARATOR AND MEDIAN REMOVAL

STA. 20+82.28 TO STA. 21+13.36
 STA. 29+69.85 TO STA. 30+26.65
 STA. 42+78.12 TO STA. 43+35.59
 STA. 44+06.06 TO STA. 44+53.48
 STA. 50+88.00 TO STA. 51+63.89
 STA. 57+74.46 TO STA. 58+03.73
 STA. 67+30.00 TO STA. 68+13.01
 STA. 72+34.18 TO STA. 72+69.54
 STA. 75+39.05 TO STA. 75+81.57



SOUTHBOUND LT TURN WIDENING DETAIL

STA. 17+71.39 TO STA. 20+33.38
 STA. 44+53.15 TO STA. 47+00.15
 STA. 57+98.98 TO STA. 60+70.73
 STA. 72+92.93 TO STA. 75+05.02
 Δ FROM STA. 58+00.73 TO STA. 60+20.73
 WIDTH IS 3.5'



MEDIAN WIDENING DETAIL

STA. 16+97.30 TO STA. 17+31.27
 STA. 29+59.93 TO STA. 29+74.25
 STA. 43+76.61 TO STA. 44+05.93
 STA. 57+34.47 TO STA. 57+55.33
 STA. 72+27.20 TO STA. 73+50.32

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

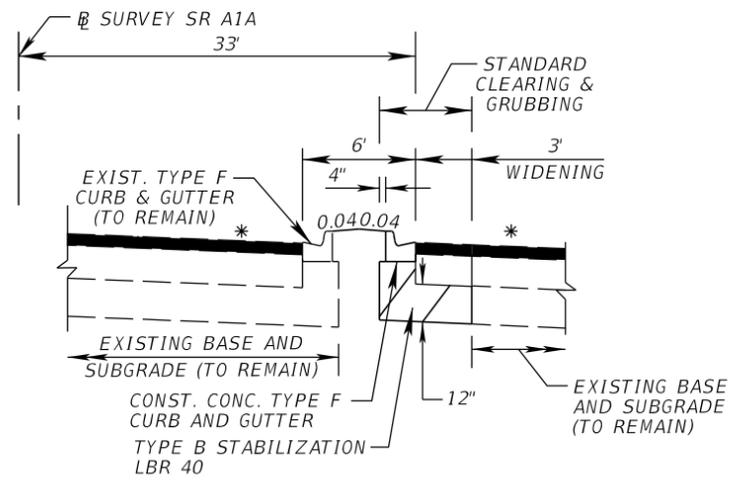
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|---|------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| A1A | MIAMI-DADE | 434773-1-52-01 |

TYPICAL SECTION

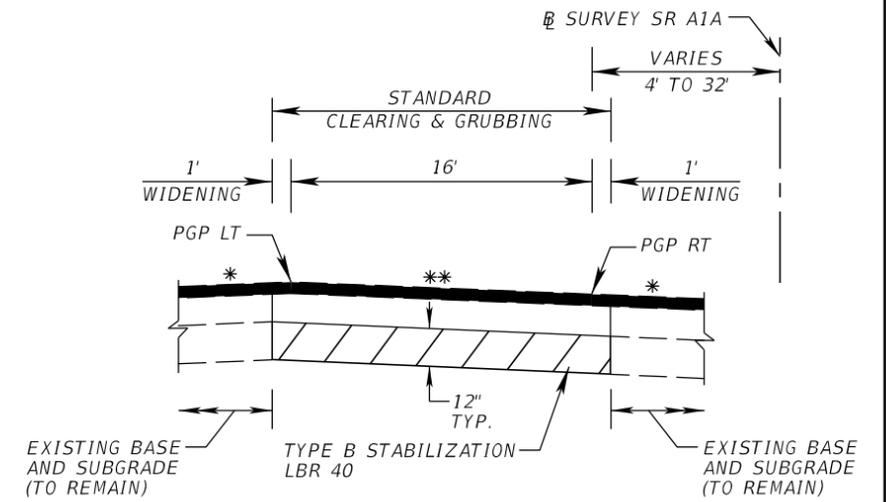
SHEET NO. 6

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FRONTAGE ROAD MEDIAN DETAIL

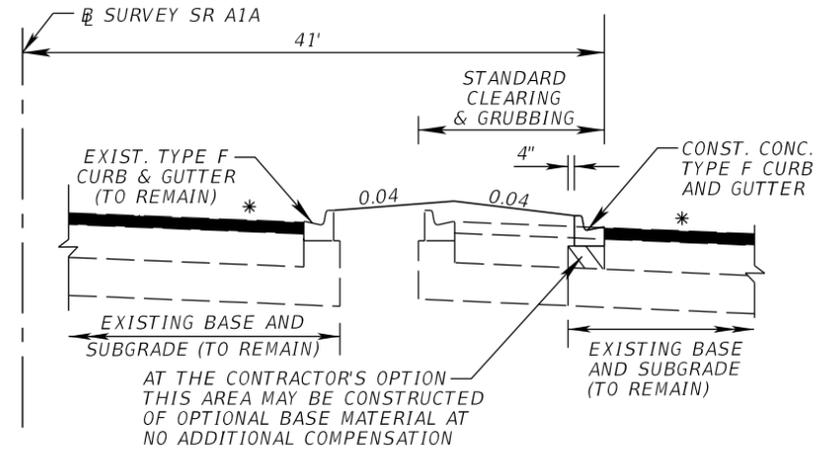
STA. 44+53.48 TO STA. 50+87.99
 STA. 51+63.89 TO STA. 57+39.73
 STA. 58+03.73 TO STA. 67+30.00
 STA. 68+13.01 TO STA. 72+34.18



** CROSS SLOPE VARIES REFER TO ELEVATIONS DETAIL

MEDIAN OPENING WIDENING DETAIL

STA. 16+57.63 TO STA. 17+03.93
 STA. 17+24.36 TO STA. 17+71.39
 STA. 29+12.97 TO STA. 29+59.93
 STA. 29+74.25 TO STA. 30+22.69
 STA. 40+02.73 TO STA. 40+79.55
 STA. 43+16.70 TO STA. 43+76.61
 STA. 44+05.93 TO STA. 44+53.15
 STA. 56+92.48 TO STA. 57+34.47
 STA. 57+55.33 TO STA. 57+98.98
 STA. 71+86.91 TO STA. 72+20.71
 STA. 72+57.28 TO STA. 72+92.93



FRONTAGE ROAD MEDIAN DETAIL

STA. 73+00.28 TO STA. 75+39.05

AT THE CONTRACTOR'S OPTION
 THIS AREA MAY BE CONSTRUCTED
 OF OPTIONAL BASE MATERIAL AT
 NO ADDITIONAL COMPENSATION

| REVISIONS | | | | C H Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078 Alejandro G. Meitin Florida P.E. No. 44744 www.p-a.cc agm@p-a.cc | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | TYPICAL SECTION | SHEET NO. 7 |
|-----------|-------------|------|-------------|---|---|------------|----------------------|------------------------|-----------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | A1A | MIAMI-DADE | 434773-1-52-01 | | |

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| SUMMARY OF LUMP SUM ITEMS | | | | | |
|---------------------------|----------------------|----------|---|--------------|----------------------|
| PAY ITEM NO. | PAY ITEM DESCRIPTION | QUANTITY | | DESIGN NOTES | CONSTRUCTION REMARKS |
| | | P | F | | |
| 101-1 | MOBILIZATION | 1 | | | |
| | | | | | |
| | | | | | |

| SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS | | | | | | | | | | | | | | | |
|---|---|-------|----------|----------|-------|----------|----------|-------|-----------|----------|-------|-------------|---|---|----------------------|
| PAY ITEM NO. | PAY ITEM DESCRIPTION | UNITS | PHASE I | | | PHASE II | | | PHASE III | | | GRAND TOTAL | | DESIGN NOTES | CONSTRUCTION REMARKS |
| | | | DURATION | QUANTITY | TOTAL | DURATION | QUANTITY | TOTAL | DURATION | QUANTITY | TOTAL | P | F | | |
| | | | DAYS | P | P | DAYS | P | P | DAYS | P | P | P | F | | |
| 102-1 | MAINTENANCE OF TRAFFIC | LS | | | | | | | | | | | | | |
| 102-14 | TRAFFIC CONTROL OFFICER | MH | | | | | | | | | | | | | |
| 102-60 | WORK ZONE SIGNS | ED | | | | | | | | | | | | | |
| 102-61 | BUSINESS SIGNS | EA | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 102-74-1 | CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD | ED | | | | | | | | | | | | | |
| 102-74-2 | CHANNELIZING DEVICE, TYPE III, 6' | ED | | | | | | | | | | | | | |
| 102-76 | ARROW BRD/ADVANCE WARNING ARROW PANEL | ED | | | | | | | | | | | | | |
| 102-78 | TEMPORARY RETROREFLECTIVE PAVEMENT MARKERS | EA | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 102-99 | PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY | ED | | | | | | | | | | | | PHASE I INCL. 14 DAYS PER SIGN BEFORE CONST. BEGINS | |
| 710-11-101 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6" | NM | | | | | | | | | | | | | |
| 710-11-102 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 8" | LF | | | | | | | | | | | | | |
| 710-11-123 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 12" | LF | | | | | | | | | | | | | |
| 710-11-124 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 18" | LF | | | | | | | | | | | | | |
| 710-11-125 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 24" | LF | | | | | | | | | | | | | |
| 710-11-131 | PAINTED PAVEMENT MARKINGS, WHITE, SKIP, 6", 10-30 | GM | | | | | | | | | | | | | |
| 710-11-141 | PAINTED PAVEMENT MARKINGS, WHITE, 2-4 DOTTED GUIDELINE, 6" | LF | | | | | | | | | | | | | |
| 710-11-160 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE | EA | | | | | | | | | | | | | |
| 710-11-170 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROW | EA | | | | | | | | | | | | | |
| 710-11-201 | PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6" | NM | | | | | | | | | | | | | |
| 710-11-224 | PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 18" | LF | | | | | | | | | | | | | |
| 710-11-231 | PAINTED PAVEMENT MARKINGS, YELLOW, 2-4 DOTTED GUIDELINE, 6" | GM | | | | | | | | | | | | | |
| 710-11-211 | PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED/GUIDELINE, 6-10 GAP EXTENSION, 6" | GM | | | | | | | | | | | | | |

| REVISIONS | | | | CH Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078 Alejandro G. Meitin Florida P.E. No. 44744 www.p-a.cc agm@p-a.cc | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SUMMARY OF QUANTITIES | SHEET NO. |
|-----------|-------------|------|-------------|---|--|------------|----------------------|------------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | A1A | MIAMI-DADE | 434773-1-52-01 | | SQ-1 |

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SUMMARY OF PAVEMENT

| PAY ITEM NO. | PAY ITEM DESCRIPTION | LOCATION | | SIDE | AREA ID | LENGTH | WIDTH | UNIT | QUANTITY | | TOTAL | | DESIGN NOTES | CONSTRUCTION REMARKS |
|--------------|---|--------------|-------------|------|---------|--------|-------|------|----------|---|-------|---|--------------|----------------------|
| | | STA. TO STA. | DESCRIPTION | | | | | | P | F | P | F | | |
| | | | | | | | | | | | | | | |
| 0160-4 | TYPE B STABILIZATION | | | | | | | SY | | | | | | |
| 0285-711 | OPTIONAL BASE, GROUP 11 | | | | | | | SY | | | | | | |
| 327-70-5 | MILLING EXISTING ASPHALT PAVEMENT (2" AVG. DEPTH) | | | | | | | SY | | | | | | |
| 334-1-13 | SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C REFER TO OPTIONAL BASE GROUP 11 FOR AREA QUANTITIES 5% CONTINGENCY TOTAL | | | | | | | TN | | | | | | |
| 337-7-73 | ASPHALTIC CONCRETE FRICTION COURSE, TRAFFIC C, FC - 9.5 (PG 76-22)(PMA)(1") 5% CONTINGENCY TOTAL | | | | | | | TN | | | | | | |

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

| PAY ITEM NO. | PAY ITEM DESCRIPTION | LOCATION STA. TO STA. | SIDE | AREA ID | UNIT | QUANTITY | | | | TOTAL | | DESIGN NOTES | CONSTRUCTION REMARKS | |
|--------------|----------------------------|--------------------------|------|---------|------|--------------|------------|--------|------------|-------|---|--------------|----------------------|---|
| | | | | | | GROSS LENGTH | DEDUCTIONS | | NET LENGTH | | P | | | F |
| | | | | | | | TYPE | LENGTH | P | F | | | | |
| 520-1-10 | CURB & GUTTER, TYPE F | | | | | | | | | | | | | |
| 520-5-11 | TAFFIC SEPARATOR TYPE I | | | | | | | | | | | | | |

| <table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> | | | | REVISIONS | | | | DATE | DESCRIPTION | DATE | DESCRIPTION | | | | | C H Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 <small>9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078</small> Alejandro G. Meitin Florida P.E. No. 44744 <small>www.p-a.cc agm@p-a.cc</small> | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION <table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> <tr> <td>A1A</td> <td>MIAMI-DADE</td> <td>434773-1-52-01</td> </tr> </table> | | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | A1A | MIAMI-DADE | 434773-1-52-01 | <p align="center">SUMMARY OF QUANTITIES</p> | | SHEET NO. SQ-4 |
|---|-------------|----------------------|-------------|-----------|--|--|--|------|-------------|------|-------------|--|--|--|--|--|--|--|--|--|----------|--------|----------------------|-----|------------|----------------|--|--|-------------------|
| REVISIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE | DESCRIPTION | DATE | DESCRIPTION | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A1A | MIAMI-DADE | 434773-1-52-01 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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GENERAL NOTES:

- BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE: N.A.V.D. 88.
- IF ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, IMMEDIATELY NOTIFY THE ENGINEER IN CONJUNCTION WITH THE DISTRICT LOCATION SURVEYOR.
- INSTALLATIONS OF NEW PULL BOXES SHALL BE PERFORMED BY QUALIFY ELECTRICAL CONTRACTOR. WHEN NEW PULL BOX IS REPLACING EXISTING PULL BOX, THE CONTRACTOR SHALL ADJUST CONDUITS AND CABLES TO FIT THE NEW PULL BOX ELEVATION. COST OF ADJUSTMENTS IS INCLUDED IN THE PULL BOX PAY ITEM.
- THE CONTRACTOR SHALL PERFORM AN INVENTORY OF ALL EXISTING STREET LIGHTING, TRAFFIC SIGNAL AND OTHER ELECTRIC AND COMMUNICATION INSTALLATIONS (POLES, PULL BOXES, CONTROLLER CABINET, SERVICE POINTS, ETC.) WITHIN THE AFFECTED LIMITS. AFFECTED LIMITS INCLUDE ALL AREAS WHERE CLEARING AND GRUBBING, EXCAVATION, REMOVAL OF SIDEWALK, OR ANY SPECIFIED ELECTRICAL WORKS ARE BEING PERFORMED. THE CONTRACTOR SHALL SUBMIT A REPORT OF THE CONDITION OF EACH INSTALLATION AND ITS CONTENT TO THE ENGINEER PRIOR TO THE BEGINNING OF CONSTRUCTION; INCLUDING PHOTOGRAPHS OF ANY IDENTIFY DEFICIENCIES.

DRAINAGE:

- ELEVATIONS AND OFFSETS FOR CURB INLETS ARE GIVEN AT THE EDGE OF PAVEMENT.

UTILITIES:

- EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.
- FOR ROADWAYS WITH EXISTING LIGHT POLES, NOTIFY THE ENGINEER AND CALL THE FDOT MAINTENANCE DEPARTMENT TO REQUEST LIGHTING CONDUIT LOCATIONS TWO (2) FULL BUSINESS DAYS PRIOR TO DIGGING.

FOR MONROE COUNTY AND THE 18 MILE STRETCH CONTACT PATTY IVEY AT (305) 289-6106.
FOR LIMITED ACCESS ROADWAYS IN MIAMI-DADE COUNTY CONTACT LEONARD SALAZAR AT (305) 470-5498.
FOR ALL OTHER ROADWAYS IN MIAMI-DADE COUNTY CONTACT MIKE HUGHES AT (305) 640-7160.

- PRE-TRENCHING IN THE ALIGNMENT AND GRADE OF PROPOSED PIPES STRUCTURES, FRENCH DRAINS, SLAB COVERED TRENCHES, CONDUITS, POLE FOUNDATIONS AND/OR SUB-GRADE SHALL BE PERFORMED SEVEN DAYS IN ADVANCE OF ITS CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE UNDERGROUND UTILITY OWNERS AND THE DEPARTMENT WITH A SEVEN DAYS ADVANCE NOTICE OF ANY CONFLICT WITH PROPOSED CONSTRUCTION. THIS NOTIFICATION SHALL PROVIDE SURVEY INFORMATION ABOUT EXISTING UTILITY ALIGNMENT, GRADE AND POSSIBLE CONFLICTS. PAYMENT FOR PRE-TRENCHING, SURVEY AND BACKFILLING SHALL BE INCLUDED IN THE COST OF THE RELATED BID ITEM FOR THE WORK BEING DONE.

- UTILITY OWNER :

| | |
|-----------------------------------|----------------|
| AT&T | (305) 442-5290 |
| AT&T FL / BELLSOUTH | (305) 222-8745 |
| FLORIDA POWER AND LIGHT (FPL) | (305) 442-5129 |
| ATLANTIC BROADBAND | (305) 861-8069 |
| CROWN CASTLE | (724) 416-2193 |
| HOTWIRE COMMUNICATIONS | (305) 219-0286 |
| MIAMI-DADE CO. PUBLIC WORKS DEPT. | (305) 375-2854 |
| CITY OF MIAMI BEACH | (305) 673-7080 |
| TECO / PEOPLES GAS | (954) 453-0805 |

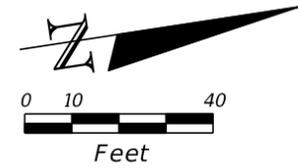
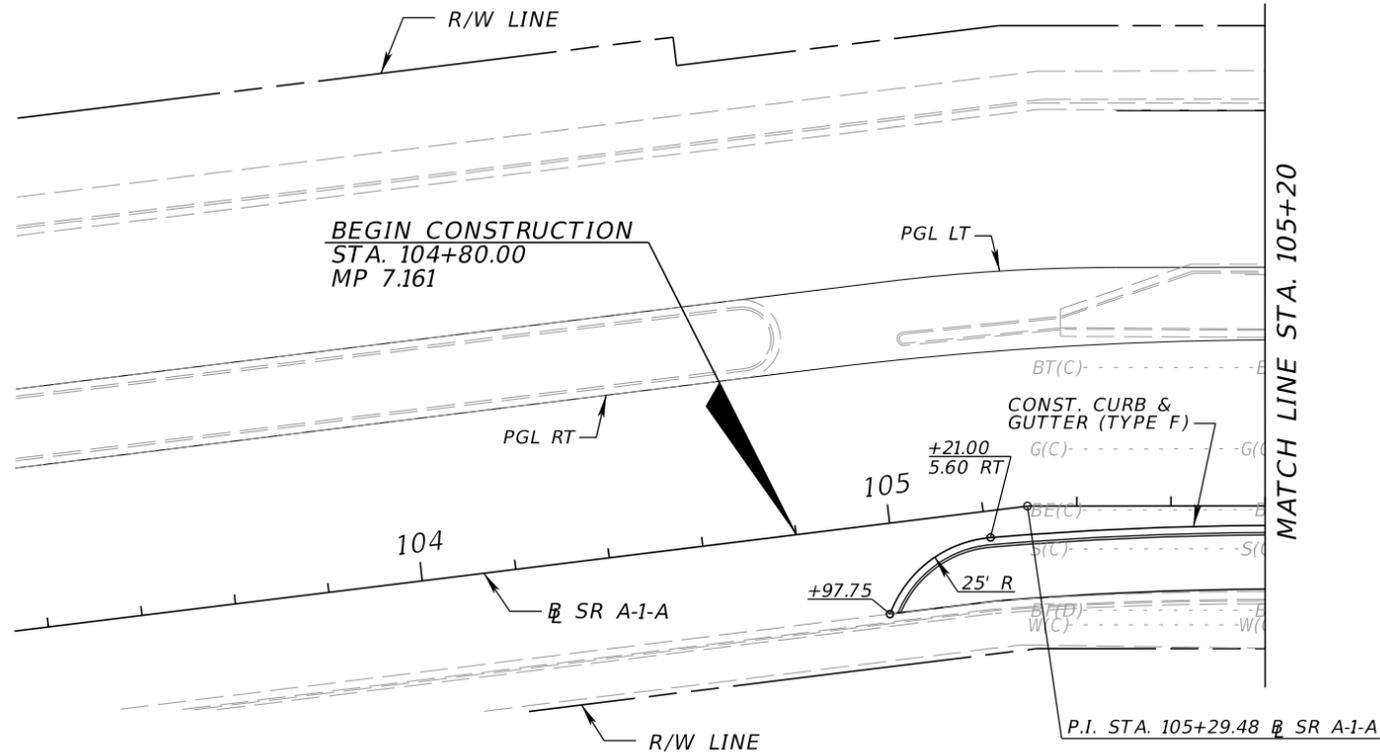


MIAMI-DADE TRANSIT :

- THE CONTRACTOR SHALL NOTIFY MIAMI-DADE TRANSIT (MDT), BARRY SMERLING BSMERL@MIAMIDADE.GOV) FROM THE OFFICE OF SAFETY & SECURITY, AT LEAST 48 HOURS PRIOR TO THE INITIATION OF ANY WORK WITHIN 30 FEET OF A MDT BUSWAY, METRORAIL, OR METROMOVER FACILITY.
- MDT BUS OPERATIONS MAINTAINS A 24 HOURS PER DAY/365 DAYS PER YEAR BUS TRAFFIC CONTROL CENTER AT 305-375-2925 FOR EMERGENCY SITUATION NOTIFICATION.
- THE MDT BUSWAY IS OPERATIONAL 24 HOURS PER DAY/365 DAYS PER YEAR SERVING MDT BUSES, MDT AUTHORIZED VEHICLES, FIRE RESCUE, AND POLICE.
- AS PER MDT PERMIT, NO CRANE OR AERIAL WORK (BOOM TRUCKS, CHERRY PICKERS, SCISSOR LIFTS, CRANES, ETC...) SHALL BE PERFORMED WITHIN A 30 FEET ZONE EXTENDING OUTWARD FROM THE OUTER MOST EDGES OF THE MDT'S METRORAIL/METROMOVER GUIDEWAY UNLESS A MDT SPOTTER IS PRESENT. THE COST FOR THE MDT SPOTTER, (\$60 PER HOUR INCLUDING ONE HOUR TRAVEL TIME, 30 MINUTES, TO AND FROM THE PROJECT), TO BE INCLUDED IN THE PAY ITEM(S) OF WORK FOR WHICH THE SPOTTER WILL BE REQUIRED.
- THE CONTRACTOR SHALL TAKE MDT SAFETY TRAINING PRIOR TO PERFORMING ANY WORK UNDERNEATH A MDT'S METRORAIL OR METROMOVER GUIDEWAY.

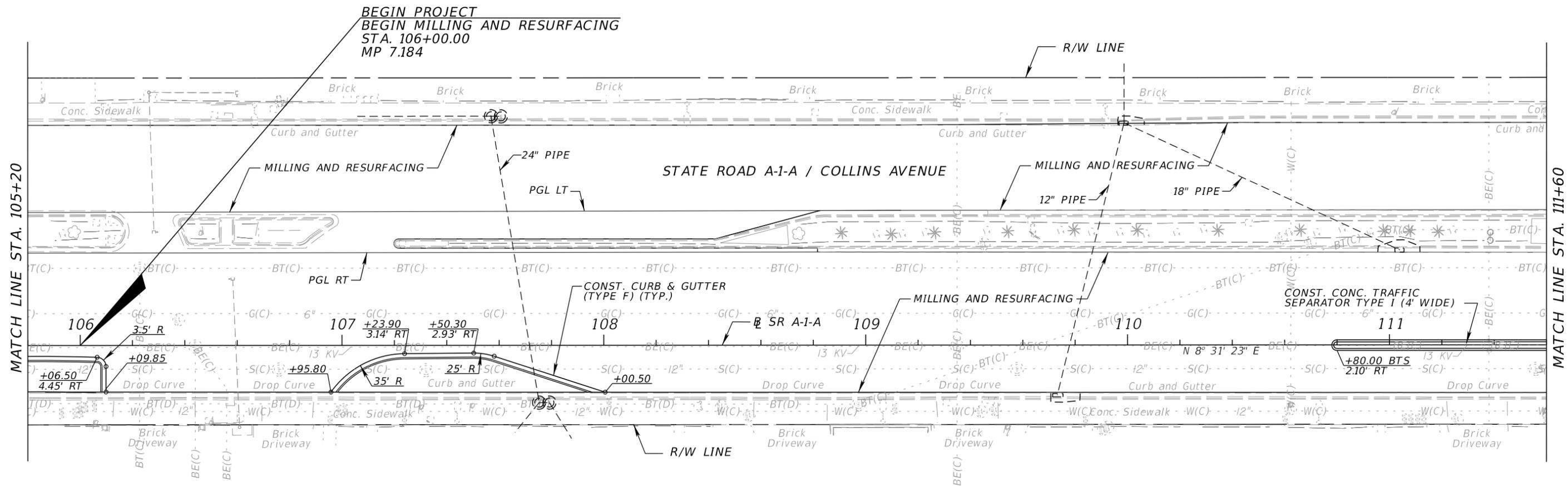
| REVISIONS | | | | C H Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078 Alejandro G. Meitin Florida P.E. No. 44744 www.p-a.cc agm@p-a.cc | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | PROJECT NOTES | SHEET NO. |
|-----------|-------------|------|-------------|--|--|------------|----------------------|----------------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | A1A | MIAMI-DADE | 434773-1-52-01 | | 9 |

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



LEGEND:

- WIDENING
- BCG BEGIN CURB AND GUTTER
- ECG END CURB AND GUTTER
- BSWK BEGIN SIDEWALK
- ESWK END SIDEWALK
- ETS END TRAFFIC SEPARATOR



MIMOSA CONDOMMINIUM
4747 COLLINS AVE.

GREEN DIAMOND
CONDOMMINIUM
4775 COLLINS AVE.

GREEN DIAMON
CONDOMMINIUM
4775 COLLINS AVE.

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

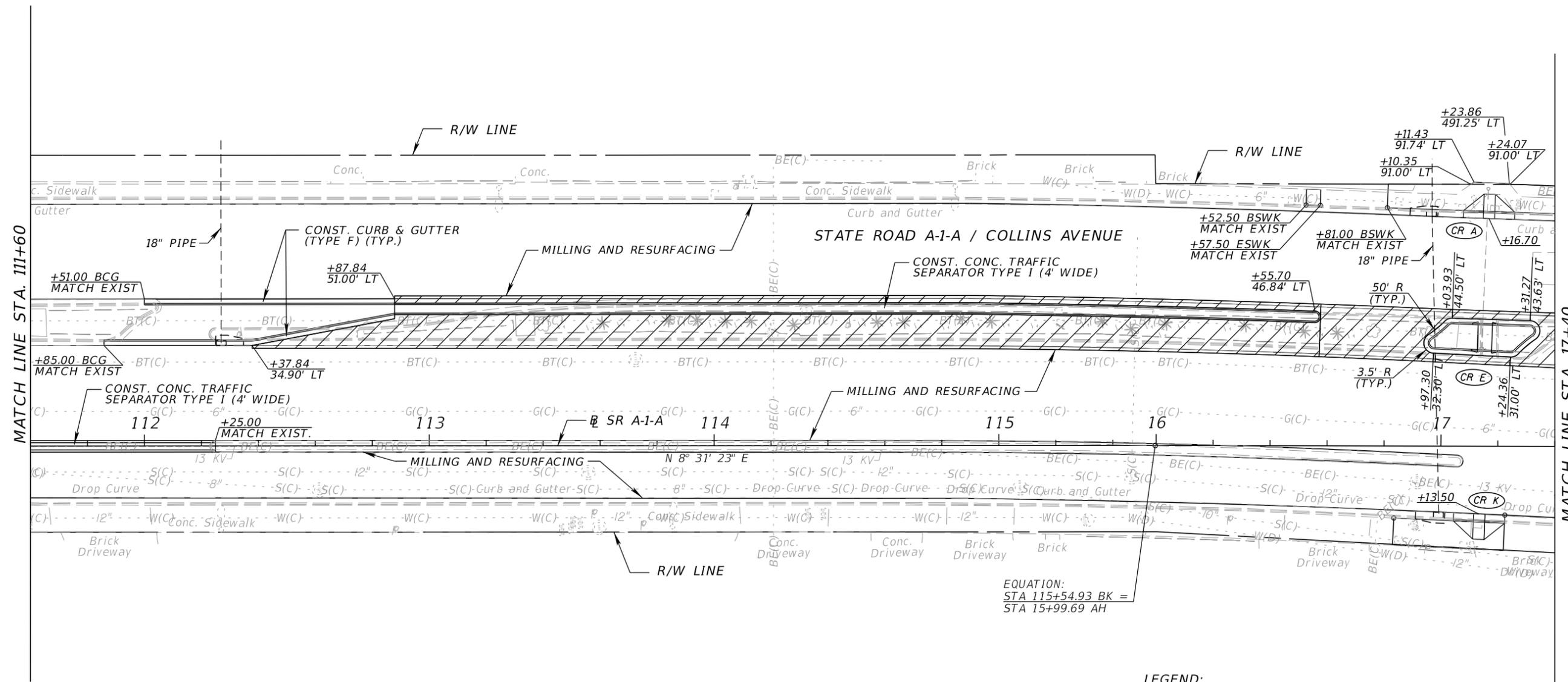
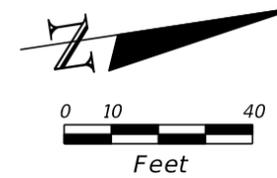
**C H Perez and Associates
Consulting Engineers, Inc.**
Certificate of Authorization No. 25976
9594 NW 41 Street, Suite 201 | Doral, Florida 33178
Tel. (305) 592-1070 | Fax. (305) 592-1078
Alejandro G. Meitin
Florida P.E. No. 44744
agm@p-a.cc

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| A1A | MIAMI-DADE | 434773-1-52-01 |

ROADWAY PLAN

SHEET NO.
10

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



EQUATION:
 STA 115+54.93 BK =
 STA 15+99.69 AH

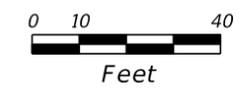
WYNDHAM HOTEL
 4833 COLLINS AVE.

LEGEND:

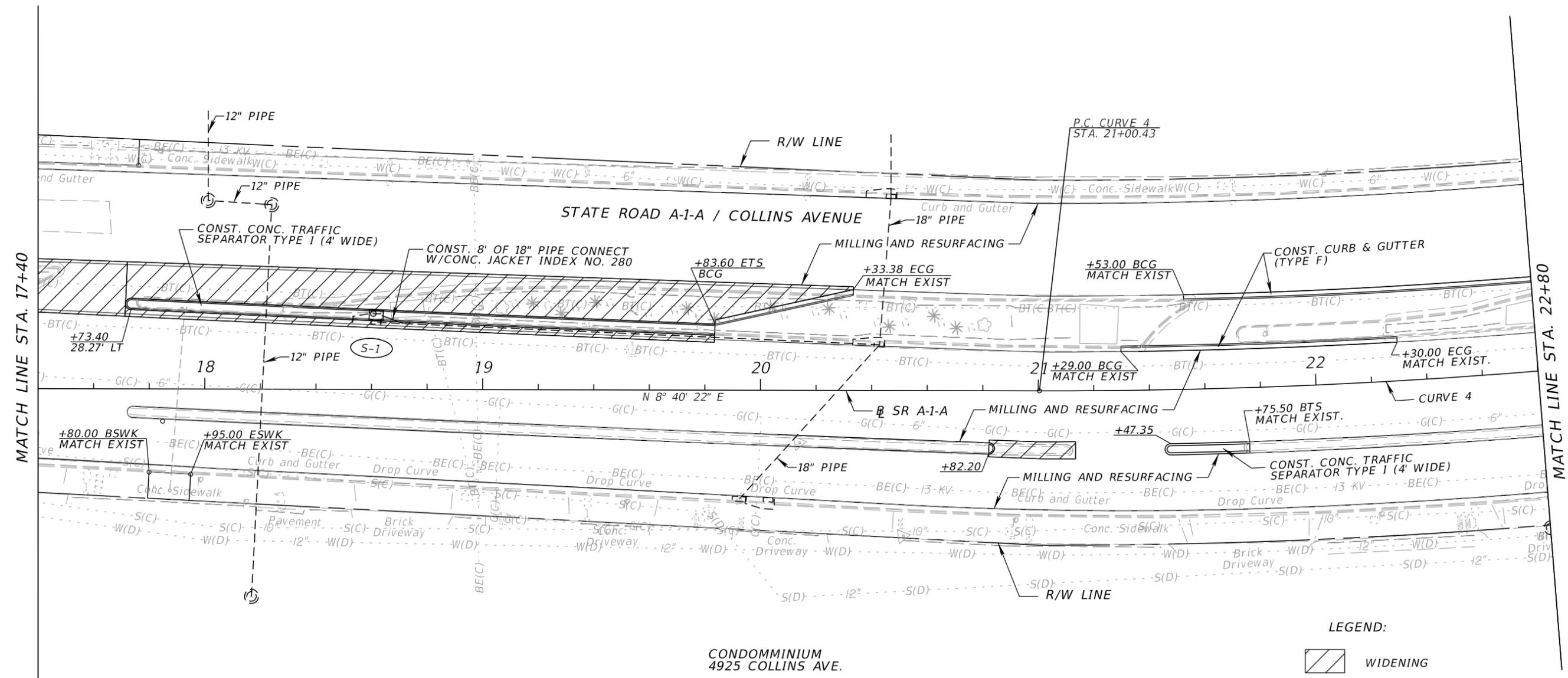
- WIDENING
- BCG BEGIN CURB AND GUTTER
- ECG END CURB AND GUTTER
- BSWK BEGIN SIDEWALK
- ESWK END SIDEWALK
- ETS END TRAFFIC SEPARATOR

| REVISIONS | | | | C H Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 <small>9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078</small> Alejandro G. Meitin Florida P.E. No. 44744 <small>www.p-a.cc agm@p-a.cc</small> | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | ROADWAY PLAN | SHEET NO. |
|-----------|-------------|------|-------------|---|--|------------|----------------------|---------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | 11 |
| | | | | | A1A | MIAMI-DADE | 434773-1-52-01 | | |

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



CURVE 4
 PI STA. = 24+95.30
 Δ = 20° 32' 32" (LT)
 D = 2° 37' 46"
 T = 394.87
 L = 781.27
 R = 2,179.10
 PC STA. = 21+00.43
 PT STA. = 28+81.70



MATCH LINE STA. 17+40

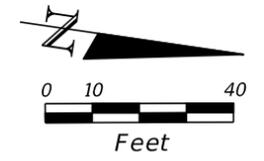
MATCH LINE STA. 22+80

LEGEND:

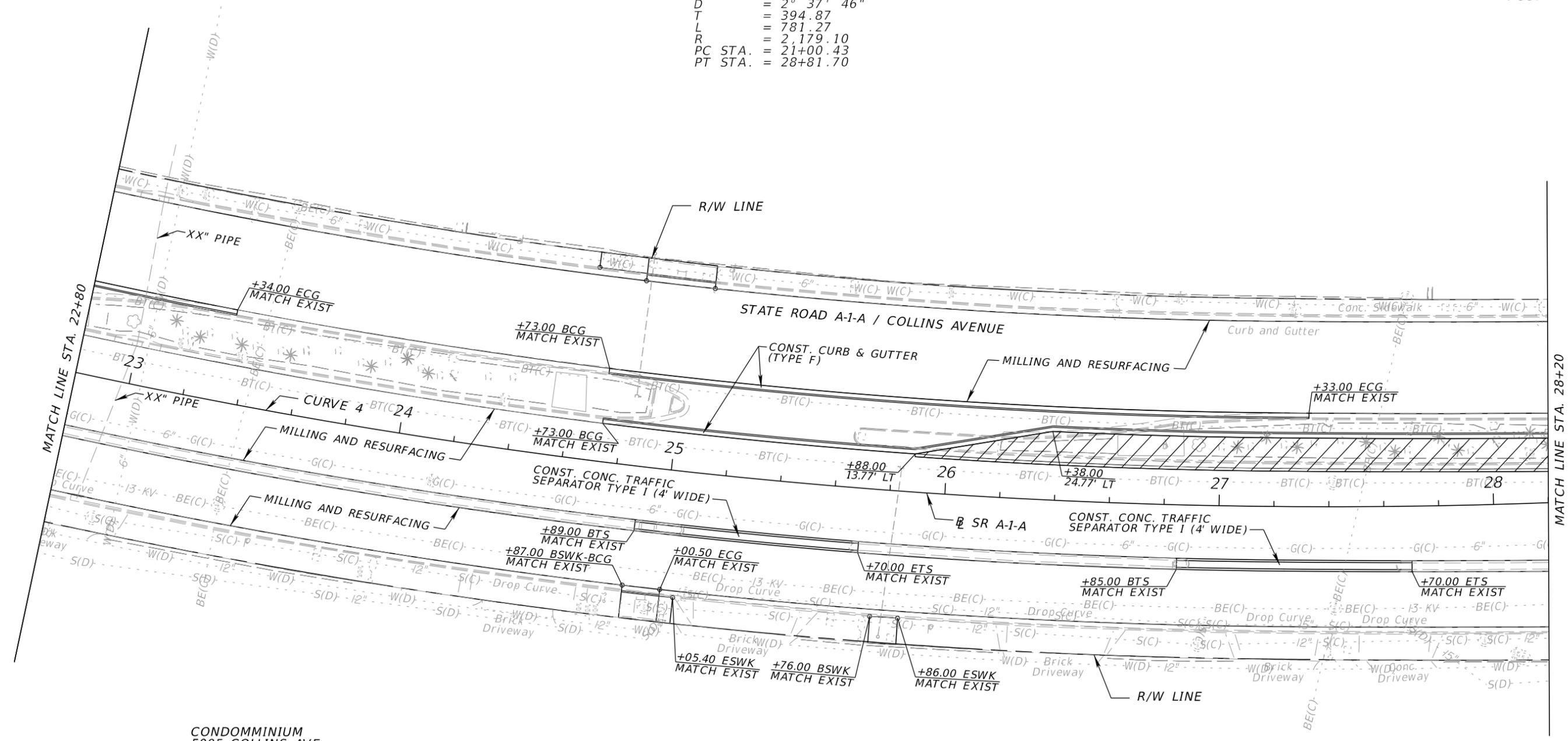
- WIDENING
- BCG BEGIN CURB AND GUTTER
- ECG END CURB AND GUTTER
- BSWK BEGIN SIDEWALK
- ESWK END SIDEWALK
- ETS END TRAFFIC SEPARATOR

| REVISIONS | | | | C H Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 <small>9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078</small> Alejandro G. Meitin Florida P.E. No. 44744 <small>www.p-a.cc agm@p-a.cc</small> | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | <h2 style="margin: 0;">ROADWAY PLAN</h2> | SHEET NO. |
|-----------|-------------|------|-------------|--|--|------------|----------------------|--|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | 12 |
| | | | | | A1A | MIAMI-DADE | 434773-1-52-01 | | |

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



CURVE 4
 PI STA. = 24+95.30
 Δ = 20° 32' 32" (LT)
 D = 2° 37' 46"
 T = 394.87
 L = 781.27
 R = 2,179.10
 PC STA. = 21+00.43
 PT STA. = 28+81.70



CONDOMINIUM
5005 COLLINS AVE.

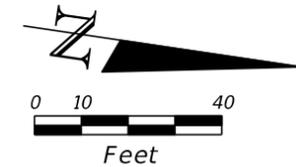
CONDOMINIUM
5005 COLLINS AVE.

LEGEND:

- WIDENING
- BCG BEGIN CURB AND GUTTER
- ECG END CURB AND GUTTER
- BSWK BEGIN SIDEWALK
- ESWK END SIDEWALK
- ETS END TRAFFIC SEPARATOR

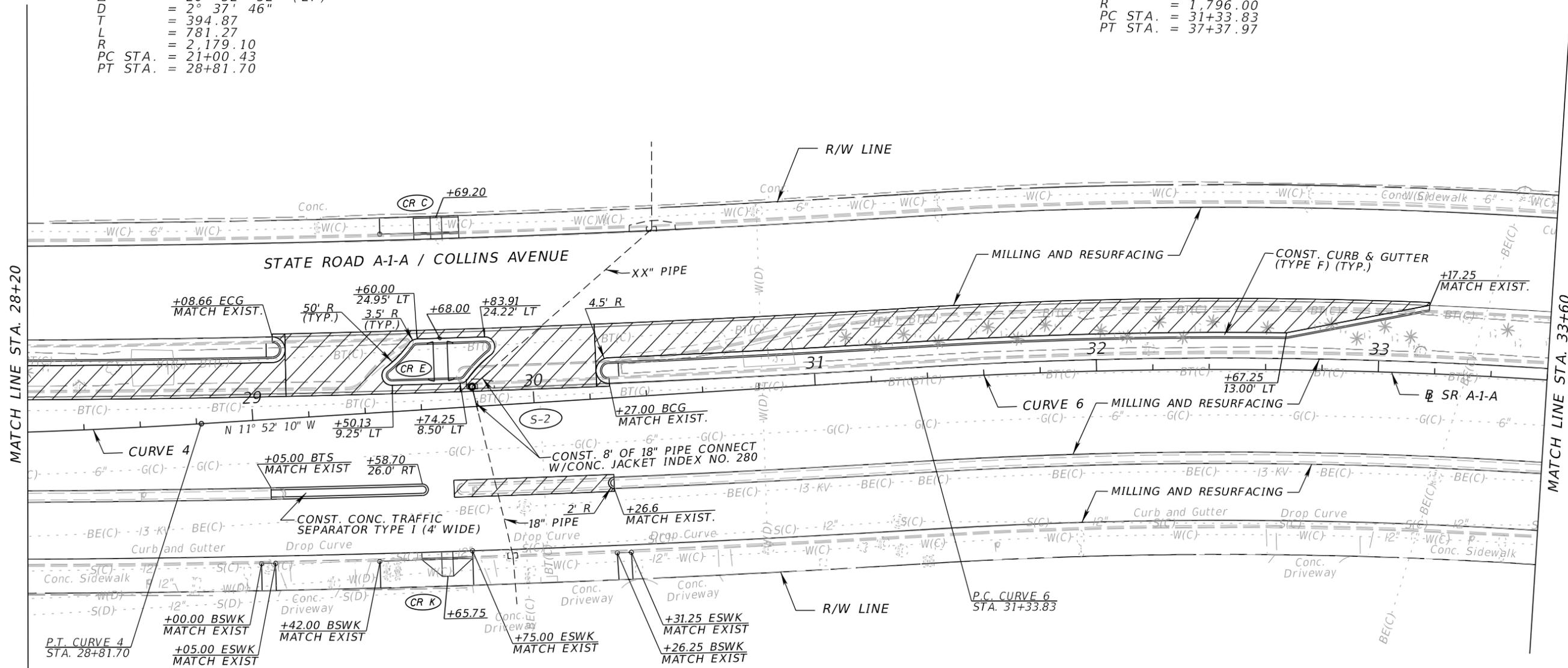
| REVISIONS | | | | C H Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 <small>9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078</small> Alejandro G. Meitin Florida P.E. No. 44744 <small>www.p-a.cc agm@p-a.cc</small> | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | ROADWAY PLAN | SHEET NO. |
|-----------|-------------|------|-------------|---|--|------------|----------------------|---------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | 13 |
| | | | | | A1A | MIAMI-DADE | 434773-1-52-01 | | |

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CURVE 4
 PI STA. = 24+95.30
 Δ = 20° 32' 32" (LT)
 D = 2° 37' 46"
 T = 394.87
 L = 781.27
 R = 2,179.10
 PC STA. = 21+00.43
 PT STA. = 28+81.70

CURVE 6
 PI STA. = 34+38.78
 Δ = 19° 16' 24" (RT)
 D = 3° 11' 25"
 T = 304.95
 L = 604.14
 R = 1,796.00
 PC STA. = 31+33.83
 PT STA. = 37+37.97



SEACOST SUITES
 5101 COLLINS AVE.

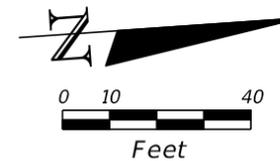
MIMOSA CONDOMMINIUM
 5151 COLLINS AVE.

LEGEND:

- WIDENING
- BCG BEGIN CURB AND GUTTER
- ECG END CURB AND GUTTER
- BSWK BEGIN SIDEWALK
- ESWK END SIDEWALK
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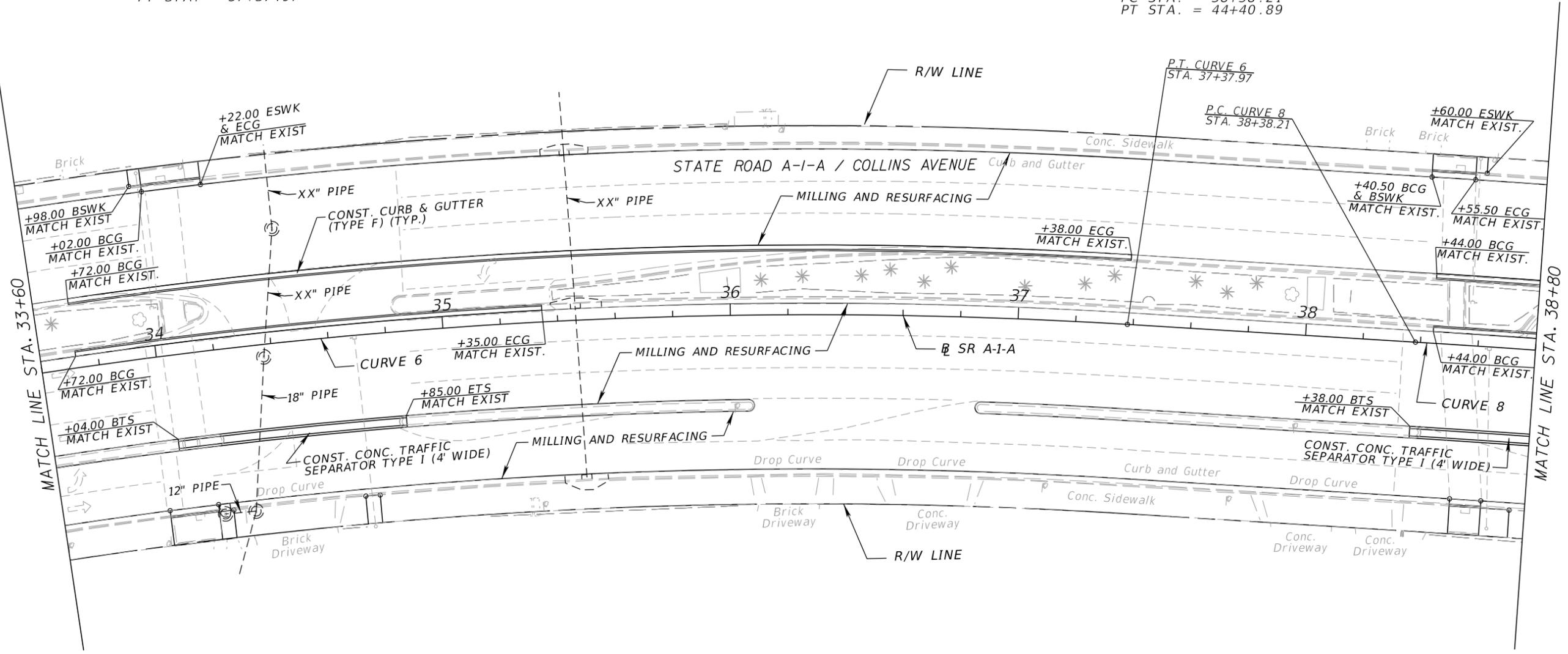
| REVISIONS | | | | C H Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 <small>9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078</small> Alejandro G. Meitin Florida P.E. No. 44744 <small>www.p-a.cc agm@p-a.cc</small> | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | <h2 style="margin: 0;">ROADWAY PLAN</h2> | SHEET NO. <div style="font-size: 24pt; font-weight: bold; margin-top: 5px;">14</div> |
|-----------|-------------|------|-------------|--|--|------------|----------------------|--|--|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | AIA | MIAMI-DADE | 434773-1-52-01 | | |

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CURVE 6
 PI STA. = 34+38.78
 Δ = 19° 16' 24" (RT)
 D = 3° 11' 25"
 T = 304.95
 L = 604.14
 R = 1,796.00
 PC STA. = 31+33.83
 PT STA. = 37+37.97

CURVE 8
 PI STA. = 41+40.00
 Δ = 7° 39' 42" (RT)
 D = 1° 16' 17"
 T = 301.79
 L = 602.68
 R = 4,507.00
 PC STA. = 38+38.21
 PT STA. = 44+40.89



ALEXANDER ALL SUITE
 OCEAN FRONT
 5225 COLLINS AVE.

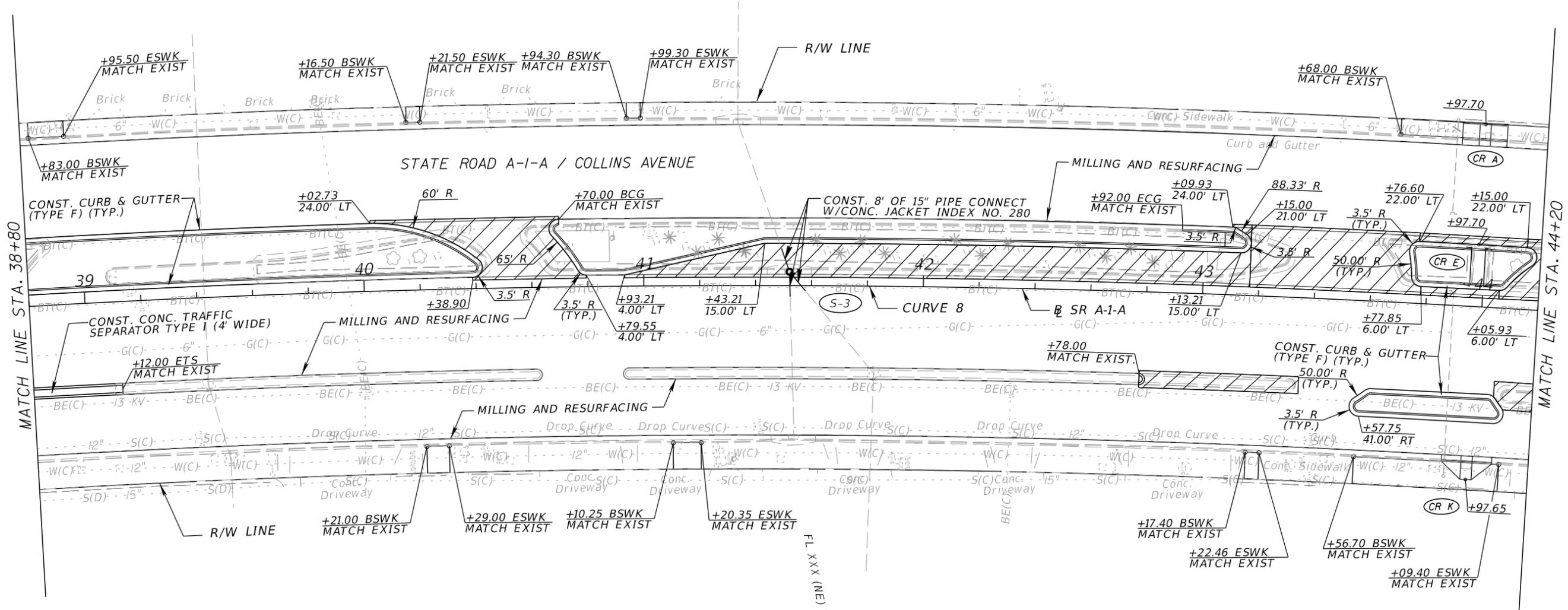
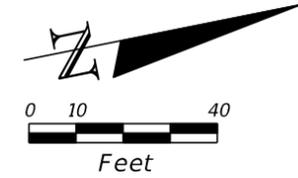
LEGEND:

- WIDENING
- BCG BEGIN CURB AND GUTTER
- ECG END CURB AND GUTTER
- BSWK BEGIN SIDEWALK
- ESWK END SIDEWALK
- ETS END TRAFFIC SEPARATOR

| REVISIONS | | | | C H Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 <small>9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078</small> Alejandro G. Meitin Florida P.E. No. 44744 <small>www.p-a.cc agm@p-a.cc</small> | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | ROADWAY PLAN | SHEET NO. |
|-----------|-------------|------|-------------|---|--|------------|----------------------|--------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | 15 |
| | | | | | A1A | MIAMI-DADE | 434773-1-52-01 | | |

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CURVE 8
 PI STA. = 41+40.00
 Δ = 7° 39' 42" (RT)
 D = 1° 16' 17"
 T = 301.79
 L = 602.68
 R = 4,507.00
 PC STA. = 38+38.21
 PT STA. = 44+40.89



MIMOSA CONDOMINIUM
 5333 COLLINS AVE.

LEGEND:

- WIDENING
- BCG BEGIN CURB AND GUTTER
- ECG END CURB AND GUTTER
- BSWK BEGIN SIDEWALK
- ESWK END SIDEWALK
- ETS END TRAFFIC SEPARATOR

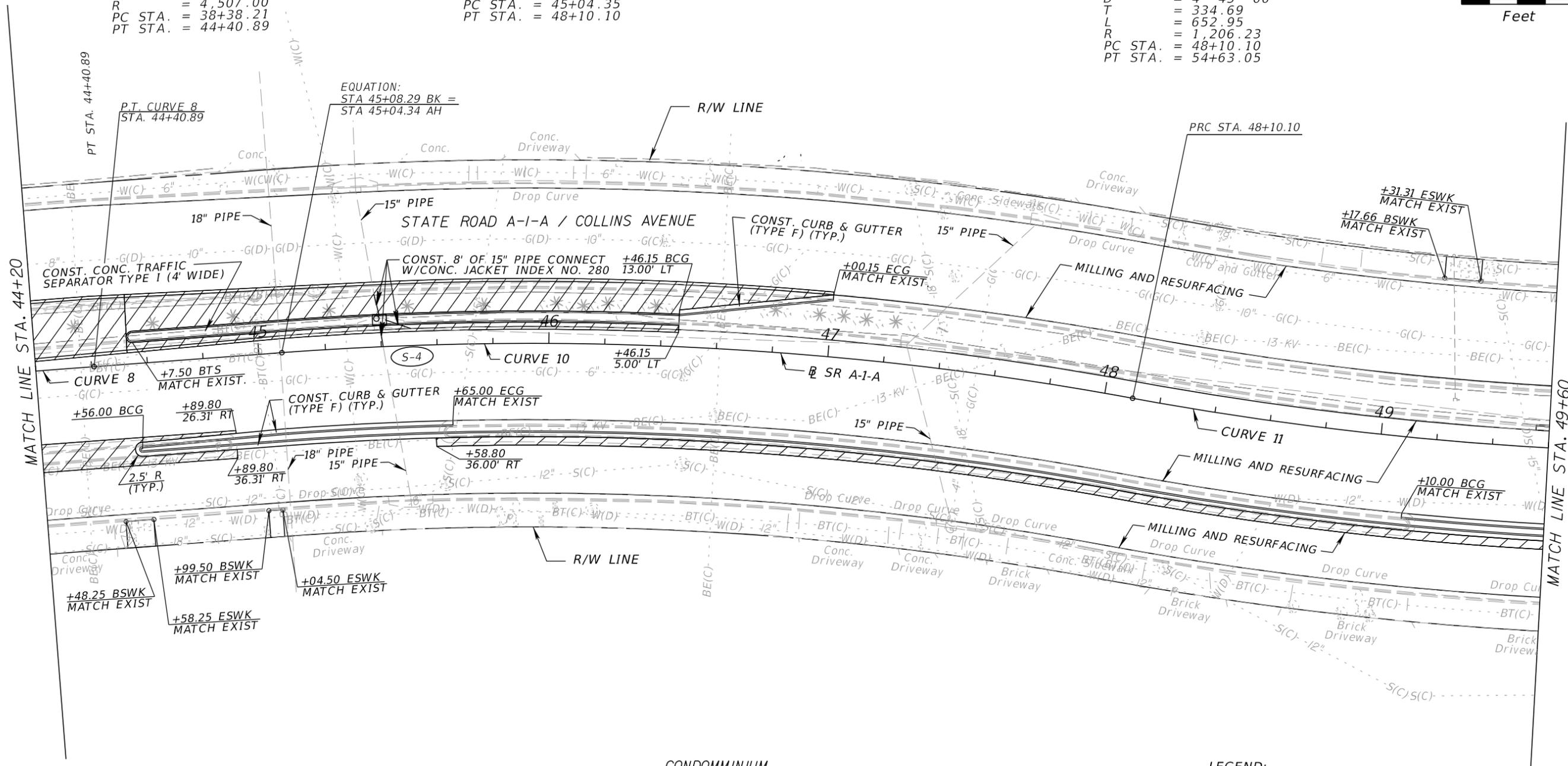
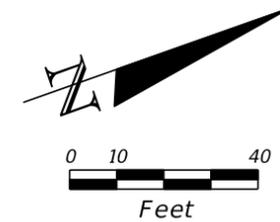
| REVISIONS | | | | C H Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 <small>9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078</small> Alejandro G. Meitin Florida P.E. No. 44744 <small>www.p-a.cc agm@p-a.cc</small> | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | <h2 style="margin: 0;">ROADWAY PLAN</h2> | SHEET NO. |
|-----------|-------------|------|-------------|--|--|------------|----------------------|--|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | 16 |
| | | | | | A1A | MIAMI-DADE | 434773-1-52-01 | | |

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CURVE 8
 PI STA. = 41+40.00
 Δ = 7° 39' 42" (RT)
 D = 1° 16' 17"
 T = 301.79
 L = 602.68
 R = 4,507.00
 PC STA. = 38+38.21
 PT STA. = 44+40.89

CURVE 10
 PI STA. = 46+58.05
 Δ = 14° 31' 23" (RT)
 D = 4° 45' 00"
 T = 153.70
 L = 305.75
 R = 1,206.23
 PC STA. = 45+04.35
 PT STA. = 48+10.10

CURVE 11
 PI STA. = 51+44.79
 Δ = 31° 00' 54" (LT)
 D = 4° 45' 00"
 T = 334.69
 L = 652.95
 R = 1,206.23
 PC STA. = 48+10.10
 PT STA. = 54+63.05



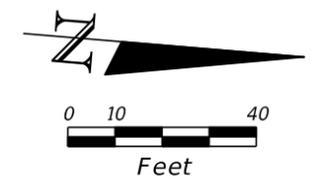
CONDOMINIUM
 5415 COLLINS AVE.

LEGEND:

- WIDENING
- BCG BEGIN CURB AND GUTTER
- ECG END CURB AND GUTTER
- BSWK BEGIN SIDEWALK
- ESWK END SIDEWALK
- ETS END TRAFFIC SEPARATOR

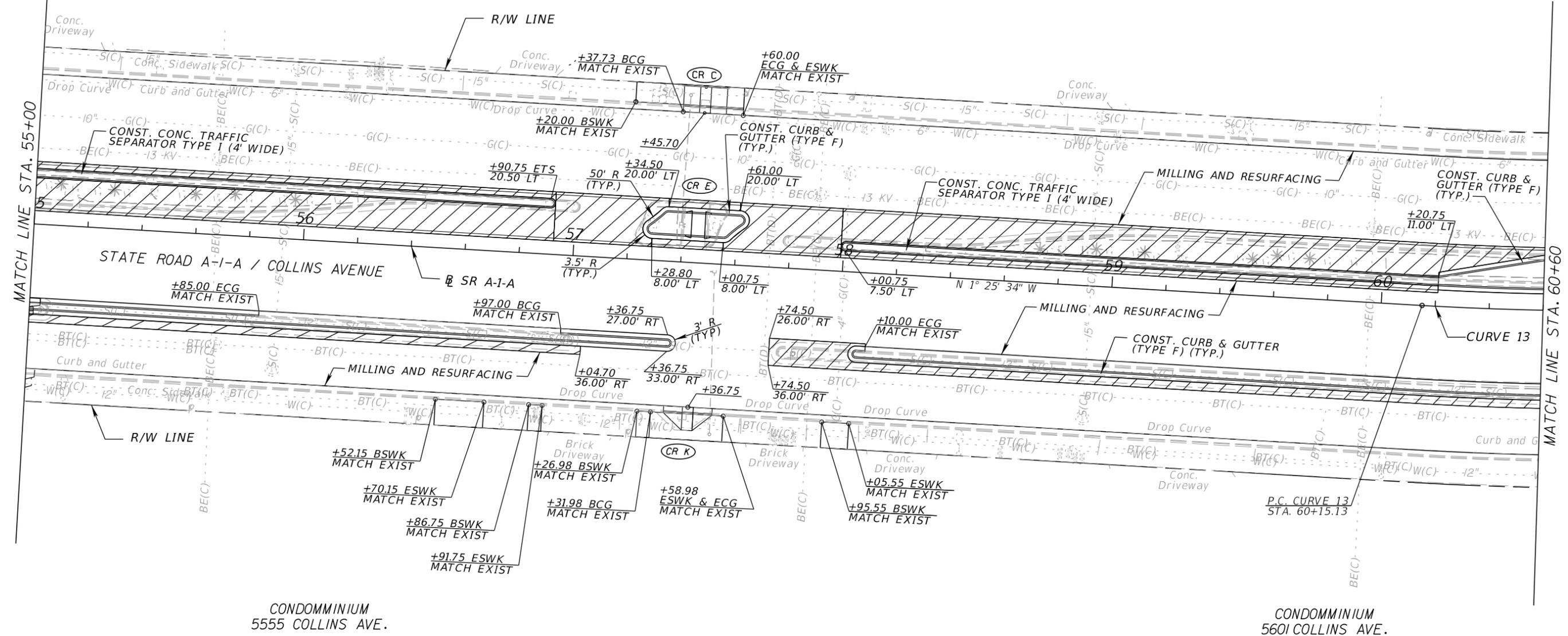
| REVISIONS | | | | C H Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 <small>9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078</small> Alejandro G. Meitin Florida P.E. No. 44744 <small>www.p-a.cc agm@p-a.cc</small> | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | <h2 style="margin: 0;">ROADWAY PLAN</h2> | SHEET NO. |
|-----------|-------------|------|-------------|---|--|------------|----------------------|--|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | 17 |
| | | | | | A1A | MIAMI-DADE | 434773-1-52-01 | | |

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



CURVE 13
 PI STA. = 61+39.98
 Δ = 11° 49' 06" (LT)
 D = 4° 45' 00"
 T = 124.85
 L = 248.81
 R = 1,206.23
 PC STA. = 60+15.13
 PT STA. = 62+63.94

CONDOMINIUM
 5600 COLLINS AVE.



CONDOMINIUM
 5555 COLLINS AVE.

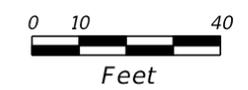
CONDOMINIUM
 5601 COLLINS AVE.

LEGEND:

- WIDENING
- BCG BEGIN CURB AND GUTTER
- ECG END CURB AND GUTTER
- BSWK BEGIN SIDEWALK
- ESWK END SIDEWALK
- ETS END TRAFFIC SEPARATOR

| REVISIONS | | | | C H Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 <small>9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078</small> Alejandro G. Meitin Florida P.E. No. 44744 <small>www.p-a.cc agm@p-a.cc</small> | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | <h2 style="margin: 0;">ROADWAY PLAN</h2> | SHEET NO. |
|-----------|-------------|------|-------------|---|--|------------|----------------------|--|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | 19 |
| | | | | | A1A | MIAMI-DADE | 4347731-52-01 | | |

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



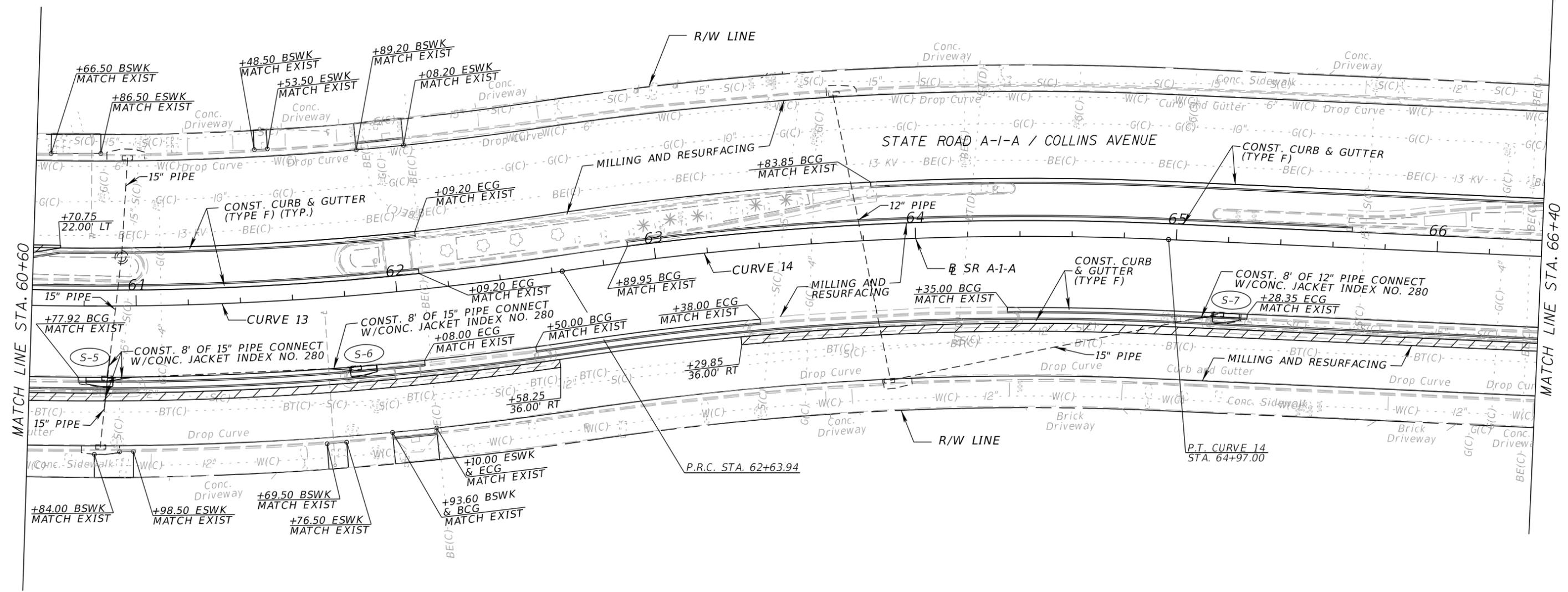
CONDOMINIUM
5600 COLLINS AVE.

CURVE 13
 PI STA. = 61+39.98
 Δ = 11° 49' 06" (LT)
 D = 4° 45' 00"
 T = 124.85
 L = 248.81
 R = 1,206.23
 PC STA. = 60+15.13
 PT STA. = 62+63.94

CURVE 14
 PI STA. = 63+80.83
 Δ = 11° 04' 13" (RT)
 D = 4° 45' 00"
 T = 116.89
 L = 233.06
 R = 1,206.23
 PC STA. = 62+63.94
 PT STA. = 64+97.00

CONDOMINIUM
5660 COLLINS AVE.

CONDOMINIUM
5700 COLLINS AVE.



LEGEND:

- WIDENING
- BCG BEGIN CURB AND GUTTER
- ECG END CURB AND GUTTER
- BSWK BEGIN SIDEWALK
- ESWK END SIDEWALK
- ETS END TRAFFIC SEPARATOR

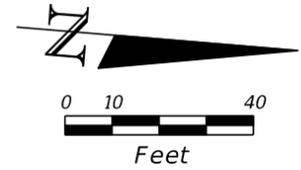
CONDOMINIUM
5701 COLLINS AVE.

| REVISIONS | | | | C H Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 <small>9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078</small> Alejandro G. Meitin Florida P.E. No. 44744 <small>www.p-a.cc agm@p-a.cc</small> | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | <h2 style="margin: 0;">ROADWAY PLAN</h2> | SHEET NO. |
|-----------|-------------|------|-------------|---|--|------------|----------------------|--|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | 20 |
| | | | | | A1A | MIAMI-DADE | 434773-1-52-01 | | |

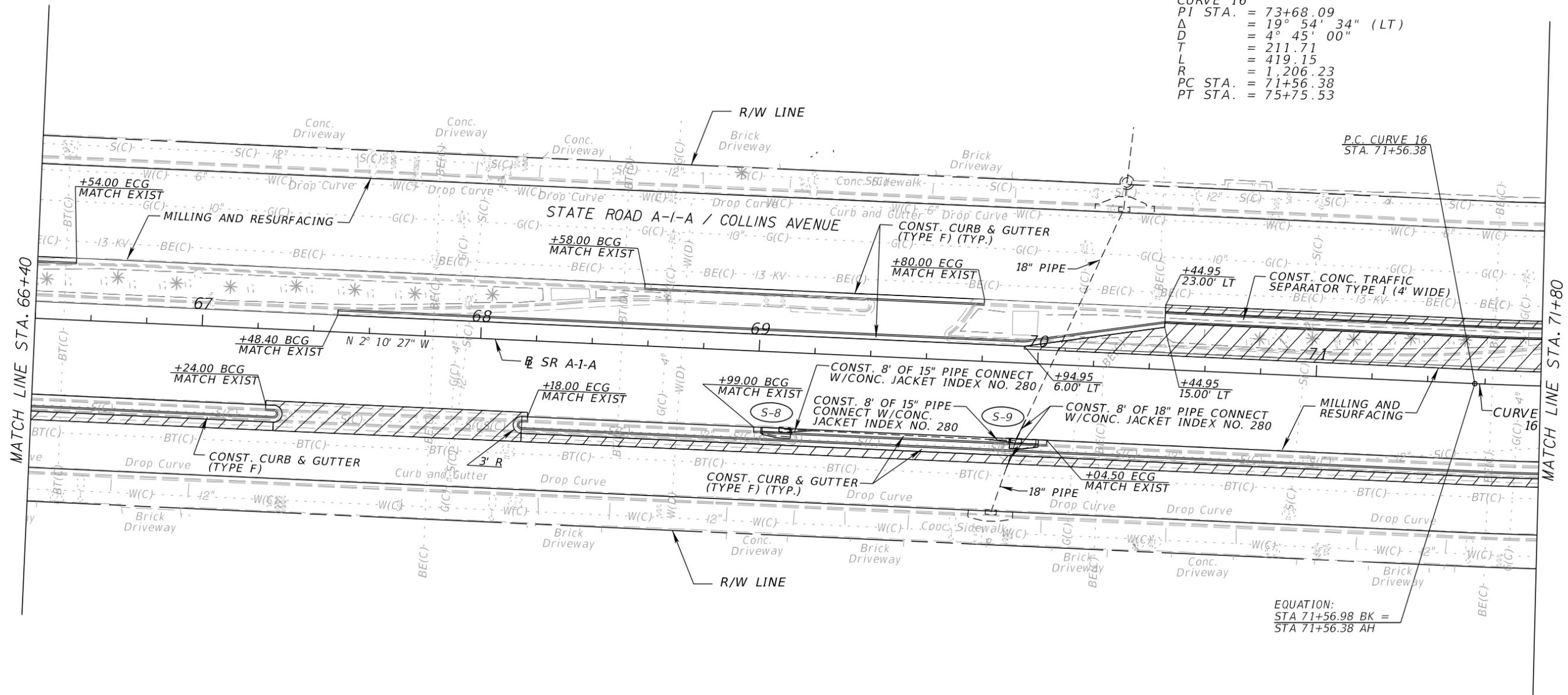
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

5750 COLLINS AVE.

5800 COLLINS AVE.



CURVE 16
 PI STA. = 73+68.09
 Δ = 19° 54' 34" (LT)
 D = 4° 45' 00"
 T = 211.71
 L = 419.15
 R = 1,206.23
 PC STA. = 71+56.38
 PT STA. = 75+75.53



5757 COLLINS AVE.

5775 COLLINS AVE.

LEGEND:

-  WIDENING
- BCG BEGIN CURB AND GUTTER
- ECG END CURB AND GUTTER
- BSWK BEGIN SIDEWALK
- ESWK END SIDEWALK
- ETS END TRAFFIC SEPARATOR

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

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 Alejandro G. Meitin
 Florida P.E. No. 44744
 agm@p-a.cc

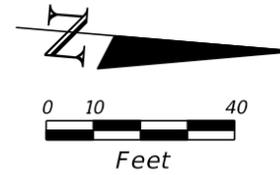
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| A1A | MIAMI-DADE | 434773-1-52-01 |

ROADWAY PLAN

SHEET NO.

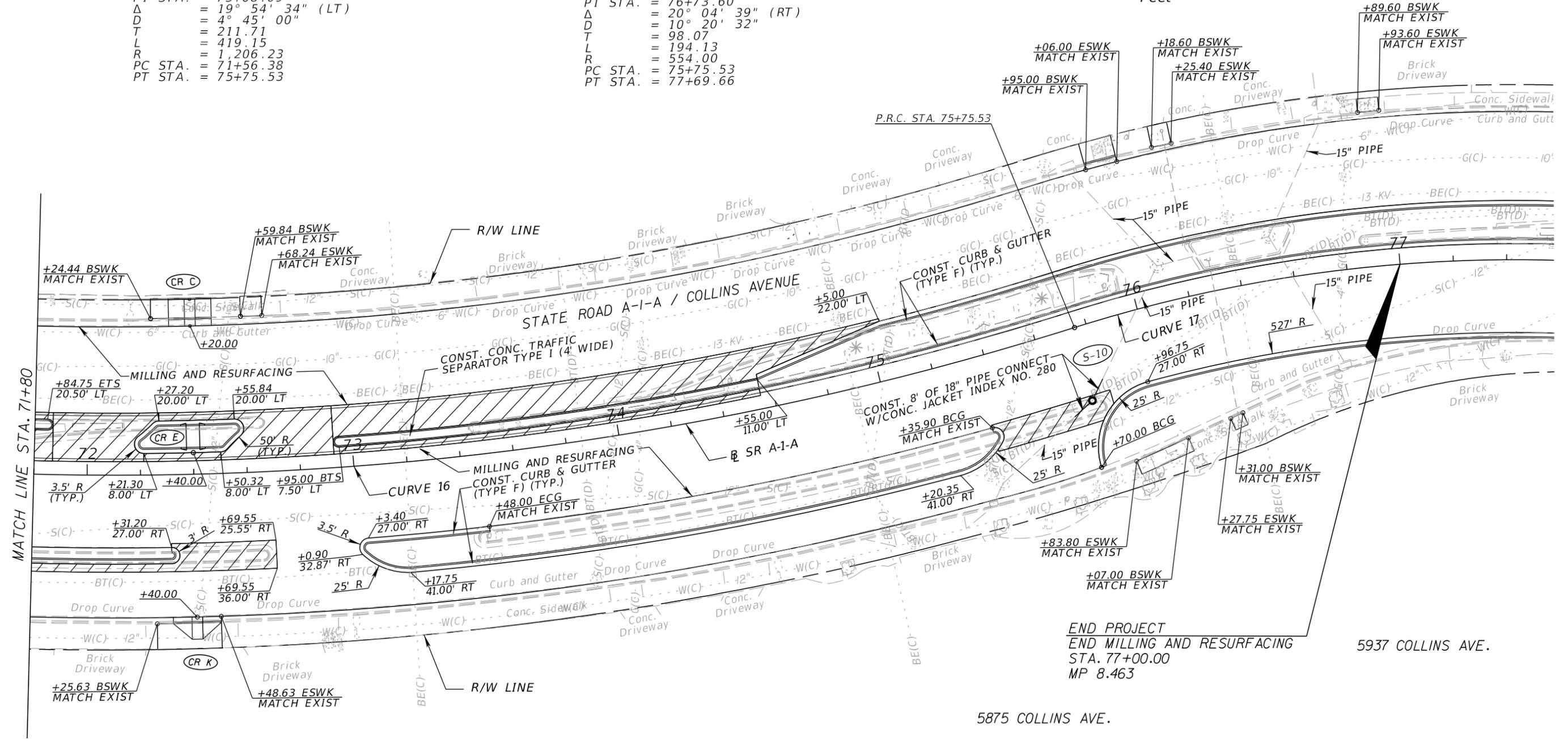
21

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CURVE 16
 PI STA. = 73+68.09
 Δ = 19° 54' 34" (LT)
 D = 4° 45' 00"
 T = 211.71
 L = 419.15
 R = 1,206.23
 PC STA. = 71+56.38
 PT STA. = 75+75.53

CURVE 17
 PI STA. = 76+73.60
 Δ = 20° 04' 39" (RT)
 D = 10° 20' 32"
 T = 98.07
 L = 194.13
 R = 554.00
 PC STA. = 75+75.53
 PT STA. = 77+69.66



END PROJECT
 END MILLING AND RESURFACING
 STA. 77+00.00
 MP 8.463

5825 COLLINS AVE.

5857 COLLINS AVE.

5875 COLLINS AVE.

5937 COLLINS AVE.

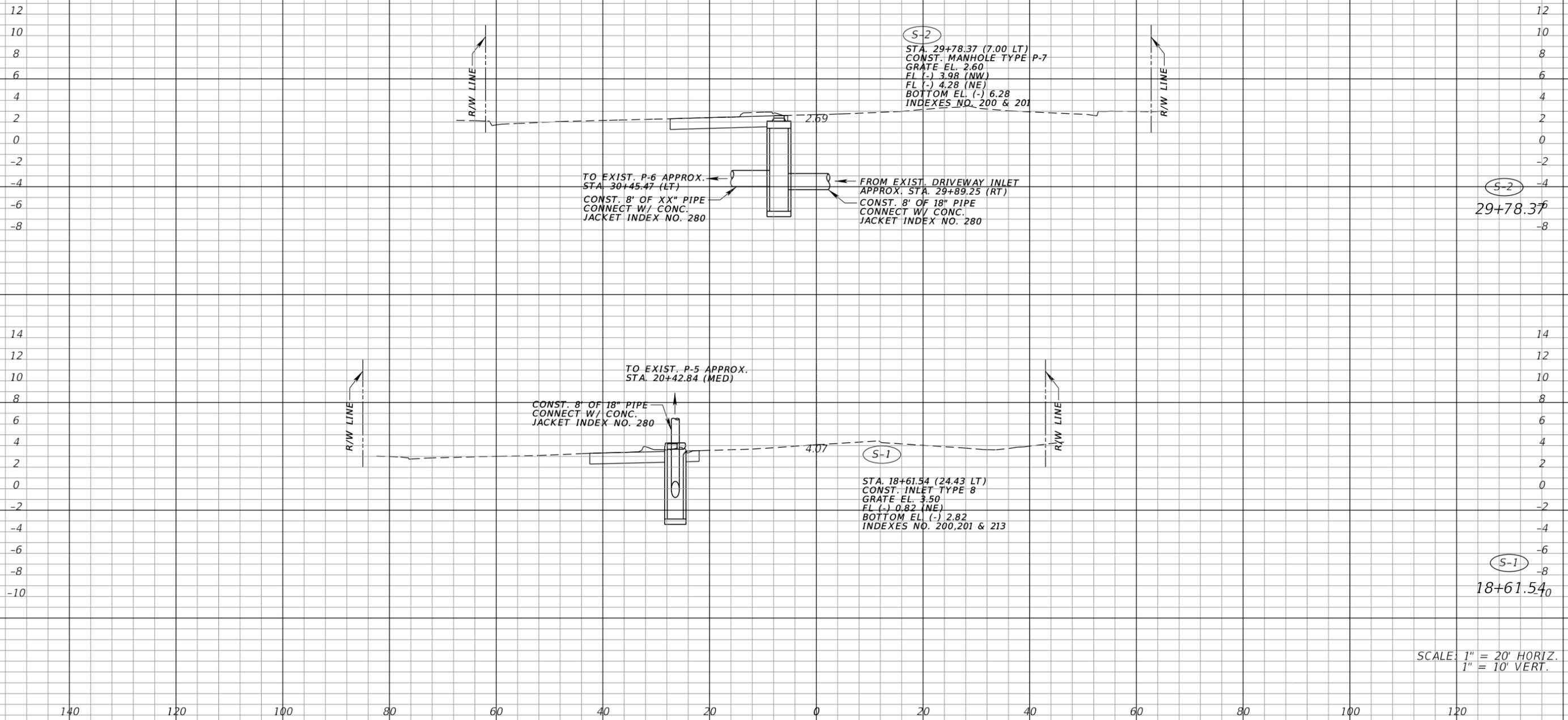
LEGEND:

- WIDENING
- BCG BEGIN CURB AND GUTTER
- ECG END CURB AND GUTTER
- BSWK BEGIN SIDEWALK
- ESWK END SIDEWALK
- ETS END TRAFFIC SEPARATOR

| REVISIONS | | | | C H Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 <small>9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078</small> Alejandro G. Meitin Florida P.E. No. 44744 <small>agm@p-a.cc</small> | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | <h2 style="margin: 0;">ROADWAY PLAN</h2> | SHEET NO. |
|-----------|-------------|------|-------------|--|--|------------|----------------------|--|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | 22 |
| | | | | | A1A | MIAMI-DADE | 434773-1-52-01 | | |

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Ⓢ SURVEY A1A



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

| REVISIONS | |
|-----------|-------------|
| DATE | DESCRIPTION |
| | |
| | |

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Florida P.E. No. 44744
agm@p-a.cc

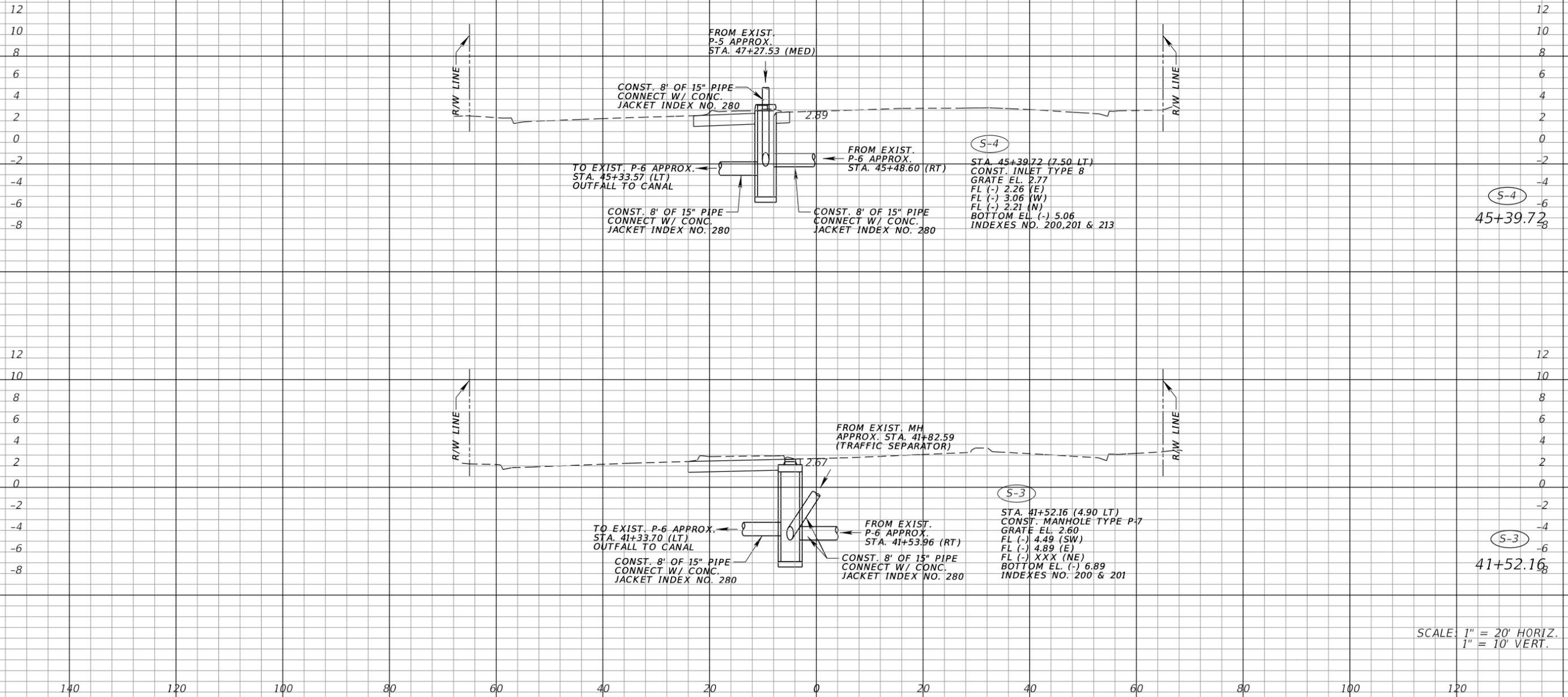
| | | |
|--|------------|----------------------|
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| A1A | MIAMI-DADE | 434773-1-52-01 |

DRAINAGE STRUCTURES

SHEET NO.
23

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

SURVEY A1A



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

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 agm@p-a.cc

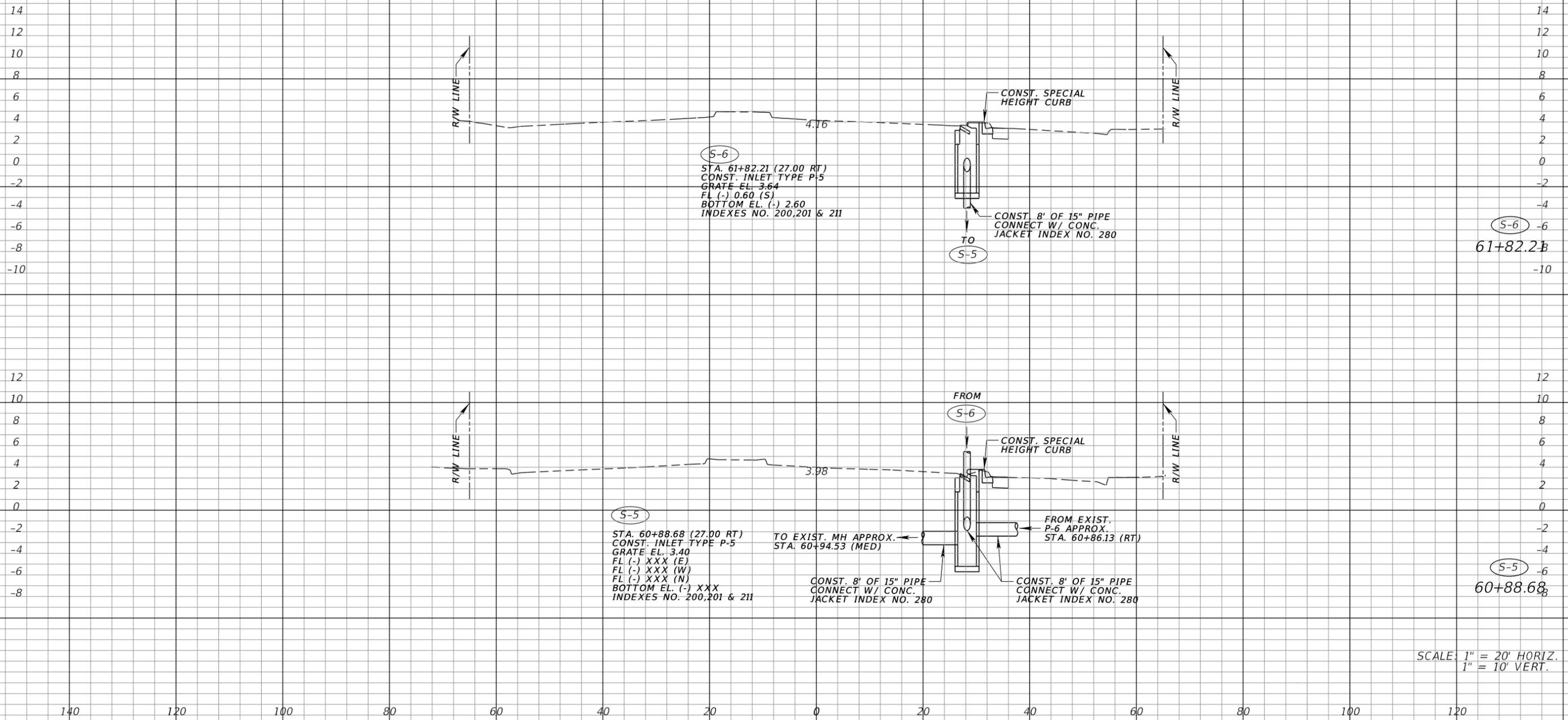
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|---|------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| A1A | MIAMI-DADE | 434773-1-52-01 |

DRAINAGE STRUCTURES

SHEET NO.
24

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

Ⓢ SURVEY A1A



(S-6)
 STA. 61+82.21 (27.00 RT)
 CONST. INLET TYPE P-5
 GRATE EL. 3.64
 FL (-) 0.60 (S)
 BOTTOM EL. (-) 2.60
 INDEXES NO. 200,201 & 211

(S-6)
 61+82.21

(S-5)
 STA. 60+88.68 (27.00 RT)
 CONST. INLET TYPE P-5
 GRATE EL. 3.40
 FL (-) XXX (E)
 FL (-) XXX (W)
 FL (-) XXX (N)
 BOTTOM EL. (-) XXX
 INDEXES NO. 200,201 & 211

(S-5)
 60+88.68

TO EXIST. MH APPROX.
 STA. 60+94.53 (MED)

FROM EXIST.
 P-6 APPROX.
 STA. 60+86.13 (RT)

SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

| REVISIONS | |
|-----------|-------------|
| DATE | DESCRIPTION |
| | |

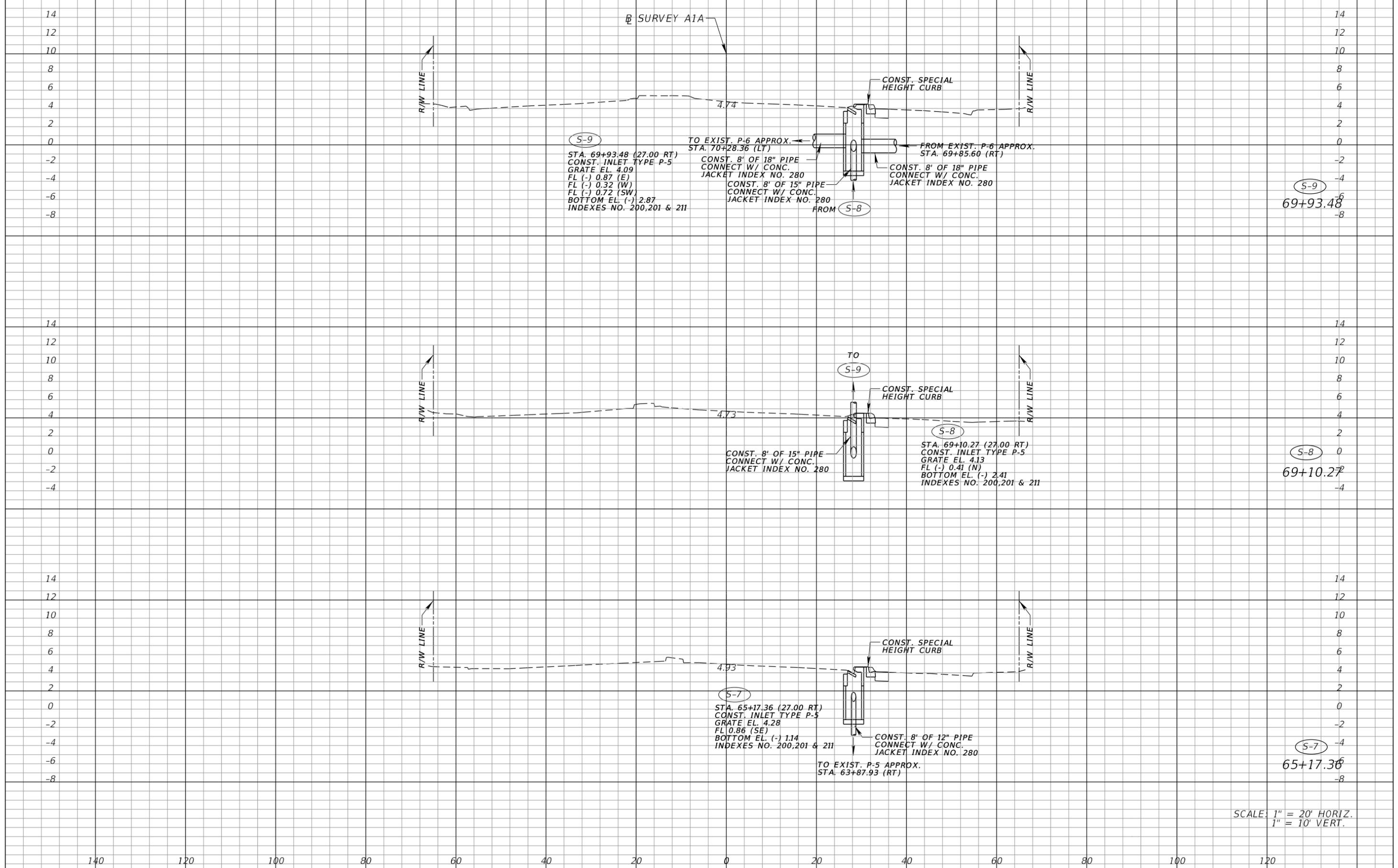
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 www.p-a.cc agm@p-a.cc

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| A1A | MIAMI-DADE | 434773-1-52-01 |

DRAINAGE STRUCTURES

SHEET NO.
 25

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

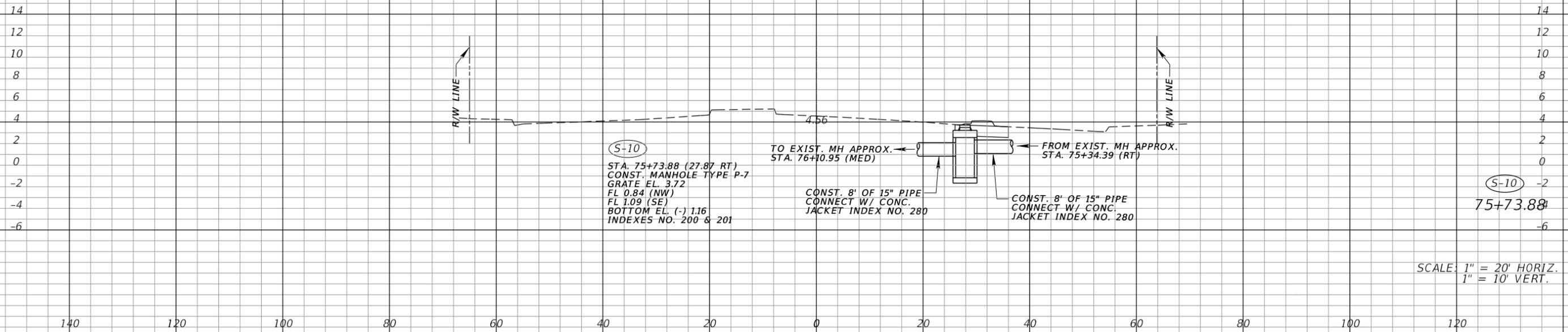


SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

| REVISIONS | | C H Perez and Associates Consulting Engineers, Inc. | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | SHEET NO. |
|--|-------------|--|-------------|--|------------|----------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | ROAD NO. | COUNTY | |
| | | | | A1A | MIAMI-DADE | 26 |
| Certificate of Authorization No. 25976 9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078 Alejandro G. Meitin Florida P.E. No. 44744 www.p-a.cc agm@p-a.cc | | | | FINANCIAL PROJECT ID 434773-1-52-01 | | DRAINAGE STRUCTURES |
| | | | | | | |

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Ⓢ SURVEY A1A



(S-10)
 STA. 75+73.88 (27.87 RT)
 CONST. MANHOLE TYPE P-7
 GRATE EL. 3.72
 FL 0.84 (NW)
 FL 1.09 (SE)
 BOTTOM EL. (-) 1.16
 INDEXES NO. 200 & 201

TO EXIST. MH APPROX.
 STA. 76+10.95 (MED)

CONST. 8" OF 15" PIPE
 CONNECT W/ CONC.
 JACKET INDEX NO. 280

FROM EXIST. MH APPROX.
 STA. 75+34.39 (RT)

CONST. 8" OF 15" PIPE
 CONNECT W/ CONC.
 JACKET INDEX NO. 280

(S-10)
 75+73.88

SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

| REVISIONS | |
|-----------|-------------|
| DATE | DESCRIPTION |
| | |

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 www.p-a.cc agm@p-a.cc

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| A1A | MIAMI-DADE | 434773-1-52-01 |

DRAINAGE STRUCTURES

SHEET NO.
27

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

GENERAL:

1. NOTIFICATION OF LANE CLOSURES OR TEMPORARY DETOURS SHALL BE ACCOMPLISHED 14 WORKING DAYS PRIOR TO CLOSURE, DETOUR OR MOT PHASE CHANGE BY SUBMITTING THE REQUIRED ELECTRONIC LANE CLOSURE FORM (WWW.FDOTLCIS.COM), SKETCHES, CALCULATIONS, AND OTHER DATA THROUGH THE ENGINEER TO THE DISTRICT TRAFFIC OPERATIONS OFFICE.
2. LANE CLOSURE SHALL OCCUR ONLY DURING NON-PEAK HOURS ON NON-EVENT DAYS/NIGHTS/WEEKENDS. NON-PEAK HOURS ARE:

9:00 AM TO 3:30 PM WEEKDAYS AND WEEKENDS

DAYTIME LANE CLOSURES ARE NOT ALLOWED DURING TOURIST SEASON FROM CHRISTMAS THRU EASTER. NO EXISTING LANES SHALL BE CLOSED ON SATURDAY, SUNDAY, OR ANY HOLIDAY. NO EXISTING LANES SHALL BE CLOSED ON A FRIDAY PRECEDING A SATURDAY HOLIDAY OR THE MONDAY FOLLOWING A SUNDAY HOLIDAY. NO EXISTING LANE SHALL BE CLOSED DURING KEYS SPECIAL EVENT DATES AS DETERMINED BY THE ENGINEER. THE ENGINEER MAY ADJUST LANE CLOSURE TIMES IF CONDITIONS WARRANT. WHEN UNDUE CONGESTION OCCURS THE CONTRACTOR SHALL REOPEN THE LANES TO TRAFFIC AT NO ADDITIONAL COST.
3. TRAFFIC CONTROL PLANS FOR PHASES 1 THROUGH 5 ARE DESIGNED FOR NON-PEAK HOURS ONLY. THE CONTRACTOR SHALL KEEP ALL EXISTING LANES OPEN DURING PEAK HOURS IN THESE PHASES.
4. REGULATORY SPEED ESTABLISHED WITHIN WORK ZONE TRAVEL WAYS SHALL BE 35 M.P.H. REDUCED SPEED AND REGULATORY SPEED SIGNS SHALL BE INSTALLED ON SEPARATE POSTS IN ACCORDANCE WITH THE STANDARD INDEXES.
5. ARROWS ON THE TCP DENOTE THE DIRECTION OF TRAFFIC ONLY AND DO NOT REFLECT PAVEMENT MARKINGS UNLESS SPECIFICALLY NOTED.
6. TWO CONSTRUCTION INFORMATION SIGNS ARE REQUIRED FOR THIS PROJECT.

SIGNALS:

7. CONTRACTOR SHALL NOTIFY MIAMI DADE COUNTY SIGNS AND SIGNALS DIVISION LOCATED AT 7100 N.W. 36TH STREET, MIAMI, FLORIDA 33166 AND PHONE NO. (305)592-3470, 48 HOURS PRIOR TO ANY MODIFICATION OF AN EXISTING TRAFFIC SIGNAL SYSTEM.

VARIABLE MESSAGE

14 DAYS PRIOR CONSTRUCTION

DURING CONSTRUCTION

ROAD
WORK
BEGINS

PANEL 1

LANE / S
CLOSED
AHEAD

PANEL 1

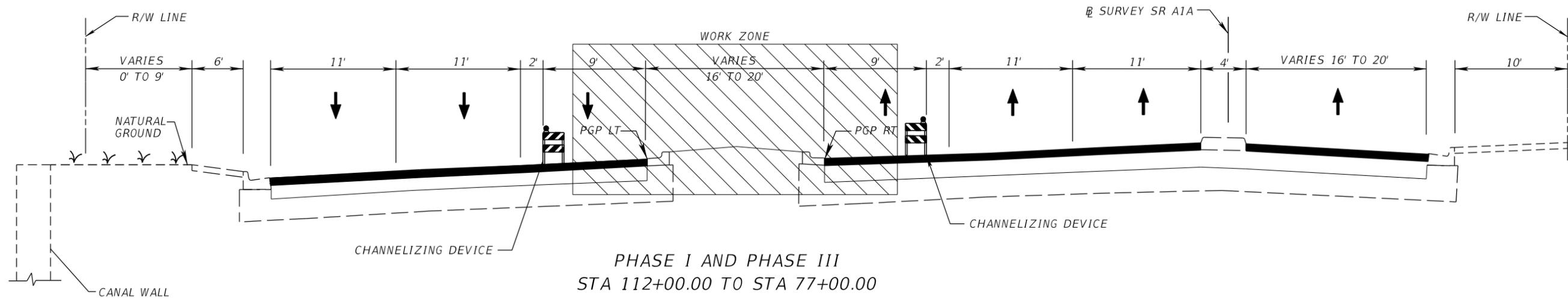
DATE

PANEL 2

DATE
TO
DATE

PANEL 2

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|-----------|-------------|------|-------------|---|--|--------|----------------------|--|----------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | | A1A | MIAMI-DADE | | 434773-1-52-01 |



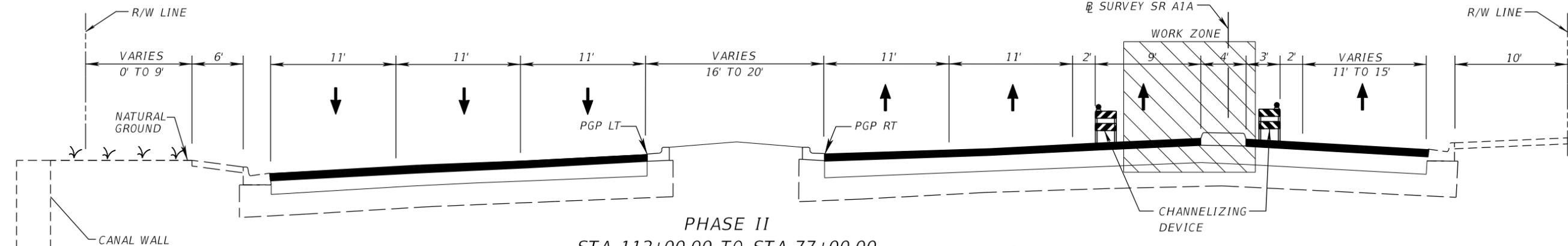
PHASE I AND PHASE III
STA 112+00.00 TO STA 77+00.00

PHASE I

1. PLACE TEMPORARY SIGNS AND OTHER TRAFFIC CONTROL DEVICES TO CLOSE THE NORTHBOUND AND SOUTHBOUND INSIDE LANES OF SR A1A / COLLINS AVENUE AS PER FDOT DESIGN STANDARD INDEX No. 613 AND 616.
2. PERFORM PROPOSED MEDIAN WORK WHILE MAINTAINING EXISTING MEDIAN OPENNINGS FUNCTIONAL. ONCE WORK OF NEW MEDIAN OPENNINGS COMPLETED MAINTAIN CLOSED WITH TEMPORARY TRAFFIC CONTROL DEVICES.
3. MAINTAIN PEDESTRIAN TRAFFIC AT ALL TIMES AS PER INDEX No. 660.

PHASE III

1. PLACE TEMPORARY SIGNS AND OTHER TRAFFIC CONTROL DEVICES TO CLOSE THE NORTHBOUND AND SOUTHBOUND INSIDE LANES OF SR A1A / COLLINS AVENUE AS PER FDOT DESIGN STANDARD INDEX No. 613 AND 616.
2. REMOVE TEMPORARY TRAFFIC CONTROL DEVICES FROM NEW MEDIAN OPENNINGS AND COMPLETE ALL PROPOSED MEDIAN WORK REMAINING. ACCESS TO FRONTAGE ROAD MUST BE MAINTAINED WHILE WORK IS BEING PERFORMED.
3. MAINTAIN PEDESTRIAN TRAFFIC AT ALL TIMES AS PER INDEX No. 660.



PHASE II
STA 112+00.00 TO STA 77+00.00

PHASE II

1. PLACE TEMPORARY SIGNS AND OTHER TRAFFIC CONTROL DEVICES TO CLOSE THE NORTHBOUND OUTSIDE LANE SR A1A / COLLINS AVENUE AND PARTIAL CLOSURE ALONG FRONTAGE ROAD AS PER FDOT DESIGN STANDARD INDEX No. 613 AND 616.
2. PERFORM PROPOSED WORK ALONG THE FRONTAGE ROAD WHILE MAINTAINING EXISTING OPENNINGS FUNCTIONAL. ONCE WORK OF NEW OPENNINGS ALONG FRONTAGE ROAD COMPLETED MAINTAIN CLOSED WITH TEMPORARY TRAFFIC CONTROL DEVICES.
3. PERFORM SIGNALIZATION WORK AT FRONTAGE ROAD.
4. MAINTAIN PEDESTRIAN TRAFFIC AT ALL TIMES AS PER INDEX No. 660.

PHASE IV

1. PLACE TEMPORARY SIGNS AND OTHER TRAFFIC CONTROL DEVICES TO CLOSE THE NORTHBOUND OUTSIDE LANE SR A1A / COLLINS AVENUE AND PARTIAL CLOSURE ALONG FRONTAGE ROAD AS PER FDOT DESIGN STANDARD INDEX No. 613 AND 616.
2. PERFORM ALL REMAINING PROPOSED WORK ALONG THE FRONTAGE ROAD WHILE MAINTAINING ACCESS FROM SR A1A.
3. MAINTAIN PEDESTRIAN TRAFFIC AT ALL TIMES AS PER INDEX No. 660.

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|-----------|-------------|------|-------------|--|--|------------|----------------------|---|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | A1A | MIAMI-DADE | 434773-1-52-01 | | 29 |

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PHASE V

1. PLACE TEMPORARY SIGNS AND OTHER TRAFFIC CONTROL DEVICES AS PER FDOT DESIGN STANDARD INDEX No. 613 AND 614 IN ORDER TO CLOSE ONE (1) LANE AND MAINTAIN THE REST OF THE LANES OPEN TO VEHICULAR TRAFFIC.
2. MILL AND RESURFACE UP TO STRUCTURAL COURSE ONE LANE AT A TIME.
3. PLACE TEMPORARY PAVEMENT MARKINGS AND RPMS.

PHASE VI

1. PLACE TEMPORARY SIGNS AND OTHER TRAFFIC CONTROL DEVICES AS PER FDOT DESIGN STANDARD INDEX No. 613 AND 614 IN ORDER TO CLOSE ONE (1) LANE AND MAINTAIN THE REST OF THE LANES OPEN TO VEHICULAR TRAFFIC.
2. PLACE FRICTION COURSE.
3. INSTALL SIGNING AND THERMOPLASTIC MARKINGS AS INDICATED IN THE SIGNING AND MARKING PLANS.
4. PLACE DETECTOR LOOPS.

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|-----------|-------------|------|-------------|---|--|--------|----------------------|---|------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | | A1A | MIAMI-DADE | | 434773-1-52-01 |

SPECIFIC PURPOSE SURVEY

TRAVERSING THRU SECTIONS 14 & 23, TOWNSHIP 53 SOUTH, RANGE 42 EAST

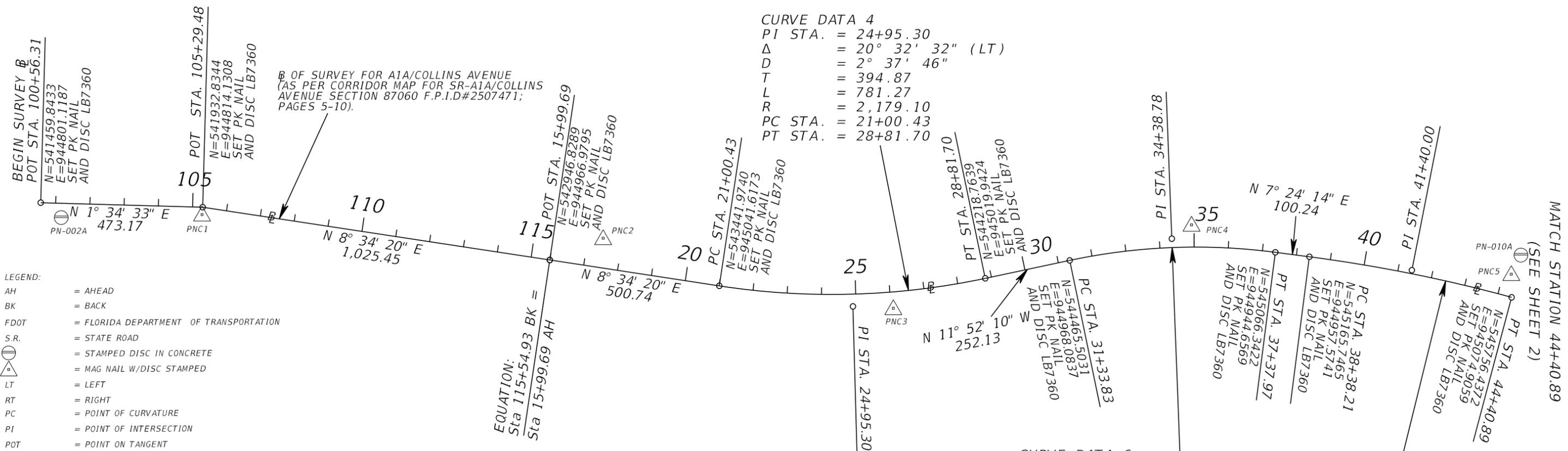
N.A.V.D. 88



CURVE DATA 4
 PI STA. = 24+95.30
 Δ = 20° 32' 32" (LT)
 D = 2° 37' 46"
 T = 394.87
 L = 781.27
 R = 2,179.10
 PC STA. = 21+00.43
 PT STA. = 28+81.70

CURVE DATA 6
 PI STA. = 34+38.78
 Δ = 19° 16' 24" (RT)
 D = 3° 11' 25"
 T = 304.95
 L = 604.14
 R = 1,796.00
 PC STA. = 31+33.83
 PT STA. = 37+37.97

CURVE DATA 8
 PI STA. = 41+40.00
 Δ = 7° 39' 42" (RT)
 D = 1° 16' 17"
 T = 301.79
 L = 602.68
 R = 4,507.00
 PC STA. = 38+38.21
 PT STA. = 44+40.89



- LEGEND:**
- AH = AHEAD
 - BK = BACK
 - FDOT = FLORIDA DEPARTMENT OF TRANSPORTATION
 - S.R. = STATE ROAD
 - ⊙ = STAMPED DISC IN CONCRETE
 - ⊙ = MAG NAIL W/DISC STAMPED
 - LT = LEFT
 - RT = RIGHT
 - PC = POINT OF CURVATURE
 - PI = POINT OF INTERSECTION
 - POT = POINT ON TANGENT
 - PT = POINT OF TANGENCY
 - STA = STATION
 - N.A.V.D. = NORTH AMERICAN VERTICAL DATUM
 - N = NORTHING
 - E = EASTING
 - ⊖ = BASELINE
 - Δ = CENTRAL ANGLE
 - D = DEGREE OF CURVE
 - T = TANGENT
 - L = LENGTH
 - R = RADIUS
 - PRC = POINT OF REVERSE CURVATURE

NO INTERSECTING SIDE STREETS SHOWN AS PER CORRIDOR MAP FOR STATE ROAD A1A/COLLINS AVENUE (SECTION 87060 F.P.I.D. 2507471) SHEETS 5 THROUGH 10

BEARINGS, GEOMETRY AND BASELINE STATIONING INFORMATION OBTAINED FROM CORRIDOR MAP FOR STATE ROAD A1A/COLLINS AVENUE (SECTION 87060 F.P.I.D. 2507471) SHEETS 5 THROUGH 10

BASELINE OF SURVEY WAS STAKED IN THE FIELD.

BEARINGS AND COORDINATES ARE RELATIVE TO THE STATE PLANE COORDINATES, FLORIDA EAST ZONE, NORTH AMERICAN DATUM (NAD) OF 1983 ADJUSTMENT OF 1990 A BEARING OF N 05°05'05" W HAS BEEN ESTABLISHED BETWEEN MONUMENTS PN002A STAMPED "A1A PN-002A" TO PN003A STAMPED "A1A PN-003A"

VERTICAL DATUM N.A.V.D. 88
 PROJECT UNITS U.S. SURVEY FEET
 FIELD BOOK REFERENCES CHP 360
 ELECTRONIC DATABASE PROJCO.ZIP

LIMITS: A1A (COLLINS AVENUE) FROM 47 STREET TO 58 STREET IN MIAMI-DADE COUNTY, FLORIDA.

SURVEYOR'S CERTIFICATION
 I HEREBY CERTIFY THIS SPECIFIC PURPOSE SURVEY WAS MADE FOR THE PURPOSE OF SURVEYING, REFERENCING, DESCRIBING AND MAPPING THE PRIMARY NETWORK CONTROL OR BASELINE FOR THE TRANSPORTATION FACILITY DEPICTED HEREON AND THAT SAID SURVEY WAS DONE UNDER MY RESPONSIBLE CHARGE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 472.027 FLORIDA STATUTES. THIS MAP CONSISTING OF SHEET CTL-1 THROUGH CTL-3 IS A TRUE, ACCURATE AND COMPLETE DEPICTION OF THE RESULTS OF A FIELD SURVEY PERFORMED UNDER MY DIRECTION AND COMPLETED ON JULY 04, 2015.

SURVEYOR FRANCISCO L. NUNEZ, JR., PSM NUMBER 6382

| REVISIONS | | | | C H PEREZ & ASSOCIATES CONSULTING ENGINEERS, INC CERTIFICATE OF AUTHORIZATION NO. EB-25976/LB-7360 9594 NW 41 STREET, SUITE 201 MIAMI, FLORIDA 33178 (305) 592-1070 FAX (305) 592-1078 FRANCISCO L. NUNEZ, JR., P.S.M. P.S.M. LICENSE NO. 6382 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | PROJECT NETWORK CONTROL | SHEET NO. |
|-----------|-------------|------|-------------|--|--|------------|----------------------|-------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | A1A | MIAMI-DADE | 4347731-52-01 | | CTL-1 |

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 5J-17.062, F.A.C.

SPECIFIC PURPOSE SURVEY

TRAVERSING THRU SECTIONS 14 & 23, TOWNSHIP 53 SOUTH, RANGE 42 EAST

N.A.V.D. 88

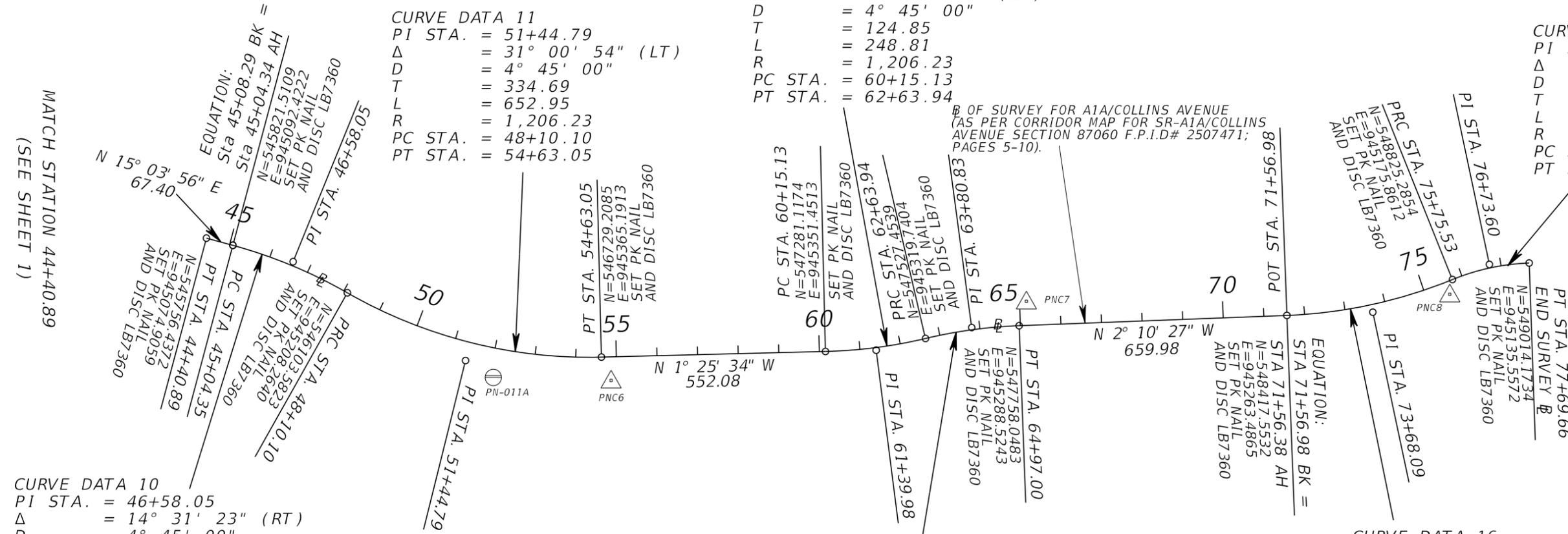


CURVE DATA 13
 PI STA. = 61+39.98
 Δ = 11° 49' 06" (LT)
 D = 4° 45' 00"
 T = 124.85
 L = 248.81
 R = 1,206.23
 PC STA. = 60+15.13
 PT STA. = 62+63.94

CURVE DATA 11
 PI STA. = 51+44.79
 Δ = 31° 00' 54" (LT)
 D = 4° 45' 00"
 T = 334.69
 L = 652.95
 R = 1,206.23
 PC STA. = 48+10.10
 PT STA. = 54+63.05

CURVE DATA 17
 PI STA. = 76+73.60
 Δ = 20° 04' 39" (RT)
 D = 10° 20' 32"
 T = 98.07
 L = 194.13
 R = 554.00
 PC STA. = 75+75.53
 PT STA. = 77+69.66

POINT OF SURVEY FOR A1A/COLLINS AVENUE
 (AS PER CORRIDOR MAP FOR SR-A1A/COLLINS
 AVENUE SECTION 87060 F.P.I.D# 2507471;
 PAGES 5-10).



CURVE DATA 10
 PI STA. = 46+58.05
 Δ = 14° 31' 23" (RT)
 D = 4° 45' 00"
 T = 153.70
 L = 305.75
 R = 1,206.23
 PC STA. = 45+04.35
 PT STA. = 48+10.10

CURVE DATA 14
 PI STA. = 63+80.83
 Δ = 11° 04' 13" (RT)
 D = 4° 45' 00"
 T = 116.89
 L = 233.06
 R = 1,206.23
 PC STA. = 62+63.94
 PT STA. = 64+97.00

CURVE DATA 16
 PI STA. = 73+68.09
 Δ = 19° 54' 34" (LT)
 D = 4° 45' 00"
 T = 211.71
 L = 419.15
 R = 1,206.23
 PC STA. = 71+56.38
 PT STA. = 75+75.53

MATCH STATION 44+40.89
 (SEE SHEET 1)

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|-----------|-------------|------|-------------|--|--|------------|----------------------|------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | A1A | MIAMI-DADE | 434773-1-52-01 | |

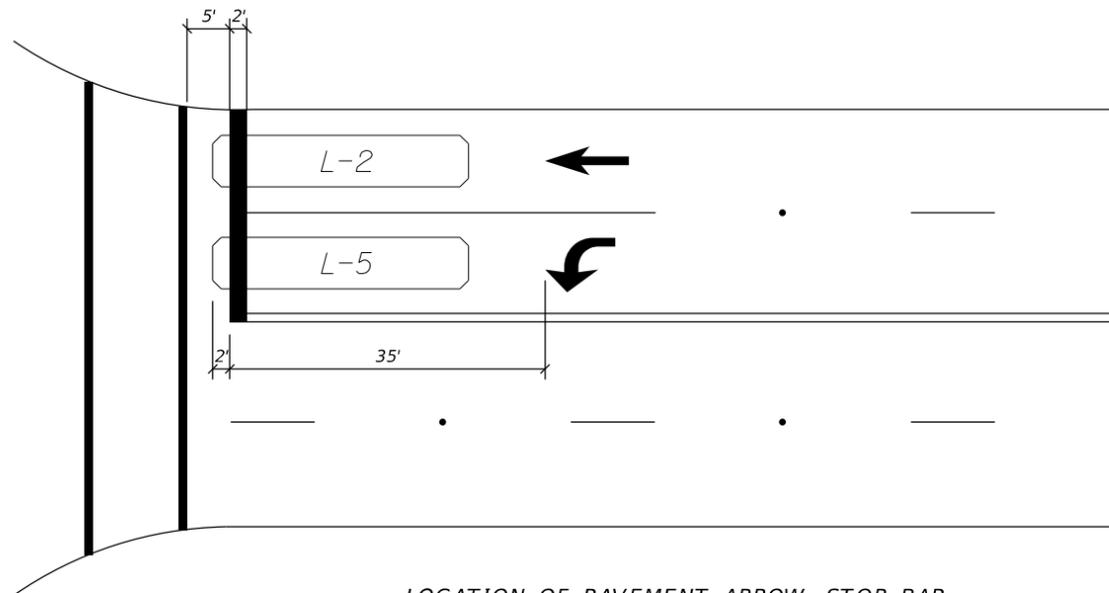
SIGNING & PAVEMENT MARKINGS:

1. ALL SIGNING AND PAVEMENT MARKINGS INSTALLED AS PART OF THESE PLANS SHALL CONFORM TO THE 2009 EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS, FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS. ALL SIGN PANELS SHALL BE FABRICATED TO COMPLY WITH THE MOST RECENT EDITION OF THE FEDERAL HIGHWAY AND ADMINISTRATION STANDARD HIGHWAY SIGNS.
2. THE CONTRACTOR SHALL MATCH EXISTING PAVEMENT MARKINGS AT THE BEGINNING AND THE END OF THE PROJECT AND AT ALL SIDE STREETS WITHOUT JOGS AND OFFSETS.
3. SIGN ASSEMBLY LOCATIONS SHOWN ON PLANS WHICH ARE IN CONFLICT WITH LIGHTING, UTILITIES, DRIVEWAYS, WHEELCHAIR RAMPS, ETC., MAY BE ADJUSTED SLIGHTLY AS DIRECTED BY THE ENGINEER. EXTREME LOCATION CHANGES MUST BE APPROVED BY THE DISTRICT TRAFFIC OPERATION DEPARTMENT.
4. INCORRECTLY PLACED (THERMOPLASTIC OR) PAINT MARKINGS OVER FRICTION COURSE WILL BE REMOVED BY MILLING AND REPLACING THE FRICTION COURSE A MINIMUM WIDTH OF 18 IN AT THE CONTRACTOR'S EXPENSE. THE ENGINEER MAY APPROVE AN ALTERNATIVE METHOD IF IT CAN BE DEMONSTRATED TO COMPLETELY REMOVE THE MARKINGS WITHOUT DAMAGING THE ASPHALT.
5. THE CONTRACTOR SHALL RELOCATE ALL EXISTING POST-MOUNTED STREET NAME AND STOP SIGNS TO A VISIBLE AREA UNDISTURBED BY THE CONSTRUCTION SO AS TO MINIMIZE DAMAGE TO THE SIGNS DURING CONSTRUCTION. THE STREET NAME SHALL BE REATTACHED TO THE TOP OF THE NEW STOP SIGNS ON MINOR SIDE STREETS AT THE END OF CONSTRUCTION. THE NEW STOP SIGN POST SHALL HAVE ADEQUATE LENGTH TO ACCOMMODATE THE EXISTING STREET NAMES AT THE TOP. COST OF RELOCATION AND REATTACHMENT OF STREET NAME SIGN SHALL BE PAID FOR UNDER PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
6. EXTRUDED ALUMINUM SIGN SUPPORT CLAMPS ARE NOT ACCEPTABLE. ALL RELOCATED SIGNS MUST COMPLY WITH THE STANDARD SPECIFICATIONS, SPECIAL PROVISIONS AND ROADWAY DESIGN AND TRAFFIC STANDARDS AS IF THEY WERE NEW SIGNS. IF EXISTING CLAMPS, BRACKETS, POLES, ETC. NEED TO BE REPLACED THE COST SHALL BE INCLUDED IN THE RELOCATION PAY ITEMS.
7. THE CONTRACTOR SHALL SUBMIT A LIST OF THE EXISTING SIGNS TO THE PROJECT ENGINEER AT THE PRE-CONSTRUCTION CONFERENCE. ANY SIGNS LOST OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT NO ADDITIONAL COST. COST OF MAINTAINING OF EXISTING SIGNS TO BE INCLUDED IN ITEM 102-1, MAINTENANCE OF TRAFFIC.

8. STOP BARS SHALL BE PLACED AT LEAST 5 FEET FROM CROSSWALKS IF TRAFFIC SIGNAL LOOPS ARE INSTALLED.
9. WHEN OVERHEAD STREET NAME SIGNS ARE INSTALLED ON MAST ARMS THE EXISTING POST-MOUNTED STREET SIGNS SHALL BE REMOVED. COST OF RESTORATION OF THE SIDEWALKS IS INCLUDED IN THE RELATED SIGNS REMOVAL ITEMS. REMOVED SIGNS SHALL BE DELIVERED AND UNLOADED AT:

MIAMI-DADE COUNTY PUBLIC WORKS AND WASTE MANAGEMENT
 TRAFFIC SIGNALS & SIGNS DIVISION
 7100 N.W. 36TH STREET
 MIAMI, FLORIDA 33166

RECEIPTS MUST BE OBTAINED FROM THE ABOVE AGENCY AND SUBMITTED TO THE PROJECT ENGINEER TO RECEIVE PAYMENT FOR REMOVAL ITEMS. (NOTE TO DESIGNER: ON FEDERAL AID PROJECTS ADD: COST TO BE INCLUDED IN PAY ITEM 110-86 DELIVERY OF SALVAGEABLE MATERIALS).

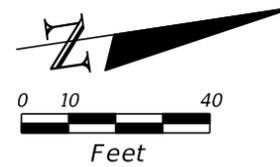


LOCATION OF PAVEMENT ARROW, STOP BAR AND LOOPS AT SIGNALIZED INTERSECTIONS

NOT TO SCALE

- Note:
1. ALL CROSSWALKS SHALL BE 10 FEET WIDE UNLESS INDICATED OTHERWISE.
 2. ALL STOP BARS SHALL BE 5 FEET FROM THE OUTSIDE EDGE OF THE CROSSWALK UNLESS INDICATED OTHERWISE.
 3. PAVEMENT ARROWS SHALL NOT OVERLAP DETECTOR LOOPS.

| REVISIONS | | | | C H Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078 Alejandro G. Meitin Florida P.E. No. 44744 www.p-a.cc agm@p-a.cc | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SIGNING AND MARKING PLANS | SHEET NO. S-4 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|---------------------------|-------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | A1A | MIAMI-DADE | 434773-1-52-01 | | |



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(TO REMAIN)



EXIST. SIGN
(TO REMAIN)



EXIST. SIGN
(TO REMAIN)



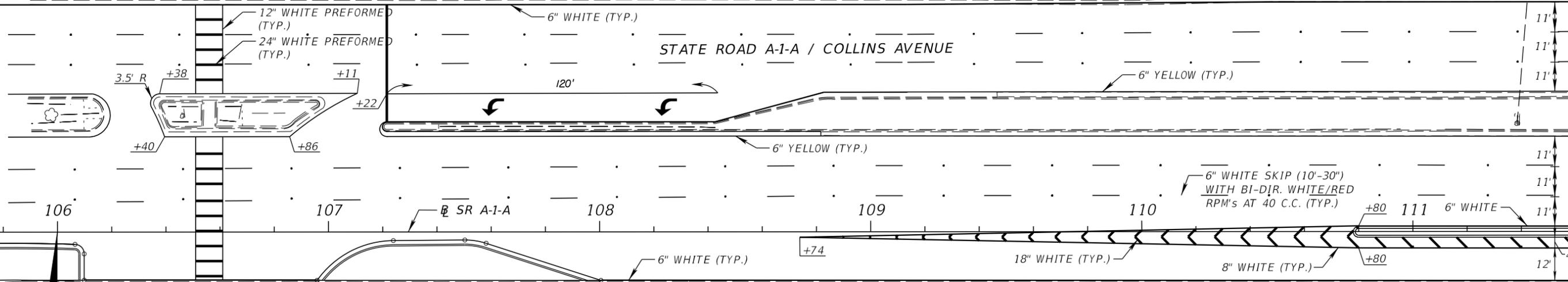
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(TO REMAIN)



EXIST. SIGN
(TO REMAIN)



R/W LINE



MATCH LINE STA. 111+60

R/W LINE



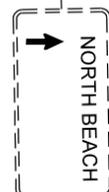
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(TO REMAIN)



EXIST. SIGN
(TO REMAIN)



EXIST. SIGN
(TO REMAIN)



EXIST. SIGN
(TO REMAIN)



EXIST. SIGN
(TO REMAIN)



EXIST. SIGN
(TO REMAIN)



EXIST. SIGN
(TO REMAIN)

BEGIN PROJECT
STA. 106+00.00
MP 7.184

4700 BLOCK

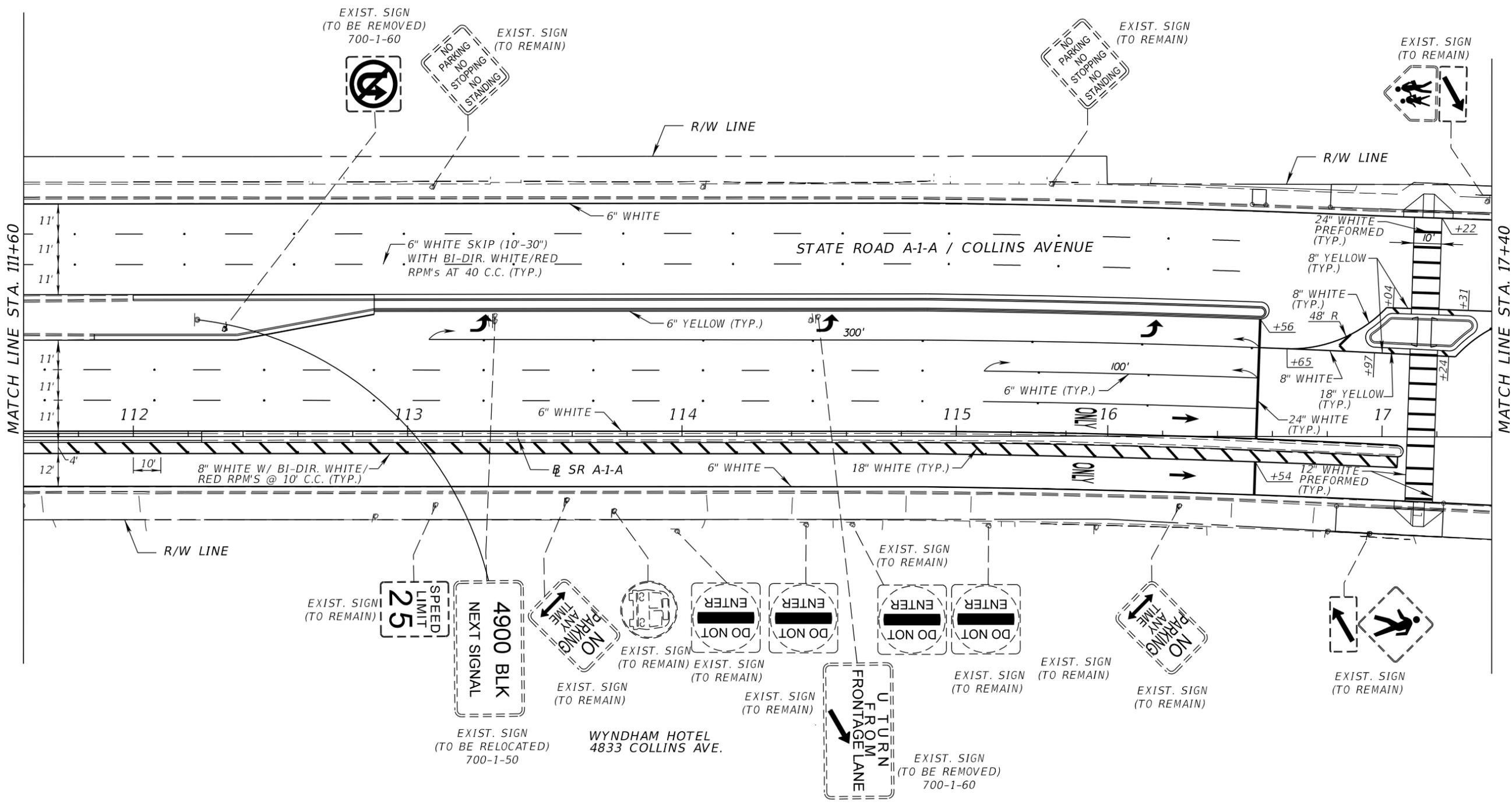
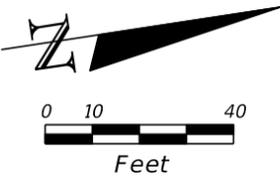
MIMOSA CONDOMINIUM
4747 COLLINS AVE.

GREEN DIAMON
CONDOMINIUM
4775 COLLINS AVE.

GREEN DIAMON
CONDOMINIUM
4775 COLLINS AVE.

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|-----------|-------------|------|-------------|---|--|------------|----------------------|--|-------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | A1A | MIAMI-DADE | 434773-1-52-01 | | |

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| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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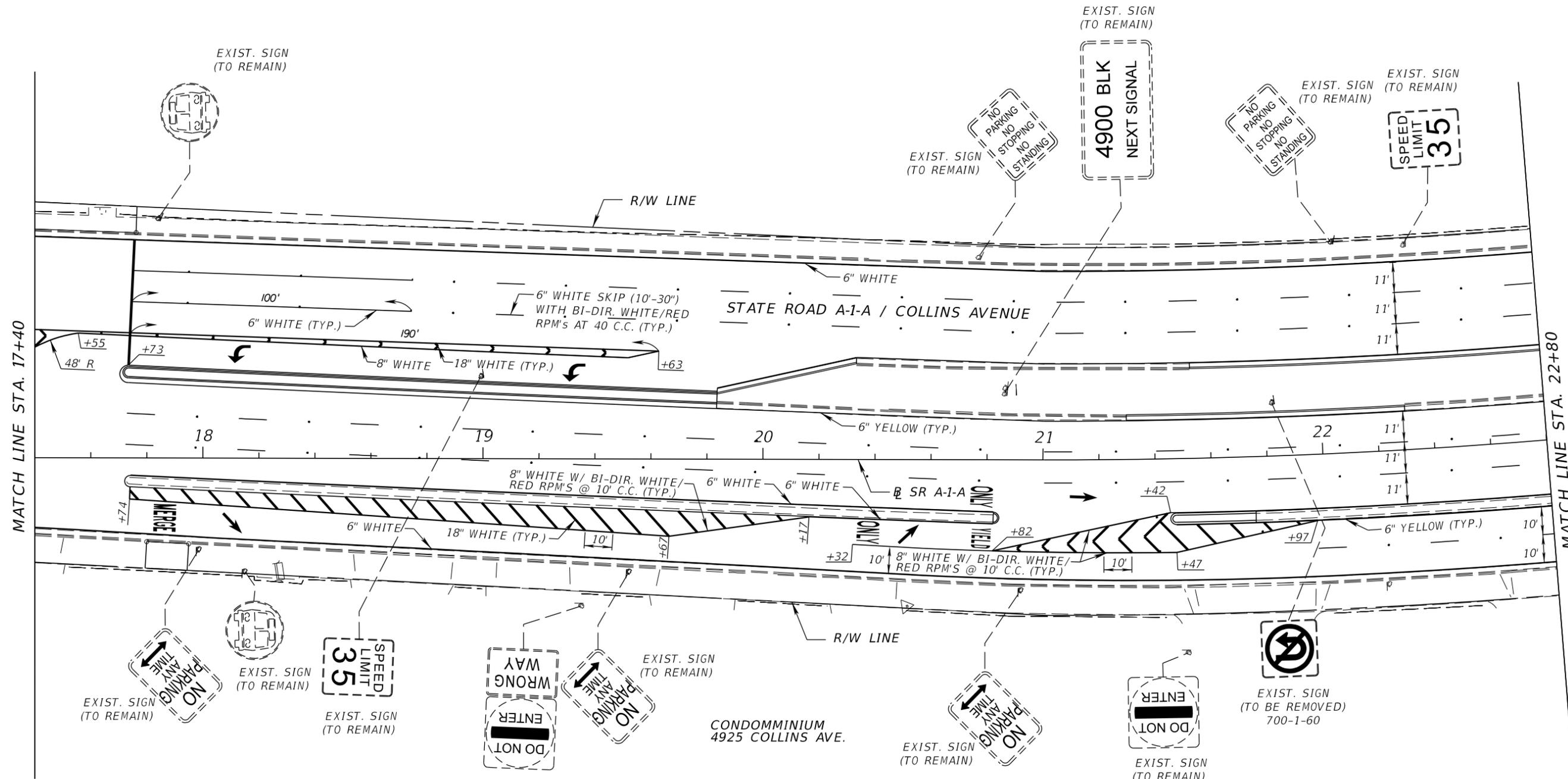
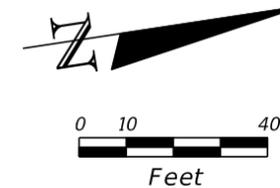
**CH Perez and Associates
Consulting Engineers, Inc.**
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9594 NW 41 Street, Suite 201 | Doral, Florida 33178
Tel. (305) 592-1070 | Fax. (305) 592-1078
Alejandro G. Meitin
Florida P.E. No. 44744
www.p-a.cc agm@p-a.cc

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
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**SIGNING AND PAVEMENT
MARKING PLAN**

SHEET NO.
S-6

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MATCH LINE STA. 17+40

MATCH LINE STA. 22+80

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
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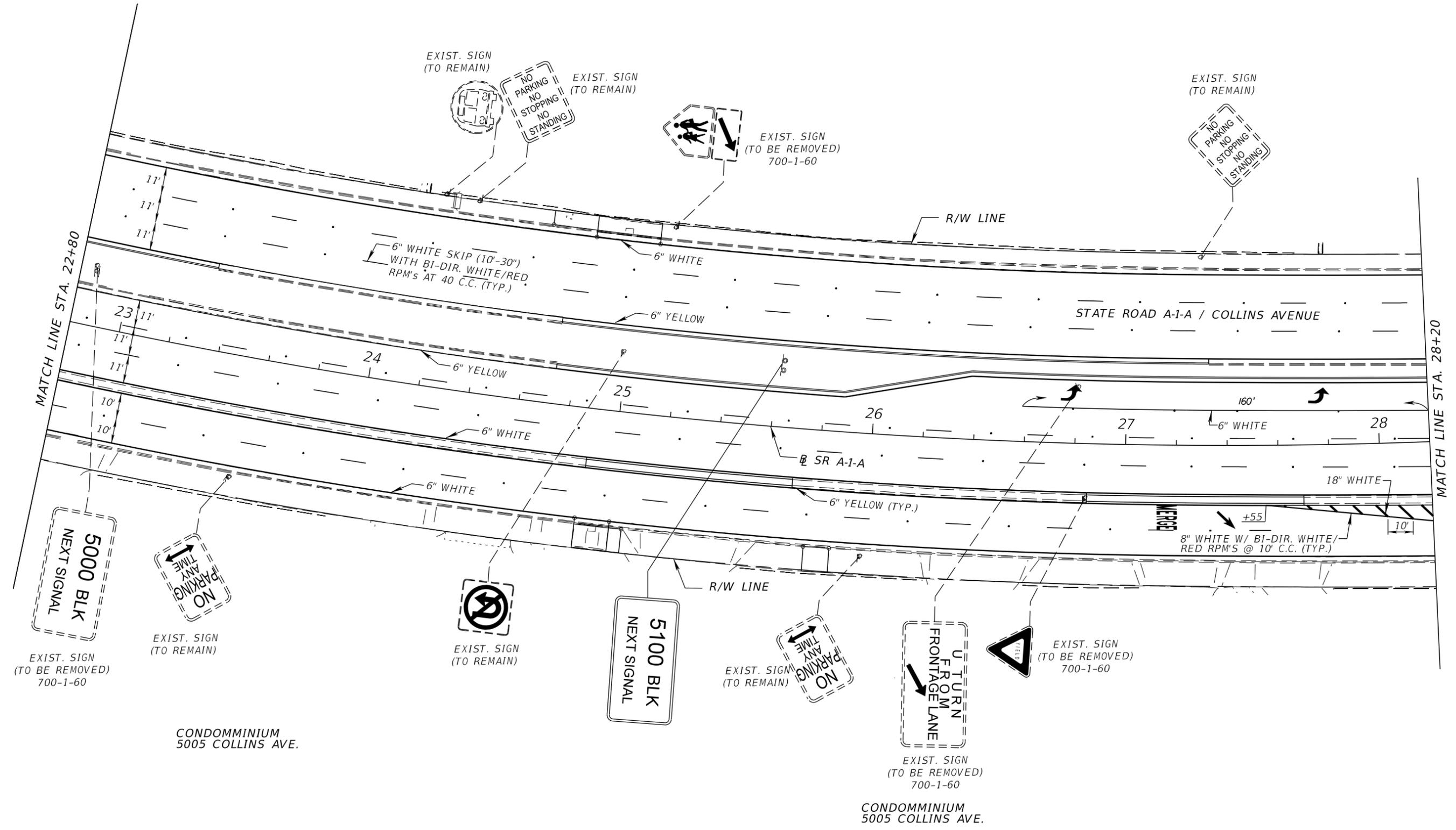
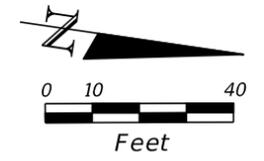
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Alejandro G. Meitin
Florida P.E. No. 44744
www.p-a.cc agm@p-a.cc

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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
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**SIGNING AND PAVEMENT
MARKING PLAN**

SHEET NO.
S-7

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| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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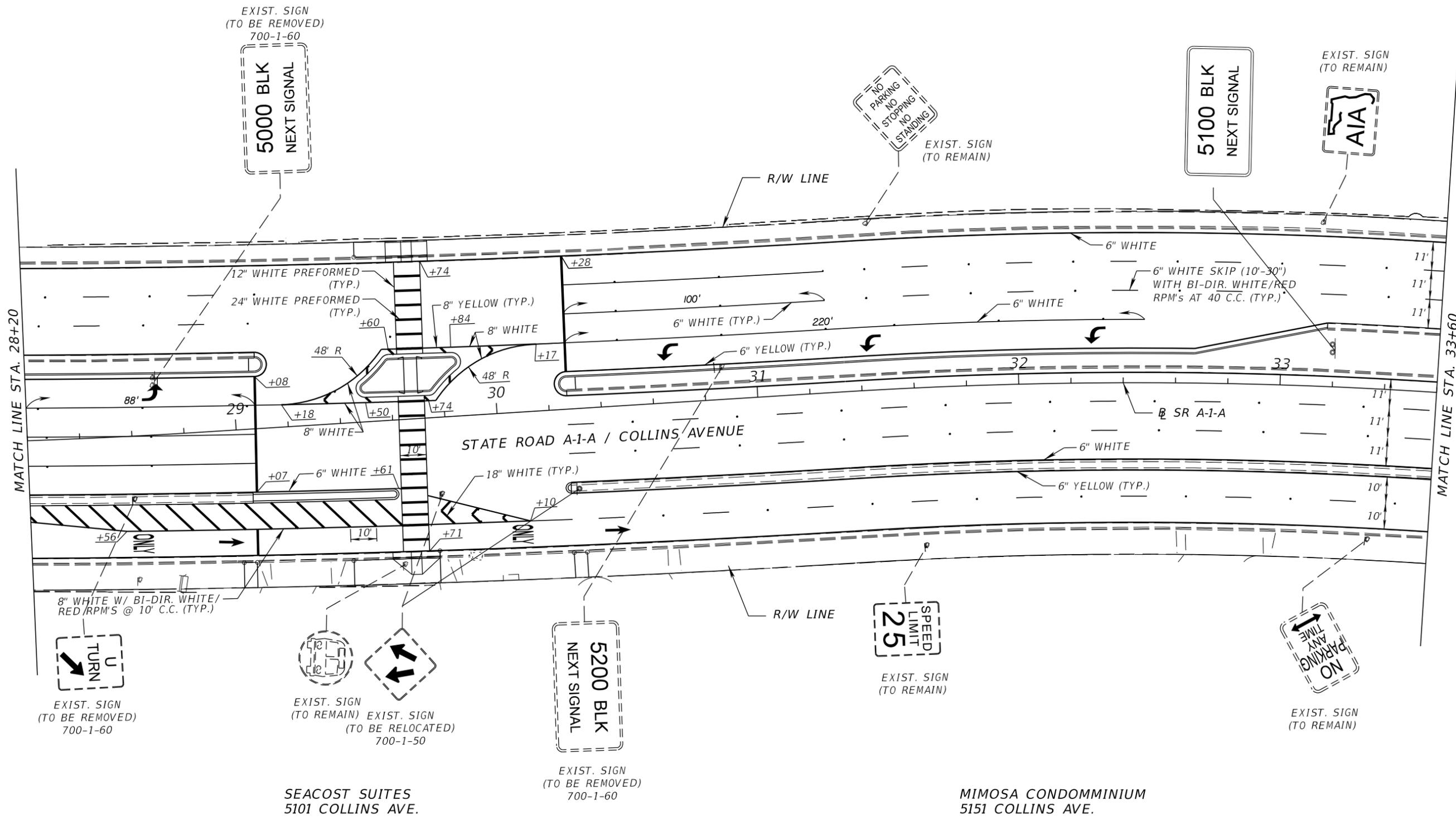
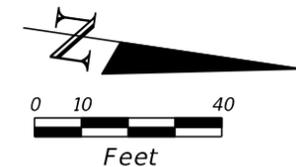
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|--|------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| A1A | MIAMI-DADE | 434773-1-52-01 |

**SIGNING AND PAVEMENT
MARKING PLAN**

SHEET NO.
S-8

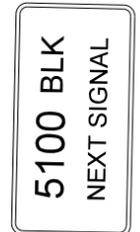
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EXIST. SIGN
(TO BE REMOVED)
700-1-60



EXIST. SIGN
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(TO REMAIN)



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700-1-60



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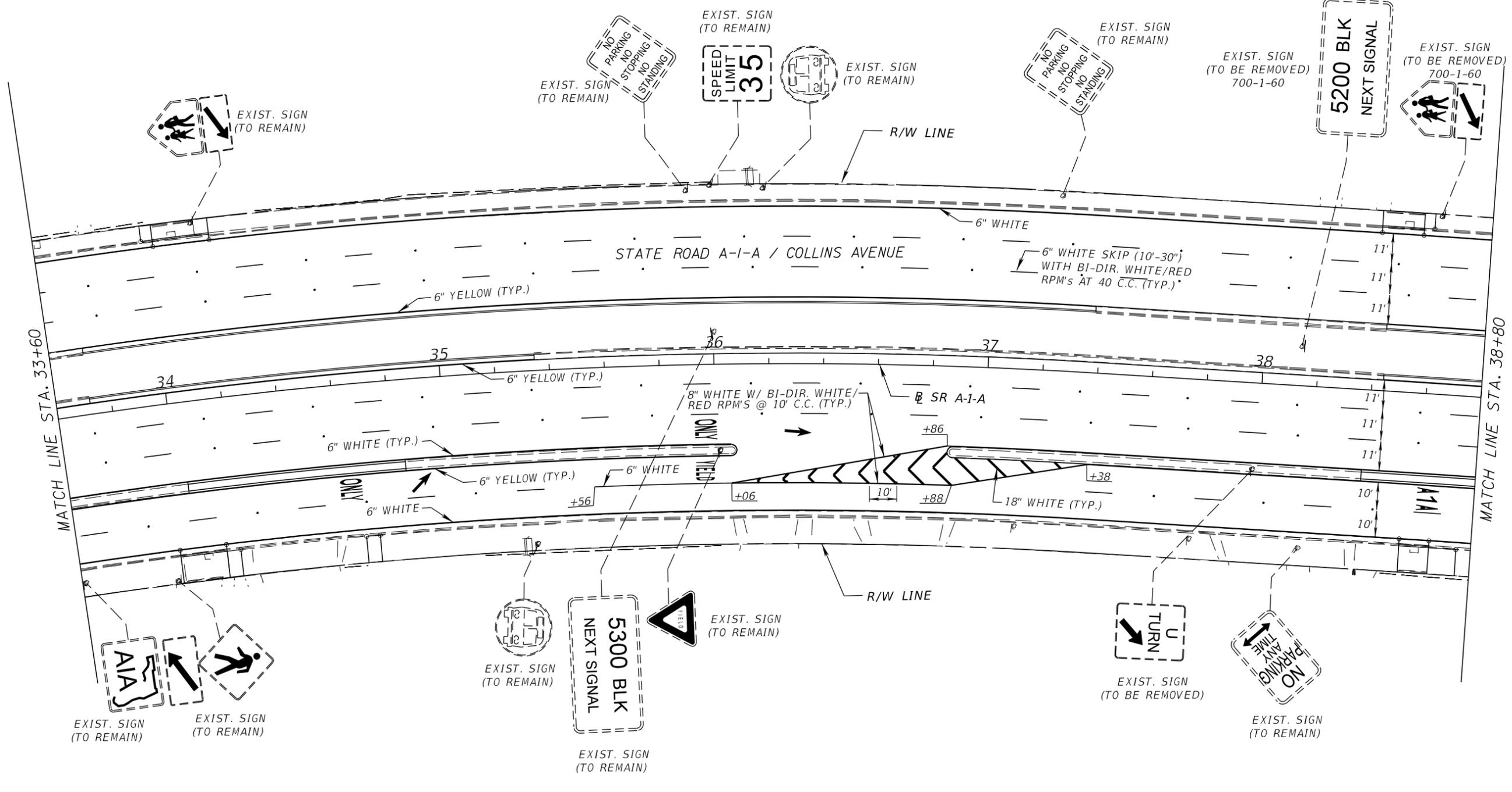
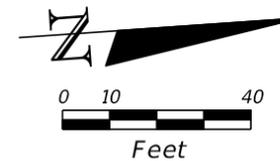
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SEACOST SUITES
5101 COLLINS AVE.

MIMOSA CONDOMINIUM
5151 COLLINS AVE.

| REVISIONS | | | | C H Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078 Alejandro G. Meitin Florida P.E. No. 44744 www.p-a.cc agm@p-a.cc | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SIGNING AND PAVEMENT MARKING PLAN | SHEET NO. |
|-----------|-------------|------|-------------|--|--|------------|----------------------|--|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | AIA | MIAMI-DADE | 434773-1-52-01 | | S-9 |

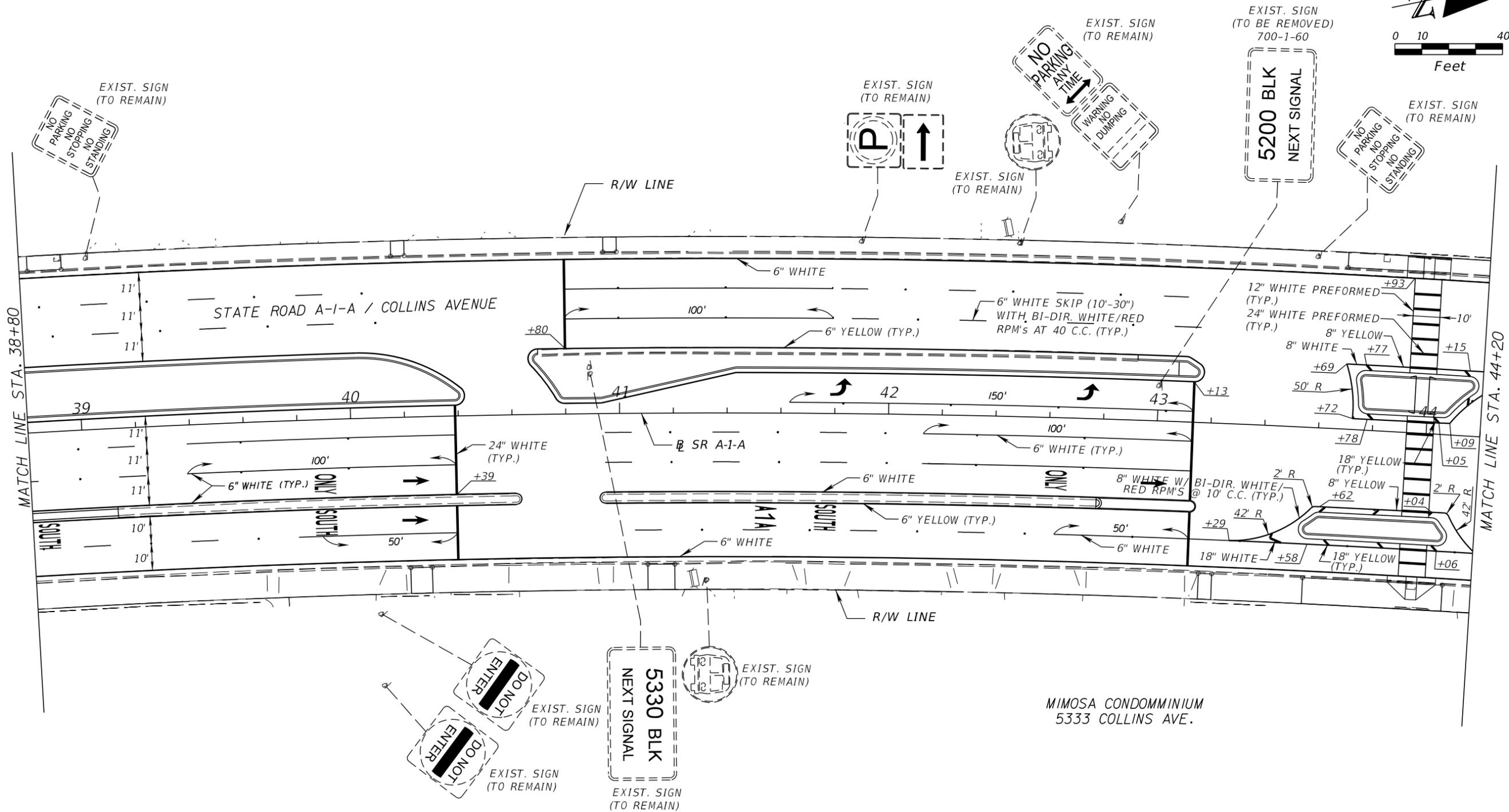
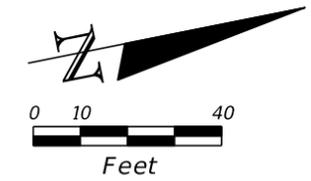
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ALEXANDER ALL SUITE
OCEAN FRONT
5225 COLLINS AVE.

| REVISIONS | | | | CH Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 <small>9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078</small> Alejandro G. Meitin Florida P.E. No. 44744 agm@p-a.cc | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SIGNING AND PAVEMENT MARKING PLAN | SHEET NO. S-10 |
|-----------|-------------|------|-------------|---|--|------------|----------------------|--|--------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | A1A | MIAMI-DADE | 434773-1-52-01 | | |

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MATCH LINE STA. 38+80

MATCH LINE STA. 44+20

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 Tel. (305) 592-1070 | Fax. (305) 592-1078
 Alejandro G. Meitin
 Florida P.E. No. 44744
 www.p-a.cc agm@p-a.cc

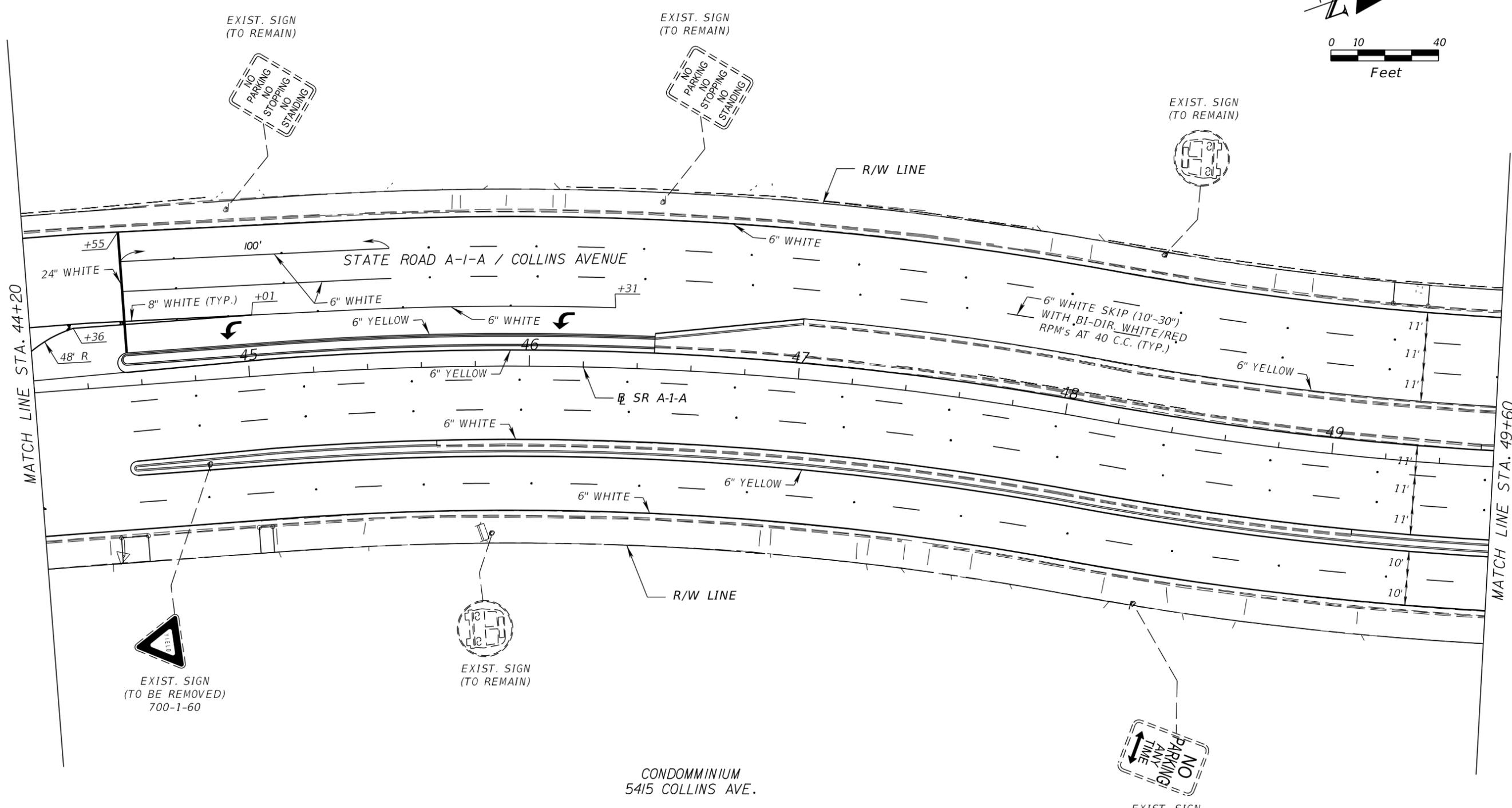
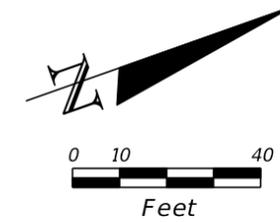
| | | |
|--|------------|----------------------|
| <i>STATE OF FLORIDA</i> <i>DEPARTMENT OF TRANSPORTATION</i> | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| A1A | MIAMI-DADE | 434773-1-52-01 |

SIGNING AND PAVEMENT
MARKING PLAN

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

SHEET
NO.
S-11

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EXIST. SIGN
(TO BE REMOVED)
700-1-60

EXIST. SIGN
(TO REMAIN)

EXIST. SIGN
(TO REMAIN)

CONDOMINIUM
5415 COLLINS AVE.

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
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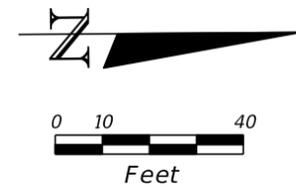
**CH Perez and Associates
Consulting Engineers, Inc.**
Certificate of Authorization No. 25976
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Tel. (305) 592-1070 | Fax. (305) 592-1078
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| | | |
|--|------------|----------------------|
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| A1A | MIAMI-DADE | 434773-1-52-01 |

**SIGNING AND PAVEMENT
MARKING PLAN**

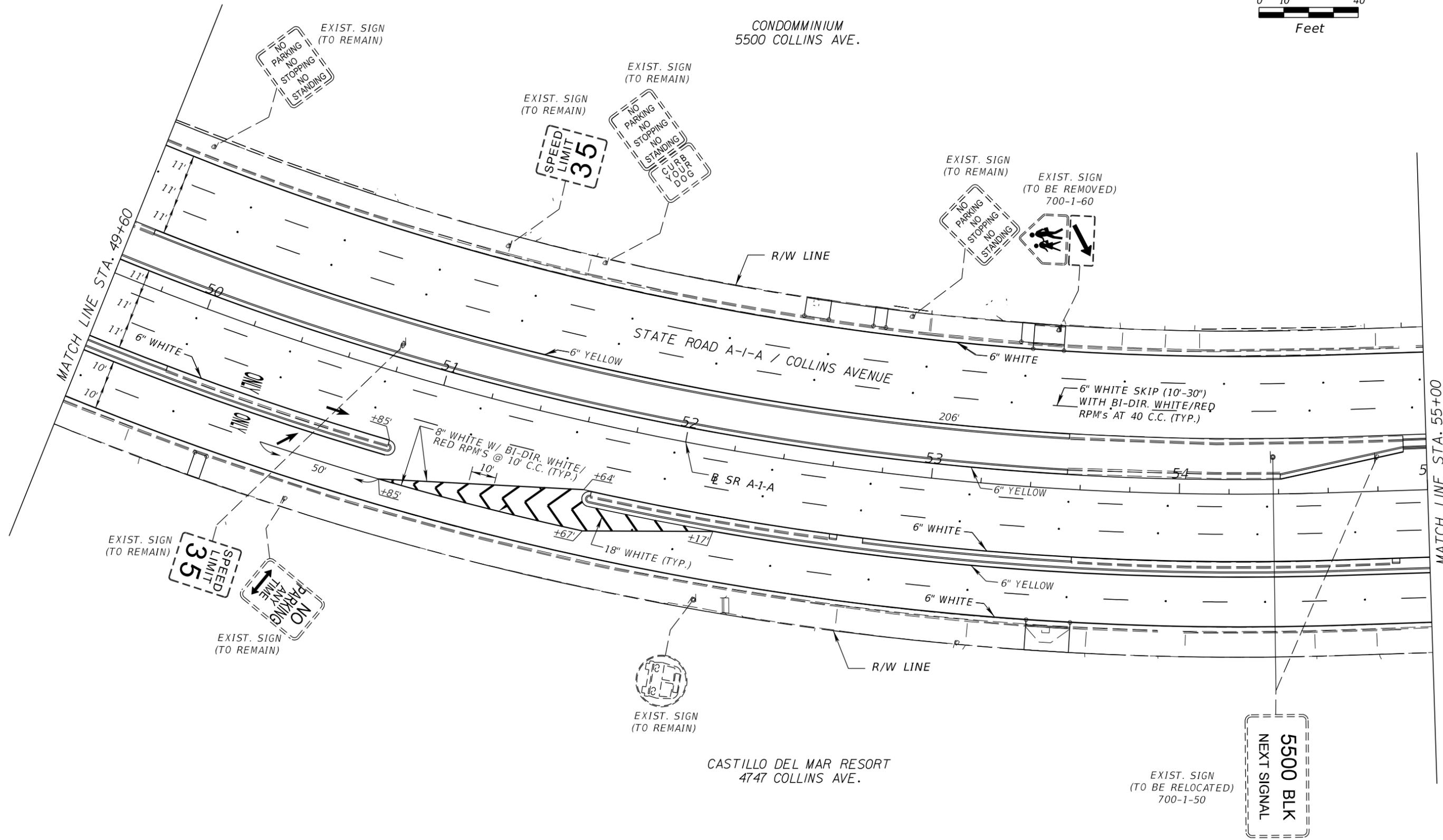
SHEET NO.
S-12

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CONDOMINIUM
5500 COLLINS AVE.

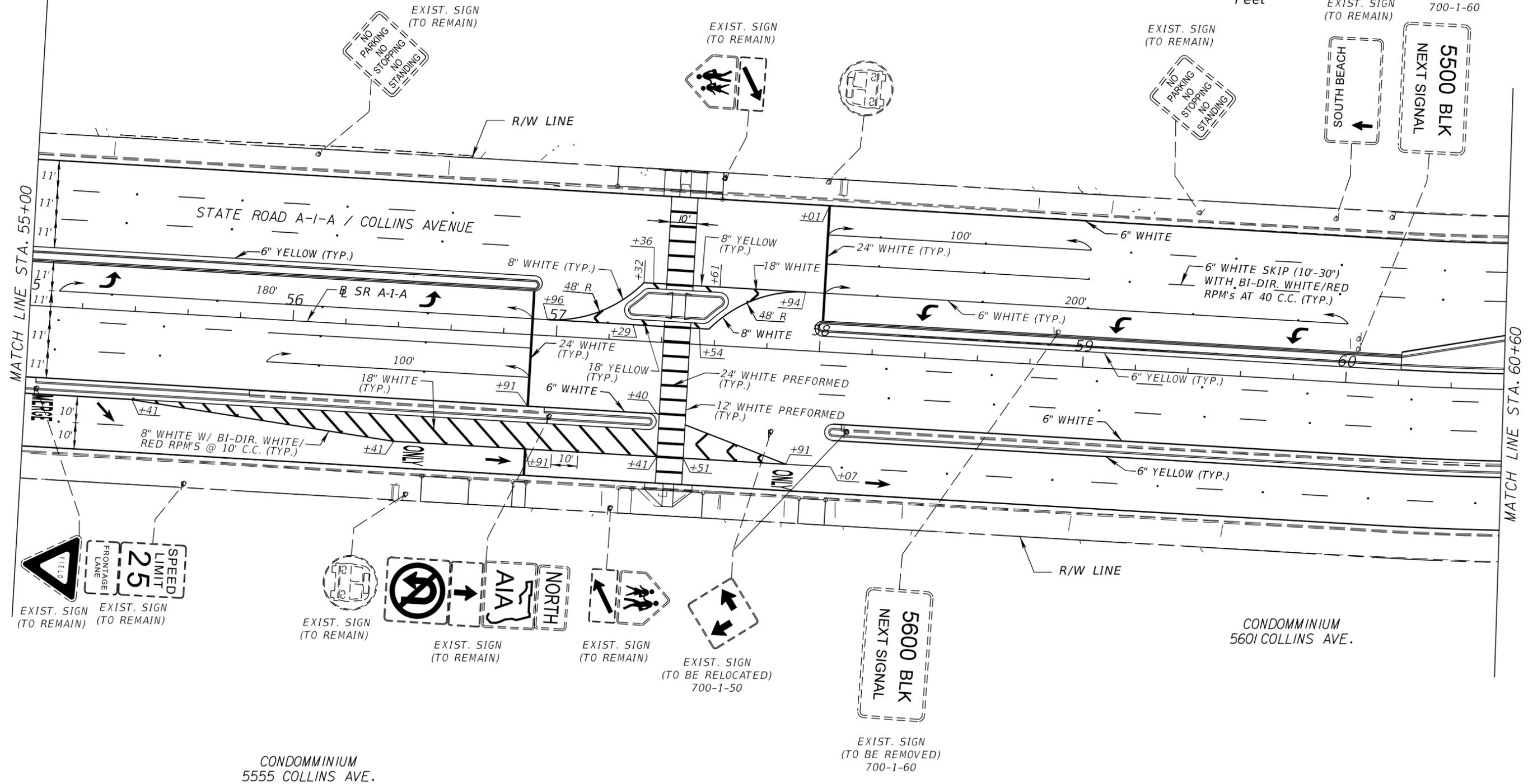
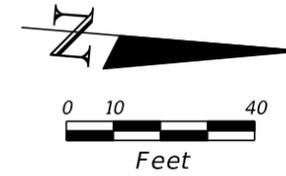
CASTILLO DEL MAR RESORT
4747 COLLINS AVE.



| REVISIONS | | | | C H Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 <small>9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078</small> Alejandro G. Meitin Florida P.E. No. 44744 <small>www.p-a.cc agm@p-a.cc</small> | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SIGNING AND PAVEMENT MARKING PLAN | SHEET NO. S-13 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|--|-----------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | A1A | MIAMI-DADE | 434773-1-52-01 | | |

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CONDOMINIUM
5600 COLLINS AVE.



CONDOMINIUM
5555 COLLINS AVE.

CONDOMINIUM
5601 COLLINS AVE.

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

**C H Perez and Associates
Consulting Engineers, Inc.**
Certificate of Authorization No. 25976
9594 NW 41 Street, Suite 201 | Doral, Florida 33178
Tel. (305) 592-1070 | Fax. (305) 592-1078
Alejandro G. Meitin
Florida P.E. No. 44744
agm@p-a.cc

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| A1A | MIAMI-DADE | 434773-1-52-01 |

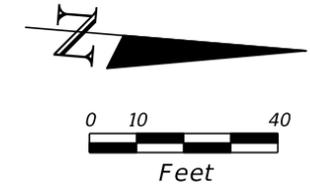
**SIGNING AND PAVEMENT
MARKING PLAN**

SHEET
NO.
S-14

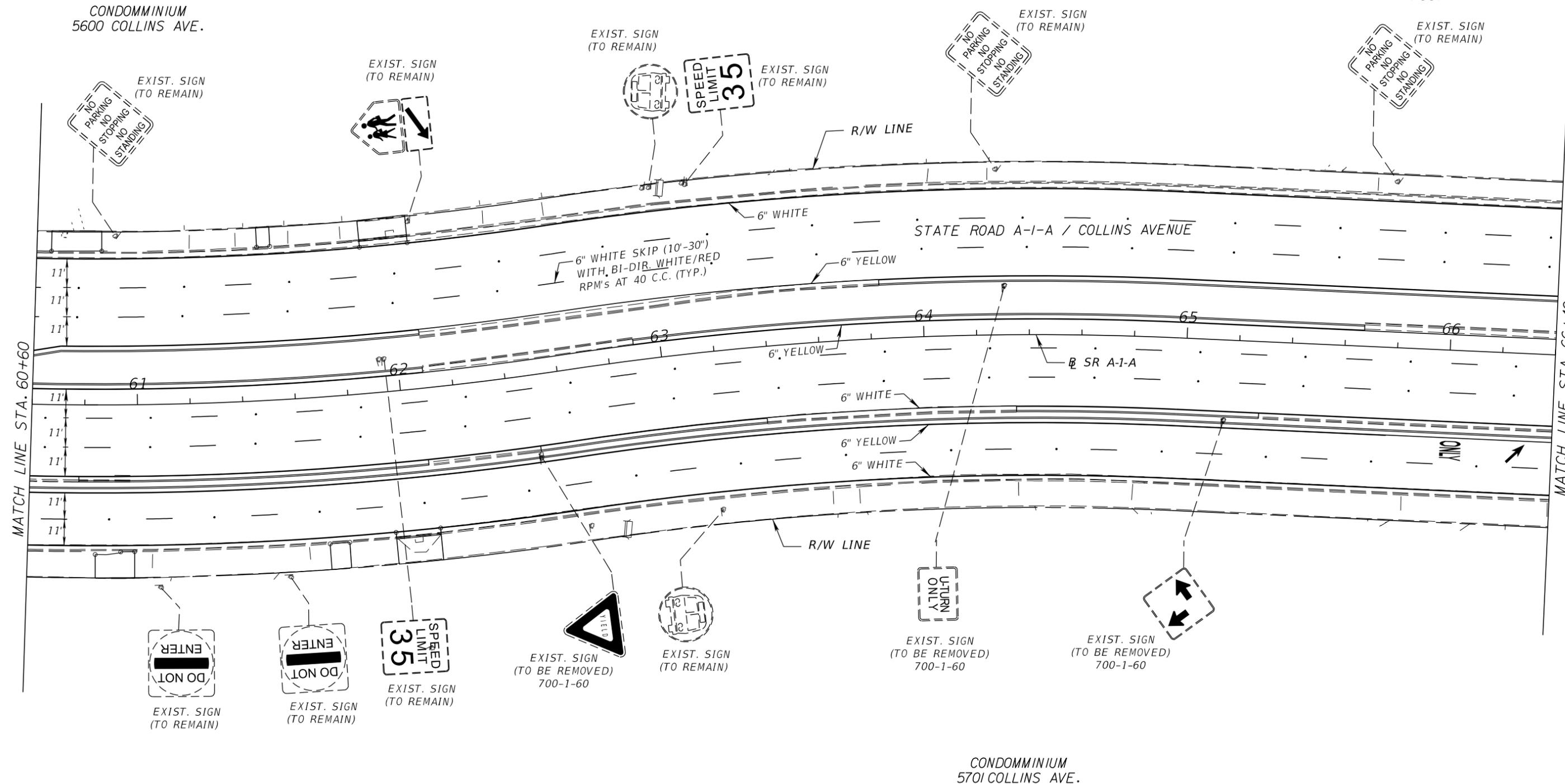
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CONDOMINIUM
5660 COLLINS AVE.

CONDOMINIUM
5700 COLLINS AVE.



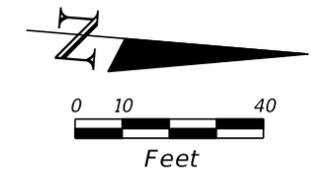
CONDOMINIUM
5600 COLLINS AVE.



CONDOMINIUM
5701 COLLINS AVE.

| REVISIONS | | | | C H Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078 Alejandro G. Meitin Florida P.E. No. 44744 www.p-a.cc agm@p-a.cc | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SIGNING AND PAVEMENT MARKING PLAN | SHEET NO. S-15 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|--|----------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | A1A | MIAMI-DADE | 434773-1-52-01 | | |

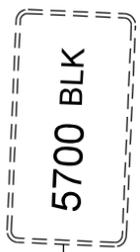
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



5750 COLLINS AVE.

5800 COLLINS AVE.

EXIST. SIGN
(TO REMAIN)



EXIST. SIGN
(TO REMAIN)



EXIST. SIGN
(TO REMAIN)



EXIST. SIGN
(TO REMAIN)



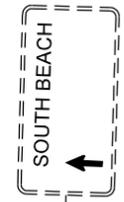
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(TO REMAIN)



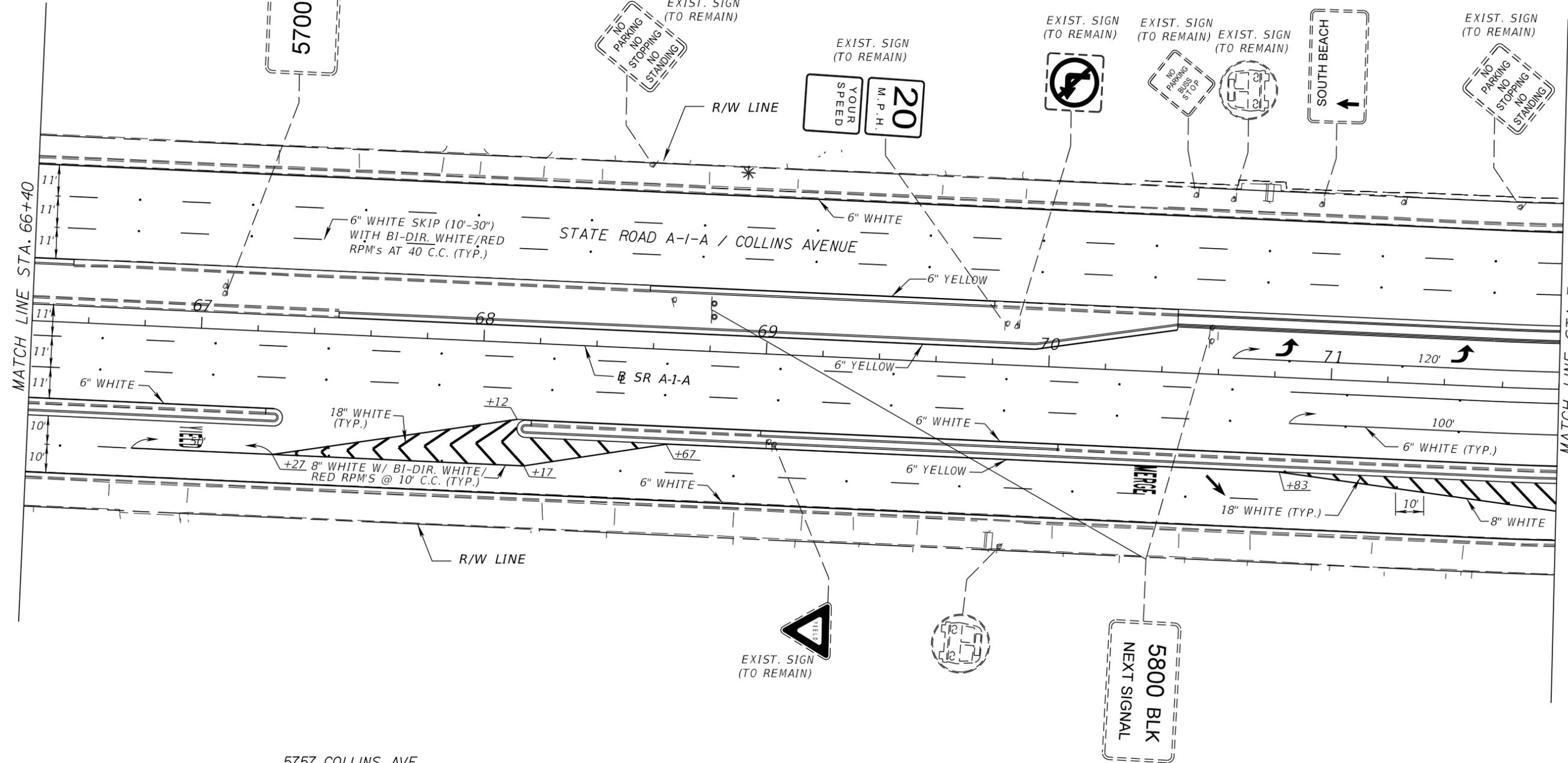
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(TO REMAIN)



EXIST. SIGN
(TO REMAIN)



EXIST. SIGN
(TO REMAIN)



5757 COLLINS AVE.

5775 COLLINS AVE.

EXIST. SIGN
(TO REMAIN)

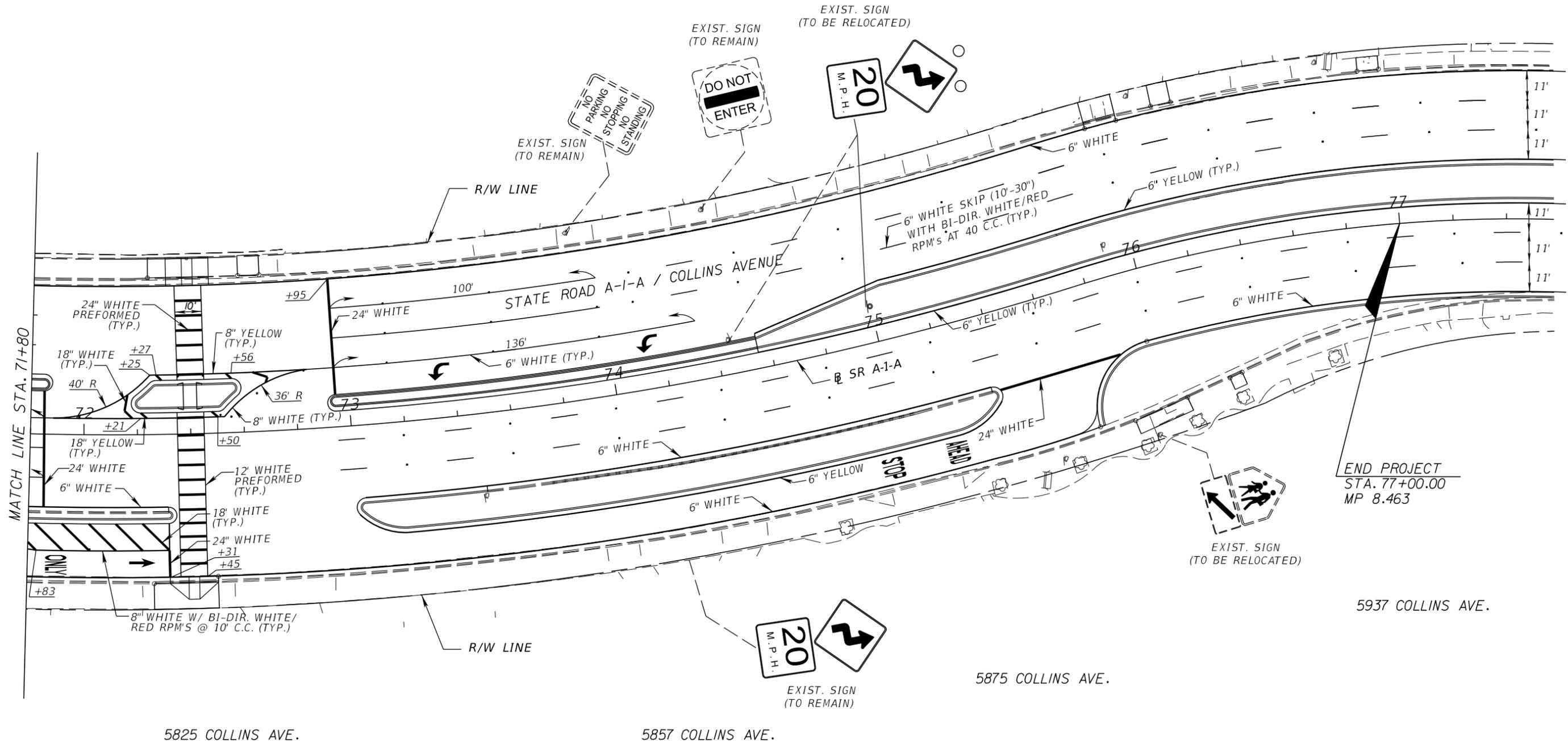
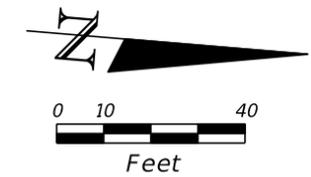


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(TO BE RELOCATED)
700-1-50

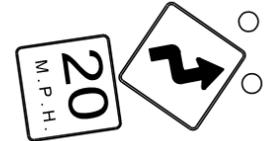


| REVISIONS | | | | CH Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078 Alejandro G. Meitin Florida P.E. No. 44744 www.p-a.cc agm@p-a.cc | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SIGNING AND PAVEMENT MARKING PLAN | SHEET NO. |
|-----------|-------------|------|-------------|---|--|------------|----------------------|--|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | A1A | MIAMI-DADE | 434773-1-52-01 | | S-16 |

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



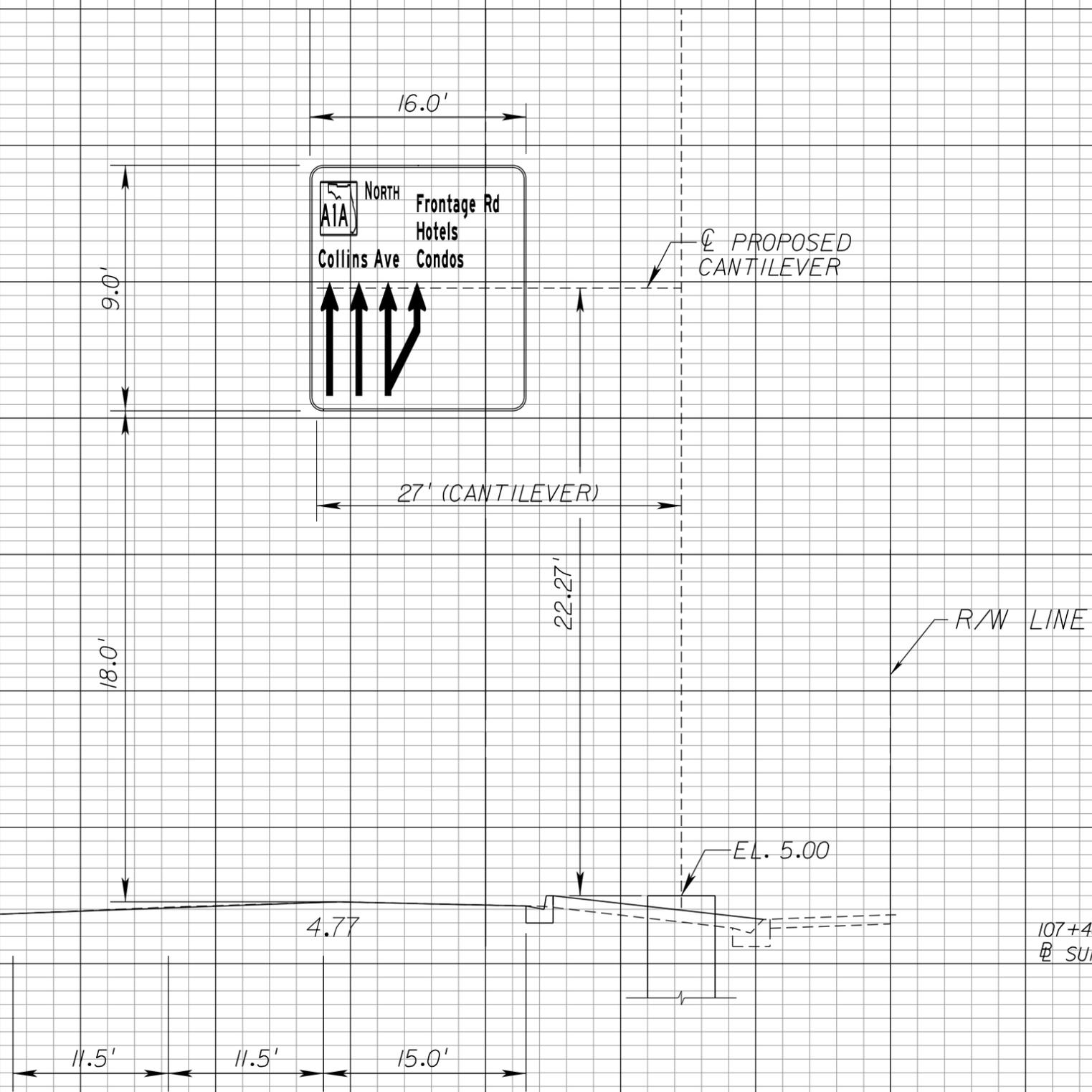
EXIST. SIGN (TO BE RELOCATED)



| REVISIONS | | | | C H Perez and Associates Consulting Engineers, Inc. Certificate of Authorization No. 25976 9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078 Alejandro G. Meitin Florida P.E. No. 44744 www.p-a.cc agm@p-a.cc | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SIGNING AND PAVEMENT MARKING PLAN | SHEET NO. |
|-----------|-------------|------|-------------|---|--|------------|----------------------|---|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | A1A | MIAMI-DADE | 434773-1-52-01 | | S-17 |

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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SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

| REVISIONS | | C H Perez and Associates Consulting Engineers, Inc. | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET No. |
|---|-------------|---|-------------|---|------------|----------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | ROAD No. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | A/A | MIAMI-DADE | 434773-1-52-01 | S-18 |
| Certificate of Authorization No. 25976 9594 NW 41 Street, Suite 201 Doral, Florida 33178 Tel. (305) 592-1070 Fax. (305) 592-1078 Alejandro G. Meitin Florida P.E. No. 44744 agm@p-a.cc | | | | OVERHEAD SIGN CROSS SECTION | | | |

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

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 434773-1-52-01

(FEDERAL FUNDS)

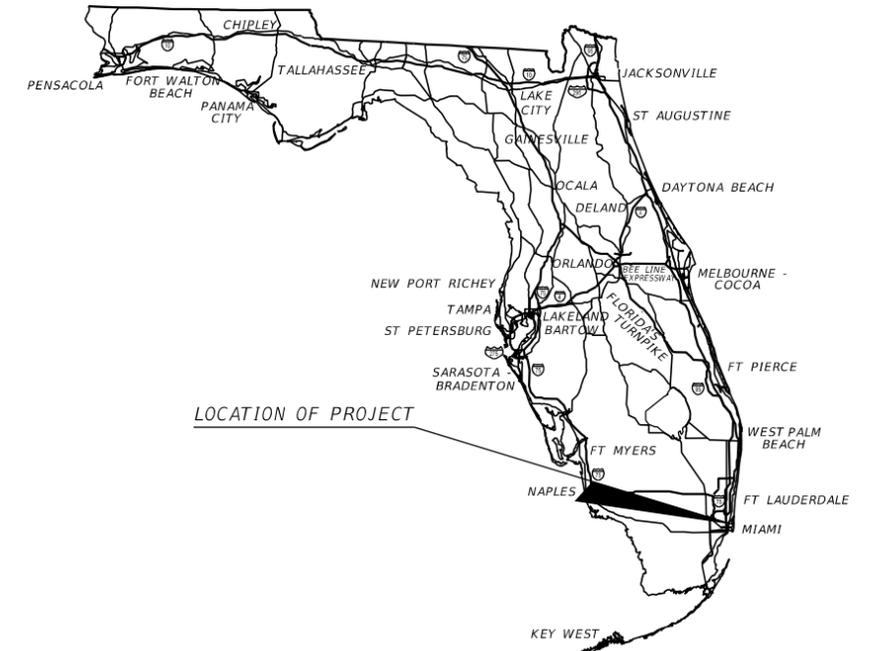
MIAMI-DADE COUNTY (87060)

STATE ROAD NO. A1A

COLLINS AVENUE

FROM 4700 BLOCK TO 5800 BLOCK

SIGNALIZATION PLANS



INDEX OF SIGNALIZATION PLANS

| SHEET NO. | SHEET DESCRIPTION |
|----------------|--|
| T-1 | KEY SHEET |
| T-2 Thru T-3 | TABULATION OF QUANTITIES |
| T-4 | SIGNALIZATION NOTES |
| T-5 Thru T-16 | SIGNALIZATION PLANS |
| T-17 | MAST ARM TABULATION |
| T-18 | STANDARD MAST ARM ASSEMBLY DATA TABLE (NOT INCLUDED) |
| T-19 Thru T-20 | GUIDE SIGN WORKSHEET |
| T-21 | ELECTRICAL SERVICE DETAIL SHEET |
| T-22 | CONTROLLER CABINET INSTALLATION DETAIL |
| GT-1 Thru GT-7 | REPORT OF CORE BORINGS |

SIGNALIZATION SHOP DRAWINGS
TO BE SUBMITTED TO:

FRANK PANELLAS, P.E.
TRACE CONSULTANTS, INC.
12485 SW 137 AVENUE, SUITE 207
MIAMI, FLORIDA 33186
TEL. (305) 281-1195

PLANS PREPARED BY:

TRACE CONSULTANTS, INC.
12485 SW 137 AVENUE,
SUITE 207
MIAMI, FLORIDA 33186
TEL. (305) 281-1195
CONTRACT NO. C-9191
VENDOR # F455418595
CERTIFICATE OF AUTHORIZATION 29942

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

| KEY SHEET REVISIONS | |
|---------------------|-------------|
| DATE | DESCRIPTION |
| | |

SIGNALIZATION PLANS
ENGINEER OF RECORD: FRANK PANELLAS, P.E.

P.E. NO.: 59448

| FISCAL YEAR | SHEET NO. |
|-------------|-----------|
| 18 | T-1 |

FDOT PROJECT MANAGER: ANA T. ARVELO, P.E.

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

TABULATION OF QUANTITIES

| PAY ITEM NO. | DESCRIPTION | UNIT | SHEET NUMBERS | | | | | | | | | | | | | | TOTAL THIS SHEET | | GRAND TOTAL | |
|--------------|---|------|---------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|------|------------------|-------|-------------|-------|
| | | | T-5 | | T-6 | | T-7 | | T-8 | | T-9 | | T-10 | | T-11 | | PLAN | FINAL | PLAN | FINAL |
| | | | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | | | | | | |
| 630-2-12 | CONDUIT, F & I, DIRECTIONAL BORE | LF | 962 | | | 629 | | | | 580 | | 920 | | | | 3091 | | | | |
| 632-7-1 | SIGNAL CABLE, NEW OR RECONSTRUCTED INTERSECTION, F & I | PI | 1 | | | 1 | | | | 1 | | 1 | | | | 4 | | | | |
| 632-7-6 | SIGNAL CABLE, REMOVE INTERSECTION | PI | 1 | 1 | | | 1 | | | 1 | | 1 | 1 | | | 6 | | | | |
| 635-2-11 | PULLBOX, F & I, 13" X 24" COVER SIZE | EA | 20 | | | 18 | | | | 13 | | 17 | | | | 68 | | | | |
| 639-1-122 | ELECTRICAL POWER SERVICE, F & I, UNDERGROUND, METER PURCHASED BY CONTRACTOR | AS | 1 | | | 1 | | | | 1 | | 1 | | | | 4 | | | | |
| 639-2-1 | ELECTRICAL SERVICE WIRE | LF | 174 | | | 94 | | | | 240 | | 133 | | | | 641 | | | | |
| 639-2-6 | ELECTRICAL SERVICE WIRE, REMOVE | LF | 123 | 171 | | | | 108 | | 109 | | 113 | 132 | | | 756 | | | | |
| 641-2-12 | PRESTRESSED CONCRETE POLE, F & I, TYPE P-11 SERVICE POLE | EA | 1 | | | 1 | | | | 1 | | 1 | | | | 4 | | | | |
| 646-1-11 | ALUMINUM SIGNALS POLE, PEDESTAL | EA | 2 | | | 2 | | | | | | 1 | | | | 5 | | | | |
| 646-1-60 | ALUMINUM SIGNALS POLE, REMOVE | EA | 1 | 1 | | | | 1 | | | | | | | | 3 | | | | |
| 649-31-101 | MAST ARM, F & I, WIND SPEED-150, SINGLE ARM, W/O LUMINAIRE-36 | EA | | | | | | | | 1 | | | | | | 1 | | | | |
| 649-31-102 | MAST ARM, F & I, WIND SPEED-150, SINGLE ARM, W/O LUMINAIRE-46 | EA | | | | | | | | 1 | | | | | | 1 | | | | |
| 649-31-103 | MAST ARM, F & I, WIND SPEED-150, SINGLE ARM, W/O LUMINAIRE-60 | EA | 1 | | | 1 | | | | | | 1 | | | | 3 | | | | |
| 649-31-104 | MAST ARM, F & I, WIND SPEED-150, SINGLE ARM, W/O LUMINAIRE-70.5 | EA | 1 | | | 1 | | | | 1 | | 1 | | | | 4 | | | | |
| 649-36-300 | MAST ARM, REMOVE SHALLOW FOUNDATION, BOLT ON ATTACHMENT | EA | 2 | 2 | | | | 2 | | 2 | | 2 | 2 | | | 12 | | | | |
| 650-1-14 | TRAFFIC SIGNAL, F & I, ALUMINUM, 3 SECTION, 1 WAY | AS | 8 | | | 8 | | | | 10 | | 8 | | | | 34 | | | | |
| 650-1-18 | TRAFFIC SIGNAL, F & I, ALUMINUM, 5 SECTION STRAIGHT, 1 WAY | AS | 1 | | | 1 | | | | | | 1 | | | | 3 | | | | |
| 650-1-46 | TRAFFIC SIGNAL, F & I, PROGRAMMABLE, 4 SECTION, 1 WAY | AS | | | | | | | | | | 1 | | | | 1 | | | | |
| 653-1-11 | PEDESTRIAN SIGNAL, F & I LED COUNTDOWN, 1 WAY | AS | 2 | | | 2 | | | | | | 2 | | | | 6 | | | | |
| 660-1-109 | LOOP DETECTOR INDUCTIVE, F & I, TYPE 9 | EA | 2 | | | 2 | | | | | | 3 | | | | 7 | | | | |
| 660-2-101 | LOOP ASSEMBLY, F & I, TYPE A | AS | 2 | | | 2 | | | | | | 3 | | | | 7 | | | | |
| 665-1-11 | PEDESTRIAN DETECTOR, F & I, STANDARD | EA | 2 | | | 2 | | | | | | 2 | | | | 6 | | | | |
| 670-5-120 | TRAFFIC CONTROLLER ASSEMBLY, F & I, 170 | AS | 1 | | | 1 | | | | 1 | | 1 | | | | 4 | | | | |
| 670-5-600 | TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET | AS | 1 | 1 | | | | 1 | | 1 | | 1 | 1 | | | 6 | | | | |
| 700-3-201 | SIGN PANEL, F & I, OVERHEAD MOUNT, UP TO 12 SF | EA | 1 | | | 1 | | | | | | 1 | | | | 3 | | | | |
| 700-5-21 | INTERNALLY ILLUMINATED SIGN, F & I, OVERHEAD MOUNT, UP TO 12 SF | EA | 2 | | | 2 | | | | 3 | | 2 | | | | 9 | | | | |

THE CONTRACTOR SHALL CONSTRUCT CONCRETE SLABS AROUND ALL PULL BOXES, MAST ARM POLES, SERVICE POINTS AND ELECTRICAL DEVICES LOCATED IN UNPAVED/GRASS AREA. SEE INDEX 17500 FOR DETAILS AND NOTES. COST OF THE SLAB CONSTRUCTION, INCLUDING REINFORCED STEEL FABRIC, SHALL BE INCLUDED IN THE RELATED PAY ITEMS FOR PULL BOXES; MAST ARM POLES, CONTROLLERS, SERVICE POINTS AND ELECTRICAL DEVICES.

PAY ITEM NOTES:

630-2-12 INCLUDES OPEN TRENCH INSTALLATION UNDER PAVEMENT.

670-5-120 INCLUDES COST OF FURNISHING AND INSTALLATION OF MODEM INSIDE CONTROLLER CABINET.

| | | | | | | | | | |
|-----------|-------------|------|-------------|--|--|------------|----------------------|--------------------------|----------------------|
| REVISIONS | | | | TRACE CONSULTANTS, INC. 12485 SW 137 AVENUE, SUITE 207 MIAMI, FLORIDA 33186 TEL. (305) 281-1195 C.A. NO. 29942 ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | TABULATION OF QUANTITIES | SHEET NO. T-2 |
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | | |

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

TABULATION OF QUANTITIES

| PAY ITEM NO. | DESCRIPTION | UNIT | SHEET NUMBERS | | | | | | | | | | | | | | TOTAL THIS SHEET | | GRAND TOTAL | |
|--------------|---|------|---------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------------------|-------|-------------|--|
| | | | T-12 | | T-13 | | T-14 | | T-15 | | T-16 | | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | | |
| | | | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | | |
| 630-2-12 | CONDUIT, F & I, DIRECTIONAL BORE | LF | | | 866 | | | | 789 | | | | | | | | 1655 | | 4746 | |
| 632-7-1 | SIGNAL CABLE, NEW OR RECONSTRUCTED INTERSECTION, F & I | PI | | | 1 | | | | 1 | | | | | | | | 2 | | 6 | |
| 632-7-6 | SIGNAL CABLE, REMOVE INTERSECTION | PI | 1 | | 1 | | 1 | | | | | 1 | | | | | 4 | | 10 | |
| 635-2-11 | PULLBOX, F & I, 13" X 24" COVER SIZE | EA | | | 19 | | | | 18 | | | | | | | | 37 | | 105 | |
| 639-1-122 | ELECTRICAL POWER SERVICE, F & I, UNDERGROUND, METER PURCHASED BY CONTRACTOR | AS | | | 1 | | | | 1 | | | | | | | | 2 | | 6 | |
| 639-2-1 | ELECTRICAL SERVICE WIRE | LF | | | 203 | | | | 269 | | | | | | | | 472 | | 1113 | |
| 639-2-6 | ELECTRICAL SERVICE WIRE, REMOVE | LF | 118 | | 167 | | 83 | | | | | 120 | | | | | 488 | | 1244 | |
| 641-2-12 | PRESTRESSED CONCRETE POLE, F & I, TYPE P-11 SERVICE POLE | EA | | | 1 | | | | 1 | | | | | | | | 2 | | 6 | |
| 646-1-11 | ALUMINUM SIGNALS POLE, PEDESTAL | EA | | | 2 | | | | 2 | | | | | | | | 4 | | 9 | |
| 646-1-60 | ALUMINUM SIGNALS POLE, REMOVE | EA | | | 1 | | 2 | | | | | 2 | | | | | 5 | | 8 | |
| 649-31-101 | MAST ARM, F & I, WIND SPEED-150, SINGLE ARM, W/O LUMINAIRE-36 | EA | | | | | | | | | | | | | | | | | 1 | |
| 649-31-102 | MAST ARM, F & I, WIND SPEED-150, SINGLE ARM, W/O LUMINAIRE-46 | EA | | | 1 | | | | 1 | | | | | | | | 2 | | 3 | |
| 649-31-103 | MAST ARM, F & I, WIND SPEED-150, SINGLE ARM, W/O LUMINAIRE-60 | EA | | | 1 | | | | | | | | | | | | | | 3 | |
| 649-31-104 | MAST ARM, F & I, WIND SPEED-150, SINGLE ARM, W/O LUMINAIRE-70.5 | EA | | | 1 | | | | 1 | | | | | | | | 2 | | 6 | |
| 649-36-300 | MAST ARM, REMOVE SHALLOW FOUNDATION, BOLT ON ATTACHMENT | EA | 3 | | 2 | | 4 | | | | | 2 | | | | | 11 | | 23 | |
| 650-1-14 | TRAFFIC SIGNAL, F & I, ALUMINUM, 3 SECTION, 1 WAY | AS | | | 8 | | | | 8 | | | | | | | | 16 | | 50 | |
| 650-1-18 | TRAFFIC SIGNAL, F & I, ALUMINUM, 5 SECTION STRAIGHT, 1 WAY | AS | | | 1 | | | | 1 | | | | | | | | 2 | | 5 | |
| 650-1-46 | TRAFFIC SIGNAL, F & I, PROGRAMMABLE, 4 SECTION, 1 WAY | AS | | | | | | | | | | | | | | | | | 1 | |
| 653-1-11 | PEDESTRIAN SIGNAL, F & I LED COUNTDOWN, 1 WAY | AS | | | 2 | | | | 2 | | | | | | | | 4 | | 10 | |
| 660-1-109 | LOOP DETECTOR INDUCTIVE, F & I, TYPE 9 | EA | | | 2 | | | | 2 | | | | | | | | 4 | | 11 | |
| 660-2-101 | LOOP ASSEMBLY, F & I, TYPE A | AS | | | 2 | | | | 2 | | | | | | | | 4 | | 11 | |
| 665-1-11 | PEDESTRIAN DETECTOR, F & I, STANDARD | EA | | | 2 | | | | 2 | | | | | | | | 4 | | 10 | |
| 670-5-120 | TRAFFIC CONTROLLER ASSEMBLY, F & I, 170 | AS | | | 1 | | | | 1 | | | | | | | | 2 | | 6 | |
| 670-5-600 | TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET | AS | 1 | | 1 | | 1 | | | | | 1 | | | | | 4 | | 10 | |
| 700-3-201 | SIGN PANEL, F & I, OVERHEAD MOUNT, UP TO 12 SF | EA | | | 1 | | | | 1 | | | | | | | | 2 | | 5 | |
| 700-5-21 | INTERNALLY ILLUMINATED SIGN, F & I, OVERHEAD MOUNT, UP TO 12 SF | EA | | | 2 | | | | 2 | | | | | | | | 4 | | 13 | |

THE CONTRACTOR SHALL CONSTRUCT CONCRETE SLABS AROUND ALL PULL BOXES, MAST ARM POLES, SERVICE POINTS AND ELECTRICAL DEVICES LOCATED IN UNPAVED/GRASS AREA. SEE INDEX 17500 FOR DETAILS AND NOTES. COST OF THE SLAB CONSTRUCTION, INCLUDING REINFORCED STEEL FABRIC, SHALL BE INCLUDED IN THE RELATED PAY ITEMS FOR PULL BOXES; MAST ARM POLES, CONTROLLERS, SERVICE POINTS AND ELECTRICAL DEVICES.

PAY ITEM NOTES:

630-2-12 INCLUDES OPEN TRENCH INSTALLATION UNDER PAVEMENT.

670-5-120 INCLUDES COST OF FURNISHING AND INSTALLATION OF MODEM INSIDE CONTROLLER CABINET.

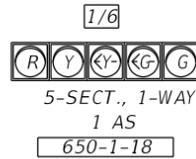
| REVISIONS | | | | TRACE CONSULTANTS, INC. 12485 SW 137 AVENUE, SUITE 207 MIAMI, FLORIDA 33186 TEL. (305) 281-1195 C.A. NO. 29942 ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | TABULATION OF QUANTITIES | SHEET NO. T-3 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|--------------------------|----------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | | |

SIGNALIZATION NOTES:

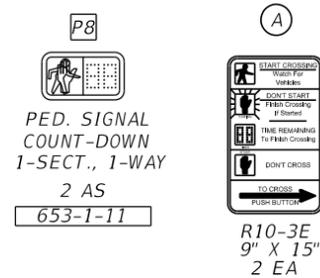
1. THE CONTRACTOR SHALL PERFORM AN INVENTORY OF THE EXISTING INTERSECTIONS PRIOR TO THE BEGINNING OF CONSTRUCTION ACTIVITIES, AND SUBMIT TWO (2) COPIES OF THE INVENTORY REPORT, LISTING ALL OPERABLE AND INOPERABLE SIGNAL ITEMS TO THE ENGINEER. ALL DAMAGED ITEMS SHOULD BE CLEARLY IDENTIFIED IN THE REPORT.
2. GOVERNING STANDARDS AND SPECIFICATIONS FOR SIGNALIZATION ITEMS OF WORK ARE: THE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS, THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE TRAFFIC CONTROL EQUIPMENT SPECIFICATIONS AND STANDARDS FOR THE METRO TRAFFIC CONTROL SYSTEM MIAMI-DADE COUNTY 2000 EDITION; MODIFICATIONS TO TRAFFIC CONTROL EQUIPMENT SPECIFICATIONS AND STANDARDS FOR THE METRO TRAFFIC CONTROL SYSTEM MIAMI-DADE COUNTY 2000 EDITION.
3. ALL ELECTRICAL AND ELECTRONIC EQUIPMENT AND STRUCTURES SHALL COMPLY WITH THE FDOT APL AND THE MIAMI DADE COUNTY QPL.
4. THE SIGNAL-MAINTAINING AGENCY IS:
MIAMI DADE COUNTY PUBLIC WORKS AND WASTE MANAGEMENT DEPARTMENT, TRAFFIC SIGNAL & SIGN DIVISION.
5. THE CONTRACTOR SHALL NOTIFY THE MAINTAINING AGENCY AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE OF ANY WORK TO BE CARRIED OUT AT ANY SIGNAL INSTALLATION.
6. EACH MAST ARM POLE FOUNDATION SHALL INCLUDE TWO SPARE CONDUITS THAT ARE TERMINATED IN THE ASSOCIATED PULL BOX. A MINIMUM OF THREE CONDUITS HAVE TO BE PROVIDED TO EACH POLE.
7. PULL BOXES, MAST ARM FOUNDATIONS AND CONTROLLER FOUNDATIONS SHALL HAVE A MINIMUM 4" CLEARANCE FROM ALL JOINTS AND EDGE OF SIDEWALK. THERE SHALL BE NO EXPANSION MATERIAL AROUND PULL BOXES, MAST ARM FOUNDATIONS AND CONTROLLER FOUNDATIONS.
8. ALL SALVAGEABLE SIGNAL EQUIPMENT THAT ARE REMOVED MUST BE DELIVERED AND UNLOADED AT THE, MIAMI-DADE COUNTY PUBLIC WORKS AND WASTE MANAGEMENT TRAFFIC SIGNALS & SIGNS DIVISION:
7100 N.W. 36TH STREET
MIAMI, FLORIDA 33166
RECEIPTS MUST BE OBTAINED FROM THE ABOVE AGENCY AND SUBMITTED TO THE PROJECT ENGINEER TO RECEIVE PAYMENT FOR REMOVAL ITEMS. COST TO BE INCLUDED IN PAY ITEM 110-86 DELIVERY OF SALVAGEABLE MATERIALS.
9. SIGNAL EQUIPMENT CONSIDERED SALVAGEABLE IS AS FOLLOWS:
CONTROLLERS, CONTROLLER CABINETS, CONTROLLER HARDWARE AND SOFTWARE, FLASHERS, COMMUNICATION DEVICES AND HARDWARE, SIGNAL HEADS, MAST-ARM POLES AND ASSOCIATED HARDWARE, MOUNTED MAST ARM SIGNS, PEDESTRIAN DETECTORS, PEDESTRIAN SIGNAL HEADS. ALL OTHER EQUIPMENT SHALL BE DISPOSED OF AT THE CONTRACTOR'S EXPENSE.
10. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT IN WRITING, NO LESS THAN 14 WORKING DAYS IN ADVANCE OF THE NEED OF ELECTRICAL POWER SERVICE HOOKUPS OF SIGNALIZATION/ STREET LIGHTING FACILITIES. THE CONTRACTOR SHALL SUBMIT A LETTER OF REQUEST ALONG WITH AN AFFIDAVIT OF GENERAL ELECTRICAL WORK, SIGNED AND CERTIFIED BY A MASTER ELECTRICIAN.
11. INSTALLATIONS OF NEW PULL BOXES SHALL BE PERFORMED BY A QUALIFIED ELECTRICAL CONTRACTOR. WHEN NEW PULL BOX IS REPLACING EXISTING PULL BOX, THE CONTRACTOR SHALL ADJUST CONDUITS AND CABLES TO FIT THE NEW PULL BOX ELEVATION. COST OF ADJUSTMENTS IS INCLUDED IN THE PULL BOX PAY ITEM.
10. THE CONTRACTOR SHALL RESPOND TO ALL TROUBLE CALL DISPATCHES AND REPORTED MALFUNCTIONS OF TRAFFIC SIGNAL WITHIN (2) HOURS. CLEAR DISPATCHES WITH THE TRAFFIC CONTROL CENTER (TCC) OPERATOR OR TIMING ENGINEER AT 305 592-8925 EXT. 248.
11. THE CONTRACTOR SHALL NOTIFY THE MIAMI DADE PUBLIC WORK AND WASTE MANAGEMENT DEPARTMENT, TRAFFIC SIGNAL & SIGN DIVISION DAILY, VIA E-MAIL AND FAX 305 477-6422, OF THE SIGNAL AND ELECTRICAL WORK LOCATIONS. ALL THE DAILY E-MAILS AND FAXES SHALL BE SENT BETWEEN 7:00 AM AND 8:00 AM.
12. GALVANIZED STEEL COUPLINGS AND FITTINGS WHEN INSTALLED IN DIRECT CONTACT WITH THE SOIL OR IN CONCRETE SHALL BE COATED WITH A PROTECTIVE ANTICORROSION PAINT, ASPHALT COMPOUND, OR OTHER EQUIVALENT PROTECTION TO HELP PREVENT DETERIORATION.

| REVISIONS | | | | TRACE CONSULTANTS, INC. 12485 SW 137 AVENUE, SUITE 207 MIAMI, FLORIDA 33186 TEL. (305) 281-1195 C.A. NO. 29942 ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SIGNALIZATION NOTES | SHEET NO. |
|-----------|-------------|------|-------------|--|--|--------|----------------------|---------------------|----------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | | SR A1A | MIAMI-DADE | | 434773-1-52-01 |

SIGNAL HEAD DETAILS



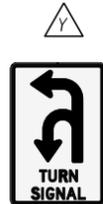
PEDESTRIAN SIGNAL HEAD DETAIL



SIGN DETAILS

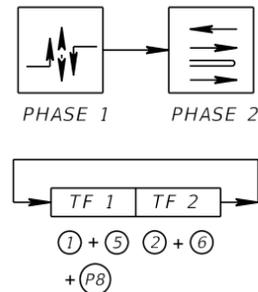


SIGN 1 (72" X 24")
700-5-21 2 EA



SIGN 7 (24" X 36")
700-3-201 1 EA

S.O.P



DETECTORS FOR LOOPS

| LOOP | NO. OF LOOPS | NO. OF NEW DETS. | NO. OF EXIST. DETS. | DELAY TIME (SEC) |
|------|--------------|------------------|---------------------|------------------|
| L-1 | 1 | 1 | | |
| L-5 | 1 | 1 | | |
| | | | | |
| | | | | |

SIGNAL OPERATION

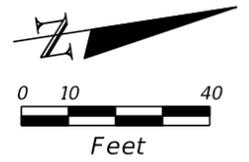
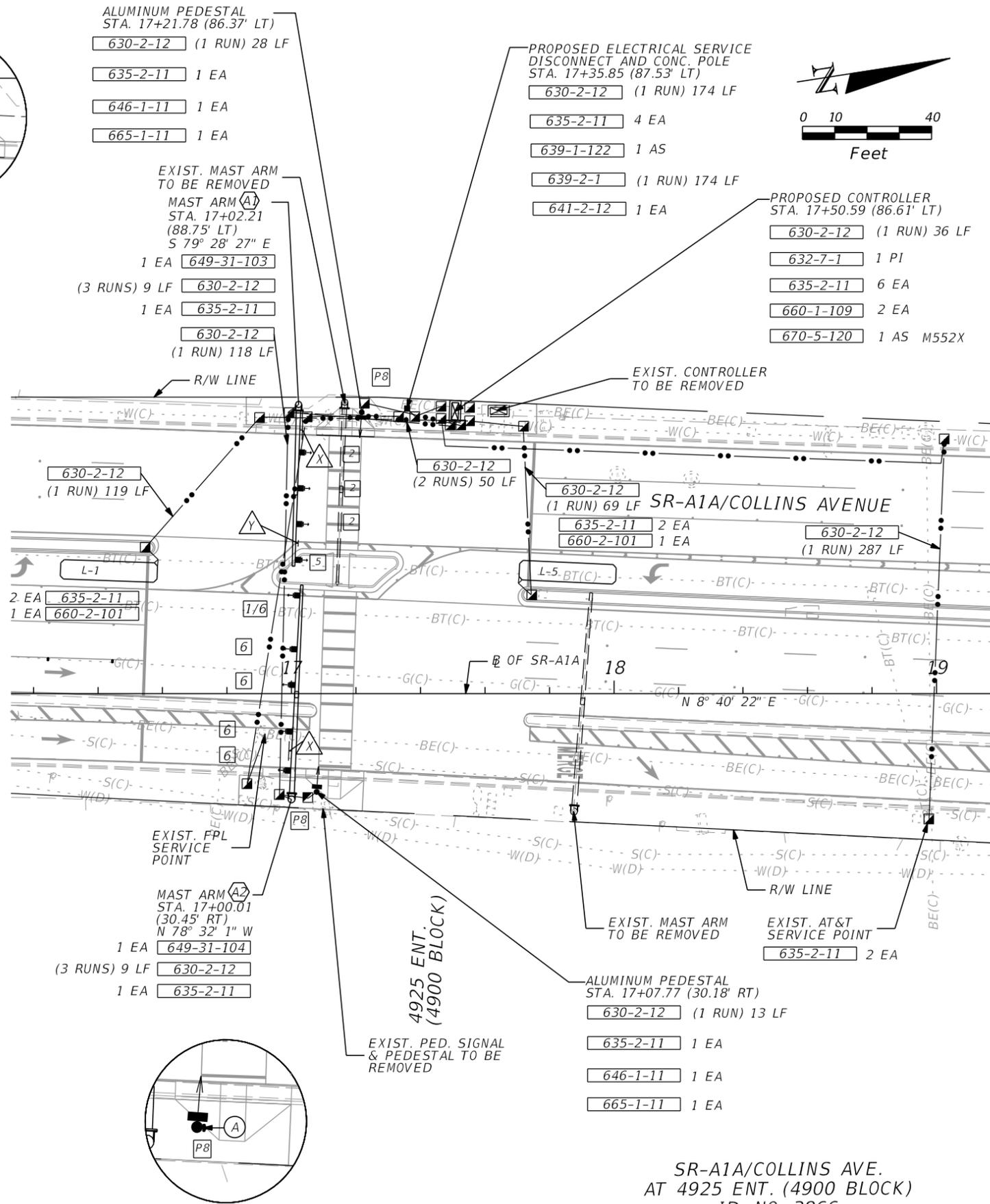
1. MAJOR STREET: SR-A1A/COLLINS AVE.
2. S.O.P. AS SHOWN
3. PHASE 1 IS ACTUATED AND PHASE 2 IS RECALL

NOTES

1. ALL PEDESTRIAN SIGNAL HEADS SHALL ALIGN WITH CENTER OF FAR SIDED CORRESPONDING CROSSWALK.
2. SIGNAL TIMING TO BE PROVIDED BY MIAMI-DADE COUNTY PUBLIC WORKS & WASTE MANAGEMENT, TRAFFIC SIGNALS & SIGNS DIVISION.
3. DIMENSIONS FOR PROPOSED TRAFFIC LOOPS SHALL BE 6' X 30'.

REMOVAL ITEMS

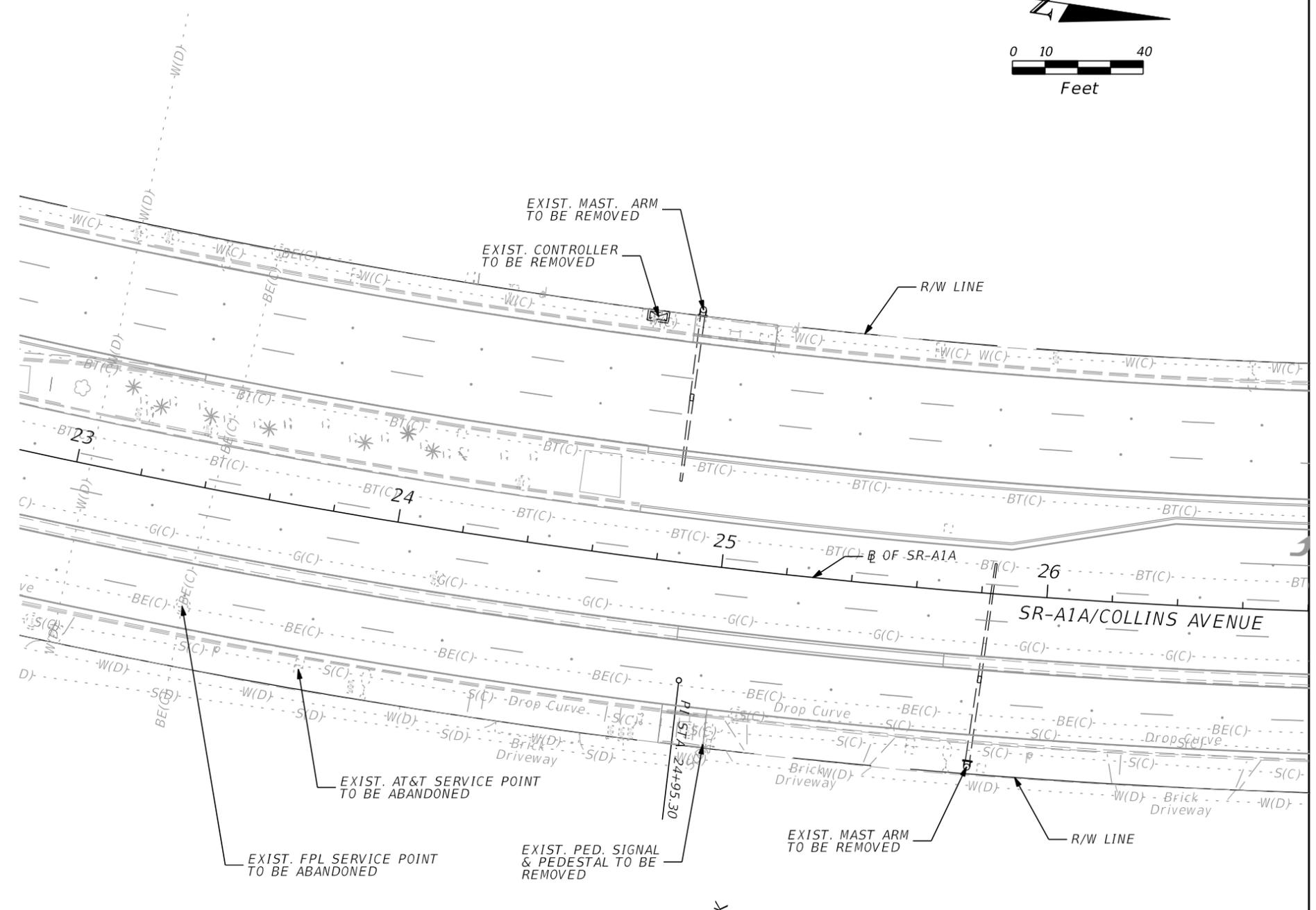
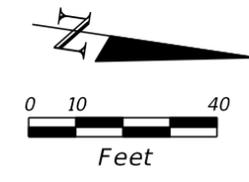
- 632-7-6 1 PI
- 639-2-6 123 LF
- 646-1-60 1 EA
- 649-36-300 2 EA
- 670-5-600 1 AS



SR-A1A/COLLINS AVE.
AT 4925 ENT. (4900 BLOCK)
ID. NO. 3866

| REVISIONS | | | | TRACE CONSULTANTS, INC. 12485 SW 137 AVENUE, SUITE 207 MIAMI, FLORIDA 33186 TEL. (305) 281-1195 C.A. NO. 29942 ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. T-5 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|----------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | SIGNALIZATION PLANS |

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



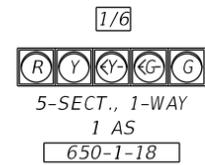
- REMOVAL ITEMS**
- 632-7-6 1 PI
 - 639-2-6 171 LF
 - 646-1-60 1 EA
 - 649-36-300 2 EA
 - 670-5-600 1 AS

SR-A1A/COLLINS AVE.
 AT 5055 ENT. (5000 BLOCK)
 ID. NO. 3690
 (REMOVAL)

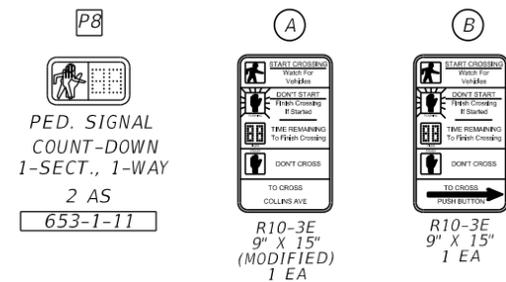
| REVISIONS | | DATE | DESCRIPTION | TRACE CONSULTANTS, INC. 12485 SW 137 AVENUE, SUITE 207 MIAMI, FLORIDA 33186 TEL. (305) 281-1195 C.A. NO. 29942 ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SIGNALIZATION PLANS | SHEET NO. T-6 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|----------------------------|-------------------------|
| DATE | DESCRIPTION | | | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | | |

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



PEDESTRIAN SIGNAL HEAD DETAIL



DETECTORS FOR LOOPS

| LOOP | NO. OF LOOPS | NO. OF NEW DETS. | NO. OF EXIST. DETS. | DELAY TIME (SEC) |
|------|--------------|------------------|---------------------|------------------|
| L-1 | 1 | 1 | | |
| L-5 | 1 | 1 | | |
| | | | | |
| | | | | |

SIGNAL OPERATION

1. MAJOR STREET: SR-A1A/COLLINS AVE.
2. S.O.P. AS SHOWN
3. PHASE 1 IS ACTUATED AND PHASE 2 IS RECALL

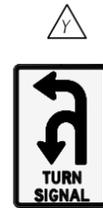
NOTES

1. ALL PEDESTRIAN SIGNAL HEADS SHALL ALIGN WITH CENTER OF FAR SIDED CORRESPONDING CROSSWALK.
2. SIGNAL TIMING TO BE PROVIDED BY MIAMI-DADE COUNTY PUBLIC WORKS & WASTE MANAGEMENT, TRAFFIC SIGNALS & SIGNS DIVISION.
3. DIMENSIONS FOR PROPOSED TRAFFIC LOOPS SHALL BE 6' X 30'.

SIGN DETAILS

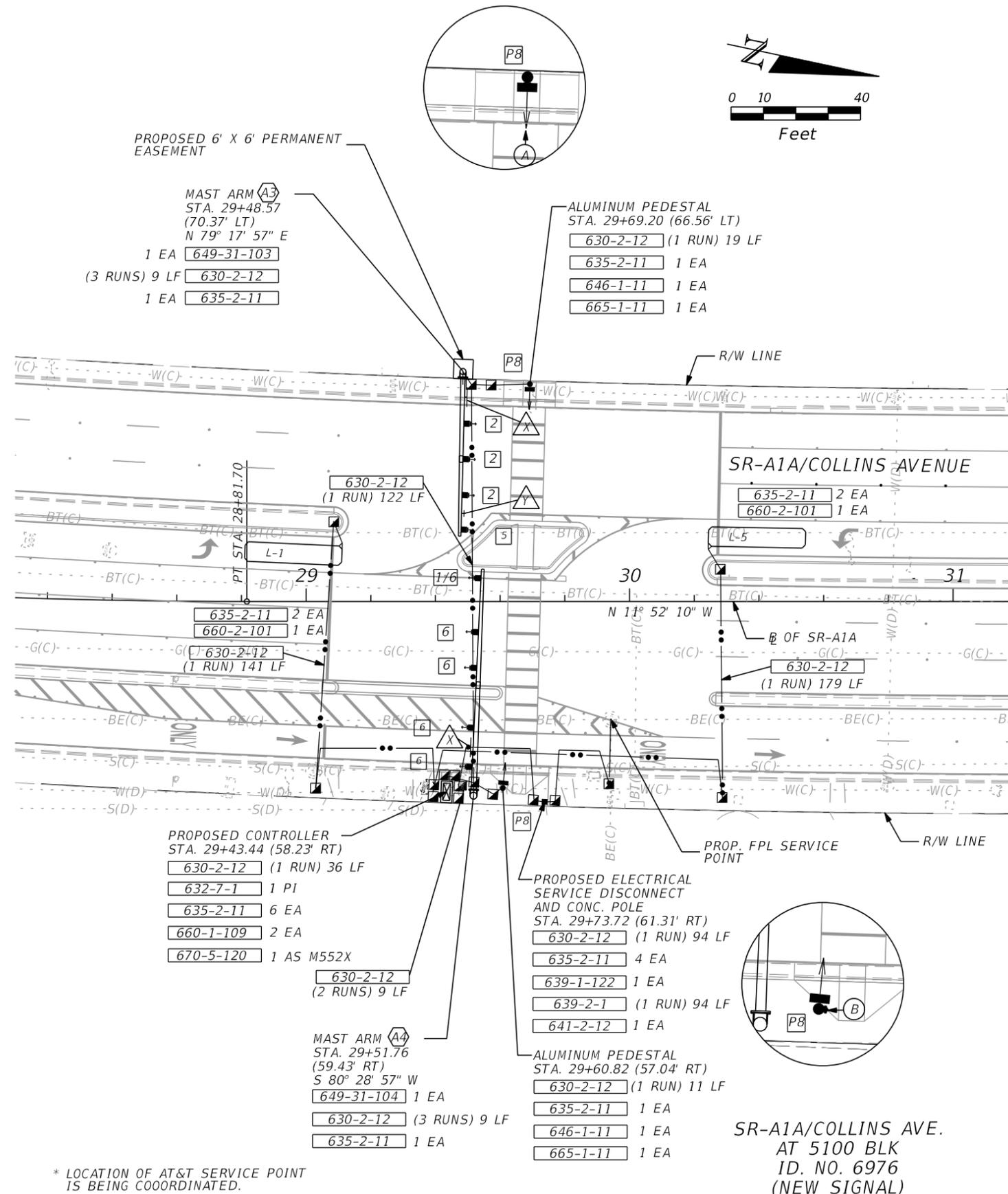
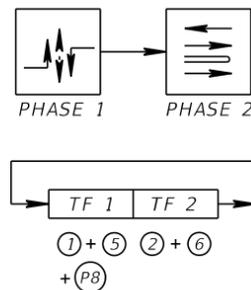


SIGN 2 (72" X 24")
700-5-21 2 EA



SIGN 7 (24" X 36")
700-3-201 1 EA

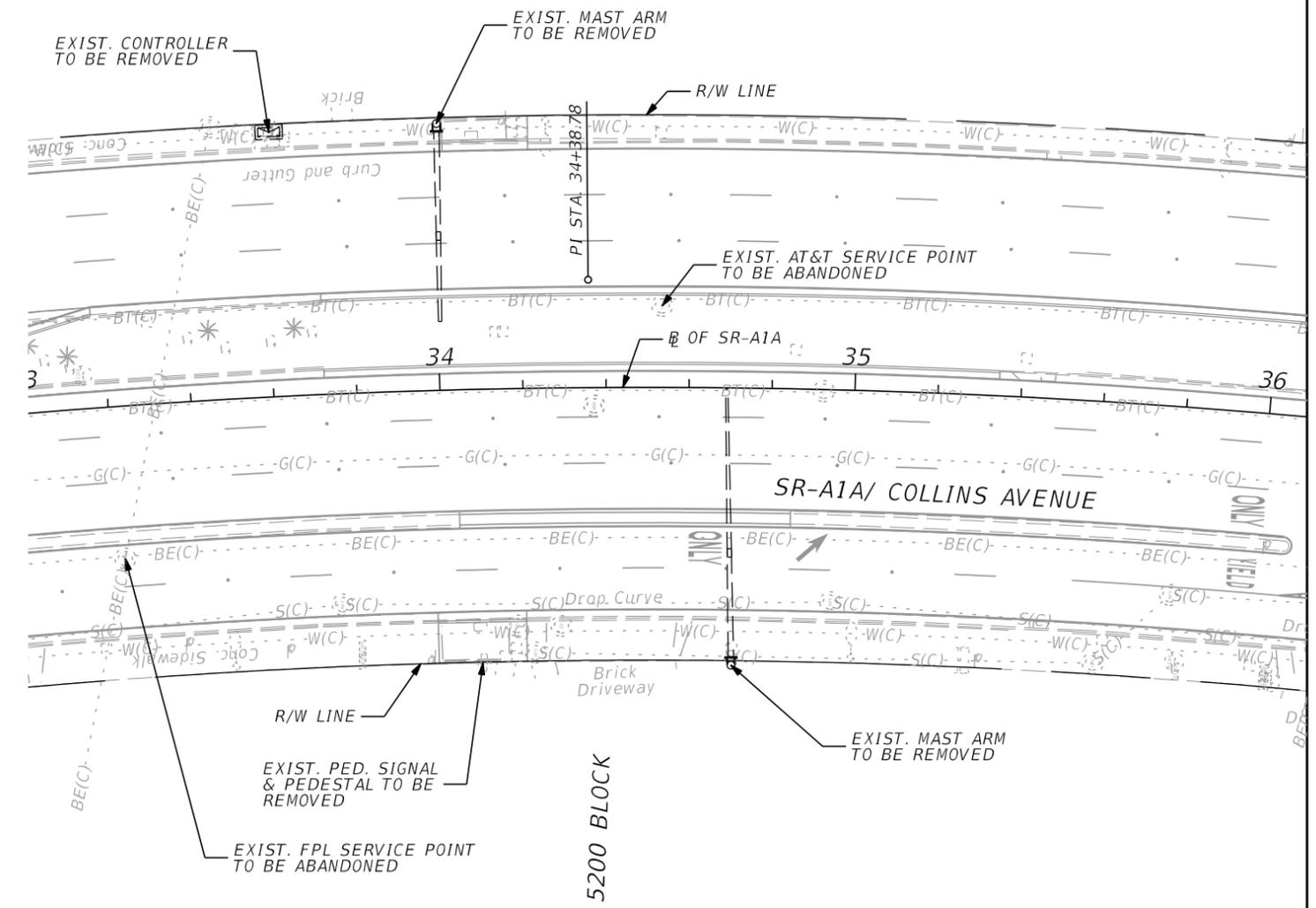
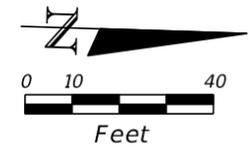
S.O.P



* LOCATION OF AT&T SERVICE POINT IS BEING COORDINATED.

| REVISIONS | | | | TRACE CONSULTANTS, INC. 12485 SW 137 AVENUE, SUITE 207 MIAMI, FLORIDA 33186 TEL. (305) 281-1195 C.A. NO. 29942 ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. T-7 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|----------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | |

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



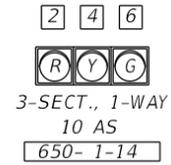
- REMOVAL ITEMS**
- 632-7-6 1 PI
 - 639-2-6 108 LF
 - 646-1-60 1 EA
 - 649-36-300 2 EA
 - 670-5-600 1 AS

SR-A1A/ COLLINS AVE.
 AT 5225 ENT. (5200 BLOCK)
 ID. NO. 3702
 (REMOVAL)

| REVISIONS | | | | TRACE CONSULTANTS, INC. 12485 SW 137 AVENUE, SUITE 207 MIAMI, FLORIDA 33186 TEL. (305) 281-1195 C.A. NO. 29942 ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SIGNALIZATION PLANS | SHEET NO. T-8 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|----------------------------|-------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | | |

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



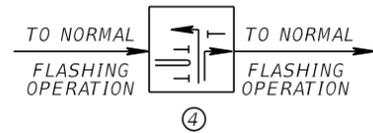
S.O.P



TF 1

②+⑥

PREEMPTION S.O.P



SIGNAL OPERATION

1. MAJOR STREET: SR-A1A/COLLINS AVE.
MINOR STREET: FIRE STATION DRIVEWAY
2. S.O.P. AS SHOWN
3. PHASE 1 IS RECALL AND PREEMPTION PHASE IS ACTUATED.
4. FLASHING OPERATIONS:
MOVEMENT 2 & 6 YELLOW
MOVEMENT 4 RED

NOTES

1. SIGNAL TIMING TO BE PROVIDED BY MIAMI-DADE COUNTY PUBLIC WORKS & WASTE MANAGEMENT, TRAFFIC SIGNALS & SIGNS DIVISION.

SIGN DETAILS



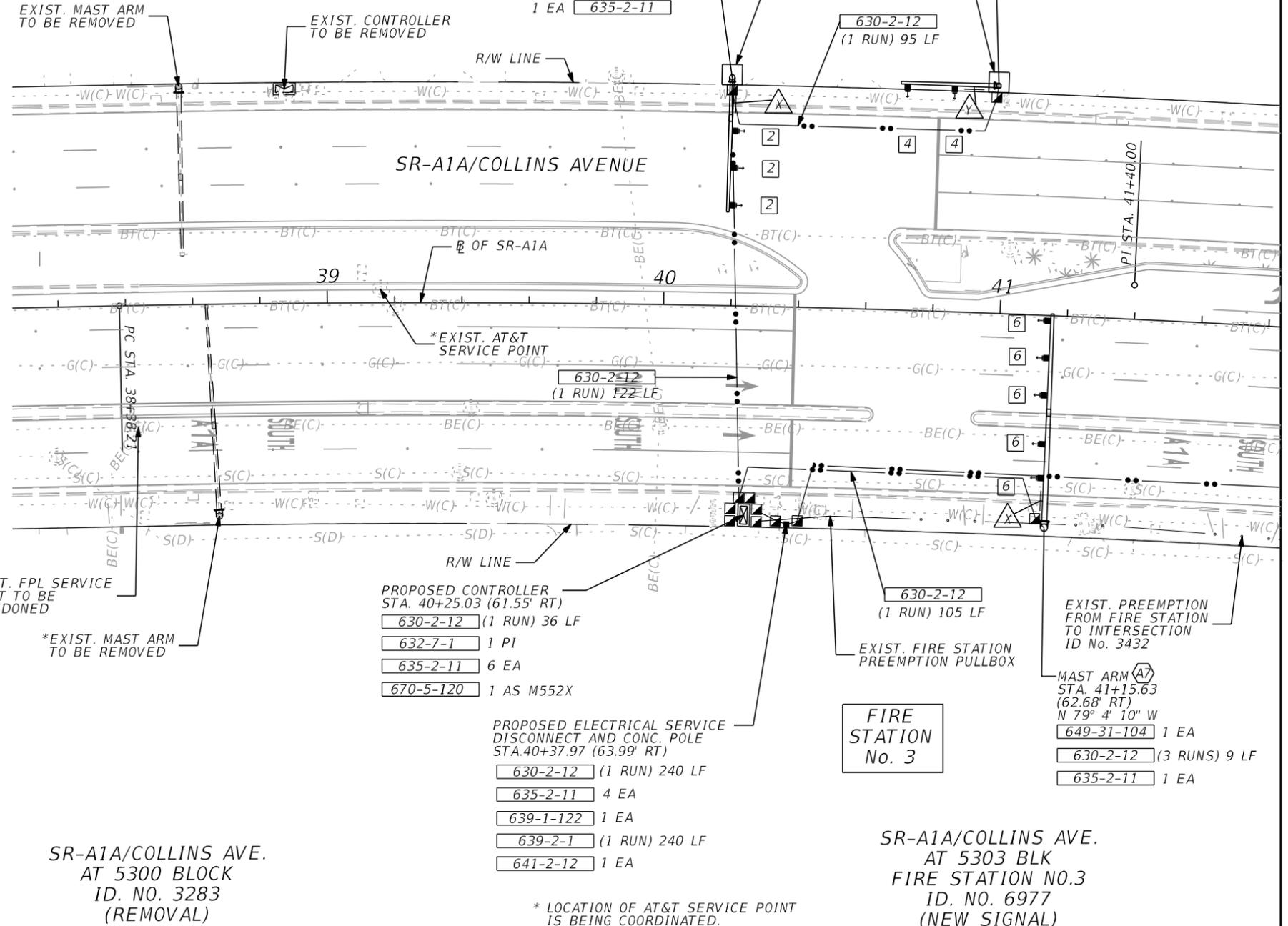
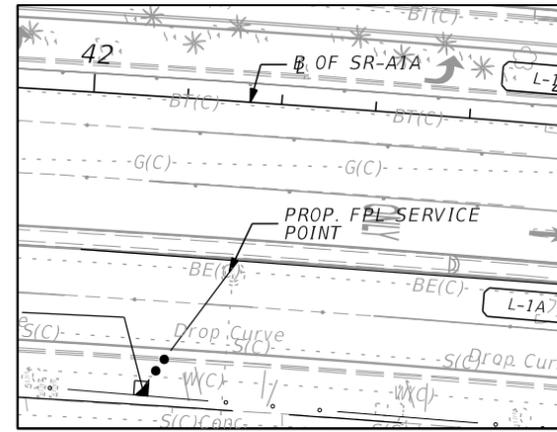
SIGN 3 (72" X 24")
700-5-21 2 EA



SIGN 8 (72" X 24")
700-5-21 1 EA

REMOVAL ITEMS

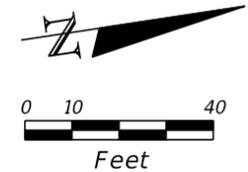
- 632-7-6 1 PI
- 639-2-6 109 LF
- 649-36-300 2 EA
- 670-5-600 1 AS



SR-A1A/COLLINS AVE.
AT 5300 BLOCK
ID. NO. 3283
(REMOVAL)

SR-A1A/COLLINS AVE.
AT 5303 BLK
FIRE STATION NO.3
ID. NO. 6977
(NEW SIGNAL)

* LOCATION OF AT&T SERVICE POINT IS BEING COORDINATED.



| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

TRACE CONSULTANTS, INC.
12485 SW 137 AVENUE, SUITE 207
MIAMI, FLORIDA 33186
TEL. (305) 281-1195
C.A. NO. 29942
ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

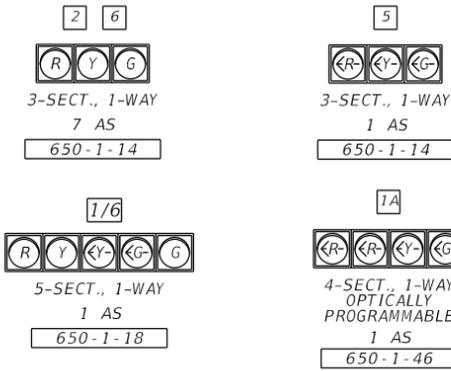
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR A1A | MIAMI-DADE | 434773-1-52-01 |

SIGNALIZATION PLANS

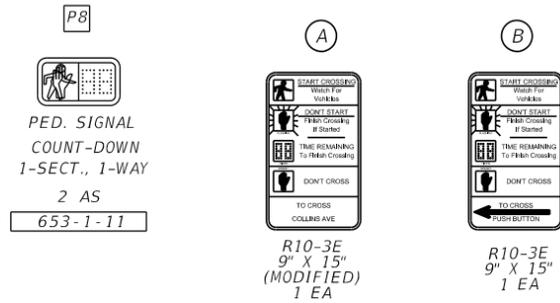
SHEET NO.
T-9

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



PEDESTRIAN SIGNAL HEAD DETAIL



DETECTORS FOR LOOPS

| LOOP | NO. OF LOOPS | NO. OF NEW DETS. | NO. OF EXIST. DETS. | DELAY TIME (SEC) |
|------|--------------|------------------|---------------------|------------------|
| L-1 | 1 | 1 | | |
| L-5 | 1 | 1 | | |
| L-1A | 1 | 1 | | |

SIGNAL OPERATION

- MAJOR STREET: SR-A1A/COLLINS AVE.
- S.O.P. AS SHOWN
- PHASES 1, 2 AND PREEMPTION ARE ACTUATED AND PHASE 3 IS RECALL

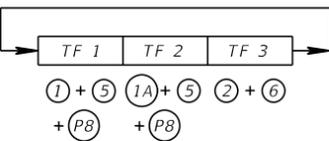
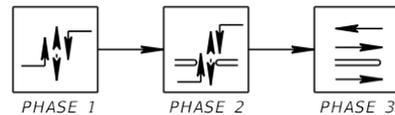
NOTES

- ALL PEDESTRIAN SIGNAL HEADS SHALL ALIGN WITH CENTER OF FAR SIDED CORRESPONDING CROSSWALK.
- SIGNAL TIMING TO BE PROVIDED BY MIAMI-DADE COUNTY PUBLIC WORKS & WASTE MANAGEMENT, TRAFFIC SIGNALS & SIGNS DIVISION.
- DIMENSIONS FOR PROPOSED TRAFFIC LOOPS SHALL BE 6' X 30'.

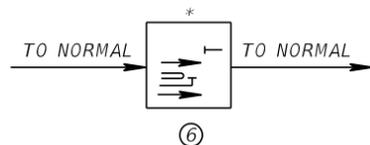
SIGN DETAILS



S.O.P



PREEMPTION S.O.P

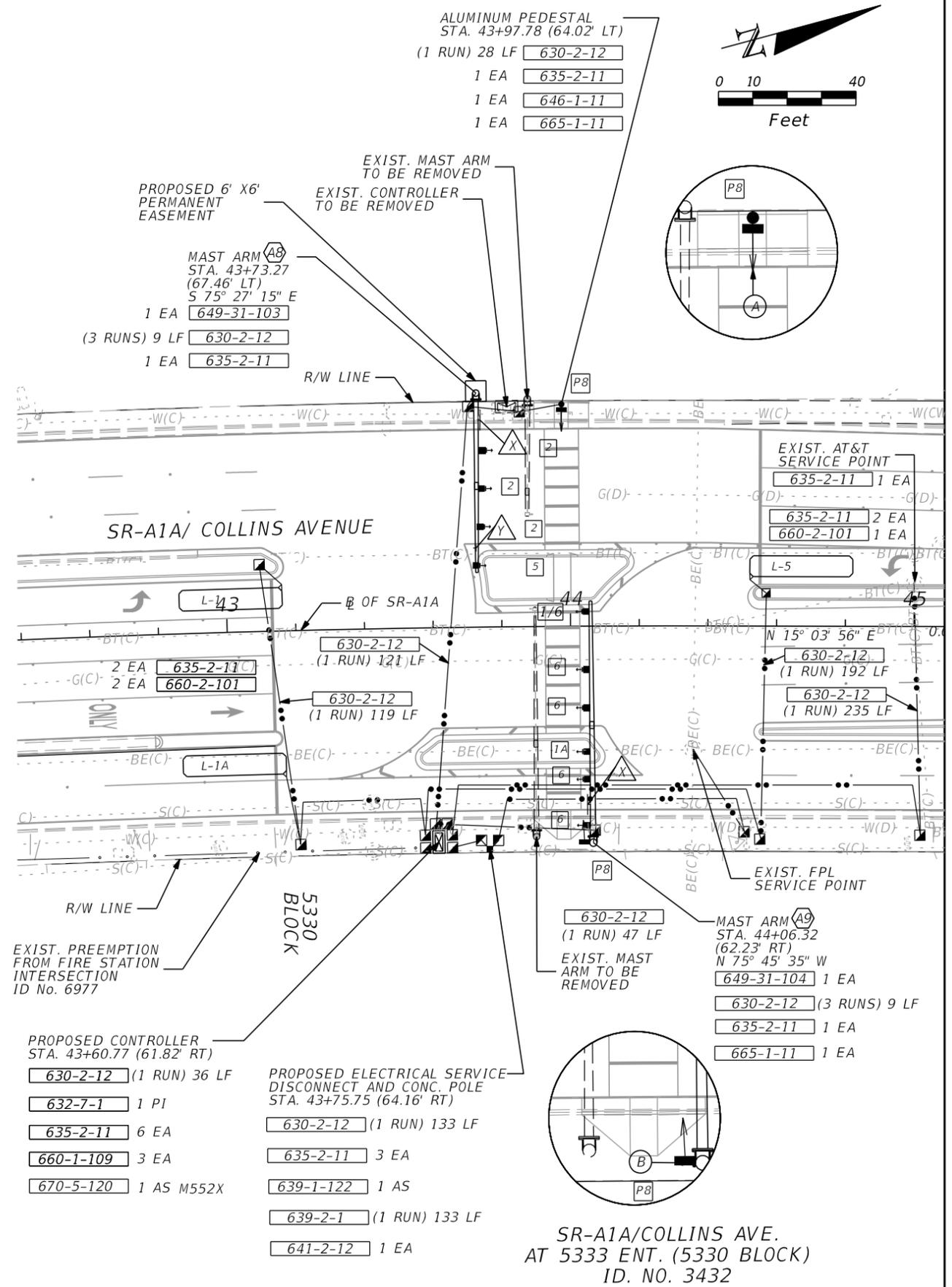
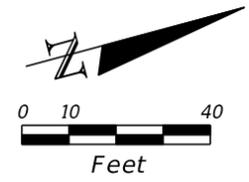


* TO BE USED WITH PREEMPTION OF INTERSECTION ID No. 6977

REMOVAL ITEMS

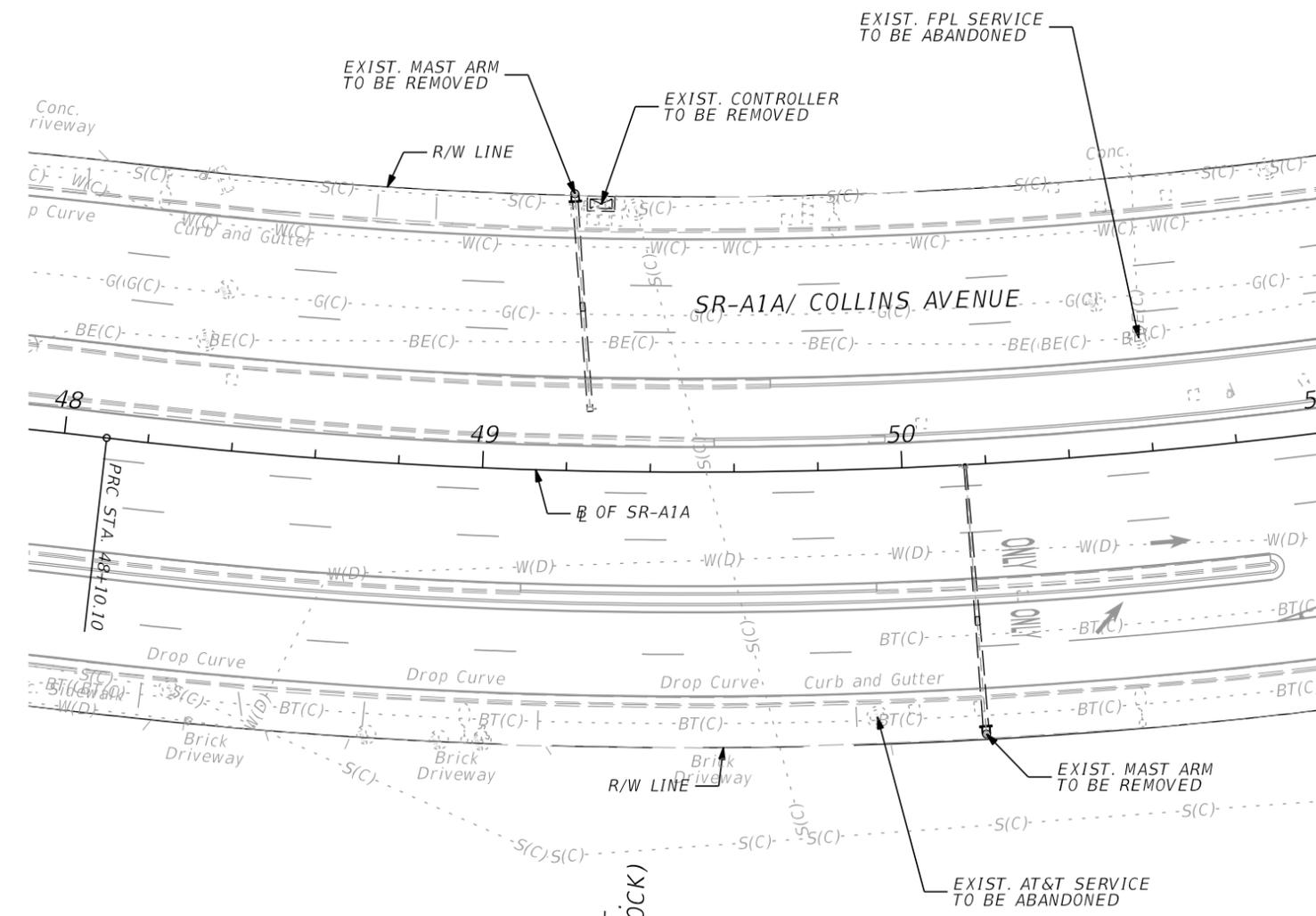
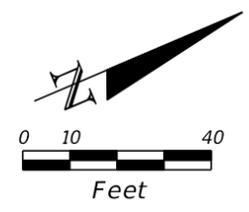
- 632-7-6 1 PI
- 639-2-6 113 LF
- 649-36-300 2 EA
- 670-5-600 1 AS

- ALUMINUM PEDESTAL STA. 43+97.78 (64.02' LT)
- (1 RUN) 28 LF 630-2-12
- 1 EA 635-2-11
- 1 EA 646-1-11
- 1 EA 665-1-11



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

| REVISIONS | | | | TRACE CONSULTANTS, INC. 12485 SW 137 AVENUE, SUITE 207 MIAMI, FLORIDA 33186 TEL. (305) 281-1195 C.A. NO. 29942 ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SIGNALIZATION PLANS | SHEET NO. T-10 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|---------------------|-------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR A1A | MIAMI-DADE | 4347731-52-01 | | |

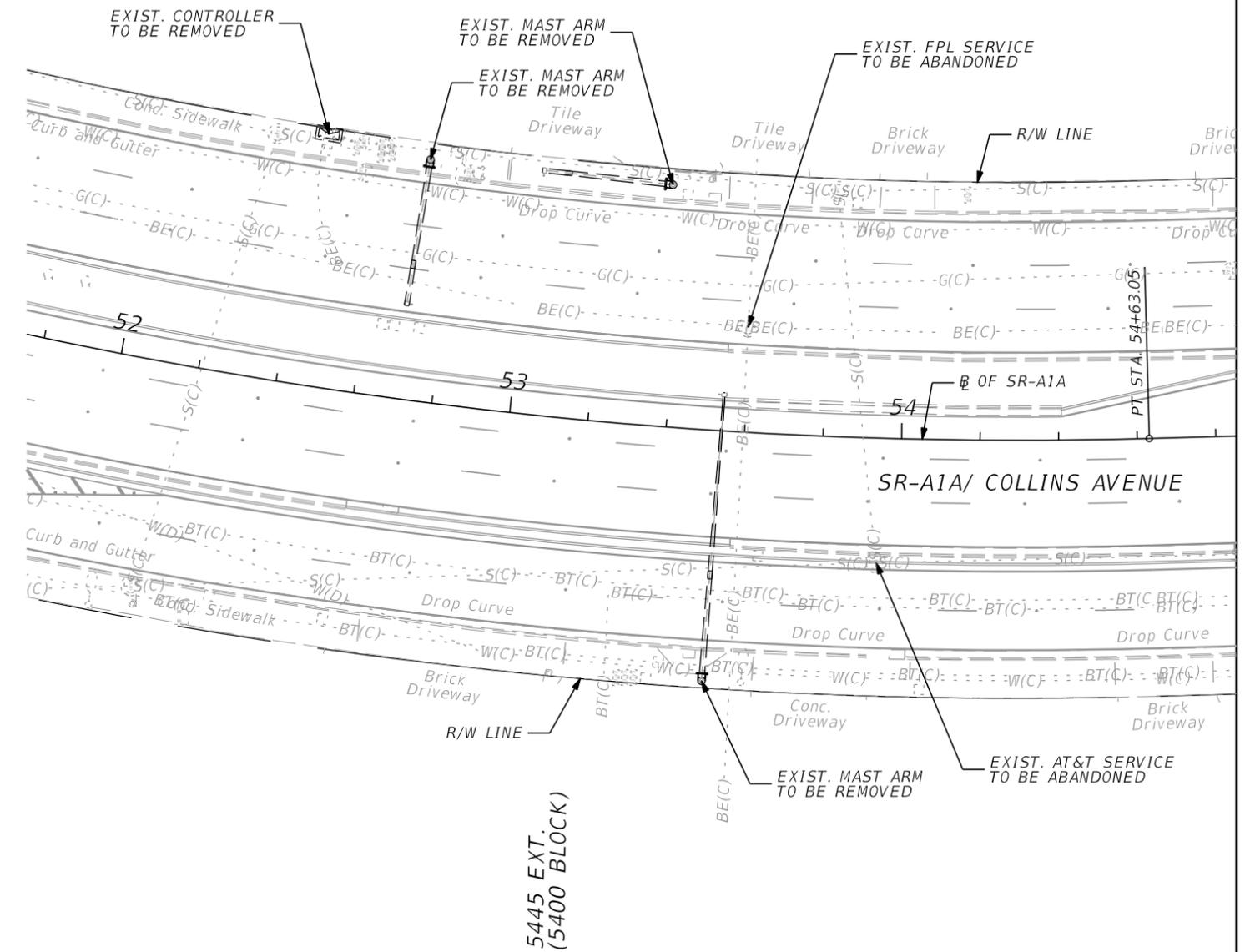
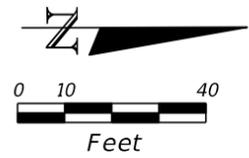


- REMOVAL ITEMS**
- 632-7-6 1 PI
 - 639-2-6 132 LF
 - 649-36-300 2 EA
 - 670-5-600 1 AS

SR-A1A/ COLLINS AVE.
 AT 5445 ENT. (5400 BLOCK)
 ID. NO. 3439
 (REMOVAL)

| REVISIONS | | | | TRACE CONSULTANTS, INC. 12485 SW 137 AVENUE, SUITE 207 MIAMI, FLORIDA 33186 TEL. (305) 281-1195 C.A. NO. 29942 ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SIGNALIZATION PLANS | SHEET NO. T-11 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|---------------------|-----------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | | |

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



REMOVAL ITEMS

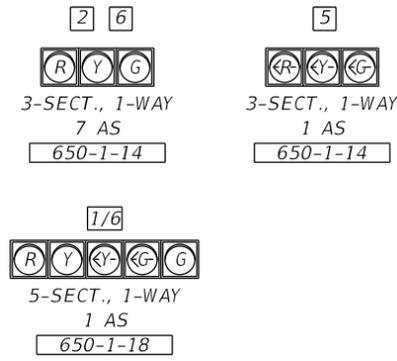
- 632-7-6 1 PI
- 639-2-6 118 LF
- 649-36-300 3 EA
- 670-5-600 1 AS

SR-A1A/COLLINS AVE.
 AT 5445 EXT. (5400 BLOCK)
 ID. NO. 3438
 (REMOVAL)

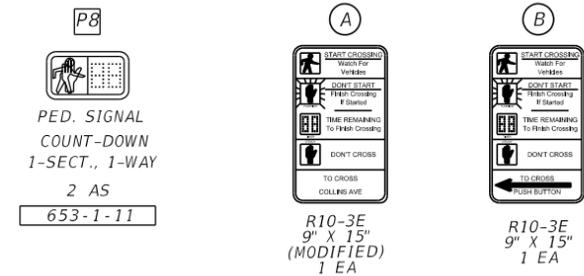
| REVISIONS | | DATE | DESCRIPTION | TRACE CONSULTANTS, INC. 12485 SW 137 AVENUE, SUITE 207 MIAMI, FLORIDA 33186 TEL. (305) 281-1195 C.A. NO. 29942 ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. |
|-----------|-------------|------|-------------|--|--|------------|----------------------|-----------|
| DATE | DESCRIPTION | | | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | |

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



PEDESTRIAN SIGNAL HEAD DETAIL



| DETECTORS FOR LOOPS | | | | |
|---------------------|--------------|------------------|---------------------|------------------|
| LOOP | NO. OF LOOPS | NO. OF NEW DETS. | NO. OF EXIST. DETS. | DELAY TIME (SEC) |
| L-1 | 1 | 1 | | |
| L-5 | 1 | 1 | | |
| | | | | |
| | | | | |

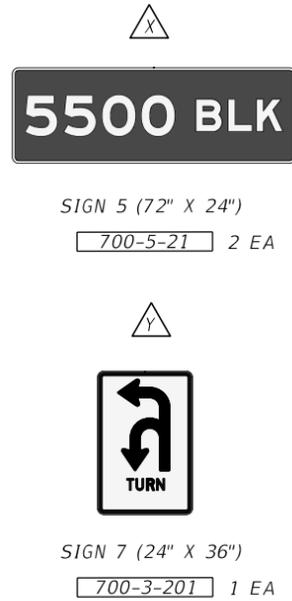
SIGNAL OPERATION

- MAJOR STREET: SR-A1A/COLLINS AVE.
- S.O.P. AS SHOWN
- PHASE 1 IS ACTUATED AND PHASE 2 IS RECALL

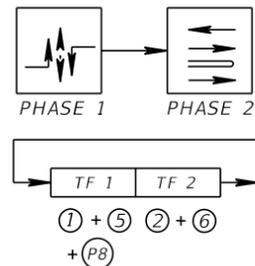
NOTES

- ALL PEDESTRIAN SIGNAL HEADS SHALL ALIGN WITH CENTER OF FAR SIDED CORRESPONDING CROSSWALK.
- SIGNAL TIMING TO BE PROVIDED BY MIAMI-DADE COUNTY PUBLIC WORKS & WASTE MANAGEMENT, TRAFFIC SIGNALS & SIGNS DIVISION.
- DIMENSIONS FOR PROPOSED TRAFFIC LOOPS SHALL BE 6' X 30'.

SIGN DETAILS

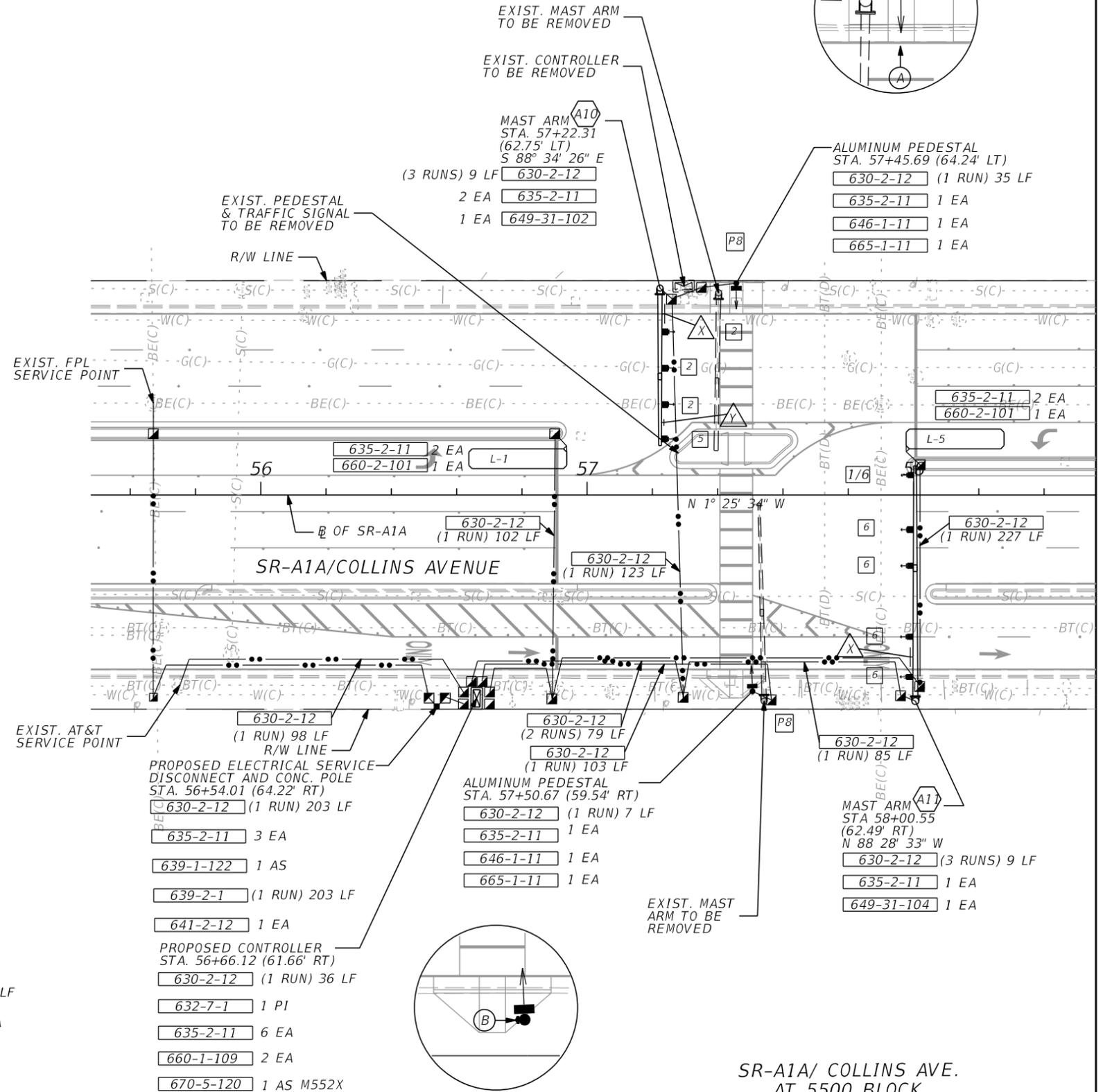
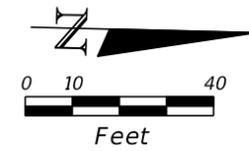


S.O.P



REMOVAL ITEMS

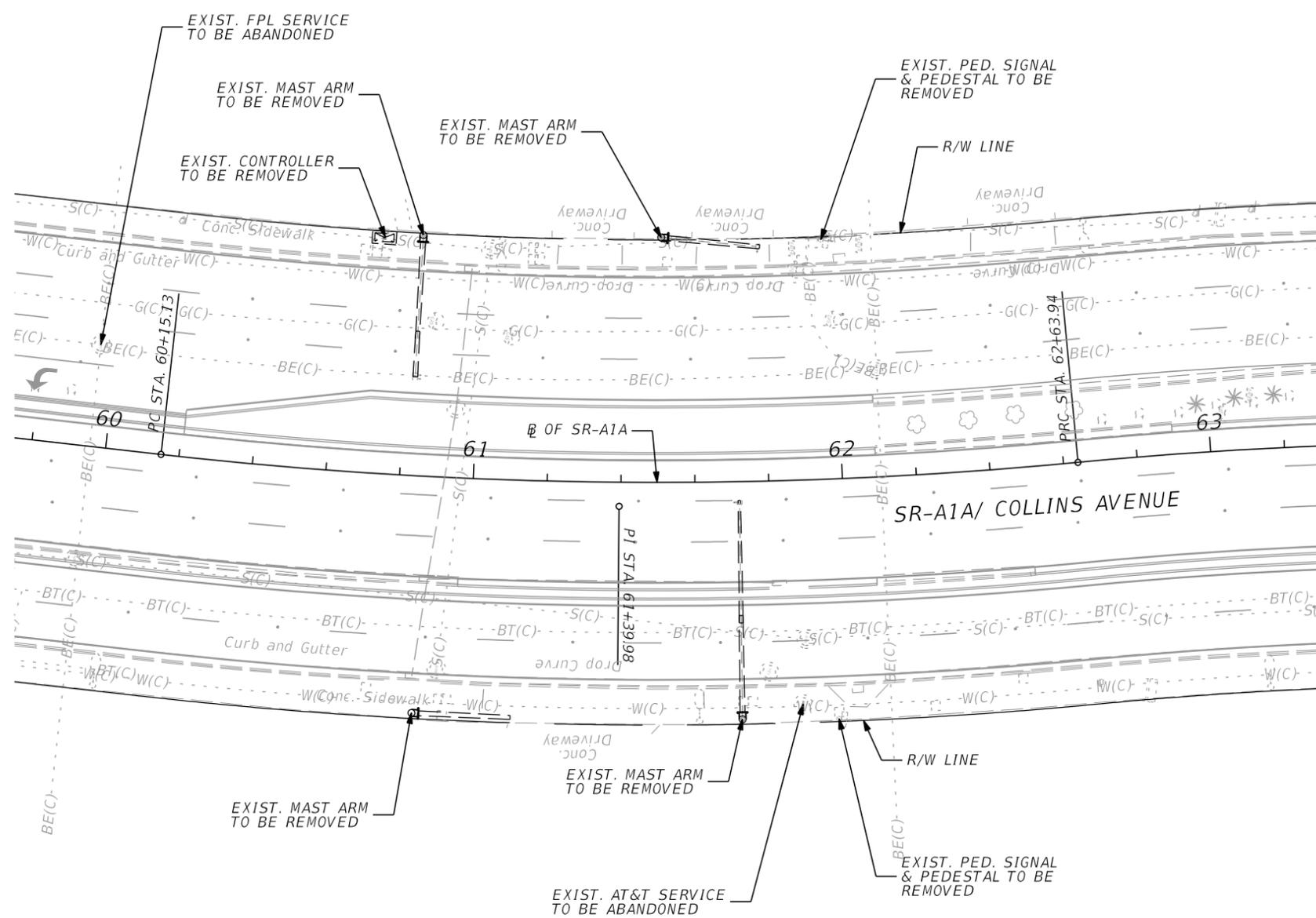
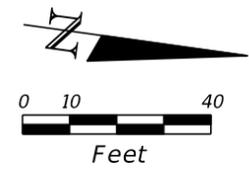
- 632-7-6 1 PI
- 639-2-6 167 LF
- 646-1-60 1 EA
- 649-36-300 2 EA
- 670-5-600 1 AS



SR-A1A/ COLLINS AVE.
AT 5500 BLOCK
ID. NO. 3433

| REVISIONS | | | | TRACE CONSULTANTS, INC. 12485 SW 137 AVENUE, SUITE 207 MIAMI, FLORIDA 33186 TEL. (305) 281-1195 C.A. NO. 29942 ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. T-13 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|----------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | SIGNALIZATION PLANS |

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



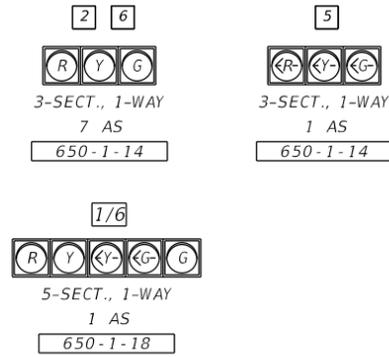
- REMOVAL ITEMS**
- 632-7-6 1 PI
 - 639-2-6 83 LF
 - 646-1-60 2 EA
 - 649-36-300 4 EA
 - 670-5-600 1 AS

SR-A1A/COLLINS AVE.
 AT 5600 BLOCK
 ID. NO. 3434
 (REMOVAL)

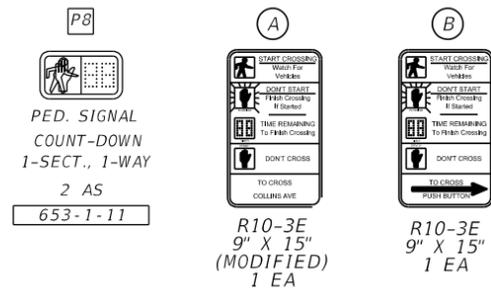
| REVISIONS | | | | TRACE CONSULTANTS, INC. 12485 SW 137 AVENUE, SUITE 207 MIAMI, FLORIDA 33186 TEL. (305) 281-1195 C.A. NO. 29942 ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SIGNALIZATION PLANS | SHEET NO. T-14 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|----------------------------|--------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | | |

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



PEDESTRIAN SIGNAL HEAD DETAIL



DETECTORS FOR LOOPS

| LOOP | NO. OF LOOPS | NO. OF NEW DETS. | NO. OF EXIST. DETS. | DELAY TIME (SEC) |
|------|--------------|------------------|---------------------|------------------|
| L-1 | 1 | 1 | | |
| L-5 | 1 | 1 | | |
| | | | | |
| | | | | |

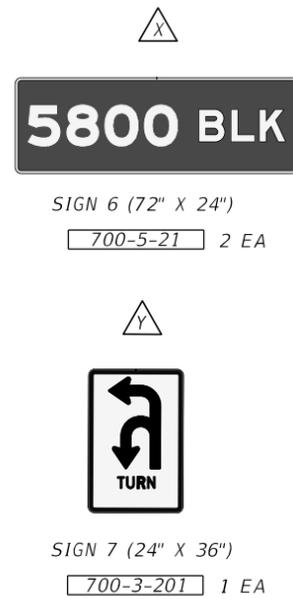
SIGNAL OPERATION

- MAJOR STREET: SR-A1A/COLLINS AVE.
- S.O.P. AS SHOWN
- PHASE 1 IS ACTUATED AND PHASE 2 IS RECALL

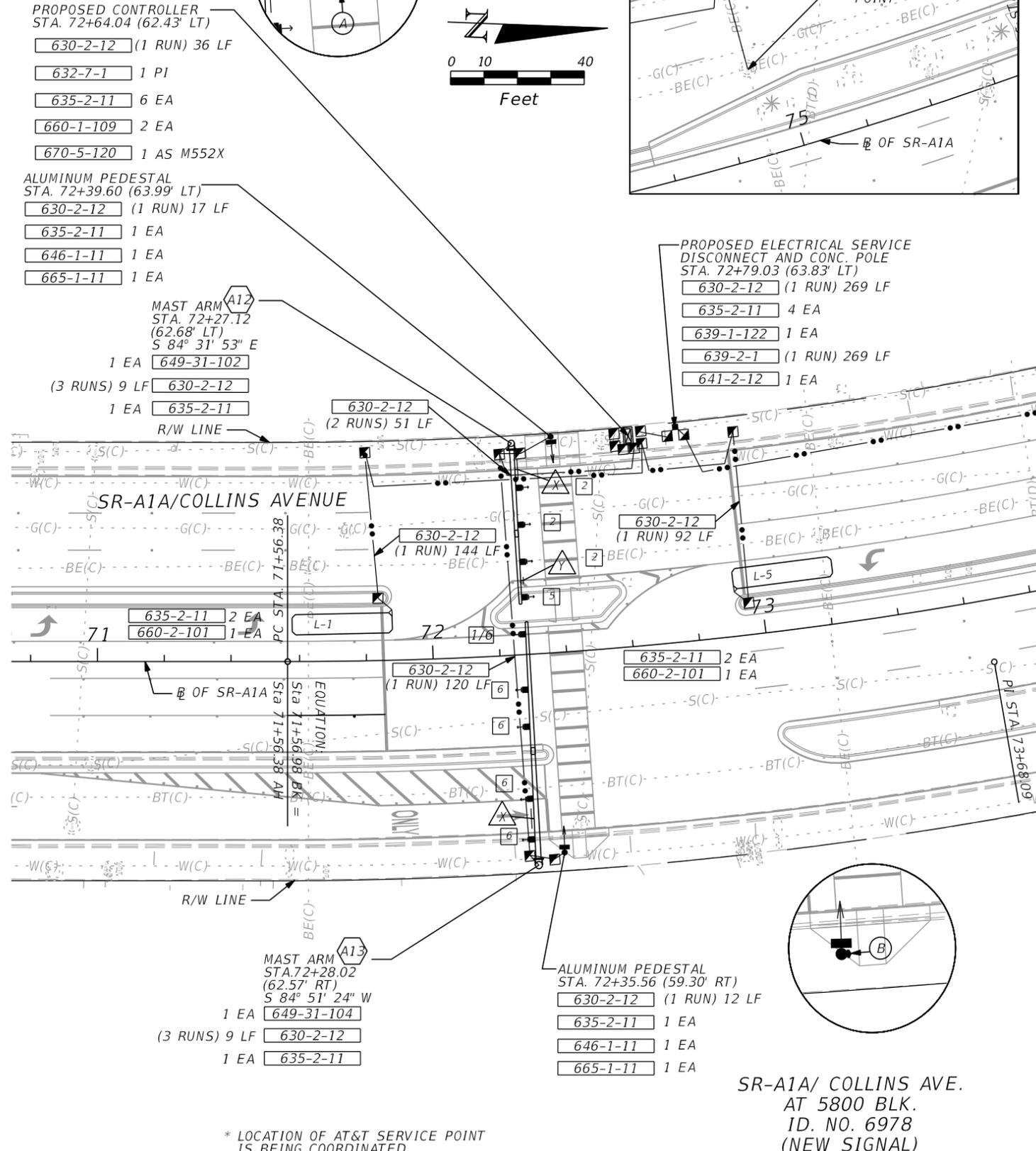
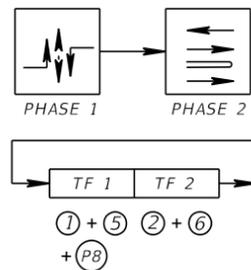
NOTES

- ALL PEDESTRIAN SIGNAL HEADS SHALL ALIGN WITH CENTER OF FAR SIDED CORRESPONDING CROSSWALK.
- SIGNAL TIMING TO BE PROVIDED BY MIAMI-DADE COUNTY PUBLIC WORKS & WASTE MANAGEMENT, TRAFFIC SIGNALS & SIGNS DIVISION.
- DIMENSIONS FOR PROPOSED TRAFFIC LOOPS SHALL BE 6' X 30'.

SIGN DETAILS

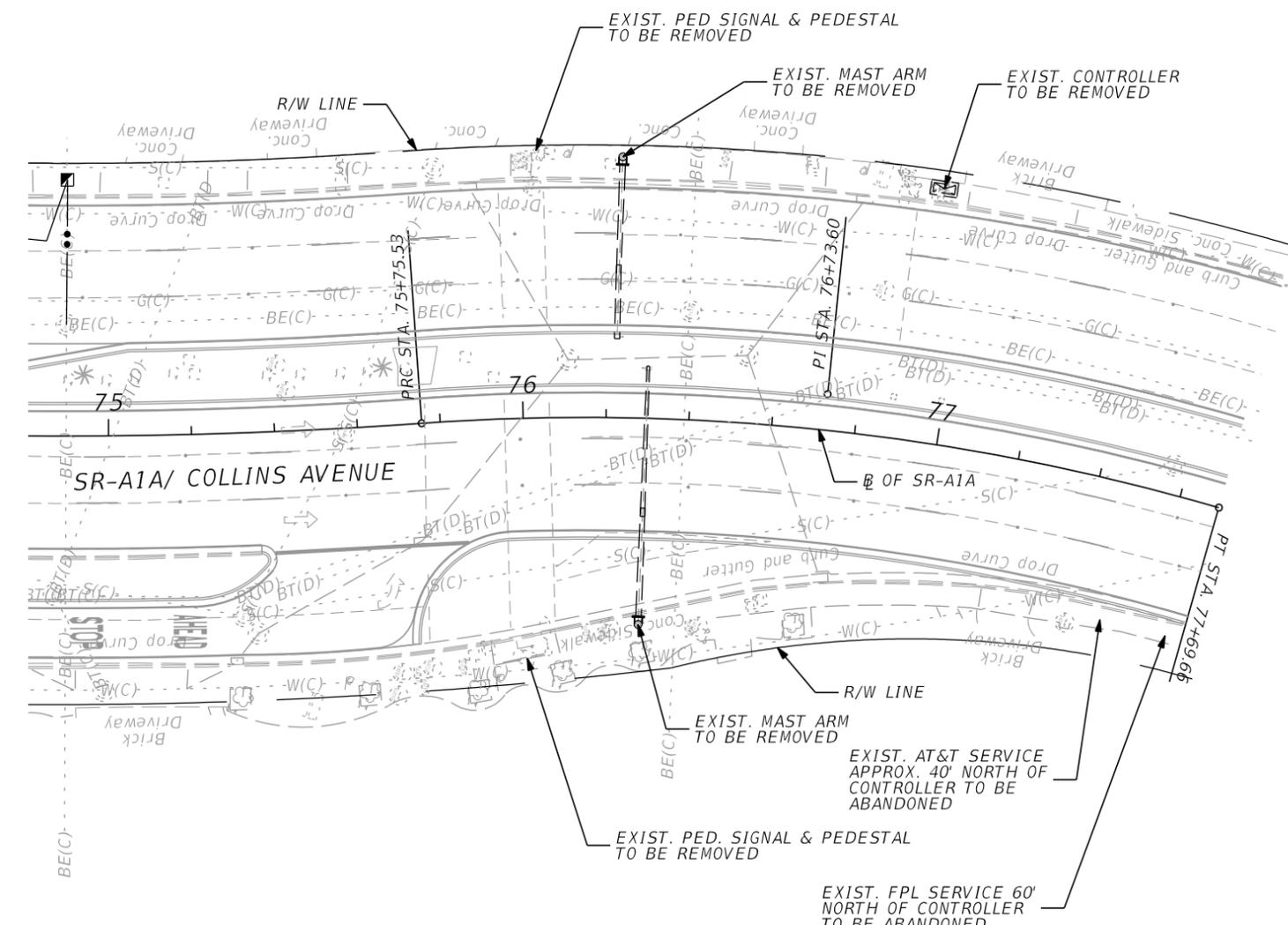
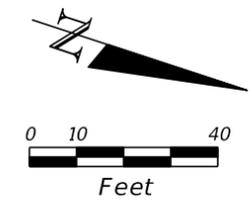


S.O.P



| REVISIONS | | | | TRACE CONSULTANTS, INC. 12485 SW 137 AVENUE, SUITE 207 MIAMI, FLORIDA 33186 TEL. (305) 281-1195 C.A. NO. 29942 ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. T-15 |
|-----------|-------------|------|-------------|--|--|---------------|----------------------------|-----------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | SR A1A | MIAMI-DADE | 4347731-52-01 | SIGNALIZATION PLANS | |

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



REMOVAL ITEMS

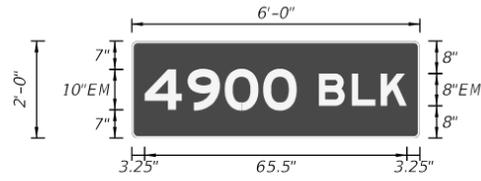
| | |
|------------|--------|
| 632-7-6 | 1 PI |
| 639-2-6 | 120 LF |
| 646-1-60 | 2 EA |
| 649-36-300 | 2 EA |
| 670-5-600 | 1 AS |

SR-A1A/COLLINS AVE.
AT 5875 BLOCK
ID. NO. 3923
(REMOVAL)

| REVISIONS | | | | TRACE CONSULTANTS, INC. 12485 SW 137 AVENUE, SUITE 207 MIAMI, FLORIDA 33186 TEL. (305) 281-1195 C.A. NO. 29942 ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SIGNALIZATION PLANS | SHEET NO. T-16 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|---------------------|--------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | | |

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

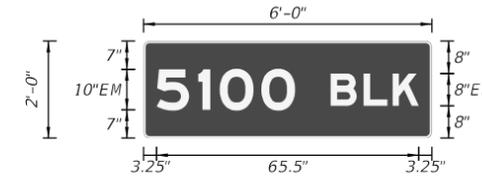
| | | | | | |
|-------------|-----------------|------------------------|-------------|----------------|------------|
| SIGN NAME | SIGN 1 | QTY | 2 | SIGN NUMBER | STATION(S) |
| PANEL | BORDER | | | | |
| WIDTH | 6'-0" | WIDTH | 0.5" | | |
| HEIGHT | 2'-0" | RADII | 1.5" | | |
| LEGEND | White | COLOR | White | | |
| COLOR | Green | | | | |
| SYMBOL(S) | ANGLE | X | Y | WID | HT |
| | | | | | |
| | | | | | |
| | | | | | |
| SIGN NUMBER | NUMBER OF POSTS | CLEARANCE Edge Of Lane | COLUMN SIZE | AVERAGE LENGTH | |
| | | | | | |



| | | | | |
|-----------------------|-----------------|-------------------|------|---------|
| NO. OF LIGHT FIXTURES | FIXTURE SPACING | PHOTOMETRIC CURVE | WATT | VOLTAGE |
|-----------------------|-----------------|-------------------|------|---------|

| | | | | | |
|-------|------|----|------|------|----|
| COPY | 4 | 9 | 0 | 0 | L |
| SPACE | 3.2 | 14 | 23.3 | 32.8 | 38 |
| COPY | B | L | K | L | |
| SPACE | 46.8 | 55 | 62.2 | 22 | |
| COPY | | | | | |
| SPACE | | | | | |
| COPY | | | | | |
| SPACE | | | | | |
| COPY | | | | | |
| SPACE | | | | | |
| COPY | | | | | |
| SPACE | | | | | |

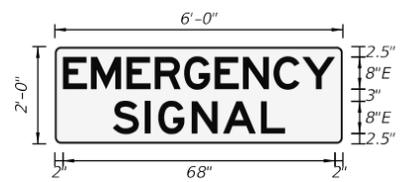
| | | | | | |
|-------------|-----------------|------------------------|-------------|----------------|------------|
| SIGN NAME | SIGN 2 | QTY | 2 | SIGN NUMBER | STATION(S) |
| PANEL | BORDER | | | | |
| WIDTH | 6'-0" | WIDTH | 0.5" | | |
| HEIGHT | 2'-0" | RADII | 1.5" | | |
| LEGEND | White | COLOR | White | | |
| COLOR | Green | | | | |
| SYMBOL(S) | ANGLE | X | Y | WID | HT |
| | | | | | |
| | | | | | |
| | | | | | |
| SIGN NUMBER | NUMBER OF POSTS | CLEARANCE Edge Of Lane | COLUMN SIZE | AVERAGE LENGTH | |
| | | | | | |



| | | | | |
|-----------------------|-----------------|-------------------|------|---------|
| NO. OF LIGHT FIXTURES | FIXTURE SPACING | PHOTOMETRIC CURVE | WATT | VOLTAGE |
|-----------------------|-----------------|-------------------|------|---------|

| | | | | | |
|-------|------|------|------|------|------|
| COPY | 5 | 1 | 0 | 0 | L |
| SPACE | 3.2 | 13.6 | 19 | 29.4 | 34.6 |
| COPY | B | L | K | L | |
| SPACE | 46.8 | 55 | 62.2 | 22 | |
| COPY | | | | | |
| SPACE | | | | | |
| COPY | | | | | |
| SPACE | | | | | |
| COPY | | | | | |
| SPACE | | | | | |
| COPY | | | | | |
| SPACE | | | | | |

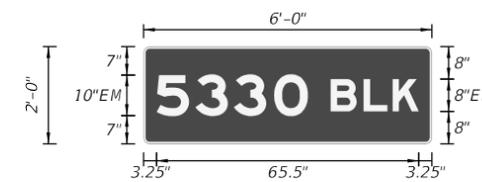
| | | | | | |
|-------------|-----------------|------------------------|-------------|----------------|------------|
| SIGN NAME | SIGN 3 | QTY | 2 | SIGN NUMBER | STATION(S) |
| PANEL | BORDER | | | | |
| WIDTH | 6'-0" | WIDTH | 0.5" | | |
| HEIGHT | 2'-0" | RADII | 1.5" | | |
| LEGEND | Black | COLOR | Black | | |
| COLOR | White | | | | |
| SYMBOL(S) | ANGLE | X | Y | WID | HT |
| | | | | | |
| | | | | | |
| | | | | | |
| SIGN NUMBER | NUMBER OF POSTS | CLEARANCE Edge Of Lane | COLUMN SIZE | AVERAGE LENGTH | |
| | | | | | |



| | | | | |
|-----------------------|-----------------|-------------------|------|---------|
| NO. OF LIGHT FIXTURES | FIXTURE SPACING | PHOTOMETRIC CURVE | WATT | VOLTAGE |
|-----------------------|-----------------|-------------------|------|---------|

| | | | | | | | | | | |
|-------|------|------|------|------|------|------|----|------|------|----|
| COPY | E | M | E | R | G | E | N | C | Y | L |
| SPACE | 2 | 9.1 | 17.9 | 25 | 32.3 | 40 | 47 | 54.7 | 61.9 | 68 |
| COPY | S | I | G | N | A | L | L | | | |
| SPACE | 14.5 | 22.6 | 25.9 | 34.2 | 42 | 51.6 | 43 | | | |
| COPY | | | | | | | | | | |
| SPACE | | | | | | | | | | |
| COPY | | | | | | | | | | |
| SPACE | | | | | | | | | | |
| COPY | | | | | | | | | | |
| SPACE | | | | | | | | | | |

| | | | | | |
|-------------|-----------------|------------------------|-------------|----------------|------------|
| SIGN NAME | SIGN 4 | QTY | 2 | SIGN NUMBER | STATION(S) |
| PANEL | BORDER | | | | |
| WIDTH | 6'-0" | WIDTH | 0.5" | | |
| HEIGHT | 2'-0" | RADII | 1.5" | | |
| LEGEND | White | COLOR | White | | |
| COLOR | White | | | | |
| SYMBOL(S) | ANGLE | X | Y | WID | HT |
| | | | | | |
| | | | | | |
| | | | | | |
| SIGN NUMBER | NUMBER OF POSTS | CLEARANCE Edge Of Lane | COLUMN SIZE | AVERAGE LENGTH | |
| | | | | | |



| | | | | |
|-----------------------|-----------------|-------------------|------|---------|
| NO. OF LIGHT FIXTURES | FIXTURE SPACING | PHOTOMETRIC CURVE | WATT | VOLTAGE |
|-----------------------|-----------------|-------------------|------|---------|

| | | | | | |
|-------|------|------|------|------|------|
| COPY | 5 | 3 | 3 | 0 | L |
| SPACE | 3.2 | 12.9 | 22.5 | 32.6 | 37.8 |
| COPY | B | L | K | L | |
| SPACE | 46.8 | 55 | 62.2 | 22 | |
| COPY | | | | | |
| SPACE | | | | | |
| COPY | | | | | |
| SPACE | | | | | |
| COPY | | | | | |
| SPACE | | | | | |

| REVISIONS | | | | | |
|-----------|----|-------------|------|----|-------------|
| DATE | BY | DESCRIPTION | DATE | BY | DESCRIPTION |
| | | | | | |

TRACE CONSULTANTS, INC.
 12485 SW 137 AVENUE, SUITE 207
 MIAMI, FLORIDA 33186
 TEL. (305) 281-1195
 C.A. NO. 29942
 ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

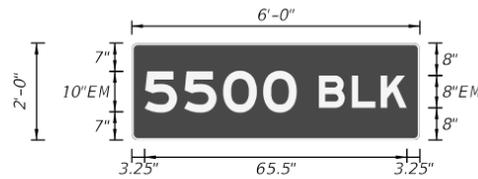
| | | |
|--|------------|----------------------|
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR A/A | MIAMI-DADE | 434773-1-52-01 |

GUIDE SIGN WORKSHEET

SHEET NO.
T-19

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

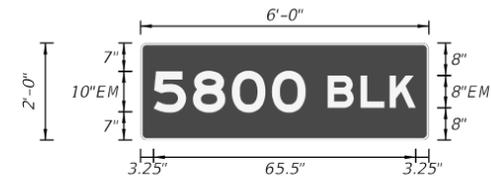
| | | | | | |
|-------------|-----------------|------------------------|-------------|----------------|------------|
| SIGN NAME | SIGN 5 | QTY | 2 | SIGN NUMBER | STATION(S) |
| PANEL | BORDER | | | | |
| WIDTH | 6'-0" | WIDTH | 0.5" | | |
| HEIGHT | 2'-0" | RADII | 1.5" | | |
| LEGEND | White | COLOR | White | | |
| COLOR | Green | | | | |
| SYMBOL(S) | ANGLE | X | Y | WID | HT |
| | | | | | |
| | | | | | |
| | | | | | |
| SIGN NUMBER | NUMBER OF POSTS | CLEARANCE Edge Of Lane | COLUMN SIZE | AVERAGE LENGTH | |
| | | | | | |



| | | | | |
|-----------------------|-----------------|-------------------|------|---------|
| NO. OF LIGHT FIXTURES | FIXTURE SPACING | PHOTOMETRIC CURVE | WATT | VOLTAGE |
| | | | | |

| | | | | | |
|-------|------|------|------|------|----|
| COPY | 5 | 5 | 0 | 0 | L |
| SPACE | 3.2 | 13.1 | 22.9 | 32.8 | 38 |
| COPY | B | L | K | L | |
| SPACE | 46.8 | 55 | 62.2 | 22 | |
| COPY | | | | | |
| SPACE | | | | | |
| COPY | | | | | |
| SPACE | | | | | |
| COPY | | | | | |
| SPACE | | | | | |
| COPY | | | | | |
| SPACE | | | | | |

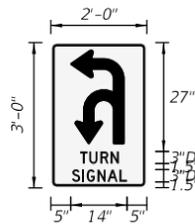
| | | | | | |
|-------------|-----------------|------------------------|-------------|----------------|------------|
| SIGN NAME | SIGN 6 | QTY | 2 | SIGN NUMBER | STATION(S) |
| PANEL | BORDER | | | | |
| WIDTH | 6'-0" | WIDTH | 0.5" | | |
| HEIGHT | 2'-0" | RADII | 1.5" | | |
| LEGEND | White | COLOR | White | | |
| COLOR | Green | | | | |
| SYMBOL(S) | ANGLE | X | Y | WID | HT |
| | | | | | |
| | | | | | |
| | | | | | |
| SIGN NUMBER | NUMBER OF POSTS | CLEARANCE Edge Of Lane | COLUMN SIZE | AVERAGE LENGTH | |
| | | | | | |



| | | | | |
|-----------------------|-----------------|-------------------|------|---------|
| NO. OF LIGHT FIXTURES | FIXTURE SPACING | PHOTOMETRIC CURVE | WATT | VOLTAGE |
| | | | | |

| | | | | | |
|-------|------|------|------|------|----|
| COPY | 5 | 8 | 0 | 0 | L |
| SPACE | 3.2 | 13.1 | 22.8 | 32.8 | 38 |
| COPY | B | L | K | L | |
| SPACE | 46.8 | 55 | 62.2 | 22 | |
| COPY | | | | | |
| SPACE | | | | | |
| COPY | | | | | |
| SPACE | | | | | |
| COPY | | | | | |
| SPACE | | | | | |
| COPY | | | | | |
| SPACE | | | | | |

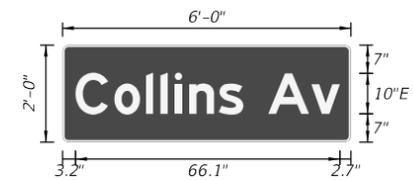
| | | | | | |
|-------------|-----------------|------------------------|-------------|----------------|------------|
| SIGN NAME | SIGN 7 | QTY | 5 | SIGN NUMBER | STATION(S) |
| PANEL | BORDER | | | | |
| WIDTH | 2'-0" | WIDTH | 0.63" | | |
| HEIGHT | 3'-0" | RADII | 1.13" | | |
| LEGEND | Black | COLOR | Black | | |
| COLOR | White | | | | |
| SYMBOL(S) | ANGLE | X | Y | WID | HT |
| Collns_OH | 0 | 5 | 11 | 13.3 | 23.1 |
| | | | | | |
| | | | | | |
| | | | | | |
| SIGN NUMBER | NUMBER OF POSTS | CLEARANCE Edge Of Lane | COLUMN SIZE | AVERAGE LENGTH | |
| | | | | | |



| | | | | |
|-----------------------|-----------------|-------------------|------|---------|
| NO. OF LIGHT FIXTURES | FIXTURE SPACING | PHOTOMETRIC CURVE | WATT | VOLTAGE |
| | | | | |

| | | | | | | | |
|-------|-----|-----|------|------|------|------|------|
| COPY | T | U | R | N | L | | |
| SPACE | 7.3 | 9.6 | 12.4 | 14.9 | 9.7 | | |
| COPY | S | I | G | N | A | L | L |
| SPACE | 5.3 | 7.8 | 9 | 11.7 | 14.2 | 17.2 | 13.7 |
| COPY | | | | | | | |
| SPACE | | | | | | | |
| COPY | | | | | | | |
| SPACE | | | | | | | |
| COPY | | | | | | | |
| SPACE | | | | | | | |

| | | | | | |
|-------------|-----------------|------------------------|-------------|----------------|------------|
| SIGN NAME | SIGN 8 | QTY | 1 | SIGN NUMBER | STATION(S) |
| PANEL | BORDER | | | | |
| WIDTH | 6'-0" | WIDTH | 0.5" | | |
| HEIGHT | 2'-0" | RADII | 1.5" | | |
| LEGEND | White | COLOR | White | | |
| COLOR | Green | | | | |
| SYMBOL(S) | ANGLE | X | Y | WID | HT |
| | | | | | |
| | | | | | |
| | | | | | |
| SIGN NUMBER | NUMBER OF POSTS | CLEARANCE Edge Of Lane | COLUMN SIZE | AVERAGE LENGTH | |
| | | | | | |



| | | | | |
|-----------------------|-----------------|-------------------|------|---------|
| NO. OF LIGHT FIXTURES | FIXTURE SPACING | PHOTOMETRIC CURVE | WATT | VOLTAGE |
| | | | | |

| | | | | | | | | | | | |
|-------|-----|------|------|------|----|------|----|------|------|------|------|
| COPY | C | o | l | l | i | n | s | A | v | L | |
| SPACE | 3.2 | 12.9 | 20.8 | 24.4 | 28 | 31.6 | 39 | 45.1 | 51.4 | 62.2 | 66.1 |
| COPY | | | | | | | | | | | |
| SPACE | | | | | | | | | | | |
| COPY | | | | | | | | | | | |
| SPACE | | | | | | | | | | | |
| COPY | | | | | | | | | | | |
| SPACE | | | | | | | | | | | |
| COPY | | | | | | | | | | | |
| SPACE | | | | | | | | | | | |

| REVISIONS | | | | | |
|-----------|----|-------------|------|----|-------------|
| DATE | BY | DESCRIPTION | DATE | BY | DESCRIPTION |
| | | | | | |

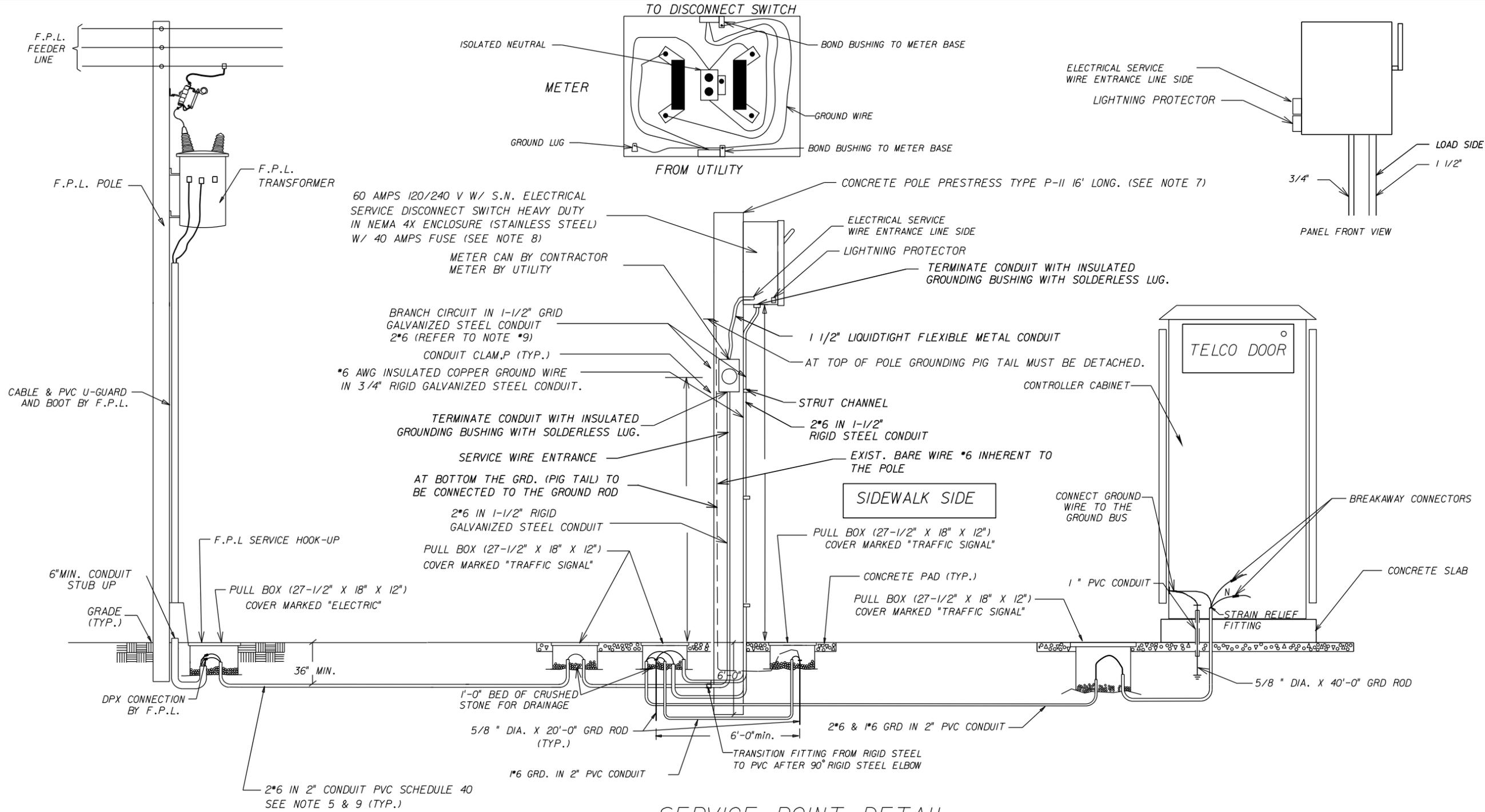
TRACE CONSULTANTS, INC.
 12485 SW 137 AVENUE, SUITE 207
 MIAMI, FLORIDA 33186
 TEL. (305) 281-1195
 C.A. NO. 29942
 ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448

| | | |
|--|------------|----------------------|
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR A/A | MIAMI-DADE | 434773-1-52-01 |

GUIDE SIGN WORKSHEET

SHEET NO.
T-20

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



SERVICE POINT DETAIL

N.T.S

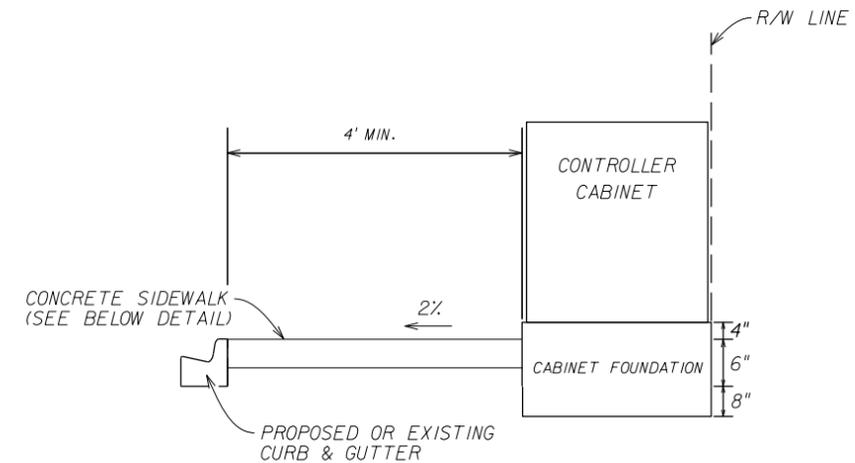
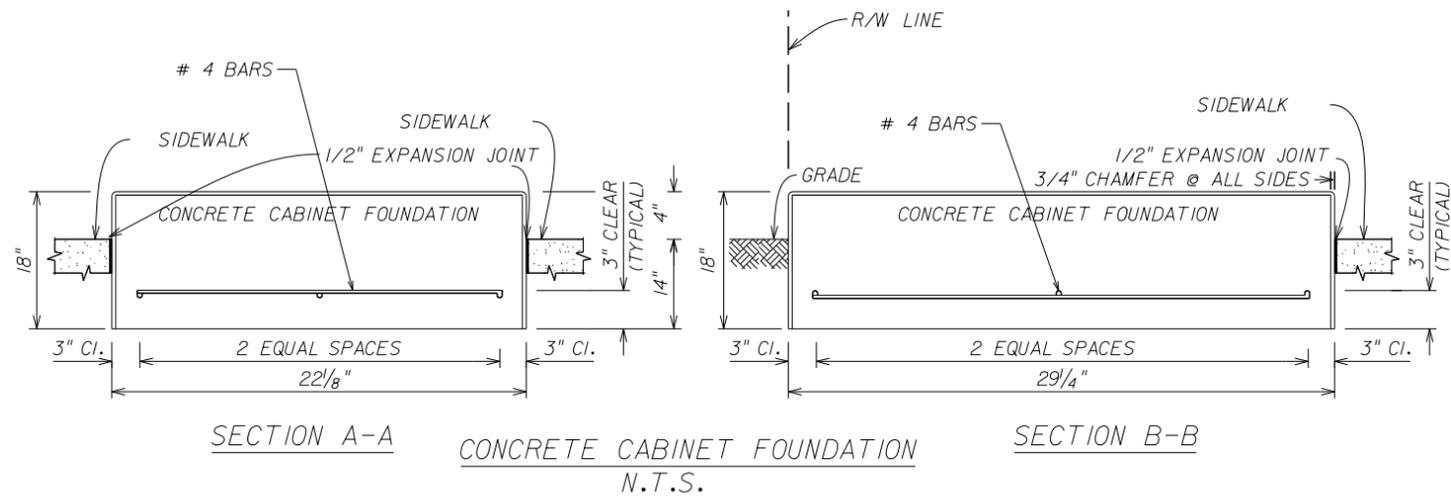
NOTE

1. CONTRACTOR SHALL COORDINATE WITH F.P.L. ENGINEERS FOR THE INSTALLATION OF THE F.P.L. RISER, WHICH INCLUDES A CONNECTION FEE OF \$148.00. (THIS FEE SHALL BE INCLUDED IN BID ITEM 639-1-122) A NEW TRANSFORMER, IF NEEDED, HAS A SEPARATE FEE. THIS TO BE INCLUDED IN BID ITEM 639-1-122.
2. ALL GROUND ROD SHALL BE INTERCONNECTED (USING #6 GROUND WIRE).
3. PROVIDE SUPPLEMENTARY GROUND ELECTRODE SPACE AT A MINIMUM 6FT APART.
4. THE PRICE FOR THE CONCRETE POLE AND THE INSTALLATION SHALL BE INCLUDED IN BID ITEM 641-2-12.
5. ALL CONDUCTOR SHALL BE TYPE RHW-2 OR RHH, INCLUDING THE GROUND WIRE (OTHER TYPE OF CONDCUTOR IS NOT ALLOWED).
6. MINIMUM WIRE SIZE SHALL BE #6.
7. CONTRACTOR SHALL SUBMIT STRUCTURAL CALCULATIONS OF THE POLE, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER.
8. MAIN SERVICE DISCONNECT SHALL BE RATED FOR SERVICE ENTRANCE, LABEL MUST BE FACTORY INSTALL.

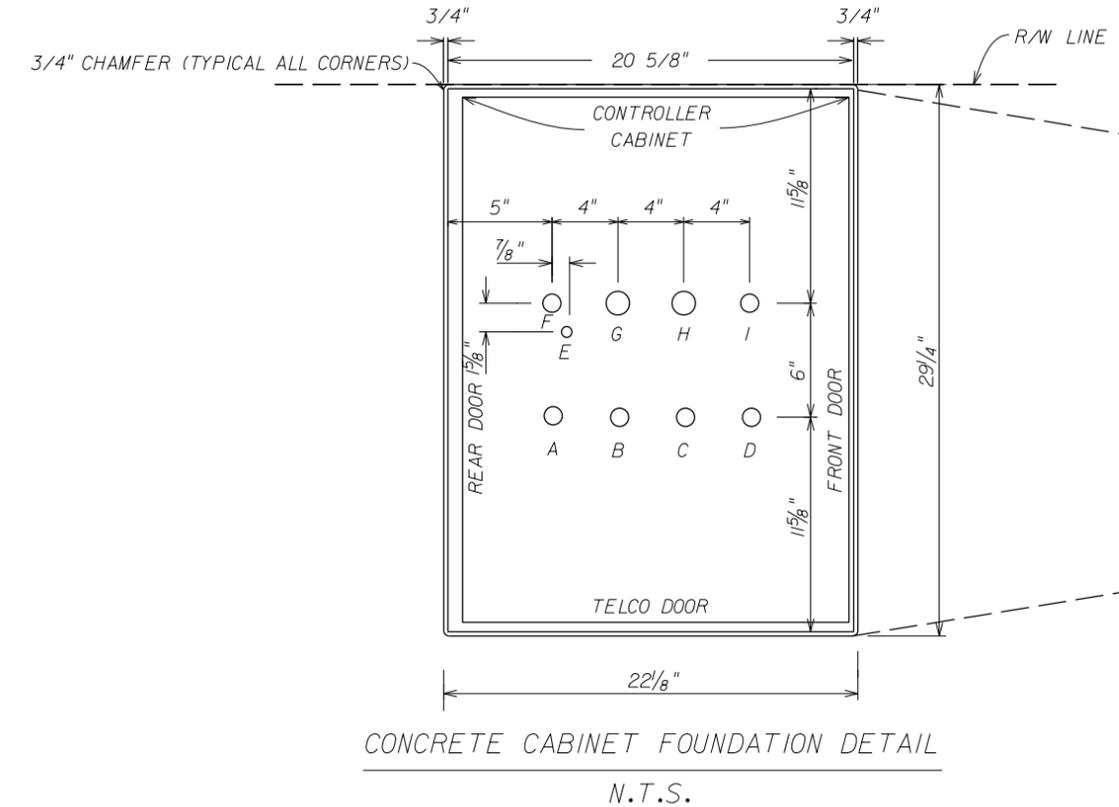
9. MINIMUM SIZE SHALL BE #6 WIRE. THE VOLTAGE DROP SHALL BE NO MORE THAN 5%.
10. PULLBOXES MUST BE PROVIDED SO CONDUIT RUNS DO NOT EXCEED 250 FEET IN LENGTH.
11. ALL ELECTRICAL WORK AND MATERIAL TO COMPLETE SERVICE ASSEMBLY TO BE INCLUDED IN BID ITEM 639-1-122.
12. SERVICE DISCONNECT TO BE ORIENTED ON CONCRETE POLE SO ITS FACING THE SIDEWALK. METER TO BE ORIENTED ON SIDE OF CONCRETE POLE SO WHEN READING IT YOU ARE FACING ON-COMING TRAFFIC.
13. METER CAN MUST BE ALUMINUM, FPL CATEGORY 3/3a, METER WITH ISOLATED NEUTRAL, FACTORY INSLATTED, LANDIS & GYR./TALON 4405-025F OR APPROVED EQUAL. MIAMI-DADE COUNTY REQUIREMENT.
14. SERVICE DISCONNECT AND POLE TO BE INSTALLED AS PER PLAN.
15. PROVIDE 2 FEET OF COILED TERMINATION OF CONDUCTOR IN THE PULLBOX MARKED "ELECTRIC".

| REVISIONS | | | | TRACE CONSULTANTS, INC. 12485 SW 137 AVENUE, SUITE 207 MIAMI, FLORIDA 33186 TEL. (305) 281-1195 C.A. NO. 29942 ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | ELECTRICAL SERVICE DETAIL SHEET | SHEET NO. T-21 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|------------------------------------|--------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | | |

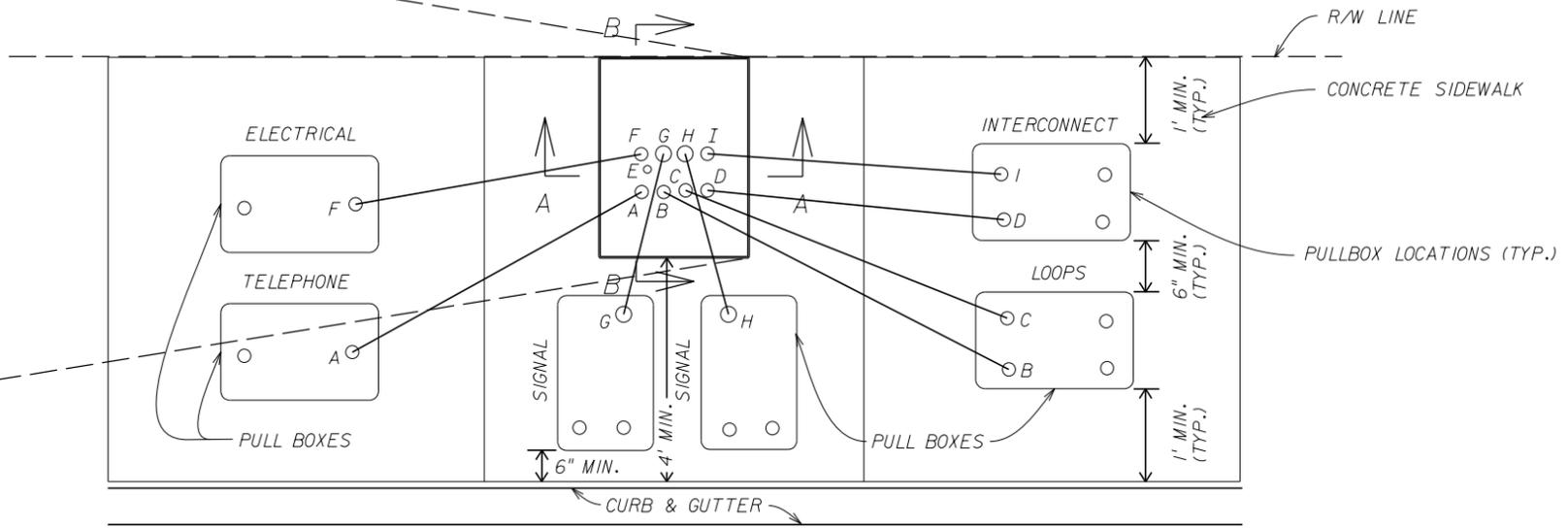
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



ADDITIONAL CONCRETE SIDEWALK DETAIL AT CONTROLLER CABINET (TYPICAL PLACEMENT)
N. T. S.



CONCRETE CABINET FOUNDATION DETAIL
N. T. S.



CONTROLLER CABINET ON SIDEWALK (PLAN VIEW)
N. T. S.

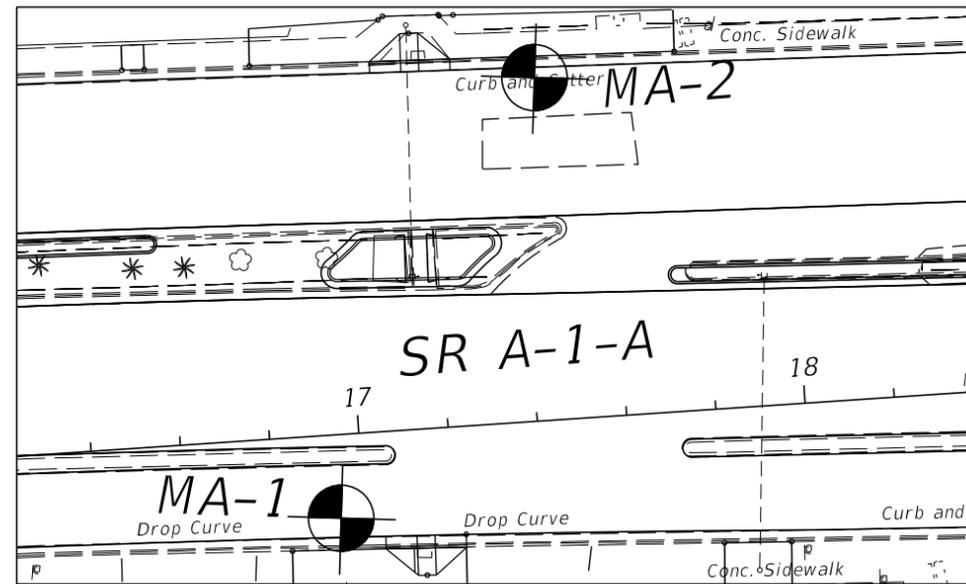
NOTES:

- PULL BOX LOCATION AND ORIENTATION MAY VARY (DUE TO UTILITY CONFLICTS), HOWEVER THEY HAVE TO BE APPROVED BY MIAMI-DADE COUNTY PWSM TRAFFIC SIGNALS AND SIGNS DIVISION, IF MAINTAINED BY MIAMI-DADE COUNTY. LOCATION OF CONDUIT SHALL NOT CHANGE FROM DESIGNATED PULLBOX.
- REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ASTM A615 GRADE 60.
- OUTSIDE EDGES OF SLAB SHALL BE CAST AGAINST FORM WORK.
- 1' 0" BED OF CRUSHED STONE FOR DRAINAGE.
- CONCRETE AND REINFORCING FOR SLAB SHALL BE INCLUDED IN THE PRICE FOR CONTROLLER CABINET.

| DESIGNATION | TYPE | FUNCTION |
|-------------|--------|--------------------|
| A | 2" PVC | TELEPHONE |
| B | 2" PVC | LOOPS |
| C | 2" PVC | SPARE |
| D | 2" PVC | INTERCONNECT (IN) |
| E | 1" PVC | GROUND ROD |
| F | 2" PVC | ELECTRICAL |
| G | 3" PVC | SIGNAL CABLE |
| H | 3" PVC | SIGNAL CABLE |
| I | 2" PVC | INTERCONNECT (OUT) |

| REVISIONS | | | | TRACE CONSULTANTS, INC. 12485 SW 137 AVENUE, SUITE 207 MIAMI, FLORIDA 33186 TEL. (305) 281-1195 C.A. NO. 29942 ENGINEER OF RECORD: FRANK PANELLAS, P.E. NO. 59448 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | CONTROLLER CABINET INSTALLATION DETAIL | SHEET NO. |
|-----------|-------------|------|-------------|--|--|--------|----------------------|---|----------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | | SR A1A | MIAMI-DADE | | 434773-1-52-01 |

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BORING LOCATION PLAN

NOTE FOR DRILLED SHAFT CONSTRUCTION:

1) THE CONTRACTOR IS ADVISED THAT CAVING SOILS AND/OR DENSE TO VERY DENSE SOILS MAY BE ENCOUNTERED DURING THE EXCAVATION FOR THE INSTALLATION OF THE DRILLED SHAFTS.

2) THE CONTRACTOR IS ADVISED THAT A STRONG NATURAL LIMESTONE LAYER MAY BE ENCOUNTERED DURING THE EXCAVATION FOR THE INSTALLATION OF THE DRILLED SHAFTS WHICH MAY REQUIRE SPECIAL EQUIPMENT TO DO SO.

LEGEND

- ASPHALT PAVEMENT
- SAND (FILL; SP/SP-SM)
- SILTY SAND (FILL; SM)
- SAND (SP/SP-SM)
- SILTY SAND (SM)
- ORGANIC SOIL (OL)
- NATURAL LIMESTONE FORMATION

NOTES:

- 1) SPT BORINGS PERFORMED PER ASTM D-1586 WITH A HAMMER WEIGHT OF 140 LBS FALLING 30 INCHES.
- WATER TABLE AT TIME OF DRILLING
- CASING USED
- APPROXIMATE SPT BORING LOCATION
- N INDICATE SPT VALUE FOR 12" PENETRATION (UNLESS OTHERWISE NOTED)
- NMC NATURAL MOISTURE CONTENT (%)
- 200 PERCENT PASSING #200 SIEVE (%)
- OC ORGANIC CONTENT

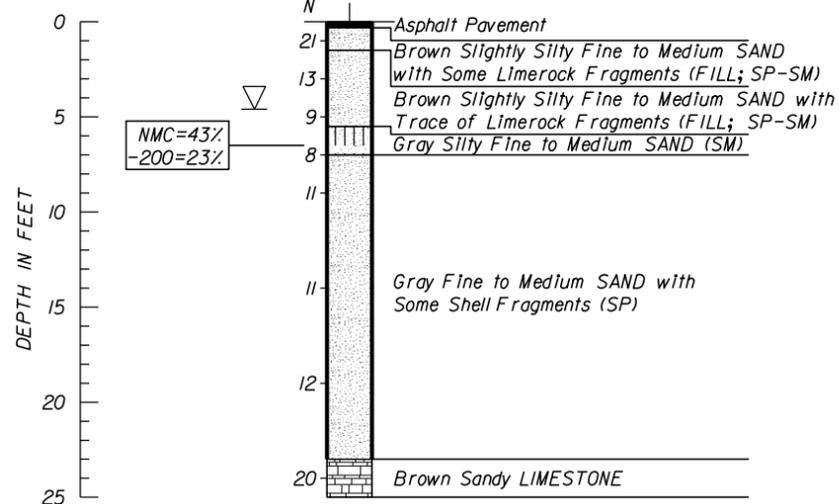
ENVIRONMENTAL CLASSIFICATION:
 SUPERSTRUCTURE: EXTREMELY AGGRESSIVE
 SUBSTRUCTURE: EXTREMELY AGGRESSIVE

WATER:
 pH: 7.9-8.0
 CHLORIDE: 5,390-19,000 PPM
 SULFATE: 650-2,410 PPM
 RESISTIVITY: 8-19 OHM-CM

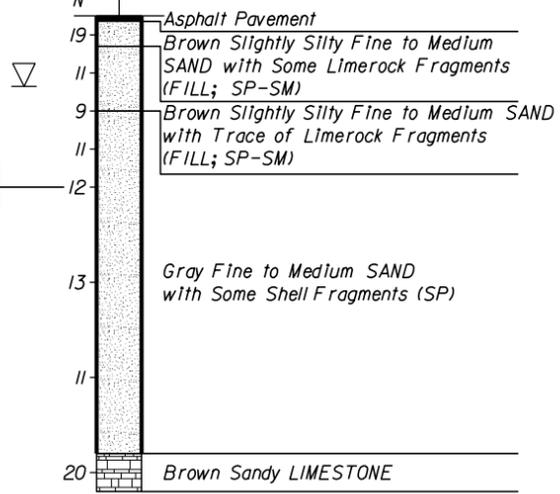
| GRANULAR MATERIALS- RELATIVE DENSITY | AUTOMATIC SPT HAMMER (BLOWS PER FOOT) |
|---|---|
| VERY LOOSE | LESS THAN 3 |
| LOOSE | 3-8 |
| MEDIUM DENSE | 8-24 |
| DENSE | 24-40 |
| VERY DENSE | GREATER THAN 40 |
| SILTS AND CLAYS CONSISTANCY | AUTOMATIC SPT HAMMER (BLOWS PER FOOT) |
| VERY SOFT | LESS THAN 1 |
| SOFT | 1-3 |
| FIRM | 3-6 |
| STIFF | 6-12 |
| VERY STIFF | 12-24 |
| HARD | GREATER THAN 24 |

BOR # MA-1
 STATION 16+95
 OFFSET 20'RT
 ELEV. N/A
 DATE 4/6/2015
 DRILLER R. Morales - GEOSOL, Inc.
 HAMMER Auto
 RIG B-53
 NORTHING 543038
 EASTING 944999

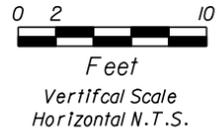
BOR # MA-2
 STATION 17+45
 OFFSET 75'LT
 ELEV. N/A
 DATE 4/6/2015
 DRILLER R. Morales - GEOSOL, Inc.
 HAMMER Auto
 RIG B-53
 NORTHING 543101
 EASTING 944913



Boring Terminated at Depth of 25ft
 Casing Length 23ft

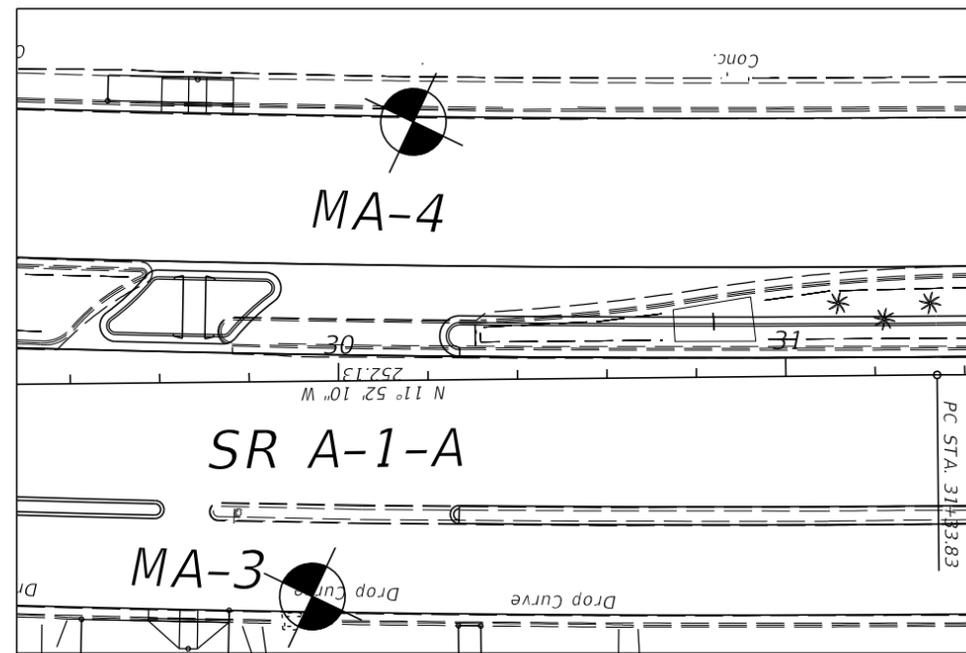


Boring Terminated at Depth of 25ft
 Casing Length 23ft



| REVISIONS | | | | | | ENGINEER OF RECORD: | | | DRAWN BY: | | | STATE OF FLORIDA | | | SHEET TITLE: | | REF. DWG. NO. |
|-----------|----|-------------|------|----|-------------|-----------------------------------|--|--|-----------|--|--|------------------------------|--|--|-------------------------------|--|---------------|
| DATE | BY | DESCRIPTION | DATE | BY | DESCRIPTION | GEOSOL, INC. | | | ZS 02-16 | | | DEPARTMENT OF TRANSPORTATION | | | REPORT OF CORE BORINGS | | |
| | | | | | | ORACIO RICCOBONO, P.E. | | | JG 02-16 | | | ROAD NO. | | | PROJECT NAME: | | |
| | | | | | | PE LICENSE No. 49324 | | | AI 02-16 | | | SR A1A | | | SR A1A/COLLINS AVENUE FROM | | |
| | | | | | | 5795-A NW 151ST STREET | | | OR 02-16 | | | MIAMI-DADE | | | NORTH OF 4700 BLK TO 5800 BLK | | SHEET NO. |
| | | | | | | MIAMI LAKES, FL 33014 | | | OR 02-16 | | | 434773-1-52-01 | | | GT-1 | | |
| | | | | | | PHONE: (305) 828-4367 | | | | | | | | | | | |
| | | | | | | CERTIFICATE OF AUTHORIZATION 8530 | | | | | | | | | | | |

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BORING LOCATION PLAN

NOTE FOR DRILLED SHAFT CONSTRUCTION:

- 1) THE CONTRACTOR IS ADVISED THAT CAVING SOILS AND/OR DENSE TO VERY DENSE SOILS MAY BE ENCOUNTERED DURING THE EXCAVATION FOR THE INSTALLATION OF THE DRILLED SHAFTS.
- 2) THE CONTRACTOR IS ADVISED THAT A STRONG NATURAL LIMESTONE LAYER MAY BE ENCOUNTERED DURING THE EXCAVATION FOR THE INSTALLATION OF THE DRILLED SHAFTS WHICH MAY REQUIRE SPECIAL EQUIPMENT TO DO SO.

LEGEND

- ASPHALT PAVEMENT
- SAND (FILL; SP/SP-SM)
- SILTY SAND (FILL; SM)
- SAND (SP/SP-SM)
- SILTY SAND (SM)
- ORGANIC SOIL (OL)
- NATURAL LIMESTONE FORMATION

NOTES:

- 1) SPT BORINGS PERFORMED PER ASTM D-1586 WITH A HAMMER WEIGHT OF 140 LBS FALLING 30 INCHES.
- WATER TABLE AT TIME OF DRILLING
 - CASING USED
 - APPROXIMATE SPT BORING LOCATION
- NUMBERS TO THE LEFT OF BORING INDICATE SPT VALUE FOR 12" PENETRATION (UNLESS OTHERWISE NOTED)
- NMC NATURAL MOISTURE CONTENT (%)
 -200 PERCENT PASSING #200 SIEVE (%)
 OC ORGANIC CONTENT

ENVIRONMENTAL CLASSIFICATION:
 SUPERSTRUCTURE: EXTREMELY AGGRESSIVE
 SUBSTRUCTURE: EXTREMELY AGGRESSIVE

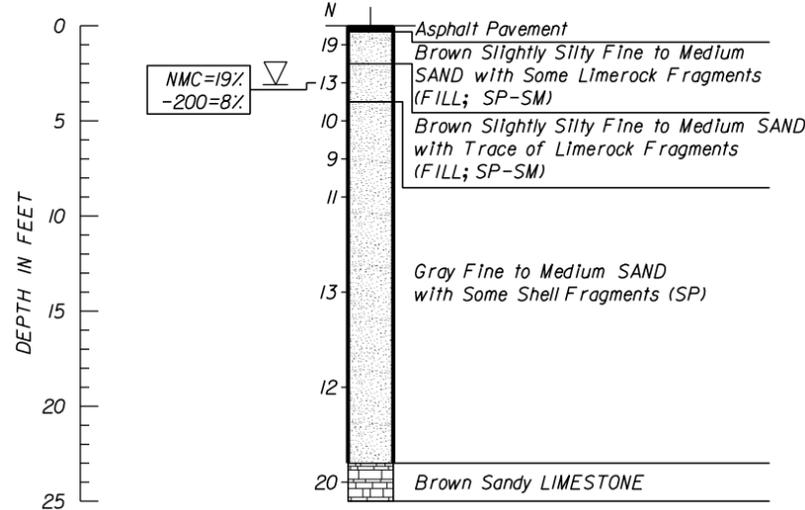
WATER:

pH: 7.9-8.0
 CHLORIDE: 5,390-19,000 PPM
 SULFATE: 650-2,410 PPM
 RESISTIVITY: 8-19 OHM-CM

| GRANULAR MATERIALS- RELATIVE DENSITY | AUTOMATIC SPT HAMMER (BLOWS PER FOOT) |
|---|---|
| VERY LOOSE | LESS THAN 3 |
| LOOSE | 3-8 |
| MEDIUM DENSE | 8-24 |
| DENSE | 24-40 |
| VERY DENSE | GREATER THAN 40 |
| SILTS AND CLAYS CONSISTANCY | AUTOMATIC SPT HAMMER (BLOWS PER FOOT) |
| VERY SOFT | LESS THAN 1 |
| SOFT | 1-3 |
| FIRM | 3-6 |
| STIFF | 6-12 |
| VERY STIFF | 12-24 |
| HARD | GREATER THAN 24 |

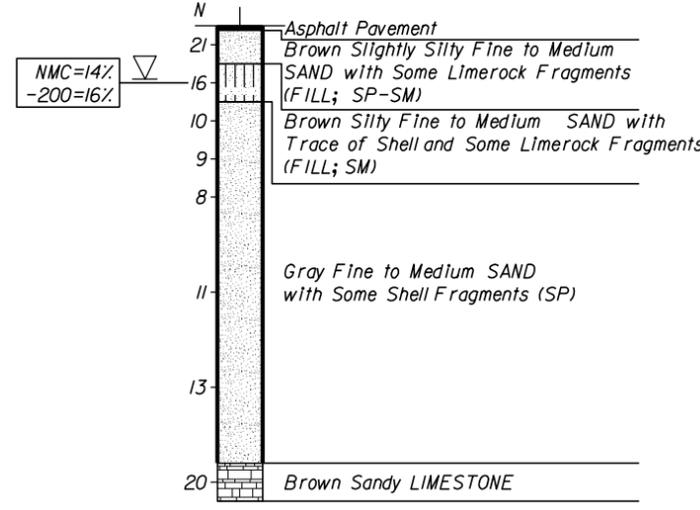
BOR # MA-3
 STATION 29+95
 OFFSET 47'RT
 ELEV. N/A
 DATE 4/6/2015
 DRILLER R. Morales - GEOSOL, Inc.
 HAMMER Auto
 RIG B-53
 NORTHING 544338
 EASTING 945044

BOR # MA-4
 STATION 30+20
 OFFSET 57'LT
 ELEV. N/A
 DATE 4/7/2015
 DRILLER R. Morales - GEOSOL, Inc.
 HAMMER Auto
 RIG B-53
 NORTHING 544339
 EASTING 944923



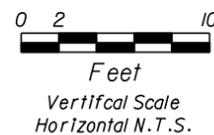
Boring Terminated at Depth of 25ft

Casing Length 23ft



Boring Terminated at Depth of 25ft

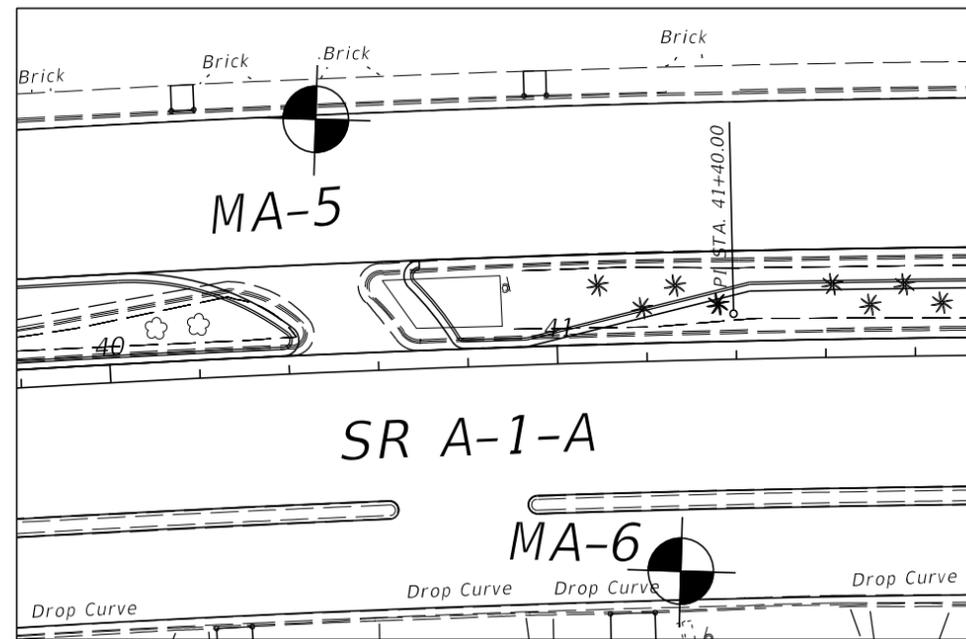
Casing Length 23ft



MAST ARMS

| REVISIONS | | | | | | ENGINEER OF RECORD: | | | STATE OF FLORIDA | | | SHEET TITLE: | | REF. DWG. NO. | | |
|-----------|----|-------------|------|----|-------------|---|--|--|---|--|--|--|--|---------------|---------------|-----------|
| DATE | BY | DESCRIPTION | DATE | BY | DESCRIPTION | GEOSOL, INC. | | | DEPARTMENT OF TRANSPORTATION | | | REPORT OF CORE BORINGS | | | | |
| | | | | | | ORACIO RICCOBONO, P.E. PE LICENSE No. 49324 5795-A NW 151ST STREET MIAMI LAKES, FL 33014 PHONE: (305) 828-4367 CERTIFICATE OF AUTHORIZATION 8530 | | | DRAWN BY: ZS 02-16 CHECKED BY: JG 02-16 DESIGNED BY: AI 02-16 CHECKED BY: OR 02-16 | | | ROAD NO. COUNTY FINANCIAL PROJECT ID | | | PROJECT NAME: | SHEET NO. |
| | | | | | | | | | SR A1A MIAMI-DADE 434773-1-52-01 | | | SR A1A/COLLINS AVENUE FROM NORTH OF 4700 BLK TO 5800 BLK | | GT-2 | | |

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BORING LOCATION PLAN

NOTE FOR DRILLED SHAFT CONSTRUCTION:

- 1) THE CONTRACTOR IS ADVISED THAT CAVING SOILS AND/OR DENSE TO VERY DENSE SOILS MAY BE ENCOUNTERED DURING THE EXCAVATION FOR THE INSTALLATION OF THE DRILLED SHAFTS.
- 2) THE CONTRACTOR IS ADVISED THAT A STRONG NATURAL LIMESTONE LAYER MAY BE ENCOUNTERED DURING THE EXCAVATION FOR THE INSTALLATION OF THE DRILLED SHAFTS WHICH MAY REQUIRE SPECIAL EQUIPMENT TO DO SO.

LEGEND

- ASPHALT PAVEMENT
- SAND (FILL; SP/SP-SM)
- SILTY SAND (FILL; SM)
- SAND (SP/SP-SM)
- SILTY SAND (SM)
- ORGANIC SOIL (OL)
- NATURAL LIMESTONE FORMATION

NOTES:

- 1) SPT BORINGS PERFORMED PER ASTM D-1586 WITH A HAMMER WEIGHT OF 140 LBS FALLING 30 INCHES.
- WATER TABLE AT TIME OF DRILLING
 - CASING USED
 - APPROXIMATE SPT BORING LOCATION
 - N INDICATE SPT VALUE FOR 12" PENETRATION (UNLESS OTHERWISE NOTED)
 - NMC NATURAL MOISTURE CONTENT (%)
 - 200 PERCENT PASSING #200 SIEVE (%)
 - OC ORGANIC CONTENT

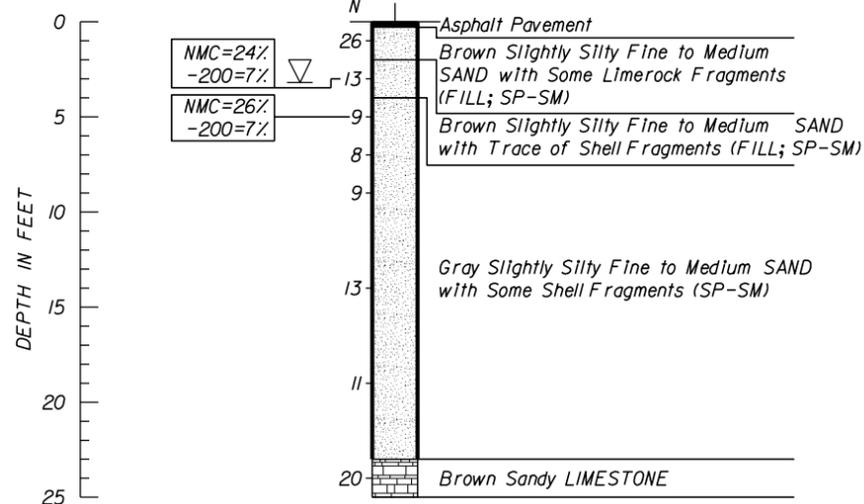
ENVIRONMENTAL CLASSIFICATION:
 SUPERSTRUCTURE: EXTREMELY AGGRESSIVE
 SUBSTRUCTURE: EXTREMELY AGGRESSIVE

WATER:
 pH: 7.9-8.0
 CHLORIDE: 5,390-19,000 PPM
 SULFATE: 650-2,410 PPM
 RESISTIVITY: 8-19 OHM-CM

| GRANULAR MATERIALS- RELATIVE DENSITY | AUTOMATIC SPT HAMMER (BLOWS PER FOOT) |
|---|---|
| VERY LOOSE | LESS THAN 3 |
| LOOSE | 3-8 |
| MEDIUM DENSE | 8-24 |
| DENSE | 24-40 |
| VERY DENSE | GREATER THAN 40 |
| SILTS AND CLAYS CONSISTANCY | AUTOMATIC SPT HAMMER (BLOWS PER FOOT) |
| VERY SOFT | LESS THAN 1 |
| SOFT | 1-3 |
| FIRM | 3-6 |
| STIFF | 6-12 |
| VERY STIFF | 12-24 |
| HARD | GREATER THAN 24 |

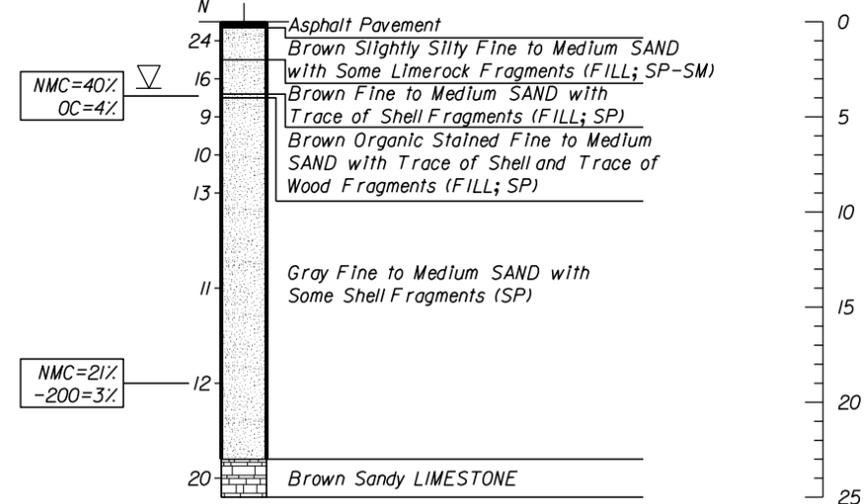
BOR # MA-5
 STATION 40+50
 OFFSET 55'LT
 ELEV. N/A
 DATE 4/7/2015
 DRILLER R. Morales - GEOSOL, Inc.
 HAMMER Auto
 RIG B-53
 NORTHING 545387
 EASTING 944921

BOR # MA-6
 STATION 41+25
 OFFSET 45'RT
 ELEV. N/A
 DATE 4/7/2015
 DRILLER R. Morales - GEOSOL, Inc.
 HAMMER Auto
 RIG B-53
 NORTHING 545441
 EASTING 945050



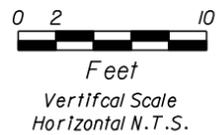
Boring Terminated at Depth of 25ft

Casing Length 23ft



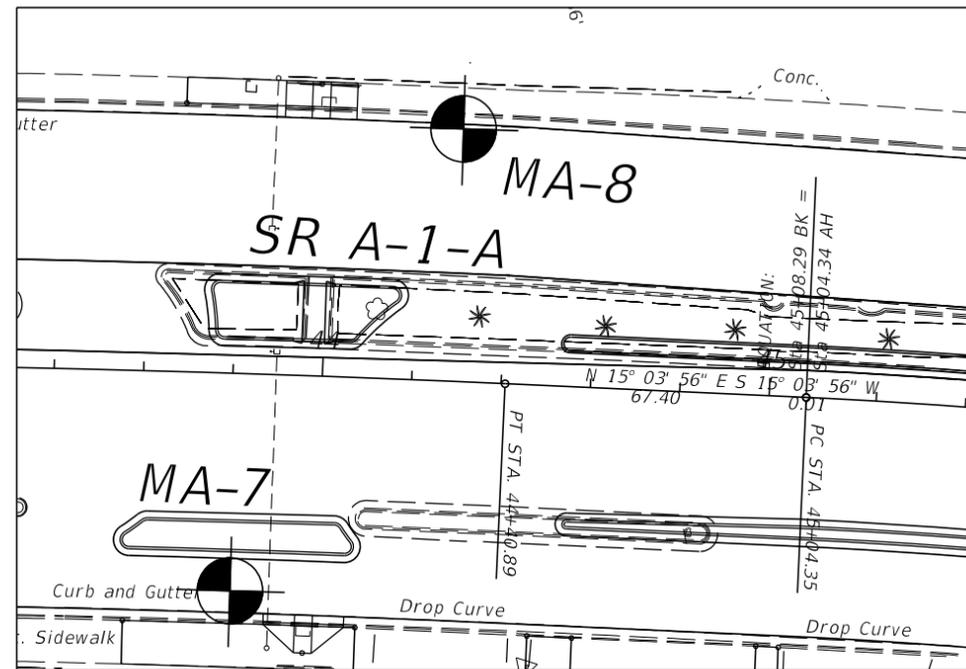
Boring Terminated at Depth of 25ft

Casing Length 23ft



| REVISIONS | | | | | | ENGINEER OF RECORD: | | | DRAWN BY: | | | STATE OF FLORIDA | | | SHEET TITLE: | | REF. DWG. NO. |
|-----------|----|-------------|------|----|-------------|---|--|--|---|--|--|--------------------------------------|--|------|---------------|--|---------------|
| DATE | BY | DESCRIPTION | DATE | BY | DESCRIPTION | GEOSOL, INC. | | | DEPARTMENT OF TRANSPORTATION | | | REPORT OF CORE BORINGS | | | | | |
| | | | | | | ORACIO RICCOBONO, P.E. PE LICENSE No. 49324 5795-A NW 151ST STREET MIAMI LAKES, FL 33014 PHONE: (305) 828-4367 CERTIFICATE OF AUTHORIZATION 8530 | | | ZS 02-16 CHECKED BY: JG 02-16 DESIGNED BY: AI 02-16 CHECKED BY: OR 02-16 | | | ROAD NO. COUNTY FINANCIAL PROJECT ID | | | PROJECT NAME: | | SHEET NO. |
| | | | | | | SR A1A MIAMI-DADE 434773-1-52-01 | | | SR A1A/COLLINS AVENUE FROM NORTH OF 4700 BLK TO 5800 BLK | | | | | GT-3 | | | |

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BORING LOCATION PLAN

NOTE FOR DRILLED SHAFT CONSTRUCTION:

- 1) THE CONTRACTOR IS ADVISED THAT CAVING SOILS AND/OR DENSE TO VERY DENSE SOILS MAY BE ENCOUNTERED DURING THE EXCAVATION FOR THE INSTALLATION OF THE DRILLED SHAFTS.
- 2) THE CONTRACTOR IS ADVISED THAT A STRONG NATURAL LIMESTONE LAYER MAY BE ENCOUNTERED DURING THE EXCAVATION FOR THE INSTALLATION OF THE DRILLED SHAFTS WHICH MAY REQUIRE SPECIAL EQUIPMENT TO DO SO.

LEGEND

- ASPHALT PAVEMENT
- SAND (FILL; SP/SP-SM)
- SILTY SAND (FILL; SM)
- SAND (SP/SP-SM)
- SILTY SAND (SM)
- ORGANIC SOIL (OL)
- NATURAL LIMESTONE FORMATION

NOTES:

- 1) SPT BORINGS PERFORMED PER ASTM D-1586 WITH A HAMMER WEIGHT OF 140 LBS FALLING 30 INCHES.
- WATER TABLE AT TIME OF DRILLING
 - CASING USED
 - APPROXIMATE SPT BORING LOCATION
 - N INDICATE SPT VALUE FOR 12" PENETRATION (UNLESS OTHERWISE NOTED)
 - NMC NATURAL MOISTURE CONTENT (%)
 - 200 PERCENT PASSING #200 SIEVE (%)
 - OC ORGANIC CONTENT

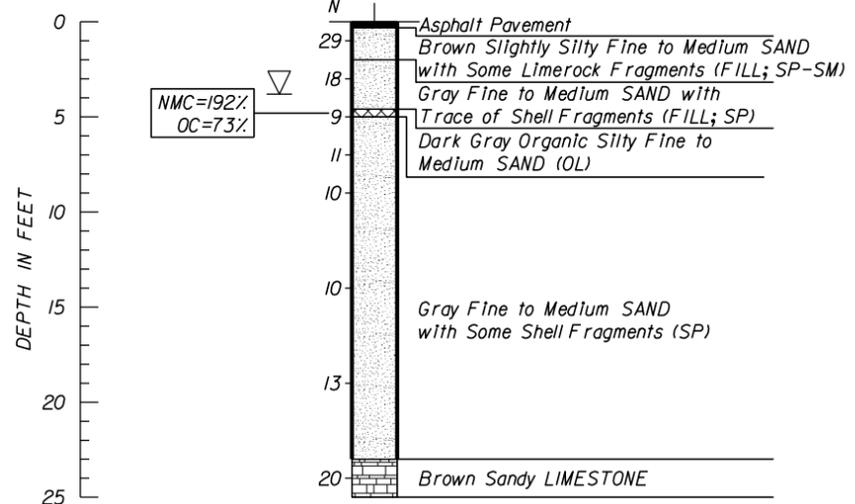
ENVIRONMENTAL CLASSIFICATION:
 SUPERSTRUCTURE: EXTREMELY AGGRESSIVE
 SUBSTRUCTURE: EXTREMELY AGGRESSIVE

WATER:
 pH: 7.9-8.0
 CHLORIDE: 5,390-19,000 PPM
 SULFATE: 650-2,410 PPM
 RESISTIVITY: 8-19 OHM-CM

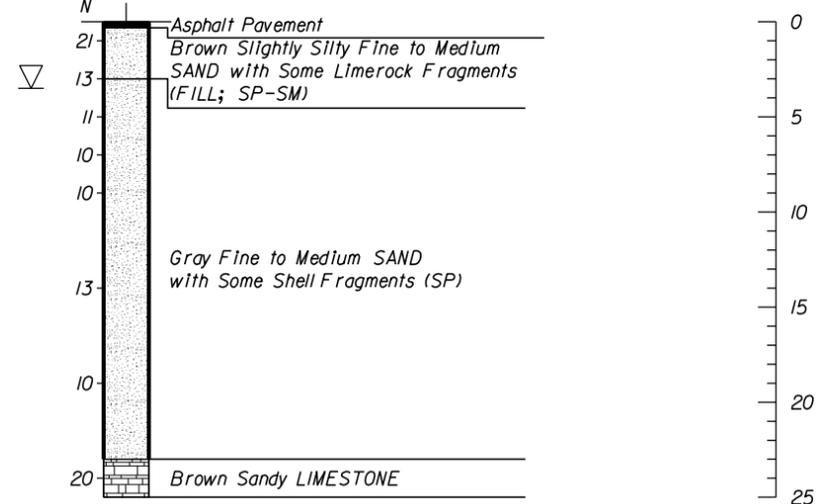
| GRANULAR MATERIALS- RELATIVE DENSITY | AUTOMATIC SPT HAMMER (BLOWS PER FOOT) |
|---|---|
| VERY LOOSE | LESS THAN 3 |
| LOOSE | 3-8 |
| MEDIUM DENSE | 8-24 |
| DENSE | 24-40 |
| VERY DENSE | GREATER THAN 40 |
| SILTS AND CLAYS CONSISTANCY | AUTOMATIC SPT HAMMER (BLOWS PER FOOT) |
| VERY SOFT | LESS THAN 1 |
| SOFT | 1-3 |
| FIRM | 3-6 |
| STIFF | 6-12 |
| VERY STIFF | 12-24 |
| HARD | GREATER THAN 24 |

BOR # MA-7
 STATION 43+80
 OFFSET 48'RT
 ELEV. N/A
 DATE 4/8/2015
 DRILLER R. Morales - GEOSOL, Inc.
 HAMMER Auto
 RIG B-53
 NORTHING 545686
 EASTING 945106

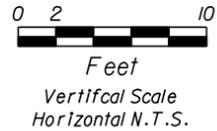
BOR # MA-8
 STATION 44+30
 OFFSET 55'LT
 ELEV. N/A
 DATE 4/8/2015
 DRILLER R. Morales - GEOSOL, Inc.
 HAMMER Auto
 RIG B-53
 NORTHING 545764
 EASTING 945004



Boring Terminated at Depth of 25ft
 Casing Length 23ft

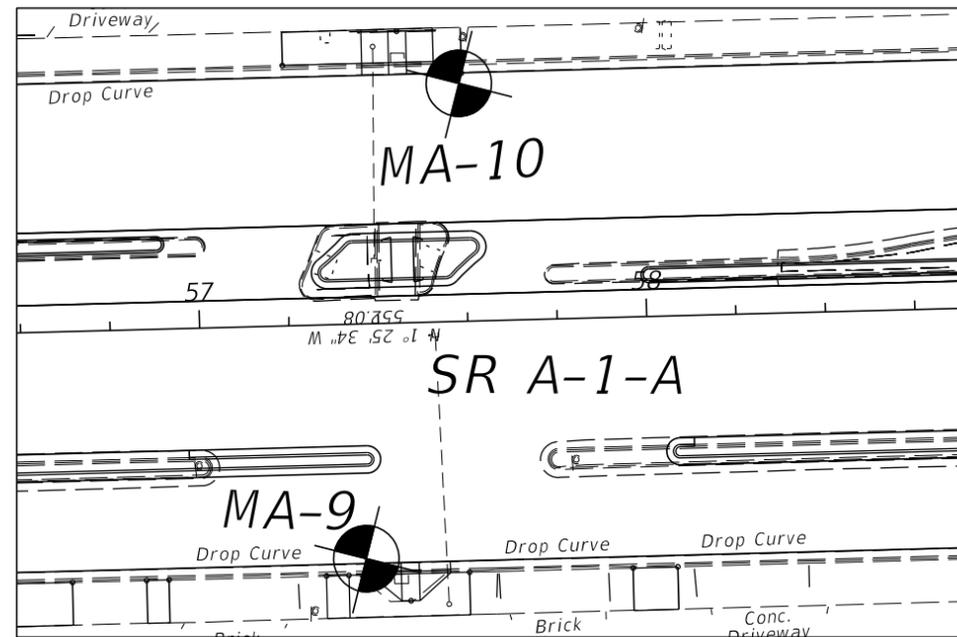


Boring Terminated at Depth of 25ft
 Casing Length 23ft



| REVISIONS | | | | | | ENGINEER OF RECORD: | | | STATE OF FLORIDA | | | SHEET TITLE: | | REF. DWG. NO. | | |
|-----------|----|-------------|------|----|-------------|---|--|--|---|--|--|--|--|---------------|---------------|-----------|
| DATE | BY | DESCRIPTION | DATE | BY | DESCRIPTION | GEOSOL, INC. | | | DEPARTMENT OF TRANSPORTATION | | | REPORT OF CORE BORINGS | | | | |
| | | | | | | ORACIO RICCOBONO, P.E. PE LICENSE No. 49324 5795-A NW 151ST STREET MIAMI LAKES, FL 33014 PHONE: (305) 828-4367 CERTIFICATE OF AUTHORIZATION 8530 | | | DRAWN BY: ZS 02-16 CHECKED BY: JG 02-16 DESIGNED BY: AI 02-16 CHECKED BY: OR 02-16 | | | ROAD NO. COUNTY FINANCIAL PROJECT ID | | | PROJECT NAME: | SHEET NO. |
| | | | | | | | | | SR A1A MIAMI-DADE 434773-1-52-01 | | | SR A1A/COLLINS AVENUE FROM NORTH OF 4700 BLK TO 5800 BLK | | GT-4 | | |

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



BORING LOCATION PLAN

NOTE FOR DRILLED SHAFT CONSTRUCTION:

- 1) THE CONTRACTOR IS ADVISED THAT CAVING SOILS AND/OR DENSE TO VERY DENSE SOILS MAY BE ENCOUNTERED DURING THE EXCAVATION FOR THE INSTALLATION OF THE DRILLED SHAFTS.
- 2) THE CONTRACTOR IS ADVISED THAT A STRONG NATURAL LIMESTONE LAYER MAY BE ENCOUNTERED DURING THE EXCAVATION FOR THE INSTALLATION OF THE DRILLED SHAFTS WHICH MAY REQUIRE SPECIAL EQUIPMENT TO DO SO.

LEGEND

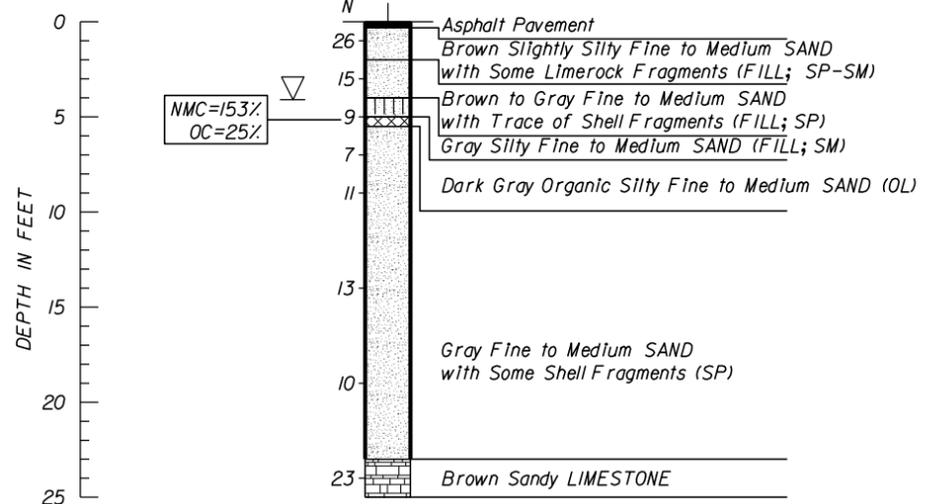
- ASPHALT PAVEMENT
- SAND (FILL; SP/SP-SM)
- SILTY SAND (FILL; SM)
- SAND (SP/SP-SM)
- SILTY SAND (SM)
- ORGANIC SOIL (OL)
- NATURAL LIMESTONE FORMATION

NOTES:

- 1) SPT BORINGS PERFORMED PER ASTM D-1586 WITH A HAMMER WEIGHT OF 140 LBS FALLING 30 INCHES.
- WATER TABLE AT TIME OF DRILLING
 - CASING USED
 - APPROXIMATE SPT BORING LOCATION
- NUMBERS TO THE LEFT OF BORING INDICATE SPT VALUE FOR 12" PENETRATION (UNLESS OTHERWISE NOTED)
- NMC NATURAL MOISTURE CONTENT (%)
 -200 PERCENT PASSING #200 SIEVE (%)
 OC ORGANIC CONTENT

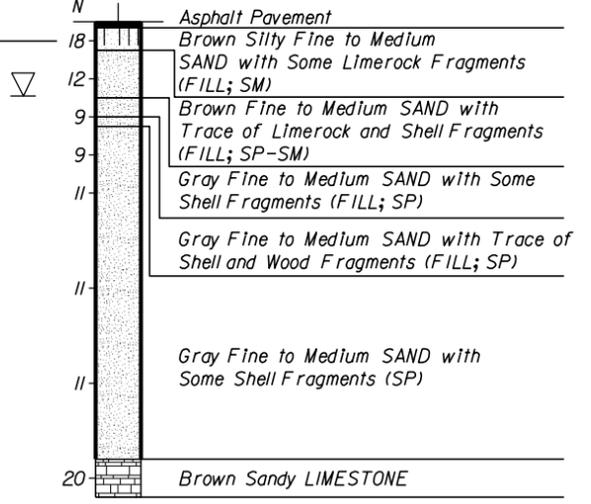
BOR # MA-9
 STATION 57+35
 OFFSET 52'RT
 ELEV. N/A
 DATE 4/8/2015
 DRILLER R. Morales - GEOSOL, Inc.
 HAMMER Auto
 RIG B-53
 NORTHING 547004
 EASTING 945415

BOR # MA-10
 STATION 57+60
 OFFSET 53'LT
 ELEV. N/A
 DATE 4/13/2015
 DRILLER R. Morales - GEOSOL, Inc.
 HAMMER Auto
 RIG B-53
 NORTHING 547024
 EASTING 945305

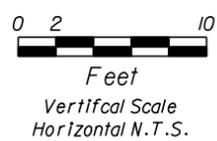


Boring Terminated at Depth of 25ft
 Casing Length 23ft

NMC=9%
 -200=16%



Boring Terminated at Depth of 25ft
 Casing Length 23ft



ENVIRONMENTAL CLASSIFICATION:
 SUPERSTRUCTURE: EXTREMELY AGGRESSIVE
 SUBSTRUCTURE: EXTREMELY AGGRESSIVE

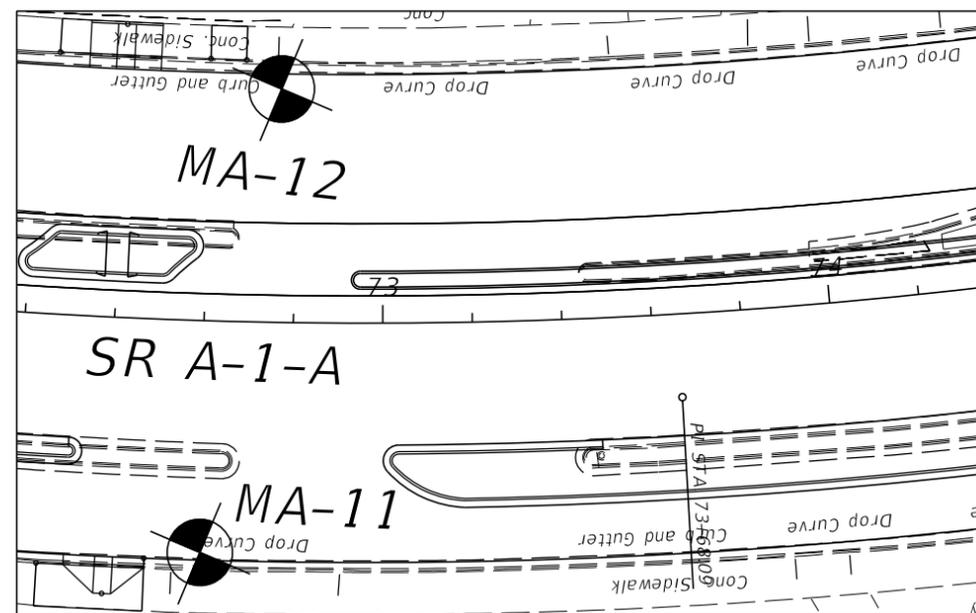
WATER:
 pH: 7.9-8.0
 CHLORIDE: 5,390-19,000 PPM
 SULFATE: 650-2,410 PPM
 RESISTIVITY: 8-19 OHM-CM

| GRANULAR MATERIALS-RELATIVE DENSITY | AUTOMATIC SPT HAMMER (BLOWS PER FOOT) |
|-------------------------------------|---------------------------------------|
| VERY LOOSE | LESS THAN 3 |
| LOOSE | 3-8 |
| MEDIUM DENSE | 8-24 |
| DENSE | 24-40 |
| VERY DENSE | GREATER THAN 40 |
| SILTS AND CLAYS CONSISTANCY | AUTOMATIC SPT HAMMER (BLOWS PER FOOT) |
| VERY SOFT | LESS THAN 1 |
| SOFT | 1-3 |
| FIRM | 3-6 |
| STIFF | 6-12 |
| VERY STIFF | 12-24 |
| HARD | GREATER THAN 24 |

MAST ARMS

| REVISIONS | | | | | | ENGINEER OF RECORD: | | | DRAWN BY: | | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET TITLE: | | REF. DWG. NO. |
|-----------|----|-------------|------|----|-------------|---|--|--|----------------------------------|--|--|--|--|--|------------------------|--|---------------|
| DATE | BY | DESCRIPTION | DATE | BY | DESCRIPTION | ORACIO RICCOBONO, P.E. PE LICENSE No. 49324 5795-A NW 151ST STREET MIAMI LAKES, FL 33014 PHONE: (305) 828-4367 CERTIFICATE OF AUTHORIZATION 8530 | | | ZS 02-16 | | | ROAD NO. COUNTY FINANCIAL PROJECT ID | | | REPORT OF CORE BORINGS | | |
| | | | | | | | | | SR A1A MIAMI-DADE 434773-1-52-01 | | | SR A1A/COLLINS AVENUE FROM NORTH OF 4700 BLK TO 5800 BLK | | | | | |
| | | | | | | | | | | | | GT-5 | | | | | |

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



BORING LOCATION PLAN

NOTE FOR DRILLED SHAFT CONSTRUCTION:

- 1) THE CONTRACTOR IS ADVISED THAT CAVING SOILS AND/OR DENSE TO VERY DENSE SOILS MAY BE ENCOUNTERED DURING THE EXCAVATION FOR THE INSTALLATION OF THE DRILLED SHAFTS.
- 2) THE CONTRACTOR IS ADVISED THAT A STRONG NATURAL LIMESTONE LAYER MAY BE ENCOUNTERED DURING THE EXCAVATION FOR THE INSTALLATION OF THE DRILLED SHAFTS WHICH MAY REQUIRE SPECIAL EQUIPMENT TO DO SO.

LEGEND

- ASPHALT PAVEMENT
- SAND (FILL; SP/SP-SM)
- SILTY SAND (FILL; SM)
- SAND (SP/SP-SM)
- SILTY SAND (SM)
- ORGANIC SOIL (OL)
- NATURAL LIMESTONE FORMATION

NOTES:

- 1) SPT BORINGS PERFORMED PER ASTM D-1586 WITH A HAMMER WEIGHT OF 140 LBS FALLING 30 INCHES.
- WATER TABLE AT TIME OF DRILLING
 - CASING USED
 - APPROXIMATE SPT BORING LOCATION
- N INDICATE SPT VALUE FOR 12" PENETRATION (UNLESS OTHERWISE NOTED)
- NMC NATURAL MOISTURE CONTENT (%)
- 200 PERCENT PASSING #200 SIEVE (%)
- OC ORGANIC CONTENT

ENVIRONMENTAL CLASSIFICATION:
 SUPERSTRUCTURE: EXTREMELY AGGRESSIVE
 SUBSTRUCTURE: EXTREMELY AGGRESSIVE

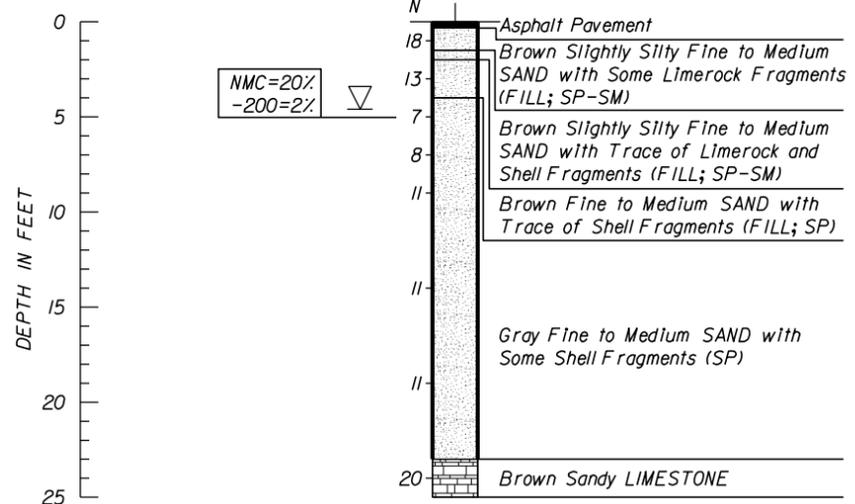
WATER:

pH: 7.9-8.0
 CHLORIDE: 5,390-19,000 PPM
 SULFATE: 650-2,410 PPM
 RESISTIVITY: 8-19 OHM-CM

| GRANULAR MATERIALS- RELATIVE DENSITY | AUTOMATIC SPT HAMMER (BLOWS PER FOOT) |
|---|---|
| VERY LOOSE | LESS THAN 3 |
| LOOSE | 3-8 |
| MEDIUM DENSE | 8-24 |
| DENSE | 24-40 |
| VERY DENSE | GREATER THAN 40 |
| SILTS AND CLAYS CONSISTANCY | AUTOMATIC SPT HAMMER (BLOWS PER FOOT) |
| VERY SOFT | LESS THAN 1 |
| SOFT | 1-3 |
| FIRM | 3-6 |
| STIFF | 6-12 |
| VERY STIFF | 12-24 |
| HARD | GREATER THAN 24 |

BOR # MA-11
 STATION 72+60
 OFFSET 50'RT
 ELEV. N/A
 DATE 4/13/2015
 DRILLER R. Morales - GEOSOL, Inc.
 HAMMER Auto
 RIG B-53
 NORTHING 548528
 EASTING 945306

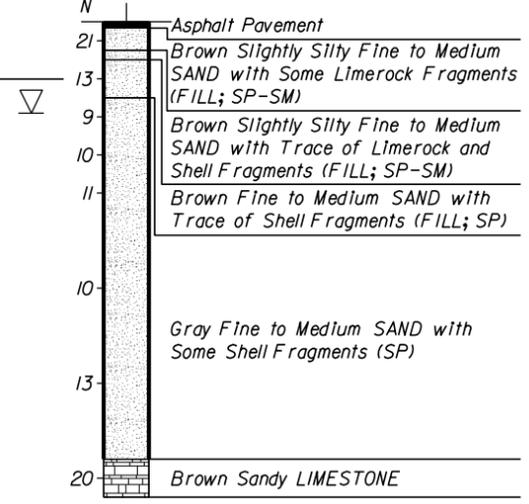
BOR # MA-12
 STATION 72+75
 OFFSET 52'LT
 ELEV. N/A
 DATE 4/13/2015
 DRILLER R. Morales - GEOSOL, Inc.
 HAMMER Auto
 RIG B-53
 NORTHING 548530
 EASTING 945202



Boring Terminated at Depth of 25ft

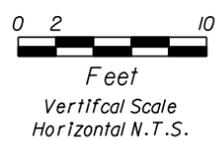
Casing Length 23ft

NMC=7%
 -200=2%



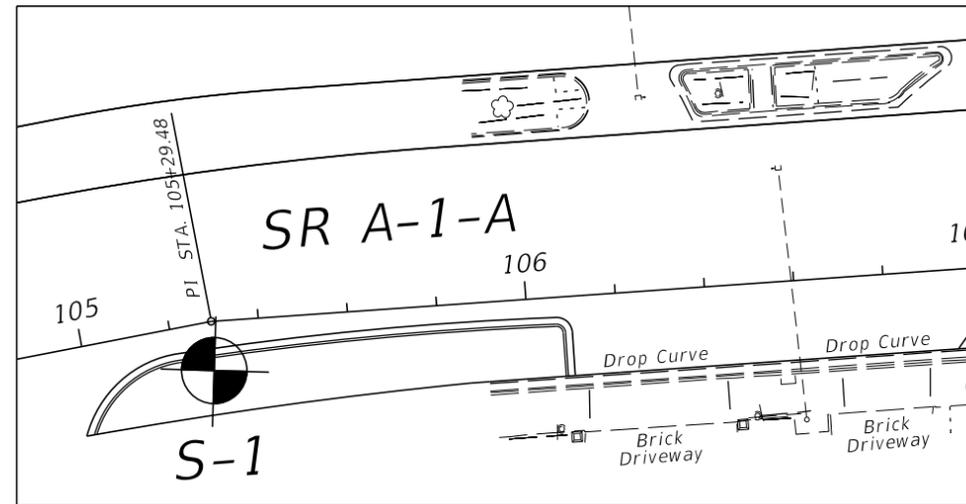
Boring Terminated at Depth of 25ft

Casing Length 23ft



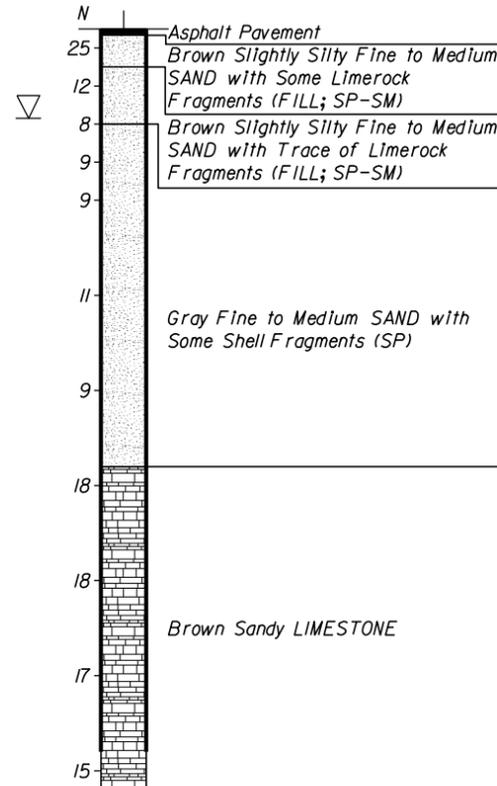
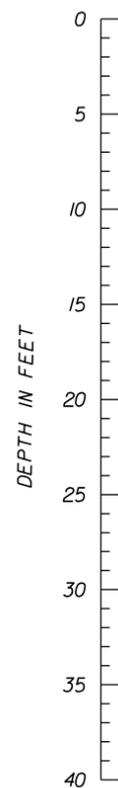
| REVISIONS | | | | | | ENGINEER OF RECORD: | | | DRAWN BY: | | | STATE OF FLORIDA | | | SHEET TITLE: | | | REF. DWG. NO. |
|-----------|----|-------------|------|----|-------------|---|--|--|---|--|--|--|--|--|-------------------|--|--|---------------|
| DATE | BY | DESCRIPTION | DATE | BY | DESCRIPTION | GEOSOL, INC. | | | DEPARTMENT OF TRANSPORTATION | | | REPORT OF CORE BORINGS | | | | | | |
| | | | | | | ORACIO RICCOBONO, P.E. PE LICENSE No. 49324 5795-A NW 151ST STREET MIAMI LAKES, FL 33014 PHONE: (305) 828-4367 CERTIFICATE OF AUTHORIZATION 8530 | | | ZS 02-16 CHECKED BY: JG 02-16 DESIGNED BY: AI 02-16 CHECKED BY: OR 02-16 | | | ROAD NO. COUNTY FINANCIAL PROJECT ID | | | PROJECT NAME: | | | |
| | | | | | | | | | SR A1A MIAMI-DADE 434773-1-52-01 | | | SR A1A/COLLINS AVENUE FROM NORTH OF 4700 BLK TO 5800 BLK | | | SHEET NO. GT-6 | | | |

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



BORING LOCATION PLAN

BOR # S-1
 STATION 105+50
 OFFSET 10' RT
 ELEV. N/A
 DATE 4/6/2015
 DRILLER R. Morales - GEOSOL, Inc.
 HAMMER Auto
 RIG B-53
 NORTHING 541931
 EASTING 944825



Boring Terminated at Depth of 40ft

Casing Length 38ft



NOTE FOR DRILLED SHAFT CONSTRUCTION:

- 1) THE CONTRACTOR IS ADVISED THAT CAVING SOILS AND/OR DENSE TO VERY DENSE SOILS MAY BE ENCOUNTERED DURING THE EXCAVATION FOR THE INSTALLATION OF THE DRILLED SHAFTS.
- 2) THE CONTRACTOR IS ADVISED THAT A STRONG NATURAL LIMESTONE LAYER MAY BE ENCOUNTERED DURING THE EXCAVATION FOR THE INSTALLATION OF THE DRILLED SHAFTS WHICH MAY REQUIRE SPECIAL EQUIPMENT TO DO SO.

LEGEND

- ASPHALT PAVEMENT
- SAND (FILL; SP/SP-SM)
- SILTY SAND (FILL; SM)
- SAND (SP/SP-SM)
- SILTY SAND (SM)
- ORGANIC SOIL (OL)
- NATURAL LIMESTONE FORMATION

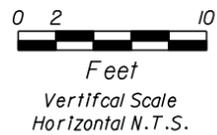
NOTES:

- 1) SPT BORINGS PERFORMED PER ASTM D-1586 WITH A HAMMER WEIGHT OF 140 LBS FALLING 30 INCHES.
- WATER TABLE AT TIME OF DRILLING
 - CASING USED
 - APPROXIMATE SPT BORING LOCATION
 - N INDICATE SPT VALUE FOR 12" PENETRATION (UNLESS OTHERWISE NOTED)
 - NMC NATURAL MOISTURE CONTENT (%)
 - 200 PERCENT PASSING #200 SIEVE (%)
 - OC ORGANIC CONTENT

ENVIRONMENTAL CLASSIFICATION:
 SUPERSTRUCTURE: EXTREMELY AGGRESSIVE
 SUBSTRUCTURE: EXTREMELY AGGRESSIVE

WATER:
 pH: 7.9-8.0
 CHLORIDE: 5,390-19,000 PPM
 SULFATE: 650-2,410 PPM
 RESISTIVITY: 8-19 OHM-CM

| GRANULAR MATERIALS-RELATIVE DENSITY | AUTOMATIC SPT HAMMER (BLOWS PER FOOT) |
|-------------------------------------|---------------------------------------|
| VERY LOOSE | LESS THAN 3 |
| LOOSE | 3-8 |
| MEDIUM DENSE | 8-24 |
| DENSE | 24-40 |
| VERY DENSE | GREATER THAN 40 |
| SILTS AND CLAYS CONSISTENCY | AUTOMATIC SPT HAMMER (BLOWS PER FOOT) |
| VERY SOFT | LESS THAN 1 |
| SOFT | 1-3 |
| FIRM | 3-6 |
| STIFF | 6-12 |
| VERY STIFF | 12-24 |
| HARD | GREATER THAN 24 |



OVERHEAD CANTILEVER SIGN

| REVISIONS | | | | | | ENGINEER OF RECORD: | | | DRAWN BY: | | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET TITLE: | | REF. DWG. NO. |
|-----------|----|-------------|------|----|-------------|---|--|--|--|--|--|---|--|----------------|------------------------|--|---------------|
| DATE | BY | DESCRIPTION | DATE | BY | DESCRIPTION | GEOSOL, INC. ORACIO RICCOBONO, P.E. PE LICENSE No. 49324 5795-A NW 151ST STREET MIAMI LAKES, FL 33014 PHONE: (305) 828-4367 CERTIFICATE OF AUTHORIZATION 8530 | | | ZS 02-16 CHECKED BY: JG 02-16 DESIGNED BY: AI 02-16 CHECKED BY: OR 02-16 | | | ROAD NO. COUNTY FINANCIAL PROJECT ID | | | REPORT OF CORE BORINGS | | |
| | | | | | | SR A1A MIAMI-DADE 434773-1-52-01 | | | SR A1A/COLLINS AVENUE FROM NORTH OF 4700 BLK TO 5800 BLK | | | | | | | | |
| | | | | | | | | | | | | | | SHEET NO. GT-7 | | | |

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

**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

CONTRACT PLANS

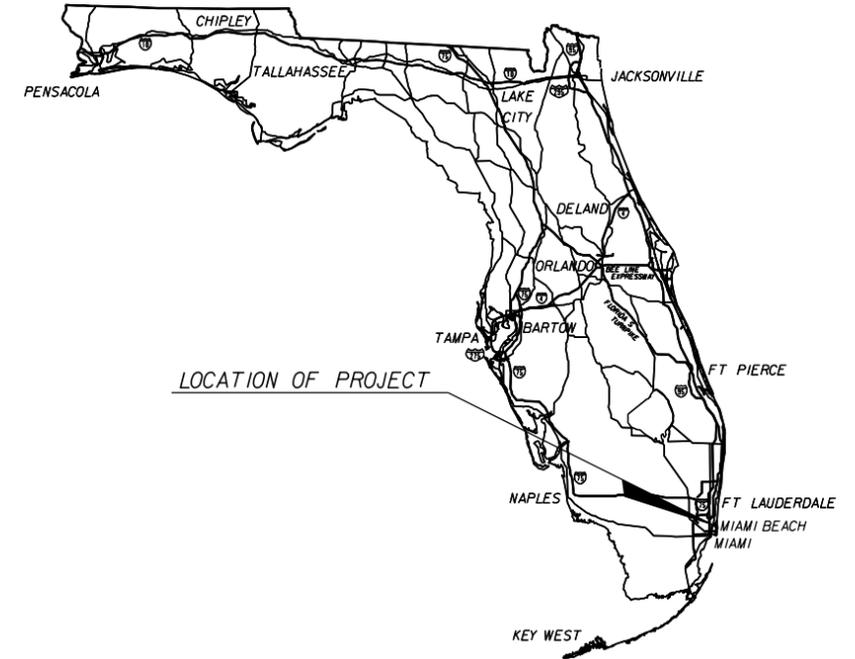
FINANCIAL PROJECT ID 434773-1-52-01
(FEDERAL FUNDS)

MIAMI-DADE COUNTY (87060)

STATE ROAD NO. AIA / COLLINS AVENUE

FROM S. OF 4900 BLOCK TO N. 5800 BLOCK

LANDSCAPE PLANS



INDEX OF LANDSCAPE PLANS

| | |
|------------------|---|
| LD-1 | KEY SHEET |
| LD-2 | TABULATION OF QUANTITIES/PLANT SCHEDULE |
| LD-3 THRU LD-6 | TREE DISPOSITION CHART |
| LD-7 | LANDSCAPE NOTES |
| LD-8 | PLAN LAYOUT |
| LD-9 THRU LD-21 | LANDSCAPE PLAN |
| LD-22 THRU LD-23 | IRRIGATION GENERAL NOTES |
| LD-24 | IRRIGATION DETAILS |
| LD-25 THRU LD-37 | IRRIGATION PLAN |
| LD-38 THRU LD-41 | LIGHTING SCHEDULE & NOTE |
| LD-42 THRU LD-54 | LIGHTING PLAN |

ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:

Brian R. Shore, RLA
MILLER LEGG
5747 North Andrews Way
Ft. Lauderdale, FL 33309

PLANS PREPARED BY:

MILLER LEGG
5747 North Andrews Way
Fort Lauderdale, Florida 33309-2364
www.millerlegg.com
954-436-7000 • Fax: 956-436-8664

Vendor: F-650563467
Certification of Authorization: LC0000337
Contract No: C-9191

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

REVISIONS:

| KEY SHEET REVISIONS | |
|---------------------|-------------|
| DATE | DESCRIPTION |
| | |

LANDSCAPE PLANS
LANDSCAPE
ARCHITECT OF RECORD: BRIAN R. SHORE

R.L.A. NO. 6666770

| FISCAL YEAR | SHEET NO. |
|-------------|-----------|
| 18 | LD-1 |

FDOT PROJECT MANAGER: ANA ARVELO, P.E.

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

TREE DISPOSITION CHART

*DESIGN VARIANCE ACCEPTANCE DATE: 00-00-0000

VERIFICATION DATE: 00-00-0000

| TREE NO. | BOTANICAL NAME | COMMON NAME | NATIVE | DBH (in) for trees/ CTH (ft.) for palms | SPREAD (FT.) | CANOPY AREA | DISPOSITION | STATION | OFFSET | NOTES/CONDITION |
|----------|---------------------|-----------------|--------|--|-----------------|----------------|-------------|---------|--------|--------------------|
| *42 | Ligustrum japonicum | Japanese Privet | NO | | 15 | 707 | REMOVE | | .08R | Fair |
| *43 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | 1.8L | Good/Fair |
| *44 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | .81L | Trunk Damage |
| *45 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | 1.5L | Good/Fair |
| 46 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | 46.9R | Good/Fair |
| 47 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | 46.1R | Leaning |
| 48 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | 48.3L | Leaning |
| 49 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | 48.3L | Leaning |
| 50 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | 47.4L | Trunk Damage |
| 51 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | | Good/Fair |
| 52 | Ligustrum japonicum | Japanese Privet | NO | | 15 | 707 | REMOVE | | 47.3L | Good/Fair |
| 53 | Ligustrum japonicum | Japanese Privet | NO | | 15 | 707 | REMOVE | | 47.0L | Good/Fair |
| *54 | Ligustrum japonicum | Japanese Privet | NO | | 15 | 707 | REMOVE | | 47.3L | Good/Fair |
| *55 | Ligustrum japonicum | Japanese Privet | NO | | 15 | 707 | REMOVE | | 1.3R | Good/Fair |
| *56 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | .19L | Good/Fair |
| 57 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | .98L | Good/Fair |
| 58 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | 12.4R | Good/Fair |
| *59 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | 11.9R | Good/Fair |
| *60 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | 12.2R | Good/Fair |
| *61 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | 10.5R | Good/Fair |
| 62 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | 9.31R | Good/Fair |
| 63 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | 18.0R | Good/Fair |
| 64 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | 16.8R | Good/Fair |
| 65 | Ligustrum japonicum | Japanese Privet | NO | | 15 | 707 | REMAIN | | 17.7R | Good/Fair |
| 66 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | 17.0R | Good/Fair |
| *67 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | 16.6R | Good/Fair |
| *68 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | 4.2R | Good/Fair |
| 69 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | 15.5R | Good/Fair |
| *70 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | 10.1R | Good/Fair |
| *71 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | 9.9R | Good/Fair |
| *72 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | 8.7R | Good/Fair |
| *73 | Ligustrum japonicum | Japanese Privet | NO | | 15 | 707 | REMOVE | | 7.0R | Good/Fair |
| 74 | Ligustrum japonicum | Japanese Privet | NO | | 15 | 707 | REMOVE | | 7.1R | Good/Fair |
| 75 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | 7.8R | Good/Fair |
| *76 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | 6.5R | Good/Fair |
| *77 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMOVE | | 7.9R | Major Trunk Damage |
| *78 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | 7.3R | Good/Fair |
| *79 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | 6.8R | Good/Fair |
| *80 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMOVE | | 7.3R | Trunk Damage |
| *81 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | 4.9R | Good/Fair |
| *82 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | 4.7R | Good/Fair |
| *83 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | 4.6R | Good/Fair |
| *84 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMOVE | | 4.4R | Trunk Damage |
| *85 | Ligustrum japonicum | Japanese Privet | NO | | 15 | 707 | REMOVE | | 4.5R | Good/Fair |
| *86 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | | Good/Fair |
| *87 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | | Leaning |
| *88 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | | Trunk Damage |
| *89 | Phoenix sylvestris | Sylvester Palm | NO | | 15 | 707 | REMAIN | | | Good/Fair |
| *90 | Phoenix sylvestris | Sylvester Palm | NO | | 15 | 707 | REMAIN | | | Good/Fair |
| *91 | Phoenix sylvestris | Sylvester Palm | NO | | 15 | 707 | REMAIN | | | Good/Fair |

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | TREE DISPOSITION CHART | SHEET NO. LD-4 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|-------------------------------|--------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | | |

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TREE DISPOSITION CHART

*DESIGN VARIANCE ACCEPTANCE DATE: 00-00-0000

VERIFICATION DATE: 00-00-0000

| TREE NO. | BOTANICAL NAME | COMMON NAME | NATIVE | DBH (in) for trees/ CTH (ft.) for palms | SPREAD (FT.) | CANOPY AREA | DISPOSITION | STATION | OFFSET | NOTES/CONDITION |
|----------|---------------------|------------------|--------|--|-----------------|----------------|-------------|---------|--------|---------------------|
| *92 | Phoenix sylvestris | Sylvester Palm | NO | | 15 | 707 | REMAIN | | | Good/Fair |
| *93 | Phoenix sylvestris | Sylvester Palm | NO | | 15 | 707 | REMAIN | | | Good/Fair |
| *94 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | | Good/Fair |
| *95 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | | Good/Fair |
| *96 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | | Good/Fair |
| *97 | Ligustrum japonicum | Japanese Privet | NO | | 6 | 113 | REMAIN | | | Poor |
| *98 | Ligustrum japonicum | Japanese Privet | NO | | 12 | 452 | REMAIN | | | Good/Fair |
| *99 | Ligustrum japonicum | Japanese Privet | NO | | 15 | 707 | REMAIN | | | Good/Fair |
| *100 | Ligustrum japonicum | Japanese Privet | NO | | 12 | 452 | REMAIN | | | Good/Fair |
| *101 | Phoenix canariensis | Canary Date Palm | NO | | 20 | 1257 | REMAIN | | | Leaning |
| *102 | Phoenix canariensis | Canary Date Palm | NO | | 20 | 1257 | REMAIN | | | Bent Trunk |
| *103 | Phoenix canariensis | Canary Date Palm | NO | | 20 | 1257 | REMAIN | | | Good |
| *104 | Phoenix canariensis | Canary Date Palm | NO | | 20 | 1257 | REMAIN | | | Good |
| *105 | Phoenix canariensis | Canary Date Palm | NO | | 20 | 1257 | REMAIN | | | Good |
| *106 | Phoenix canariensis | Canary Date Palm | NO | | 20 | 1257 | REMAIN | | | Frizzled Fronds |
| *107 | Phoenix canariensis | Canary Date Palm | NO | | 20 | 1257 | REMAIN | | | Good |
| *108 | Phoenix canariensis | Canary Date Palm | NO | | 20 | 1257 | REMAIN | | | Bent Trunk |
| *109 | Phoenix canariensis | Canary Date Palm | NO | | 20 | 1257 | REMAIN | | | Good |
| *110 | Phoenix canariensis | Canary Date Palm | NO | | 20 | 1257 | RELOCATE | | | Good |
| *111 | Roystonea elata | Royal Palm | YES | | 12 | 452 | REMOVE | | | Trunk Damage |
| *112 | Roystonea elata | Royal Palm | YES | | 12 | 452 | RELOCATE | | | Some Fronds Missing |
| *113 | Roystonea elata | Royal Palm | YES | | 15 | 707 | RELOCATE | | | Some Fronds Missing |
| *114 | Roystonea elata | Royal Palm | YES | | 15 | 707 | RELOCATE | | | Some Fronds Missing |
| *115 | Roystonea elata | Royal Palm | YES | | 15 | 707 | RELOCATE | | | Leaning |
| *116 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | | Good |
| *117 | Roystonea elata | Royal Palm | YES | | 15 | 707 | REMAIN | | | Most Fronds Missing |
| *118 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | | Good |
| *119 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | | Frizzled Fronds |
| *120 | Roystonea elata | Royal Palm | YES | | 15 | 707 | REMAIN | | | Frizzled Fronds |
| *121 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | | Good |
| *122 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | REMAIN | | | Frizzled Fronds |
| *123 | Ligustrum japonicum | Japanese Privet | NO | | 15 | 707 | REMOVE | | | Good/Fair |
| *124 | Ligustrum japonicum | Japanese Privet | NO | | 15 | 707 | REMOVE | | | Good/Fair |
| *125 | Ligustrum japonicum | Japanese Privet | NO | | 15 | 707 | REMOVE | | | Good/Fair |
| *126 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | | Some Fronds Missing |
| *127 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | | Good/Fair |
| *128 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | | Good/Fair |
| *129 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | | Bent Trunk |
| *130 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | | Frizzled Fronds |
| *131 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | | Good/Fair |
| *132 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | | Frizzled Fronds |
| *133 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | | Good/Fair |
| *134 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | | Good/Fair |
| *135 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | | Frizzled Fronds |
| *136 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | | Frizzled Fronds |
| *137 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | | Good/Fair |
| *138 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | | Bent Trunk |
| *139 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | | Bent Trunk |
| *140 | Roystonea elata | Royal Palm | YES | | 20 | 1257 | RELOCATE | | | Good/Fair |
| *141 | Ligustrum japonicum | Japanese Privet | NO | | 12 | 452 | REMOVE | | | Good/Fair |

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 | | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | TREE DISPOSITION CHART | SHEET NO. LD-5 |
|-----------|-------------|------|-------------|---|--------|----------------------|--|--|--|-------------------------------|--------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | | | | |
| | | | | MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | SR A1A | MIAMI-DADE | 434773-1-52-01 | | | | |

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LANDSCAPE NOTES

- 1) DESCRIPTION.
INSTALL, ESTABLISH AND MAINTAIN LANDSCAPING AS INDICATED IN THE CONTRACT DOCUMENTS.
- 2) MATERIALS.
2-1) PLANTS:
2-1.1) GRADE STANDARDS AND CONFORMITY WITH TYPE AND SPECIES:
ONLY USE NURSERY GROWN PLANT MATERIALS PURCHASED FROM FLORIDA BASED NURSERYMAN STOCK THAT COMPLY WITH ALL REQUIRED INSPECTION, GRADING STANDARDS, AND PLANT REGULATIONS IN ACCORDANCE WITH THE LATEST EDITION OF THE FLORIDA DEPARTMENT OF AGRICULTURE'S "GRADES AND STANDARDS FOR NURSERY PLANTS." UNLESS OTHERWISE SPECIFIED, MINIMUM GRADE FOR ALL PLANTS IS FLORIDA NO. 1 OR BETTER. ALL PLANTS MUST BE THE SPECIFIED SIZE AND GRADE AT THE TIME OF DELIVERY TO THE SITE AND THE MINIMUM GRADE MAINTAINED THROUGHOUT THE PROJECT CONSTRUCTION PERIOD AND PLANT ESTABLISHMENT PERIOD. USE ONLY PLANTS THAT ARE TRUE TO TYPE AND SPECIES AND ENSURE THAT THE PLANTS NOT SPECIFICALLY COVERED BY FLORIDA DEPARTMENT OF AGRICULTURE'S "GRADES AND STANDARDS FOR NURSERY PLANTS" CONFORM IN TYPE AND SPECIES WITH THE STANDARDS AND DESIGNATIONS IN GENERAL ACCEPTANCE BY FLORIDA NURSERIES. PRIOR TO PLANTING, FURNISH CERTIFICATION TO THE ENGINEER THAT ALL PLANT MATERIALS HAVE BEEN PURCHASED FROM FLORIDA BASED NURSERYMAN STOCK. A MINIMUM OF TWO PLANTS OF EACH SPECIES ON EACH SHIPMENT MUST BE SHIPPED WITH TAGS STATING THE BOTANICAL NOMENCLATURE AND COMMON NAME OF THE PLANT. SHOULD DISCREPANCIES BETWEEN BOTANICAL NOMENCLATURE AND COMMON NAME ARISE, THE BOTANICAL NAME WILL TAKE PRECEDENCE.
- 2-1.2) INSPECTION AND TRANSPORTING:
MOVE NURSERY STOCK IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS THEREFOR, AND ACCOMPANY EACH SHIPMENT WITH THE REQUIRED INSPECTION CERTIFICATES FOR FILING WITH THE LANDSCAPE ARCHITECT.
- 2-2) WATER:
MEET THE REQUIREMENTS OF SECTION 983.
- 3) SPECIFIC REQUIREMENTS FOR THE VARIOUS PLANT DESIGNATIONS.
3-1) DELIVERY:
ALL MATERIALS MUST BE AVAILABLE FOR INSPECTION BEFORE INSTALLATION AND WILL BE SUBJECT TO APPROVAL OR REJECTION.
- 3.2) LAYOUT:
MARK PROPOSED PLANTING BEDS AND INDIVIDUAL LOCATIONS OF TREES AND PALMS AS SHOWN IN THE CONTRACT DOCUMENTS FOR ENGINEER'S REVIEW. PRIOR TO EXCAVATION OR PLANTING. THE ENGINEER MAY REQUEST TO REVIEW ALL PROPOSED CONSTRUCTION AND MAINTENANCE PRACTICES BEFORE THE START OF THE OPERATIONS. MAKE NO CHANGES TO THE LAYOUT, MATERIALS OR ANY VARIATIONS OF PLANT MATERIALS FROM THE CONTRACT DOCUMENTS WITHOUT THE ENGINEER'S WRITTEN APPROVAL.
- 3.3) SOIL DRAINAGE:
ALL PLANTING HOLES AND BEDS MUST DRAIN SUFFICIENTLY PRIOR TO INSTALLING ANY PLANTS. IMMEDIATELY NOTIFY THE ENGINEER OF DRAINAGE OR PERCOLATION PROBLEMS BEFORE PLANT INSTALLATION.
- 3.4) INSTALLATION OF PLANTS:
FOR INSTALLATION OF THE PLANTS AS IDENTIFIED IN THE CONTRACT DOCUMENTS, COMPLY WITH THE REQUIREMENTS OF THE DESIGN STANDARDS, INDEX NO. 544. 766 PERSONNEL PERFORMING THESE SERVICES ARE UNDER THE SOLE RESPONSIBILITY AND SUPERVISION OF THE CONTRACTOR AND MUST BE COMPETENT, EXPERIENCED, AND SKILLED IN ALL ASPECTS OF THE REQUIRED LANDSCAPE INSTALLATION AND ESTABLISHMENT PRACTICES.
- 3.5) CONTRACTOR'S RESPONSIBILITY FOR CONDITION OF THE PLANTINGS:
BEGIN MAINTENANCE OF ALL PLANTS IMMEDIATELY AFTER EACH PLANTING. KEEP ALL PLANTS WATERED, FERTILIZED, MULCHED, PRUNED, AND STAKED AND GUYED AS NECESSARY TO ASSURE SPECIFIED MINIMUM GRADE OF FLORIDA NO. 1 THROUGHOUT THE DURATION OF THE PROJECT CONSTRUCTION PERIOD AND ESTABLISHMENT PERIOD. DURING THE ESTABLISHMENT PERIOD, KEEP THE INDIVIDUAL PLANTING LOCATIONS AND PLANTING BEDS FREE OF LITTER AND UNDESIRABLE VEGETATION. ENSURE THAT THE PLANTS ARE MAINTAINED SO THAT THEY ARE HEALTHY, VIGOROUS, AND UNDAMAGED THROUGHOUT THE DURATION OF THE PROJECT CONSTRUCTION PERIOD AND ESTABLISHMENT PERIOD. FOR THE DURATION OF THE ESTABLISHMENT PERIOD, OPERATE AND MAINTAIN IN GOOD OPERATING CONDITION, ALL COMPONENTS OF ANY IRRIGATION SYSTEM INSTALLED IN COMPLIANCE WITH THE CONTRACT DOCUMENTS. DURING THE ESTABLISHMENT PERIOD, REPLACE ANY PLANTS THAT FALL BELOW SPECIFIED MINIMUM GRADE. USE REPLACEMENT PLANTS OF THE SAME SPECIES, SIZE AND PLANTING MEDIUM AS THE PLANT BEING REPLACED AND AS SPECIFIED IN THE CONTRACT DOCUMENTS.
- 3.6) INSPECTION REQUIREMENTS:
CERTIFY MONTHLY, ON A FORM PROVIDED BY THE DEPARTMENT, THAT THE PLANTS HAVE BEEN INSTALLED AND ARE BEING MAINTAINED PER THE CONTRACT DOCUMENTS. A REGISTERED LANDSCAPE ARCHITECT ACTING AS THE CONTRACTOR'S LANDSCAPE QUALITY CONTROL REPRESENTATIVE WILL OVERSEE THE ESTABLISHMENT PERIOD. THE CONTRACTOR'S LANDSCAPE QUALITY CONTROL REPRESENTATIVE MUST PERFORM QUARTERLY INSPECTIONS OF PLANTING AREAS AND SUBMIT FINDINGS IN REPORT FORM TO THE DEPARTMENT. INFORMATION TO BE INCLUDED IN INSPECTION REPORT FROM THE CONTRACTOR'S QUALITY CONTROL REPRESENTATIVE MUST INCLUDE AS A MINIMUM THE FOLLOWING:
DATE OF INSPECTION
DESCRIPTION OF PROJECT
LOCATION OF INSPECTION
WEATHER CONDITIONS
CONDITION OF PLANTS - IDENTIFY BY SPECIES, LOCATION, AND NUMBER OF PLANTS THAT ARE NO LONGER THE SPECIFIED MINIMUM.
CONDITION OF PLANTING BEDS (INCLUDING MULCHING, MOWING, WEEDING, FERTILIZING, WATERING, AND STAKING AND GUYING), IF APPLICABLE
OTHER COMMENTS
SIGNATURE AND SEAL OF CONTRACTOR'S LANDSCAPE QUALITY CONTROL REPRESENTATIVE.
SUBMIT THE CERTIFIED INSPECTION REPORT TO THE ENGINEER WITHIN SEVEN CALENDAR DAYS AFTER PERFORMING THE INSPECTION. ANY CORRECTIONS TO THE INSPECTION REPORT MUST BE REVISED/CORRECTED AND RESUBMITTED WITHIN THREE CALENDAR DAYS AFTER NOTIFICATION BY THE ENGINEER. ANY DEFICIENCIES NOTED ON THE INSPECTION REPORT MUST BE CORRECTED WITHIN TEN DAYS OF NOTIFICATION FROM THE DEPARTMENT. PERIODIC, RANDOM VERIFICATIONS WILL BE PERFORMED BY THE DEPARTMENT TO ENSURE THE QUALITY OF THE PLANTS AND CORRECTNESS OF THE CERTIFIED LANDSCAPE INSPECTION REPORT. ANY UNRESOLVED DISPUTES THAT ARISE BETWEEN THE QUALITY CONTROL REPORTING AND THE VERIFICATIONS PERFORMED BY THE DEPARTMENT WILL BE REFERRED TO THE STATEWIDE DISPUTES REVIEW BOARD.
- 4) DISPOSAL OF SURPLUS MATERIALS AND DEBRIS.
4-1) LAYOUT: REMOVE FROM THE JOBSITE ANY SURPLUS EXCAVATED MATERIAL FROM PLANT HOLES UNLESS OTHERWISE DIRECTED BY THE ENGINEER. SURPLUS IS DEFINED AS MATERIAL NOT NEEDED AFTER INSTALLATION OF PLANTS PER CONTRACT DOCUMENTS. UPON COMMENCEMENT OF THE PLANT INSTALLATION, REMOVE DAILY ALL LANDSCAPE INSTALLATION DEBRIS FROM THE LANDSCAPE LOCATIONS DESCRIBED IN THE CONTRACT DOCUMENTS. REMOVE ALL EXCESS STAKING AND GUYING MATERIALS FROM THE JOBSITE.

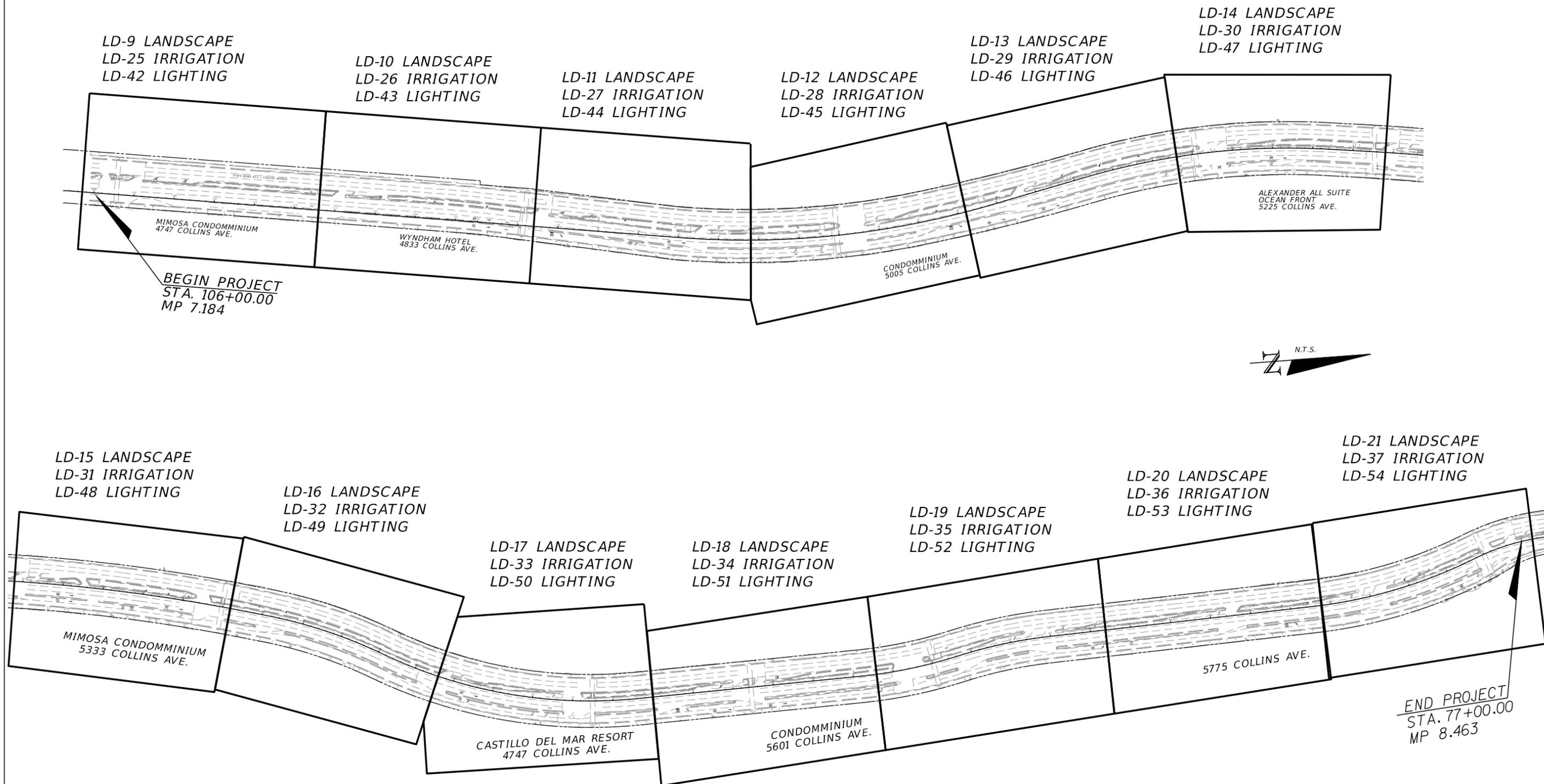
LANDSCAPE NOTES (CONTINUED)

- 5) VERIFY SITE CONDITIONS BEFORE BIDDING. INSTALLATIONS MAY REQUIRE ADDITIONAL EQUIPMENT FOR SPECIFIC SITE CONDITIONS.
- 6) BEFORE THE PRECONSTRUCTION MEETING, SUBMIT:
6-1) UNIT COST BREAKDOWN FOR EACH ITEM OF WORK;
6-2) WEED CONTROL PRODUCT INFORMATION AND APPLICATION PROCEDURES;
6-3) SOIL AMENDMENT PRODUCT INFORMATION AND APPLICATION PROCEDURES;
6-4) WATERING APPLICATION PROCEDURES;
6-5) FERTILIZER PRODUCT INFORMATION AND APPLICATION PROCEDURES;
- 7) A CERTIFIED LANDSCAPE CONTRACTOR SHALL DIRECT LANDSCAPE OPERATIONS.
- 8) SOIL AMENDMENT:
BACKFILL PLANTING HOLES WITH A 50/50 MIX OF 100 PERCENT DECOMPOSED COMPOST AND EXISTING SOIL.
- 9) TREE PROTECTION:
BARRICADE AND PROTECT EXISTING PLANTS ADJACENT TO INSTALLATION ACTIVITIES. SUBMIT A SHOP DRAWING OF THE PROTECTION METHOD TO THE DISTRICT LANDSCAPE ARCHITECT FOR REVIEW BEFORE THE PRECONSTRUCTION MEETING, REPLACE PLANTS DAMAGED OR DESTROYED BY CONSTRUCTION WITH THE SAME SPECIES, SIZE, AND QUALITY, OR BETTER.
- 10) SOIL AMENDMENT:
BACKFILL PLANTING HOLES WITH A 50/50 MIX OF 100 PERCENT DECOMPOSED COMPOST AND EXISTING SOIL. MIX INTO PLANTING HOLES DURING INSTALLATION. REMOVE ROCKS OVER 1 INCH. WHERE SOIL EXCAVATION IS SPECIFIED, BACKFILL WITH CLEAN SAND. MUST BE FREE OF WEEDS AND ROCKS 1-1/2 INCH OR GREATER. PRIOR TO THE PRE-CONSTRUCTION MEETING, SUBMIT COMPOST MANUFACTURER'S CERTIFIED ANALYSIS TO THE ENGINEER FOR APPROVAL. THE CONTRACTOR SHALL PAY TO HAVE COMPOST TESTED IF REQUESTED BY THE ENGINEER.
- 11) INSTALL NEW TURF AND RESTORATION TURF A MINIMUM OF 30 DAYS BEFORE FINAL ACCEPTANCE. MOW JUST ONCE BEFORE FINAL ACCEPTANCE.
- 12) LITTER REMOVAL AND MOWING:
LITTER REMOVAL AND MOWING SHALL BE PERFORMED THROUGHOUT THE 1 YEAR PLANT ESTABLISHMENT PERIOD. THIS INCLUDES SOD AREAS, BOTH NEW AND EXISTING.

RELOCATION NOTES

- 1) TREE RELOCATION REQUIREMENTS:
1-1) FOLLOW LANDSCAPE NOTES AND FDOT STANDARD SPECIFICATIONS AND DESIGN STANDARDS TO RELOCATED TREES.
1-2) ATTACH TREE IDENTIFICATION TAGS THAT MATCH THE PLAN NUMBERS. SUBMIT A SHOP DRAWING OF THE TAGGING METHOD TO THE DISTRICT LANDSCAPE ARCHITECT FOR REVIEW BEFORE THE PRECONSTRUCTION MEETING.
1-3) INSTALL TREES WITHIN 24 HOURS OF REMOVAL FROM THEIR ORIGINAL LOCATION TO LOCATIONS PROVIDED BY THE DISTRICT LANDSCAPE ARCHITECT WITHIN 15 MILES OF THEIR ORIGINAL LOCATION.
1-4) WATER THE ROOT ZONES TO FIELD CAPACITY FOR 5 CONTINUOUS DAYS BEFORE ROOT PRUNING.
1-5) ROOT PRUNE 8 WEEKS BEFORE RELOCATION.
1-6) ROOT PRUNE WITH EQUIPMENT TO SEVER ROOTS. ENSURE ROOTS ARE NOT TORN OR PULLED APART. SUBMIT ROOT PRUNING PROCEDURES BEFORE THE PRECONSTRUCTION MEETING.
1-7) FORM A ROOTBALL SIZE IN COMPLIANCE WITH FLORIDA GRADES AND STANDARDS FLORIDA NUMBER ONE OR BETTER.
1-8) FILL TRENCH AFTER TREE REMOVAL WITH SUITABLE MATERIAL.
- 2) PALMS TO BE RELOCATED WITHIN US-1 CORRIDOR WITHIN 10 MILES OF PROJECT. PALMS TO BE RELOCATED WITHIN 90 DAYS OF NOTICE TO PROCEED (N.T.P.)
- 3) SHRUBS ARE TO BE INSTALLED A MINIMUM OF 90 DAYS PRIOR TO FINAL ACCEPTANCE.
- 4) RESTORE EXISTING SHRUBS AS NECESSARY IN AREAS IMPACTED BY ROADWAY PROJECT. COORDINATE WITH THE CITY OF CORAL GABLES (MAINTAINING AGENCY).
- 5) MATCH GRADE WHEN RESTORING MEDIAN BERM.
- 6) PLANT IXORA TO FOLLOW THE CURVE OF THE EXISTING PLANTS.
- 7) MAINTAIN 4' SOD STRIP BETWEEN IXORA AND MEDIAN TAPER PLANTS.

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-7 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|--------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 433490-1-52-01 | |

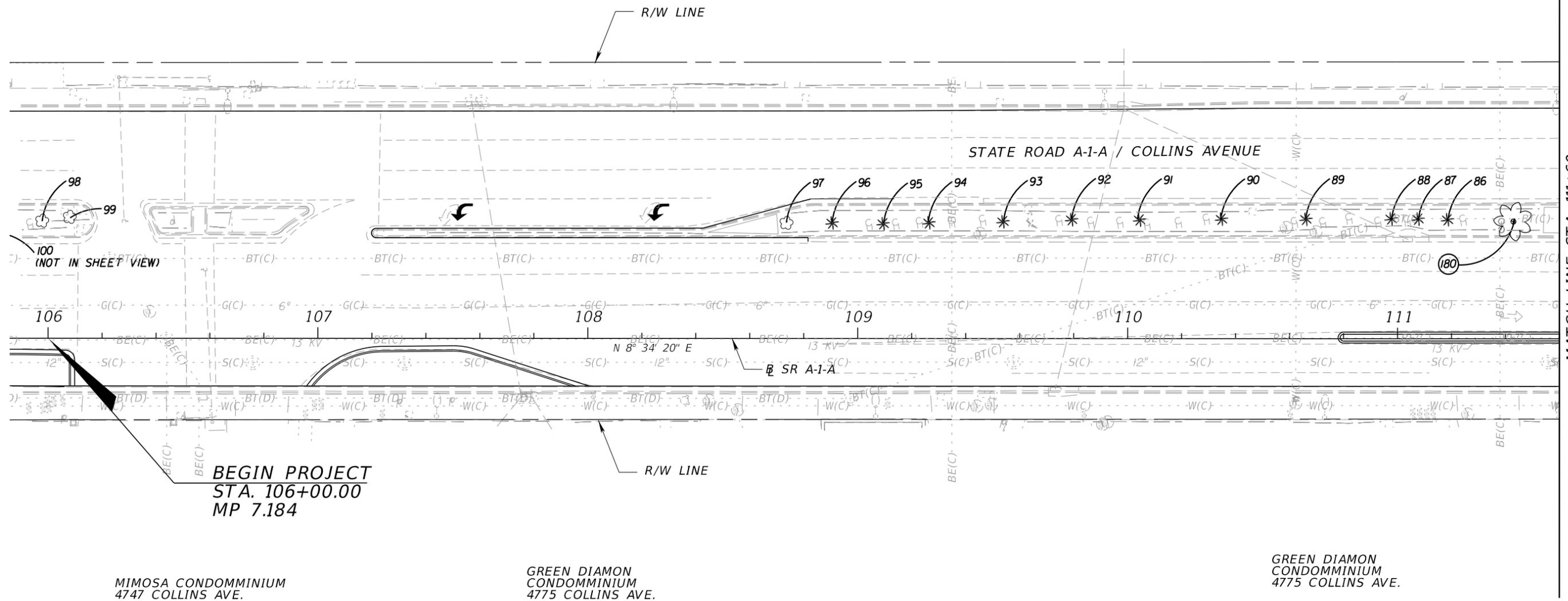
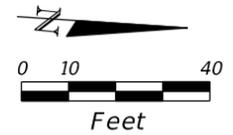


| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-8 |
|-----------|-------------|------|-------------|--|--|----------------|----------------------|-----------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | PLAN LAYOUT | |

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TREE LEGEND:

- * PALM TO REMAIN
-  PALM TO BE RELOCATED
-  RELOCATED PALM
-  TREE TO BE REMOVED



MATCH LINE STA. 111+60

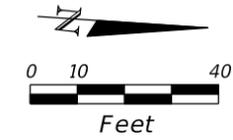
MIMOSA CONDOMINIUM
4747 COLLINS AVE.

GREEN DIAMON
CONDOMINIUM
4775 COLLINS AVE.

GREEN DIAMON
CONDOMINIUM
4775 COLLINS AVE.

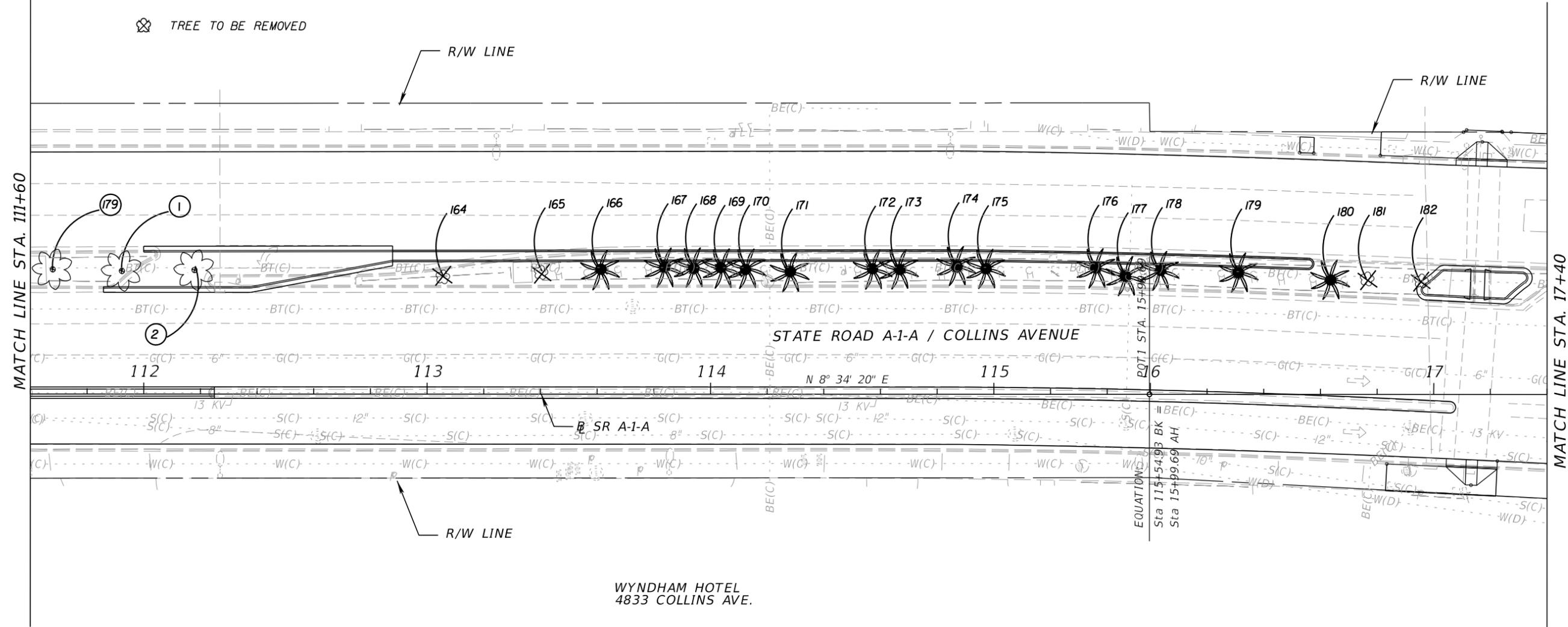
| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | LANDSCAPE PLAN | SHEET NO. |
|-----------|-------------|------|-------------|--|--|------------|----------------------|----------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | | LD-9 |

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TREE LEGEND:

- * PALM TO REMAIN
- PALM TO BE RELOCATED
- RELOCATED PALM
- TREE TO BE REMOVED



WYNDHAM HOTEL
4833 COLLINS AVE.

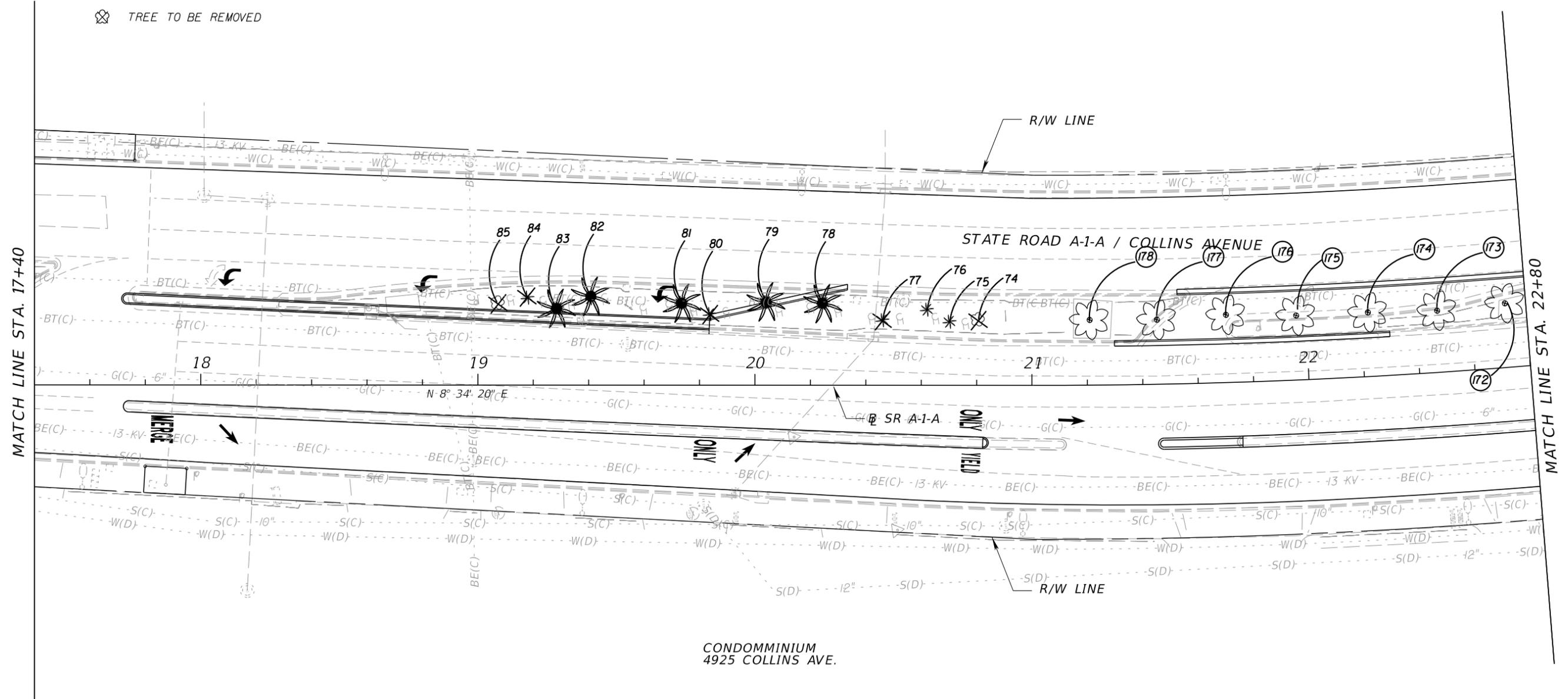
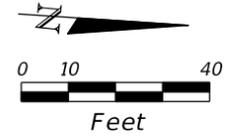
| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-10 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | |

LANDSCAPE PLAN

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TREE LEGEND:

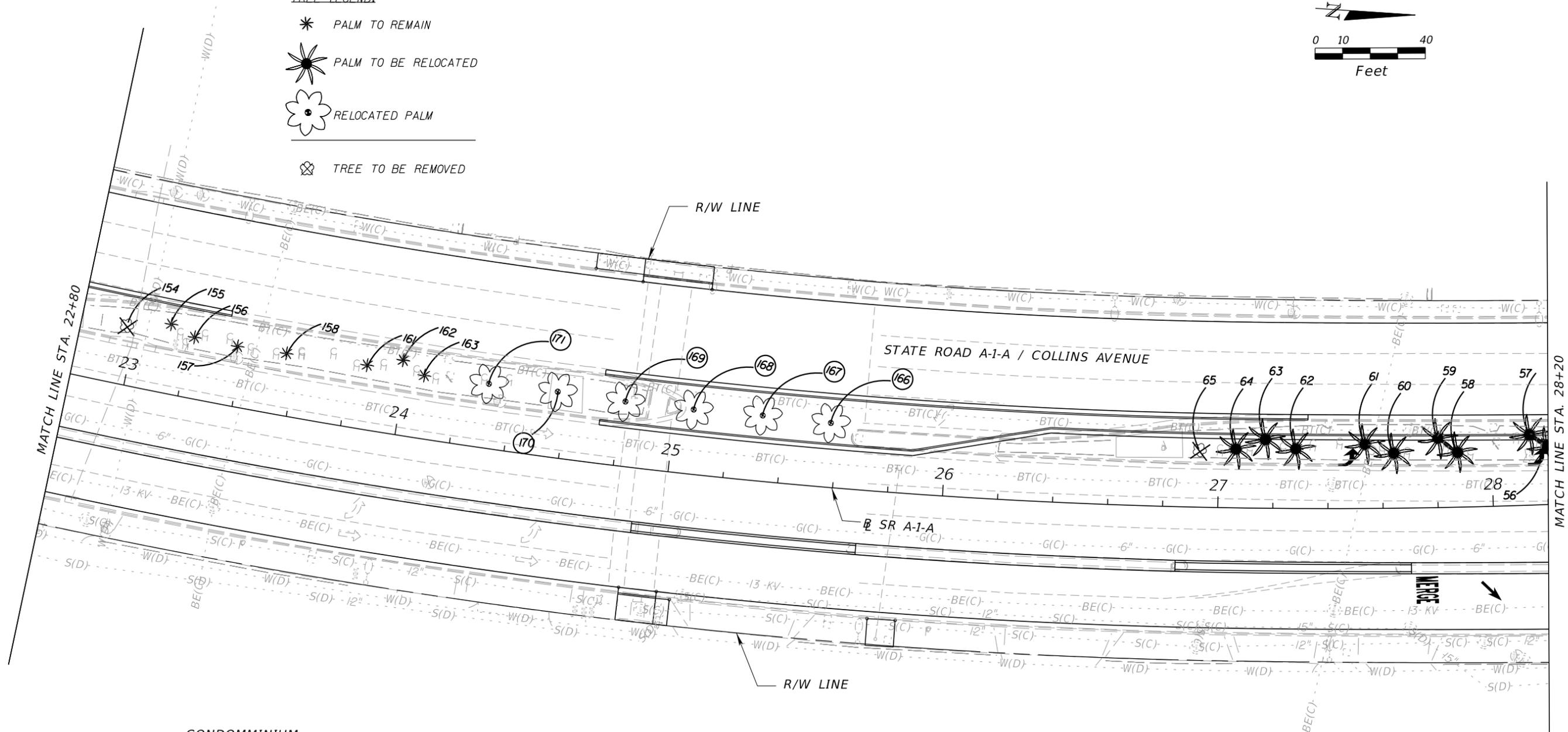
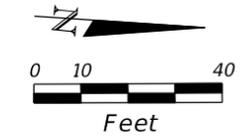
- * PALM TO REMAIN
-  PALM TO BE RELOCATED
-  RELOCATED PALM
-  TREE TO BE REMOVED



| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | LANDSCAPE PLAN | SHEET NO. LD-11 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|----------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | | |

TREE LEGEND:

- * PALM TO REMAIN
-  PALM TO BE RELOCATED
-  RELOCATED PALM
-  TREE TO BE REMOVED

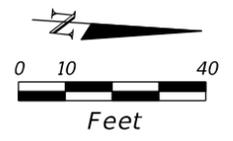


CONDOMINIUM
5005 COLLINS AVE.

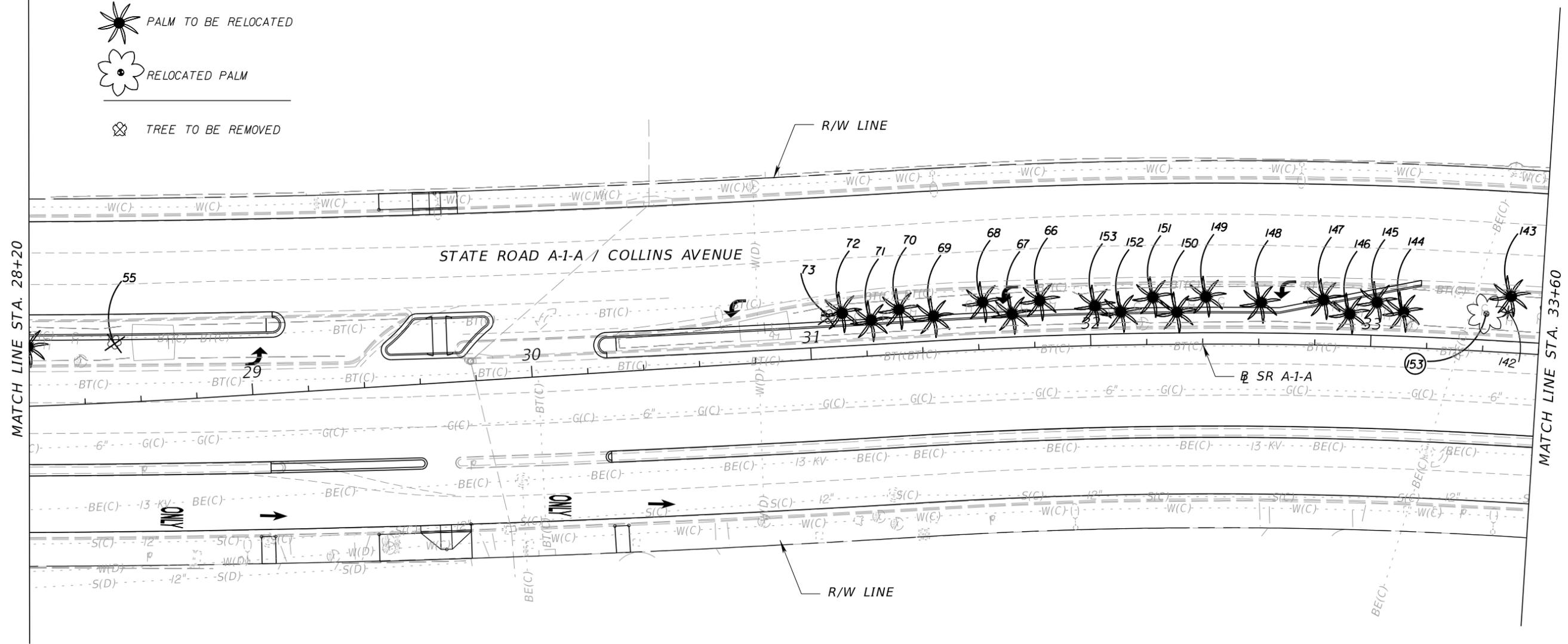
CONDOMINIUM
5005 COLLINS AVE.

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | LANDSCAPE PLAN | SHEET NO. |
|-----------|-------------|------|-------------|--|--|------------|----------------------|----------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | | |

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.001, F.A.C.



- TREE LEGEND:**
- * PALM TO REMAIN
 - ✳ PALM TO BE RELOCATED
 - ✿ RELOCATED PALM
 - ⊗ TREE TO BE REMOVED

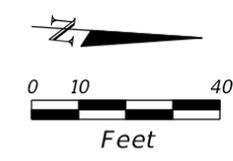


SEACOST SUITES
5101 COLLINS AVE.

MIMOSA CONDOMMINIUM
5151 COLLINS AVE.

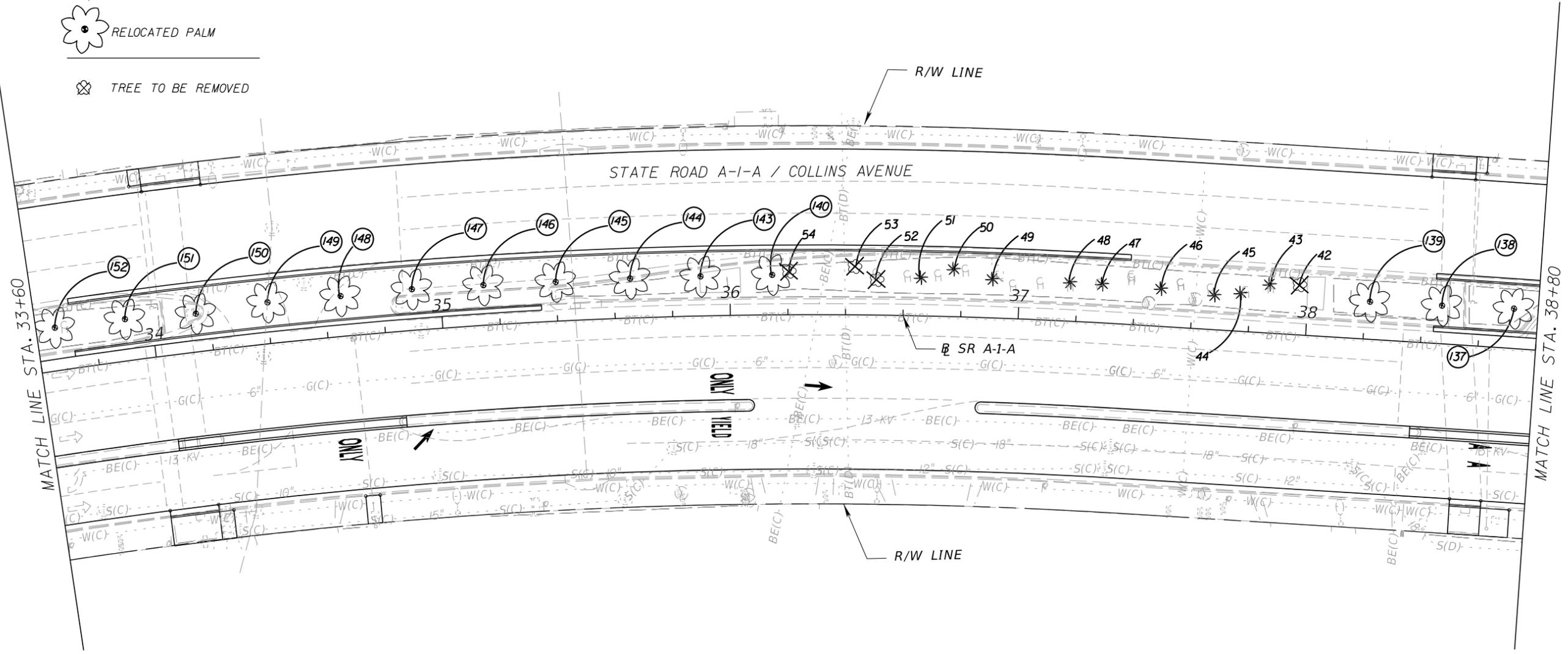
| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | LANDSCAPE PLAN | SHEET NO. |
|-----------|-------------|------|-------------|---|--|------------|----------------------|----------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | | LD-13 |

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TREE LEGEND:

- * PALM TO REMAIN
- PALM TO BE RELOCATED
- RELOCATED PALM
- TREE TO BE REMOVED



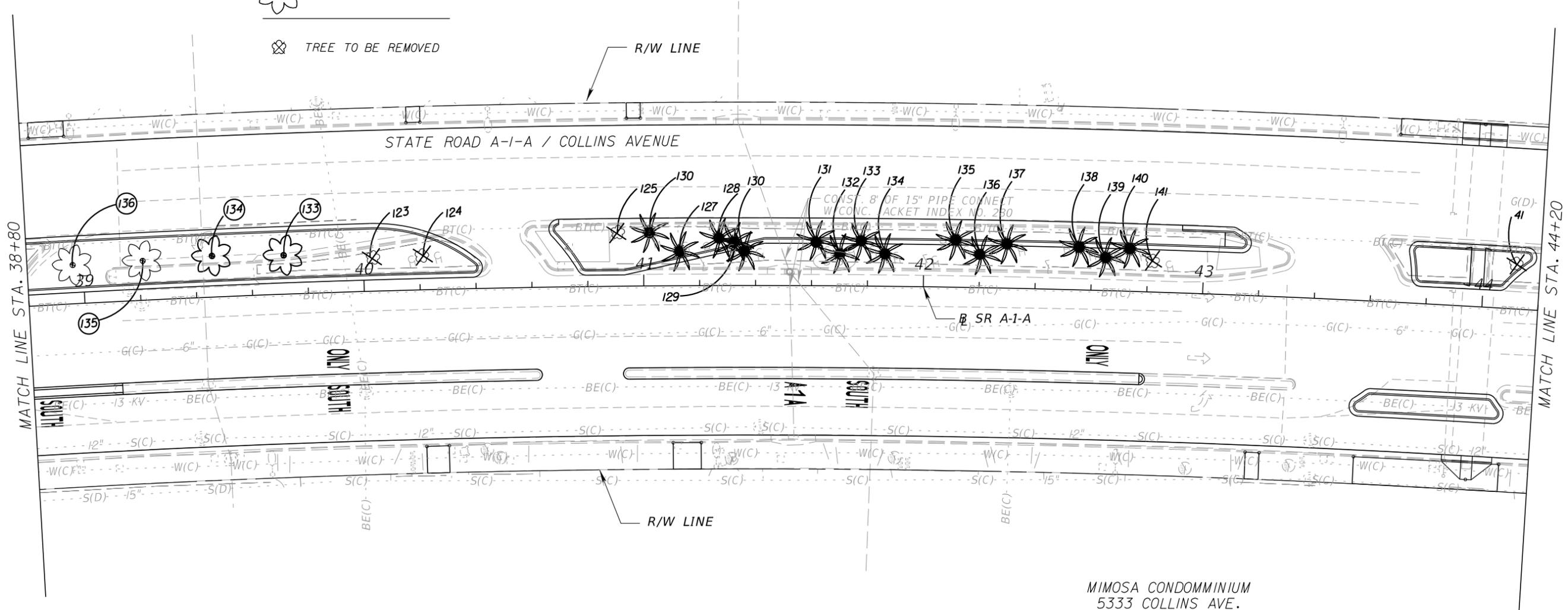
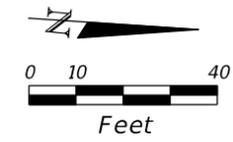
ALEXANDER ALL SUITE
 OCEAN FRONT
 5225 COLLINS AVE.

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-14 |
|-----------|-------------|------|-------------|--|--|----------------|----------------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | | |

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TREE LEGEND:

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-  PALM TO BE RELOCATED
-  RELOCATED PALM
-  TREE TO BE REMOVED



| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-15 |
|-----------|-------------|------|-------------|--|--|----------------|----------------------|------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | | |

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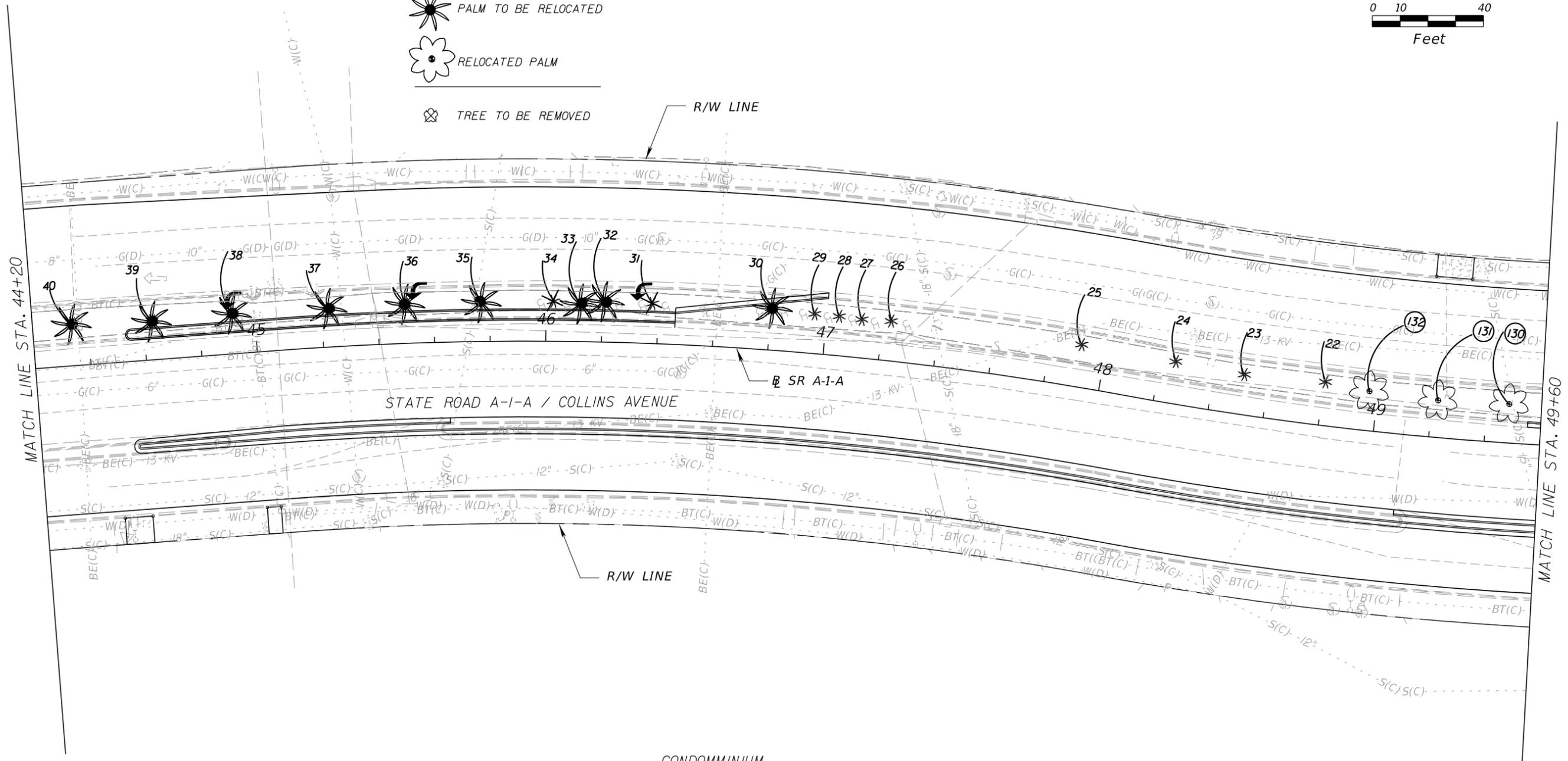
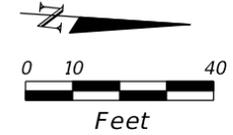
TREE LEGEND:

* PALM TO REMAIN

 PALM TO BE RELOCATED

 RELOCATED PALM

 TREE TO BE REMOVED

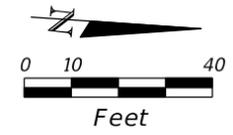


CONDOMINIUM
5415 COLLINS AVE.

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-16 |
|-----------|-------------|------|-------------|--|--|----------------|----------------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | | |

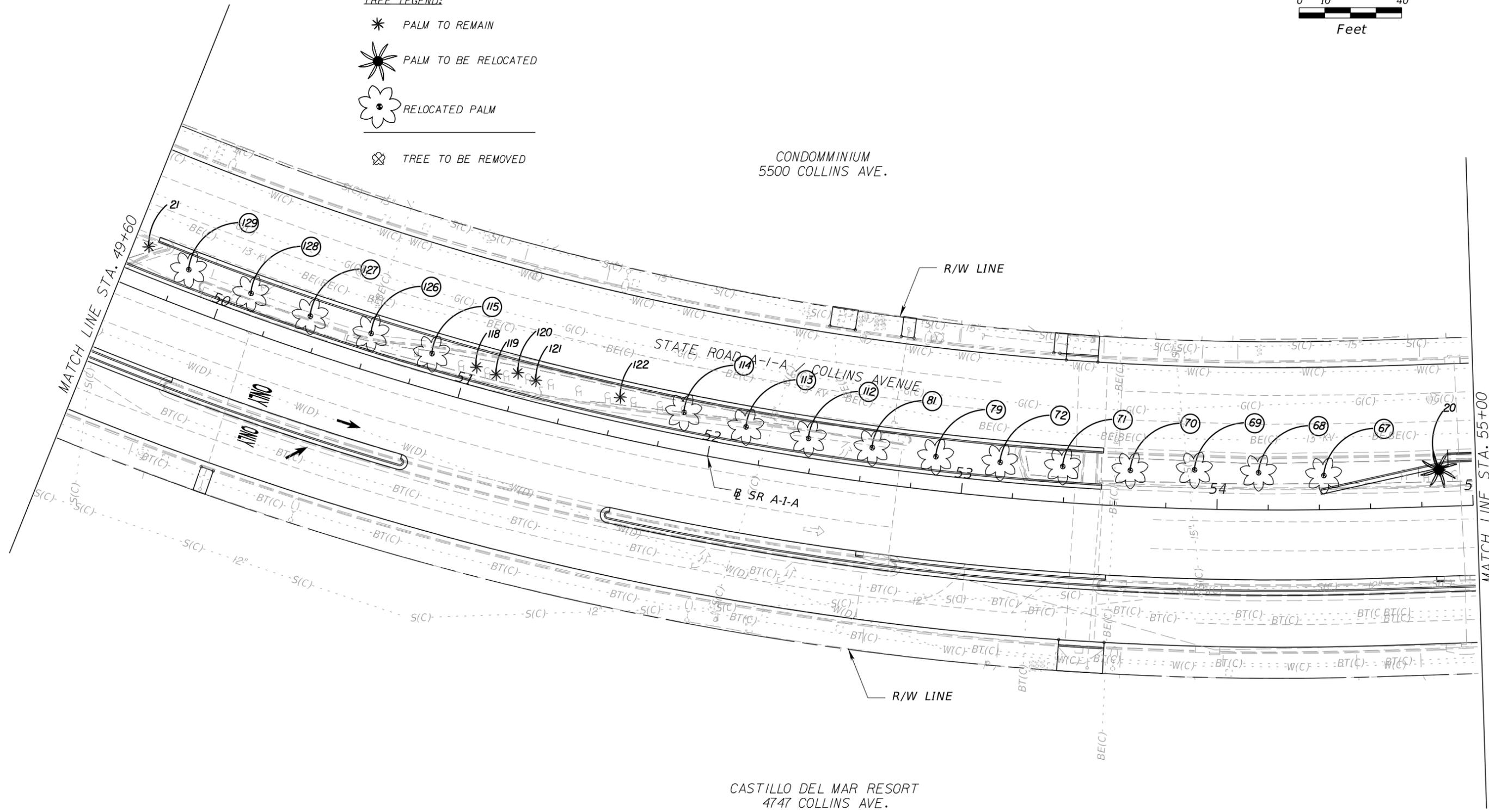
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.001, F.A.C.

- TREE LEGEND:**
- * PALM TO REMAIN
 - ✳ PALM TO BE RELOCATED
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 - ⊗ TREE TO BE REMOVED



CONDOMINIUM
5500 COLLINS AVE.

CASTILLO DEL MAR RESORT
4747 COLLINS AVE.



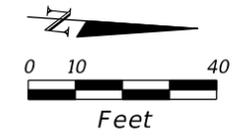
| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-17 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | |

LANDSCAPE PLAN

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TREE LEGEND:

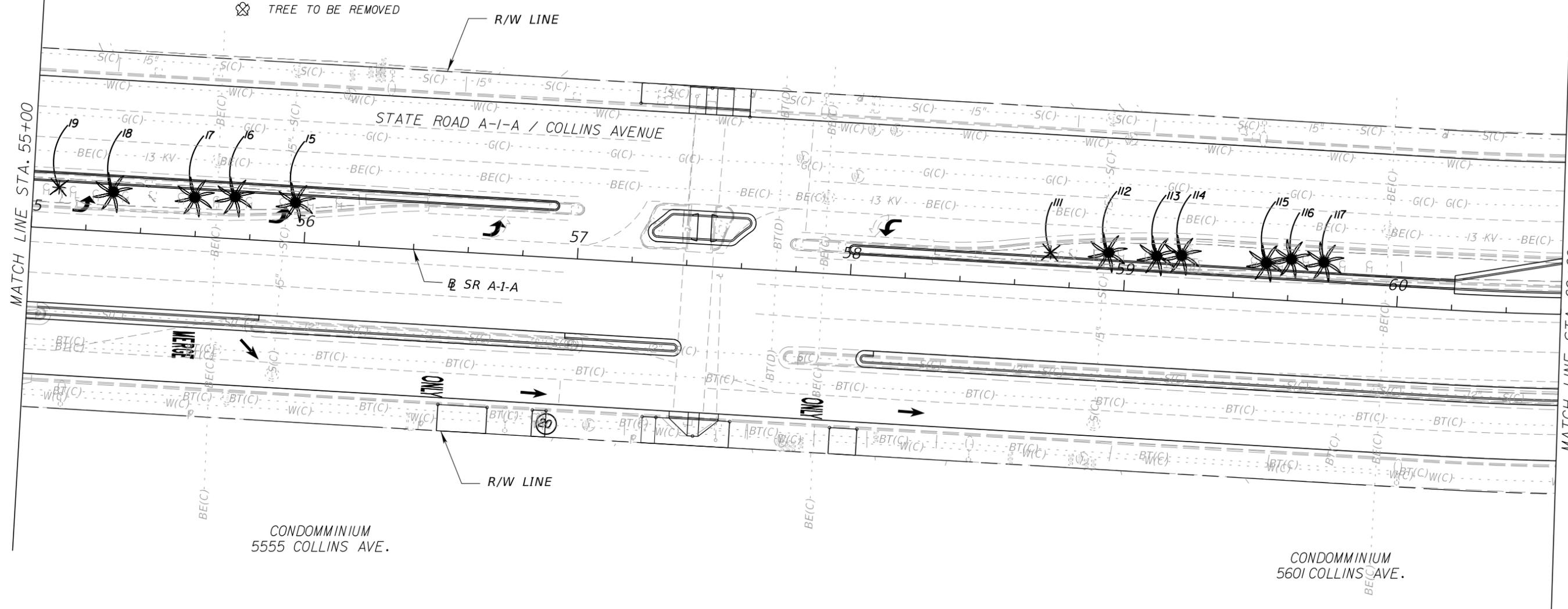
- * PALM TO REMAIN
- ✳ PALM TO BE RELOCATED
- ✿ RELOCATED PALM
- ⊗ TREE TO BE REMOVED



CONDOMINIUM
5600 COLLINS AVE.

MATCH LINE STA. 55+00

MATCH LINE STA. 60+60



| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

Landscape Architect of Record:
 Brian R. Shore LA-6666770
 MILLER LEGG
 5747 North Andrews Way
 Fort Lauderdale, Florida 33309-2364
 954-436-7000 • Fax: 956-436-8664
 Certification of Auth.: LC0000337

| | | |
|--|------------|----------------------|
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR A1A | MIAMI-DADE | 434773-1-52-01 |

LANDSCAPE PLAN

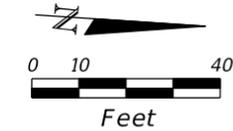
SHEET NO.
LD-18

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.01, F.A.C.

CONDOMINIUM
5600 COLLINS AVE.

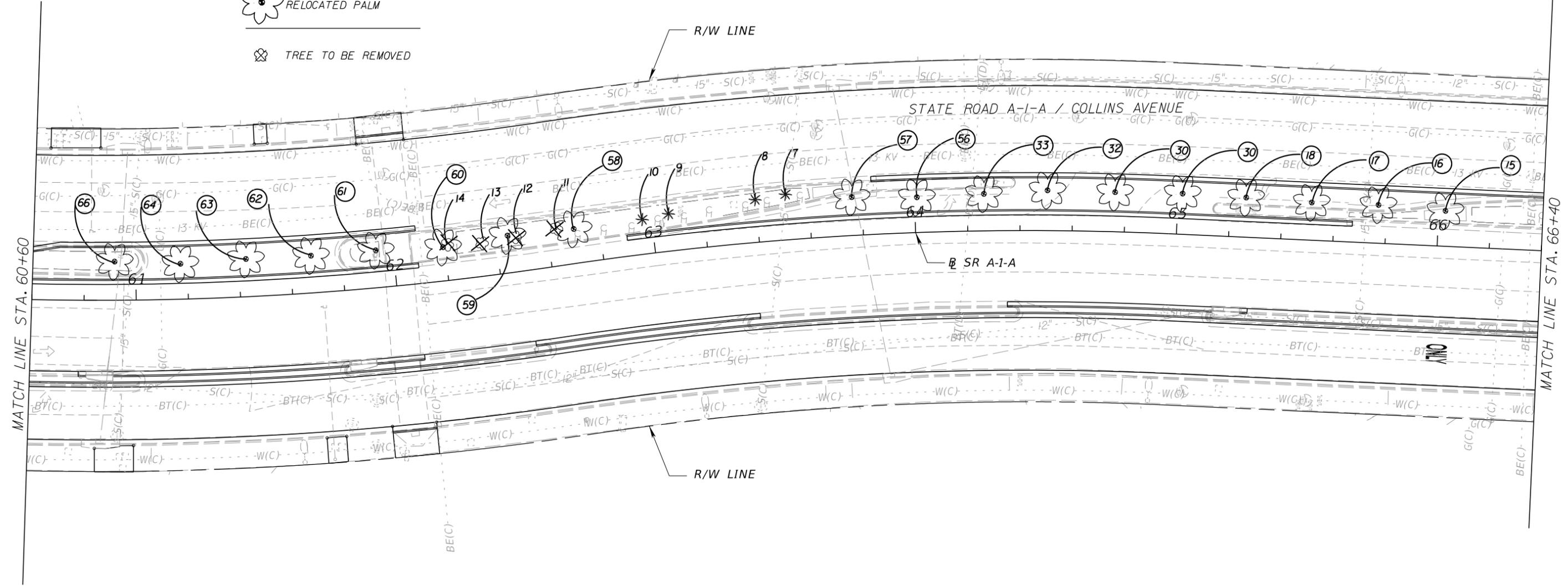
TREE LEGEND:

- * PALM TO REMAIN
-  PALM TO BE RELOCATED
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CONDOMINIUM
5660 COLLINS AVE.

CONDOMINIUM
5700 COLLINS AVE.



MATCH LINE STA. 60+60

MATCH LINE STA. 66+40

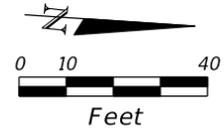
CONDOMINIUM
5701 COLLINS AVE.

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-19 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | |

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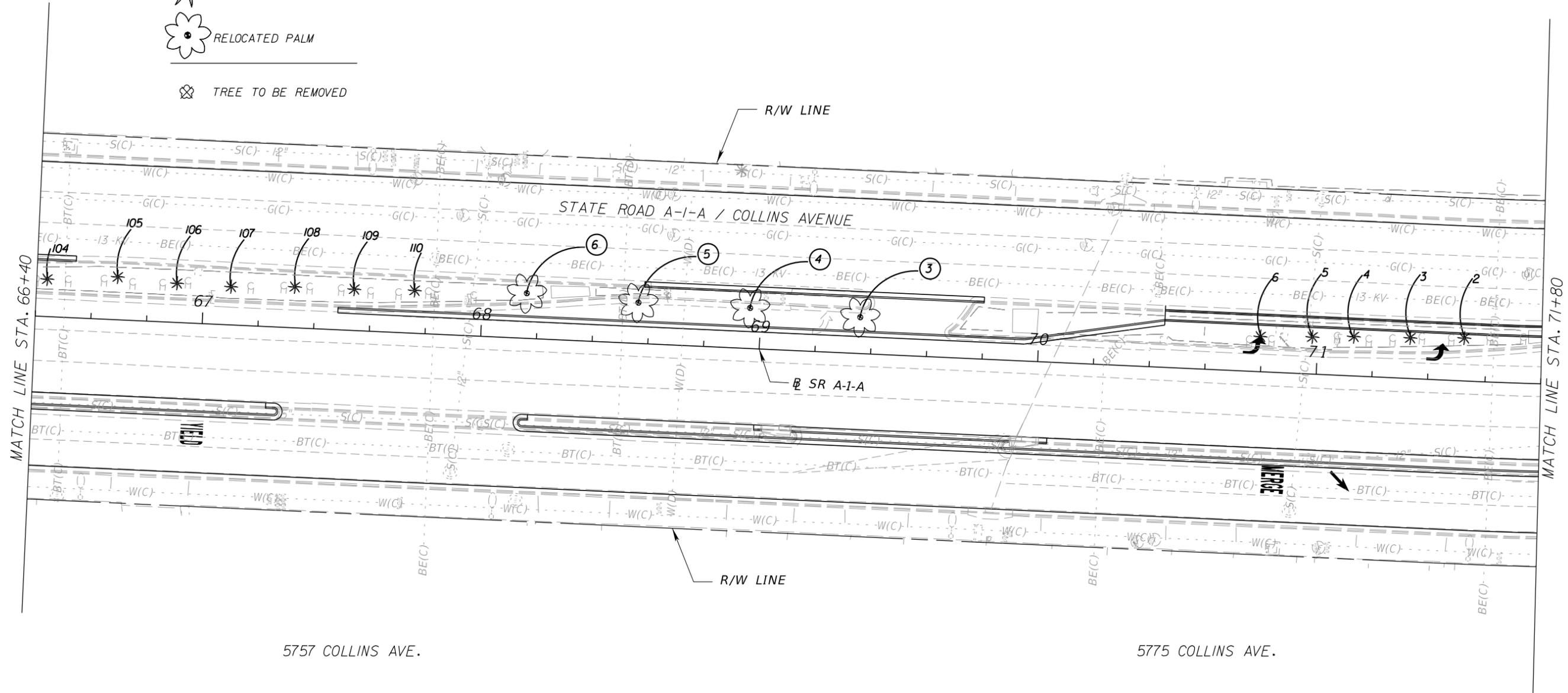
5750 COLLINS AVE.

5800 COLLINS AVE.



TREE LEGEND:

- * PALM TO REMAIN
- PALM TO BE RELOCATED
- RELOCATED PALM
- TREE TO BE REMOVED

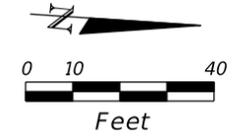


5757 COLLINS AVE.

5775 COLLINS AVE.

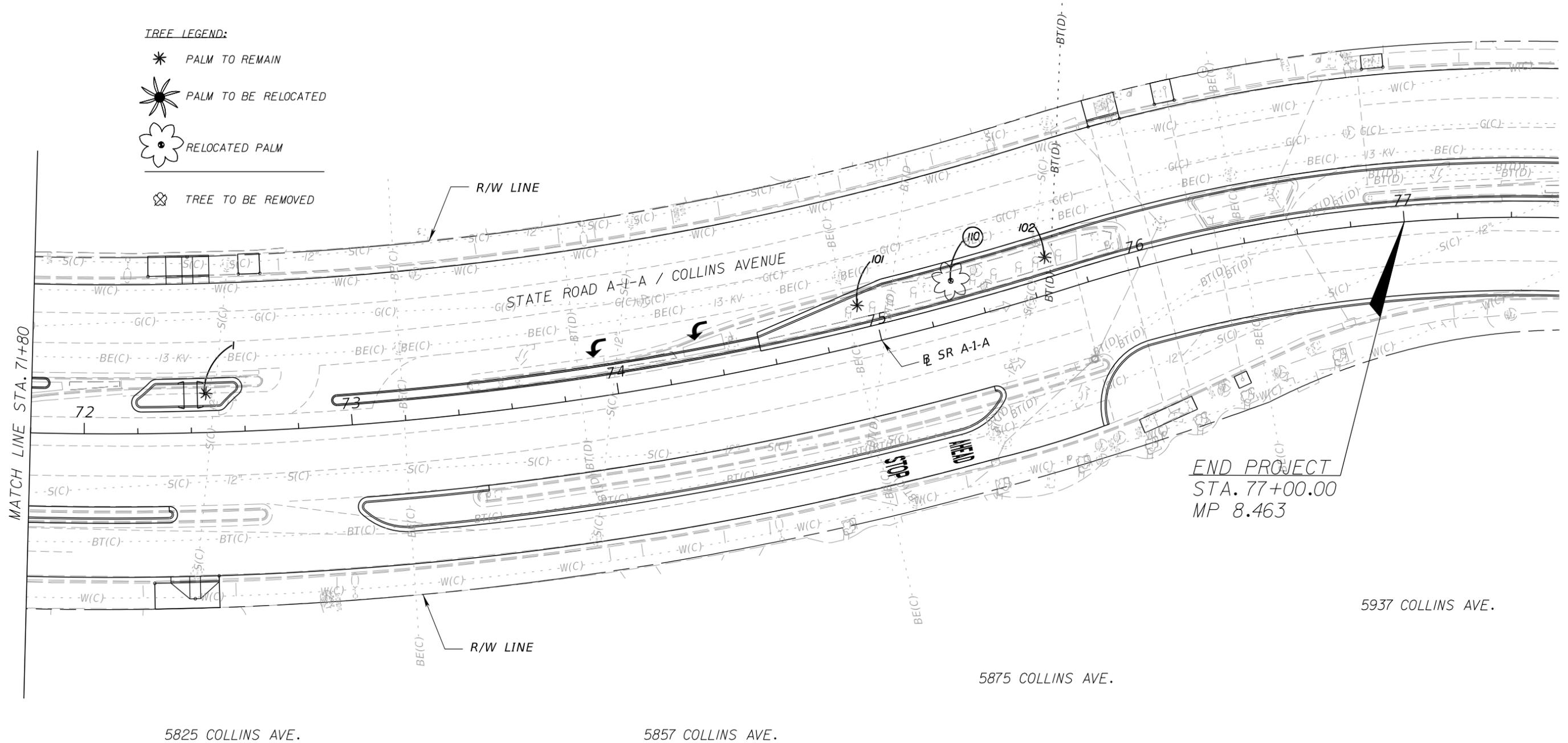
| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | LANDSCAPE PLAN | SHEET NO. |
|-----------|-------------|------|-------------|--|--|------------|----------------------|----------------|--------------|
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|-----------|-------------|------|-------------|--|--|------------|----------------------|----------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | | |

IRRIGATION GENERAL NOTES:

1. THE PROVISIONS SPECIFIED IN THESE CONTRACT PLANS CONSISTS OF FURNISHING ALL COMPONENTS NECESSARY FOR THE MODIFICATION, INSTALLATION, TESTING AND DELIVERY OF A COMPLETE, FULLY FUNCTIONAL, AUTOMATIC LANDSCAPE IRRIGATION SYSTEM. THIS WORK SHALL INCLUDE, BUT NOT BE LIMITED TO, THE PROVIDING OF ALL REQUIRED MATERIAL, LAYOUT, PROTECTION TO THE PUBLIC, EXCAVATION, ASSEMBLY, INSTALLATION, BACK FILLING, COMPACTION, REPAIR OF ROAD SURFACES, CONTROLLER AND LOW VOLTAGE FEEDS TO VALVES, CLEANUP, MAINTENANCE, AND AS-BUILT PLANS. REPAIR OR REPLACE ITEMS DAMAGED BY THIS WORK. COORDINATE WITH OTHER CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE SLEEVES AND LATERALS THROUGH WALLS, UNDER ROADWAYS AND PAVING, ETC. REPAIR, REPLACE, AND RESTORE UTILITIES THAT ARE DISRUPTED.

2. CONFORM TO APPLICABLE STATE, COUNTY AND LOCAL REGULATIONS AND CODES FOR IRRIGATION INSTALLATION.

3. MAKE ADJUSTMENTS TO IRRIGATION SYSTEM TO ENSURE SYSTEM IS FULLY FUNCTIONAL, 100 % COVERAGE, AND TO PREVENT OVERSPRAY.

4. AT THE PRE-CONSTRUCTION MEETING FURNISH TO THE ENGINEER A UNIT PRICE BREAKDOWN FOR ALL MATERIALS. THE ENGINEER MAY, AT ITS DISCRETION, ADD OR DELETE FROM THE MATERIALS UTILIZING THE UNIT PRICE BREAKDOWN SUBMITTED.

5. PIPE: PIPE LOCATIONS SHOWN ON THE PLAN ARE SCHEMATIC AND TO BE ADJUSTED IN THE FIELD. LOCATE PIPE NEAR EDGES OF PAVEMENT OR AGAINST BUILDINGS WHENEVER POSSIBLE TO ALLOW SPACE FOR PLANT ROOT BALLS. PLACE PIPES IN PLANTING BEDS. SLEEVE PIPING UNDER HARDSCAPE ITEMS, SUCH AS ROADS, WALKS AND PATIOS USING SCH 40 PVC (UNLESS SPECIFIED OTHERWISE IN THE PLANS) WITH THE SLEEVE DIAMETER BEING AT LEAST TWICE THE SIZE OF THE PIPE IT IS CARRYING. PIPE SIZES TO CONFORM TO THOSE SHOWN ON THE DRAWINGS. NO SUBSTITUTIONS OF SMALLER PIPE SIZES TO BE PERMITTED, BUT SUBSTITUTIONS OF LARGER SIZES MAY BE APPROVED. ALL DAMAGED AND REJECTED PIPE TO BE REMOVED FROM THE SITE AT THE TIME OF REJECTION.

MAINLINE: SCH 40 GASKETED 'O' RING PVC PIPE WITH SCH 40 PVC GASKETED "O' RING FITTINGS SIZED PER PLANS.

DIRECTIONAL BORE TO BE HDPE PER SECTION 555.

PVC PIPE JOINT COMPOUND: GRAY, SLOW DRYING, HEAVY-DUTY CEMENT.

PRIMER: TINTED PURPLE AND COMPATIBLE WITH THE CEMENT.

6. WIRING: THERMOPLASTIC SOLID COPPER, SINGLE CONDUCTOR, LOW VOLTAGE IRRIGATION CONTROLLER WIRE, SUITABLE FOR DIRECT BURIAL AND CONTINUOUS OPERATION AT RATED VOLTAGES. TAPE AND BUNDLE CONTROL WIRES EVERY 10' AND RUN ALONGSIDE THE MAINLINE. AT TURNS IN DIRECTION MAKE A 2' COIL OF WIRE. AT VALVE BOXES COIL WIRE AROUND A 3/4"PIECE OF PVC PIPE TO MAKE A COIL USING 30 LINEAR INCHES OF WIRE. MAKE ELECTRICAL CONNECTIONS WITH APPROPRIATE CONNECTORS. NUMBER WIRES, USING AN ELECTRICAL BOOK OF NUMBERS, ACCORDING TO THE PLANS. NUMBER WIRES IN VALVE BOXES, JUNCTION BOXES AND AT THE CONTROLLER. WIRE TO BE SIZED, NUMBERED AND COLORED AS FOLLOWS: #12 WHITE FOR COMMON, #12 RED FOR HOT WIRES, #12 YELLOW FOR SPARES (PROVIDE 1 SPARE FOR EVERY 10 HOT WIRES- MINIMUM OF 2 EXTRA) RUN SPARE WIRES TO THE LAST VALVE IN EACH DIRECTION.

7. TRENCHING: EXCAVATE STRAIGHT AND VERTICAL TRENCHES WITH SMOOTH, FLAT OR SLOPING BOTTOMS. TRENCH WIDTH AND DEPTH SUFFICIENT FOR THE PROPER VERTICAL AND HORIZONTAL SEPARATION BETWEEN PIPING AS SHOWN IN THE PIPE AND WIRE TRENCHING DETAIL ON THE DETAIL SHEET. PROTECT EXISTING LANDSCAPED AREAS. REMOVE AND REPLANT DAMAGED PLANT MATERIAL UPON JOB COMPLETION. THE REPLACEMENT MATERIAL TO BE OF THE SAME GENUS, SPECIES AND THE SIZE OF THE MATERIAL IT IS REPLACING. THE FINAL DETERMINATION AS TO WHAT NEEDS TO BE REPLACED AND THE ACCEPTABILITY OF THE REPLACEMENT MATERIAL TO BE DETERMINED BY THE ENGINEER.

8. PIPE INSTALLATION: PIPES MUST CURE A MINIMUM OF 30 MINUTES PRIOR TO HANDLING AND PLACING INTO TRENCHES.MAKE SURE THAT THE PIPE DOESN'T RECEDE FROM THE FITTING. IF THE PIPE ISN'T AT THE BOTTOM OF THE FITTING UPON COMPLETION, THE GLUE JOINT IS UNACCEPTABLE AND MUST BE DISCARDED. A LONGER CURING TIME MAY BE REQUIRED. REFER TO THE MANUFACTURER'S SPECIFICATIONS. THE PIPE MUST CURE A MINIMUM OF 24 HOURS PRIOR TO FILLING WITH WATER.

9. PIPE DEPTHS: 36" UNDER ROADWAY AND 24" FOR SLEEVING, 18" FOR MAIN LINE, AND 12" LATERALS.

10. BACK FILL: SUITABLE MATERIAL FREE OF ROCKS, STONES, OR OTHER DEBRIS THAT IS LARGER THAN 1/2"IN DIAMETER. COMPACT TRENCHES TO CONFORM TO T99 PROCTOR AT 98% OR ANY STANDARDS APPLICABLE FOR ROADWAY CONSTRUCTION.

11. FLUSHING: PRIOR TO THE PLACEMENT OF HEADS, FLUSH LINES FOR A MINIMUM OF 10 MINUTES OR UNTIL LINES ARE COMPLETELY CLEAN OF DEBRIS, WHICHEVER IS LONGER. USE SCREENS IN HEADS AND ADJUST HEADS FOR PROPER COVERAGE, PREVENT WATER ON WALLS, WALKS AND PAVING.

12. OPERATIONAL TESTING: BEFORE WORK BEGINS, ENSURE THE OPERATION OF THE EXISTING SYSTEM. UPON COMPLETION OF BACK FILLING, FINISH GRADING AND CONTOURING, TEST THE SYSTEM FOR PROPER OPERATION, INCLUDING ELECTRICALLY ACTUATING THE REMOTE CONTROL VALVES. RUN EACH ZONE UNTIL WATER BEGINS TO PUDDLE OR RUN OFF. DETERMINE THE INITIAL CONTROLLER RUN TIMES AND IRRIGATION START TIMES NECESSARY TO MEET THE WEEKLY EVAPOTRANSPIRATION REQUIREMENTS OF THE PLANTING MATERIAL IN EACH ZONE. IN SANDY SOILS NO PUDDLING WILL OCCUR, INSTEAD, CALCULATE THE REQUIRED RUN TIMES. ENSURE 100% COVERAGE IS ACHEIVED WITH THE SYSTEM.

13. METHOD OF MEASUREMENT: LUMP SUM - THE QUANTITIES TO BE PAID WILL BE THE ITEMS SHOWN IN THE CONTRACT DOCUMENTS, COMPLETED AND ACCEPTED.

14. BASIS OF PAYMENT: 590-70 - PRICES AND PAYMENTS WILL BE FULL COMPENSATION FOR ALL WORK AND MATERIALS SPECIFIED IN THE CONTRACT DOCUMENTS.

15. WARRANTY: THERE SHALL BE A (1) ONE YEAR WARRANTY ON ALL INSTALLED IRRIGATION EQUIPMENT AND COMPONENTS.

| DEMOLITION IRRIGATION SCHEDULE | | |
|--------------------------------|---|----------|
| SYMBOL | EQUIPMENT | QTY |
| | SPRAY HEADS | EA 1,045 |
| | IRRIGATION LATERAL LINE: PVC SCHEDULE 40 MIN 3/4" | LF 5,950 |
| ⊕ | CONTROL VALVE | EA 4 |
| ----- | MAINLINE | LF 475 |

| SUMMARY IRRIGATION SCHEDULE | | |
|-----------------------------|---|----------|
| SYMBOL | EQUIPMENT | QTY |
| | 12" SPRAY HEAD | EA 745 |
| | IRRIGATION LATERAL LINE: PVC SCHEDULE 40 MIN 3/4" | LF 7,436 |
| ⊕ | CONTROL VALVE | EA 4 |
| ----- | NEW MAINLINE | LF 600 |
| ----- | DIRECTIONAL BORE AND SLEEVING | LF 100 |

NOTE:
 - CONTRACTOR TO PROVIDE WATER TO TRANSPLANTED AND NEW MATERIAL EITHER THROUGH IRRIGATION OR SOME OTHER MEANS.
 - MATCH SPECIFIED IRRIGATION PRODUCTS TO EXISTING IRRIGATION PRODUCTS.
 - QUANTITIES ARE ESTIMATES AND MAY VARY BY 5%-10%.
 -

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|-----------|-------------|------|-------------|--|--|------------|----------------------|---------------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | IRRIGATION GENERAL NOTES |

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IRRIGATION GENERAL NOTES (CONT.):

15. MAINTENANCE: BEGIN SYSTEM MAINTENANCE IMMEDIATELY AFTER SYSTEM COMPLETION.

A. INSPECTIONS: EVERY IRRIGATION ZONE TO BE CHECKED MONTHLY AND WRITTEN REPORTS GENERATED DESCRIBING THE DATE(S) EACH ZONE WAS INSPECTED, PROBLEMS IDENTIFIED, DATE PROBLEMS REPAIRED, AND A LIST OF MATERIALS USED IN THE REPAIR. AT MINIMUM, THESE INSPECTIONS SHOULD INCLUDE THE FOLLOWING TASKS:

- TURN ON EACH ZONE FROM THE CONTROLLER TO VERIFY AUTOMATIC OPERATION.
- CHECK SCHEDULES TO ENSURE THEY ARE APPROPRIATE FOR THE SEASON, PLANT AND SOIL TYPE, AND IRRIGATION METHOD.
- VERIFY & ADJUST IRRIGATION SCHEDULING REQUIREMENTS FOR SEASONAL WATERING.
- CHECK REMOTE CONTROL VALVE TO ENSURE PROPER OPERATION.
- CHECK SETTING ON PRESSURE REGULATOR TO VERIFY PROPER SETTING, IF PRESENT.
- CHECK FLOW CONTROL AND ADJUST AS NEEDED; ENSURE VALVE CLOSURE WITHIN 10-15 SECONDS AFTER DEACTIVATION BY CONTROLLER.

- CHECK FOR LEAKS - MAINLINE, LATERAL LINES, VALVES, HEADS, ETC.
- CHECK ALL HEADS AS FOLLOWS:

- PROPER SET HEIGHT (TOP OF SPRINKLER IS 1" BELOW MOW HEIGHT)
- VERIFY HEAD POP-UP HEIGHT - 6" IN TURF, 12" IN GROUND COVER, AND POP-UP ON RISER IN SHRUB BEDS.
- CHECK WIPER SEAL FOR LEAKS - IF LEAKING, CLEAN HEAD AND RE-INSPECT. IF LEAKING CONTINUES, REPLACE HEAD WITH THE APPROPRIATE HEAD WITH PRESSURE REGULATOR AND BUILT-IN CHECK VALVE.
- CHECK ALL NOZZLES FOR PROPER PATTERN, CLOGGING, LEAKS, CORRECT MAKE & MODEL, ETC. - REPLACE AS NEEDED.
- CHECK FOR PROPER ALIGNMENT - PERFECTLY VERTICAL; COVERAGE AREA IS CORRECT; MINIMIZE OVERSPRAY ONTO HARDSCAPES OR ROADWAYS.
- RISER HEIGHT RAISED/LOWERED TO ACCOMMODATE PLANT GROWTH PATTERNS AND ENSURE PROPER COVERAGE.
- VERIFY THE POP-UP RISER RETRACTS AFTER OPERATION. REPAIR/REPLACE AS NEEDED.

B. CHECK CONTROLLER/C.C.U. GROUNDS FOR RESISTANCE (10 OHMS OR LESS) ONCE PER YEAR. SUBMIT WRITTEN REPORTS.

C. CHECK RAIN SHUT-OFF DEVICE MONTHLY TO ENSURE IT FUNCTIONS PROPERLY.

D. INSPECT ALL FILTERS MONTHLY AND CLEAN/REPAIR/REPLACE AS NEEDED.

E. INSPECT METER/BACK FLOW QUARTERLY. REPORT ANY NON-OPERATIONAL COMPONENTS TO THE CITY OF CORAL GABLES.

F. INSPECT ALL VALVE BOXES TO ENSURE THEY ARE IN GOOD CONDITION, LIDS ARE IN PLACE AND LOCKED.

16. SUBMITTALS:

A. AT THE PRE-CONSTRUCTION MEETING, SUBMIT FOR REVIEW COPIES OF THE MANUFACTURER'S CUT SHEETS/SPECIFICATIONS, FOR COMPONENTS TO BE USED IN THE IRRIGATION SYSTEM. AT A MINIMUM PROVIDE THE FOLLOWING:

- PVC PIPE (WATER AND ELECTRICAL)
- PVC FITTINGS / COMPONENTS (WATER AND ELECTRICAL)
- IRRIGATION SPRAY / ROTOR HEADS, NOZZLES AND SWING PIPE CONNECTIONS / COMPONENTS
- WIRES
- REMOTE CONTROL VALVE AND BOX

B. AFTER PROJECT COMPLETION, AND AS A CONDITION OF FINAL ACCEPTANCE. PROVIDE THE ENGINEER WITH THREE (3) AND THE CITY OF CORAL GABLES TWO (2) ACCURATE, AND LEGIBLE, SET OF AS-BUILT DRAWINGS. IDENTIFY REMOTE CONTROL VALVES, GATE VALVES, BALL VALVES, SPLICE BOXES, CONTROLLERS, MAINLINE, SLEEVING, AND LOW VOLTAGE WIRING. TO LOCATE EACH ITEM TWO DIMENSIONS, FROM FIXED OBJECTS OF A PERMANENT NATURE, NOTED ON THE AS-BUILTS. PROVIDE ACCURATE, INFORMATIVE, AND EASY TO FOLLOW AND UNDERSTAND, OPERATION AND MAINTENANCE MANUALS FOR ALL COMPONENTS OF THE IRRIGATION SYSTEM.

UTILITIES GENERAL NOTES:

1. TWO FULL BUSINESS DAYS PRIOR TO DIGGING. CALL SUNSHINE STATE ONE CALL OF FLORIDA, TELEPHONE NUMBER 811, AND THE UTILITY OWNER AND REQUEST UTILITY LOCATIONS. A CONTRACTOR'S REPRESENTATIVE MUST BE PRESENT WHEN UTILITY COMPANIES LOCATE THEIR FACILITIES.
2. REFER TO ROADWAY PLANS FOR UTILITIES.

AGENCY CONTACTS (CITY OF CORAL GABLES):

1. INSPECTION AND ACCEPTANCE OF THE LANDSCAPE AND IRRIGATION MUST BE OBTAINED FROM THE MAINTAINING AUTHORITIES PRIOR FINAL ACCEPTANCE.

A. CITY OF CORAL GABLES:
 2800 SW 72nd AVENUE
 MIAMI, FLORIDA 33155
 PHONE: (305) 460-5000
 FAX: (305) 460-5080

IRRIGATION NOTES

THESE NOTES APPLY TO THE REPAIR OF THE EXISTING IRRIGATION SYSTEM AT THE FOLLOWING MEDIAN LOCATIONS:

- . FROM STA. 1251+54.00 TO STA. 1254+41.00
- . FROM STA. 1260+48.00 TO STA. 1261+97.00
- . FROM STA. 1273+62.50 TO STA. 1274+80.00
- . FROM STA. 1280+20.00 TO STA. 1281+33.00
- . FROM STA. 1285+02.00 TO STA. 1287+06.00
- . FROM STA. 1291+80.00 TO STA. 1294+33.50
- . FROM STA. 1297+52.50 TO STA. 1299+81.00
- . FROM STA. 1296+20 TO STA. 1299+00 (NORTH SHOULDER)

CUT AND CAP EXISTING IRRIGATION LATERALS AT THE BEGINNING OF THE PROPOSED CURB/SEPARATOR.

REMOVE IMPACTED SPRAY HEADS.

ADJUST SPACING OF HEADS AND REPLACE NOZZLES TO ENSURE HEAD TO HEAD COVERAGE WITHOUT ALLOWING OVERSPRAY ONTO PAVEMENT.

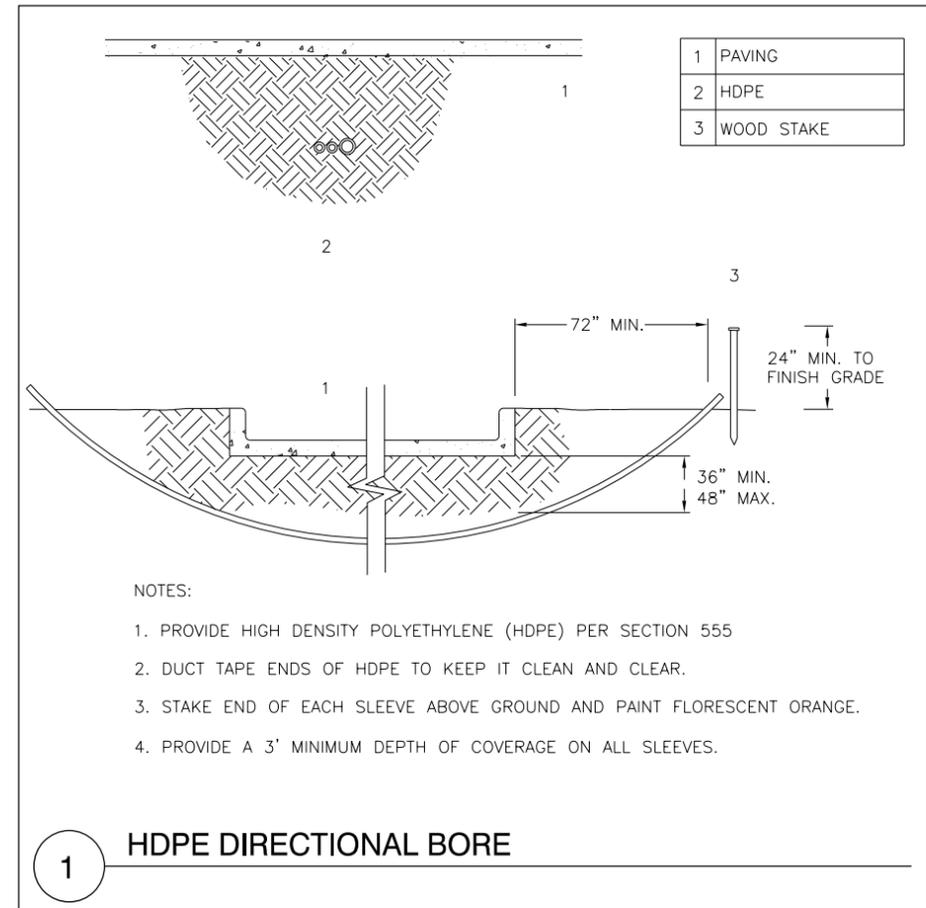
SALVAGEABLE IRRIGATION COMPONENTS MUST BE DELIVERED TO THE CITY OF CORAL GABLES.

CITY CONTACT:

PUBLIC WORKS DEPARTMENT
 2800 SW 72nd AVENUE
 MIAMI, FLORIDA 33155
 PHONE: (305) 460-5000
 FAX: (305) 460-5080

IRRIGATION MUST BE FULLY FUNCTIONAL IN ALL REMAINING, PREVIOUSLY IRRIGATED AREAS.

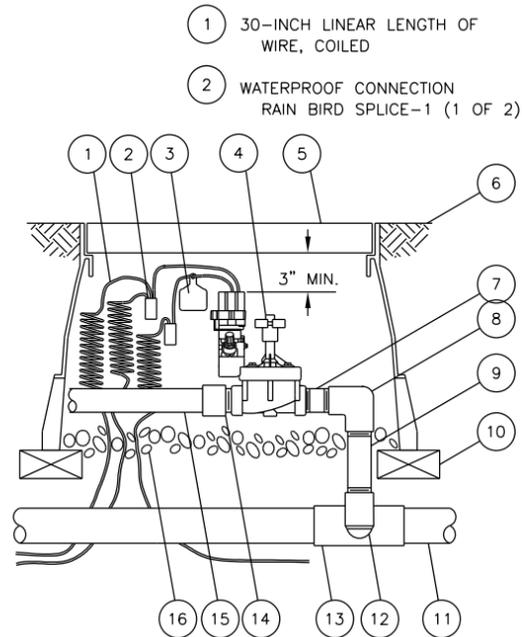
APPLY WATER TO LANDSCAPE AREAS TO REMAIN WHILE IRRIGATION IS BEING MODIFIED.



- NOTES:
1. PROVIDE HIGH DENSITY POLYETHYLENE (HDPE) PER SECTION 555
 2. DUCT TAPE ENDS OF HDPE TO KEEP IT CLEAN AND CLEAR.
 3. STAKE END OF EACH SLEEVE ABOVE GROUND AND PAINT FLORESCENT ORANGE.
 4. PROVIDE A 3' MINIMUM DEPTH OF COVERAGE ON ALL SLEEVES.

1 HDPE DIRECTIONAL BORE

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-23 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | |



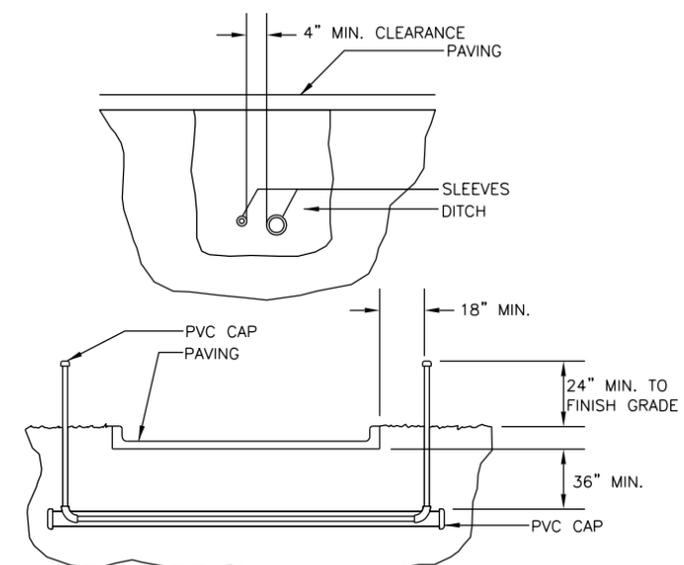
- 1 30-INCH LINEAR LENGTH OF WIRE, COILED
- 2 WATERPROOF CONNECTION RAIN BIRD SPLICE-1 (1 OF 2)
- 3 ID TAG: RAIN BIRD VID SERIES
- 4 REMOTE CONTROL VALVE: RAIN BIRD PESB-PRS-D
- 5 VALVE BOX WITH COVER: RAIN BIRD VB-STD
- 6 FINISH GRADE/TOP OF MULCH
- 7 PVC SCH 80 NIPPLE (CLOSE)
- 8 PVC SCH 40 ELL
- 9 PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
- 10 BRICK (1 OF 4)
- 11 PVC MAINLINE PIPE
- 12 SCH 80 NIPPLE (2-INCH LENGTH, HIDDEN) AND SCH 40 ELL
- 13 PVC SCH 40 TEE OR ELL
- 14 PVC SCH 40 MALE ADAPTER
- 15 PVC LATERAL PIPE
- 16 3.0-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL

ELECTRICAL SPECIFICATIONS

- 24 VAC 50/60 Hz (CYCLES/SEC.) SOLENOID
- INRUSH CURRENT: 0.41 A (9.84 VA) AT 60 Hz
- HOLDING CURRENT: 0.28 A (6.72 VA) AT 60 Hz
- COIL RESISTANCE: 30-39 OHMS

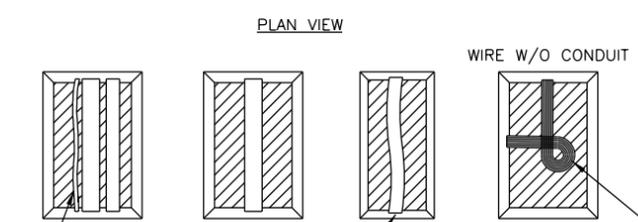
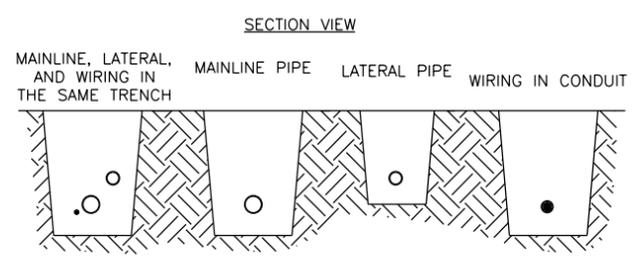
| FLOW GPM | PESB SERIES VALVE PRESSURE LOSS | | |
|----------|---------------------------------|-------------------|-------------------|
| | 100-PESB PSI LOSS | 150-PESB PSI LOSS | 200-PESB PSI LOSS |
| 5 | 1.7 | | |
| 10 | 1.8 | | |
| 20 | 2.9 | | |
| 30 | 5.6 | 3.6 | |
| 40 | | 3.5 | |
| 50 | | 3.6 | |
| 75 | | 5.4 | 4.5 |
| 100 | | | 5.2 |
| 125 | | | 8.2 |

2 PRESSURE REGULATING REMOTE CONTROL VALVE
1" = 1'-0"



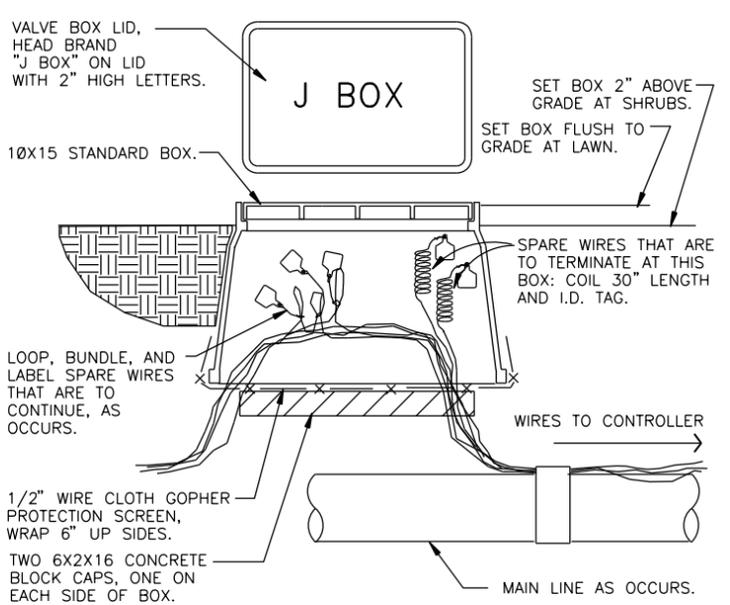
- NOTES:
1. ALL PVC IRRIGATION SLEEVING TO BE SCHEDULE 40.
 2. ALL JOINTS TO BE SOLVENT WELDED AND WATERTIGHT.
 3. WHERE THERE IS MORE THAN ONE SLEEVE, EXTEND SMALLER SLEEVE TO 24" MIN. ABOVE FINISH GRADE.
 4. MECHANICALLY TAMP TO 95% PROCTOR.

3 PIPE SLEEVING DETAIL
1" = 1"

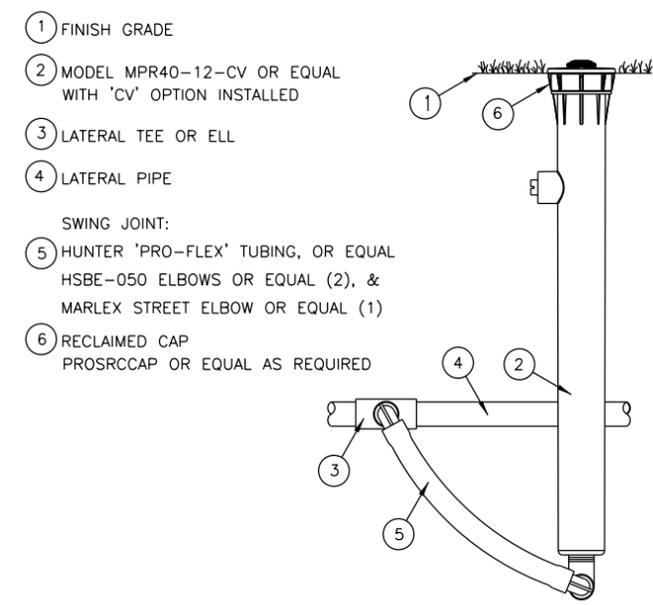


- RUN WIRING BENEATH AND BESIDE MAINLINE. TAPE AND BUNDLE AT 10-FOOT INTERVALS.
- ALL SOLVENT WELD PLASTIC PIPING TO BE SNAKED IN TRENCH AS SHOWN.
- TIE A 24-INCH LOOP IN ALL WIRING AT CHANGES OF DIRECTION OF 30° OR GREATER. UNTIE AFTER ALL CONNECTIONS HAVE BEEN MADE.
- NOTES:
1. SLEEVE BELOW ALL HARDSCAPE ELEMENTS WITH SCH 40 PVC TWICE THE DIAMETER OF THE PIPE OR WIRE BUNDLE WITHIN.
 2. FOR PIPE AND WIRE BURIAL DEPTHS SEE SPECIFICATIONS.

3 PIPE AND WIRE TRENCHING
1" = 1"



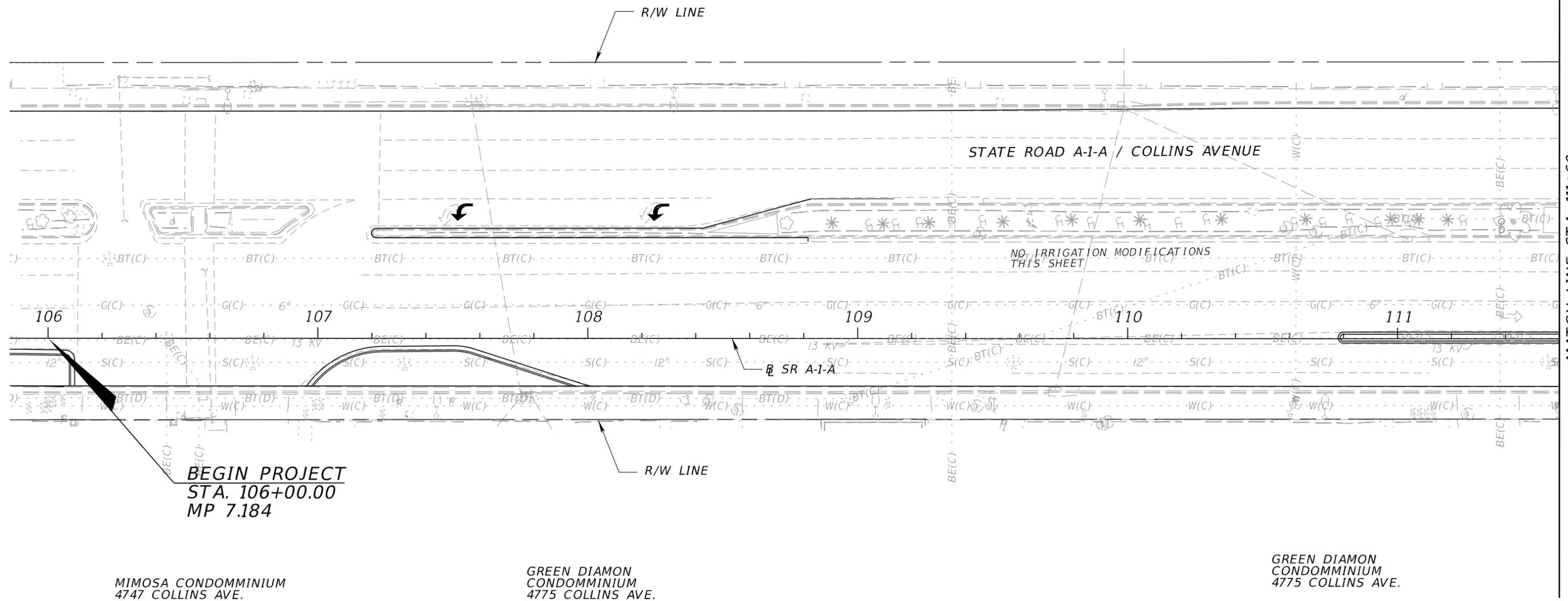
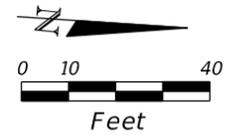
4 WIRE BUNDLE JUNCTION BOX
1 1/2" = 1'-0"



5 12" POP-UP SPRAY HEAD
3" = 1'-0"

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-24 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
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MATCH LINE STA. 111+60

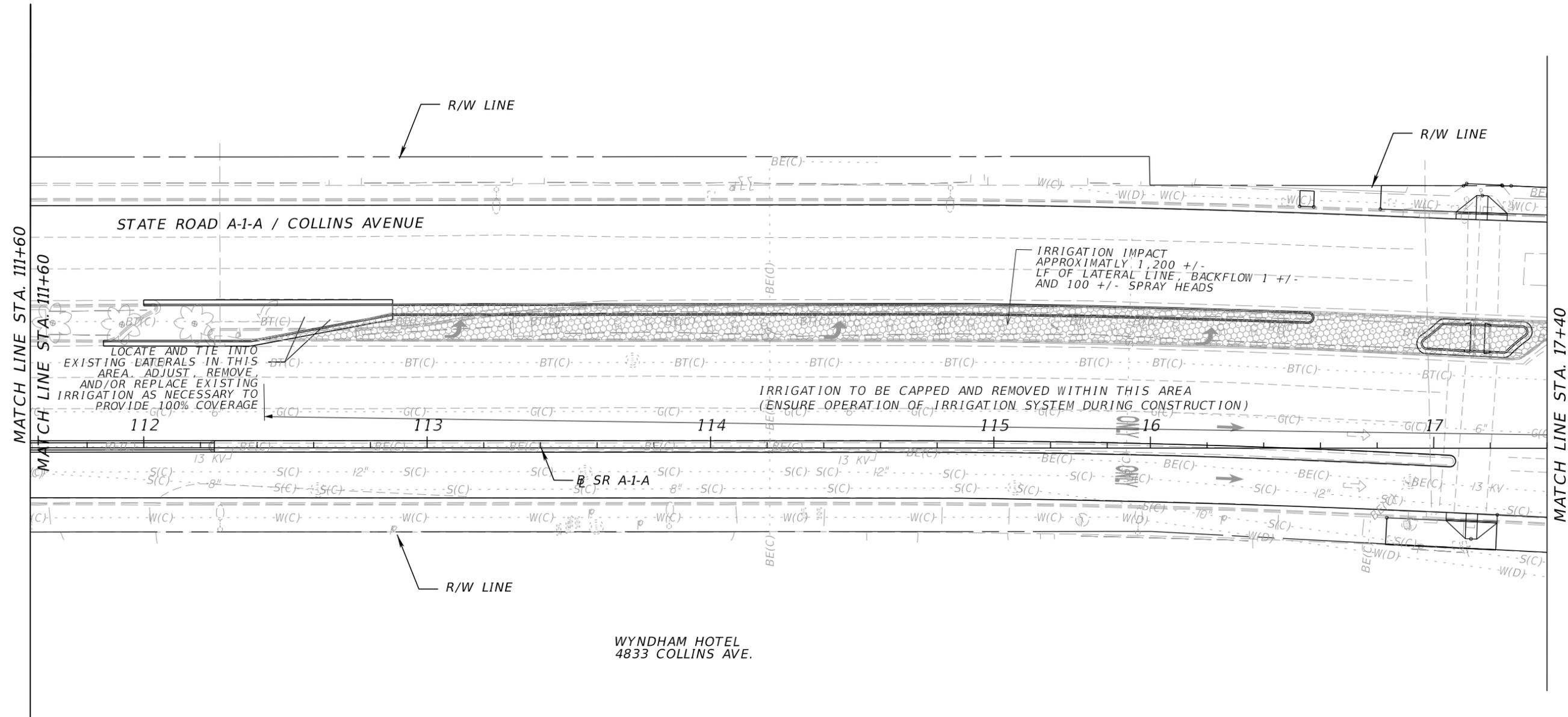
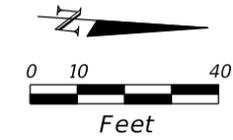
MIMOSA CONDOMINIUM
4747 COLLINS AVE.

GREEN DIAMON
CONDOMINIUM
4775 COLLINS AVE.

GREEN DIAMON
CONDOMINIUM
4775 COLLINS AVE.

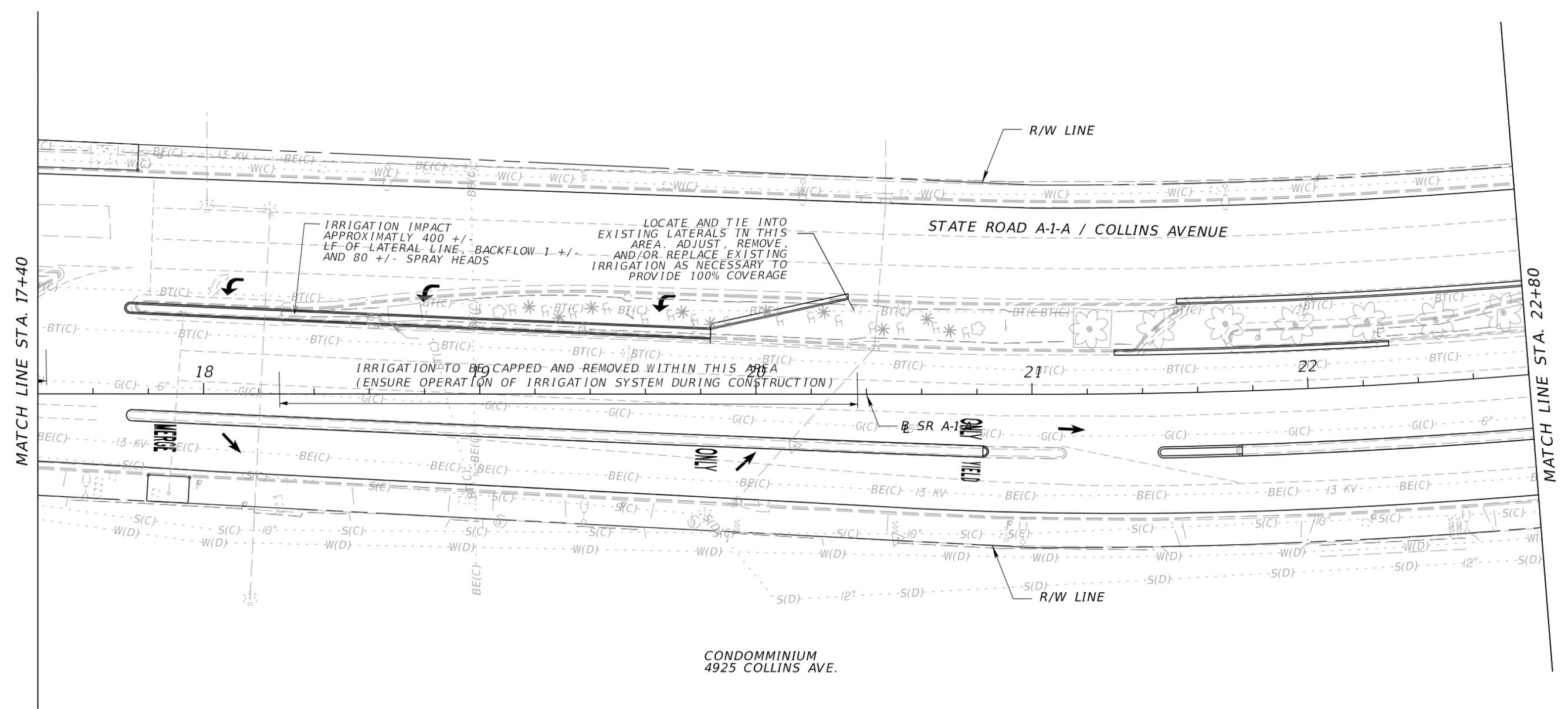
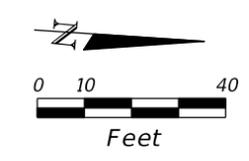
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|-----------|-------------|------|-------------|--|--|------------|----------------------|---------------------------|
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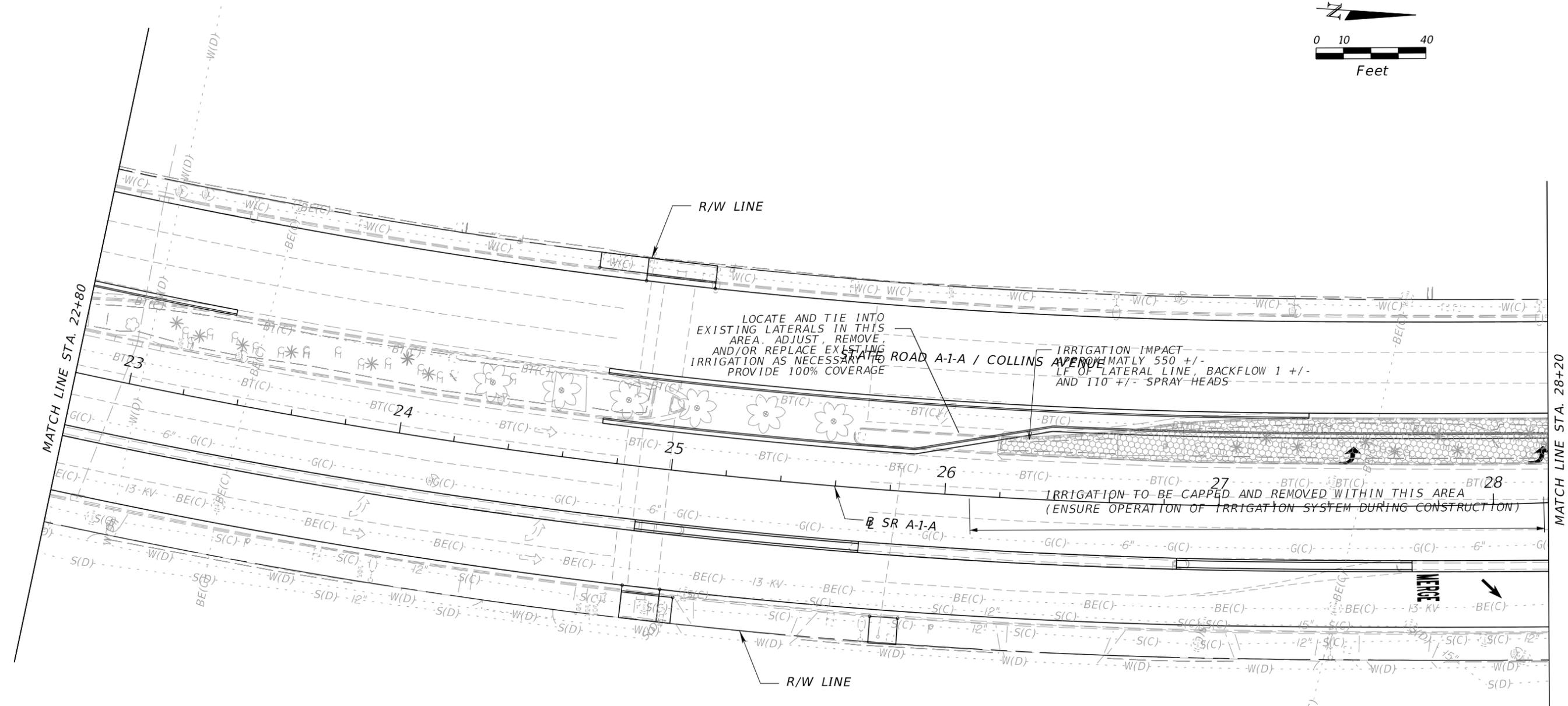
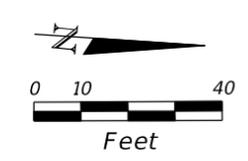
| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-26 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | |

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|-----------|-------------|------|-------------|--|--|------------|----------------------|------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | |

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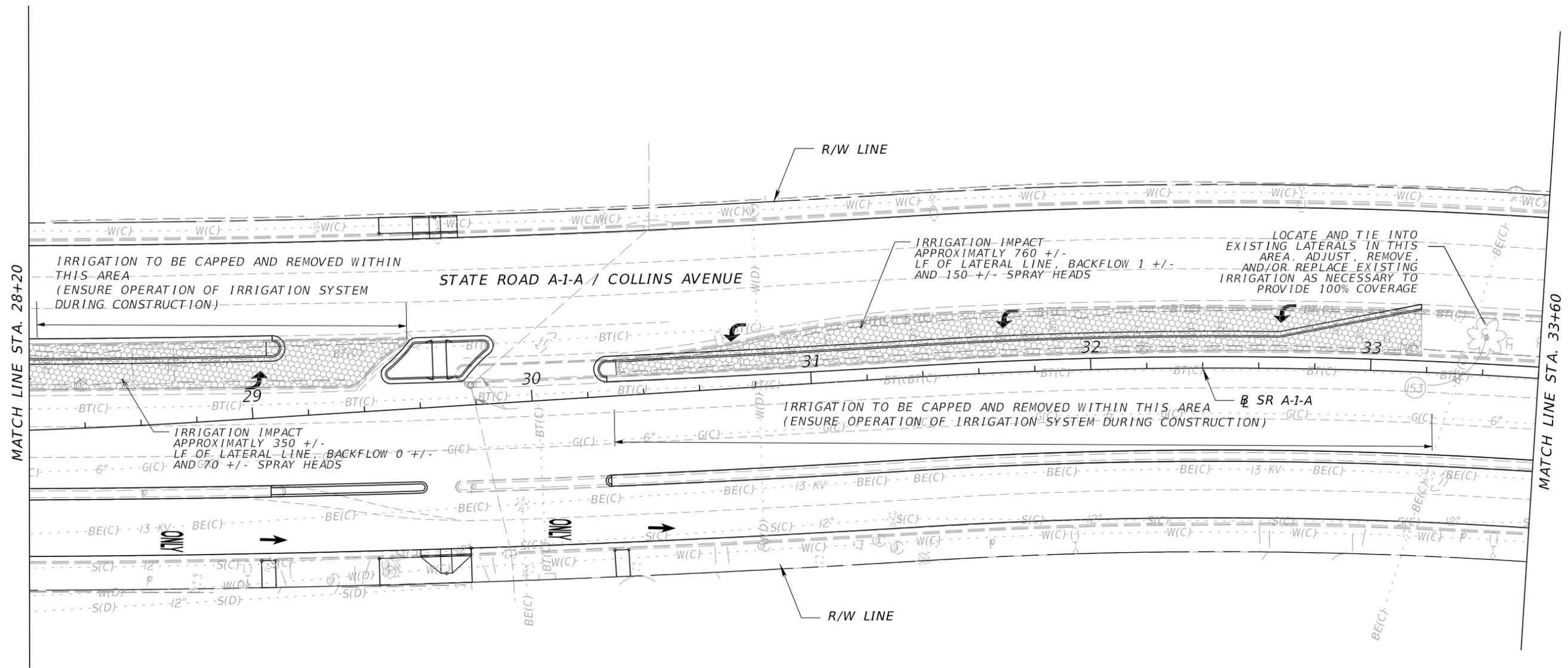
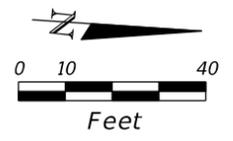


CONDOMINIUM
5005 COLLINS AVE.

CONDOMINIUM
5005 COLLINS AVE.

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-28 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|---------------------------|
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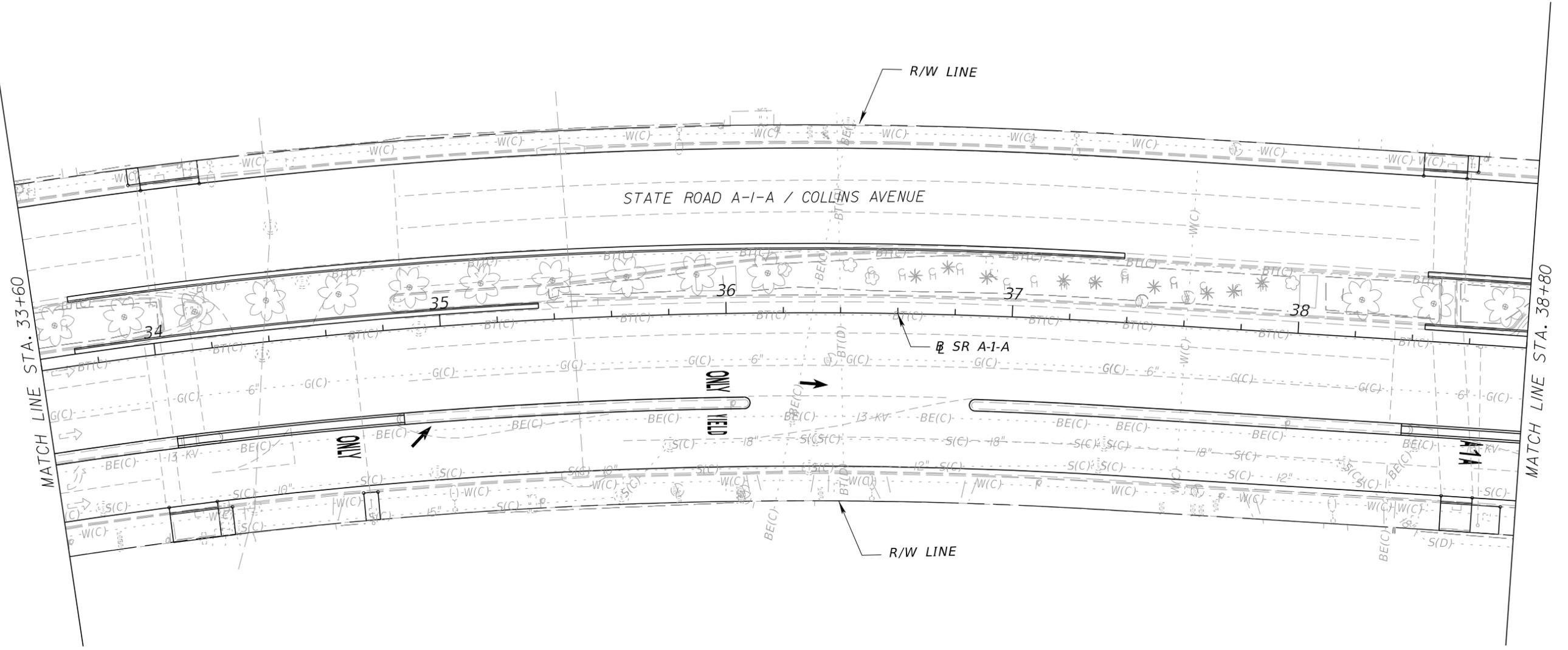
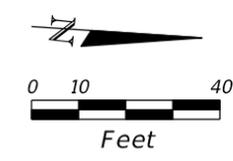


SEACOST SUITES
5101 COLLINS AVE.

MIMOSA CONDOMINIUM
5151 COLLINS AVE.

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-29 |
|-----------|-------------|------|-------------|---|--|------------|----------------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | |

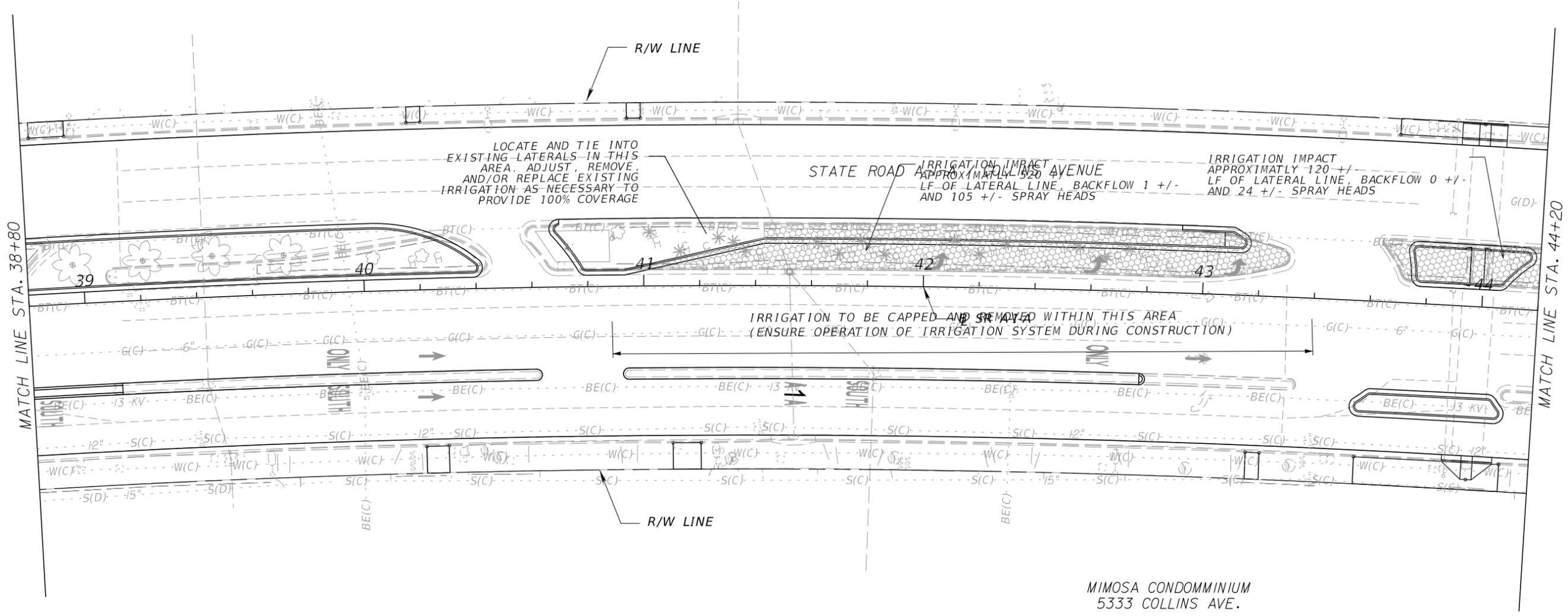
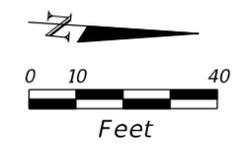
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ALEXANDER ALL SUITE
 OCEAN FRONT
 5225 COLLINS AVE.

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-30 |
|-----------|-------------|------|-------------|--|--|----------------|------------------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | IRRIGATION PLAN | |

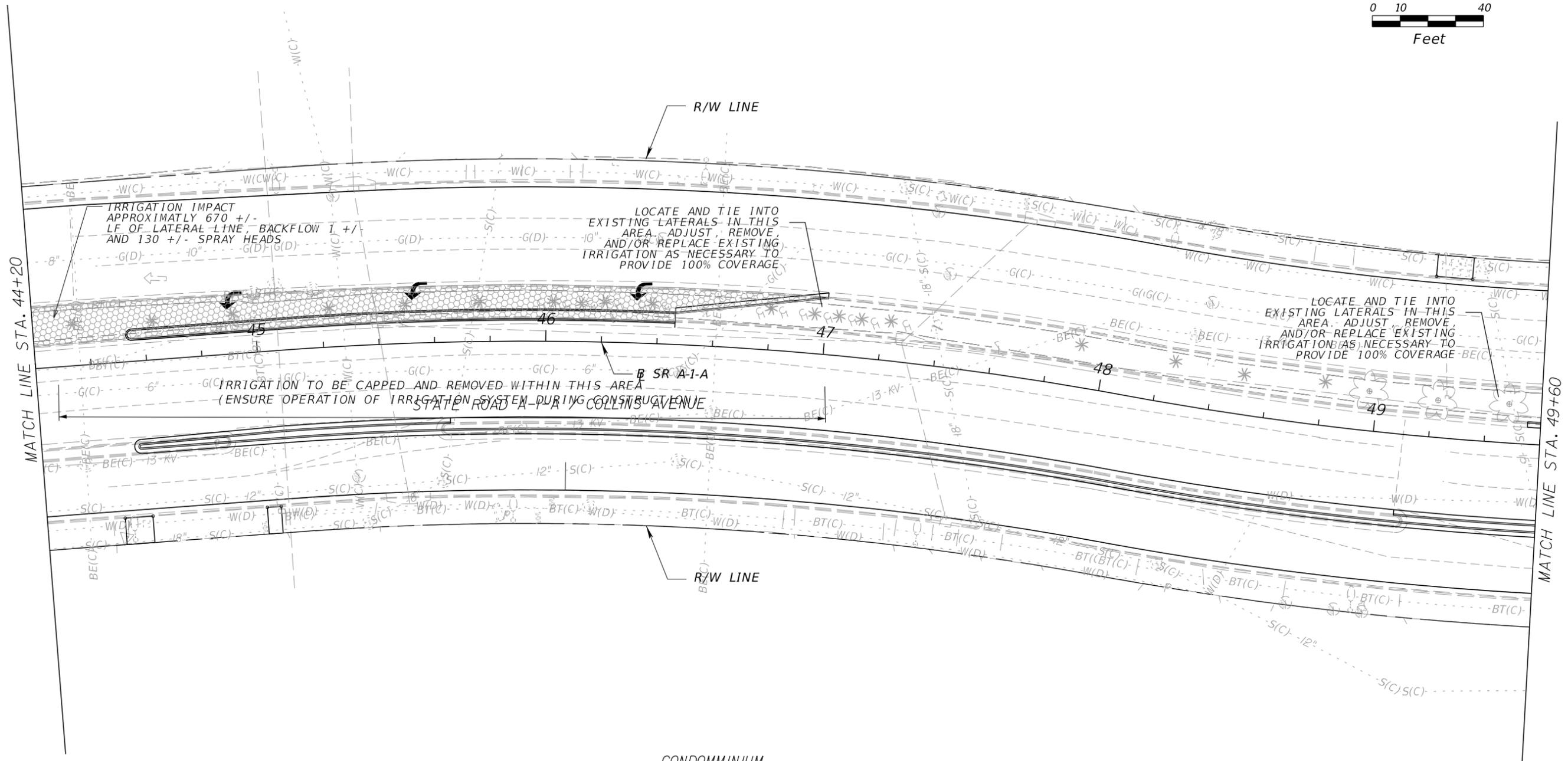
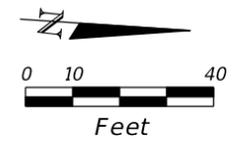
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MIMOSA CONDOMINIUM
5333 COLLINS AVE.

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-31 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
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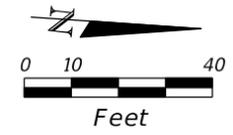
MATCH LINE STA. 44+20

MATCH LINE STA. 49+60

CONDOMINIUM
5415 COLLINS AVE.

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-32 |
|-----------|-------------|------|-------------|--|--|----------------|----------------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | | |

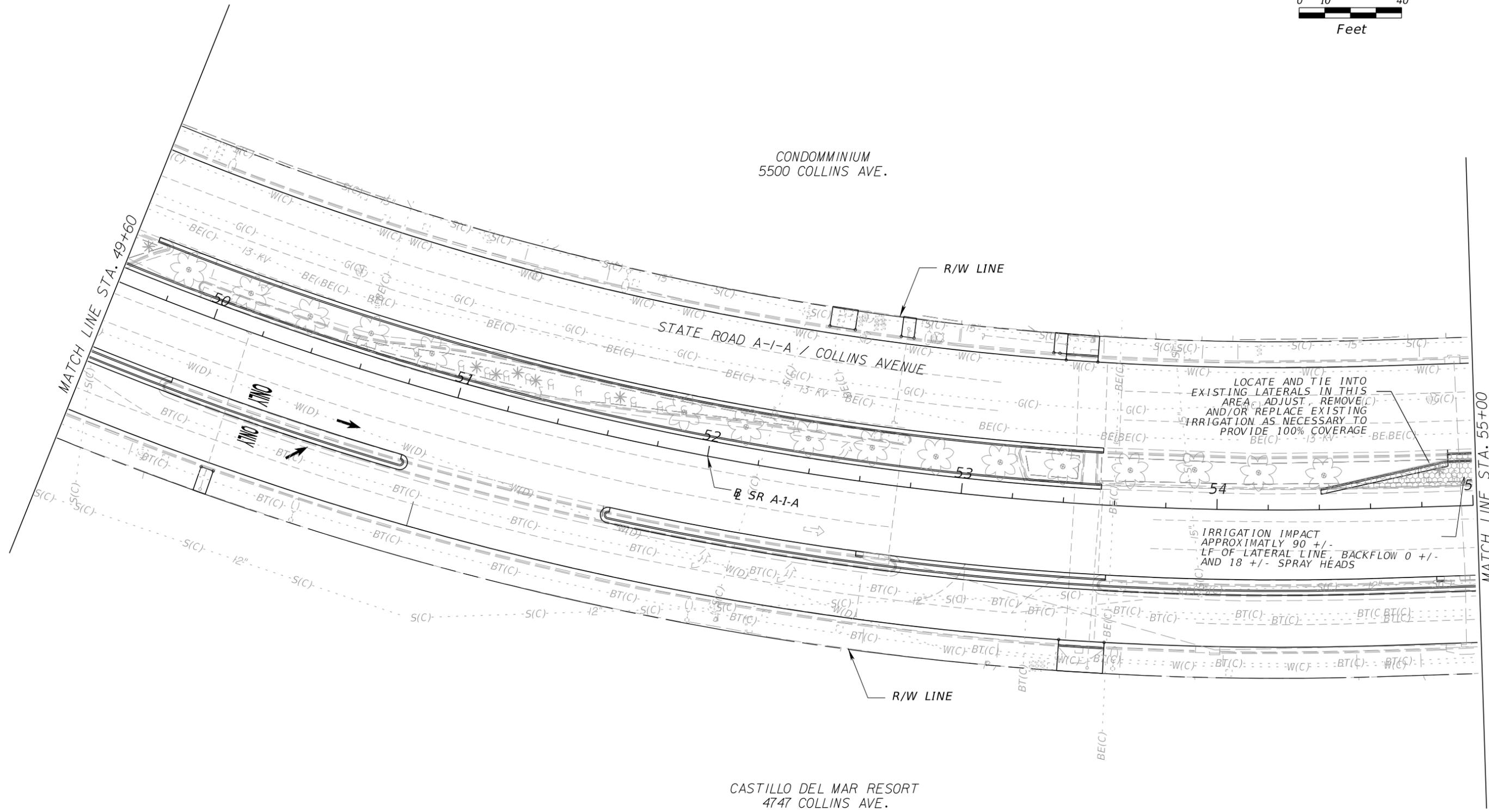
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CONDOMINIUM
5500 COLLINS AVE.

MATCH LINE STA. 49+60

MATCH LINE STA. 55+00



| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

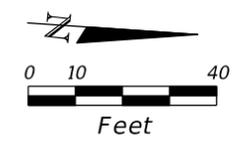
Landscape Architect of Record:
Brian R. Shore LA-6666770
MILLER LEGG
5747 North Andrews Way
Fort Lauderdale, Florida 33309-2364
954-436-7000 • Fax: 956-436-8664
Certification of Auth.: LC0000337

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR A1A | MIAMI-DADE | 434773-1-52-01 |

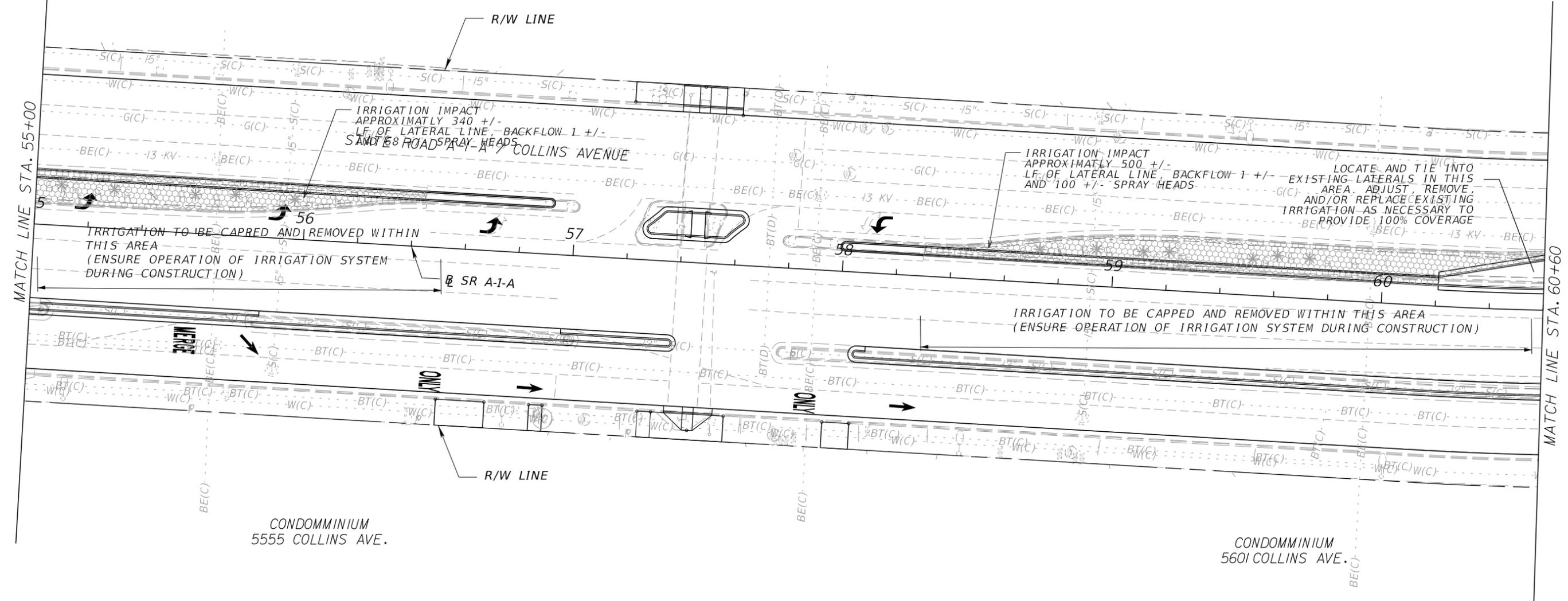
IRRIGATION PLAN

SHEET NO.
LD-33

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CONDOMINIUM
5600 COLLINS AVE.



CONDOMINIUM
5555 COLLINS AVE.

CONDOMINIUM
5601 COLLINS AVE.

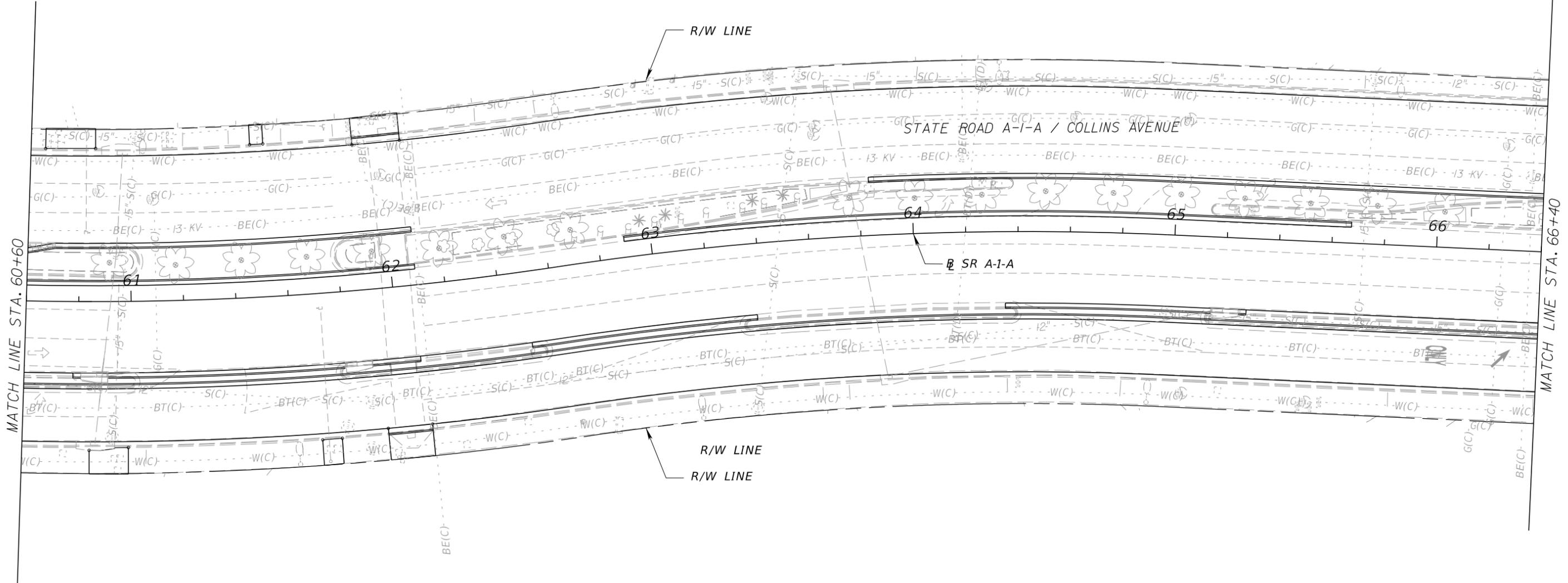
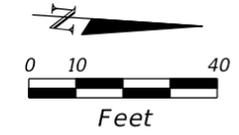
| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-34 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | |

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CONDOMINIUM
5600 COLLINS AVE.

CONDOMINIUM
5660 COLLINS AVE.

CONDOMINIUM
5700 COLLINS AVE.



CONDOMINIUM
5701 COLLINS AVE.

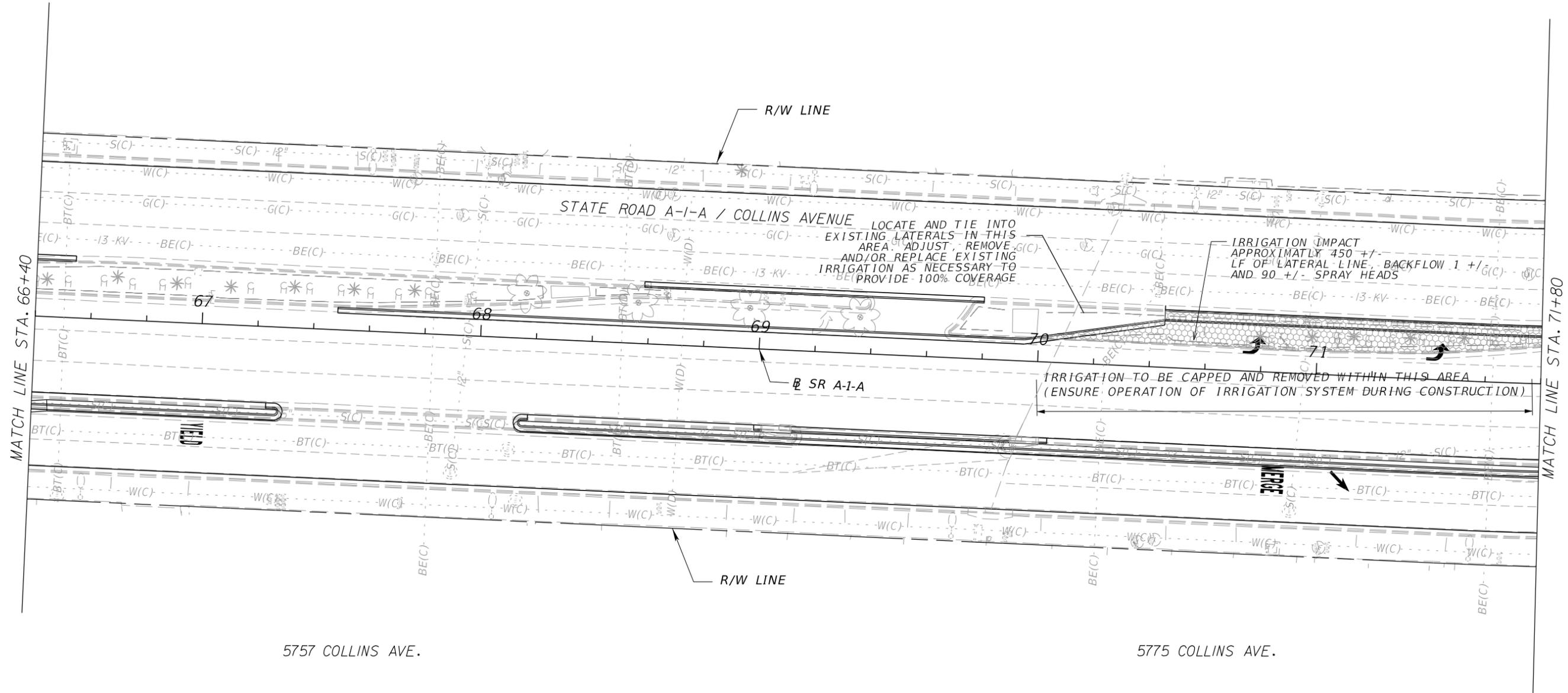
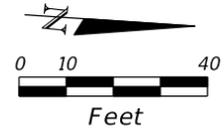
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| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-35 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | |

IRRIGATION PLAN

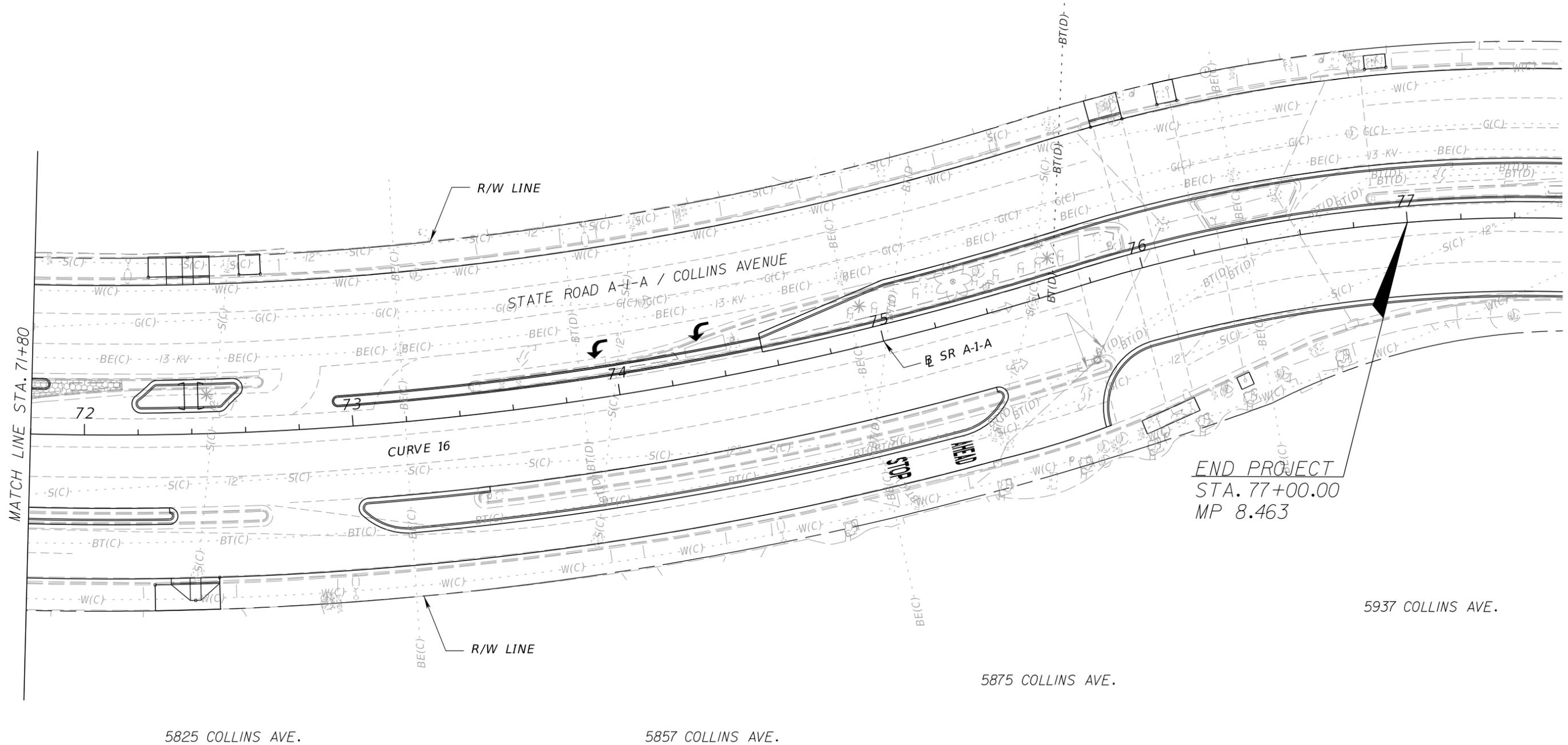
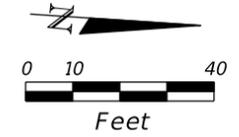
5750 COLLINS AVE.

5800 COLLINS AVE.



| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-36 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | |

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.01, F.A.C.



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.01, F.A.C.

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-37 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | IRRIGATION PLAN |

LANDSCAPE LIGHTING DISPOSITION

| ITEM # | LIGHTING FIXTURE NUMBER | LIGHTING COMPONENT | CIRCUIT | DISPOSITION | NEW OR RELOCATION NUMBER | NOTES |
|--------|-------------------------|--------------------|---------|-------------------|--------------------------|---|
| 1 | A-1 | Uplight | A | REMAIN | - | |
| 2 | A-2 | Uplight | A | REMAIN | - | |
| 3 | A-3 | Uplight | A | REMAIN | - | |
| 4 | A-4 | Uplight | A | REMAIN | - | |
| 5 | A-5 | Uplight | A | REMAIN | - | |
| 6 | | Electrical Panel | A | REMAIN | N/A | ELECTRICAL SERVICE FOR LIGHTING FOR 1ST MEDIAN. |
| 7 | A-6 | Uplight | A | REMAIN | - | |
| 8 | A-7 | Uplight | A | REMAIN | - | |
| 9 | A-8 | Uplight | A | REMAIN | - | |
| 10 | A-9 | Uplight | A | REMAIN | - | |
| 11 | A-10 | Uplight | A | REMAIN | - | |
| 12 | A-11 | Uplight | A | REMAIN | - | |
| 13 | A-12 | Uplight | A | REMAIN | - | |
| 14 | A-13 | Uplight | A | REMAIN | - | |
| 15 | A-14 | Uplight | A | REMAIN | - | |
| 16 | A-15 | Uplight | A | REMAIN | - | |
| 17 | A-16 | Uplight | A | REMAIN | - | |
| 18 | A-17 | Uplight | A | REMAIN | - | |
| 19 | B-1 | Uplight | B | RELOCATE | 1 | |
| 20 | B-2 | Uplight | B | RELOCATE | 2 | |
| 21 | B-3 | Uplight | B | RELOCATE | 3 | |
| 22 | B-4 | Uplight | B | RELOCATE | 4 | |
| 23 | B-5 | Uplight | B | RELOCATE | 5 | |
| 24 | B-6 | Uplight | B | RELOCATE | 6 | |
| 25 | B-7 | Uplight | B | RELOCATE | 7 | |
| 26 | B-8 | Uplight | B | RELOCATE | 8 | |
| 27 | B-9 | Uplight | B | RELOCATE | 9 | |
| 28 | B-10 | Uplight | B | RELOCATE | 10 | |
| 29 | B-11 | Uplight | B | RELOCATE | 11 | |
| 30 | B-12 | Uplight | B | RELOCATE | 12 | |
| 31 | B-13 | Uplight | B | RELOCATE | 13 | |
| 32 | B-14 | Uplight | B | RELOCATE | 14 | |
| 33 | B-15 | Uplight | B | RELOCATE | 15 | |
| 34 | | Electrical Panel | B | RELOCATE / REMOVE | N/A | ELECTRICAL SERVICE FOR UPLIGHTING - ALL TO BE REMOVED |
| 35 | B-16 | Uplight | B | RELOCATE | 16 | |
| 36 | B-17 | Uplight | B | RELOCATE | 17 | |
| 37 | B-18 | Uplight | B | RELOCATE | 18 | |
| 38 | B-19 | Uplight | B | RELOCATE | 19 | |
| 39 | B-20 | Uplight | B | RELOCATE | 20 | |
| 40 | B-21 | Uplight | B | RELOCATE | 21 | |
| 41 | B-22 | Uplight | B | RELOCATE | 22 | |
| 42 | B23 | Uplight | B | RELOCATE | 23 | |
| 43 | B24 | Uplight | B | RELOCATE | 24 | |
| 44 | B-25 | Uplight | B | RELOCATE | 25 | |
| 45 | C-1 | Uplight | C | RELOCATE | 26 | |
| 46 | C-2 | Uplight | C | RELOCATE | - | |
| 47 | C-3 | Uplight | C | RELOCATE | - | |
| 48 | C-4 | Uplight | C | RELOCATE | - | |
| 49 | | Electrical Panel | C | RELOCATE / REMOVE | N/A | ELECTRICAL SERVICE FOR UPLIGHTING - ALL TO BE REMOVED |
| 50 | C-5 | Uplight | C | RELOCATE | - | |
| 51 | C-6 | Uplight | C | RELOCATE | - | |
| 52 | C-7 | Uplight | C | RELOCATE | - | |
| 53 | C-8 | Uplight | C | RELOCATE | - | |
| 54 | C-9 | Uplight | C | RELOCATE | - | |
| 55 | C-10 | Uplight | C | RELOCATE | - | |
| 56 | C-11 | Uplight | C | RELOCATE | - | |
| 57 | C-12 | Uplight | C | REMAIN | 27 | |
| 58 | C-13 | Uplight | C | REMAIN | 28 | |
| 59 | C-14 | Uplight | C | REMAIN | 29 | |
| 60 | C-15 | Uplight | C | REMAIN | 30 | |

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-38 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|-------------------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | LIGHTING SCHEDULE & NOTE |

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.001, F.A.C.

LANDSCAPE LIGHTING DISPOSITION

| ITEM # | LIGHTING FIXTURE NUMBER | LIGHTING COMPONENT | CIRCUIT | DISPOSITION | NEW OR RELOCATION NUMBER | NOTES |
|--------|-------------------------|--------------------|---------|-------------------|--------------------------|---|
| 61 | D-1 | Uplight | D | REMAIN | - | |
| 62 | D-2 | Uplight | D | REMAIN | - | |
| 63 | D-3 | Uplight | D | REMAIN | - | |
| 64 | D-4 | Uplight | D | REMAIN | - | |
| 65 | D-5 | Uplight | D | REMAIN | - | |
| 66 | D-6 | Uplight | D | REMAIN | - | |
| 67 | D-7 | Uplight | D | REMAIN | - | |
| 68 | D-8 | Uplight | D | REMAIN | - | |
| 69 | D-9 | Uplight | D | REMAIN | - | |
| 70 | D-10 | Uplight | D | REMAIN | - | |
| 71 | D-11 | Uplight | D | REMAIN | - | |
| 72 | D-12 | Uplight | D | REMAIN | - | |
| 73 | D-13 | Uplight | D | RELOCATE | 31 | |
| 74 | D-14 | Uplight | D | RELOCATE | 32 | |
| 75 | E-1 | Uplight | E | RELOCATE | 33 | |
| 76 | E-2 | Uplight | E | RELOCATE | 34 | |
| 77 | E-3 | Uplight | E | RELOCATE | 35 | |
| 78 | E-4 | Uplight | E | RELOCATE | 36 | |
| 79 | E-5 | Uplight | E | RELOCATE | 37 | |
| 80 | E-6 | Uplight | E | RELOCATE | 38 | |
| 81 | E-7 | Uplight | E | RELOCATE | 39 | |
| 82 | E-8 | Uplight | E | RELOCATE | 40 | |
| 83 | E-9 | Uplight | E | RELOCATE | 41 | |
| 84 | | Electrical Panel | E | RELOCATE / REMOVE | N/A | ELECTRICAL SERVICE FOR UPLIGHTING - ALL TO BE REMOVED |
| 85 | E-10 | Uplight | E | RELOCATE | 42 | |
| 86 | E-11 | Uplight | E | RELOCATE | 43 | |
| 87 | E-12 | Uplight | E | RELOCATE | 44 | |
| 88 | E-13 | Uplight | E | RELOCATE | 45 | |
| 89 | E-14 | Uplight | E | RELOCATE | 46 | |
| 90 | E-15 | Uplight | E | RELOCATE | 47 | |
| 91 | E-16 | Uplight | E | RELOCATE | 48 | |
| 92 | E-17 | Uplight | E | RELOCATE | 49 | |
| 93 | E-18 | Uplight | E | RELOCATE | 50 | |
| 94 | E-19 | Uplight | E | RELOCATE | 51 | |
| 95 | E-20 | Uplight | E | RELOCATE | 52 | |
| 96 | E-21 | Uplight | E | RELOCATE | 53 | |
| 97 | E-22 | Uplight | E | RELOCATE | 54 | |
| 98 | E-23 | Uplight | E | RELOCATE | 55 | |
| 99 | E-24 | Uplight | E | RELOCATE | 56 | |
| 100 | E-25 | Uplight | E | RELOCATE | 57 | |
| 101 | E-26 | Uplight | E | RELOCATE | 58 | |
| 102 | E-27 | Uplight | E | RELOCATE | 59 | |
| 103 | E-28 | Uplight | E | RELOCATE | 60 | |
| 104 | E-29 | Uplight | E | RELOCATE | 61 | |
| 105 | E-30 | Uplight | E | RELOCATE | 62 | |
| 106 | E-31 | Uplight | E | RELOCATE | 63 | |
| 107 | E-32 | Uplight | E | REMAIN | - | |
| 108 | E-33 | Uplight | E | REMAIN | - | |
| 109 | E-34 | Uplight | E | REMAIN | - | |
| 110 | F-1 | Uplight | F | REMAIN | - | |
| 111 | F-2 | Uplight | F | REMAIN | - | |
| 112 | F-3 | Uplight | F | REMAIN | - | |
| 113 | F-4 | Uplight | F | REMAIN | - | |
| 114 | | Electrical Panel | F | REMAIN | N/A | |
| 115 | F-5 | Uplight | F | REMAIN | - | |
| 116 | F-6 | Uplight | F | REMAIN | - | |
| 117 | F-7 | Uplight | F | REMAIN | - | |
| 118 | F-8 | Uplight | F | REMAIN | - | |
| 119 | F-9 | Uplight | F | REMAIN | - | |
| 120 | F-10 | Uplight | F | REMAIN | - | |

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-39 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|-------------------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | LIGHTING SCHEDULE & NOTE |

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.001, F.A.C.

LANDSCAPE LIGHTING DISPOSITION

| ITEM # | LIGHTING FIXTURE NUMBER | LIGHTING COMPONENT | CIRCUIT | DISPOSITION | NEW OR RELOCATION NUMBER | NOTES |
|--------|-------------------------|--------------------|---------|-------------------|--------------------------|---|
| 121 | F-11 | Uplight | F | REMAIN | - | |
| 122 | F-12 | Uplight | F | REMAIN | - | |
| 123 | F-13 | Uplight | F | REMAIN | - | |
| 124 | G-1 | Uplight | G | REMAIN | - | |
| 125 | G-2 | Uplight | G | REMAIN | - | |
| 126 | | Electrical Panel | G | RELOCATE / REMOVE | N/A | ELECTRICAL SERVICE FOR UPLIGHTING - ALL TO BE REMOVED |
| 127 | G-3 | Uplight | G | RELOCATE | 57 | |
| 128 | G-4 | Uplight | G | RELOCATE | 58 | |
| 129 | G-5 | Uplight | G | RELOCATE | 59 | |
| 130 | G-6 | Uplight | G | RELOCATE | 60 | |
| 131 | G-7 | Uplight | G | RELOCATE | 61 | |
| 132 | G-8 | Uplight | G | RELOCATE | 62 | |
| 133 | G-9 | Uplight | G | RELOCATE | 63 | |
| 134 | G-10 | Uplight | G | RELOCATE | 64 | |
| 135 | G-11 | Uplight | G | RELOCATE | 65 | |
| 136 | G-12 | Uplight | G | RELOCATE | 66 | |
| 137 | G-13 | Uplight | G | RELOCATE | 67 | |
| 138 | G-14 | Uplight | G | RELOCATE | 68 | |
| 139 | G-15 | Uplight | G | RELOCATE | 69 | |
| 140 | G-16 | Uplight | G | RELOCATE | 70 | |
| 141 | G-17 | Uplight | G | RELOCATE | 71 | |
| 142 | G-18 | Uplight | G | RELOCATE | 72 | |
| 143 | G-19 | Uplight | G | RELOCATE | 73 | |
| 144 | G-20 | Uplight | G | RELOCATE | 74 | |
| 145 | G-21 | Uplight | G | RELOCATE | 75 | |
| 146 | G-22 | Uplight | G | RELOCATE | 76 | |
| 147 | H-1 | Uplight | H | RELOCATE | 77 | |
| 148 | H-2 | Uplight | H | RELOCATE | 78 | |
| 149 | H-3 | Uplight | H | RELOCATE | 79 | |
| 150 | H-4 | Uplight | H | RELOCATE | 80 | |
| 151 | H-5 | Uplight | H | RELOCATE | 81 | |
| 152 | H-6 | Uplight | H | RELOCATE | 82 | |
| 153 | H-7 | Uplight | H | REMAIN | - | |
| 154 | H-8 | Uplight | H | REMAIN | - | |
| 155 | H-9 | Uplight | H | REMAIN | - | |
| 156 | H-10 | Uplight | H | REMAIN | - | |
| 157 | H-11 | Uplight | H | REMAIN | - | |
| 158 | H-12 | Uplight | H | REMAIN | - | |
| 159 | | Electrical Panel | H | REMAIN | N/A | |
| 160 | I-1 | Uplight | I | REMAIN | - | |
| 161 | I-2 | Uplight | I | REMAIN | - | |
| 162 | I-3 | Uplight | I | REMAIN | - | |
| 163 | I-4 | Uplight | I | REMAIN | - | |
| 164 | I-5 | Uplight | I | REMAIN | - | |
| 165 | I-6 | Uplight | I | REMAIN | - | |
| 166 | I-7 | Uplight | I | REMAIN | - | |
| 167 | I-8 | Uplight | I | REMAIN | - | |
| 168 | I-9 | Uplight | I | REMAIN | - | |
| 169 | I-10 | Uplight | I | REMAIN | - | |
| 170 | J-1 | Uplight | J | RELOCATE | 83 | |
| 171 | J-2 | Uplight | J | RELOCATE | 84 | |
| 172 | J-3 | Uplight | J | RELOCATE | 85 | |
| 173 | J-4 | Uplight | J | RELOCATE | 86 | |
| 174 | J-5 | Uplight | J | RELOCATE | 87 | |
| 175 | J-5 | Uplight | J | RELOCATE | 88 | |
| 176 | J-6 | Uplight | J | RELOCATE | 89 | |
| 177 | J-7 | Uplight | J | RELOCATE | 90 | |
| 178 | | Electrical Panel | J | RELOCATE / REMOVE | N/A | ELECTRICAL SERVICE FOR UPLIGHTING - ALL TO BE REMOVED |
| 179 | J-8 | Uplight | J | RELOCATE | 91 | |
| 180 | J-9 | Uplight | J | RELOCATE | 92 | |

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-40 |
|-----------|-------------|------|-------------|---|--|------------|----------------------|-------------------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | LIGHTING SCHEDULE & NOTE |

LANDSCAPE LIGHTING DISPOSITION

| ITEM # | LIGHTING FIXTURE NUMBER | LIGHTING COMPONENT | CIRCUIT | DISPOSITION | NEW OR RELOCATION NUMBER | NOTES |
|--------|-------------------------|--------------------|---------|-------------|--------------------------|-------|
| 181 | J-10 | Uplight | J | RELOCATE | 93 | |
| 182 | J-11 | Uplight | J | RELOCATE | 94 | |
| 183 | J-12 | Uplight | J | RELOCATE | 95 | |
| 184 | J-13 | Uplight | J | RELOCATE | 96 | |
| 185 | K-1 | Uplight | K | RELOCATE | 97 | |
| 186 | K-2 | Uplight | K | RELOCATE | 98 | |
| 187 | K-3 | Uplight | K | RELOCATE | 99 | |
| 188 | K-4 | Uplight | K | RELOCATE | 100 | |
| 189 | K-5 | Uplight | K | RELOCATE | 101 | |
| 190 | K-6 | Uplight | K | RELOCATE | 102 | |
| 191 | K-7 | Uplight | K | RELOCATE | 103 | |
| 192 | K-8 | Uplight | K | RELOCATE | 104 | |
| 193 | K-9 | Uplight | K | RELOCATE | 105 | |
| 194 | K-10 | Uplight | K | RELOCATE | 106 | |
| 195 | K-11 | Uplight | K | RELOCATE | 107 | |
| 196 | L-1 | Uplight | L | RELOCATE | 108 | |
| 197 | L-2 | Uplight | L | RELOCATE | 109 | |
| 198 | L-3 | Uplight | L | REMAIN | - | |
| 199 | L-4 | Uplight | L | REMAIN | - | |
| 200 | L-5 | Uplight | L | REMAIN | - | |
| 201 | L-6 | Uplight | L | REMAIN | - | |
| 202 | L-7 | Uplight | L | REMAIN | - | |
| 203 | L-8 | Uplight | L | REMAIN | - | |
| 204 | L-9 | Uplight | L | REMAIN | - | |
| 205 | M-1 | Uplight | M | REMAIN | - | |
| 206 | M-2 | Uplight | M | REMAIN | - | |
| 207 | M-3 | Uplight | M | REMAIN | - | |
| 208 | M-4 | Uplight | M | REMAIN | - | |
| 209 | M-5 | Uplight | M | REMAIN | - | |
| 210 | M-6 | Uplight | M | REMAIN | - | |
| 211 | M-7 | Uplight | M | REMAIN | - | |
| 212 | M-8 | Uplight | M | REMAIN | - | |
| 213 | M-9 | Uplight | M | REMAIN | - | |
| 214 | M-10 | Uplight | M | REMAIN | - | |
| 215 | M-11 | Uplight | M | REMAIN | - | |
| 216 | M-12 | Uplight | M | REMAIN | - | |
| 217 | M-13 | Uplight | M | REMAIN | - | |
| 218 | M-14 | Uplight | M | REMAIN | - | |

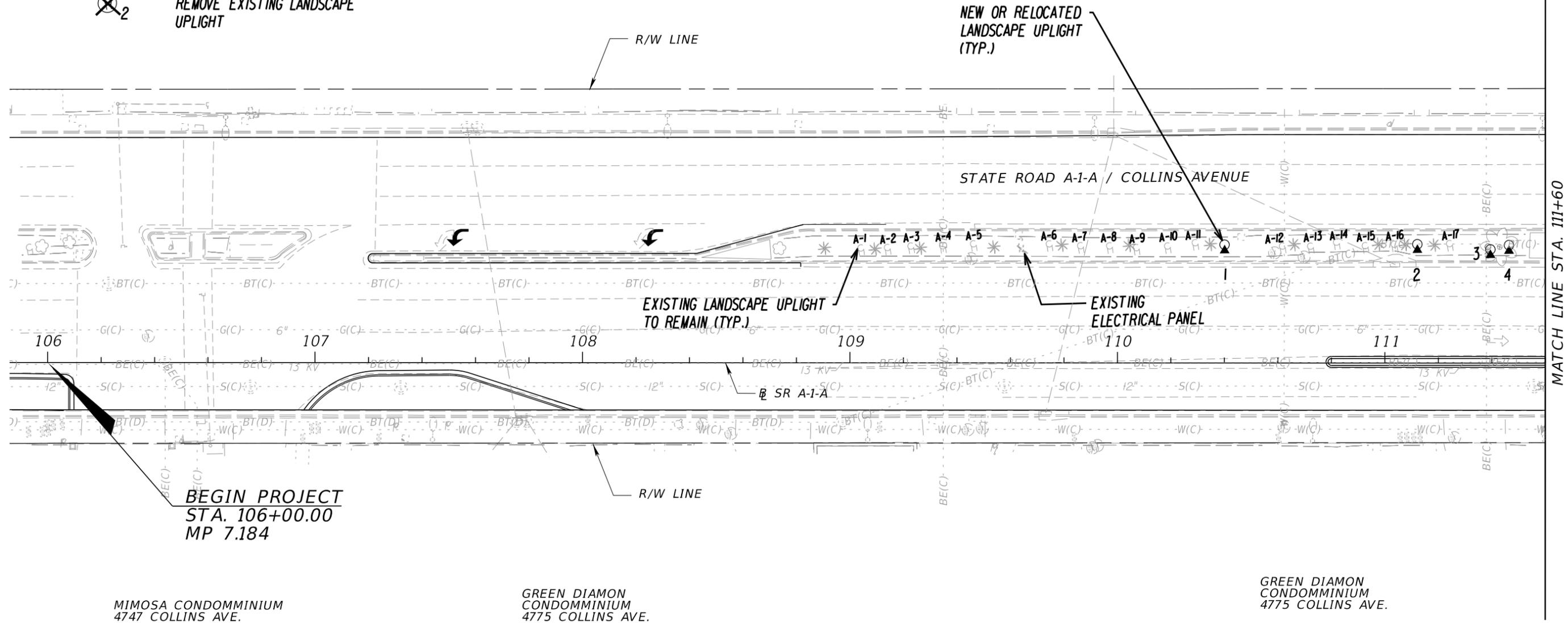
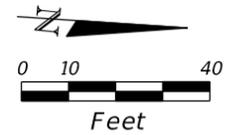
| PAY ITEM NO. | PAY SIZE | SYM | BOTANICAL NAME | COMMON NAME | INSTALLED SIZE | MAXIMUM MAINTAINED SIZE | SPACING | REMARKS | UNIT | SHEET NUMBERS | | | | | | | | TOTAL THIS SHEET | | FINAL THIS SHEET | | | | | |
|--------------|----------|-----|--|-------------|----------------|-------------------------|---------|---------|------|---------------|--|-------|--|------|--|-------|--|------------------|------|------------------|--|------|-------|------|-------|
| | | | | | | | | | | PLAN | | FINAL | | PLAN | | FINAL | | PLAN | | FINAL | | PLAN | FINAL | PLAN | FINAL |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| 630-2-11 | | | Conduit, Furnish & Install, Open Trench | | | | | | LF | | | | | | | | | | 2000 | | | | | | |
| 635-2-11 | | | Pull Boxes | | | | | | Ea | | | | | | | | | | 10 | | | | | | |
| 639-2-1 | | | Electrical Service Wire | | | | | | LF | | | | | | | | | | 1250 | | | | | | |
| 715-1-11 | | | Lighting Conductors,F&I,Insulated,No. 10or < | | | | | | Ea | | | | | | | | | | 5 | | | | | | |
| 715-7-21 | | | Load Center,Rework, Secondary Voltage | | | | | | Ea | | | | | | | | | | 1 | | | | | | |
| 715-1-14 | | | Luminaire relocate | | | | | | Ea | | | | | | | | | | 125 | | | | | | |
| 715-1-15 | | | Luminaire remove | | | | | | Ea | | | | | | | | | | 5 | | | | | | |

| | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--------------------|--|
| REVISIONS DATE DESCRIPTION DATE DESCRIPTION | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT ID SR A1A MIAMI-DADE 434773-1-52-01 | | | LIGHTING SCHEDULE & NOTE | | | | SHEET NO. LD-41 | |
|--|--|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--------------------|--|

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

LANDSCAPE UPLIGHT LEGEND

-  EXISTING LANDSCAPE UPLIGHT TO REMAIN (W/ # I.D.)
-  EXISTING LANDSCAPE UPLIGHT TO BE RELOCATED (# I.D.)
-  RELOCATED LANDSCAPE UPLIGHT (USING NUMBERED EXISTING UPLIGHT (# I.D.))
-  NEW LANDSCAPE UPLIGHT
-  REMOVE EXISTING LANDSCAPE UPLIGHT



MATCH LINE STA. 111+60

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-42 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | |

LIGHTING PLAN

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.01, F.A.C.

LANDSCAPE UPLIGHT LEGEND

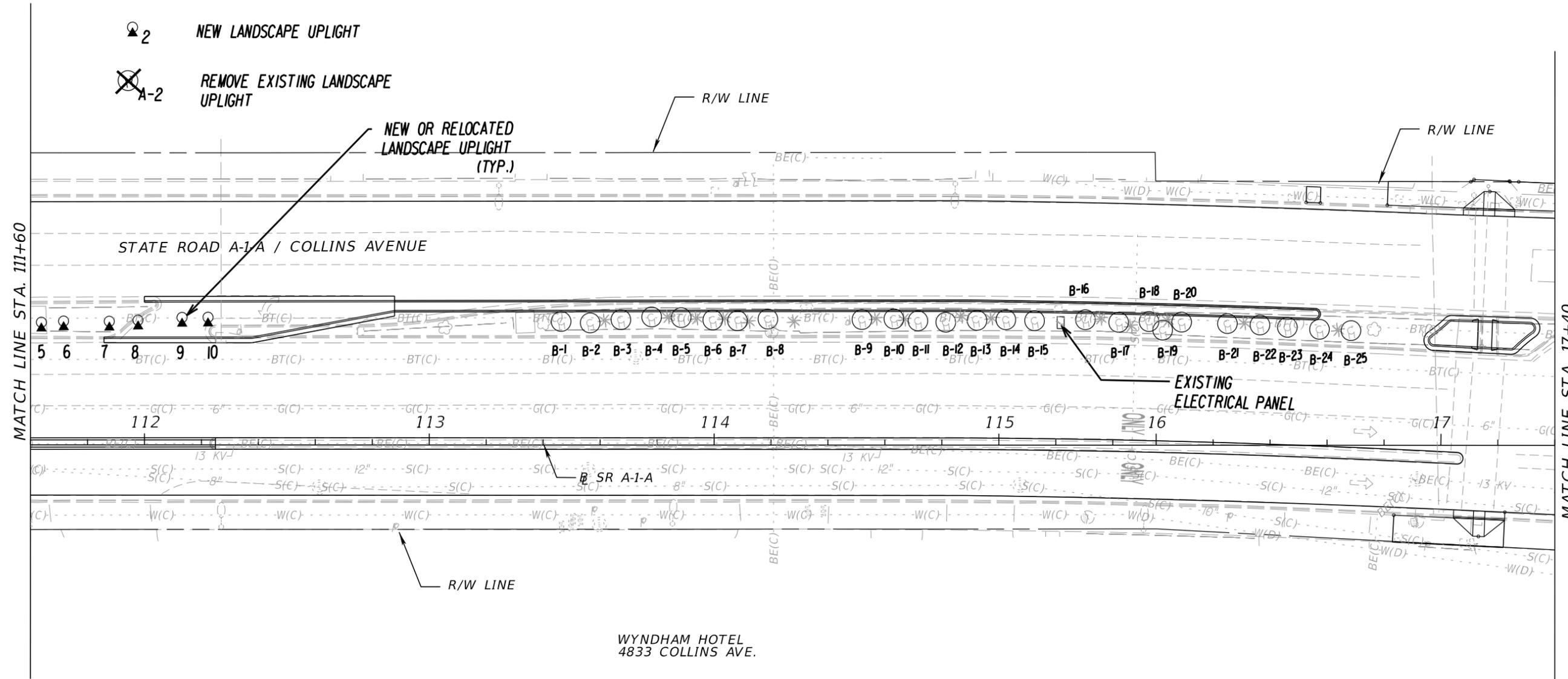
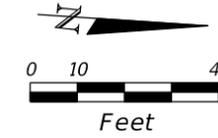
⊕ A-2 EXISTING LANDSCAPE UPLIGHT TO REMAIN

⊕ A-2 EXISTING LANDSCAPE UPLIGHT TO BE RELOCATED (# I.D.)

⊕ 2 RELOCATED LANDSCAPE UPLIGHT (USING NUMBERED EXISTING UPLIGHT (# I.D.))

⊕ 2 NEW LANDSCAPE UPLIGHT

⊗ A-2 REMOVE EXISTING LANDSCAPE UPLIGHT



| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

Landscape Architect of Record:
 Brian R. Shore LA-6666770
 MILLER LEGG
 5747 North Andrews Way
 Fort Lauderdale, Florida 33309-2364
 954-436-7000 • Fax: 954-436-8664
 Certification of Auth.: LC0000337

| | | |
|--|------------|----------------------|
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR A1A | MIAMI-DADE | 434773-1-52-01 |

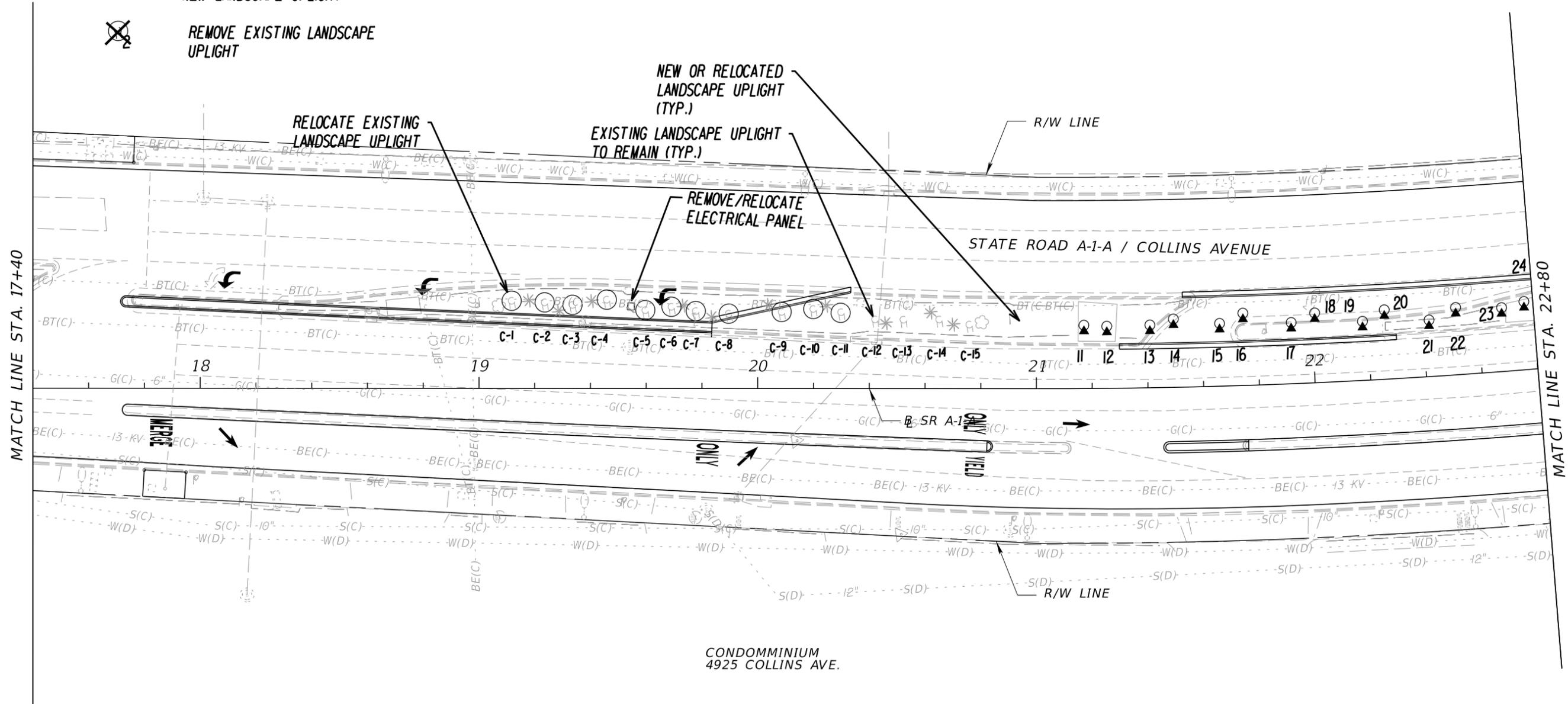
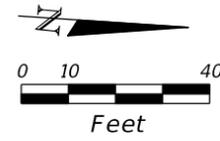
LIGHTING PLAN

SHEET NO.
LD-43

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.001, F.A.C.

LANDSCAPE UPLIGHT LEGEND

- H 2 EXISTING LANDSCAPE UPLIGHT TO REMAIN
- (H) 2 EXISTING LANDSCAPE UPLIGHT TO BE RELOCATED (# I.D.)
- Q 2 RELOCATED LANDSCAPE UPLIGHT (USING NUMBERED EXISTING UPLIGHT (# I.D.))
- Q NEW LANDSCAPE UPLIGHT
- ⊗ REMOVE EXISTING LANDSCAPE UPLIGHT



MATCH LINE STA. 17+40

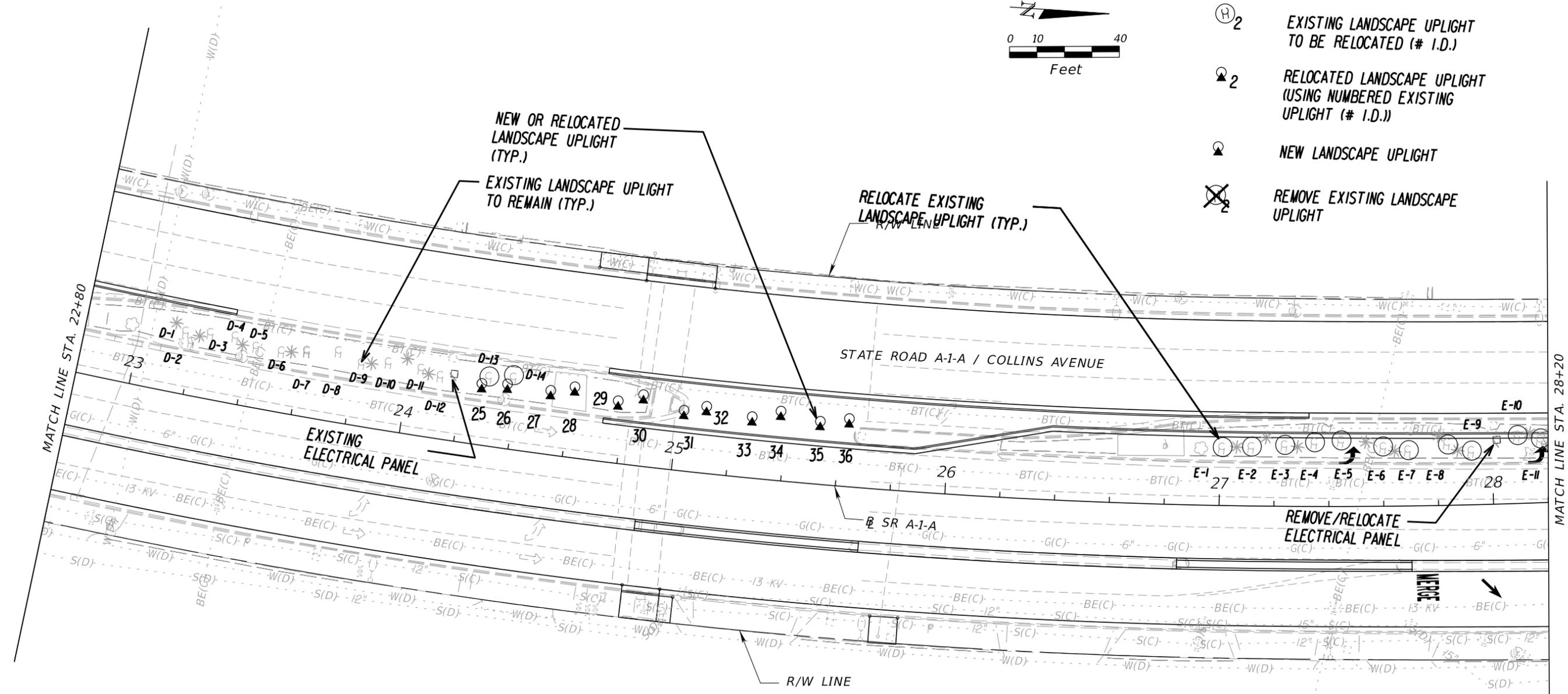
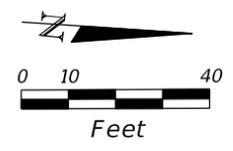
MATCH LINE STA. 22+80

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 954-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-44 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | |

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.001, F.A.C.

LANDSCAPE UPLIGHT LEGEND

- H2 EXISTING LANDSCAPE UPLIGHT TO REMAIN
- (H)2 EXISTING LANDSCAPE UPLIGHT TO BE RELOCATED (# I.D.)
- ⬆️2 RELOCATED LANDSCAPE UPLIGHT (USING NUMBERED EXISTING UPLIGHT (# I.D.))
- ⬆️ NEW LANDSCAPE UPLIGHT
- ⊗2 REMOVE EXISTING LANDSCAPE UPLIGHT



CONDOMINIUM
5005 COLLINS AVE.

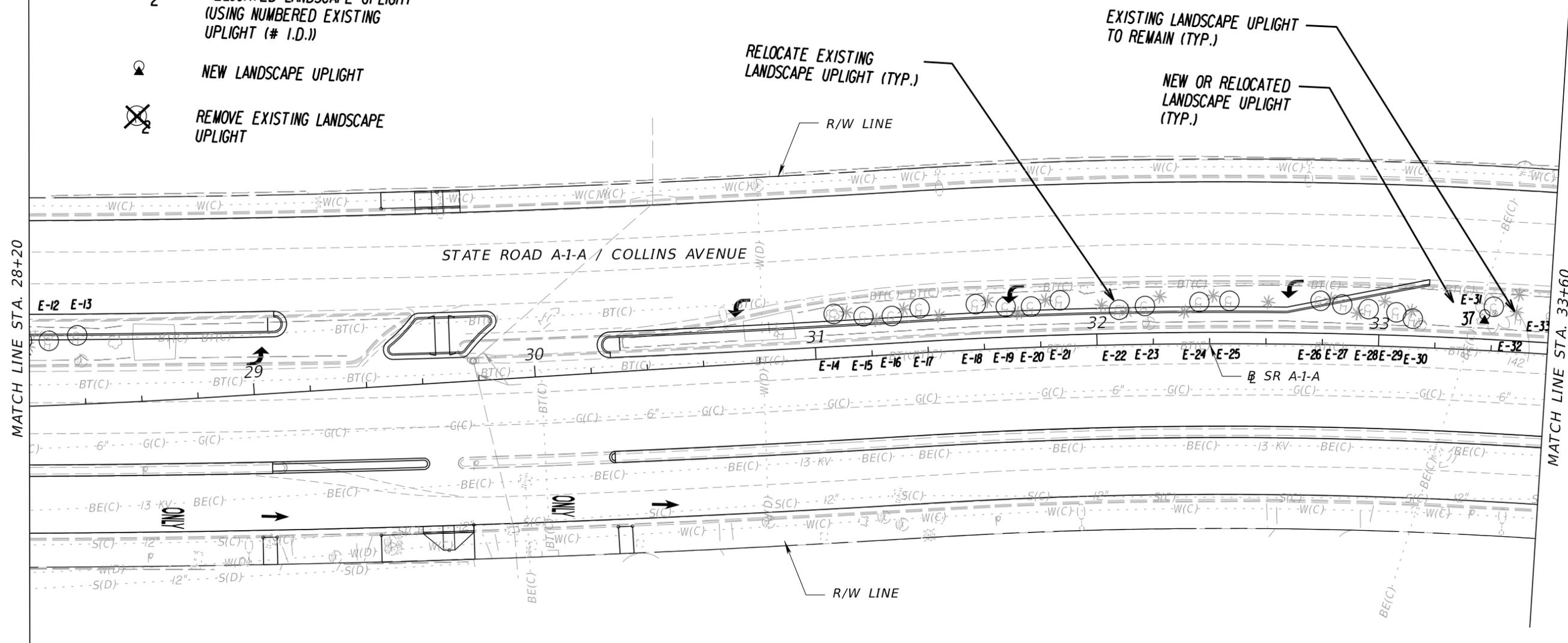
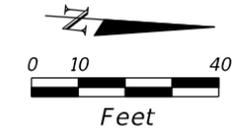
CONDOMINIUM
5005 COLLINS AVE.

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | LIGHTING PLAN | SHEET NO. LD-45 |
|-----------|-------------|------|-------------|--|--|----------------|----------------------|----------------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | | | |

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.001, F.A.C.

LANDSCAPE UPLIGHT LEGEND

- H_2 EXISTING LANDSCAPE UPLIGHT TO REMAIN
- \textcircled{H}_2 EXISTING LANDSCAPE UPLIGHT TO BE RELOCATED (# I.D.)
- \textcircled{H}_2 RELOCATED LANDSCAPE UPLIGHT (USING NUMBERED EXISTING UPLIGHT (# I.D.))
- \textcircled{H}_2 NEW LANDSCAPE UPLIGHT
- \textcircled{H}_2 REMOVE EXISTING LANDSCAPE UPLIGHT



SEACOST SUITES
5101 COLLINS AVE.

MIMOSA CONDOMMINIUM
5151 COLLINS AVE.

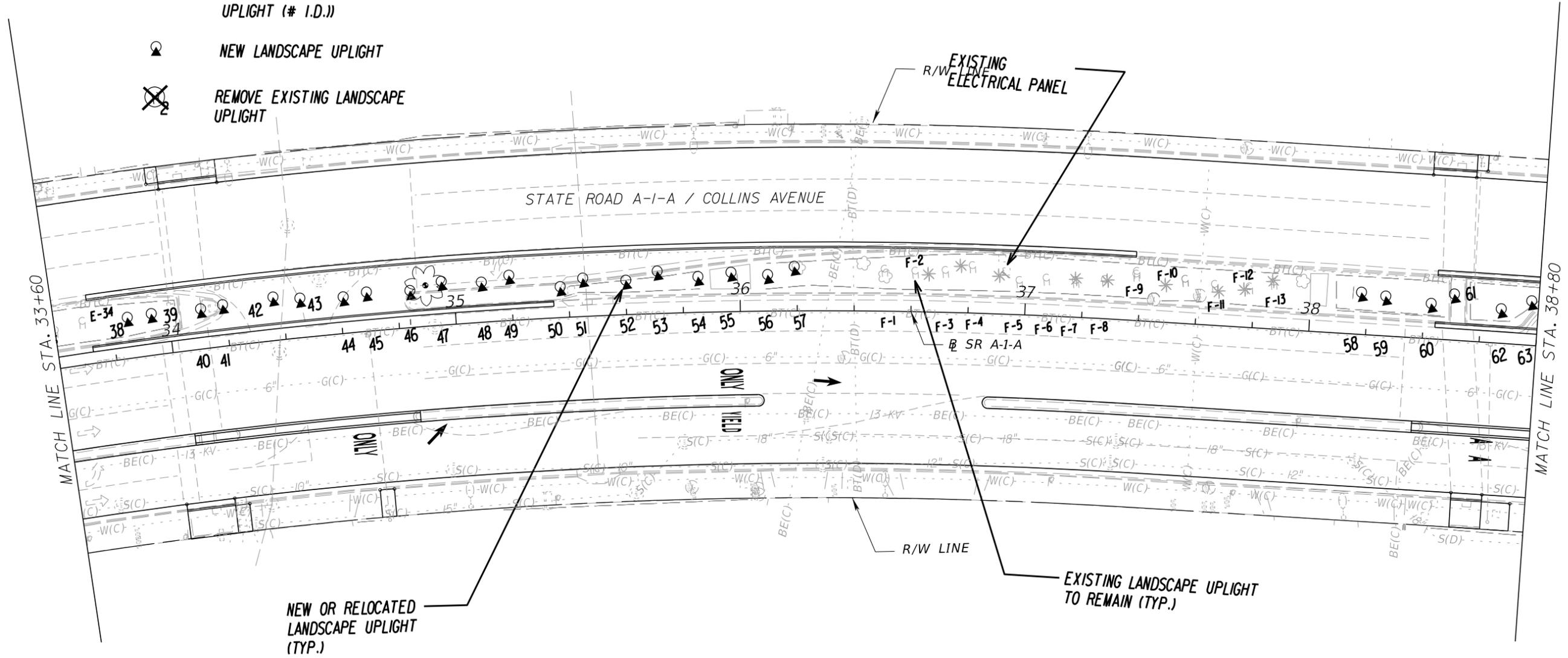
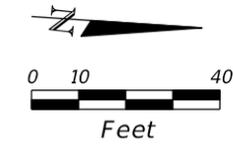
| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-46 |
|-----------|-------------|------|-------------|---|--|------------|----------------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | |

LIGHTING PLAN

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

LANDSCAPE UPLIGHT LEGEND

- H₂ EXISTING LANDSCAPE UPLIGHT TO REMAIN
- (H)₂ EXISTING LANDSCAPE UPLIGHT TO BE RELOCATED (# I.D.)
- ⤴₂ RELOCATED LANDSCAPE UPLIGHT (USING NUMBERED EXISTING UPLIGHT (# I.D.))
- ⤴ NEW LANDSCAPE UPLIGHT
- ⊗₂ REMOVE EXISTING LANDSCAPE UPLIGHT

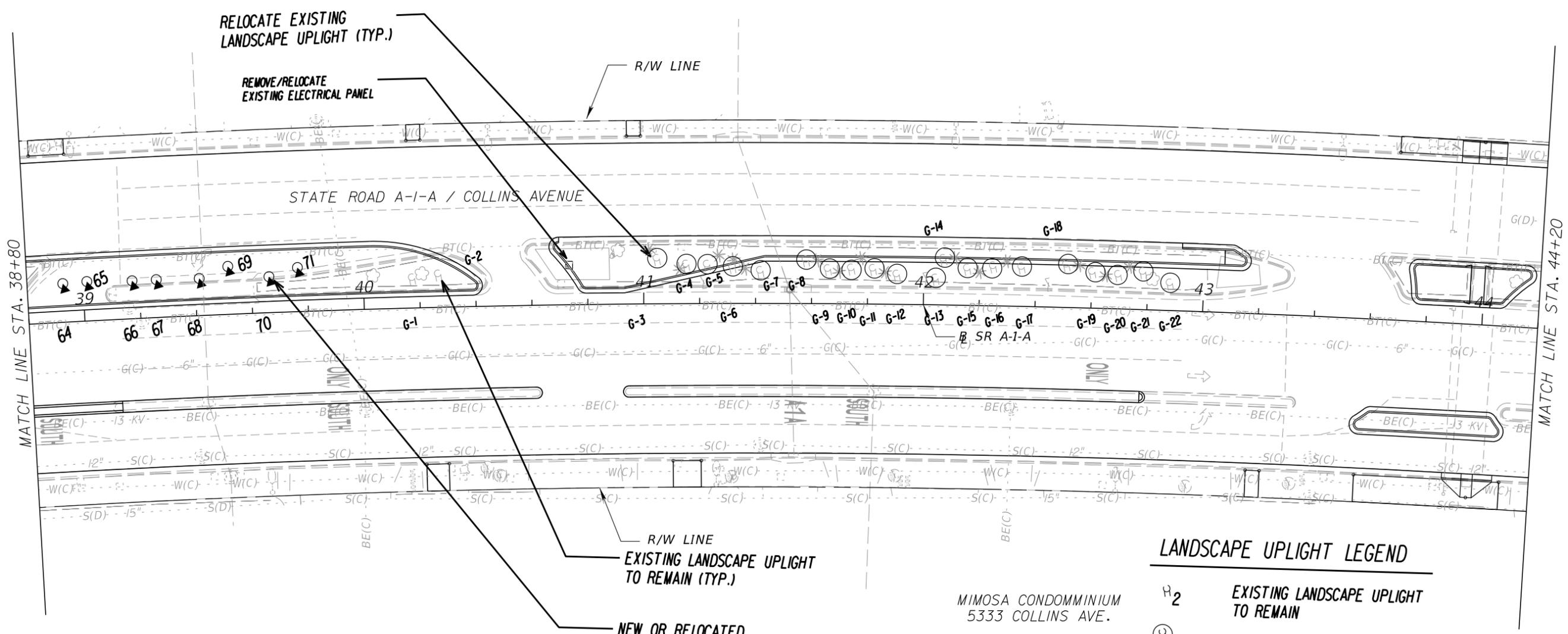
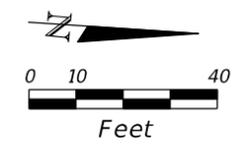


ALEXANDER ALL SUITE
 OCEAN FRONT
 5225 COLLINS AVE.

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-47 |
|-----------|-------------|------|-------------|--|--|----------------|----------------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | | |

LIGHTING PLAN

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.01, F.A.C.



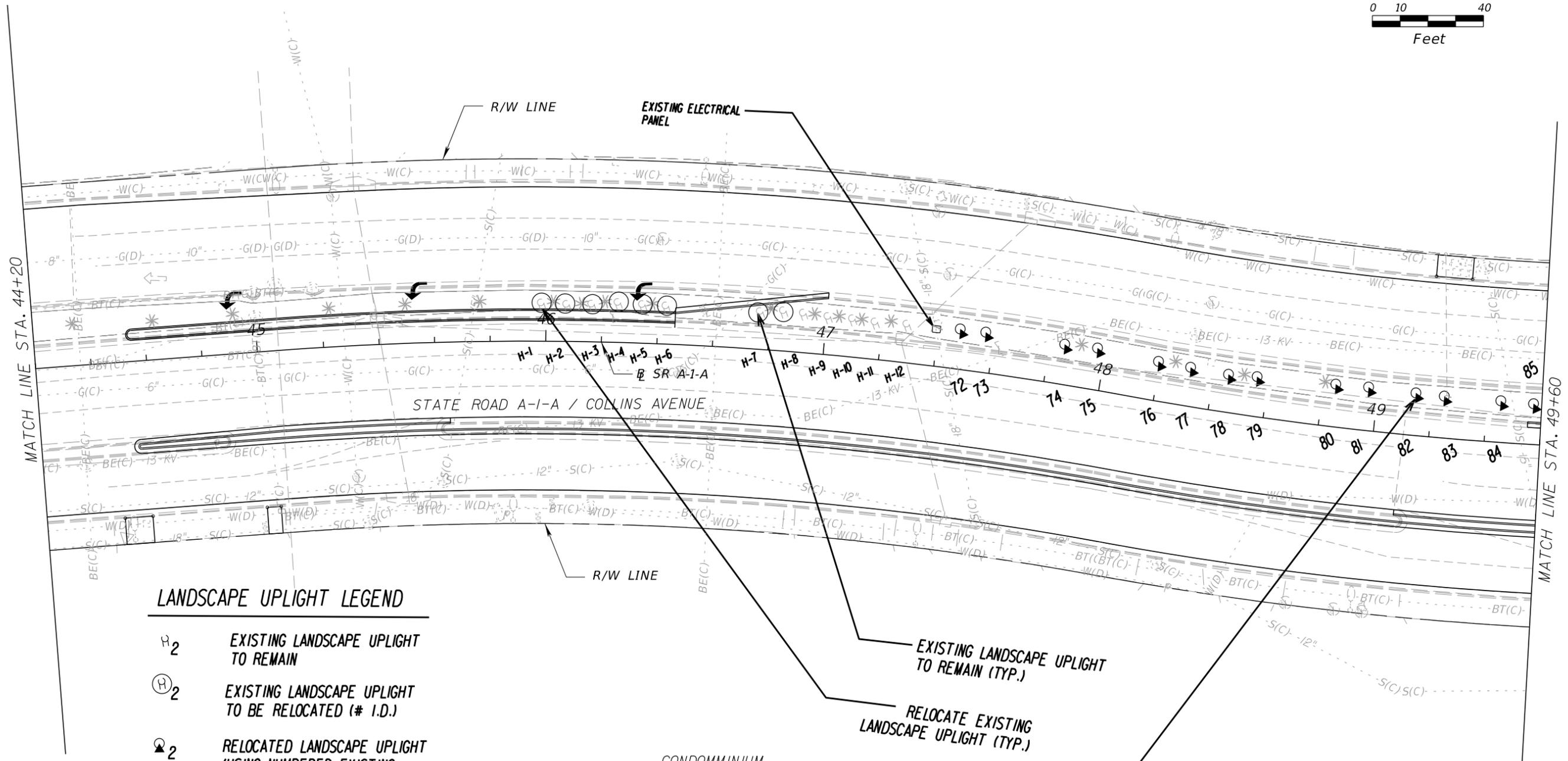
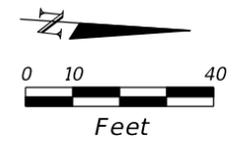
LANDSCAPE UPLIGHT LEGEND

- EXISTING LANDSCAPE UPLIGHT TO REMAIN
- EXISTING LANDSCAPE UPLIGHT TO BE RELOCATED (# I.D.)
- RELOCATED LANDSCAPE UPLIGHT (USING NUMBERED EXISTING UPLIGHT (# I.D.))
- NEW LANDSCAPE UPLIGHT
- REMOVE EXISTING LANDSCAPE UPLIGHT

MIMOSA CONDOMINIUM
5333 COLLINS AVE.

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-48 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | |

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.001, F.A.C.



LANDSCAPE UPLIGHT LEGEND

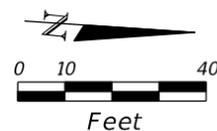
- H_2 EXISTING LANDSCAPE UPLIGHT TO REMAIN
- \textcircled{H}_2 EXISTING LANDSCAPE UPLIGHT TO BE RELOCATED (# I.D.)
- $\textcircled{\cdot H}_2$ RELOCATED LANDSCAPE UPLIGHT (USING NUMBERED EXISTING UPLIGHT (# I.D.))
- $\textcircled{\cdot}$ NEW LANDSCAPE UPLIGHT
- $\textcircled{\times}$ REMOVE EXISTING LANDSCAPE UPLIGHT

CONDOMINIUM
5415 COLLINS AVE.

- EXISTING LANDSCAPE UPLIGHT TO REMAIN (TYP.)
- RELOCATE EXISTING LANDSCAPE UPLIGHT (TYP.)
- NEW OR RELOCATED LANDSCAPE UPLIGHT (TYP.)

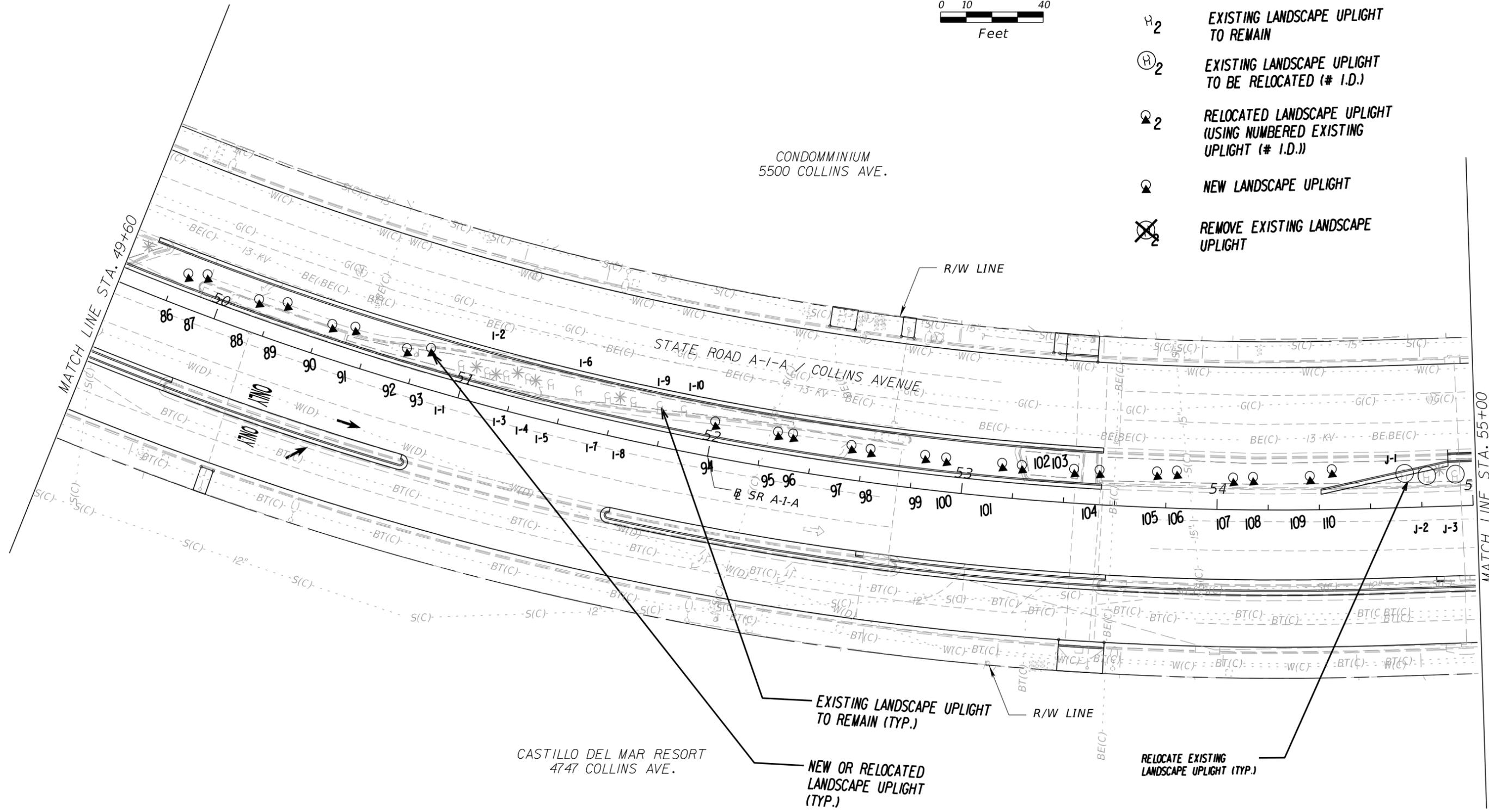
| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-49 |
|-----------|-------------|------|-------------|--|--|----------------|----------------------|------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | | |

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.001, F.A.C.



LANDSCAPE UPLIGHT LEGEND

- EXISTING LANDSCAPE UPLIGHT TO REMAIN
- EXISTING LANDSCAPE UPLIGHT TO BE RELOCATED (# I.D.)
- RELOCATED LANDSCAPE UPLIGHT (USING NUMBERED EXISTING UPLIGHT (# I.D.))
- NEW LANDSCAPE UPLIGHT
- REMOVE EXISTING LANDSCAPE UPLIGHT



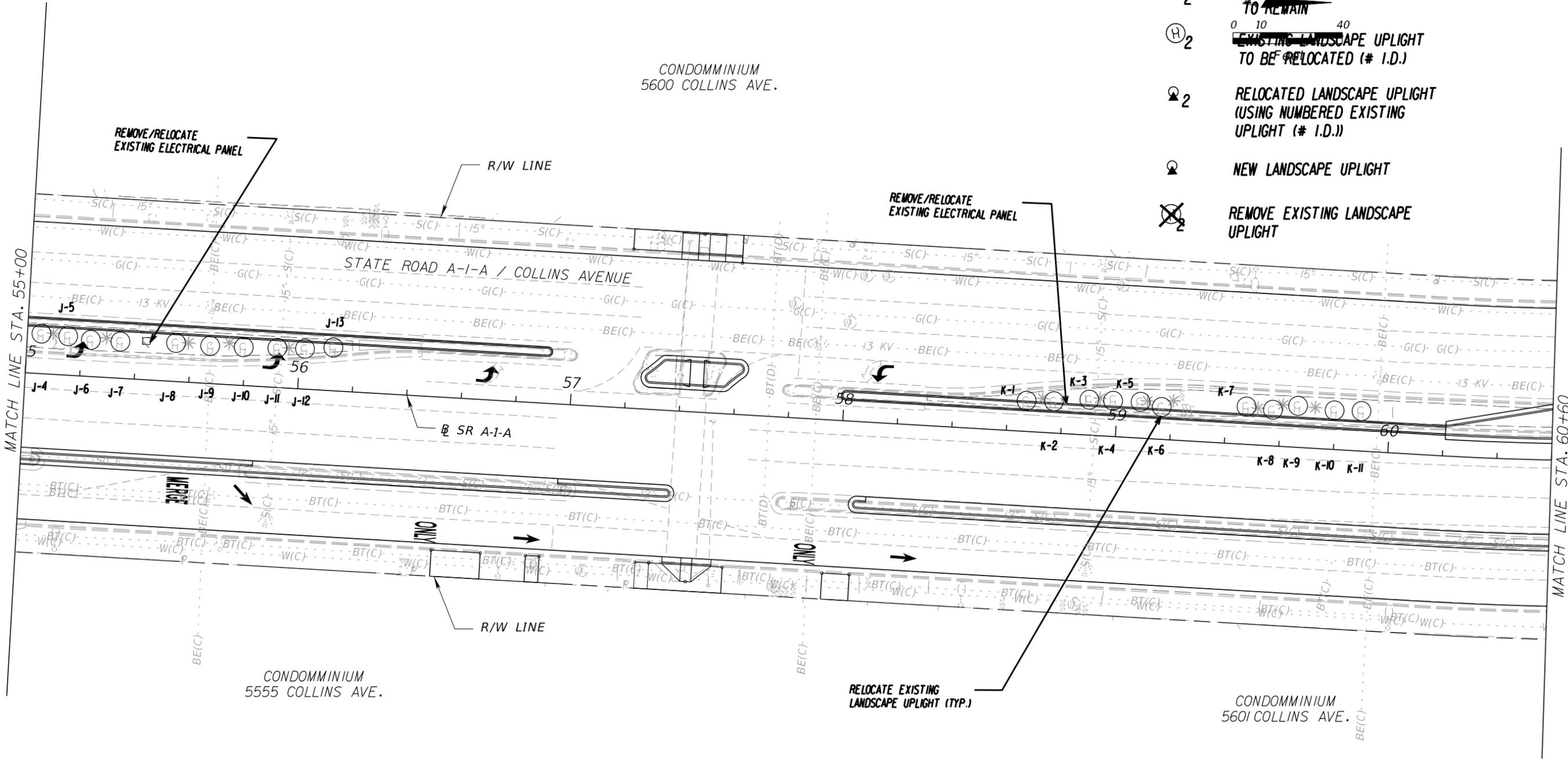
| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-50 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | |

LIGHTING PLAN

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.001, F.A.C.

LANDSCAPE UPLIGHT LEGEND

- EXISTING LANDSCAPE UPLIGHT TO REMAIN
- EXISTING LANDSCAPE UPLIGHT TO BE RELOCATED (# I.D.)
- RELOCATED LANDSCAPE UPLIGHT (USING NUMBERED EXISTING UPLIGHT (# I.D.))
- NEW LANDSCAPE UPLIGHT
- REMOVE EXISTING LANDSCAPE UPLIGHT



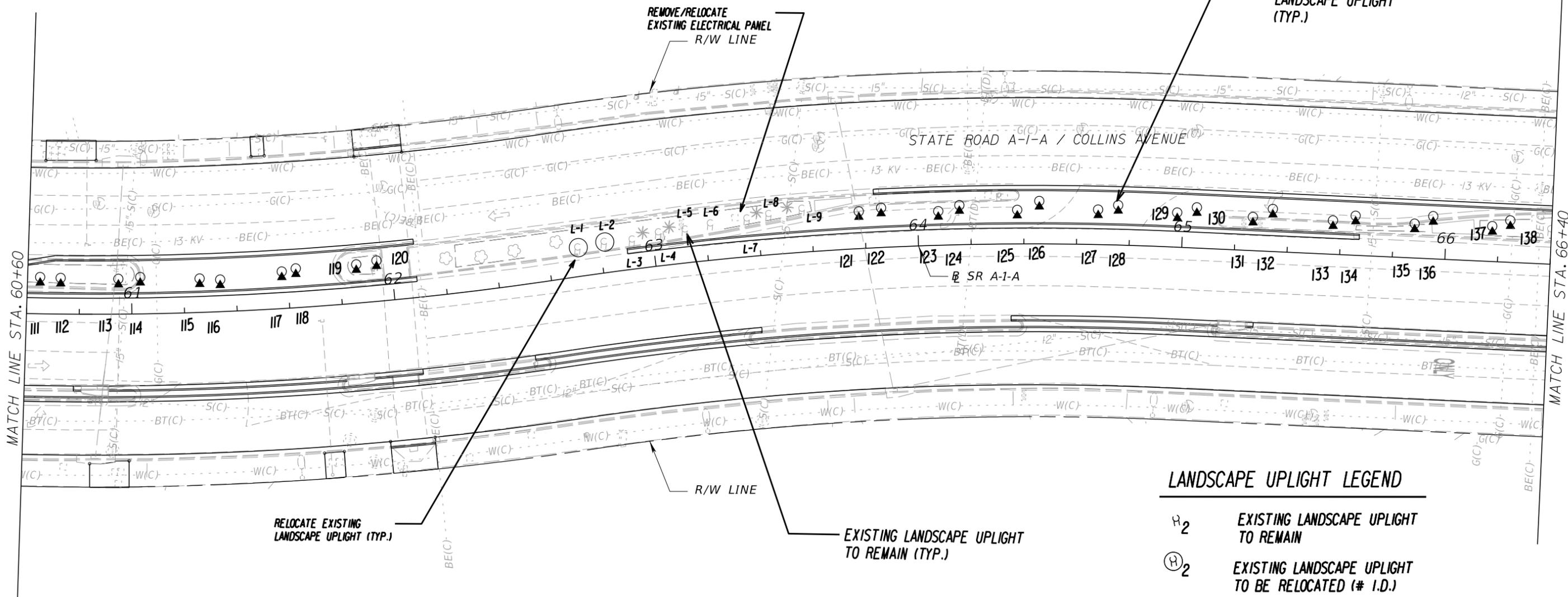
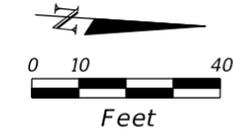
| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-51 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | |

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.01, F.A.C.

CONDOMINIUM
5600 COLLINS AVE.

CONDOMINIUM
5660 COLLINS AVE.

CONDOMINIUM
5700 COLLINS AVE.



RELOCATE EXISTING
LANDSCAPE UPLIGHT (TYP.)

EXISTING LANDSCAPE UPLIGHT
TO REMAIN (TYP.)

LANDSCAPE UPLIGHT LEGEND

- EXISTING LANDSCAPE UPLIGHT TO REMAIN
- EXISTING LANDSCAPE UPLIGHT TO BE RELOCATED (# I.D.)
- RELOCATED LANDSCAPE UPLIGHT (USING NUMBERED EXISTING UPLIGHT (# I.D.))
- NEW LANDSCAPE UPLIGHT
- REMOVE EXISTING LANDSCAPE UPLIGHT

CONDOMINIUM
5701 COLLINS AVE.

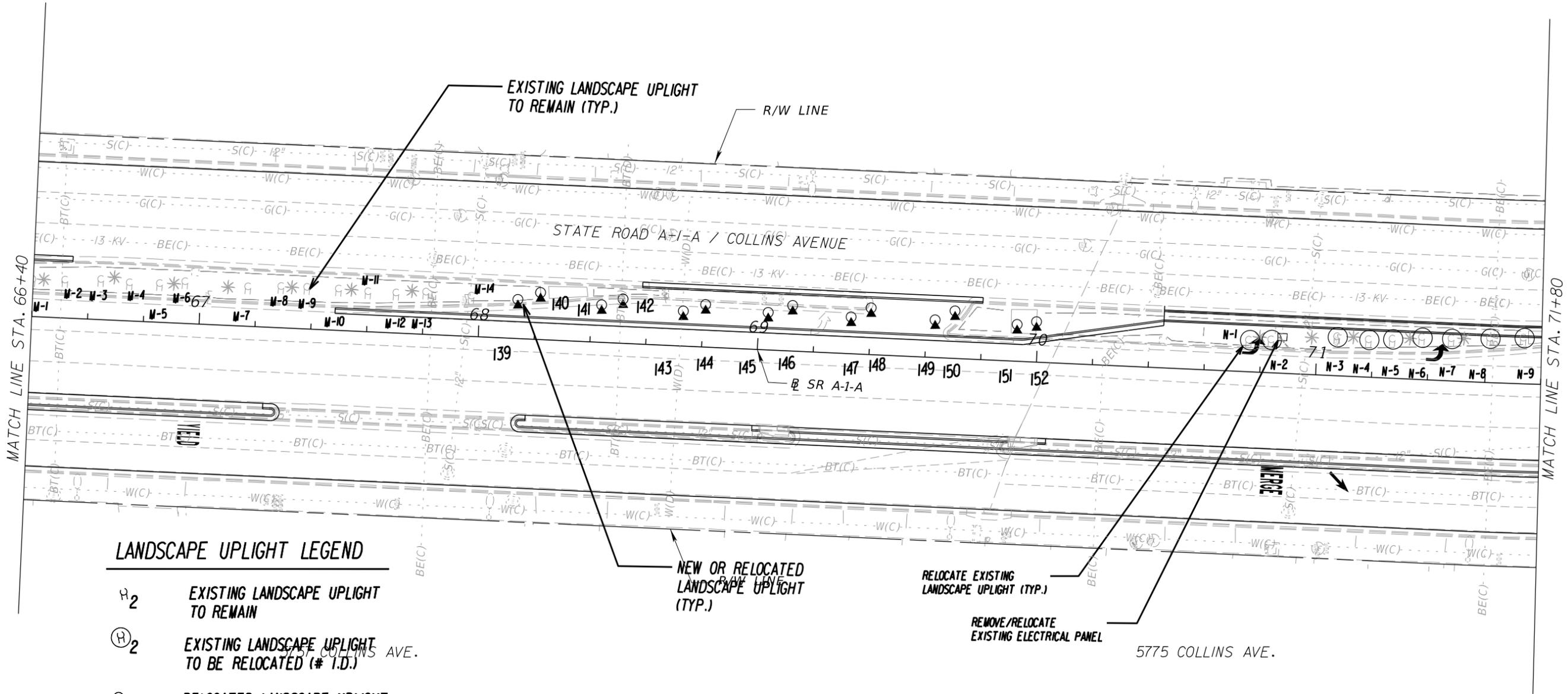
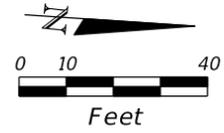
| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-52 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|---------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | |

LIGHTING PLAN

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.01, F.A.C.

5750 COLLINS AVE.

5800 COLLINS AVE.



LANDSCAPE UPLIGHT LEGEND

-  EXISTING LANDSCAPE UPLIGHT TO REMAIN
-  EXISTING LANDSCAPE UPLIGHT TO BE RELOCATED (# I.D.)
-  RELOCATED LANDSCAPE UPLIGHT (USING NUMBERED EXISTING UPLIGHT (# I.D.))
-  NEW LANDSCAPE UPLIGHT
-  REMOVE EXISTING LANDSCAPE UPLIGHT

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

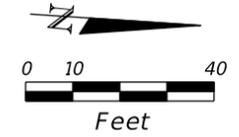
Landscape Architect of Record:
 Brian R. Shore LA-6666770
 MILLER LEGG
 5747 North Andrews Way
 Fort Lauderdale, Florida 33309-2364
 954-436-7000 • Fax: 956-436-8664
 Certification of Auth.: LC0000337

| | | |
|--|------------|----------------------|
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR A1A | MIAMI-DADE | 434773-1-52-01 |

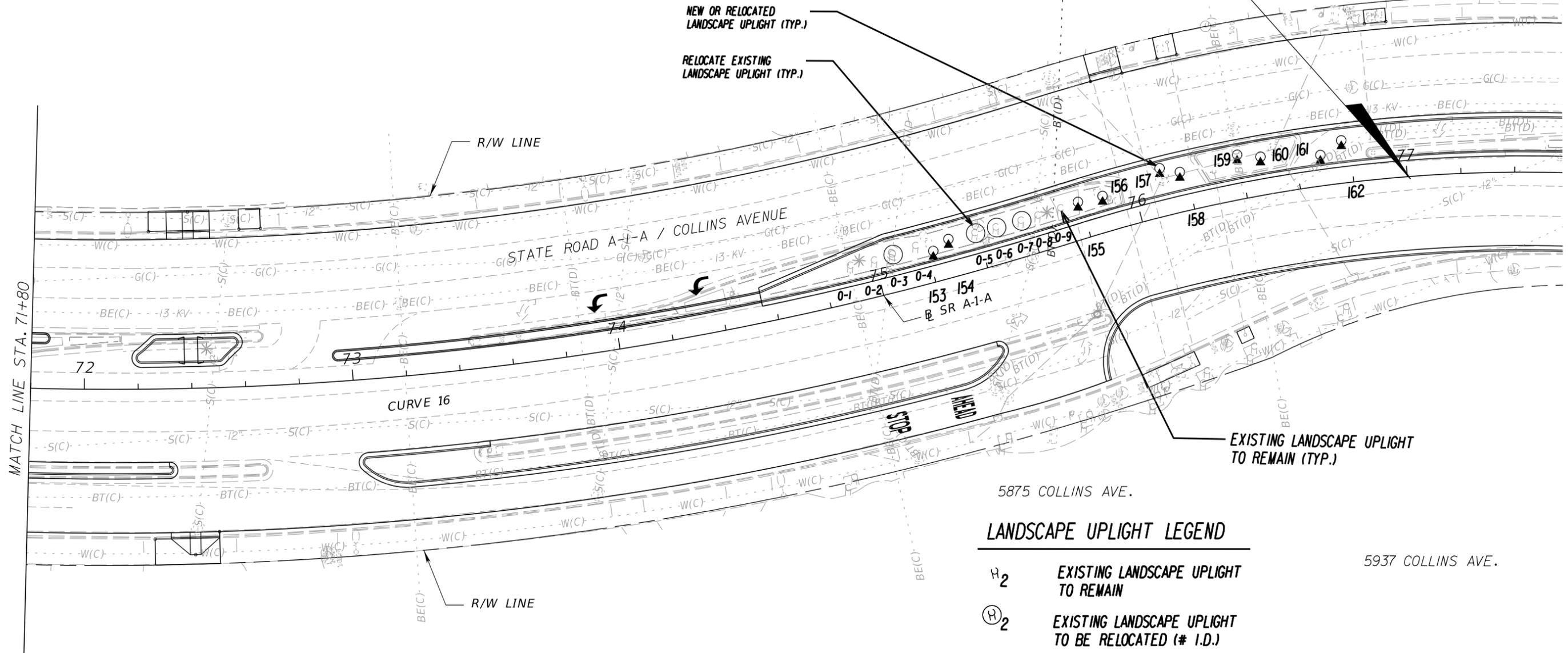
LIGHTING PLAN

SHEET NO.
LD-53

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.01, F.A.C.



END PROJECT
STA. 77+00.00
MP 8.463



MATCH LINE STA. 71+80

5825 COLLINS AVE.

5857 COLLINS AVE.

5875 COLLINS AVE.

5937 COLLINS AVE.

LANDSCAPE UPLIGHT LEGEND

- EXISTING LANDSCAPE UPLIGHT TO REMAIN
- EXISTING LANDSCAPE UPLIGHT TO BE RELOCATED (# I.D.)
- RELOCATED LANDSCAPE UPLIGHT (USING NUMBERED EXISTING UPLIGHT (# I.D.))
- NEW LANDSCAPE UPLIGHT
- REMOVE EXISTING LANDSCAPE UPLIGHT

| REVISIONS | | | | Landscape Architect of Record: Brian R. Shore LA-6666770 MILLER LEGG 5747 North Andrews Way Fort Lauderdale, Florida 33309-2364 954-436-7000 • Fax: 956-436-8664 Certification of Auth.: LC0000337 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. LD-54 |
|-----------|-------------|------|-------------|--|--|------------|----------------------|------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR A1A | MIAMI-DADE | 434773-1-52-01 | |

LIGHTING PLAN

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.01, F.A.C.