

CITY OF DORAL

LANDMARK AT DORAL

TRAFFIC CALMING IMPROVEMENTS

MIAMI-DADE COUNTY, FLORIDA

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APPROVALS			
AGENCY	SUBMITTAL DATE	APPROVAL DATE	PERMIT NUMBER



901 Ponce de Leon Blvd. Suite 900
Coral Gables, Florida 33134
Tel. 305-445-2900
Fax. 305-445-3344
www.stantec.com

ENGINEER'S CERTIFICATION:
THIS PLAN WAS PREPARED UNDER MY DIRECTION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF COMPLIES WITH THE INTENT OF THE MANUAL OF UNIFORM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS, AS ADOPTED BY THE STATE OF FLORIDA LEGISLATURE, CHAPTER 72-328 F.S.

DEVELOPED FOR:

CITY OF DORAL



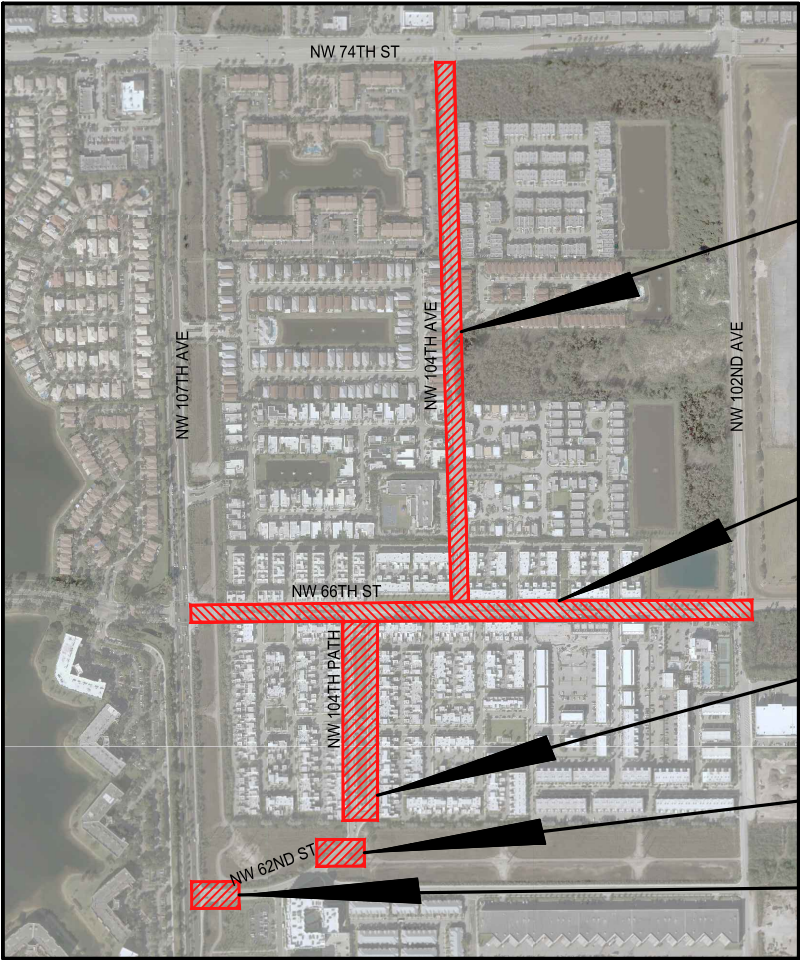
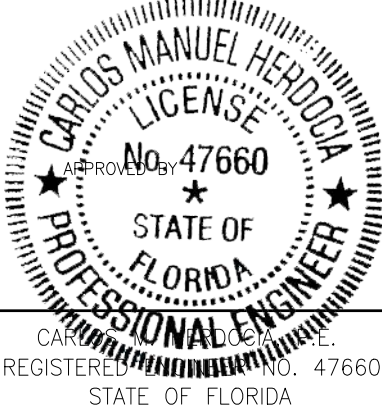
Mayor Christi Fraga
Vice Mayor Oscar Puig-Corve
Councilwoman Digna Cabral
Councilwoman Maureen Porras
Councilman Rafael Pineyro

PROJECT No. 215618043

AUGUST 2024

100% SUBMITTAL

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT STANDARDS AND SPECIFICATIONS PARTS 1, 2 AND 3. THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS. THE FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARDS, AND THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (FY 2018-19), AS AMENDED BY CONTRACT DOCUMENTS.



LOCATION MAP

Scale: NTS



1. B.M. DATA IS NATIONAL GEODETTIC VERTICAL DATUM OF 1929 (N.G.V.D.-29).
2. ANY N.G.V.D. BENCH MARK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED AND PROPERLY REFERENCED BY A REGISTERED-LAND SURVEYOR IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS PRIOR TO BEGINNING WORK AT THE SITE. IF ANY MONUMENT IS IN DANGER OF DAMAGE.
3. ALL PUBLIC LAND CORNERS AND MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED BY THE CONTRACTOR AS FOLLOWS: CORNERS AND MONUMENTS IN CONFLICT WITH THE WORK AND IN DANGER OF BEING DAMAGED, DESTROYED, OR COVERED SHALL BE PROPERLY REFERENCED BY A REGISTERED-LAND SURVEYOR IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS PRIOR TO BEGINNING WORK AT THE SITE. THE CONTRACTOR SHALL RETAIN THE LAND SURVEYOR TO REFERENCE, AND RESTORE UPON COMPLETION OF THE WORK, ALL SUCH CORNERS AND MONUMENTS AND SHALL FURNISH TO MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT A SIGNED AND SEALED COPY OF THE LAND SURVEYOR'S REFERENCE DRAWING.
4. ALL STATIONS AND OFFSETS REFER TO CENTERLINE OF CONSTRUCTION, UNLESS OTHERWISE STATED.
5. ALL GRADES SHOWN IN PLAN ARE FINISHED GRADES.
6. THE CONTRACTOR SHALL PAINT ALL STATIONS WITH STENCILED NUMBERS ON THE FACE OF CURB:
 - A. FROM THE BEGINNING OF THE PROJECT WHERE THE CURB IS TO REMAIN.
 - B. AT NEW CURB NOT LATER THAN 72 HOURS AFTER BEING POURED.
 - C. WHERE CURB DOES NOT EXIST AND SHALL NOT BE CONSTRUCTED.THE CONTRACTOR SHALL MAINTAIN STATIONING WITH SURVEYING STAKES. CONTRACTOR SHALL MAINTAIN THE STATION MARKS VISIBLE UNTIL FINAL INSPECTION.
7. ALL CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT, AND ANY OTHER STATE OR LOCAL AGENCY WITH JURISDICTION. IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
8. THE LOCATION AND SIZE OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON THE BEST AVAILABLE INFORMATION AND SHOULD BE CONSIDERED APPROXIMATE ONLY. ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL UTILITIES BY ELECTRONIC METHODS AND BY PRE-TRENCHING IN COORDINATION WITH ALL UTILITY COMPANIES, PRIOR TO BEGINNING ANY CONSTRUCTION OPERATION. ANY AND ALL CONFLICTS OF EXISTING UTILITIES WITH PROPOSED IMPROVEMENTS MUST BE RESOLVED BY THE ENGINEER AND THE OWNER. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE
9. EXISTING TOPOGRAPHIC INFORMATION WAS OBTAINED FROM SURVEY PREPARED BY LONGITUDE SURVEYORS
10. CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE-CALL AT 1-(800)-432-4770 AT LEAST 48 HOURS PRIOR TO PERFORMING ANY DIGGING TO VERIFY THE EXACT LOCATION OF EXISTING UTILITIES. A CONTRACTOR'S REPRESENTATIVE MUST BE PRESENT WHEN UTILITY COMPANIES LOCATE THEIR FACILITIES. CONTRACTOR SHALL CALL ALL UTILITY COMPANIES TO VERIFY EXACT LOCATION OF ALL UTILITIES PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL COORDINATE WORK WITH ALL UTILITY COMPANIES, CITY OF DORAL AND OTHER CONTRACTORS TO MINIMIZE DISRUPTION OR INTERFERENCE TO THE CONTRACTOR'S WORK.
11. THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD AND UNDERGROUND UTILITIES.
12. MIAMI-DADE WATER AND SEWER DEPARTMENT REQUIRES THAT ACCESS TO ALL WATER AND SEWER VALVES, SANITARY MANHOLES, AND OTHER CONTROL MECHANISMS BE MAINTAINED THROUGHOUT CONSTRUCTION IN THE EVENT OF AN EMERGENCY TO ENSURE THE PUBLIC HEALTH AND SAFETY. COVERING VALVE BOXES AND MANHOLES CAN BE CONSIDERED UNAUTHORIZED OBSTRUCTION OF AND TAMPERING WITH DEPARTMENT UTILITIES. ALL REQUESTS FOR UTILITY ADJUSTMENTS MUST BE MADE IN WRITING AT LEAST TWO (2) WEEKS IN ADVANCE. FOR MANHOLE AND VALVES, CONTACT THE CONSTRUCTION MANAGEMENT SECTION, PUMP STATIONS UNIT, 3071 SW 38 AVENUE, FAX NO. 305-668-3626. THE DEPARTMENT WILL MAKE ONE FINAL AND PERMANENT ADJUSTMENT AT NO COST TO THE REQUESTING AGENCY. FOR THE ADJUSTMENT OF WATER METERS, CONTACT THE CHIEF OF METER OPERATIONS AND MAINTENANCE, FAX NO. 305-545-3482. FOR ANY FIRE HYDRANTS THAT ARE DAMAGED OR BUMPED DURING CONSTRUCTION, CONTACT THE MIDWAY HYDRANT SHOP AT 305-805-4575 BEFORE POURING CONCRETE FOR THE SIDEWALK. IN THE EVENT OF A WATER OR SEWER EMERGENCY, CONTACT MIAMI DADE WATER AND SEWER DEPARTMENT AT 305-274-9272. THIS LINE IS OPEN 24 HOURS, 7 DAYS A WEEK.
13. KNOWN UTILITY COMPANIES IN THE PROJECT LIMITS INCLUDE, BUT ARE NOT LIMITED TO:
 - FP&L (800) 868-9554 & (305) 552-2931
 - AT&T (305) 222-8745
 - MIAMI-DADE WATER AND SEWER DEPT. (786) 268-5255
 - COMCAST CABLE (954) 447-8405
 - FLORIDA CITY GAS (305) 835-3632
 - MIAMI DADE COUNTY PUBLIC WORKS (305) 592-8925
 - CROWN CASTLE (786) 610-7073
 - VERIZON/MCI (954) 298-5606
14. THE CONTRACTOR IS ADVISED THAT PROPERTIES ADJACENT TO THE PROJECT HAVE ELECTRIC, TELEPHONE, GAS, WATER, AND/OR SEWER SERVICE LATERALS WHICH MAY NOT BE SHOWN IN PLANS. THE CONTRACTOR MUST REQUEST THE LOCATION OF THESE LATERAL SERVICES FROM THE UTILITY COMPANIES. THE ADDITIONAL COST OF EXCAVATING, INSTALLING, BACKFILLING, AND COMPACTING AROUND THESE LATERAL SERVICES MUST BE INCLUDED IN THE BID RELATED ITEM FOR THE WORK BEING DONE.
15. ANY DAMAGE TO PUBLIC OR PRIVATE PROPERTY SHALL BE RESTORED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. ASPHALT, CONCRETE OR PAVEMENT DRIVEWAYS ON PRIVATE PROPERTY ABUTTING RIGHT-OF-WAY WHICH ARE DAMAGED OR IMPACTED DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AS DIRECTED BY THE ENGINEER.
16. ANY ENCROACHMENT WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR PROTECTED BY THE ADJACENT PROPERTY OWNER AT THEIR EXPENSE.
17. CLEARING AND GRUBBING, GRADING AND OTHER INCIDENTAL WORK NECESSARY FOR HARMONIZATION OUTSIDE R/W SHALL BE INCLUDED IN RELATED BID ITEMS.
18. ALL GRASS AREAS AFFECTED BY CONSTRUCTION SHALL BE RE-SODDED. SODDING TO BE USED AT LOCATIONS WHERE EXISTING LAWNS OR SWALES ARE DISTURBED, AT CONTRACTORS EXPENSE AS DIRECTED BY THE ENGINEER.
19. THE CONTRACTOR SHOULD TAKE SPECIAL NOTE OF SOIL CONDITIONS THROUGHOUT THIS PROJECT. ANY SPECIAL SHORING, SHEETING OR OTHER PROCEDURES NECESSARY TO PROTECT ADJACENT PROPERTY, PUBLIC OR PRIVATE, DURING THE EXCAVATION OF SUBSOIL MATERIAL AND EXFILTRATION TRENCH, OR FILLING OF ANY AREA, OR FOR ANY OPERATION DURING CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
20. IF SHEETING, SHORING, OR DEWATERING, INCLUDING WELL POINTS ARE NECESSARY, THE CONTRACTOR MUST MONITOR AND CONTROL ALL WORK THAT MAY CAUSE CRACKING TO ANY ADJACENT BUILDING, STRUCTURE, OR PROPERTY AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES CAUSED BY THESE OPERATIONS. COST OF SHEETING, SHORING, OR DEWATERING SHALL BE INCLUDED IN THE RELATED BID ITEM FOR THE WORK BEING DONE.

48. ALL EXISTING FIRE HYDRANTS SHALL REMAIN UNDISTURBED UNLESS OTHERWISE NOTED.
49. CONTRACTOR SHALL CAREFULLY SAW-CUT ANY ROOTS IN CONFLICT WITH CONSTRUCTION OF CURB, SIDEWALK, DRAINAGE OR UTILITIES. ROOTS TORN BY BACKHOE WILL NOT BE ALLOWED AT CONTRACTORS EXPENSE.
50. CONTRACTOR SHALL MAINTAIN TRENCHING TO THE MINIMUM REQUIRED TO DO WORK TO AVOID DAMAGE TO TREES. ANY TREES EXPECTED TO BE DAMAGED NOTIFY ENGINEER.
51. RESIDENTS, PROPERTY OWNERS AND TENANTS ALONG PROJECT ROUTE SHALL RECEIVE MINIMUM SEVEN (7) DAY ADVANCE WRITTEN NOTIFICATION BY CONTRACTOR OF WORK TO BE PERFORMED IN FRONT OF THEIR PROPERTY.
52. ALL SIDEWALK CLOSURES SHALL BE PROVIDED BY THE CONTRACTOR WITH PROPER PEDESTRIAN DIRECTIONAL DETOUR SIGNAGE, OR AS DIRECTED BY THE ENGINEER.
53. CONTRACTOR SHALL RELOCATE ALL EXISTING MAILBOXES IN CONFLICT WITH PROPOSED CONSTRUCTION AS PER MIAMI-DADE COUNTY PUBLIC WORKS AND WASTE MANAGEMENT ROADWAY STANDARDS AND CONSTRUCTION STANDARD DETAILS.
54. CONTRACTOR SHALL CONFORM TO ALL LATEST STANDARDS OF F.D.O.T. AND MIAMI-DADE COUNTY PUBLIC WORKS AND WASTE MANAGEMENT ROADWAY STANDARDS AND CONSTRUCTION STANDARD DETAILS.
55. NOTHING, INCLUDING UTILITIES, FURNISHINGS AND LANDSCAPING CAN PROTRUDE INTO THE PEDESTRIAN CLEAR PATH ZONE, FROM 27" TO 80" HIGH, AND FOR NOT MORE THAN 4" IN WIDTH.
56. AS-BUILT PLANS THE CONTRACTOR WILL BE FURNISHED THE CAD FILES FOR USE IN PREPARING AS-BUILT DRAWINGS TO BE SUBMITTED TO THE ENGINEER WITHIN THE TIME FOR SUBSTANTIAL COMPLETION OF THE PROJECT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO RETAIN A PROFESSIONAL LAND SURVEYOR TO PREPARE AS-BUILT DRAWINGS IN AUTOCAD FORMAT AND PDF. THE COST OF SAID SERVICES SHALL BE INCLUDED IN THE CONTRACTOR'S PRICE WHETHER SHOWN AS A SEPARATE LINE ITEM OR NOT. CONTRACTOR SHALL SUBMIT COMPLETED AS-BUILT PLANS, ACCEPTABLE TO THE CITY, WITHIN FOURTEEN (14) DAYS AFTER THE SUBSTANTIAL COMPLETION DATE. THE CITY RESERVES THE RIGHT TO REVIEW THE AS-BUILTS AND TO REQUIRE REVISIONS TO BE MADE BY THE CONTRACTOR'S SURVEYOR AT NO ADDITIONAL COST TO THE CITY.

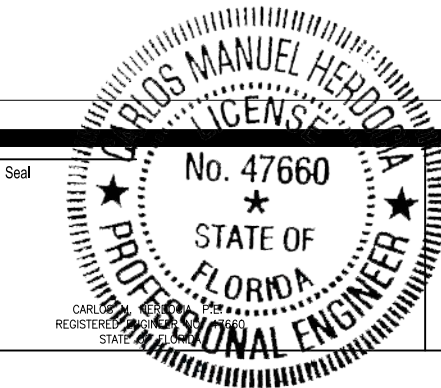
- A. NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT SHOULD OCCUR WITHIN NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT SHOULD OCCUR WITHIN THE DRAPING OF EXISTING TREES.
- B. PREVENT DAMAGING TREES AND PLANTERS WITHIN OR IMMEDIATELY ADJACENT PREVENT DAMAGING TREES AND PLANTERS WITHIN OR IMMEDIATELY ADJACENT TO THE PROJECT'S RIGHT-OF-WAY.
- C. THERE WILL BE 2 TREES TO BE REMOVED IN THIS PROJECT. WHEN NECESSARY, INSTALL A PHYSICAL AND HIGHLY VISIBLE BARRIER AROUND EXISTING TREE TO BE PROTECTED. USE DURABLE FENCING MATERIAL, SUCH AS PLASTIC CONSTRUCTION FENCING OR EQUIVALENT MATERIAL. PLACE THE BARRIER AS DETERMINED IN THE PRE-CONSTRUCTION SURVEY, IDENTIFYING CRITICAL AREAS TO BE PROTECTED.
- D. TREE PROTECTION SHALL BE INSTALLED AROUND TREES TO REMAIN LOCATED TREE PROTECTION SHALL BE INSTALLED AROUND TREES TO REMAIN LOCATED ADJACENT TO CONSTRUCTION ACTIVITIES.
- E. THE CONTRACTOR SHALL NOT REMOVE, RELOCATE OR PRUNE ANY TREES THE CONTRACTOR SHALL NOT REMOVE, RELOCATE OR PRUNE ANY TREES WITHOUT PRIOR APPROVAL FROM THE CITY. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FROM THE CITY OF DORAL PUBLIC WORKS DEPARTMENT PRIOR TO ANY TREE REMOVAL/RELOCATION.
- F. THE CONTRACTOR SHALL REVIEW ENVIRONMENTAL REQUIREMENTS OF ANY PROPOSED STAGING AREAS WITH THE CITY OF DORAL PROJECT MANAGER AT LEAST 72 HR PRIOR USE.
- G. CONTRACTOR MUST HAVE AN ARBORIST PRESENT AT ALL TIMES DURING ANY ROOT PRUNING AND PROTECTION OF EXISTING TREES.
- H. CONTRACTOR WILL BRACE ALL EXISTING LANDSCAPING TO REMAIN PRIOR TO CONTRACTOR WILL BRACE ALL EXISTING LANDSCAPING TO REMAIN PRIOR TO BEGINNING ANY WORK AND WILL ENSURE THEIR STABILIZATION THROUGHOUT THE ENTIRE CONSTRUCTION PROCESS. EXISTING SOIL DISTURBED BY CONSTRUCTION THAT IS NOT AFFECTED BY PROPOSED GRADING WILL BE RESTORED TO ITS ORIGINAL STATE UPON COMPLETION OF CONSTRUCTION. SODDED SLOPES STEEPER THAN 4 HORIZONTAL TO 1 VERTICAL WILL BE PEGGED.
- I. ALL WASTE GENERATED FROM THE CONSTRUCTION SHALL BE DISCARDED IN ALL WASTE GENERATED FROM THE CONSTRUCTION SHALL BE DISCARDED IN ACCORDANCE WITH ALL APPLICABLE STATE, LOCAL, AND FEDERAL REGULATIONS. CONTRACTOR IS TO OBTAIN ALL APPLICABLE CODES AND BECOME FAMILIAR WITH STATE, LOCAL AND FEDERAL REGULATIONS PRIOR TO BEGINNING CONSTRUCTION. REGULATIONS CAN BE FOUND, BUT NOT LIMITED TO, DEPARTMENT OF ENVIRONMENTAL RESOURCE MANAGEMENT AND DEPARTMENT OF ENVIRONMENTAL PROTECTION.
- J. TO ENSURE THAT OFF-SITE VEHICLE TRACKING OF SEDIMENTS AND THE TO ENSURE THAT OFF-SITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST IS MINIMIZED, CONTRACTOR IS TO PUT INTO PRACTICE THE METHODS DETAILED IN FDOT INDEX 106 (LATEST VERSION).
- K. DUST GENERATED FROM CONSTRUCTION WILL BE MINIMIZED. A WATER TRUCK AND DUST GENERATED FROM CONSTRUCTION WILL BE MINIMIZED. A WATER TRUCK AND SITE CLEANING AT THE END OF EACH WORK DAY IS REQUIRED. DISPOSAL OF EXCESS MATERIAL IS SEVENTY TWO (72) HOURS MAXIMUM

GENERAL NOTES		
Project No.	Scale	
Drawing No.	Sheet	Revision
G-01		of

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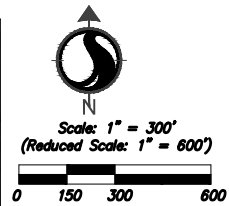
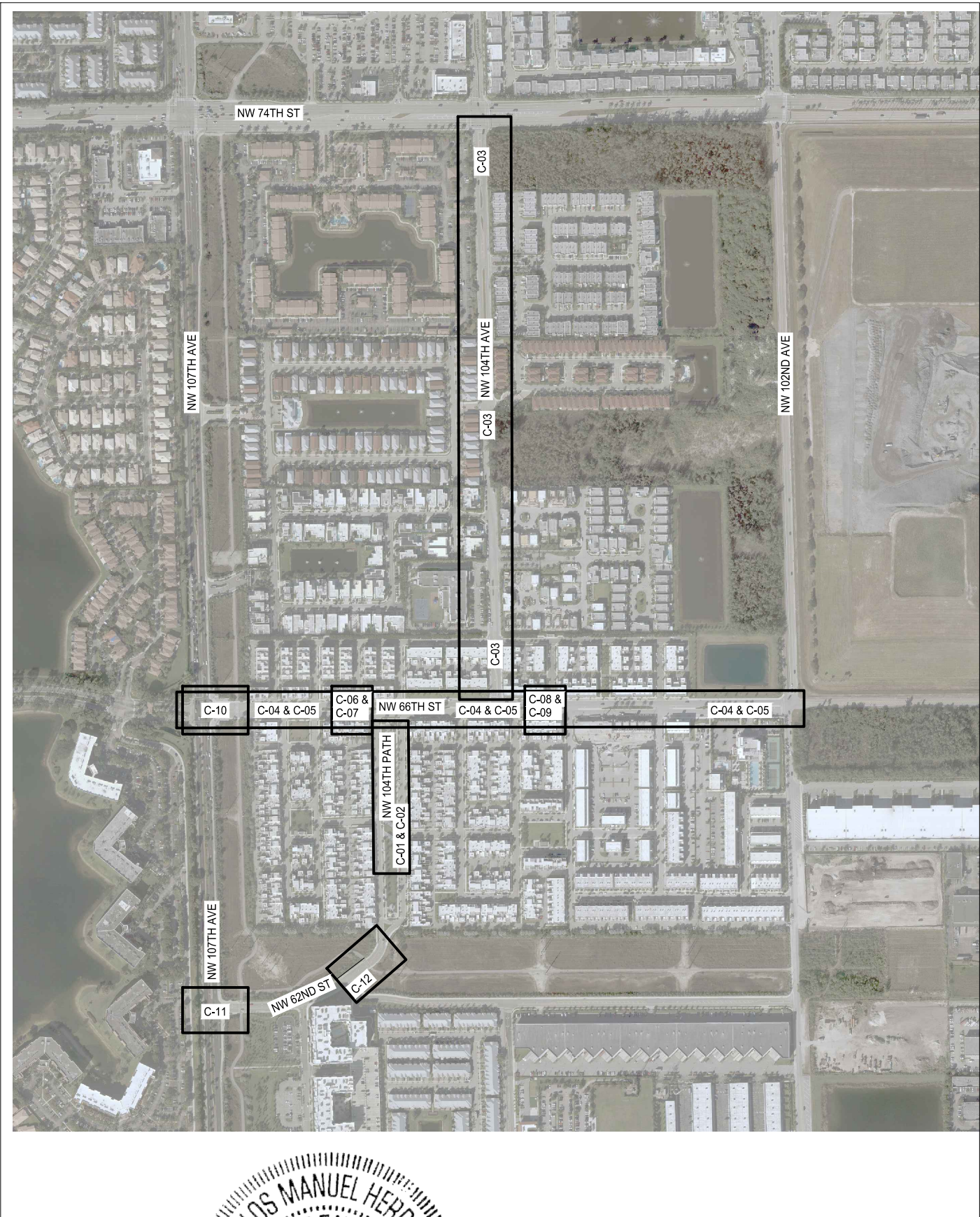
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CITY OF DORAL			
LANDMARK AT DORAL TRAFFIC CALMING			
NW 66TH ST FROM NW 102ND AVE TO NW 107TH AVE			
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KEY SHEET		
Project No.	Scale	
Drawing No.	Sheet	Revision
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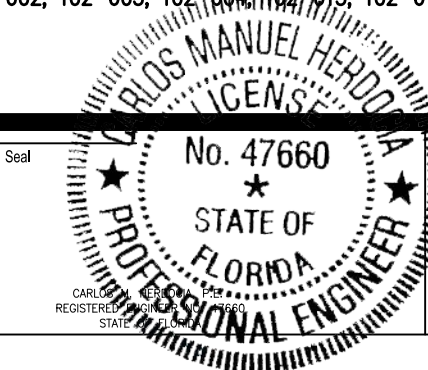
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ITEM NO.	ITEM	UNIT	PLAN	FINAL
1.00	DEMOLITION	L.S.	1	
2.00	MAINTENANCE OF TRAFFIC*	L.S.	1	
3.00	THERMOPLASTIC (WHITE) (SOLID) (6")	L.F.	864	
4.00	THERMOPLASTIC (WHITE) (SOLID) (12")	L.F.	820	
5.00	THERMOPLASTIC (WHITE) (SOLID) (24")	L.F.	970	
6.00	THERMOPLASTIC (YELLOW) (SOLID) (6")	L.F.	88	
7.00	#654-2-12, RAPID FLASHING BEACON, AC POWERED, INCLUDES THE RECTANGULAR BEACONS, SIGNS, SIGN SUPPORT STRUCTURE, CABINET, ELECTRONICS, CONDUIT, PULL BOX, WIRING, GROUNDING, PEDESTRIAN PUSHBUTTON (665-2-12) AND ALL NECESSARY APPURTENANCES NEEDED TO MEET THE REQUIREMENTS OF THE MIAMI DADE COUNTY SPECIFICATIONS SECTION 654 (USE SIGNS W11-2, SEE SHEETS C-07A & C-09A) (USE SIGNS W11-15, SEE SHEET C-12)	A.S.	10	
8.00	PULL BOXES (635-2-11)	E.A.	29	
9.00	ELECTRICAL SERVICE WIRE (639-2-1)	L.F.	910	
10.00	CONDUIT, DIRECTIONAL BORE (630-2-12)	L.F.	910	
11.00	ELECTRICAL POWER SERVICE (639-1-122)	A.S.	3	
12.00	CONCRETE POLE FOR SERVICE POINT (641-2-12)	E.A.	3	
13.00	EXISTING SIDEWALK RECONSTRUCTION	S.F.	48	
14.00	DEPRESSED SIDEWALK	E.A.	2	
15.00	CONCRETE CURB AND GUTTER	L.F.	136	
16.00	CONCRETE VALLEY GUTTER	L.F.	160	
17.00	ASPHALT TRAFFIC HUMPS	E.A.	4	
18.00	CURB RAMP DETECTABLE WARNINGS (4)	S.F.	60	
19.00	SOD	S.Y.	66	
20.00	MILLING & RESURFACING EXIST. ASPHALT PAVEMENT (1" AVG. DEPTH)	S.Y.	161	
21.00	PALM TREE REMOVAL	E.A.	2	
22.00	GREEN BUTTONWOOD TREE TO BE RELOCATED (LOCATION TO BE APPROVED BY THE CITY OF DORAL)	E.A.	2	
23.00	RELOCATE EXISTING SIGN	E.A.	1	
24.00	REMOVE EXISTING PAVEMENT MARKING	S.F.	1486	
25.00	SHARROWS	E.A.	14	
26.00	BICYCLE SIGN R4-11	E.A.	10	
27.00	SPEED LIMIT 30 MPH SIGN R2-1	E.A.	9	
28.00	SPEED HUMP SIGN W17-1	E.A.	8	
29.00	ARROW SIGN W16-7P	E.A.	8	
30.00	AHEAD SIGN W16-9P	E.A.	14	
31.00	PEDESTRIAN SIGN W11-2	E.A.	6	
32.00	STOP HERE SIGN R1-5B	E.A.	6	
33.00	TURNING VEHICLES STOP FOR PEDESTRIAN SIGN R10-15A	E.A.	2	
34.00	CYCLIST DISMOUNT SIGN	E.A.	8	
35.00	AHEAD SIGN M6-2A	E.A.	4	
36.00	ADVANCED INTERSECTION LANE CONTROL SIGN R3-8B	E.A.	2	
37.00	USE CROSSWALK SIGN R9-3B	E.A.	4	

*MOT PER FDOT INDEX No. 100-600, 102-601, 102-602, 102-603, 102-604, 102-613, 102-615, 102-660

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CITY OF DORAL
LANDMARK AT DORAL TRAFFIC CALMING
NW 66TH ST FROM NW 102ND AVE TO NW 107TH AVE

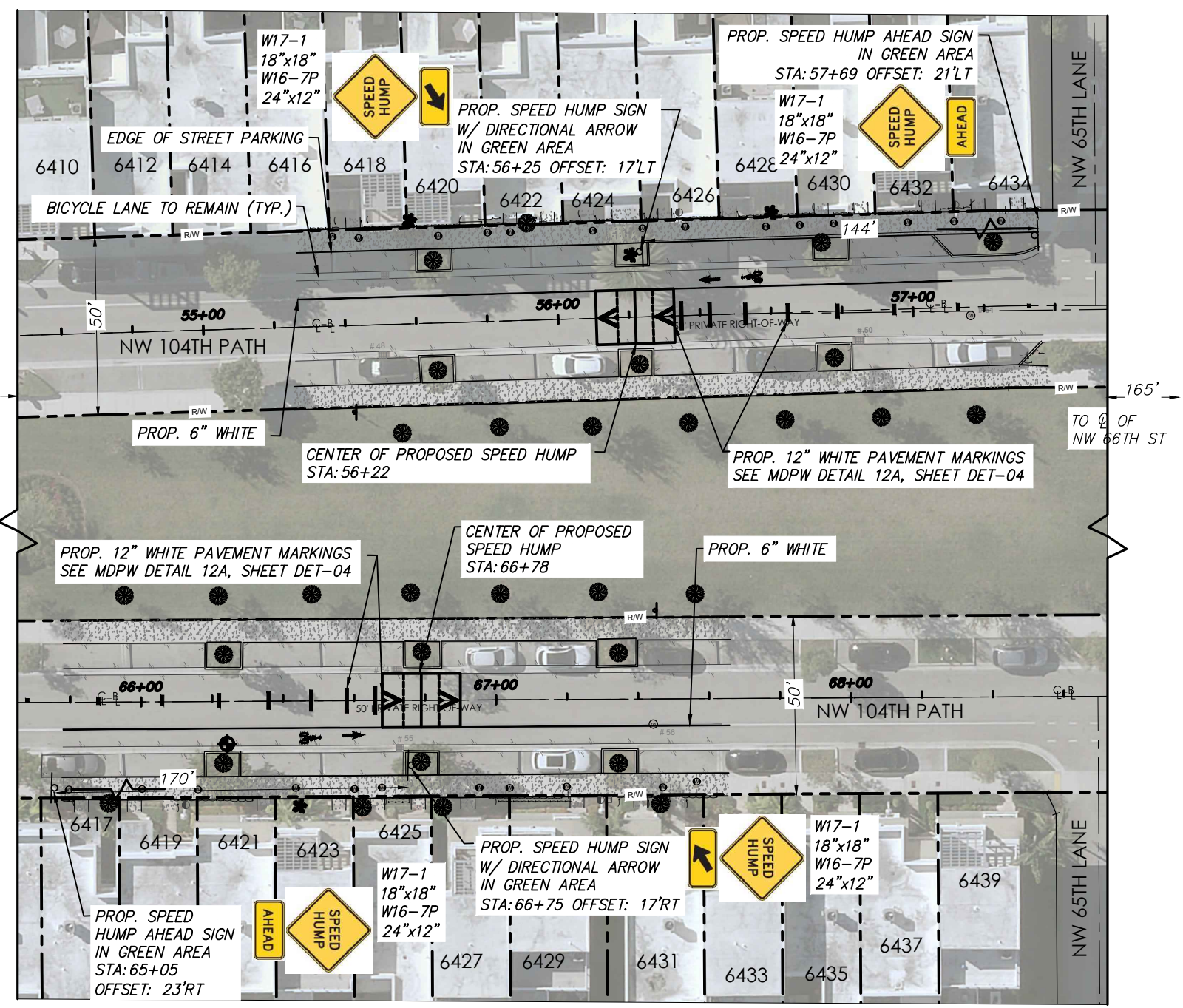
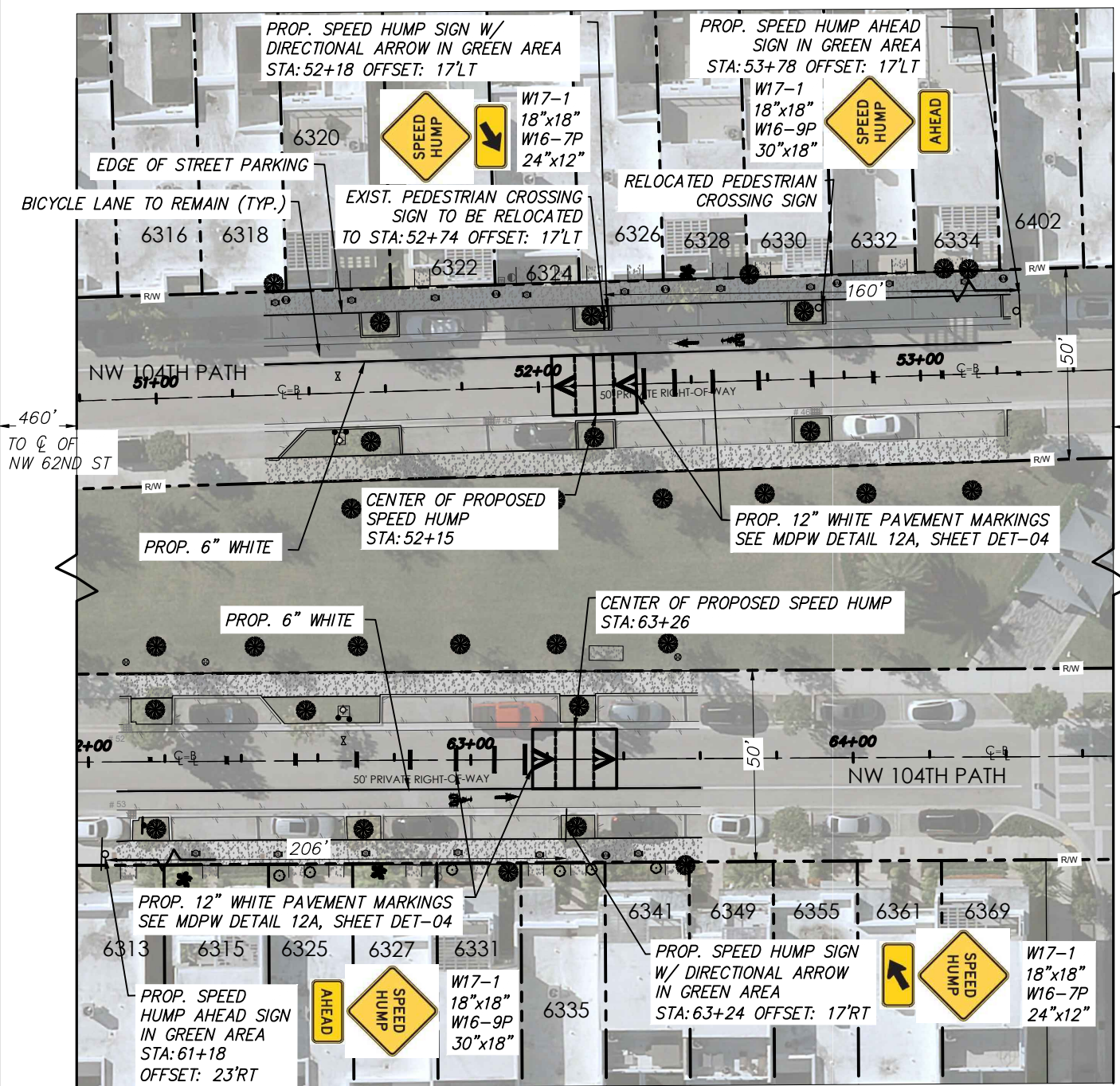
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SUMMARY OF QUANTITIES

Project No. Scale

Drawing No. Sheet Revision

G-03 of



PAVEMENT MARKINGS PLAN SPEED HUMPS

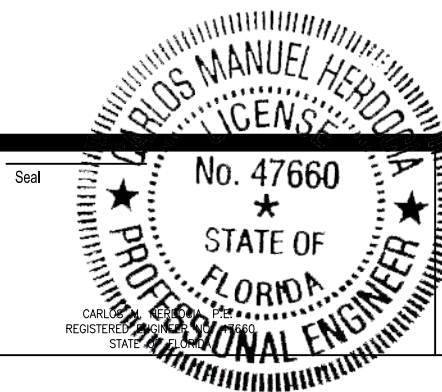
PAVEMENT MARKINGS FOR SPEED HUMPS NORTHBOUND AND SOUTHBOUND ON NW 104TH PATH

- NOTES:**
1. COMPLY WITH ADA REQUIREMENTS FOR ALL CURB RAMPS AND SIGN PLACEMENTS
 2. ALL SIGNING AND PAVEMENT MARKING (TO REMAIN) IMPACTED BY THE PROPOSED WORK MUST BE PROPERLY RESTORED.



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Revision	By	Appd.	YY.MM.DD	Issued	By	Appd.	YY.MM.DD



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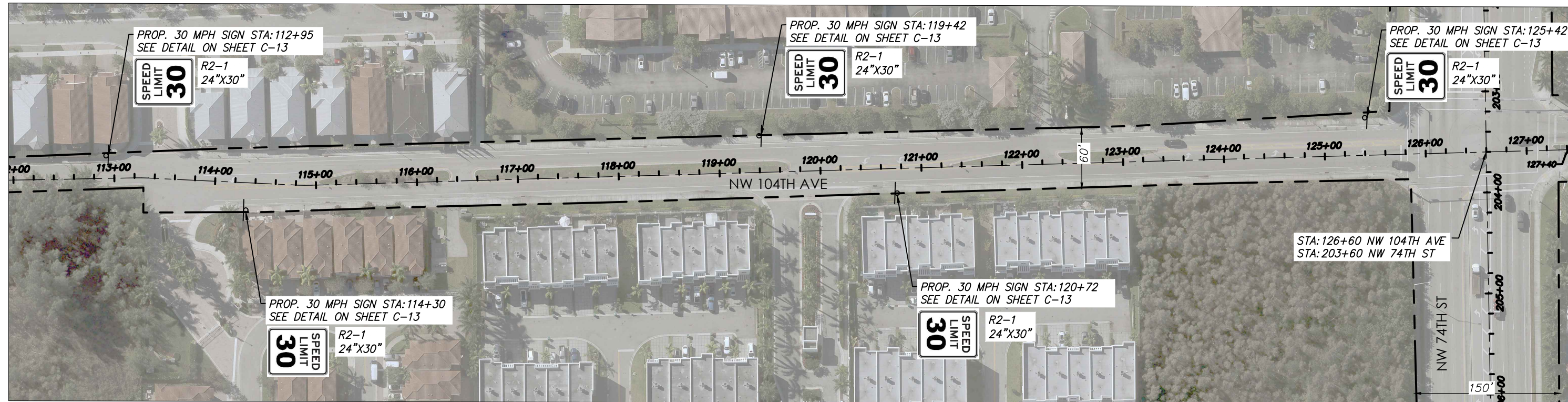
CITY OF DORAL
LANDMARK AT DORAL TRAFFIC CALMING
NW 66TH ST FROM NW 102ND AVE TO NW 107TH AVE

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PAVEMENT MARKINGS SPEED HUMPS ON NW 104TH PATH


Project No. Scale
Drawing No. Sheet Revision
C-02 of

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INSTALL SPEED LIMIT SIGNS (30MPH) FOR NORTHBOUND AND SOUTHBOUND ON
NW 104TH AVE FROM 112+95 TO 126+00

1. COMPLY WITH ADA REQUIREMENTS FOR ALL CURB RAMPS AND SIGN PLACEMENTS
2. ALL SIGNING AND PAVEMENT MARKING (TO REMAIN) IMPACTED BY THE PROPOSED WORK MUST BE PROPERLY RESTORED.

[illegible]

A circular professional engineer seal for Carlos Manuel Heredia. The outer ring contains the text "CARLOS MANUEL HEREDIA" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the word "LICENSE" is partially visible at the top. The center of the seal features the text "No. 47660" at the top, a single star in the middle, and "STATE OF FLORIDA" at the bottom.



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Coral Gables, Florida 33134
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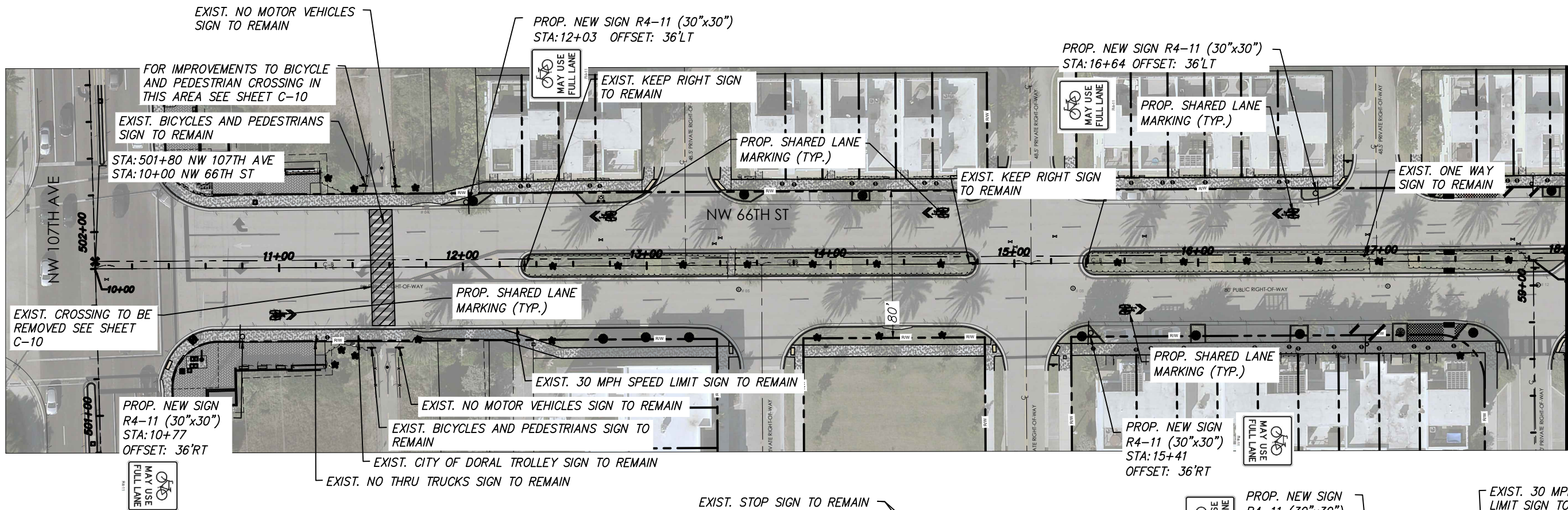
File Name:	RM	CMH	CMH	23.06.01
	Dwn.	Chkd.	Dsan.	YY.MM.DD

Project No.	Scale	
Drawing No.	Sheet	Revision
C-03	of	

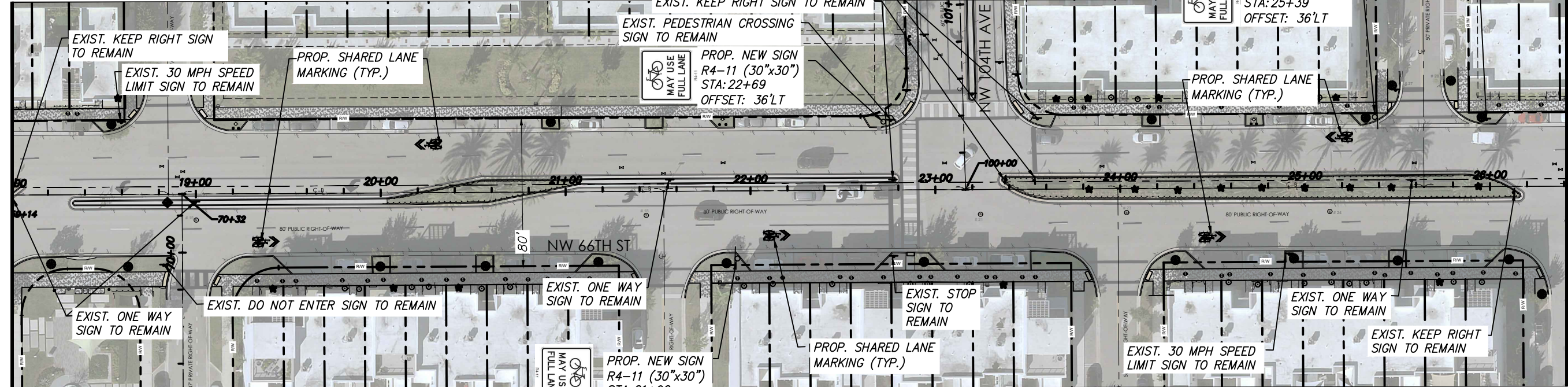
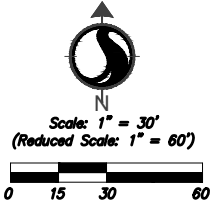
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2/2/2016 10:15:12 PM D31, M043, R02

ORIGINAL SHEET - ANSI D HORIZ

MATCH LINE ABOVE B-B STA: 18+00



MATCH LINE BELOW B-B STA: 18+00



MATCH LINE NEXT PAGE C-C STA: 26+40

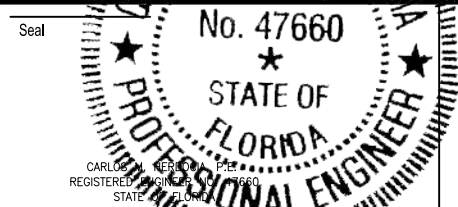
SHARED LANE MARKINGS (SHARROWS) ON NW 66TH ST

INSTALL SHARED LANE MARKINGS (SHARROWS) ON BOTH TRAVEL DIRECTIONS FROM NW 107TH AVE TO NW 102ND AVE

NOTES:

1. COMPLY WITH ADA REQUIREMENTS FOR ALL CURB RAMPS AND SIGN PLACEMENTS
2. ALL SIGNING AND PAVEMENT MARKING (TO REMAIN) IMPACTED BY THE PROPOSED WORK MUST BE PROPERLY RESTORED.

Revision	By	Appd.	YY.MM.DD	Issued	By	Appd.	YY.MM.DD



Seal

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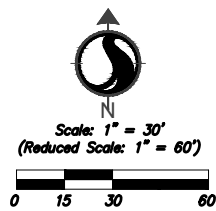
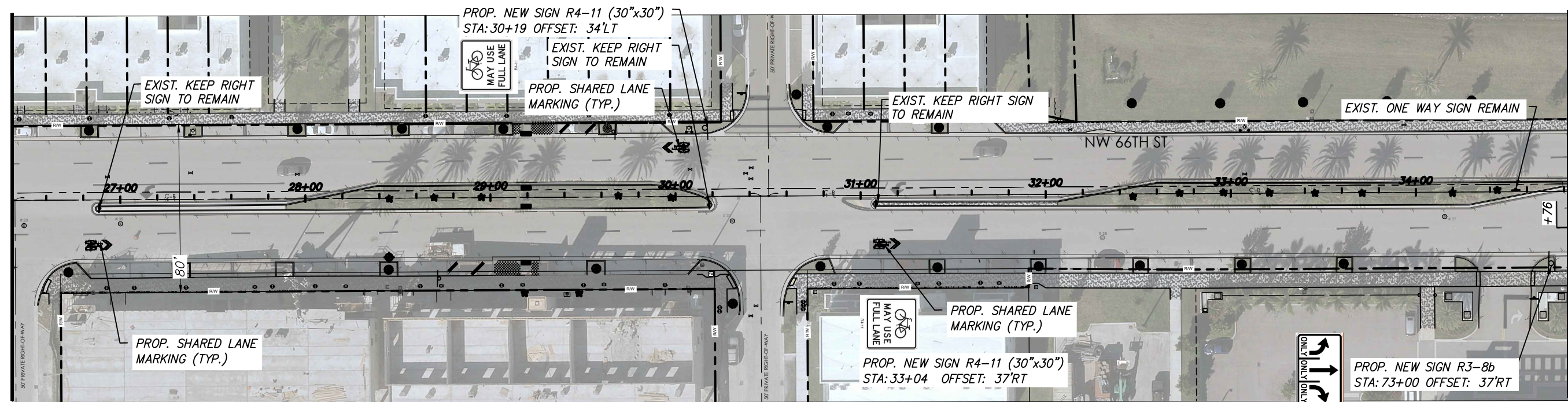
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.
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CITY OF DORAL	RM	CMH	CMH	23.06.01
LANDMARK AT DORAL TRAFFIC CALMING	Dwn.	Chkd.	Dsgn.	YY.MM.DD
NW 66TH ST FROM NW 102ND AVE TO NW 107TH AVE				
File Name:				

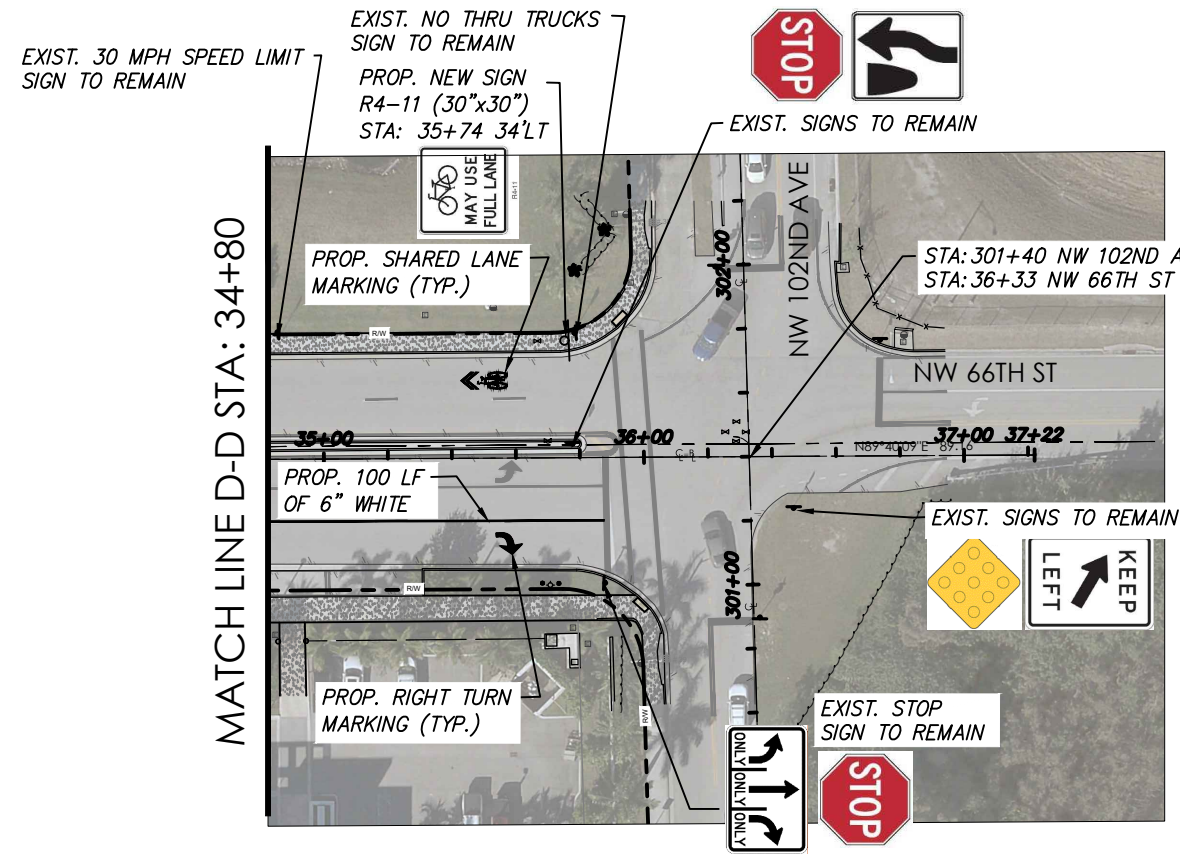
SHARE LANE MARKINGS (SHARROWS) - I	Project No.	Scale	Drawing No.	Sheet	Revision
			C-04	of	

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MATCH LINE C-C STA: 26+40



MATCH LINE BELOW D-D STA: 34+80



MATCH LINE D-D STA: 34+80

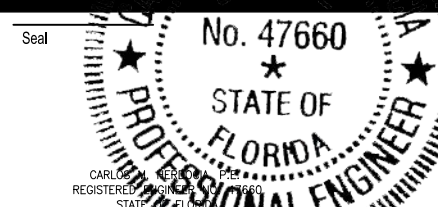
SHARED LANE MARKINGS (SHARROWS) ON NW 66TH ST

INSTALL SHARED LANE MARKINGS (SHARROWS) ON BOTH TRAVEL DIRECTIONS FROM NW 107TH AVE TO NW 102ND AVE

NOTES:

1. COMPLY WITH ADA REQUIREMENTS FOR ALL CURB RAMPS AND SIGN PLACEMENTS
2. ALL SIGNING AND PAVEMENT MARKING (TO REMAIN) IMPACTED BY THE PROPOSED WORK MUST BE PROPERLY RESTORED.

Revision	By	Appd.	YY.MM.DD	Issued	By	Appd.	YY.MM.DD



Seal

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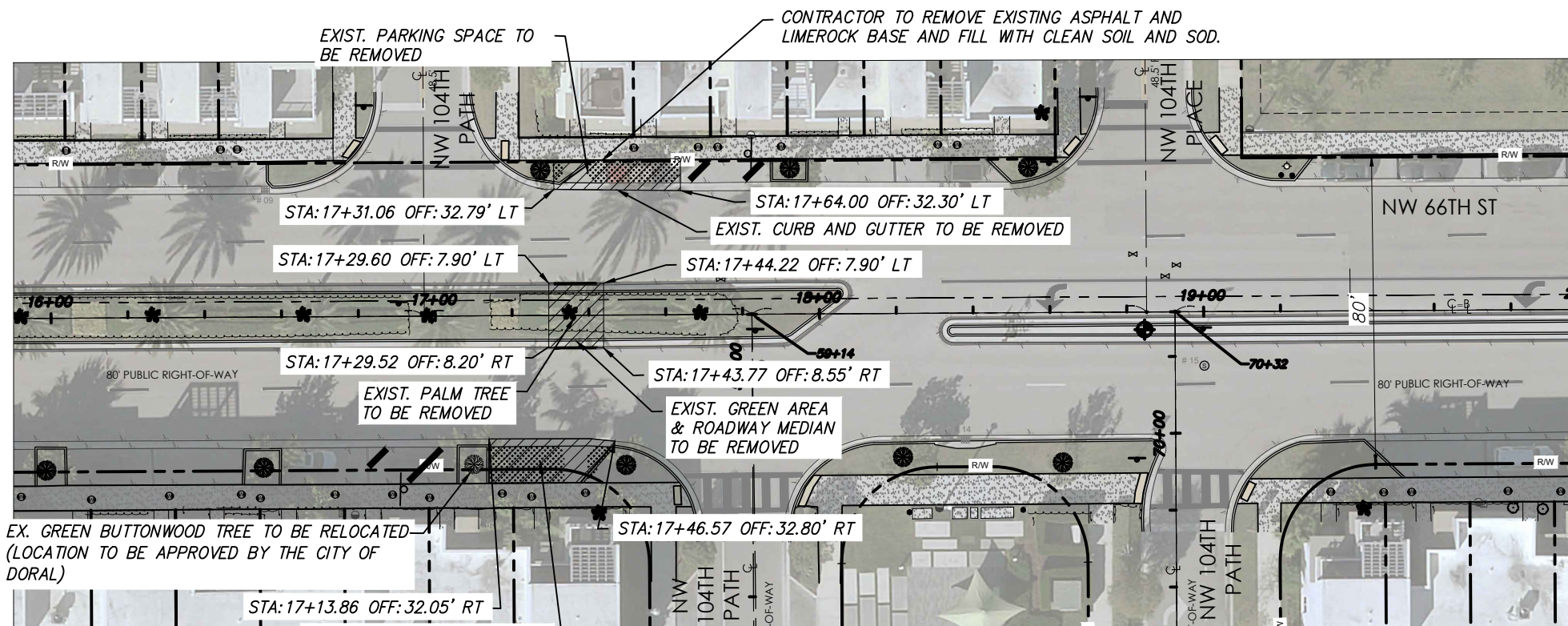
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CITY OF DORAL	RM	CMH	CMH	23.06.01
LANDMARK AT DORAL TRAFFIC CALMING	Dwn.	Chkd.	Dsgn.	YY.MM.DD
NW 66TH ST FROM NW 102ND AVE TO NW 107TH AVE				
File Name:				

SHARE LANE MARKINGS (SHARROWS) - II	Project No.	Scale	Drawing No.	Sheet	Revision
C-05					



PROPOSED

DEPRESSED SIDEWALK W/ DETECTABLE WARNINGS
SEE DETAIL ON C-13

AREA TO BE FILL WITH CLEAN SOIL AND SODDED

PROP. CURB AND GUTTER
STA: 17+32.17 OFF: 32.17' RT

PROP. CONCRETE CURB RAMP
W/ DETECTABLE WARNINGS

PROP. VALLEY GUTTER

PROP. VALLEY GUTTER

PROP. SHARED LANE MARKING (TYP.)

AREA TO BE FILL WITH CLEAN SOIL AND SODDED

PROP. CONCRETE CURB RAMP
W/ DETECTABLE WARNINGS

PROP. CURB AND GUTTER

AREA TO BE FILL WITH CLEAN SOIL AND SODDED

PROP. SHARED LANE MARKING (TYP.)

STA: 17+31.04 OFF: 32.79' LT

STA: 17+38.90 OFF: 32.66' LT

STA: 17+63.86 OFF: 32.24' LT

STA: 17+42.34 OFF: 7.83' LT

STA: 17+31.05 OFF: 7.90' LT

STA: 17+31.05 OFF: 8.13' RT

STA: 17+42.34 OFF: 8.19' RT

STA: 17+38.41 OFF: 31.63' RT

STA: 17+46.16 OFF: 32.24' RT

STA: 17+32.17 OFF: 32.17' RT

NW 104TH PATH

NW 104TH PLACE

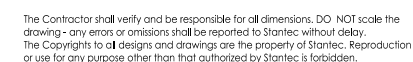
NW 66TH ST

80' PUBLIC RIGHT-OF-WAY

80' PUBLIC RIGHT-OF-WAY

LOS MANUEL HERD

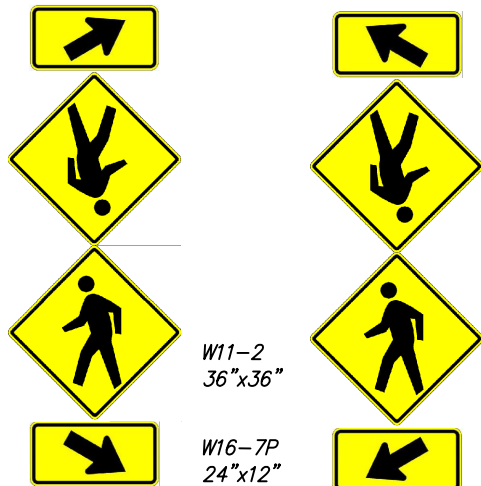
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File Name:	RM	CMH	CMH	23.06.01
	Dwn.	Chkd.	Dsn.	YY.MM.DD

C-06 of

DETAIL OF RAPID
FLASHING BEACON SIGNS



(2 REQ'D)
TO BE INCLUDED IN THE COST
OF ITEM NO. 684-2-12

(2 REQ'D)
TO BE INCLUDED IN THE COST
OF ITEM NO. 684-2-12



(C)

FTP-68C-21
TO BE INCLUDED IN THE COST
OF ITEM NO. 685-2-12
(9" x 18")
(4 REQ'D)

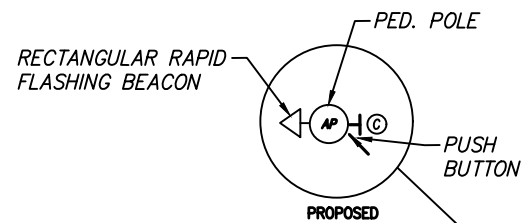
SEE DETAIL SHEET (DET-05) FOR
MIAMI DADE RRFB ASSEMBLY DETAIL

NOTE: PROPOSED SIGNS TO BE INSTALLED 1.5'
FROM FACE OF CURB OR EDGE OF SIDEWALK
TO MEET MUTCD AND ADA REQUIREMENTS.

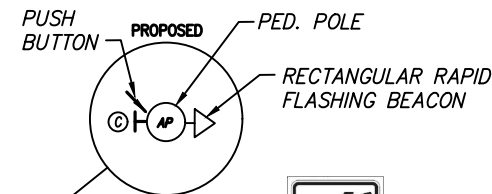
NOTE 1:
PROP. RECTANGULAR RAPID FLASHING
BEACON, PAY ITEM #654-2-12, PER
MIAMI DADE COUNTY TRAFFIC CONTROL
EQUIPMENT STANDARDS SECTIONS 654

NOTE: PROPOSED SIGNS W11-2 AND W16-7P
PLAQUES TO BE FLUORESCENT YELLOW-GREEN
BACKGROUND.

NOTE: ALL RRFBs TO FLASH AT THE SAME
TIME



PROPOSED RRFB
STA.=17+43
OFFSET= 39' LT
SEE NOTE 1



PROPOSED RRFB
STA.=17+43
OFFSET= 4' LT
SEE NOTE 1

PROPOSED RRFB
STA.=17+30
OFFSET= 42' RT
SEE NOTE 1

PROPOSED METERED POWER
SERVICE DISCONNECT
AS PER MDC SECTION 639
STA: 17+33, OFFSET: 48' RT
635-2-11 (3 EA)
639-1-122 (1 AS)
639-2-1 (230 LF)
641-2-12

PROPOSED FPL SERVICE POINT
STA: 17+57, OFFSET: 147' RT±
635-2-11 (1 EA)

OPERATIONAL NOTES:

1. PEDESTRIAN FLASHERS UPON ACTIVATION ONLY.
2. CROSSING DISTANCE = 69 FT.
3. PEDESTRIAN CLEARANCE INTERVAL = 30 SECONDS
4. PAVEMENT MARKING ARE SHOWN FOR INFORMATION ONLY.
SEE SIGNING & PAVEMENT MARKING PLANS.

NOTES:

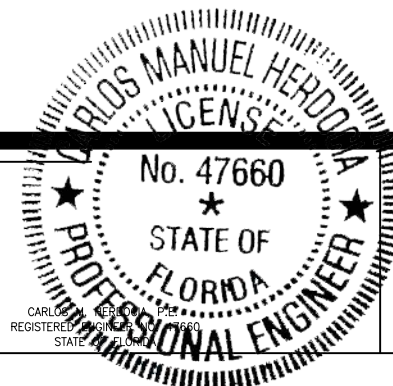
1. COMPLY WITH ADA REQUIREMENTS FOR ALL CURB RAMPS AND
SIGN PLACEMENTS
2. ALL SIGNING AND PAVEMENT MARKING (TO REMAIN) IMPACTED
BY THE PROPOSED WORK MUST BE PROPERLY RESTORED.

NW 66TH STREET @ NW 10471 BLOCK
INT. ID# 8296

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Revision	By	Appd.	YY.MM.DD	Issued	By	Appd.	YY.MM.DD

Seal



Consultants



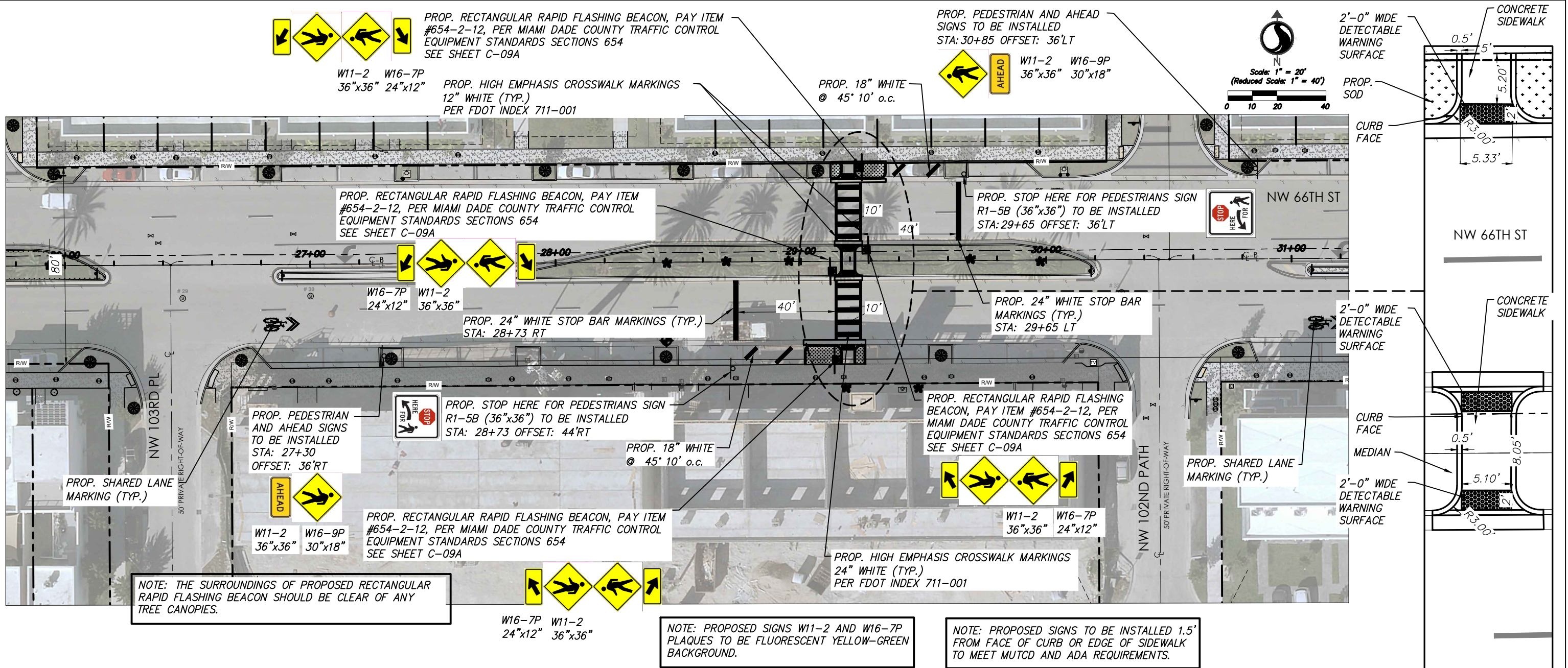
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CITY OF DORAL
LANDMARK AT DORAL TRAFFIC CALMING
NW 66TH ST FROM NW 102ND AVE TO NW 107TH AVE

File Name: RM CMH CMH 23.06.01
Dwn. Chkd. Dsgn. YY.MM.DD

RRFB AT NW 66TH ST AND NW
104TH PATH SIGNALIZATION

Project No. Sheet Revision
Drawing No. C-07A of



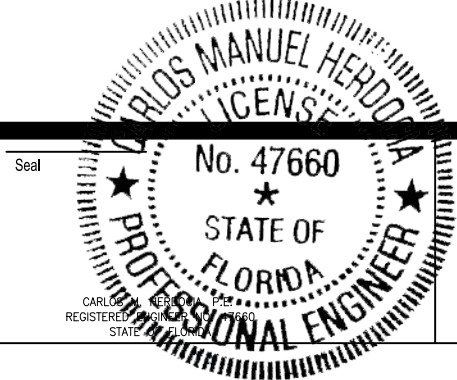
PEDESTRIAN EMPHASIS CROSSWALK PAVEMENT MARKINGS

INSTALL HIGH EMPHASIS CROSSWALK EQUIPPED WITH PEDESTRIAN RECTANGULAR RAPID FLASHING BEACON AC POWERED AT NW 66TH ST AND NW 102TH PATH

- NOTES:
1. COMPLY WITH ADA REQUIREMENTS FOR ALL CURB RAMPS AND SIGN PLACEMENTS
 2. ALL SIGNING AND PAVEMENT MARKING (TO REMAIN) IMPACTED BY THE PROPOSED WORK MUST BE PROPERLY RESTORED.

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Revision	By	Appd.	YY.MM.DD	Issued	By	Appd.	YY.MM.DD



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CITY OF DORAL
LANDMARK AT DORAL TRAFFIC CALMING
NW 66TH ST FROM NW 102ND AVE TO NW 107TH AVE

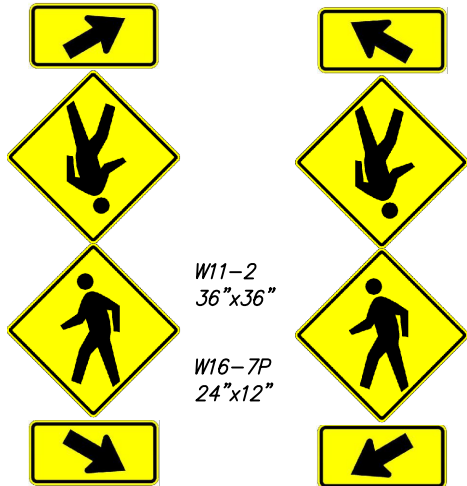
File Name:	RM	CMH	CMH	23.06.01
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

RRFB AT NW 66TH ST AND NW 102 PATH PAVEMENT MARKING

Project No.	Scale	
Drawing No.	Sheet	Revision
C-09	of	

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DETAIL OF RAPID FLASHING BEACON SIGNS



(2 REQ'D)
TO BE INCLUDED IN THE COST
OF ITEM NO. 664-2-12

(2 REQ'D)
TO BE INCLUDED IN THE COST
OF ITEM NO. 664-2-12



(2 REQ'D)
TO BE INCLUDED IN THE COST
OF ITEM NO. 664-2-12
(9" X 18")

SEE DETAIL SHEET (DET-05) FOR
MIAMI DADE RRFB ASSEMBLY DETAIL

NOTE: PROPOSED SIGNS W11-2 AND W16-7P
PLAQUES TO BE FLUORESCENT YELLOW-GREEN
BACKGROUND.

NOTE: ALL RRFBs TO FLASH AT THE SAME
TIME

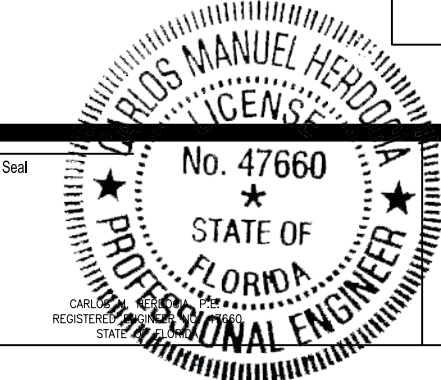
- OPERATIONAL NOTES:
1. PEDESTRIAN FLASHERS UPON ACTIVATION ONLY.
 2. CROSSING DISTANCE = 69 FT.
 3. PEDESTRIAN CLEARANCE INTERVAL = 30 SECONDS
 4. PAVEMENT MARKING ARE SHOWN FOR INFORMATION ONLY.
SEE SIGNING & PAVEMENT MARKING PLANS.

- NOTES:
1. COMPLY WITH ADA REQUIREMENTS FOR ALL CURB RAMPS AND
SIGN PLACEMENTS
 2. ALL SIGNING AND PAVEMENT MARKING (TO REMAIN) IMPACTED
BY THE PROPOSED WORK MUST BE PROPERLY RESTORED.

NW 66TH STREET @ NW 10269 BLOCK
INT. ID# 8297

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2/24/2015 10:15 AM 031_Morales, R

Revision	By	Appd.	YY.MM.DD	Issued	By	Appd.	YY.MM.DD



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CITY OF DORAL
LANDMARK AT DORAL TRAFFIC CALMING
NW 66TH ST FROM NW 102ND AVE TO NW 107TH AVE

File Name: RM CMH CMH 23.06.01
Dwn. Chkd. Dsgn. YY.MM.DD

RRFB AT NW 66TH ST AND
NW 102 PATH SIGNALIZATION

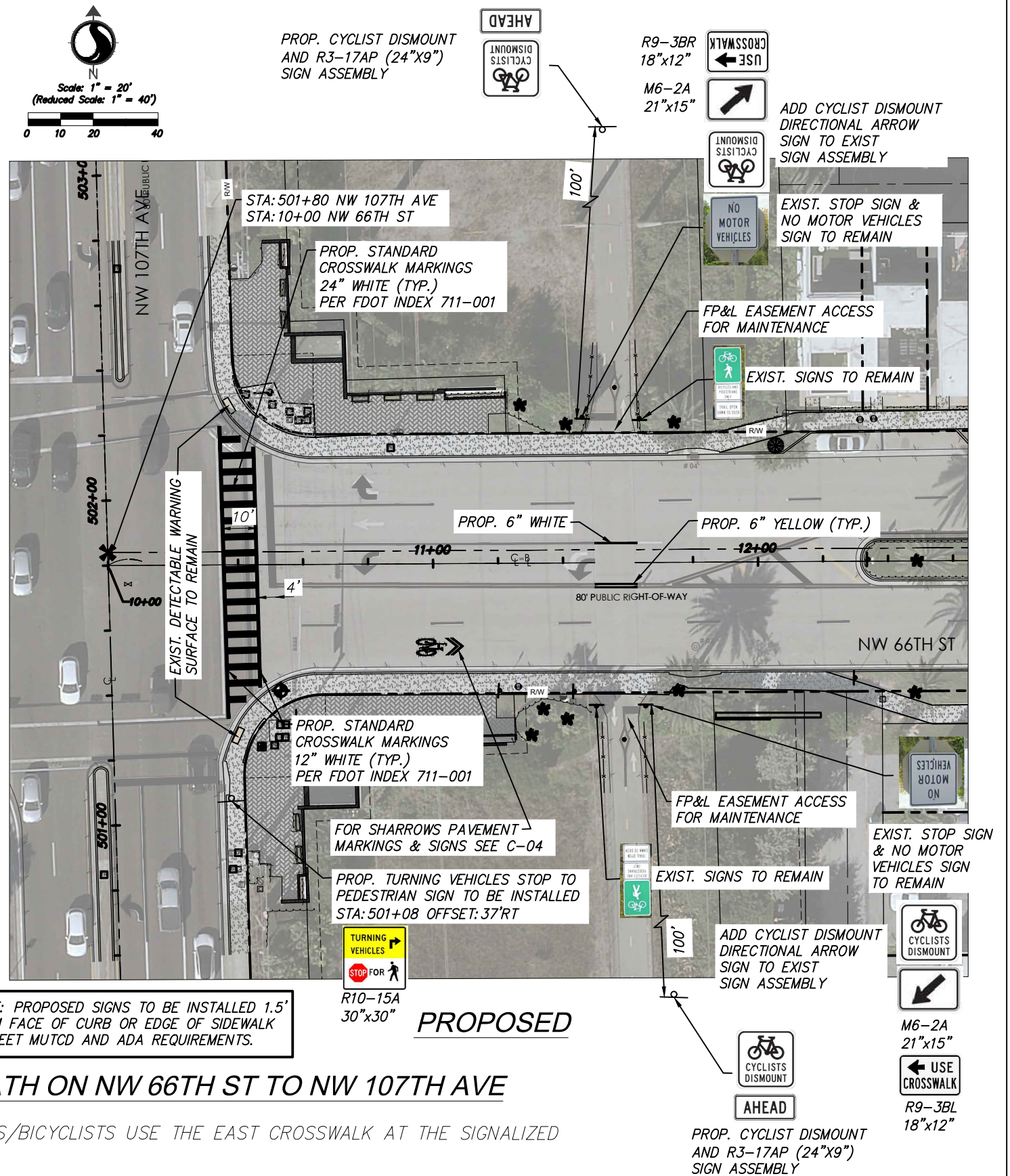
Project No. Scale
Drawing No. Sheet Revision
C-09A of

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-

RE-ALIGN/REDESIGN OF SHARED USED PATH ON NW 66TH ST TO NW 107TH AVE

REALIGN/REDESIGN SHARED USE SPACE THAT PEDESTRIANS/BICYCLISTS USE THE EAST CROSSWALK AT THE SIGNALIZED INTERSECTION OF NW 107TH AVE

[illegible]

Seas

No. 47660

STATE OF

CARLOS M. NERLOBA, P.E.
REGISTERED ENGINEER NO. 17660
STATE OF FLORIDA

Consultants



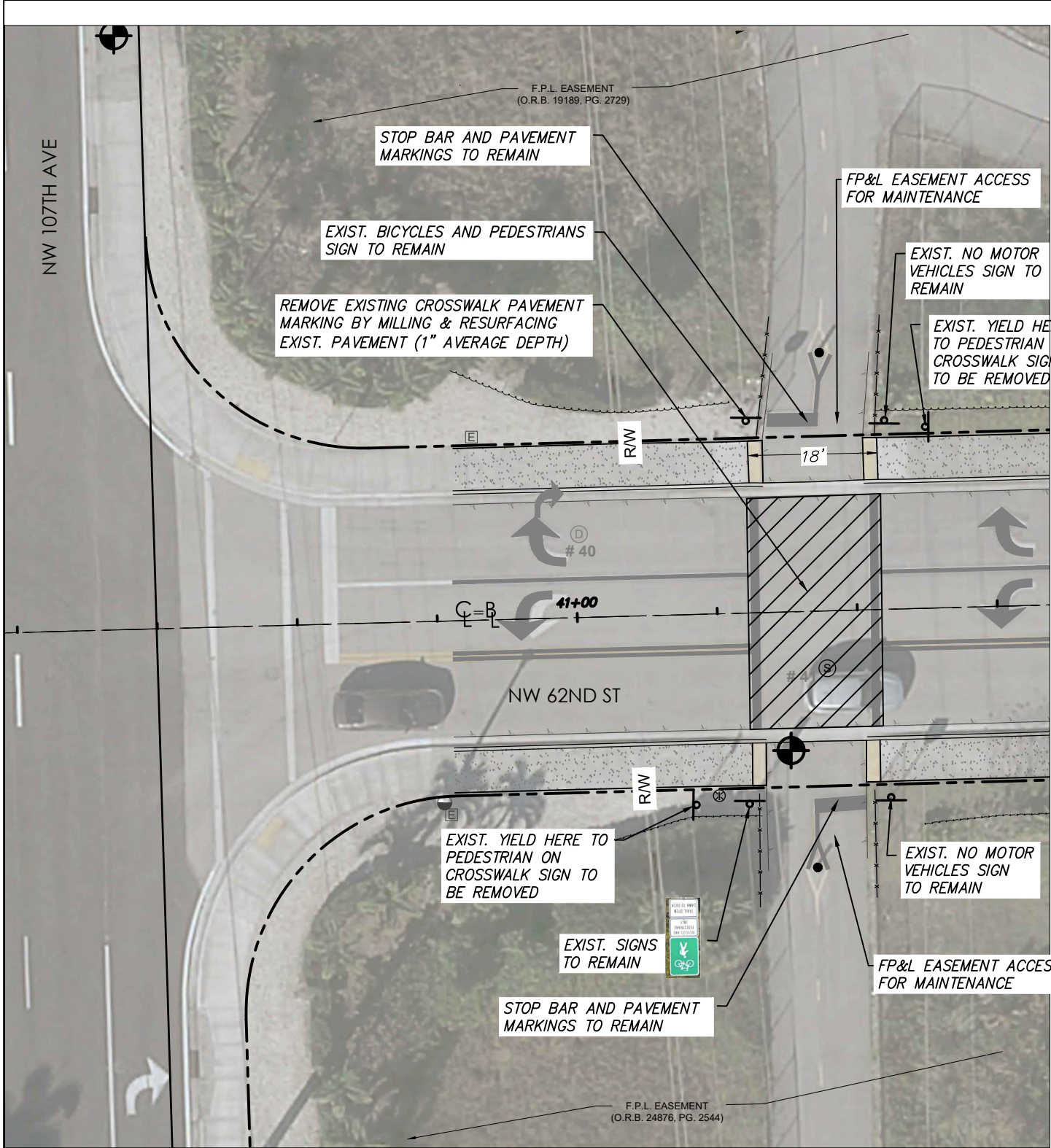
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CITY OF DORAL
LANDMARK AT DORAL TRAFFIC CALMING
NW 66TH ST FROM NW 102ND AVE TO NW 107TH AVE

File Name:	RM	CMH	CMH	23.06.01
	Dwn.	Chkd.	Dsan.	YY.MM.DD

SHARED USED PATH CROSSING ON
NW 66TH ST TO NW 107TH AVE

Project No.	Scale	
Drawing No.	Sheet	Revision
C-10	of	

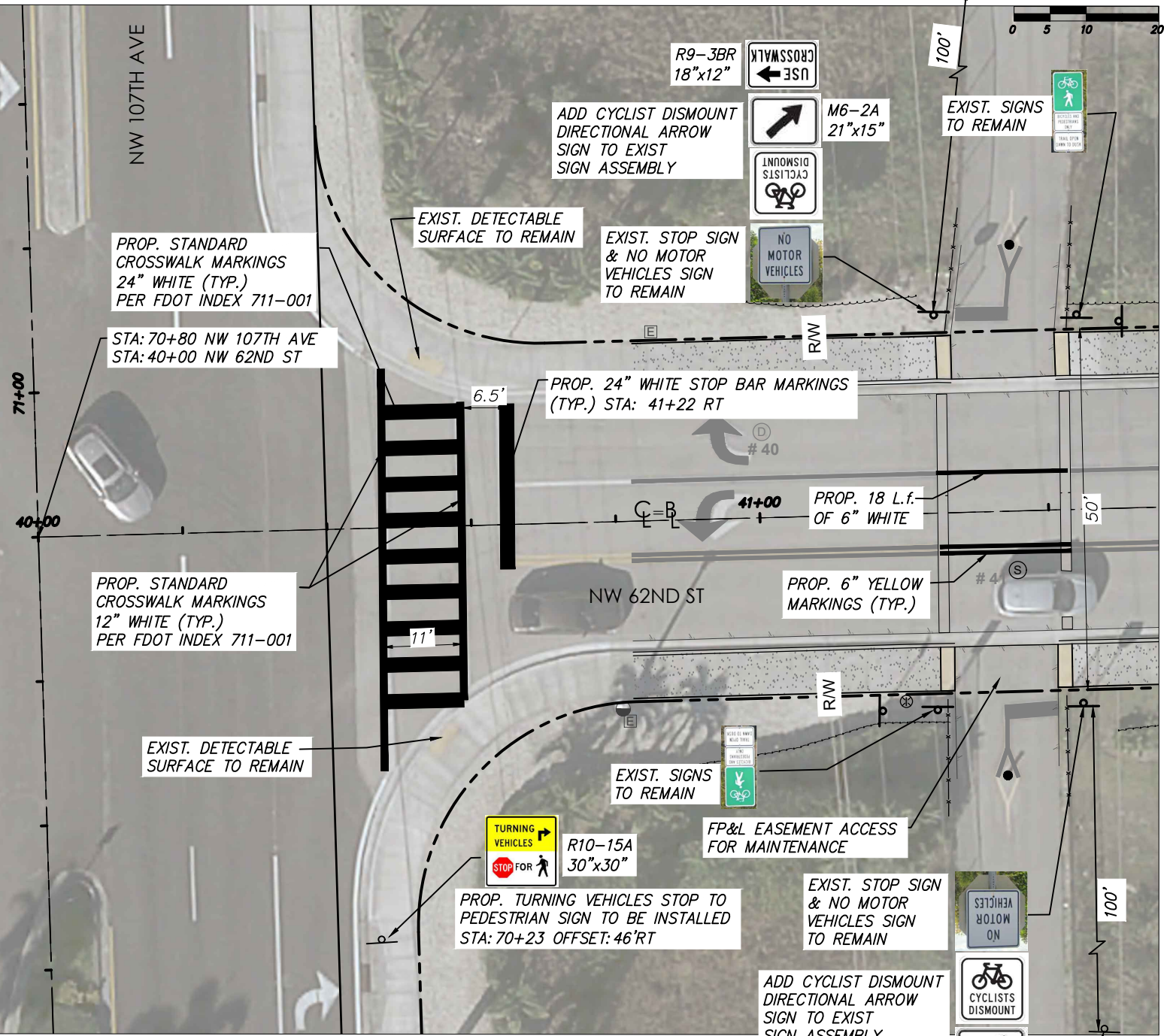


DEMOLITION PLAN

RE-ALIGN/REDESIGN OF SHARED USED PATH ON NW 62ND ST TO NW 107TH AVE

REALIGN/REDESIGN SHARED USED PATH SO THAT PEDESTRIANS/BICYCLISTS USE THE EAST CROSSWALK AT THE INTERSECTION OF NW 107TH AVE

- NOTES:
1. COMPLY WITH ADA REQUIREMENTS FOR ALL CURB RAMPS AND SIGN PLACEMENTS
 2. ALL SIGNING AND PAVEMENT MARKING (TO REMAIN) IMPACTED BY THE PROPOSED WORK MUST BE PROPERLY RESTORED.



NOTE: PROPOSED SIGNS TO BE INSTALLED 1.5' FROM FACE OF CURB OR EDGE OF SIDEWALK TO MEET MUTCD AND ADA REQUIREMENTS.

PROPOSED

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Revision	By	Appd.	YY.MM.DD	Issued	By	Appd.	YY.MM.DD

Seal

No. 47660

STATE OF FLORIDA

CARLOS MANUEL HERRERA
REGISTERED PROFESSIONAL ENGINEER
STATE OF FLORIDA

Consultants

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CITY OF DORAL

LANDMARK AT DORAL TRAFFIC CALMING

NW 66TH ST FROM NW 102ND AVE TO NW 107TH AVE

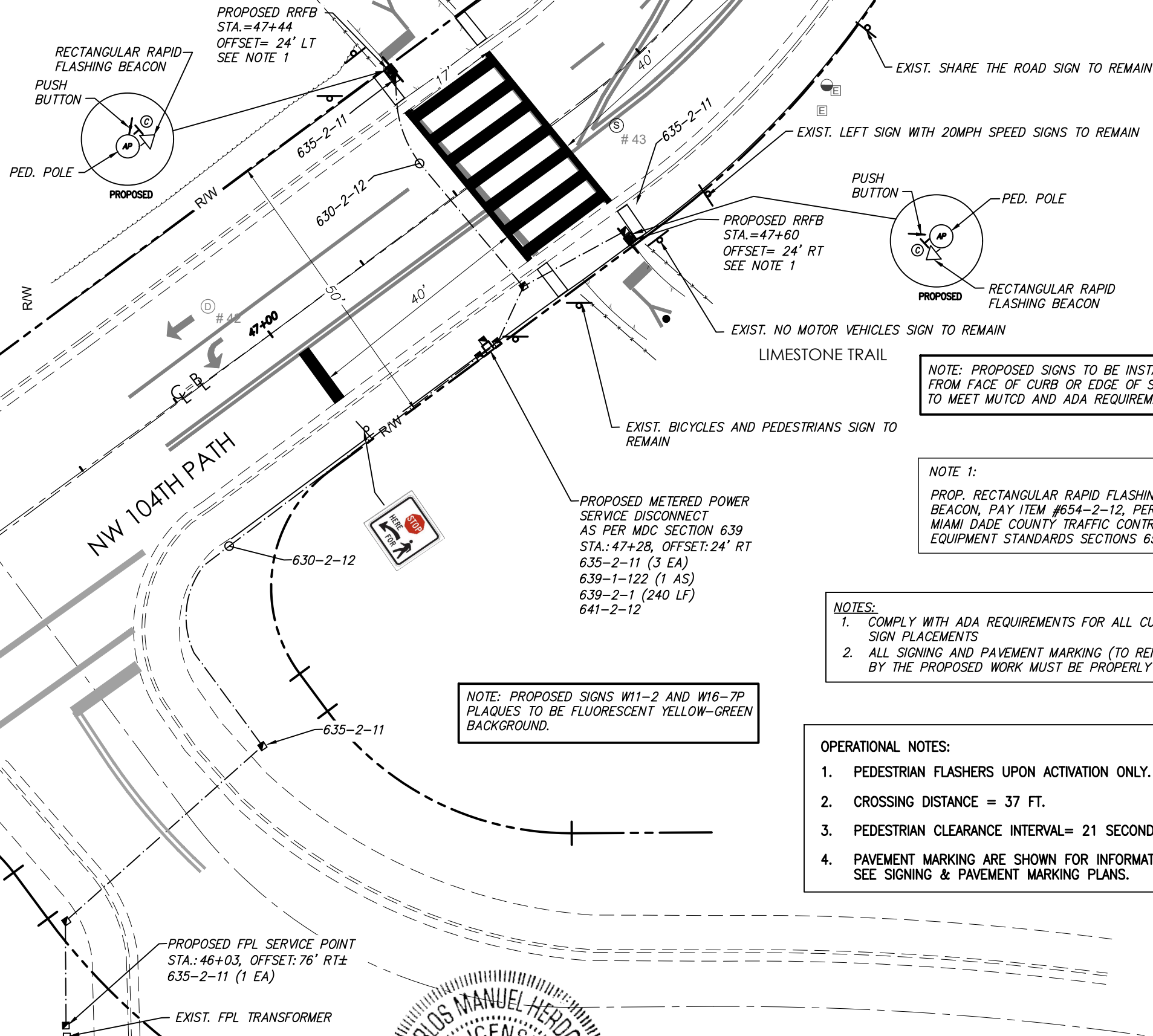
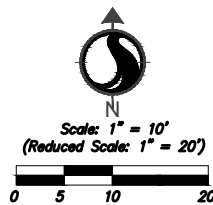
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RM Dwn. CMH Chkd. CMH Dsgn. 23.06.01 YY.MM.DD

SHARED USE PATH CROSSING NW 62ND ST

Project No. _____ Scale _____

Drawing No. C-11 Sheet _____ of _____ Revision _____



NOTE: PROPOSED SIGNS TO BE INSTALLED 1.5' FROM FACE OF CURB OR EDGE OF SIDEWALK TO MEET MUTCD AND ADA REQUIREMENTS.

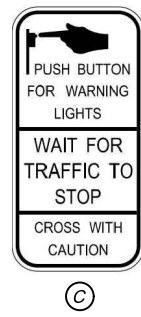
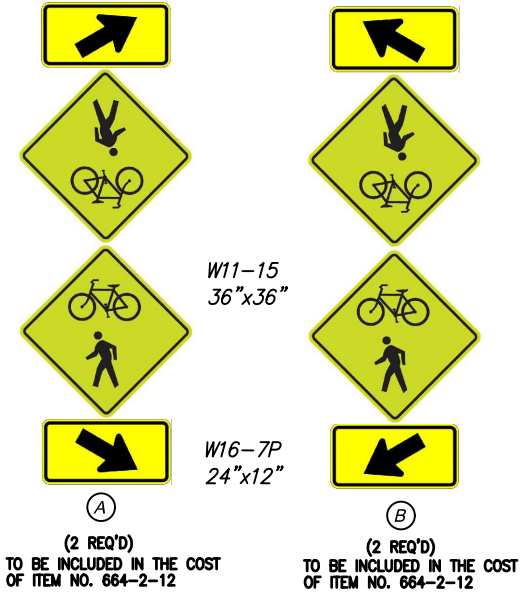
NOTE 1:
PROP. RECTANGULAR RAPID FLASHING BEACON, PAY ITEM #654-2-12, PER MIAMI DADE COUNTY TRAFFIC CONTROL EQUIPMENT STANDARDS SECTIONS 654

- NOTES:
1. COMPLY WITH ADA REQUIREMENTS FOR ALL CURB RAMPS AND SIGN PLACEMENTS
 2. ALL SIGNING AND PAVEMENT MARKING (TO REMAIN) IMPACTED BY THE PROPOSED WORK MUST BE PROPERLY RESTORED.

- OPERATIONAL NOTES:
1. PEDESTRIAN FLASHERS UPON ACTIVATION ONLY.
 2. CROSSING DISTANCE = 37 FT.
 3. PEDESTRIAN CLEARANCE INTERVAL= 21 SECONDS
 4. PAVEMENT MARKING ARE SHOWN FOR INFORMATION ONLY. SEE SIGNING & PAVEMENT MARKING PLANS.

NOTE: PROPOSED SIGNS W11-2 AND W16-7P PLAQUES TO BE FLUORESCENT YELLOW-GREEN BACKGROUND.

DETAIL OF RAPID FLASHING BEACON SIGNS



FTP-68C-21
TO BE INCLUDED IN THE COST OF ITEM NO. 664-2-12 (9' X 18") (2 REQ'D)

SEE DETAIL SHEET (DET-05) FOR MIAMI DADE RRFB ASSEMBLY DETAIL

NOTE: ALL RRFBs TO FLASH AT THE SAME TIME

NW 104TH PATH @ LIMESTONE TRAIL
INT. ID# 8339

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Revision	By	Appd.	YY.MM.DD	Issued	By	Appd.	YY.MM.DD

Seal

No. 47660
STATE OF FLORIDA
PROFESSIONAL ENGINEER

CARLOS MANUEL HERDIAZ
REGISTERED PROFESSIONAL ENGINEER
STATE OF FLORIDA

Consultants

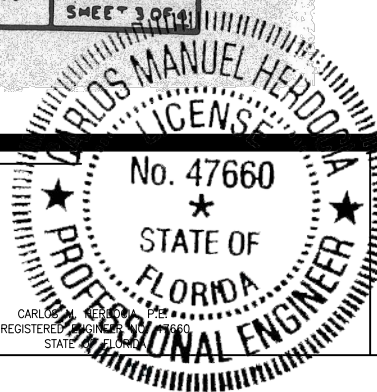
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Coral Gables, Florida 33134
www.stantec.com

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CITY OF DORAL	RM	CMH	CMH	23.06.01
LANDMARK AT DORAL TRAFFIC CALMING	Dwn.	Chkd.	Dsgn.	YY.MM.DD
NW 66TH ST FROM NW 102ND AVE TO NW 107TH AVE				
File Name:				

RRFB AT NW 104TH PATH AND LIMESTONE TRAIL	Project No.	Scale
Drawing No.	Sheet	Revision
C-12A	of	

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Revision _____	By _____	Appd. _____	YY.MM.DD _____
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Seal

CARLOS M. NEREOIA, P.E.
REGISTERED ENGINEER NO. 17660
STATE OF FLORIDA

No. 47660

STATE OF
FLORIDA

DCA P.E.
 R INC 7660
 ORD N

Consultants



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CITY OF DORAL
LANDMARK AT DORAL TRAFFIC CALMING
NW 66TH ST FROM NW 102ND AVE TO NW 107TH AVE

File Name:	RM	CMH	CMH	23.06.01
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

DETAILS

Project No.	Scale	SEE PLANS
Drawing No.	Sheet	
		Revision

C-13 of

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 6G15-23.004, F.A.C.

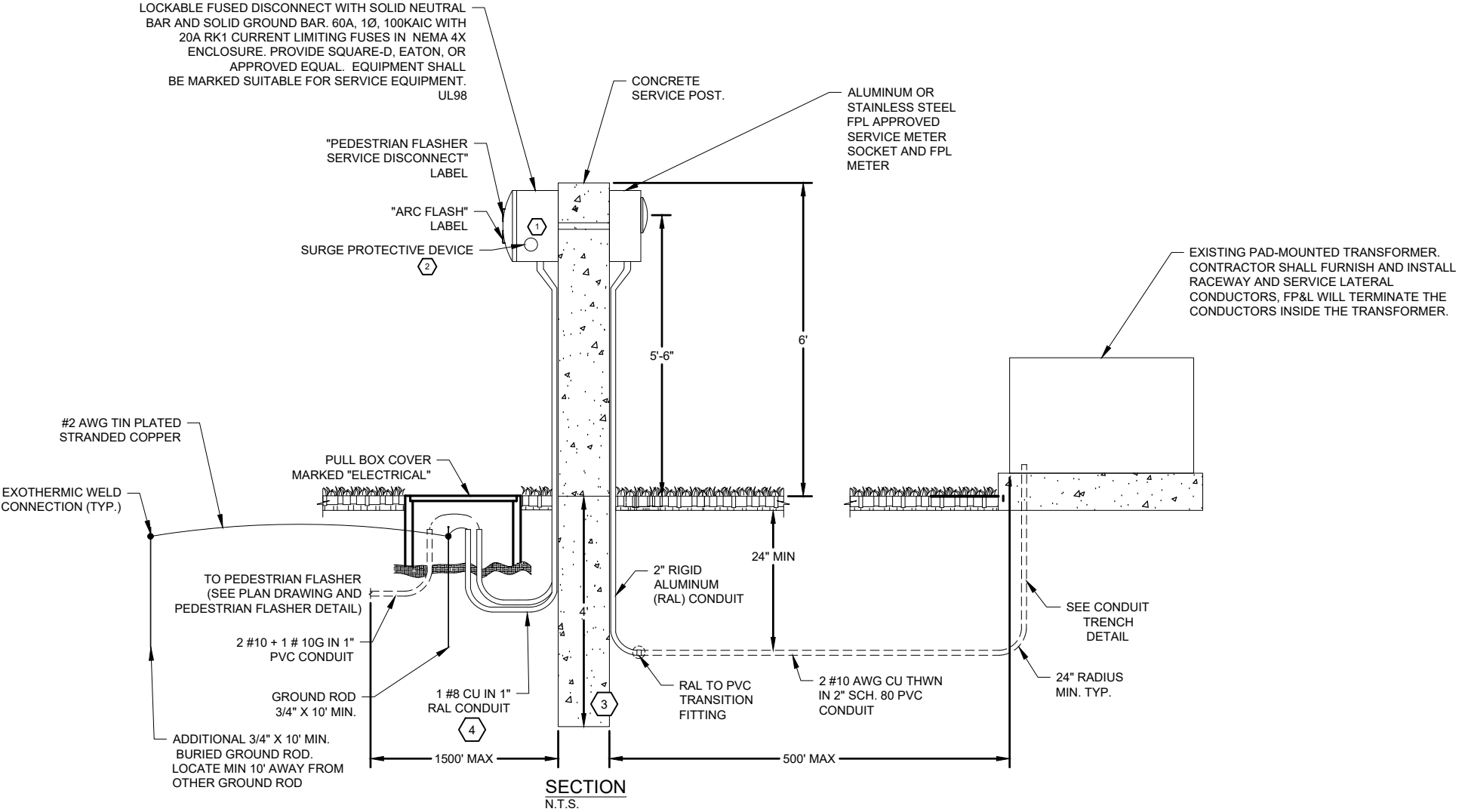
NOTES:

1. METER INSTALLATION CONNECTION AND ALL WORK RELATED TO ELECTRICAL POWER SERVICE SHALL BE COORDINATED WITH FPL UTILITY REPRESENTATIVE. COORDINATE EXACT LOCATION, EQUIPMENT DIMENSIONS, AND SERVICE INSTALLATION.
2. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ELECTRICAL INSTALLATIONS WITH ALL OTHER TRADES TO AVOID ANY CONFLICTS.
3. ALL NEW WIRING SHALL BE INSTALLED IN CONDUIT WITHOUT EXCEPTION. MINIMUM SIZE CONDUIT SHALL BE 3/4".
4. ALL NEW CONDUCTORS SHALL BE TYPE THHN/THWN-2 90C COPPER FOR #10 AND SMALLER AND XHHW-2 FOR #8 AND LARGER.
5. THE USE OF NO. 14 AWG COPPER CONDUCTORS SHALL BE RESTRICTED TO CONTROL AND INSTRUMENT WIRING.
6. ALL ELECTRICAL EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH ARTICLE 250 OF THE N.E.C.
7. ALL CUTTING AND PATCHING REQUIRED FOR THE INSTALLATION OF NEW RACEWAYS OR EQUIPMENT SHALL BE PERFORMED BY A TRADESMAN EXPERIENCED IN THE WORK REQUIRED. ALL FINISHES SHALL MATCH EXISTING ADJACENT SURFACES.
8. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY LOSS OR DAMAGE CAUSED BY HIM OR HIS WORKMAN TO THE LOCATION DURING THE COURSE OF CONSTRUCTION. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING SUCH LOSS OR DAMAGE AT NO ADDITIONAL COST TO THE OWNER.
9. THE ELECTRICAL WORK SHALL COMPLY WITH ALL APPLICABLE CITY, COUNTY, STATE AND SERVING ELECTRICAL UTILITY CODES, ORDINANCES, RULES AND REGULATIONS. THE ENTIRE ELECTRICAL INSTALLATION SHALL COMPLY WITH OR SURPASS THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.
10. THE ELECTRICAL CONTRACTOR SHALL FURNISH ALL MATERIALS, TOOLS, LABOR, PLAN CHECK FEES, ETC., FOR A COMPLETE ELECTRICAL INSTALLATION UNLESS OTHERWISE NOTED ON PLANS.
11. ALL MATERIALS FURNISHED BY THE ELECTRICAL CONTRACTOR SHALL BE NEW AND OF FIRST CLASS QUALITY, SHALL BE U.L. LISTED AND FREE OF ANY DEFECTS UNLESS OTHERWISE NOTED ON PLANS.
12. ALL EQUIPMENT SHALL BE RATED FOR USE INTENDED - VOLTAGE, H.P., ETC. ALL DISCONNECT SWITCHES FURNISHED SHALL BE LOAD BREAK RATED.
13. ALL NECESSARY PERMITS REQUIRED FOR ELECTRICAL INSTALLATIONS ARE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR AND SHALL BE CONSIDERED TO BE PART OF HIS CONTRACT FEE.
14. THE ELECTRICAL CONTRACTOR SHALL FULLY GUARANTEE THE INSTALLATION FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER AGAINST IMPERFECT WORKMANSHIP AND MALFUNCTION OF EQUIPMENT. ANY WORK FOUND TO BE DEFECTIVE WITHIN THIS PERIOD SHALL BE REPAIRED OR REPLACED PROMPTLY AT NO ADDITIONAL COST TO THE OWNER.
15. DRAWINGS ARE DIAGRAMMATIC IN NATURE AND CANNOT SHOW EVERY CONNECTION, JUNCTION BOX, WIRE, CONDUIT, ETC. THE EXACT LOCATION AND ARRANGEMENT OF ALL PARTS SHALL BE DETERMINED AS THE WORK PROGRESSES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE AND FUNCTIONAL ELECTRICAL SYSTEM.
16. ALL SERVICE EQUIPMENT SHALL BE U.L. LISTED..
17. ELECTRICAL CONTRACTOR TO VERIFY AND PROVIDE EQUIPMENT GROUNDING CONDUCTOR AS PER NEC 250. ALL EXPOSED METAL PARTS ARE TO BE BONDED TO THE GROUND SYSTEM.

KEYED NOTES

- 1 THE ENCLOSURE SHALL BE NEMA 4X POLE MOUNTED, RIGIDLY ATTACHED TO THE POLE FACE. THE ENCLOSURE DOOR SHALL BE LOCKABLE BY PADLOCK AND FOUR KEYS PROVIDED. NO SCREWS TO BE USED TO ATTACH DOOR.
- 2 SPD SHALL BE WIRED INSIDE THE ENCLOSURE. PROVIDE SQUARE D SDSA1175 OR APPROVED EQUIVALENT. CONNECT PER MANUFACTURER INSTRUCTIONS.
- 3 MODIFY EMBEDMENT DEPTH AS REQUIRED BY FIELD CONDITIONS.
- 4 BOND RGS CONDUIT TO GROUNDING ELECTRODE CONDUCTOR AT BOTH ENDS.
- 5 NEW SIGN WITH TWO MESSAGE BOARDS (ONE ON EACH SIDE). ALPHA ECLIPSE STREET SMART 48X64 AMBER, 17MM, WITH CELLULAR RADIO.
- 6 THE CONTRACTOR SHALL FURNISH ARC FLASH PROTECTION LABEL ON THE MESSAGE BOARD SERVICE DISCONNECTING MEANS. THE LABEL SHALL BE BASED OFF THE AVAILABLE FAULT CURRENT PROVIDED BY THE ELECTRIC UTILITY AND FURNISHED EQUIPMENT. THE LABEL SHALL INCLUDED INCIDENT ENERGY, ARCH FLASH PROTECTION BOUNDARIES AND PERSONAL PROTECTIVE EQUIPMENT (PPE).

LOCKABLE FUSED DISCONNECT WITH SOLID NEUTRAL BAR AND SOLID GROUND BAR. 60A, 1Ø, 100KAIC WITH 20A RK1 CURRENT LIMITING FUSES IN NEMA 4X ENCLOSURE. PROVIDE SQUARE-D, EATON, OR APPROVED EQUAL. EQUIPMENT SHALL BE MARKED SUITABLE FOR SERVICE EQUIPMENT. UL98



PIPING LEGEND:

- PVC SCHEDULE 40 CONDUIT (UNLESS OTHERWISE NOTED). REFER TO PLANS FOR SIZING.
- == RGS CONDUIT. REFER TO PLANS FOR SIZING AND QUANTITY.

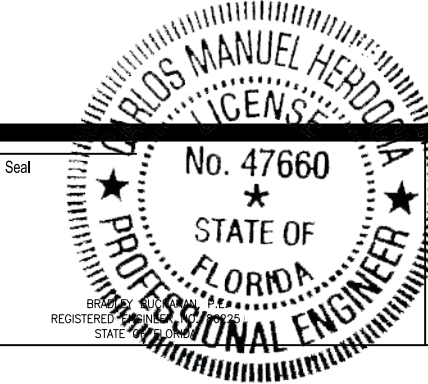
TYPICAL SERVICE POINT DETAIL
N.T.S.

DESCRIPTION	VA
FLASHING BEACONS (4x@30VA EA	120
TOTAL LOAD	120
AMPS@120V=1A	

TYPICAL SERVICE LOAD CALCULATION
N.T.S.

V:\1756\active\18043\Drawings\Electrical\18043_E-01.dwg
2024/09/15 1:23 PM 031
18043_E-01.dwg

Revision	By	Appd.	YY.MM.DD	Issued	By	Appd.	YY.MM.DD



Consultants



The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

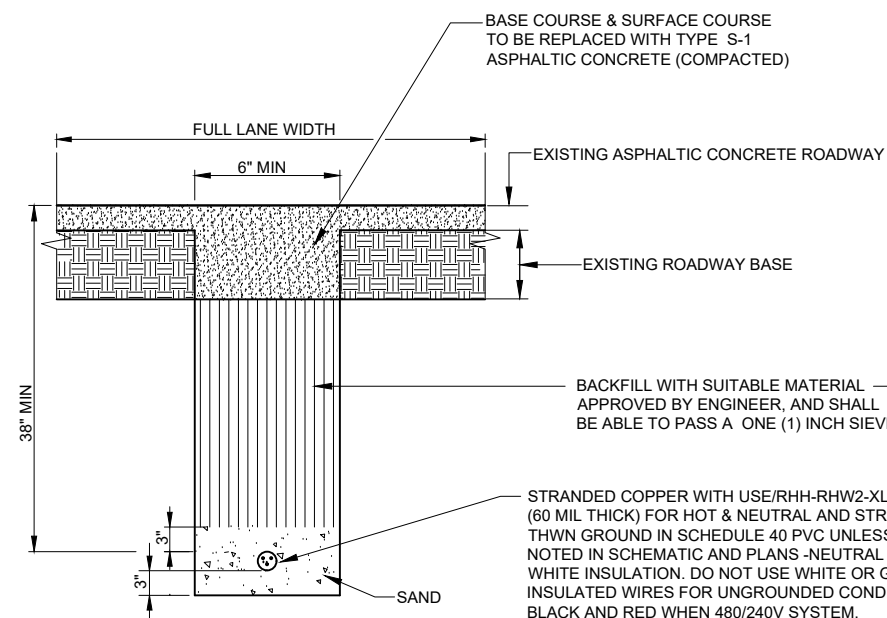
CITY OF DORAL

LANDMARK AT DORAL TRAFFIC CALMING

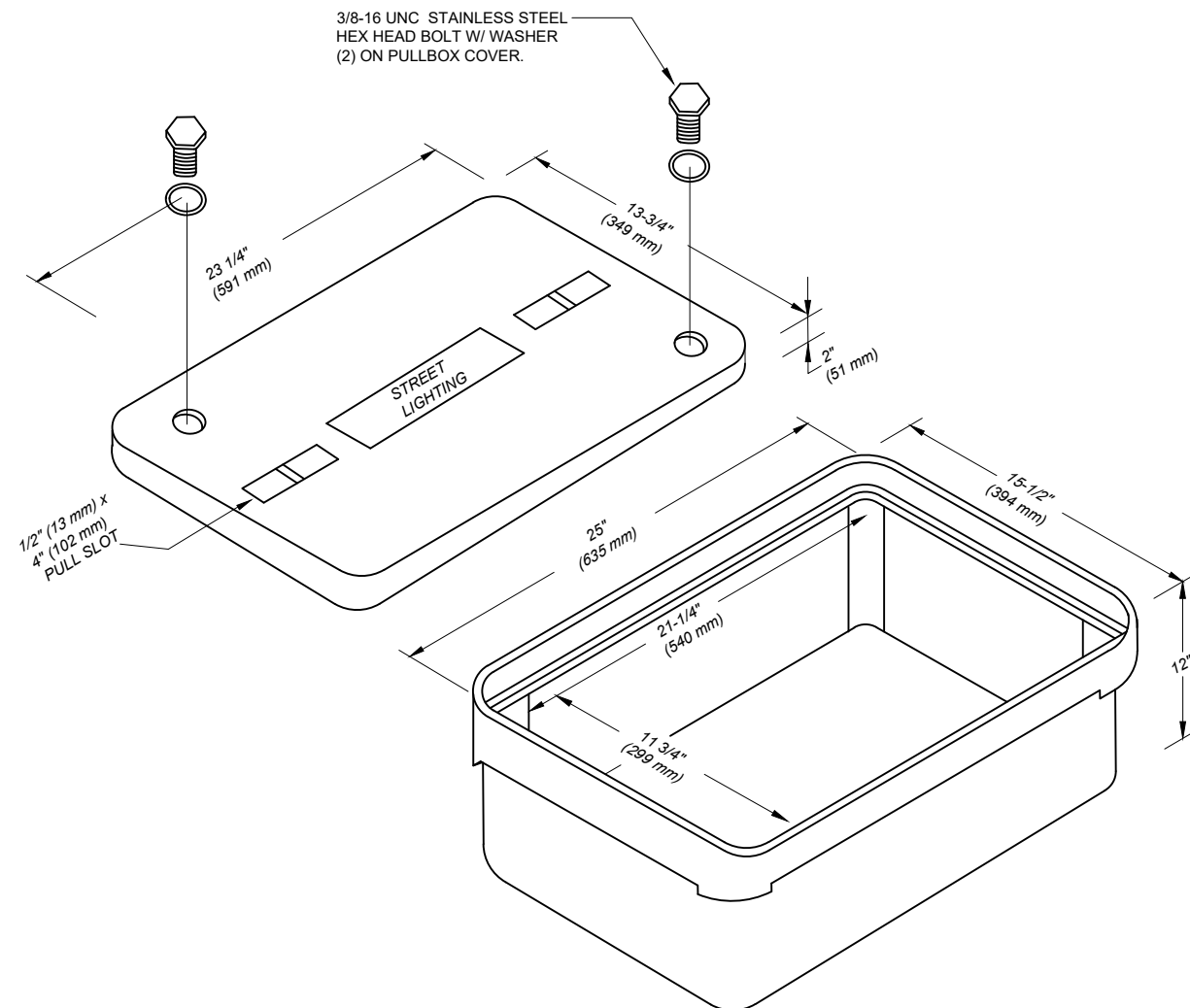
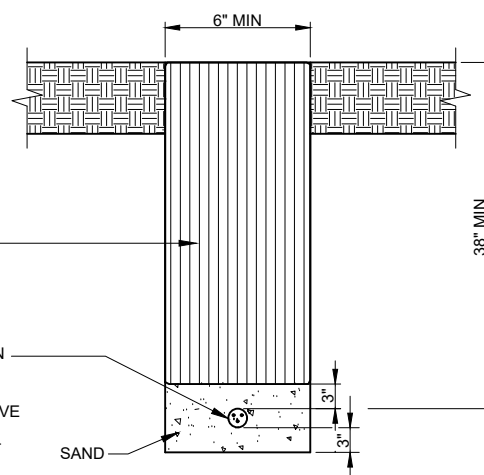
NW 66TH ST FROM NW 102ND AVE TO NW 107TH AVE

File Name: 18043_E-01.dwg	BB	BB	RC	23.09.07
	Dwn.	Chkd.	Dsgn.	YY.MM.DD


ELECTRICAL ONE-LINE			
Project No.	Scale	NO SCALE	
Drawing No.	Sheet	Revision	
E-01	of	-	



* IF IN THE OPINION OF THE ENGINEER, APPRECIABLE SETTLEMENT OCCURS DURING THE ONE YEAR GUARANTEE PERIOD, THE CONTRACTOR WILL BE REQUIRED TO RESTORE THE AREA OF CUT TO ADJACENT ROADWAY ELEVATION. SEE "TRAFFIC CONTROL EQUIPMENT SPECIFICATIONS AND STANDARDS FOR THE MTCSDMC".

[illegible][illegible]

Seal



Professional Engineer Seal for Carlos Manuel Heredia, No. 47660, State of Florida. The seal is circular with a dotted border. The outer ring contains the text "CARLOS MANUEL HEREDIA" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The center contains the text "No. 47660", a star, and "STATE OF FLORIDA".

Consultants



The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

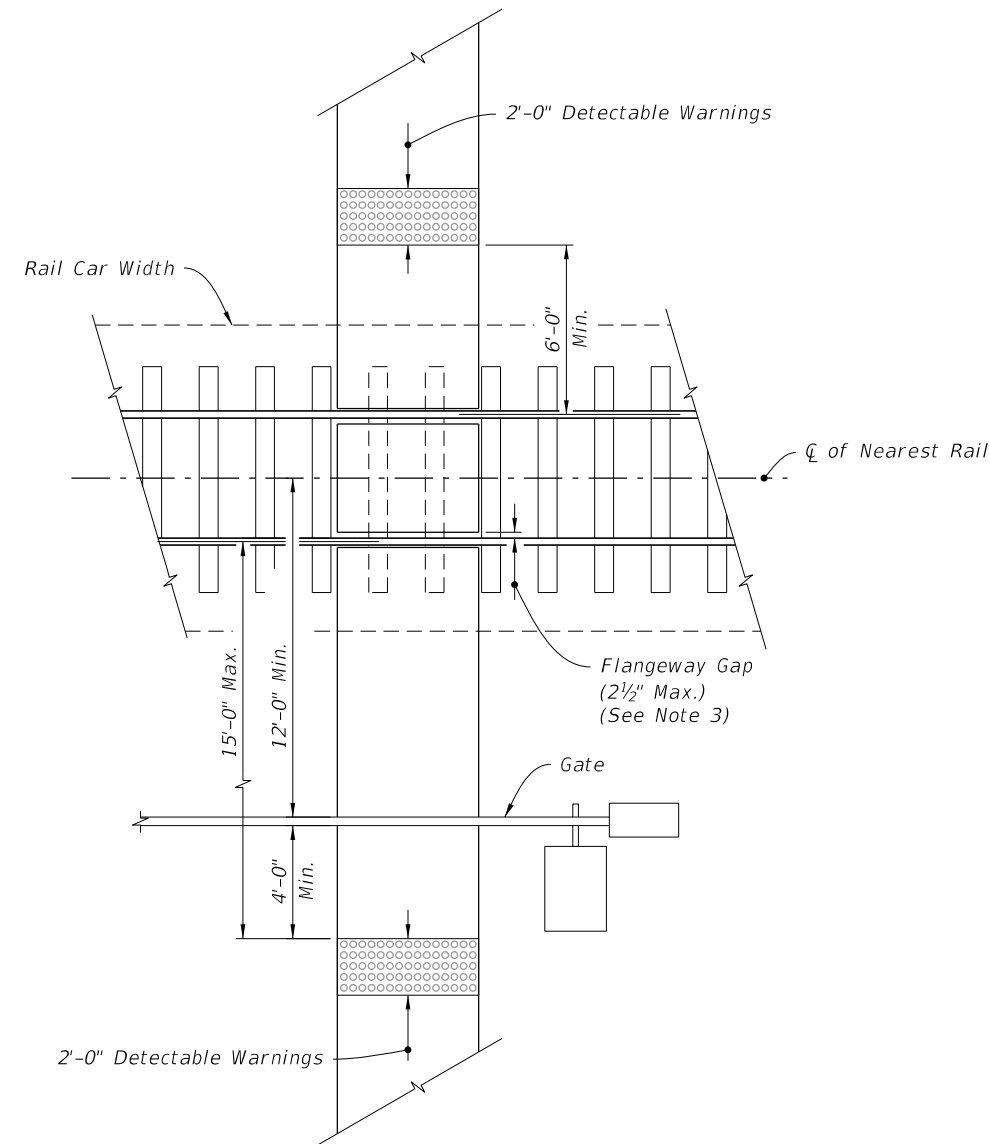
CITY OF DORAL
LANDMARK AT DORAL TRAFFIC CALMING
NW 66TH ST FROM NW 102ND AVE TO NW 107TH AVE

File Name: 18043_E-02-03.dwg	BB	BBH	ROH	23.08.07
	Dwn	Chkd	Desp	YY MM DD

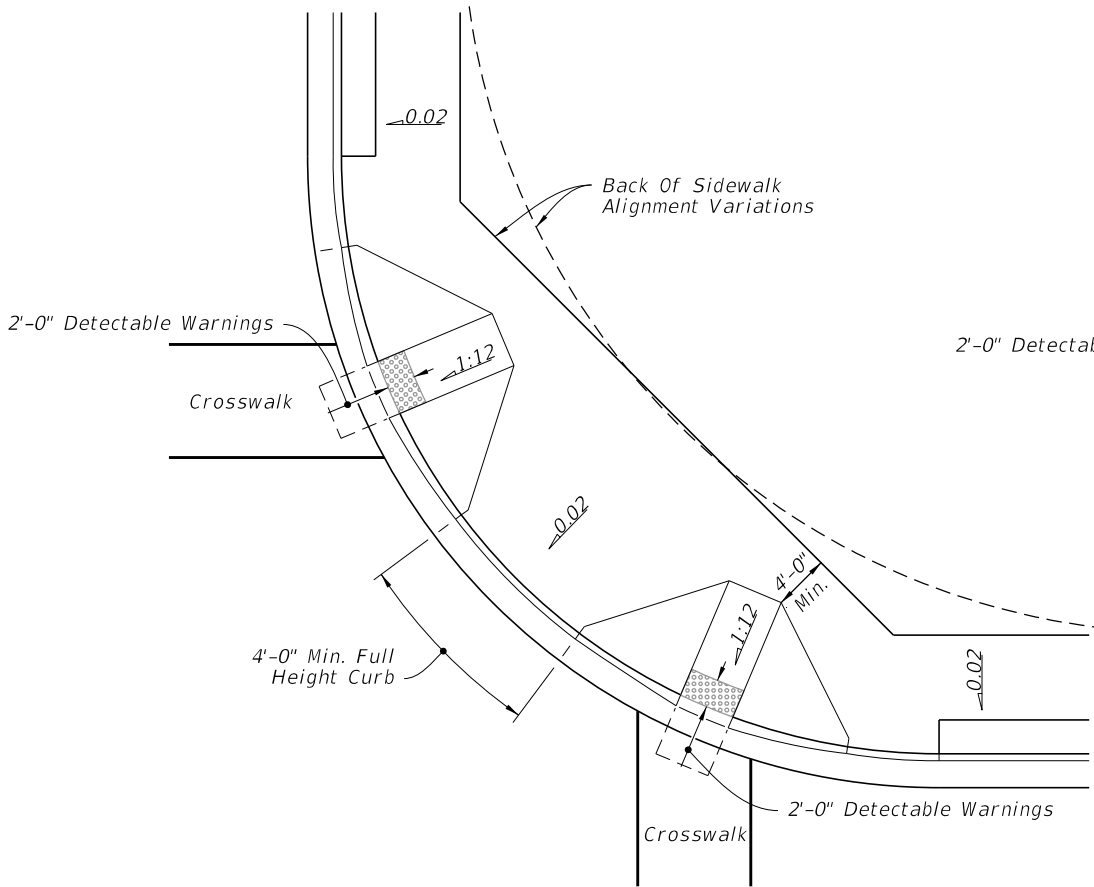
ELECTRICAL DETAILS

Project No.	Scale	
	NO SCALE	
Drawing No.	Sheet	Revision
E-03	of	-

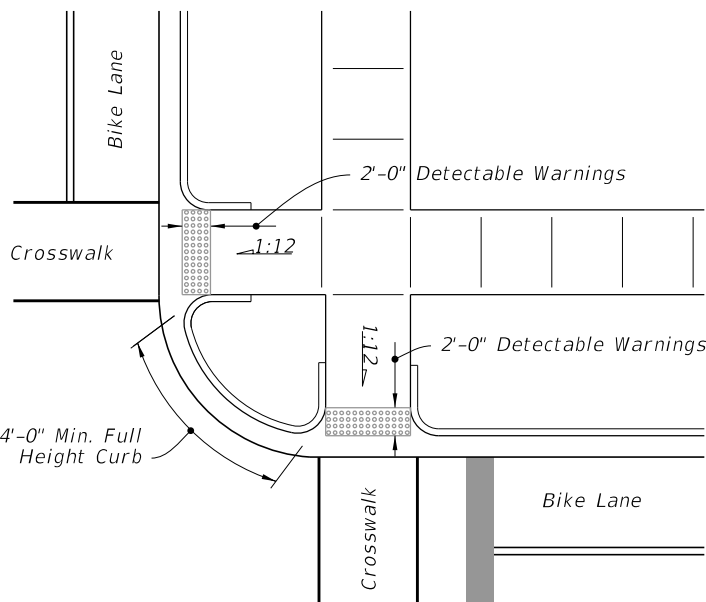
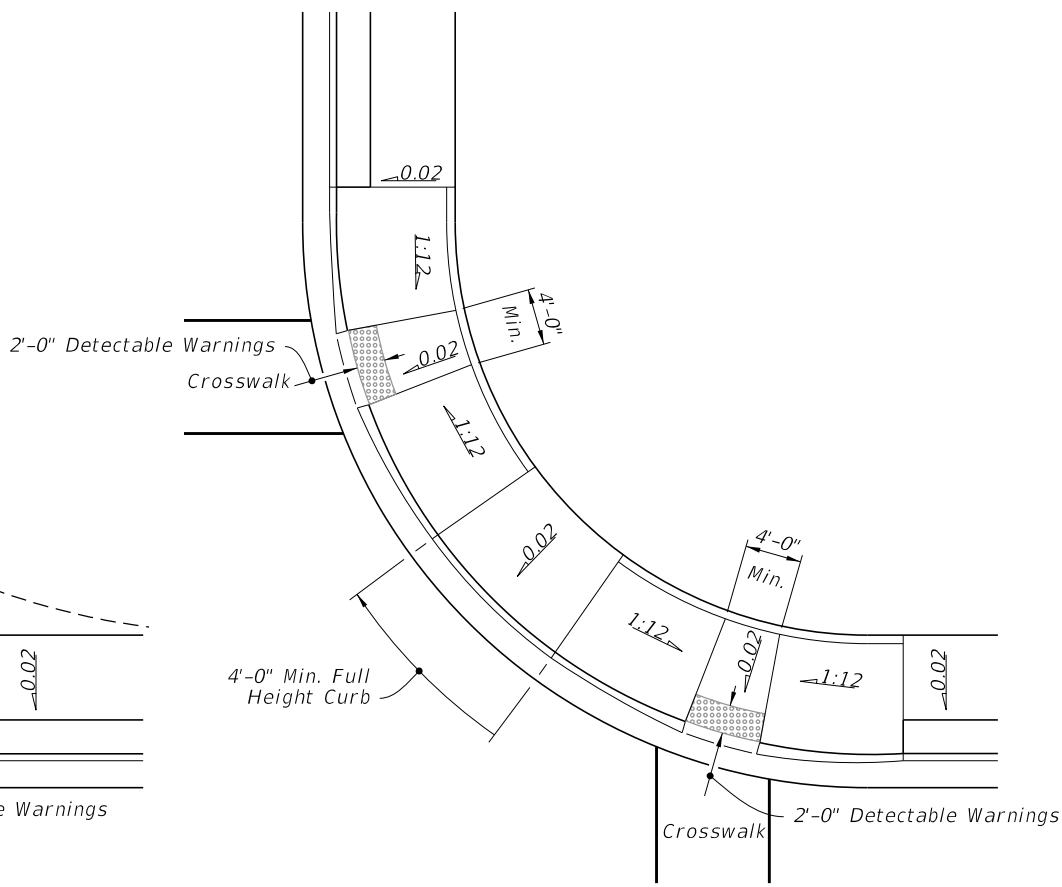
- NOTES:
- 1. Where crosswalk markings are used, ramps must fall within the crosswalk limits. A clear space of 48" minimum is required at the bottom of the ramp within a marked crosswalk. If crosswalk markings are not present, a clear space of 48" minimum is required at the bottom of the ramp outside of active travel lanes.
 - 2. Crosswalk widths and configurations vary; must conform to Index 711-001.
 - 3. Flangeway Gap may be up to 3" for Freight-only Railways.



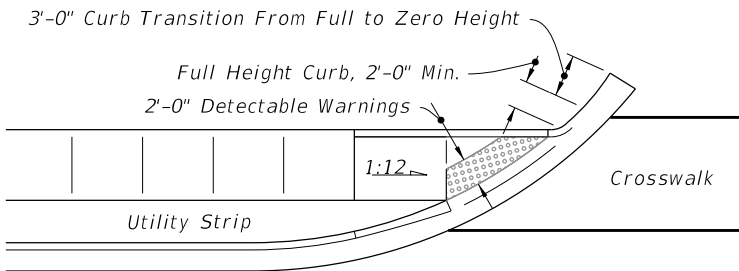
RAILROAD CROSSING



CURB RAMPS WITHIN RADIAL RETURN



CURB RAMPS OUTSIDE RADIAL RETURN



LINEAR SIDEWALK RAMPS

PLACEMENT OF SIDEWALK CURB RAMPS AT CURBED RETURNS (TYP.)

RAILROAD CROSSING AND CURB RAMPS AT CURBED RETURNS

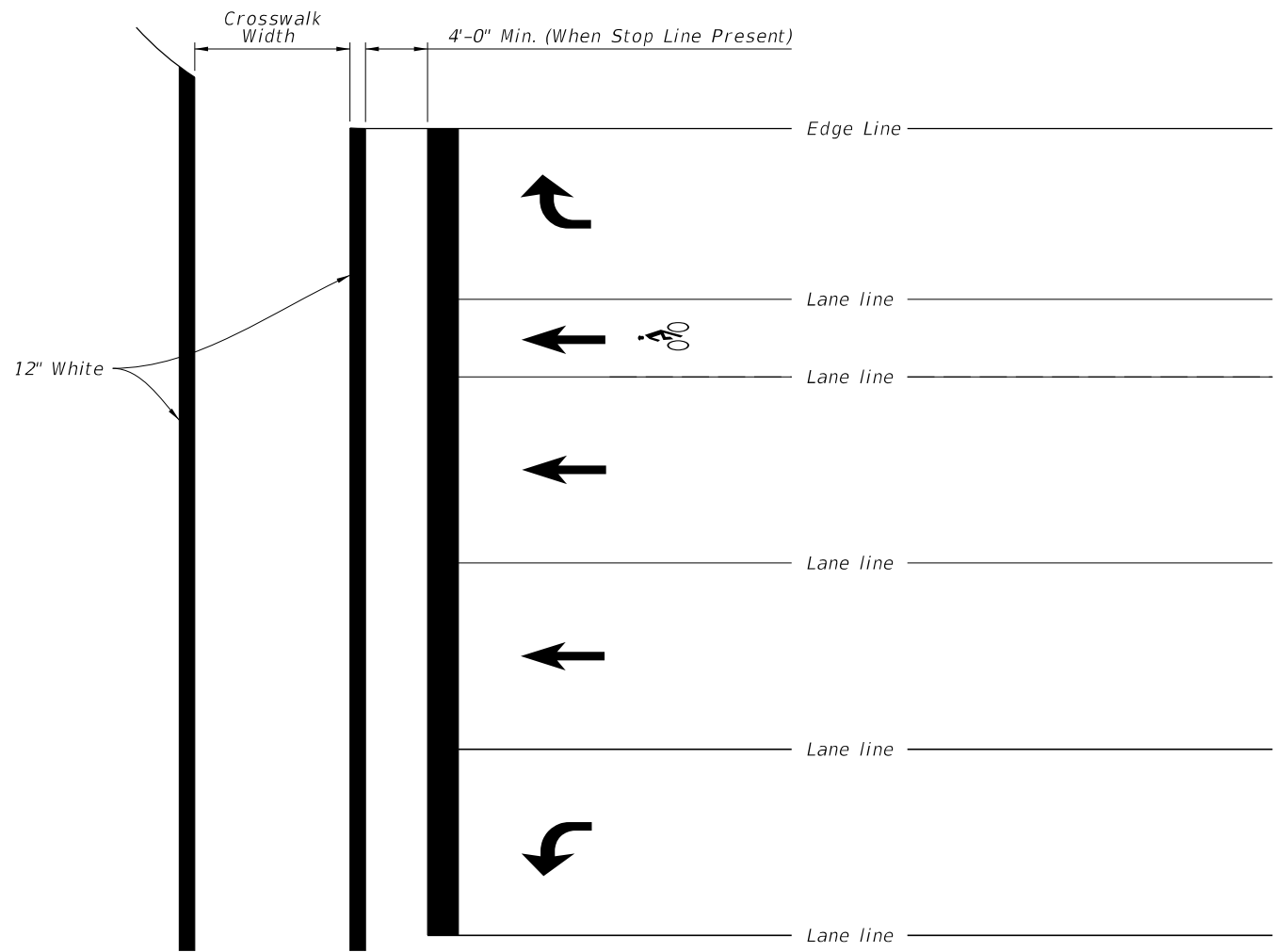


FY 2024-25
STANDARD PLANS

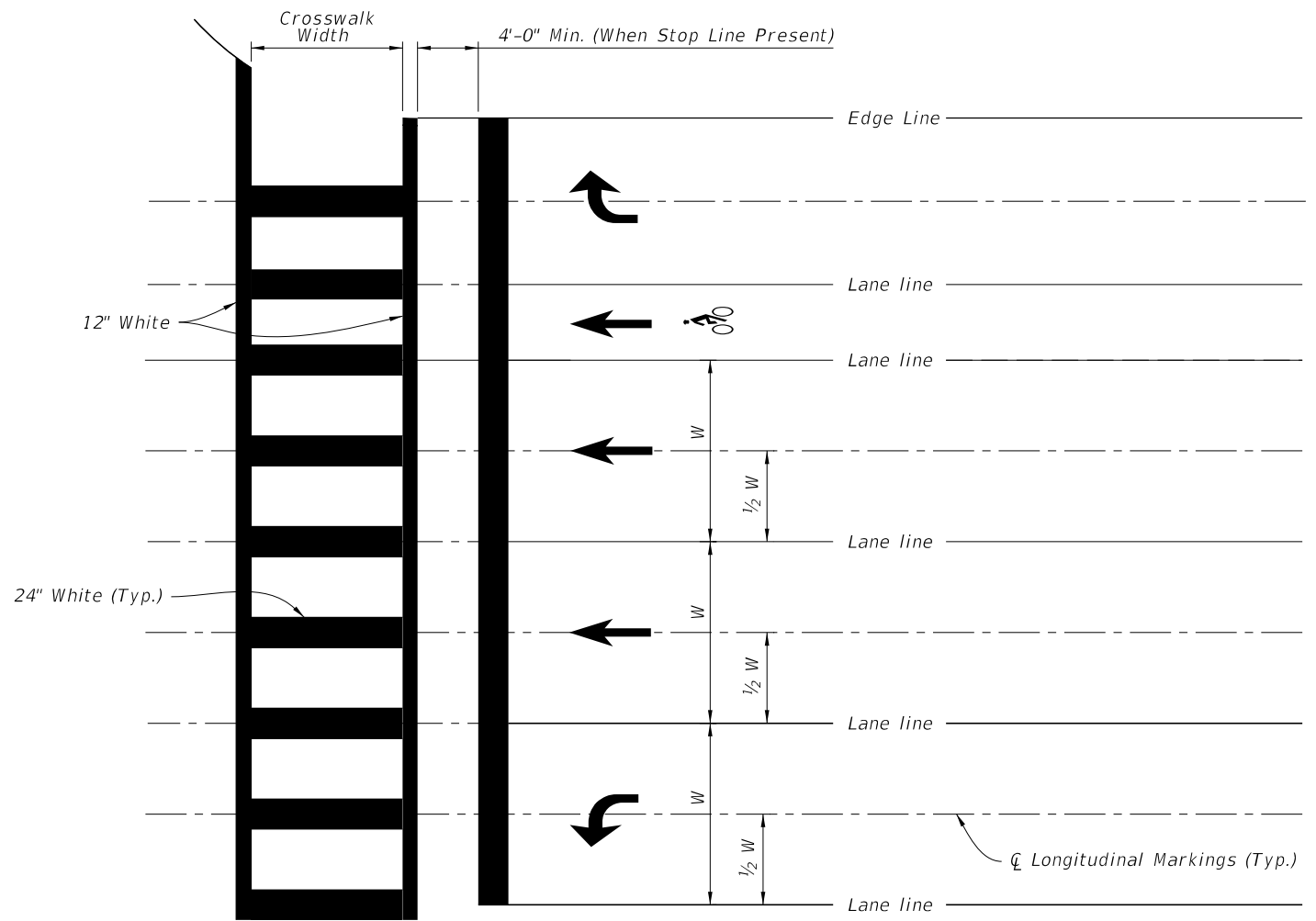
DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS

INDEX
522-002

SHEET
7 of 7



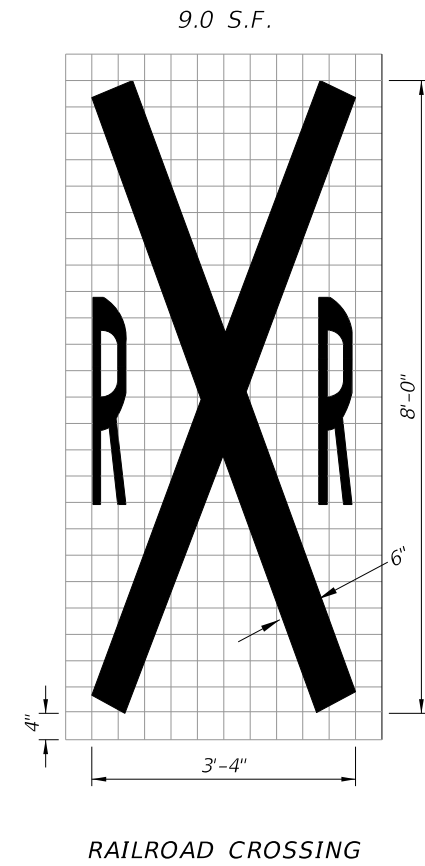
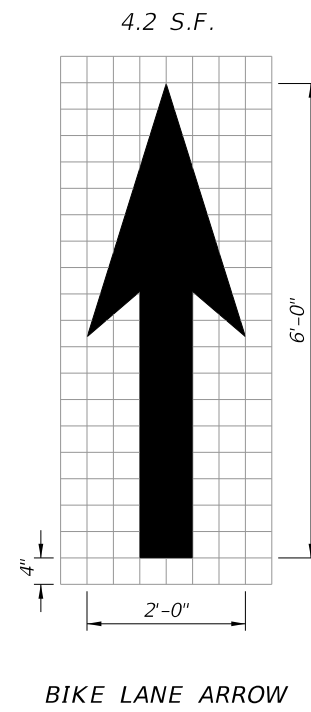
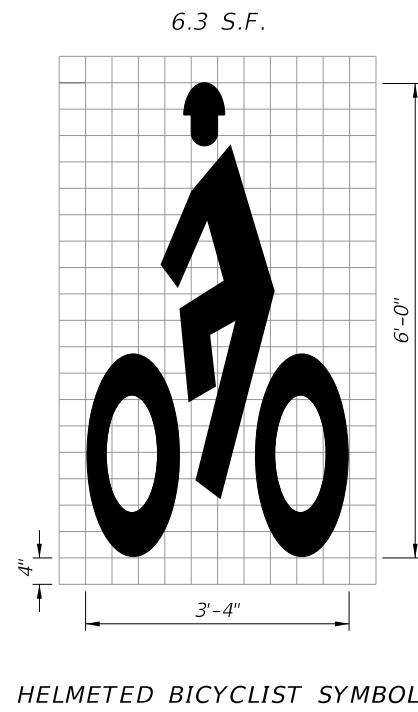
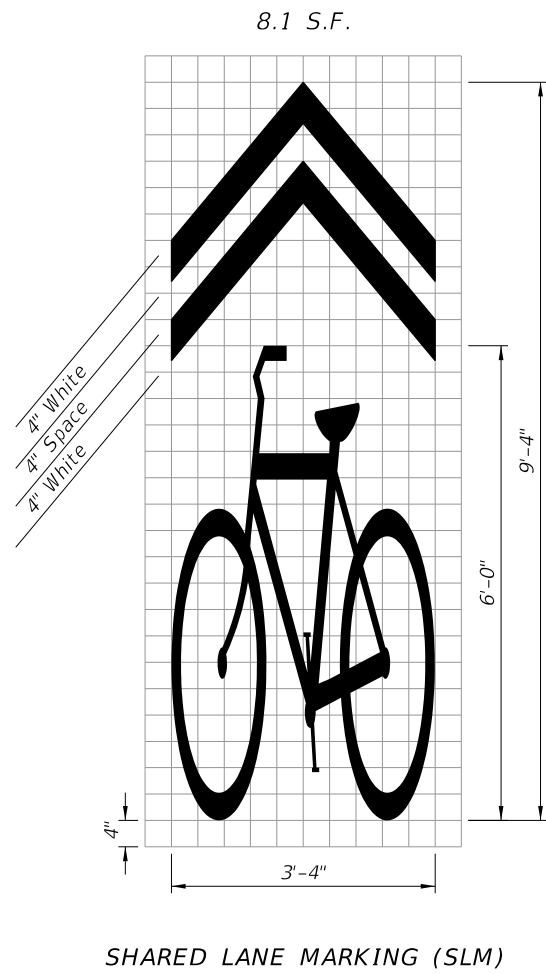
STANDARD CROSSWALK DETAILS



SPECIAL EMPHASIS CROSSWALK DETAILS

NOTES:

1. For crosswalk width, exceed width of the adjacent sidewalk, but do not make width less than 6' for intersection crosswalks and 10' for midblock crosswalks. Measure width from the inside of the transverse crosswalk markings.
2. When the Special Emphasis Crosswalk is not perpendicular to the lane lines, make the longitudinal markings parallel to the lane lines.
3. Refer to Index 522-002 when Curb Ramps are present.




NOTES:

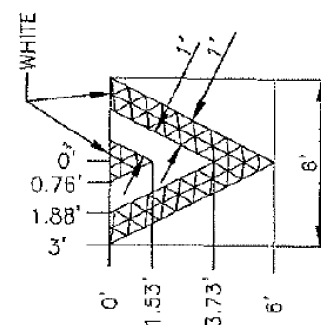
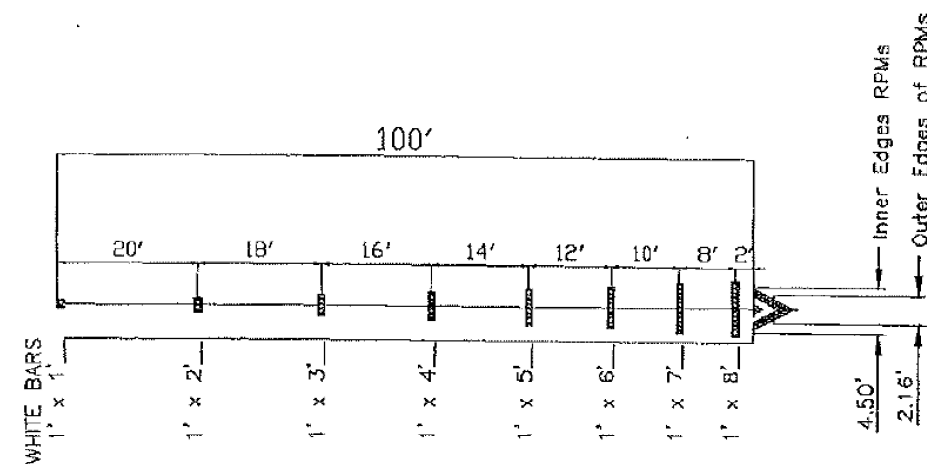
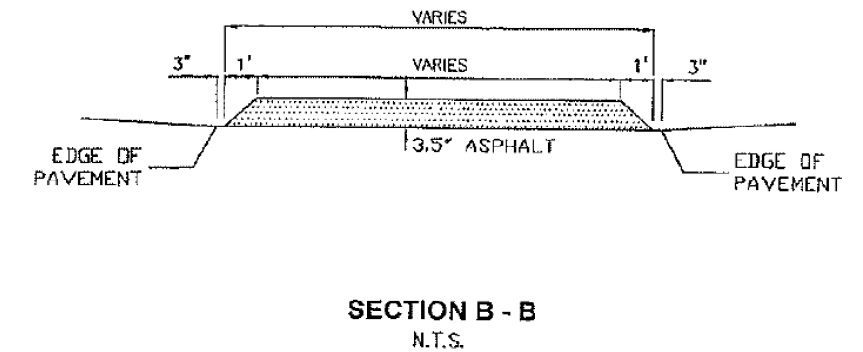
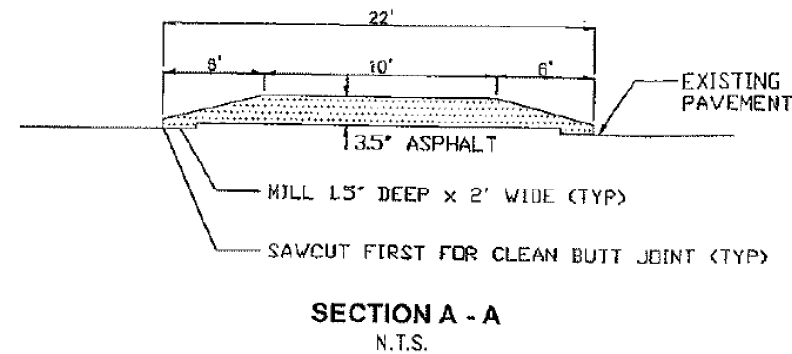
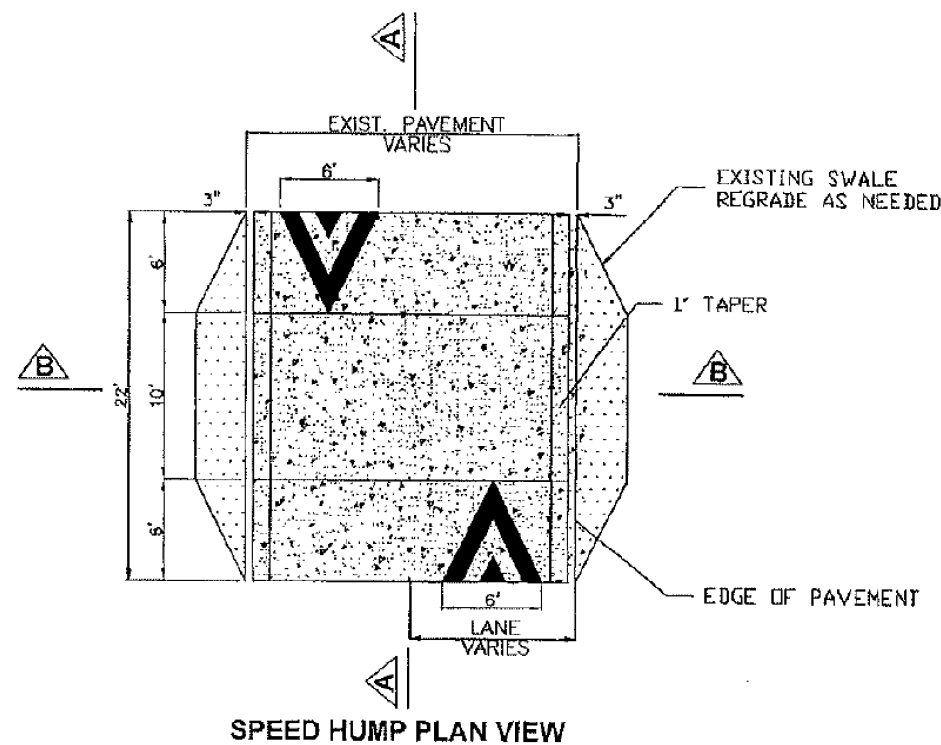
1. All bicycle markings and pavement messages shall be White.
2. All bicycle markings shall be preformed thermoplastic.
3. All grids are 4" x 4".

STANDARD PAVEMENT MARKING MESSAGE LAYOUTS

10/4/2023 6:49:40 AM

LAST REVISION 11/01/17	REVISION	DESCRIPTION:	 FY 2024-25 STANDARD PLANS	BICYCLE MARKINGS	INDEX 711-002	SHEET 1 of 2
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SPEED HUMP GENERAL DETAILS



REFERENCE: MUTCD SECTION 3B.25 & 3B.26

-24 RPM total for Center Line & Speed Hump as shown.

-Paint:
250' of 2-6" Yellow Each Hump
100' of 12" White Each Hump

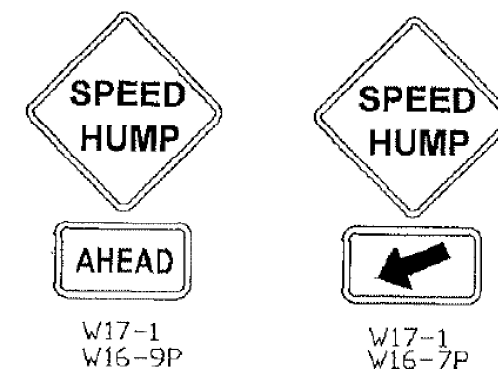
DRAINAGE NOTE:


HUMP TO BE AT LEAST 3" AWAY FROM THE EDGE OF PAVEMENT ON BOTH SIDES IN ORDER TO ALLOW PROPER FLOW OF RUNOFF INTO THE EXISTING CATCH BASINS.
REGRADE EXISTING SWALE IF NEEDED.

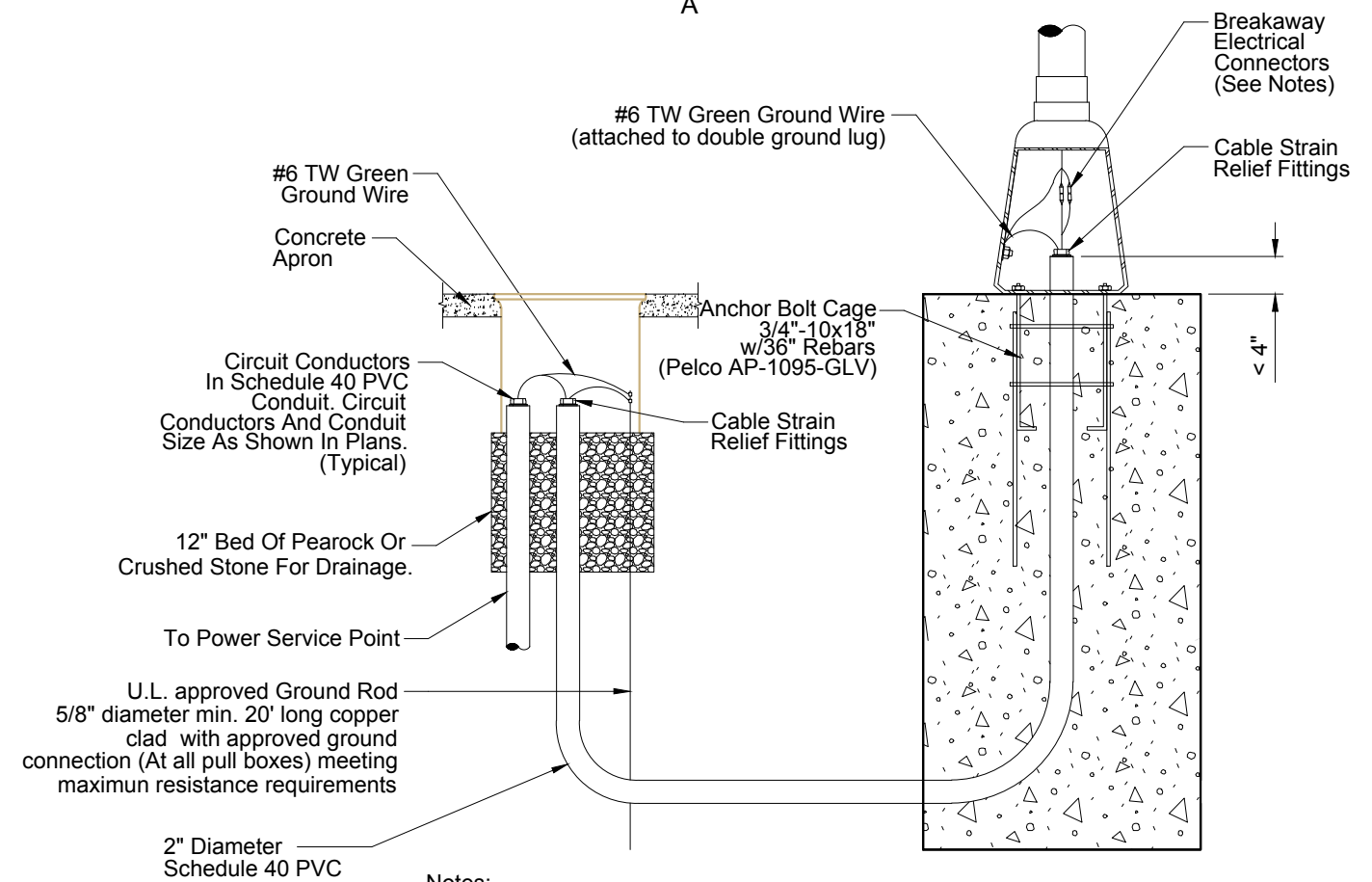
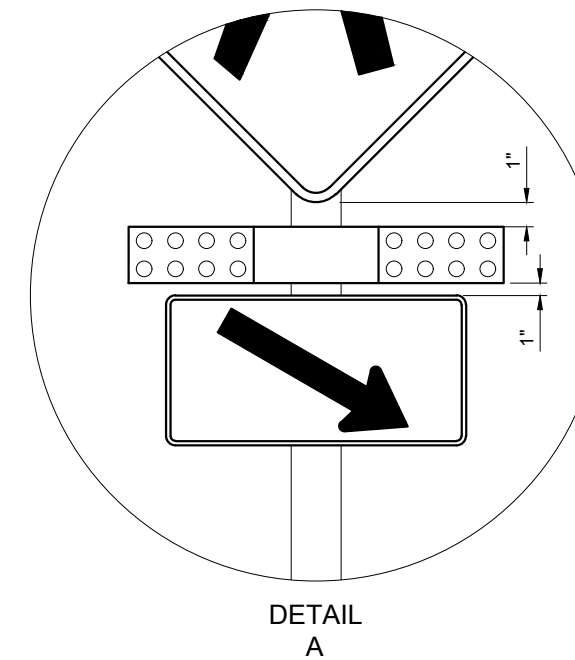
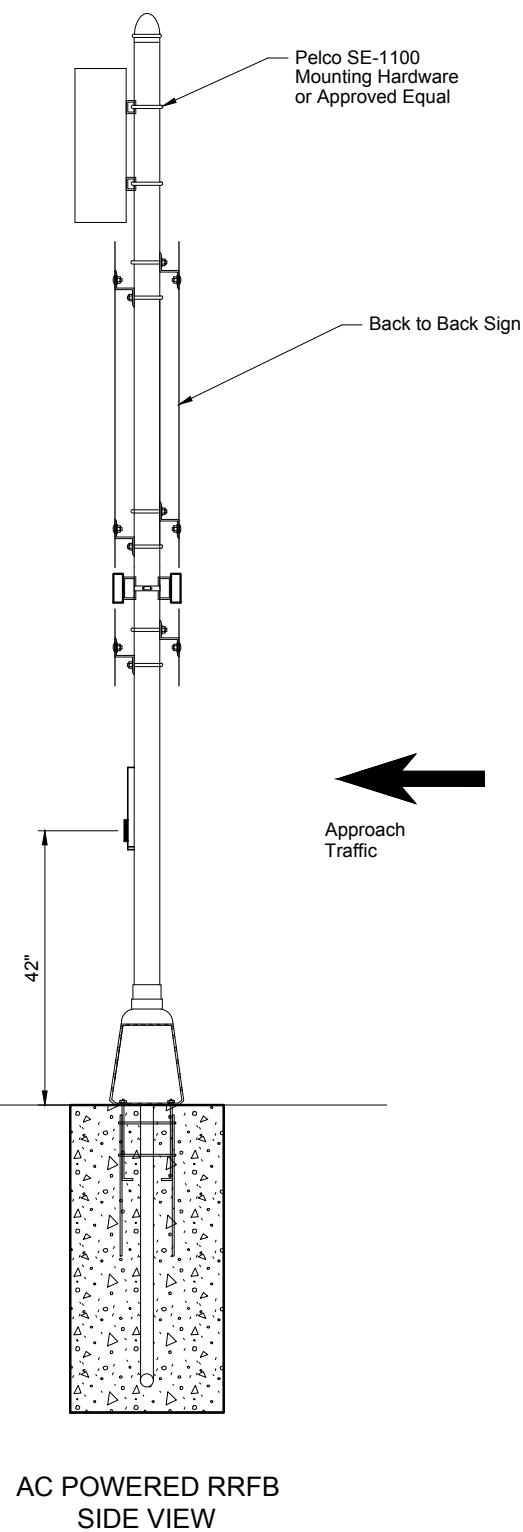
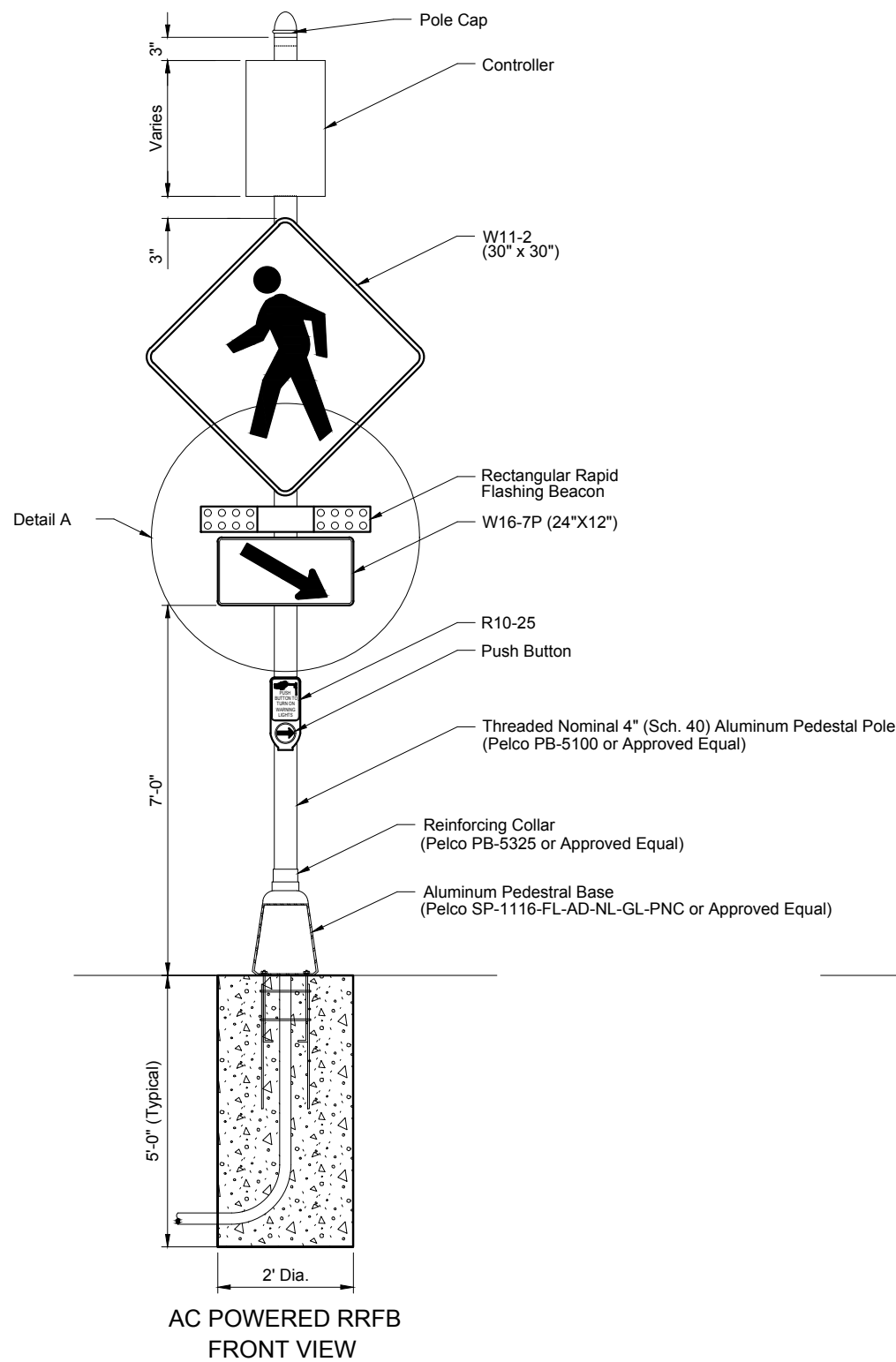
NOTE:

-LOCATE SPEED HUMP AND SIGNS TO MINIMIZE IMPACT ON DRIVEWAYS
-REMOVE ALL SIGNING AND MARKING IN CONFLICT WITH THE DESIGN.

SIGNS DETAILS




 <div>MIAMI-DADE COUNTY</div>	MIAMI-DADE COUNTY						SPEED HUMPS GENERAL DETAILS		
	PUBLIC WORKS AND WASTE MANAGEMENT DEPARTMENT								
	TRAFFIC ENGINEERING DIVISION								
	PROJECT No	SHEET 1 OF 5	REV.	DATE	DESCRIPTION	BY:	A. SUAREZ	01/03/13	SHEET NO. 12A
							DESIGN	DATE	

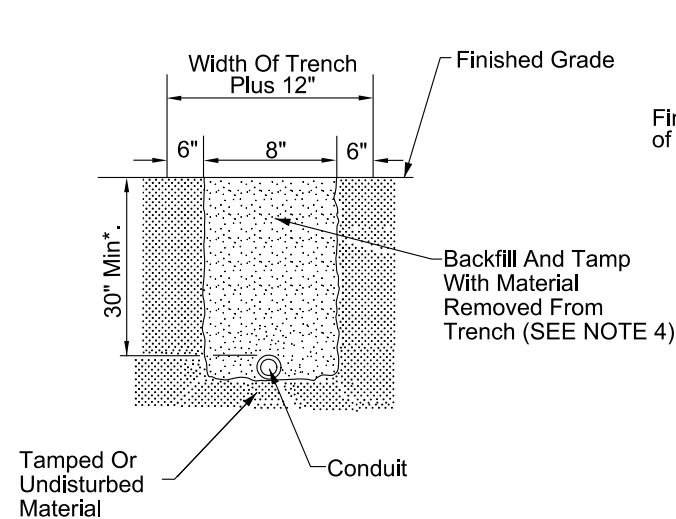


Notes:

1. Fuses: Class CC, 600 VAC, 15 Amps, current limiting, time-delay, UL listed, 200kA VAC RMS Sym. interrupting Rating; Limitron™ Class CC FNQ-R-15 or approved equal.
2. Single-Pole In-Line Fuse Holder with solid Breakaway Option for impact separation: Rated 30A, 600V; Limitron™ HEB-AW-RLC-J for the fused disconnect and HET-AW-RLC-J having a permanently installed solid neutral (for the non-fused disconnect), or approved equal.
3. Cord must be SOW or SOOW type with a 600V rating, minimum 12 AWG.

**POLE WIRING DETAIL
AC POWERED RRFB**

LATEST REVISION	DESCRIPTION:	TRAFFIC CONTROL EQUIPMENT STANDARDS AND SPECIFICATIONS		DTPW TRAFFIC SIGNALS AND SIGNS DIVISION 7100 NW 36th STREET MIAMI, FLORIDA 33166 305.592.3580	<table><tr><td></td><td>NAME</td><td>DATE</td><td></td><td>NAME</td><td>DATE</td></tr><tr><td>DRAWN BY</td><td>ERNESTO ESTRADA</td><td>02-24-15</td><td>DRAWN BY</td><td>LUIS J. DIAZ</td><td>04-27-18</td></tr><tr><td>CHECKED BY</td><td>NAHUM FERNANDEZ</td><td>02-24-15</td><td></td><td></td><td></td></tr><tr><td colspan="2">APPROVED BY:</td><td colspan="2">FRANK AIRA, P.E.</td><td></td><td></td></tr></table>		NAME	DATE		NAME	DATE	DRAWN BY	ERNESTO ESTRADA	02-24-15	DRAWN BY	LUIS J. DIAZ	04-27-18	CHECKED BY	NAHUM FERNANDEZ	02-24-15				APPROVED BY:		FRANK AIRA, P.E.				RECTANGULAR RAPID FLASHING BEACONS (AC POWERED) DETAILS (N.T.S.)	SHEET NO.
	NAME	DATE		NAME	DATE																										
DRAWN BY	ERNESTO ESTRADA	02-24-15	DRAWN BY	LUIS J. DIAZ	04-27-18																										
CHECKED BY	NAHUM FERNANDEZ	02-24-15																													
APPROVED BY:		FRANK AIRA, P.E.																													
04/27/18							654-1																								

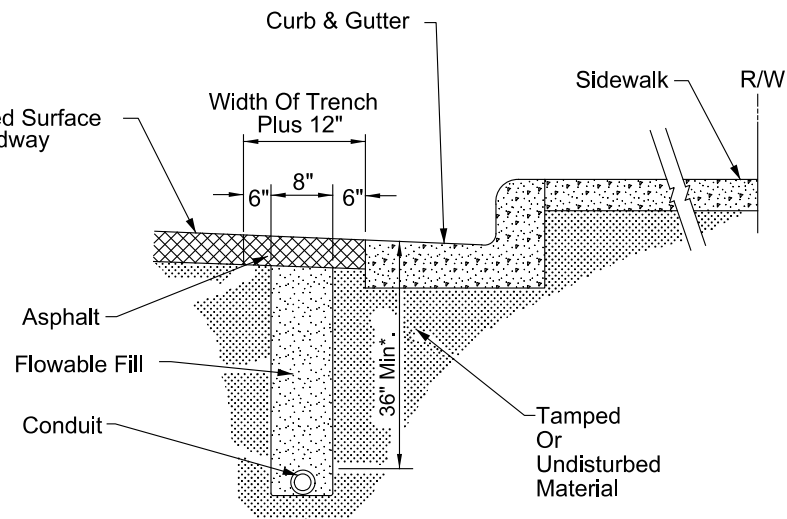


FOR USE IN AREAS NOT EXPOSED TO VEHICULAR TRAFFIC

FIGURE A

Notes:

1. Sidewalk patches to match existing joints.
2. Entire sidewalk slab must be replaced when specified in the plans.
3. Backfill and tamp with material from trench except at driveways. At driveways, backfill a length of trench within the driveway entirely with Flowable Fill.
4. Remove and replace additional pavement within 6" of trench.

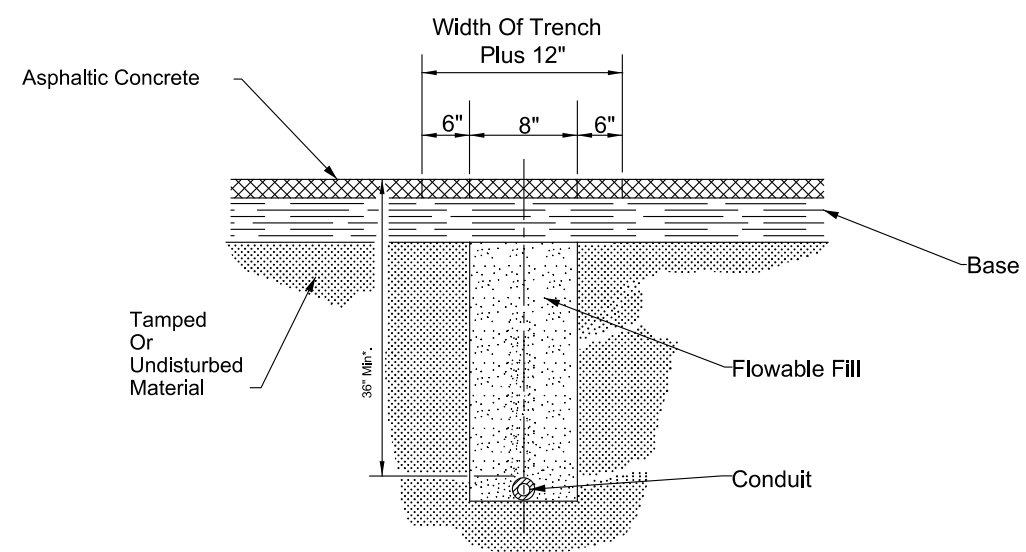


FOR USE IN ASPHALT ROADWAY ADJACENT TO GUTTER WHEN PLACEMENT OUTSIDE OF THE PAVEMENT IS NOT FEASIBLE.

FIGURE B

Notes:

1. Trench not to be open more than 250' at a time when construction area is subject to vehicular or pedestrian traffic.
2. Asphalt to be sawcut to leave neat lines at the pavement cut.

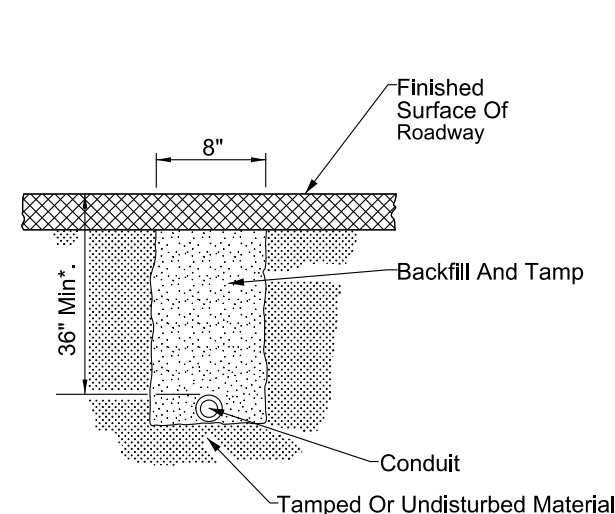


FOR USE IN INSTALLING CONDUIT UNDER EXISTING ASPHALT PAVEMENT NOT ADJACENT TO GUTTER WHEN JACKING OR DIRECT BORING IS NOT FEASIBLE

FIGURE C

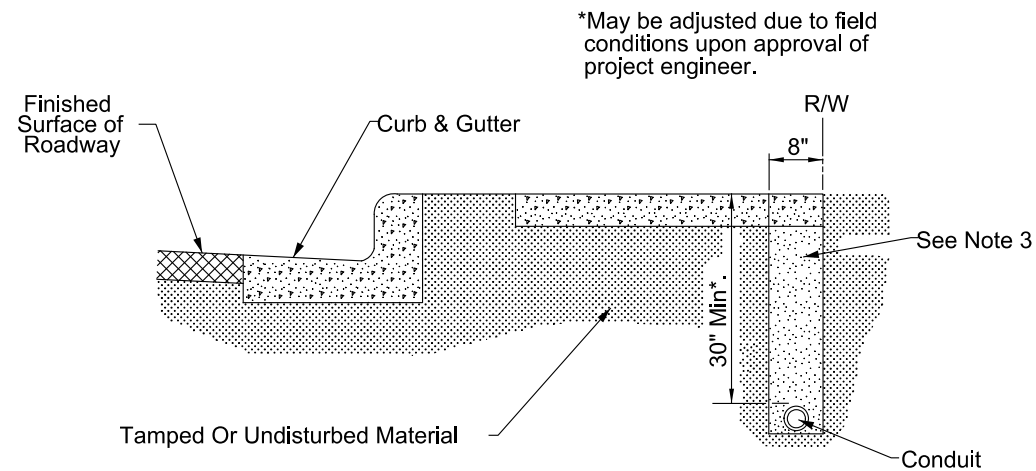
Notes:

1. Rigid conduit must be used when jacking under existing pavement at 36" minimum depth.
2. Asphalt to be sawcut at the edges of the trench.



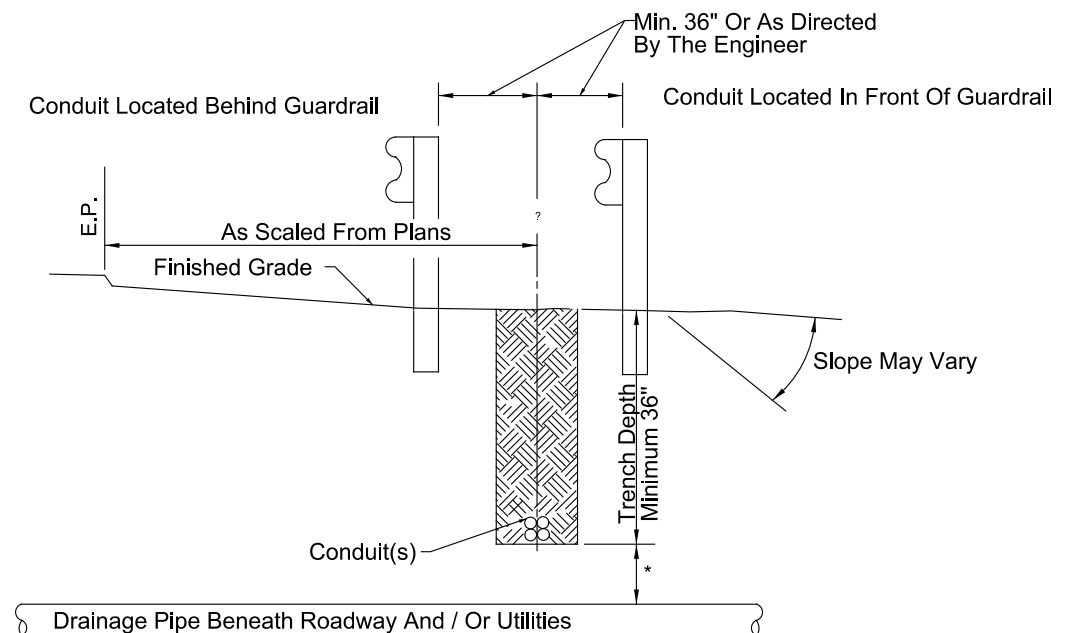
FOR USE INSTALLING CONDUIT UNDER A NEW ROADWAY PRIOR TO INSTALLATION OF BASE AND PAVEMENT

FIGURE D



FOR USE IN INSTALLING CONDUIT UNDER SIDEWALK

FIGURE E



*Maintain 12" Minimum Vertical Clearance When Crossing Over Pipe And / Or Utilities. If Minimum Vertical Clearance Cannot Be Maintained, Then Conduit Is To Be Routed Under Pipe Maintaining 12" Minimum Vertical Clearance.

FIGURE F

LATEST REVISION

03/31/17

DESCRIPTION:

TRAFFIC CONTROL EQUIPMENT STANDARDS AND SPECIFICATIONS



DTPW TRAFFIC SIGNALS AND SIGNS DIVISION

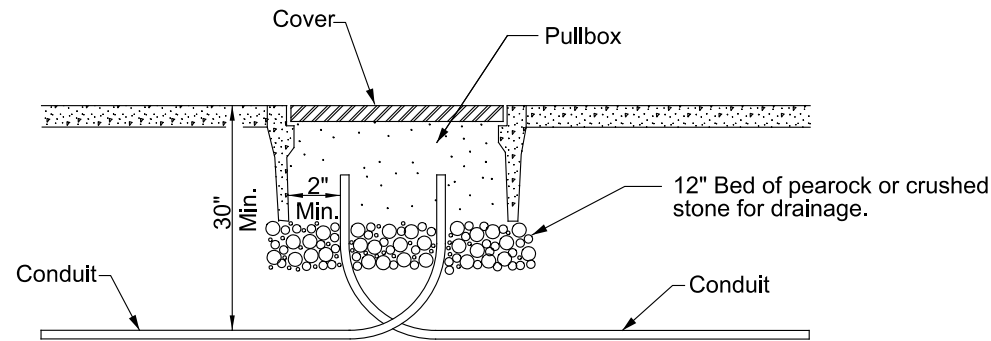
7100 NW 36TH STREET
MIAMI, FLORIDA 33166
305.592.3580

NAME	DATE
DRAWN BY: TRAVIS BREWER	12-09-16
CHECKED BY: NAHUM FERNANDEZ	03-22-17
APPROVED BY: FRANK AIRA, P.E.	

CONDUIT INSTALLATION DETAILS (N.T.S.)

SHEET NO.

1 of 2

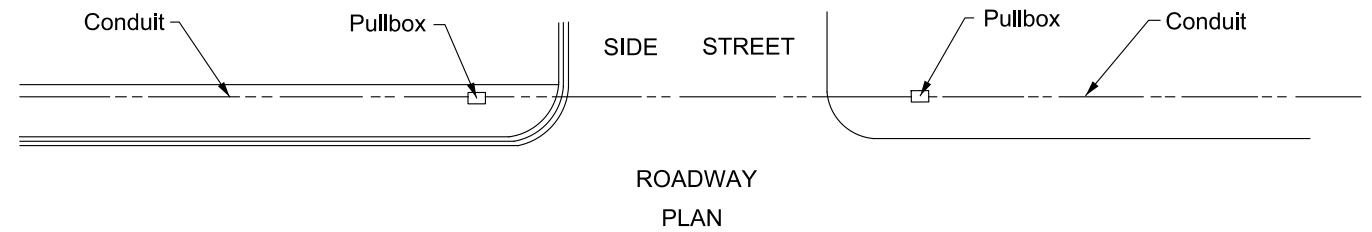


PULLBOX ENTRY OF CONDUIT UNDER SIDEWALKS

FIGURE G

Note:

Ends of conduit shall be sealed in accordance with Section 630 of the FDOT Standard Specifications for Road and Bridge Construction, and the Miami-Dade County Traffic Control Equipment Standards and Specifications.



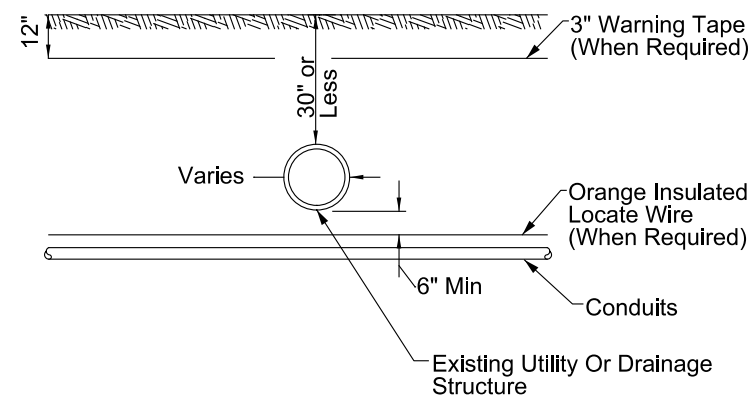
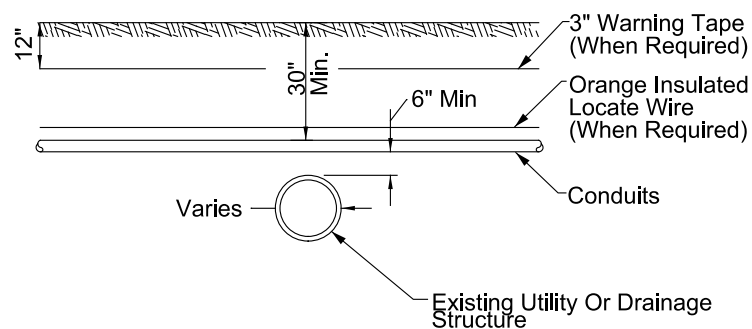
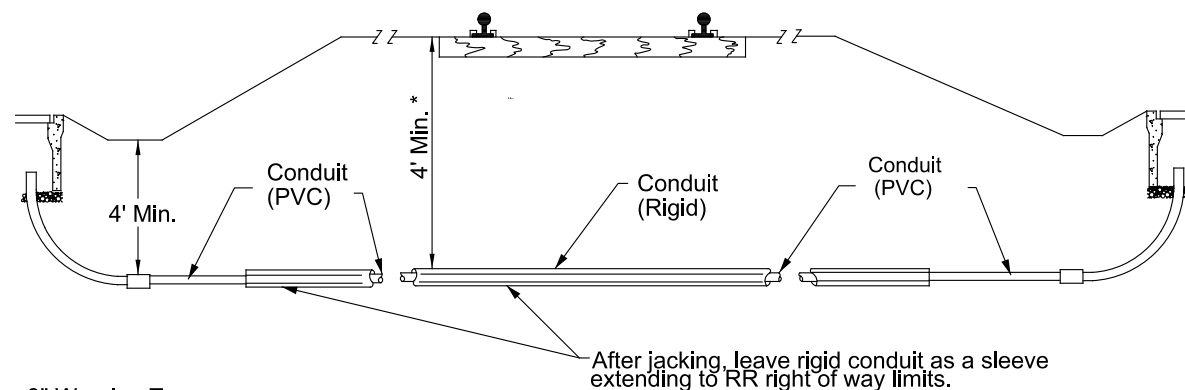
UNDER SIDEWALK

UNDER ROADWAY SECTION

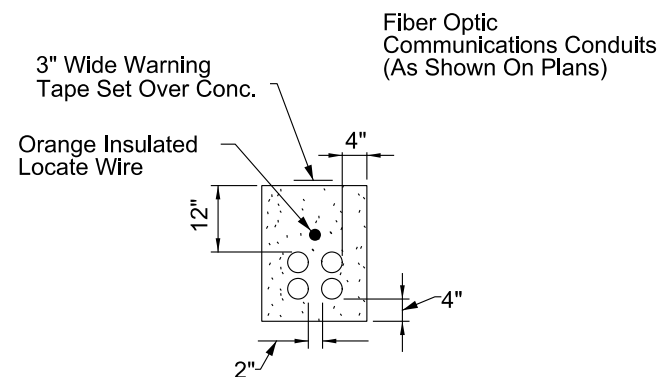
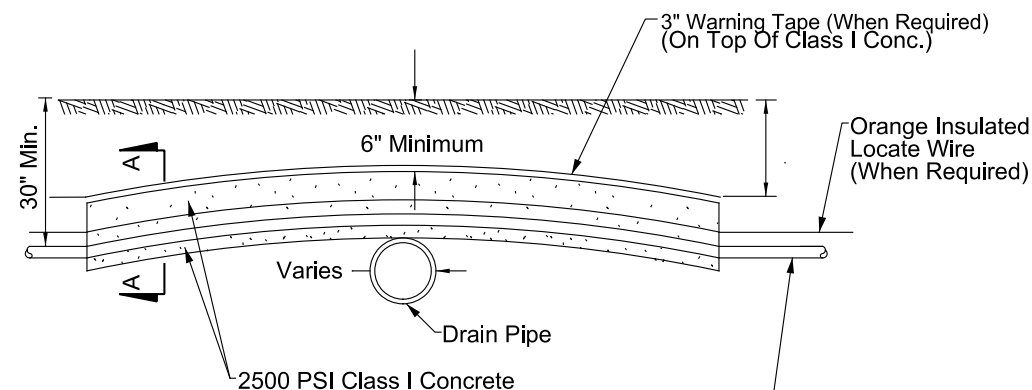
UNDER NONTRAFFIC BEARING SURFACE

FIGURE H

FIGURE I
FOR USE UNDER RAILROADS



CONDUIT INSTALLATION DETAILS ACROSS EXISTING DRAIN PIPES OR UTILITIES

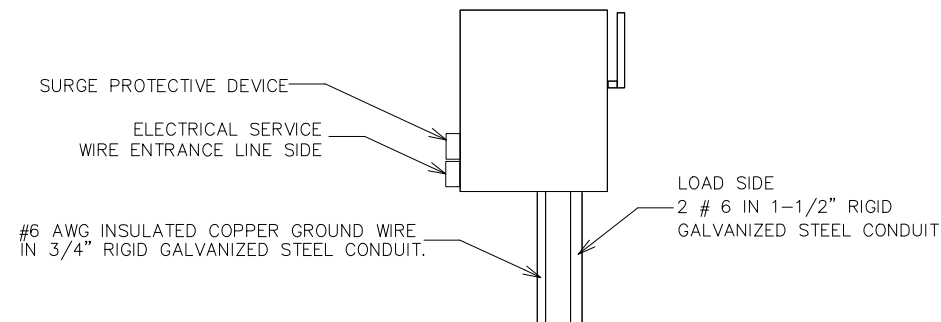
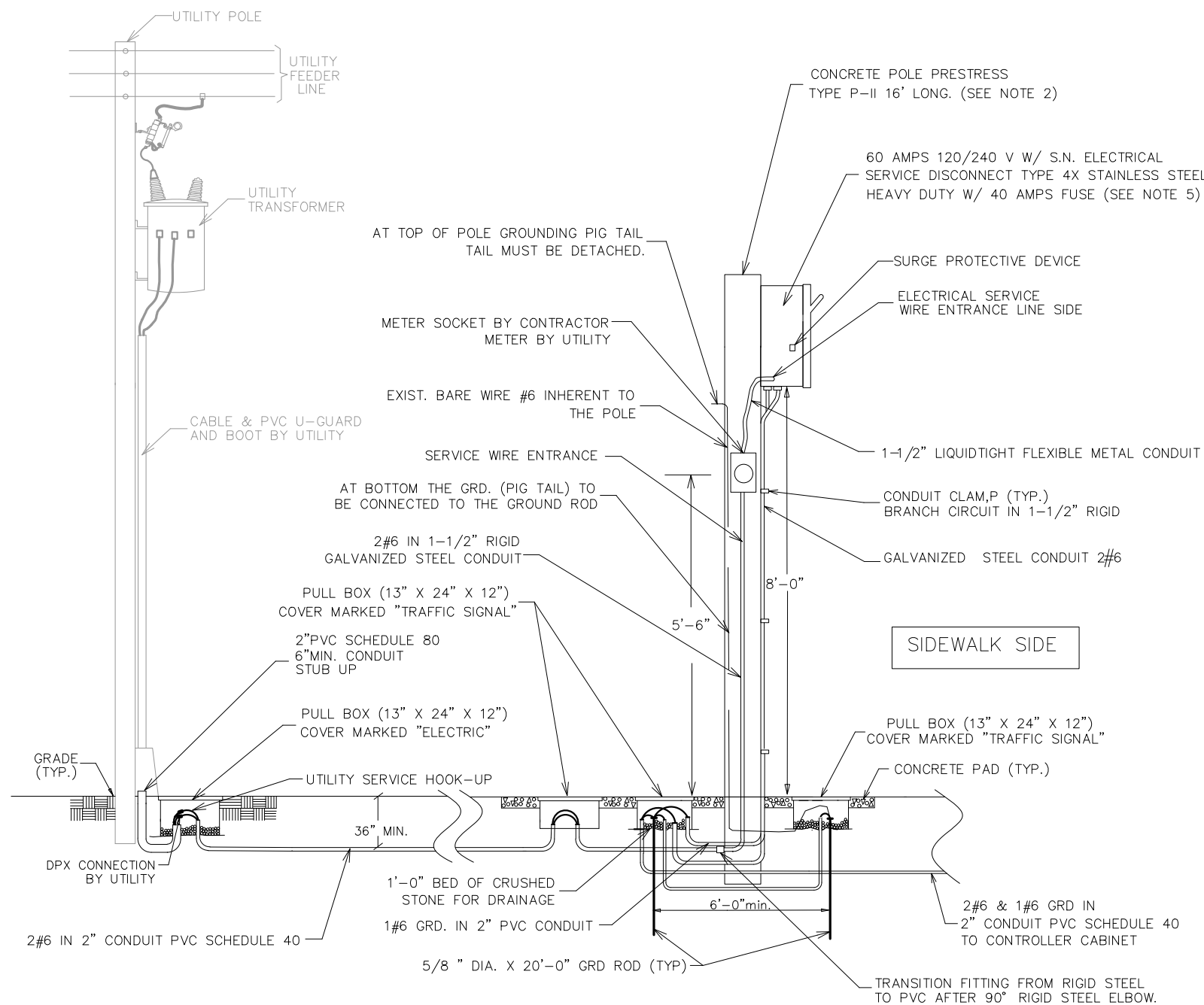


SECTION AA

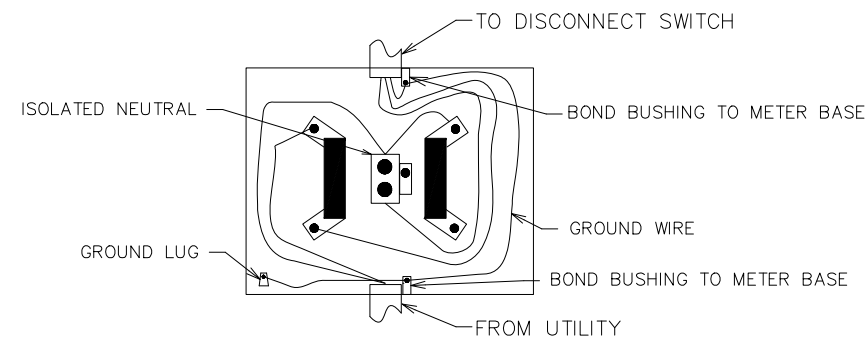
GENERAL NOTES:

1. MEET THE REQUIREMENTS OF MIAMI-DADE COUNTY TRAFFIC CONTROL EQUIPMENT STANDARDS AND SPECIFICATIONS SECTION 630 (CONDUIT).
2. THE CONTRACTOR, WITH APPROVAL FROM THE ENGINEER, MAY ADJUST THE FINAL BURIAL DEPTH OF THE CONDUIT(S) IN ORDER TO TRANSVERSE NONMOVABLE OBJECT CONFLICTS.
3. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT THE SOIL UNTIL FIRM AND UNYIELDING. REMOVE ROCK AND DEBRIS FROM BACKFILL MATERIAL.
4. WHERE CONDUITS ARE TO BE INSTALLED OVER EXISTING UNDERGROUND STRUCTURES (E.G., DRAIN PIPES OR UTILITY LINES) WHICH ARE LESS THAN 30" DEEP, THE CONTRACTOR SHALL ENCASE THE CONDUIT IN 2500 PSI CLASS I CONCRETE FOR THE ENTIRE LENGTH OF CONDUIT THAT IS INSTALLED AT A DEPTH OF LESS THAN 30".
5. IF THE AMOUNT OF COVER OVER THE ENCASEMENT IS LESS THAN 6", THE CONTRACTOR SHALL INSTALL THE CONDUIT TO PASS BELOW THE UNDERGROUND STRUCTURES (E.G., DRAIN PIPES).

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SERVICE DISCONNECT DETAIL
FRONT VIEW



METER SOCKET DETAIL

NOTES

1. CONTRACTOR MUST COORDINATE WITH ELECTRICAL POWER COMPANY (UTILITY) ENGINEERS FOR THE INSTALLATION OF THE UTILITY RISER.
2. STRUCTURAL CALCULATIONS OF THE POLE INSTALLATION, SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER, MAY BE REQUIRED.
3. INTERCONNECT ALL GROUNDING ELECTRODES USING #6 GROUNDING CONDUCTOR.
4. PROVIDE SUPPLEMENTARY GROUNDING ELECTRODE SPACED AT A MINIMUM OF 6FT APART.
5. SERVICE DISCONNECT MUST BE RATED FOR SERVICE ENTRANCE. LABEL MUST BE FACTORY INSTALLED.
6. SERVICE DISCONNECT TO BE ORIENTED ON CONCRETE POLE SO ITS FACING THE SIDEWALK.
7. METER TO BE ORIENTED ON SIDE OF CONCRETE POLE SO WHEN READING IT YOU ARE FACING ON-COMING TRAFFIC.
8. PROVIDE 2 FEET OF COILED TERMINATION OF CONDUCTOR IN THE PULLBOX MARKED "ELECTRIC".
9. TERMINATE CONDUITS IN METER SOCKET AND SERVICE DISCONNECT WITH INSULATED GROUNDING BUSHING WITH SOLDERLESS LUG.

LATEST
REVISION
02/25/21

DESCRIPTION:

TRAFFIC CONTROL EQUIPMENT
STANDARDS AND SPECIFICATIONS



TRAFFIC SIGNALS AND SIGNS DIVISION
7100 NW 36th STREET
MIAMI, FLORIDA 33166
305.592.3580

	NAME	DATE
DRAWN BY	HECTOR SANCHEZ	02-13-20
CHECKED BY	NAHUM FERNANDEZ	02-13-20
APPROVED BY:	FRANK AIRA, P.E.	

ELECTRICAL POWER SERVICE ASSEMBLY
TYPICAL DETAILS (N.T.S.)

SHEET
NO.
639-5