

**RESOLUTION No. 20-111**

**A RESOLUTION OF THE MAYOR AND THE CITY COUNCIL OF THE CITY OF DORAL, FLORIDA, AUTHORIZING THE CITY MANAGER TO ENTER INTO AN INTERLOCAL AGREEMENT/COVENANT RUNNING WITH THE LAND BETWEEN THE CITY OF DORAL AND MIAMI-DADE COUNTY TO OBTAIN THE COUNTY'S FINAL APPROVAL FOR THE SECTION 7 TRAFFIC CALMING IMPROVEMENTS; AUTHORIZING THE CITY MANAGER TO EXECUTE THE AGREEMENT; AND PROVIDING FOR AN EFFECTIVE DATE**

**WHEREAS**, the City of Doral Public Works Department (PWD) secured the services of BCC Engineering, Inc. in 2014 to perform a Traffic Calming Study within Section 7; and

**WHEREAS**, as per the recommendation in the final traffic calming study report submitted by BCC Engineering, the City proceeded with the procurement of a firm for the design services of the traffic calming improvements that are within City Right-of-Way; and

**WHEREAS**, in August 2019, the City Council approved Resolution 19-194 for the design services of the Section 7 Traffic Calming Improvements; and

**WHEREAS**, the design is substantially complete and Miami-Dade County approval is pending the execution of the interlocal agreement between the City and Miami-Dade County; and

**WHEREAS**, in order to proceed with the final approval and construction of the Section 7 Traffic Calming Improvements the City will need to execute the attached Interlocal Agreement.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY  
OF DORAL AS FOLLOWS:**

**Section 1. Recitals.** The above recitals are confirmed, adopted, and incorporated herein and made part hereof by this reference.

**Section 2. Approval.** The Interlocal Agreement/Covenant Running with the Land for Section 7 Traffic Calming Improvements, attached hereto as Exhibit "A", is hereby approved.

**Section 3. Authorization.** The City Manager is authorized to execute the Interlocal Agreement.

**Section 4. Implementation.** The City Manager and the City Attorney are hereby authorized to take such further action as may be necessary to implement the purpose and the provisions of this Resolution.

**Section 5. Effective Date.** This Resolution shall take effect immediately upon adoption.

The foregoing Resolution was offered by Councilmember Mariaca who moved its adoption. The motion was seconded by Councilmember Cabral and upon being put to a vote, the vote was as follows:

Mayor Juan Carlos Bermudez	Yes
Vice Mayor Christi Fraga	Yes
Councilwoman Digna Cabral	Yes
Councilman Pete Cabrera	Yes
Councilwoman Claudia Mariaca	Yes

PASSED AND ADOPTED this 10 day of June, 2020.

  
\_\_\_\_\_  
JUAN CARLOS BERMUDEZ, MAYOR

ATTEST:

  
\_\_\_\_\_  
CONNIE DIAZ, MMC  
CITY CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY  
FOR THE USE AND RELIANCE OF THE CITY OF DORAL ONLY:

  
\_\_\_\_\_  
LUIS FIGUEREDO, ESQ.  
CITY ATTORNEY

# EXHIBIT “A”

**Exhibit "B"**

**COVENANT RUNNING WITH THE LAND**

**THIS COVENANT**, made and entered this \_\_\_ day of \_\_\_\_\_, A.D. 2020, by and between **The City of Doral** hereinafter referred to as "City", and **MIAMI DADE COUNTY**, a political subdivision of the State of Florida, and its successors in interest, whose Post Office address is 111 NW 1st Street, Miami Florida 33128-1970, hereinafter referred to as "County",

**WITNESSETH:**

**WHEREAS**, the City has requested via a permit application to install traffic calming improvements (the "improvements"), as further depicted in Exhibit "C", in the City-owned area legally described as follows:

**See Exhibit "A" (The "Property")**

**NOW THEREFORE**, in consideration of \$1.00 and other good and valuable consideration, paid in hand by the City unto the County, and in further consideration of the mutual terms, covenants and conditions contained herein the parties hereto agree as follows:

1. The above recital is true and correct, and incorporated herein.
2. The Improvements, if constructed on the Property as shown on Exhibit "C" will remain perpetually open for the benefit of the public.
3. The City agrees to indemnify, defend and save harmless the County and the County's officials, employees and agents from and against any and all claims, actions, proceedings, damages, losses, liabilities, costs and expenses (including without limitation reasonable attorney's fees and costs of suit incurred in connection with such claims), arising out of , or resulting from, the injury to or the death of any person, or damage to the property of any person, occurring in or upon the Property.
4. The City does hereby agree it is responsible, at its sole cost and expense, for the maintenance of the Property. The City shall maintain the Property in a safe and clean manner.
5. The City agrees that no improvement or article shall be constructed within the Property without written approval by the Director of the Department of Transportation and Public Works (DTPW). No improvement or structure shall be permitted which is inconsistent with or impedes the appropriate movement of traffic, the safe and convenient transportation of people, or that causes any distraction to drivers or is otherwise hazardous to pedestrians or traffic flow, to be determined in the sole discretion of DTPW.
6. The undersigned further agrees that these conditions shall be deemed a covenant running with the land and shall remain in full force and effect and be binding on the undersigned, until such time as this obligation has been cancelled by an affidavit filed in the Public Records of Miami-Dade County, Florida by the Director of the Department of Transportation and Public Works (or his/her fully authorized representative).

\_\_\_\_\_  
City Manager

\_\_\_\_\_  
City Attorney

\_\_\_\_\_  
City Clerk

\_\_\_\_\_  
Miami-Dade County  
Department of Transportation and Public Works  
Department Director

The foregoing was accepted and approved on the \_\_\_\_ day of \_\_\_\_\_ A.D. 2020, by Resolution **No.**  
**R-**\_\_\_\_\_ of the Board of County Commissioners of Miami-Dade County, Florida

\_\_\_\_\_  
Mayor or Mayor's Designee

**ATTEST: HARVEY RUVIN,**  
Clerk of said Board

Approved as to form and legal sufficiency

By: \_\_\_\_\_  
Deputy Clerk

\_\_\_\_\_  
Assistant County Attorney



# CITY OF DORAL



## TRAFFIC CALMING IMPROVEMENTS: SECTION 7 ROADWAY PLANS

### INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SUMMARY OF QUANTITIES
3 - 4	GENERAL NOTES
5 - 6	ROADWAY PLAN

**SEG. 1 END PROJECT  
STA. 13+61.00**

**☒ SURVEY NW 114th CT**

**SEG. 1 BEGIN PROJECT  
STA. 11+39.00**

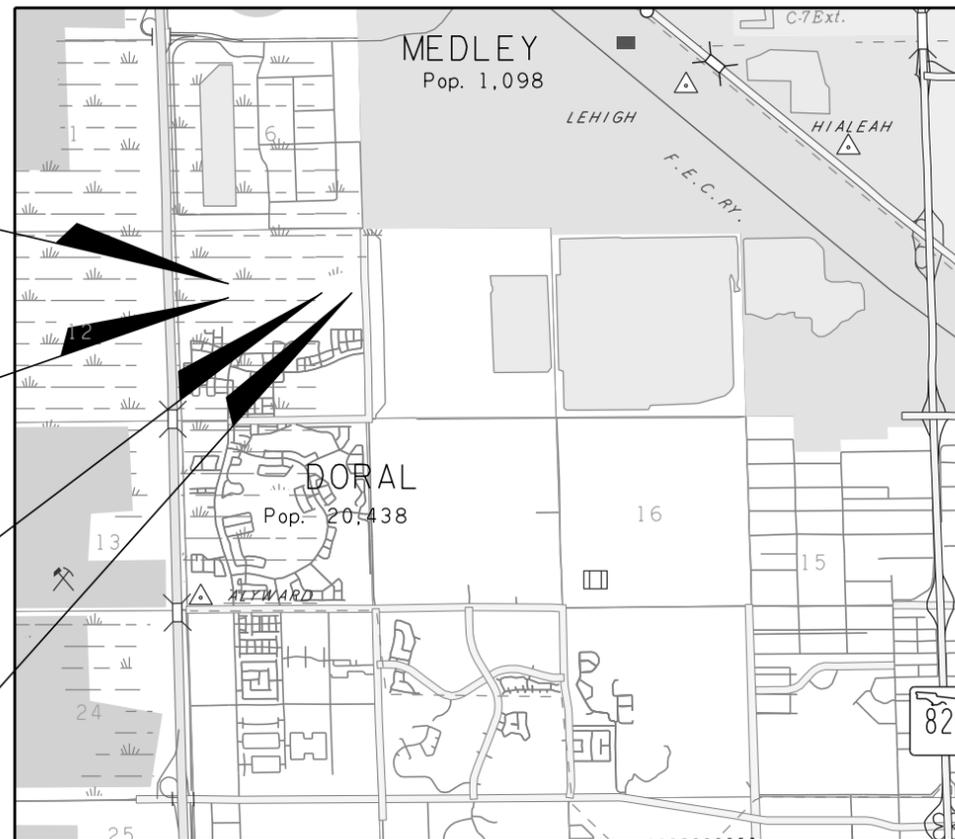
**☒ SURVEY NW 114th CT**

**SEG. 2 BEGIN PROJECT  
STA. 12+39.00**

**☒ SURVEY NW 86th ST**

**END PROJECT  
SEG. 2 STA. 14+61.00**

**☒ SURVEY NW 86th ST**



### CITY COUNCIL

MAYOR  
JUAN CARLOS BERMUDEZ

VICE MAYOR  
CHRISTI FRAGA

COUNCILWOMAN  
DIGNA CABRAL

COUNCILMAN  
PETE CABRERA

COUNCILWOMAN  
CLAUDIA MARIACA

PUBLIC WORKS DIRECTOR  
CARLOS ARROYO

PROJECT MANAGER  
EUGENE COLLINGS-BONFILL, P.E.

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

### LENGTH OF PROJECT

	SEGMENT 1		SEGMENT 2		TOTAL	
	LF	MILES	LF	MILES	LF	MILES
ROADWAY	260	0.049	260	0.049	520	0.980
EXCEPTIONS						
GROSS LENGTH OF PROJECT	260	0.049	260	0.049	520	0.980
EXCEPTIONS						
NET LENGTH OF JOB	260	0.049	260	0.049	520	0.980

PLANS PREPARED FOR

CITY OF DORAL

BY

ENGINEER OF RECORD:

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION, STANDARD PLANS 2019-2020, AND SPECIFICATIONS JULY 2019, FOR ROAD AND BRIDGE CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS AS AMENDED BY CONTRACT DOCUMENTS, MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT STANDARDS AND SPECIFICATIONS PART 1, 2, AND 3. THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENTS - HIGHWAY DIVISION STANDARD DETAILS.



MANUEL A. SAULEDA, P.E.  
P.E. NO.: 45988  
8750 N.W. 36TH STREET, SUITE 360  
MIAMI, FLORIDA 33178  
TEL: (305) 503-9873; FAX: (305) 503-9882  
FBPR CERTIFICATE OF AUTH. #894

MANUEL A. SAULEDA  
FLORIDA REGISTRATION P.E., NO. 45988

SHEET  
NO.

1

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



**GENERAL NOTES**

1. GENERAL NOTES ON THE PROJECT PLANS AND DRAWINGS ARE SOLELY TO AID AND ASSIST THE CONTRACTOR WITH THE FIELD OPERATIONS FOR THIS PROJECT. SAID GENERAL NOTES MAY NOT FULLY DESCRIBE ALL OF THE REQUIREMENTS FOR AN ITEM. THEREFORE, THE CONTRACTOR SHALL READ AND VERIFY THE CONTRACT DOCUMENTS, INCLUDING BUT NOT LIMITED TO THE PLANS, SPECIFICATIONS, GENERAL TERMS AND CONDITIONS, AND ANY SUPPLEMENTAL TERMS AND CONDITIONS, TO FULLY UNDERSTAND AND COMPLY WITH ALL THE REQUIREMENTS THEREIN.
2. THE INFORMATION PROVIDED ON THE PLANS IS BASED ON THE BEST AVAILABLE INFORMATION AND SHOULD BE CONSIDERED APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING ANY AND ALL INVESTIGATIONS DEEMED NECESSARY TO CONFIRM OR VERIFY ACTUAL FIELD CONDITIONS PRIOR TO BIDDING. ANY IDENTIFIED DISCREPANCIES SHALL BE REPORTED TO THE CITY OF DORAL AND THE ENGINEER OF RECORD PRIOR TO CONSTRUCTION COMMENCEMENT.
3. REFER TO THE SURVEY PREPARED BY HADONNE CORP. FOR HORIZONTAL AND VERTICAL CONTROL. ALL ELEVATIONS SHOWN WITH THE PROJECT PLANS REFER TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 1929).
4. ALL PUBLIC LAND CORNERS AND PRIMARY NETWORK CONTROL SURVEY MONUMENTS ARE TO BE PROTECTED BY THE CONTRACTOR. CORNERS AND MONUMENTS WITHIN THE WORK ZONE 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 THE BEGINNING OF WORK. UPON PROJECT COMPLETION, THE CONTRACTOR SHALL RESTORE ALL SUCH CORNERS AND MONUMENTS AND SHALL FURNISH TO THE CITY OF DORAL PUBLIC WORKS DEPARTMENT A SIGNED AND SEALED COPY OF THE LAND SURVEYOR'S REFERENCE DRAWING.
5. ANY NGVD 1929 BENCHMARK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION ARE 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 PROJECT SITE. IF ANY MONUMENT IS IN DANGER OF DAMAGE, THE PROJECT ENGINEER SHALL NOTIFY DENIS RIORDAN FLORIDA STATE GEODETIC ADVISOR NOAA/NOS/NGS TELEPHONE (240) 678-2107.
6. SECTION 5-3: CONFORMITY OF WORK WITH CONTRACT DOCUMENTS, WITHIN DIVISION 1, OF THE FDOT STANDARD SPECIFICATIONS SHALL BE REVISED TO REQUIRE THAT ALL FINISHED GRADES (FOR BASE AND SURFACE COURSES) VARY NO MORE THAN 0.05 FEET FROM THE GRADES SHOWN IN THE PLANS.
7. ALL EXCESS MATERIAL AS DESIGNATED BY THE ENGINEER IS TO BE DISPOSED BY THE CONTRACTOR IN AREAS PROVIDED BY HIM ON A DAILY BASIS AND IN A LEGAL MANNER AT THE CONTRACTOR'S EXPENSE. ACCUMULATION OF DEBRIS OR STOCKPILING OF MATERIAL WITHIN THE PROJECT LIMITS WILL NOT BE ALLOWED. ALL EXCAVATED MATERIAL SHALL BE TESTED FOR CONTAMINANTS PRIOR TO OFF-SITE DISPOSAL.
8. THE CONTRACTOR SHALL SECURE THE WORK SITE TO PROTECT THE PUBLIC HEALTH AND WELFARE.
9. THE CONTRACTOR SHALL VERIFY, PHOTOGRAPH AND INVENTORY THE EXACT LOCATIONS OF EXISTING LANDSCAPING, STRUCTURES, PAVEMENT, FENCING OR OTHER FEATURES IN PROXIMITY TO THE WORK ZONE WHICH MAY BE IMPACTED. ANY EXISTING FEATURE OUTSIDE OF THE PROJECT LIMITS WHICH IS DAMAGED, EXPOSED OR IN ANY WAY DISTURBED BY THE CONSTRUCTION OF THIS PROJECT SHALL BE RESTORED PROMPTLY TO ITS ORIGINAL CONDITIONS BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CITY OF DORAL.
10. THE CONTRACTOR SHALL RESTORE ALL EXISTING SODDED AREAS OF THE PROJECT WHICH ARE DISTURBED BY THE CONSTRUCTION ACTIVITIES TO THEIR EXISTING CONDITIONS AT NO ADDITIONAL COST TO THE CITY OF DORAL.
11. ALL CONSTRUCTION LAYOUT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
12. THE CONTRACTOR SHALL PAINT VISIBLE STATION MARKS WITH STENCILED NUMBERS AS FOLLOWS:  
 A. WHERE THE EXISTING CURB IS "TO REMAIN", PAINTED ON THE FACE OF CURB FROM THE BEGINNING OF THE PROJECT.  
 B. AT NEW CURB LOCATIONS, PAINTED ON THE FACE OF CURB NO LATER THAN 72 HOURS FROM BEING POURED.  
 C. WHERE CURB DOES NOT EXIST AND IS NOT PROPOSED, THE CONTRACTOR SHALL MAINTAIN VISIBLE STATIONING WITH SURVEYING STAKES.
13. THE CONTRACTOR SHALL NOTIFY THE CITY AND ADJACENT PROPERTY OWNERS IN WRITING AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A PROPER STAGING AREA. THE LOCATION OF THIS STAGING AREA SHALL BE APPROVED BY THE CITY.
15. ANY MATERIAL TO BE STOCKPILED FOR PERIODS GREATER THAN 24 HOURS SHALL BE PROTECTED BY THE APPROPRIATE EROSION CONTROL DEVICES.
16. THE CONTRACTOR SHALL BE RESPONSIBLE TO SATISFY ALL REQUIREMENTS OF ANY REGULATORY AGENCY PERMIT IN REGARDS TO CONSTRUCTION ACTIVITIES AND RELATED CONDITIONS PRIOR TO THE START OF CONSTRUCTION.
17. THE CONTRACTOR SHALL MAINTAIN SAFE PEDESTRIAN AND VEHICULAR ACCESS TO ALL ADJACENT PROPERTIES. THE LEVEL OF ACCESS REQUIRED FOR THE ADJACENT PROPERTIES SHALL BE COORDINATED BY THE CONTRACTOR WITH THE CITY OF DORAL.
18. THE CONTRACTOR SHALL NOT ENCROACH INTO PRIVATE PROPERTY WITH PERSONNEL, MATERIAL, AND/OR EQUIPMENT. ALL PROPOSED WORK SHALL BE PERFORMED WITHIN THE LIMITS OF THE EXISTING STATE/LOCAL RIGHT-OF-WAY, AND ALL IMPROVEMENTS SHALL BE CONSTRUCTED AND INSTALLED WITHIN SAID LIMITS, UNLESS OTHERWISE DIRECTED BY THE CITY OF DORAL.
19. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD IN WRITING IMMEDIATELY IF ANY CONFLICT ARISES DURING CONSTRUCTION FOR ANY OF THE IMPROVEMENTS SHOWN IN THE PROJECT PLANS.

20. THE CONTRACTOR SHALL USE A STREET SWEEPER (USING WATER) OR OTHER EQUIPMENT CAPABLE OF CONTROLLING AND REMOVING DUST. APPROVAL OF THE USE OF SUCH EQUIPMENT IS CONTINGENT UPON ITS DEMONSTRATED ABILITY TO DO THE WORK.
21. IF SHEETING, SHORING, OR DEWATERING (INCLUDING WELL POINTS IF 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. ASSOCIATED COSTS FOR THIS WORK SHALL BE INCLUDED IN THE RELATED BID ITEM FOR THE TYPE OF WORK BEING DONE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE MAINTENANCE OF TRAFFIC PAY ITEM.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A DEWATERING PERMIT IN THE EVENT IT IS REQUIRED. COST OF PERMIT AND DEWATERING ACTIVITY SHALL BE INCLUDED IN THE RELATED BID ITEM FOR THE WORK BEING DONE. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR DISCHARGE DEWATERING EFFLUENT INTO THE EXISTING DRAINAGE SYSTEM.
23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) AN NPDES NOI AND OBTAINING AN NPDES CONSTRUCTION GENERAL PERMIT (CGP).
24. THE CONTRACTOR SHALL REMOVE ALL SEDIMENT BARRIERS AND ROCK BAGS AT THE COMPLETION OF THE PROJECT.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF STORMWATER FROM THE ROADWAY WITHIN THE PROJECT LIMITS AND BE IN COMPLIANCE WITH NPDES AND OTHER PERMIT REQUIREMENTS. PROVISIONS SHALL BE SUBMITTED TO THE CITY OF DORAL FOR APPROVAL BEFORE USE. THIS COST SHALL BE INCLUDED IN THE MAINTENANCE OF TRAFFIC PAY ITEM.
26. SAW-CUTTING OF THE EXISTING SIDEWALKS SHALL BE MADE ONLY AT THE NEAREST FLAG JOINTS.
27. THE CONTRACTOR SHALL ASSIST THE CITY WITH THE HANDLING OF PUBLIC INFORMATION MATERIALS, INCLUDING CITIZEN NOTIFICATION LETTERS AND PROJECT CONSTRUCTION SIGNS, PRIOR TO THE START OF EACH SIGNIFICANT PHASE OF CONSTRUCTION. COST OF THIS WORK SHALL BE INCLUDED IN THE MAINTENANCE OF TRAFFIC PAY ITEM.
28. CLEARING & GRUBBING, GRADING, AND OTHER INCIDENTAL WORK NECESSARY FOR HARMONIZATION OUTSIDE OF THE R/W SHALL BE INCLUDED IN RELATED BID ITEMS.
29. THE CONTRACTOR SHALL TAKE PHOTOS OF THE EXISTING PAVEMENT MARKINGS PRIOR TO REMOVING THEM. ALL EXISTING PAVEMENT MARKINGS REMOVED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR.
30. THE CONTRACTOR SHALL INSTALL A PREFORMED EXPANSION JOINT WHEN PROPOSED SIDEWALK IMPROVEMENTS ARE IMMEDIATELY ADJACENT TO AN EXISTING CONCRETE SLAB AND/OR BUILDING.
31. ALL CONCRETE SHALL DEVELOP A MINIMUM OF 3000 PSI COMPRESSIVE STRENGTH AT 28 DAYS, UNLESS OTHERWISE NOTED.
32. WHERE TRENCHING EXCEEDS 5 FEET IN DEPTH, THE EXCAVATION SHALL COMPLY WITH THE TRENCH SAFETY ACT AND THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION'S (OSHA) TRENCH EXCAVATION SAFETY STANDARDS, 29 C.F.R. 1926.650 SUBPART B, INCLUDING ALL SUBSEQUENT REVISIONS OR UPDATES TO THESE STANDARDS AS ADOPTED BY THE DEPARTMENT OF LABOR AND EMPLOYMENT SECURITY (DLES). THE CONTRACTOR SHALL CONSIDER ALL AVAILABLE GEOTECHNICAL INFORMATION IN HIS DESIGN OF THE TRENCH EXCAVATION SAFETY SYSTEM.
33. NO TRENCHES OR HOLES NEAR WALKWAYS, IN ROADWAYS OR THEIR SHOULDERS ARE TO BE LEFT OPEN DURING INACTIVE CONSTRUCTION HOURS WITHOUT THE WRITTEN PERMISSION OF THE CITY OF DORAL.
34. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION SHALL BE DONE IN A SAFE MANNER AND IN STRICT COMPLIANCE WITH ALL THE REQUIREMENTS OF THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, AS WELL AS, ALL STATE AND LOCAL SAFETY AND HEALTH REGULATIONS.
35. THE CONTRACTOR SHOULD TAKE SPECIAL NOTE OF SOIL CONDITIONS THROUGHOUT THIS PROJECT. ANY SPECIAL SHORING, SHEETING, OR OTHER PROCEDURES NECESSARY TO PROTECT ADJACENT PROPERTIES (PUBLIC OR PRIVATE) OR EXISTING UTILITIES DURING EXCAVATION OR BACKFILLING ACTIVITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
36. THE CONTRACTOR SHALL BE ADVISED THAT OTHER PROJECTS MAY BE UNDER CONSTRUCTION CONCURRENTLY WITH THIS PROJECT AND THAT COORDINATION EFFORTS MAY BE NECESSARY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE CONSTRUCTION SCHEDULE AND INCLUDING THE AMOUNT OF COORDINATION WHICH MAY BE REQUIRED. ALL ASSOCIATED COSTS SHALL BE INCLUDED WITHIN THE CONTRACTOR'S BID.
37. REPLACE COMPLETE SIDEWALK FLAGS (NO PERMANENT PATCHING ALLOWED) PER FDOT INDEX 522-002
38. CONTRACTOR SHALL MAINTAIN MINIMUM PEDESTRIAN ACCESS ROUTE OF 48".
39. APPLY BITUMINOUS TACK COAT ON EXISTING PAVEMENT SURFACES AS PER FDOT STANDARD SPECIFICATIONS SECTION 300.

**SURVEYOR'S NOTES**

40. ELEVATIONS SHOWN ARE EXPRESSED IN US FEET AND REFER TO NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29).
41. BENCH MARK #M-105 LOCATOR NO. 3051 SW; ELEVATION IS 7.83 FEET OF N.G.V.D. OF 1929
42. BEARINGS AND COORDINATES ARE RELATIVE TO THE STATE PLANE COORDINATES, FLORIDA EAST ZONE NORTH AMERICAN DATUM (NAD 83/1990 HARN) ADJUSTMENTS.

REVISIONS				MANUEL A. SAULEDA, P.E. P.E. LICENSE NUMBER 45988 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894		SITE LOCATION  VARIOUS LOCATIONS		GENERAL NOTES	SHEET NO.  3
DATE	DESCRIPTION	DATE	DESCRIPTION						

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43. FIRM MAP NUMBER 12086C0257L, COMMUNITY 120041, PANEL 0257, SUFFIX L, FLOOD ZONE "AE", EL. 5 FEET. MAP REVISED 09/11/2009.  
FIRM MAP NUMBER 12086C0276L, COMMUNITY 120041, PANEL 0276, SUFFIX L, FLOOD ZONE "AH", EL. 5 FEET. MAP REVISED 09/11/2009.

44. IF BUS STOPS OR TROLLEY SERVICE IS IMPACTED, CONTACT MDT AND CITY OF DORAL TROLLEY MANAGER A WEEK PRIOR TO LANE CLOSURE.

45. ALL RESTORATION AND CLEAN UP MUST BE COMPLETED PRIOR TO CALLING FOR FINAL INSPECTIONS.

**DRAINAGE NOTES**

46. EXISTING DRAINAGE STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION SHALL REMAIN.

47. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL INSPECT ALL EXISTING DRAINAGE STRUCTURES WHICH ARE TO REMAIN AND NOTIFY THE CITY OF DORAL OF ANY STRUCTURAL DEFICIENCIES OBSERVED.

48. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EXISTING AND NEW DRAINAGE STRUCTURES/PIPES CLEAN AND FREE OF DEBRIS THROUGHOUT THE PROJECT DURATION. PRIOR TO THE SUBSTANTIAL COMPLETION WALKTHROUGH THE CONTRACTOR SHALL ENSURE THAT ALL EXISTING AND NEW DRAINAGE STRUCTURES/PIPE HAVE BEEN THOROUGHLY CLEANED OF ALL DEBRIS, SILT, SEDIMENT, VEGETATION, MILLING MATERIAL, ETC.

**UTILITY NOTES**

49. ALL EXISTING UTILITIES ARE TO REMAIN UNLESS OTHERWISE NOTED. ALL EXISTING UTILITIES SHALL BE MAINTAINED IN SERVICE DURING CONSTRUCTION UNLESS OTHERWISE APPROVED BY THE UTILITY OWNER.

50. THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD OR UNDERGROUND POWER LINES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH FPL ON ANY WORK IN THE VICINITY OF OVERHEAD OR UNDERGROUND POWER LINES. PROPER CLEARANCES SHALL BE VERIFIED PRIOR TO WORKING WITHIN THE VICINITY OF POWER LINES.

51. TWO FULL BUSINESS DAYS PRIOR TO DIGGING THE CONTRACTOR SHALL CALL SUNSHINE 811 AND THE UTILITY OWNER AND REQUEST UTILITY LOCATIONS. A CONTRACTOR'S REPRESENTATIVE MUST BE PRESENT WHEN UTILITY COMPANIES LOCATE THEIR FACILITIES.

52. TWO FULL BUSINESS DAYS PRIOR TO DIGGING THE CONTRACTOR SHALL NOTIFY THE CITY OF DORAL FOR COORDINATION PURPOSES.

53. 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 THE PLANS. THE CONTRACTOR MUST REQUEST THE LOCATION OF THESE LATERAL SERVICES FROM THE UTILITY COMPANIES. THE COST OF EXCAVATING, INSTALLING, BACKFILLING, AND COMPACTING AROUND THESE LATERAL SERVICES SHALL BE INCLUDED IN THE COST OF THE RELATED BID ITEM FOR THE WORK BEING DONE.

54. THE LOCATIONS AND SIZES OF UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND REVIEW OF CONSTRUCTION, OPERATING, OR AS-BUILT PLANS SUPPLIED BY THE VARIOUS UTILITY COMPANIES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE LOCATIONS HAVE NOT BEEN VERIFIED BY THE ENGINEER AND ARE OFFERED ONLY AS EVIDENCE OF THEIR PRESENCE. THE CONTRACTOR SHALL PERFORM SUBSURFACE UTILITY EXPLORATION/VVH TO VERIFY VERTICAL AND HORIZONTAL LOCATION OF ALL KNOWN UTILITIES PRIOR TO ANY UNDERGROUND WORK. ANY AND ALL CONFLICTS OF EXISTING UTILITIES WITH PROPOSED IMPROVEMENTS SHALL BE RESOLVED BY THE ENGINEER OF RECORD AND THE CITY OF DORAL. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES DUE TO CONTRACTOR'S CONSTRUCTION OPERATIONS. COST OF ALL UTILITY EXPLORATION AND VERIFICATION IS INCLUDED UNDER THE APPROPRIATE PAY ITEMS.

55. THE CONTRACTOR SHALL PROVIDE UNDERGROUND UTILITY OWNERS AND THE CITY OF DORAL WITH A SEVEN-DAY ADVANCE NOTICE OF ANY CONFLICT WITH PROPOSED CONSTRUCTION. THIS NOTIFICATION SHALL PROVIDE SURVEY INFORMATION ABOUT EXISTING UTILITY ALIGNMENT, GRADES AND POSSIBLE CONFLICTS. PAYMENT FOR PRE-TRENCHING, SURVEYING AND BACK-FILLING SHALL BE INCLUDED IN THE COST OF THE RELATED BID ITEM FOR THE WORK BEING DONE.

56. THE CONTRACTOR SHALL MAINTAIN WATER, SEWER, ELECTRICAL, GAS AND COMMUNICATION SERVICES TO ALL ADJACENT PROPERTIES AS APPLICABLE. ANY INTERRUPTIONS IN SERVICE SHALL BE RESTORED PRIOR TO THE END OF WORKING HOURS. PRIOR NOTICE OF THE IMPENDING INTERRUPTION SHALL BE GIVEN TO THE RESPECTIVE UTILITY OWNER, AS WELL AS, THE PROPERTY OWNERS AFFECTED.

57. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL UTILITY MARKINGS ONCE THE WORK IS COMPLETED. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN REMOVING THE UTILITY MARKINGS. THE REMOVAL METHOD NEEDS TO BE SUCH THAT IT DOES NOT DAMAGE THE SURFACES OF THE WORK ALREADY IN PLACE. IF HYDRO-BLASTING OLDER ASPHALT PAVEMENT, CARE NEEDS TO BE TAKEN TO NOT DISCOLOR THE ASPHALT OR POLISH THE AGGREGATE. IF THE REMOVALS ARE ON OLDER CONCRETE SURFACES, THE ENTIRE SURFACE OF A PANEL OR SECTION NEEDS TO BE BLASTED TO SHOW UNIFORM COLOR THROUGHOUT THAT SAME PANEL OR SECTION. IN ANY CASE (ASPHALT OR CONCRETE SURFACE), THE METHOD NEEDS TO BE SUCH THAT A SLICK SURFACE IS NOT LEFT BEHIND. FINAL PAYMENT TO THE CONTRACTOR MAY BE WITHHELD UNTIL THE UTILITY MARKS ARE PROPERLY REMOVED.

58. KNOWN UTILITY COMPANIES WITHIN THE PROJECT LIMITS INCLUDE, BUT ARE NOT LIMITED TO:

COMPANY	CONTACT	TELEPHONE NUMBERS
AT&T	JOSE SUAREZ	(305) 222-8247
COMCAST CABLE	LEONARD MAXWELL-NEUBOLD	(754) 221-1254
DADE COUNTY PUBLIC WORKS AND TRAFFIC	LISA PRIDEMORE	(786) 345-0991
FPL	OMAR VICHOT	(305) 599-4078
HOTWIRE COMMUNICATIONS	WALTER SANCHO-DAVILA	(954) 699-0900
MIAMI DADE WATER & SEWER	NELSON MARTINEZ	(786) 552-4425

**MOT / PERMITS NOTES**

59. CONTRACTOR SHALL PROVIDE MOT PLANS.

60. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FROM CITY OF DORAL AND MIAMI-DADE COUNTY.

**ENVIRONMENTAL NOTES**

61. IF EVIDENCE OF POTENTIAL CONTAMINATION IS DETECTED DURING EXCAVATION, THE CONTRACTOR SHALL STOP ALL EXCAVATION WORK AND NOTIFY THE CITY OF DORAL. EVIDENCE OF POTENTIAL CONTAMINATION MAY INCLUDE ANY OF THE FOLLOWING: 1. ODOR 2. SOLID WASTE DEBRIS 3. SHEEN ON THE GROUNDWATER 4. STAINED OR SATURATED SOIL (SOIL THAT CONTAINS PRODUCT THAT DRAINS WHEN IT IS HANDLED OR CREATES STREAKS ON EXCAVATION TOOLS) OR 5. FREE FLOATING PRODUCT ON THE GROUNDWATER (OIL, DIESEL, GASOLINE, ETC.). MATERIAL THAT HAS ODOR, IS STAINED, OR IS SATURATED MUST BE SEGREGATED ON AN IMPERMEABLE SURFACE FOR APPROPRIATE FUTURE DISPOSAL.

62. ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL(S) FOUND ON THE PROJECT SITE BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE CITY OF DORAL. THE CONTRACTOR SHALL TREAT/DISPOSE OF SUCH MATERIAL APPROPRIATELY AS REQUIRED BY ALL REGULATORY REQUIREMENTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL FOLLOW ALL APPLICABLE PERMIT REQUIREMENTS FOR TREATMENT/DISPOSAL OF ANY SUCH MATERIAL(S). THIS COST SHALL BE INCLUDED IN THE RELATED BID ITEM FOR THE WORK BEING DONE.

63. THE CONTRACTOR SHALL NOT REMOVE, RELOCATE OR PRUNE ANY TREES WITHOUT PRIOR APPROVAL FROM THE CITY OF DORAL. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FROM THE CITY OF DORAL PRIOR TO ANY TREE REMOVAL/RELOCATION.

64. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER IMPLEMENTATION OF THE "STANDARD PROTECTION MEASURES FOR THE EASTERN INDIGO SNAKE" (USFWS, 2013) THROUGHOUT THE ENTIRE DURATION OF CONSTRUCTION ACTIVITY.

**PRE-CONSTRUCTION RESPONSIBILITIES**

65. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND THE RECEIPT OF THE "NOTICE TO PROCEED", THE CONTRACTOR SHALL CONTACT THE CITY OF DORAL PUBLIC WORKS DEPARTMENT AND ARRANGE A PRE-CONSTRUCTION CONFERENCE TO INCLUDE THE ENGINEER OF RECORD. THE CONTRACTOR SHALL SUBMIT A CONSTRUCTION SCHEDULE AND BE PREPARED TO DISCUSS ANY CONCERNS OR COORDINATION EFFORTS AND REQUIREMENTS WITH THE PARTIES INVOLVED.

66. THE CONTRACTOR SHALL PREPARE AND SUBMIT TO THE CITY OF DORAL PUBLIC WORKS DEPARTMENT A STORM WATER POLLUTION PREVENTION PLAN ACCORDING TO THE LATEST FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL AND THE LATEST FDOT SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THE CONTRACTOR SHALL IMPLEMENT THE PLAN PRIOR AND DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.

67. THE CONTRACTOR SHALL CONTACT FPL 3 WEEKS IN ADVANCE OF THE START OF CONSTRUCTION TO COORDINATE LOCATION OF THE FPL SERVICE POINT SHOWN ON PLAN. CONTACT MR. OMAR VICHOT AT 305-599-4078, EMAIL: OMAR.VICHOT@FPL.COM

68. THE CONTRACTOR SHALL CONTACT AT&T 3 WEEKS IN ADVANCE OF THE START OF CONSTRUCTION TO COORDINATE LOCATION OF THE AT&T SERVICE POINT SHOWN ON PLAN. CONTACT MR. WILLIAM CHUNG AT 305-222-8234, EMAIL: WC0915@ATT.COM

**PROJECT RECORD DOCUMENTS**

69. DURING THE DAILY PROGRESS OF THE JOB, THE CONTRACTOR SHALL ACCURATELY RECORD THE EXACT LOCATION, LENGTH, AND ELEVATION OF ALL PROPOSED IMPROVEMENTS ON HIS SET OF CONSTRUCTION DRAWINGS.

70. UPON COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL PAYMENT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER ONE COMPLETE SET OF ALL "AS-BUILT" CONSTRUCTION CHANGES AND DIMENSIONS.

71. ALL "AS-BUILT" INFORMATION AND ELEVATIONS SHALL BE CERTIFIED BY A FLORIDA REGISTERED LAND SURVEYOR AND SHOWN ON THE RECORD DRAWINGS. ALL FINAL MEASUREMENTS SHALL BE SUPPLEMENTED IN THE FORM OF FIELD NOTES. TWO (2) SETS OF AS-BUILT HARD COPIES SHALL BE SUBMITTED TO THE CITY OF DORAL UPON COMPLETION, ALONG WITH A CD-ROM CONTAINING A DIGITAL COPY IN PDF AND CAD FORMATS.

72. AS-BUILTS SHALL UTILIZE THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 1929).

**SIGNALIZATION NOTES**

73. THE SIGNAL MAINTAINING AGENCY IS:  
MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS (DTPW), TRAFFIC SIGNALS & SIGNS DIVISION.  
THE CONTACT TELEPHONE NUMBER FOR THE DTPW, TRAFFIC SIGNALS & DIVISION, IS: (305) 592-3470.

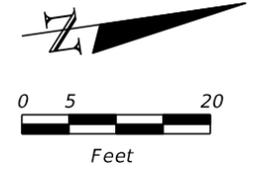
74. ALL ITEMS (BOXES, LIDS, FASTENERS) IN THE SIDEWALK MUST BE FLUSH AND ADA COMPLIANT.

REVISIONS				MANUEL A. SAULEDA, P.E. P.E. LICENSE NUMBER 45988 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894		<b>SITE LOCATION</b>  VARIOUS LOCATIONS		<b>GENERAL NOTES</b>	<b>SHEET NO.</b>  4
DATE	DESCRIPTION	DATE	DESCRIPTION						

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

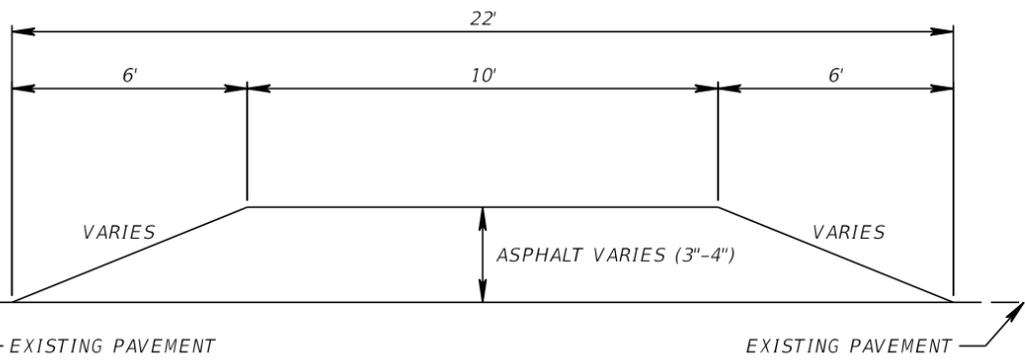
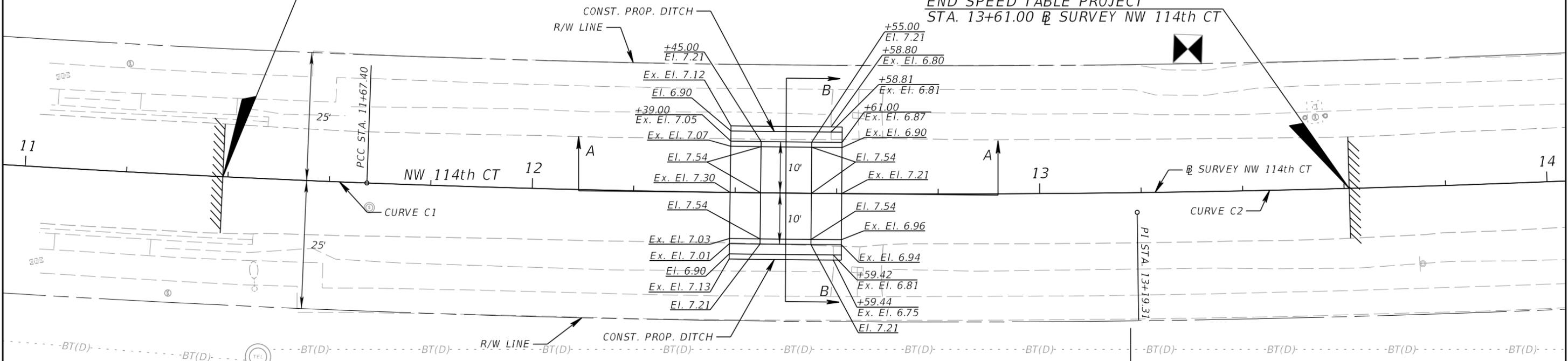
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 $\Delta$  = 3° 11' 50" (LT)  
 D = 1° 54' 35"  
 T = 83.72  
 L = 167.40  
 R = 3,000.00  
 PC STA. = 10+00.00  
 PT STA. = 11+67.40

CURVE DATA C2  
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 $\Delta$  = 5° 47' 51" (LT)  
 D = 1° 54' 35"  
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 PT STA. = 14+70.96

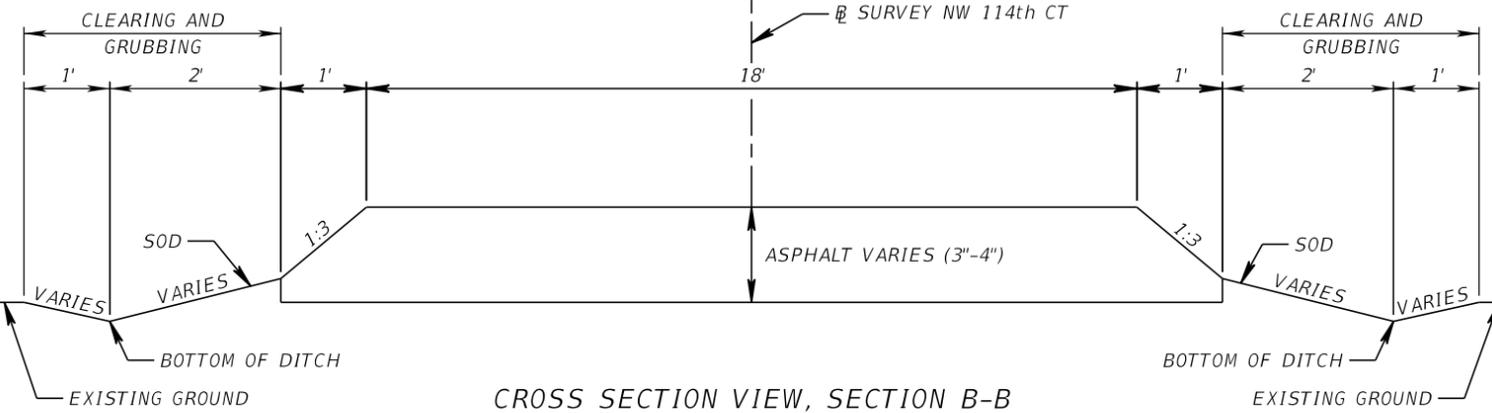


BEGIN SPEED TABLE PROJECT  
 STA. 11+39.00 @ SURVEY NW 114th CT

END SPEED TABLE PROJECT  
 STA. 13+61.00 @ SURVEY NW 114th CT



PROFILE VIEW, SECTION A-A  
 ALONG CENTER OF ROADWAY  
 N.T.S



CROSS SECTION VIEW, SECTION B-B  
 N.T.S

SPEED TABLE DETAILS

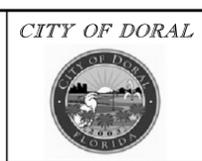
SPEED TABLE AT NW 114th CT  
 BETWEEN NW 86th ST AND NW 87th LANE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MANUEL A. SAULEDA, P.E.  
 P.E. LICENSE NUMBER 45988  
 H. W. LOCHNER, INC.  
 CONSULTING ENGINEERS AND PLANNERS  
 8750 NW 36th STREET - SUITE 360  
 MIAMI, FLORIDA - 33178  
 CERTIFICATE OF AUTHORIZATION 00000894



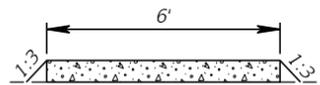
TRAFFIC CALMING  
 DEVICES PROJECT  
 VARIOUS  
 LOCATIONS



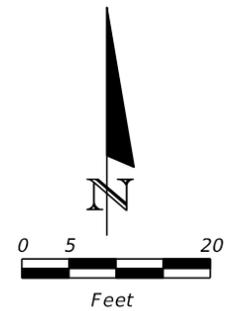
ROADWAY PLAN

SHEET NO.  
 5

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

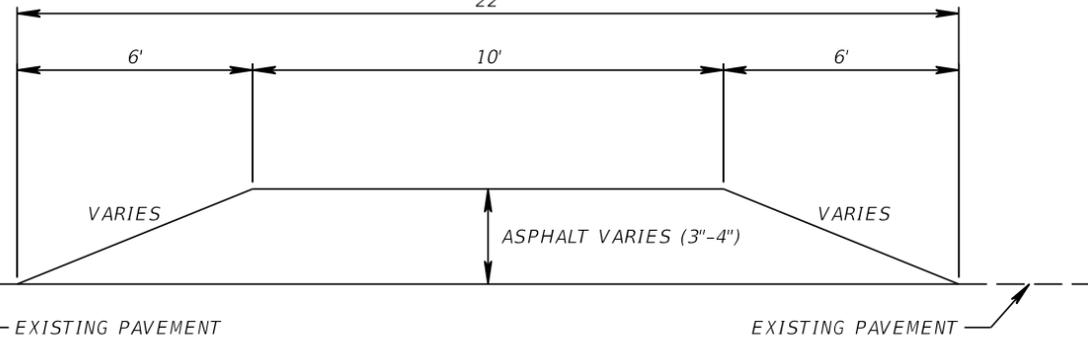
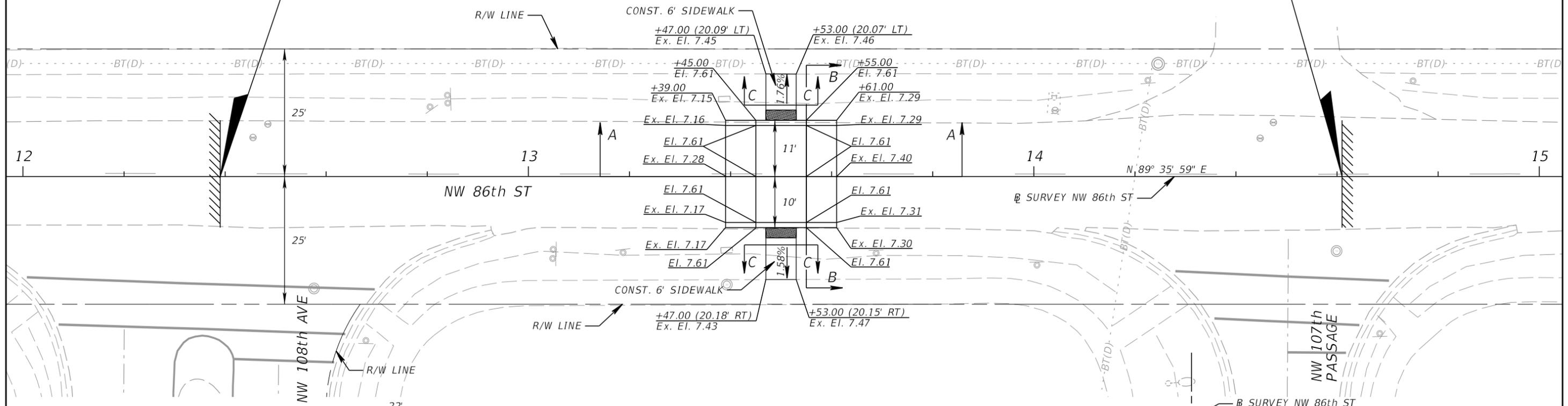


CROSS SECTION VIEW, SECTION C-C  
N.T.S

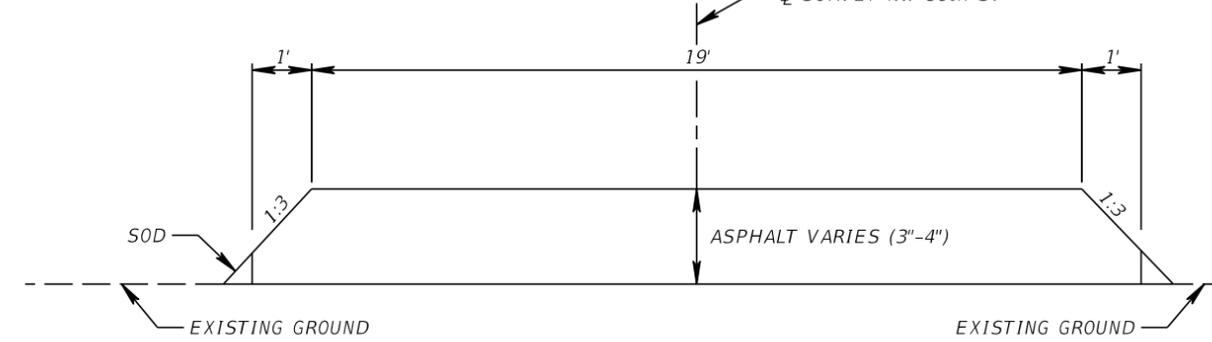


BEGIN RAISED CROSSWALK PROJECT  
STA. 12+39.00 @ SURVEY NW 86th ST

END RAISED CROSSWALK PROJECT  
STA. 14+61.00 @ SURVEY NW 86th ST



PROFILE VIEW, SECTION A-A  
ALONG CENTER OF ROADWAY  
N.T.S



CROSS SECTION VIEW, SECTION B-B  
N.T.S

RAISED CROSSWALK DETAILS

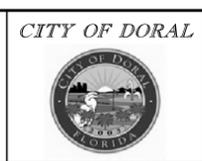
**RAISED CROSSWALK AT NW 86th ST  
BETWEEN NW 107th PASSAGE AND NW 108th AVE**

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MANUEL A. SAULEDA, P.E.  
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CONSULTING ENGINEERS AND PLANNERS  
8750 NW 36th STREET - SUITE 360  
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TRAFFIC CALMING  
DEVICES PROJECT  
VARIOUS  
LOCATIONS



**ROADWAY PLAN**

SHEET NO.  
**6**

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CITY OF DORAL



*TRAFFIC CALMING IMPROVEMENTS: SECTION 7  
SIGNING AND PAVEMENT MARKING PLANS*

INDEX OF SIGNING AND PAVEMENT MARKING PLANS

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
S-1	KEY SHEET
S-2	TABULATION OF QUANTITIES
S-3	GENERAL NOTES
S-4 - S-8	SIGNING AND PAVEMENT MARKING PLAN

CITY COUNCIL

MAYOR  
 JUAN CARLOS BERMUDEZ  
 VICE MAYOR  
 CHRISTI FRAGA  
 COUNCILWOMAN  
 DIGNA CABRAL  
 COUNCILMAN  
 PETE CABRERA  
 COUNCILWOMAN  
 CLAUDIA MARIACA  
 PUBLIC WORKS DIRECTOR  
 CARLOS ARROYO  
 PROJECT MANAGER  
 EUGENE COLLINGS-BONFILL, P.E.

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

PLANS PREPARED FOR  
 CITY OF DORAL

ENGINEER OF RECORD:

BY

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION, STANDARD PLANS 2019-2020, AND SPECIFICATIONS JULY 2019, FOR ROAD AND BRIDGE CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS AS AMENDED BY CONTRACT DOCUMENTS, MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT STANDARDS AND SPECIFICATIONS PART 1, 2, AND 3. THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENTS - HIGHWAY DIVISION STANDARD DETAILS.



MANUEL A. SAULEDA, P.E.  
 P.E. NO.: 45988  
 8750 N.W. 36TH STREET, SUITE 360  
 MIAMI, FLORIDA 33178  
 TEL: (305) 503-9873; FAX: (305) 503-9882  
 FBPR CERTIFICATE OF AUTH. #894

MANUEL A. SAULEDA  
 FLORIDA REGISTRATION P.E., NO. 45988

SHEET NO.

S-1

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	
			S-4		S-5		S-6		S-7		S-8		PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL								
700-1-11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS																		
700-3-401	SIGN PANEL, INSTALL, UP TO 12 SF	AS																		
700-11-231	ELECTRONIC DISPLAY SIGN, F&I GROUND MOUNT - SOLAR POWER, SPEED FEEDBACK, UP TO 12 SF	AS																		
706-1-1	RAISED PAVEMENT MARKER, TYPE B WITHOUT FINAL SURFACE MARKINGS	EA																		
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF																		
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF																		
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM																		
711-16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM																		

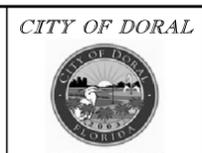
PAY ITEM NOTES:  
 706-1-1: YELLOW/YELLOW RPMs  
 700-11-231: INCLUDES REGULATORY SIGN PANEL

REVISIONS	
DESCRIPTION	DATE

MANUEL A. SAULEDA, P.E.  
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 CONSULTING ENGINEERS AND PLANNERS  
 8750 NW 36th STREET - SUITE 360  
 MIAMI, FLORIDA - 33178  
 CERTIFICATE OF AUTHORIZATION 00000894



TRAFFIC CALMING  
 DEVICES PROJECT  
 VARIOUS  
 LOCATIONS



TABULATION OF QUANTITIES

SHEET NO.  
 S-2

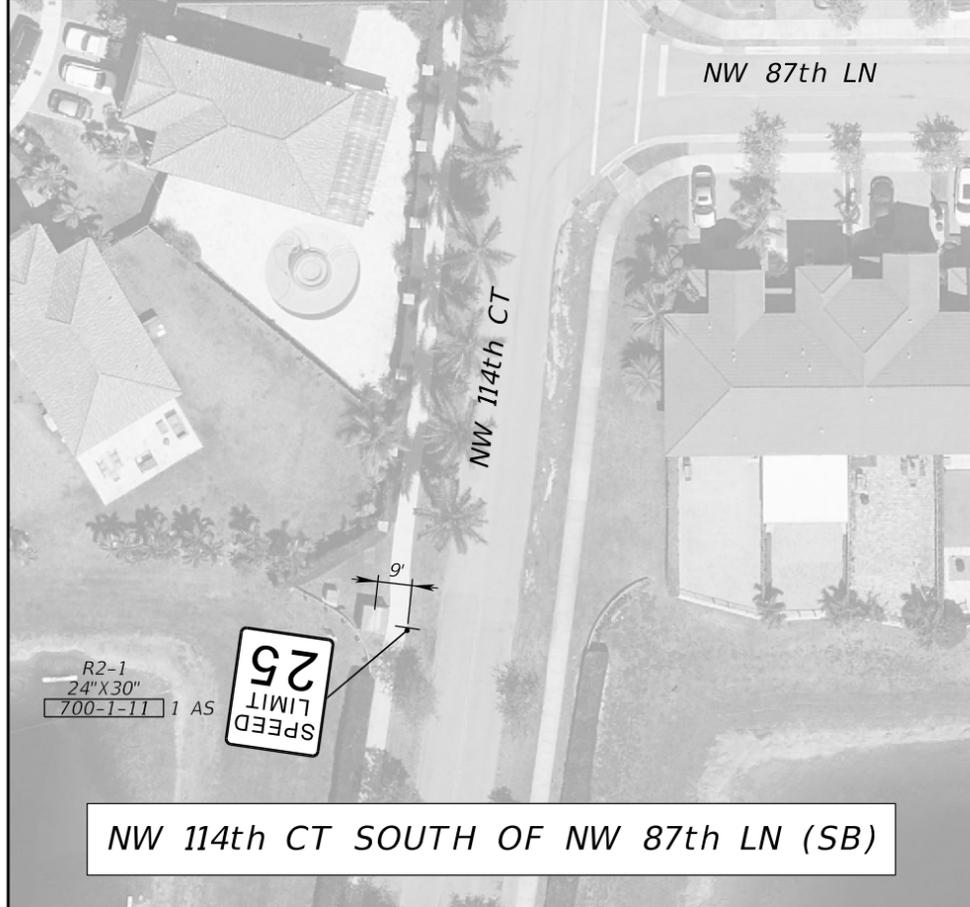
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SIGNING & PAVEMENT MARKINGS NOTES

1. DISTANCES AND DESCRIPTIONS FOR ADVANCED WARNING MARKINGS ARE RECIPROCAL ON BOTH SIDES.
2. REFER TO 2009 MUTCD, FIGURE 3B-30, FIGURE 3B-31, AND FDOT STADARD PLANS INDEX 711-001 FOR RAISED CROSSWALK AND ADVANCED WARNING MARKINGS.
3. HEIGHT AND LATERAL OFFSETS FOR ALL SINGLE COLUMN SIGNS SHALL BE PLACED IN ACCORDANCE TO TO FDOT STANDARD PLANS INDEX 700-010 AND INDEX 700-101.
4. ALL EXISTING SIGNS TO REMAIN.

REVISIONS				MANUEL A. SAULEDA, P.E. P.E. LICENSE NUMBER 45988 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894		SITE LOCATION NW 82nd ST AND NW 114th AVE		CITY OF DORAL  GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						S-3

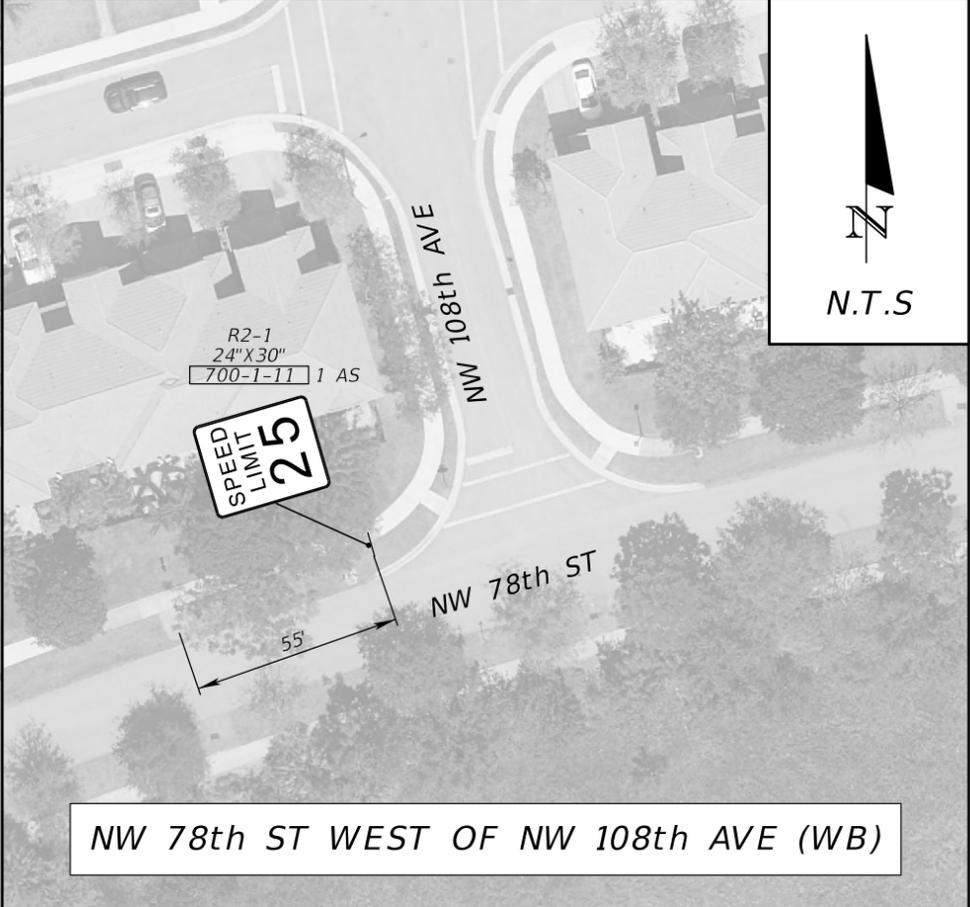
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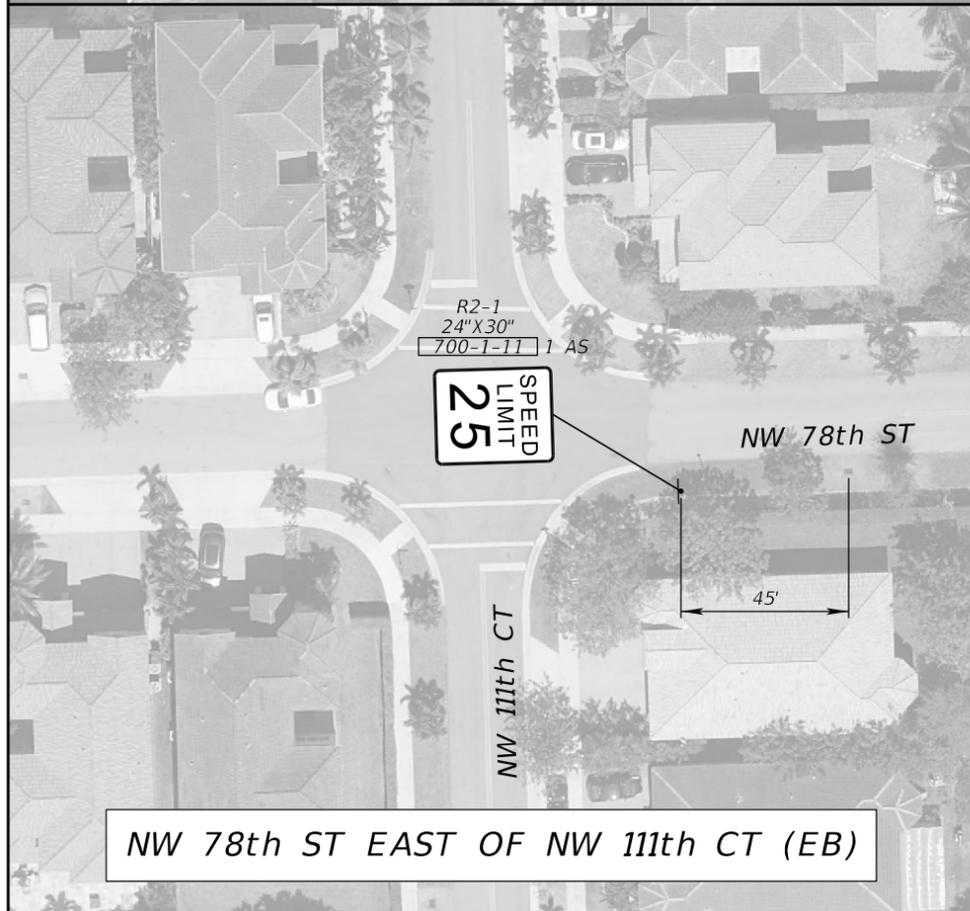
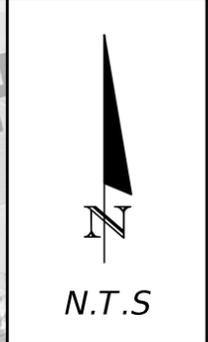
NW 114th CT SOUTH OF NW 87th LN (SB)



NW 84th ST EAST OF NW 111th CT (EB)



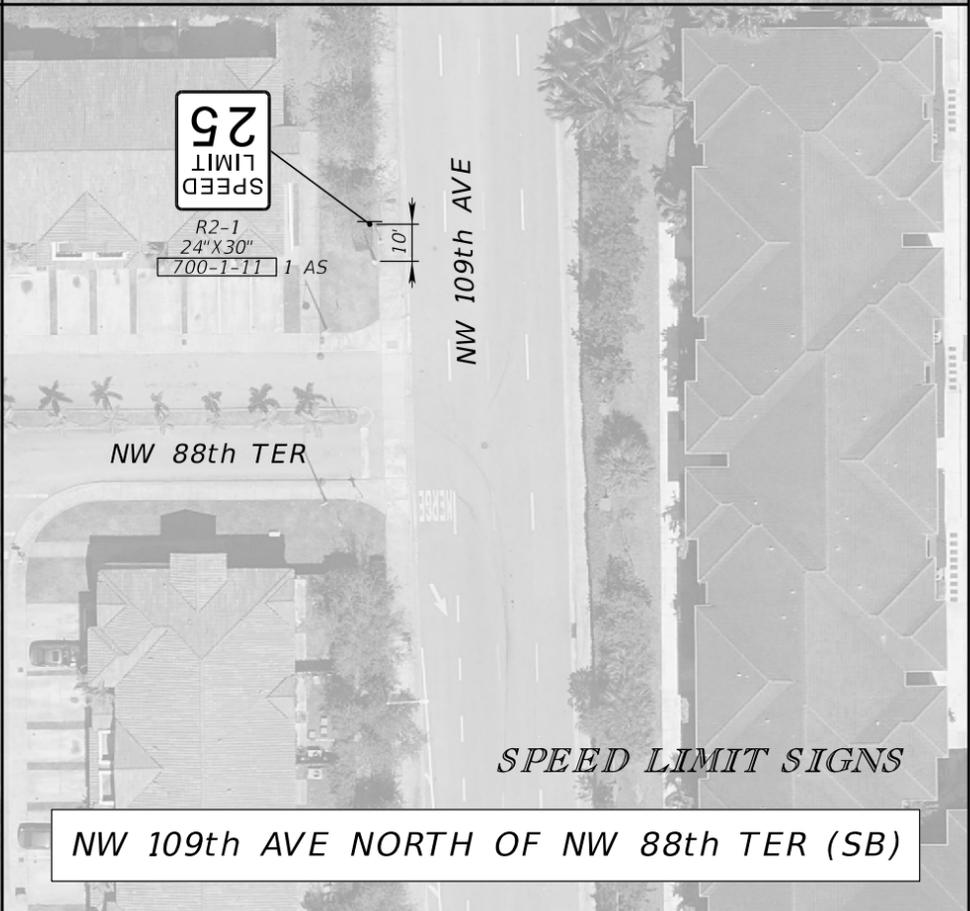
NW 78th ST WEST OF NW 108th AVE (WB)



NW 78th ST EAST OF NW 111th CT (EB)



NW 109th AVE NORTH OF NW 82nd ST (NB)



NW 109th AVE NORTH OF NW 88th TER (SB)

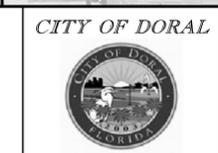
SPEED LIMIT SIGNS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 H. W. LOCHNER, INC.  
 CONSULTING ENGINEERS AND PLANNERS  
 8750 NW 36th STREET - SUITE 360  
 MIAMI, FLORIDA - 33178  
 CERTIFICATE OF AUTHORIZATION 00000894



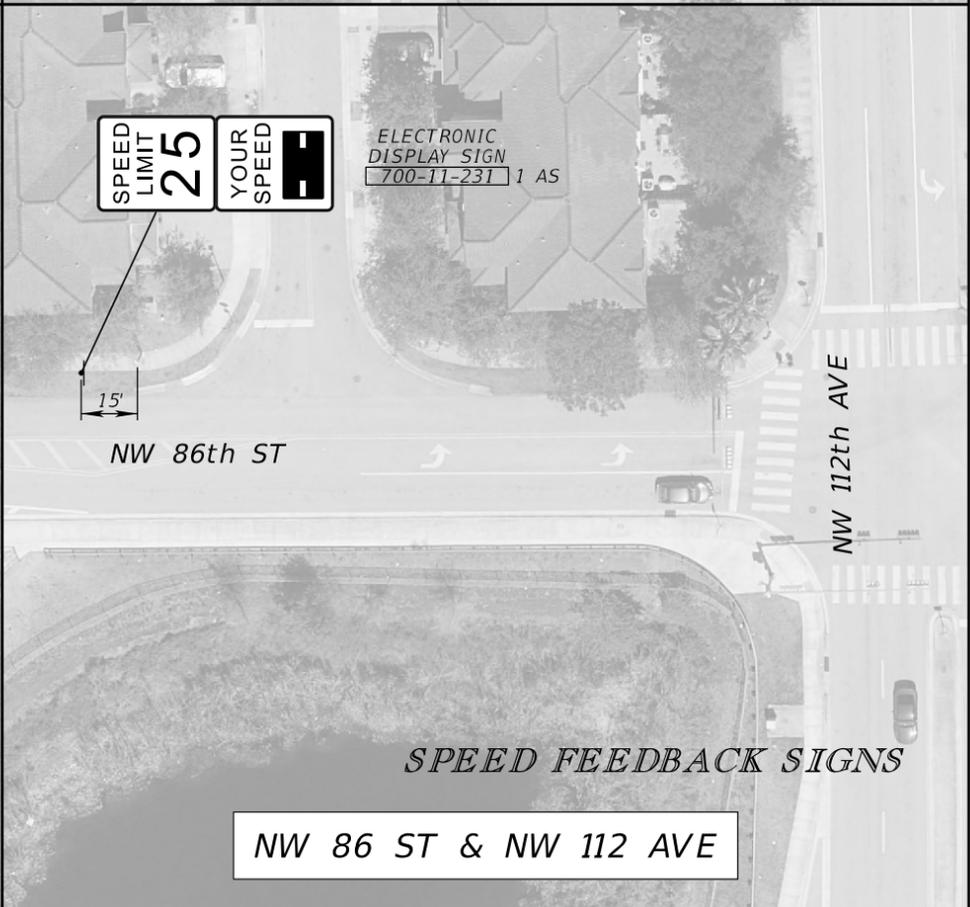
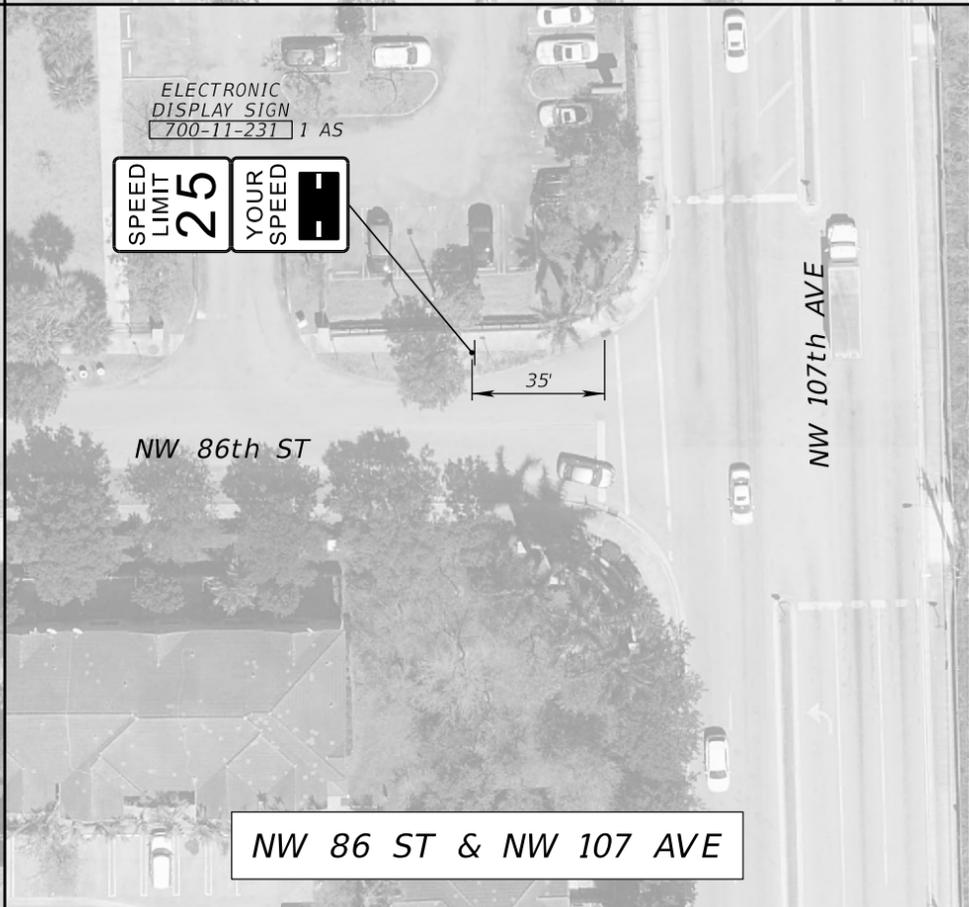
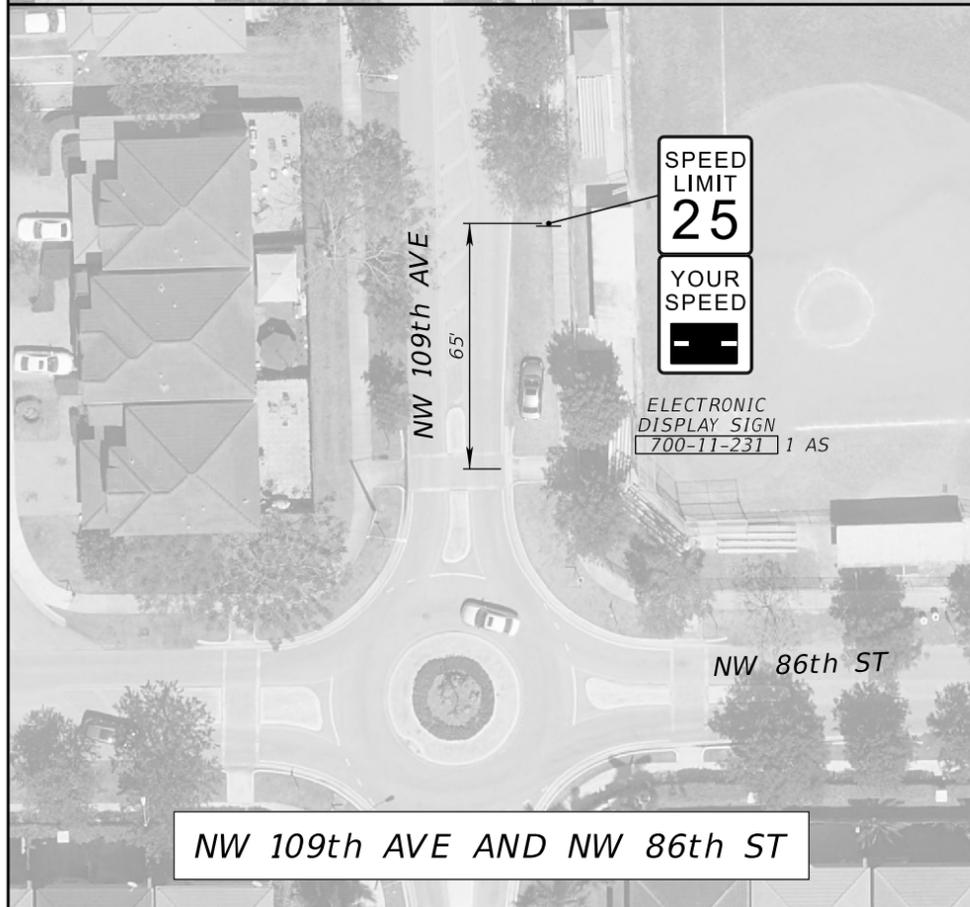
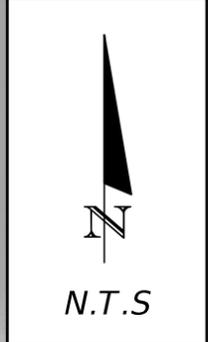
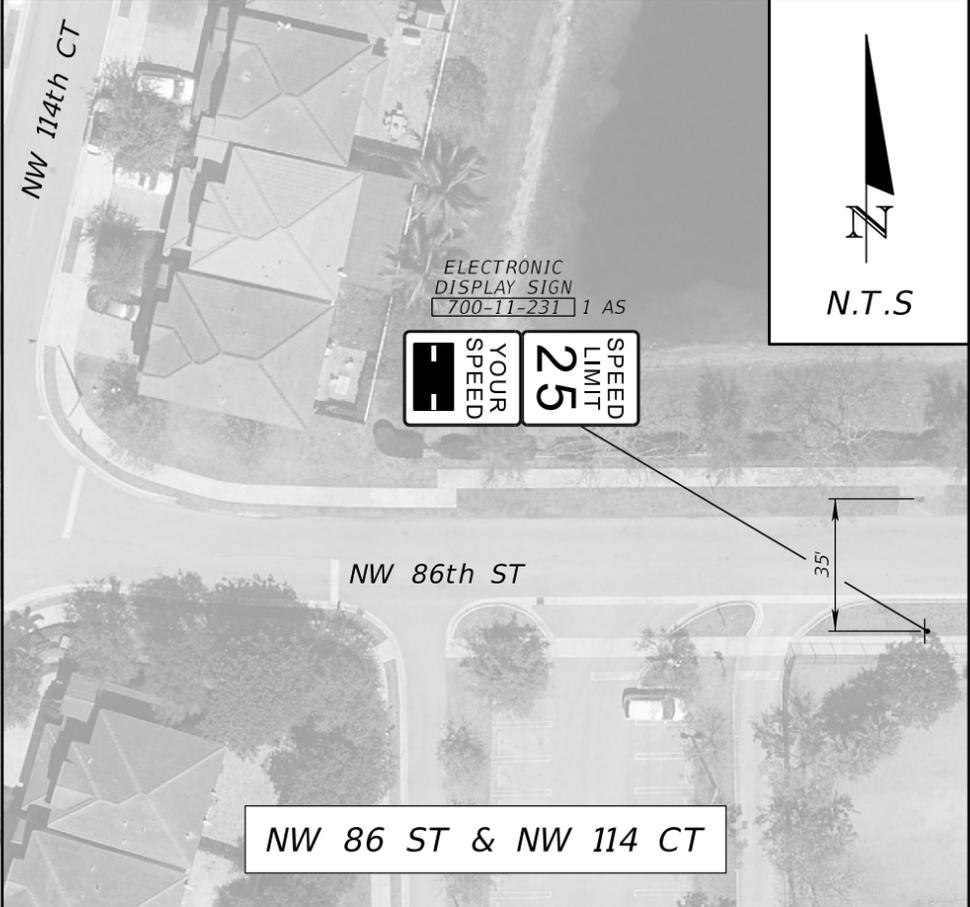
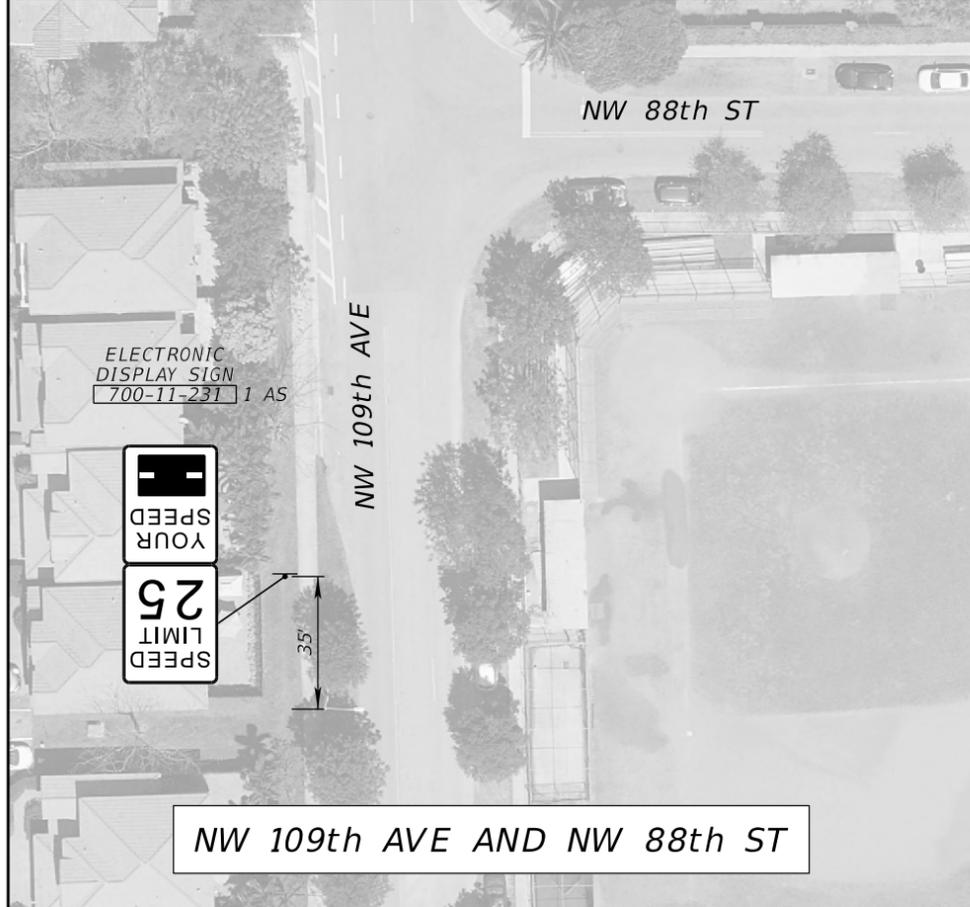
TRAFFIC CALMING  
 DEVICES PROJECT  
 VARIOUS  
 LOCATIONS



SIGNING AND PAVEMENT  
 MARKING PLAN

SHEET  
 NO.  
 S-4

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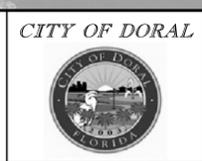


REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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TRAFFIC CALMING  
 DEVICES PROJECT

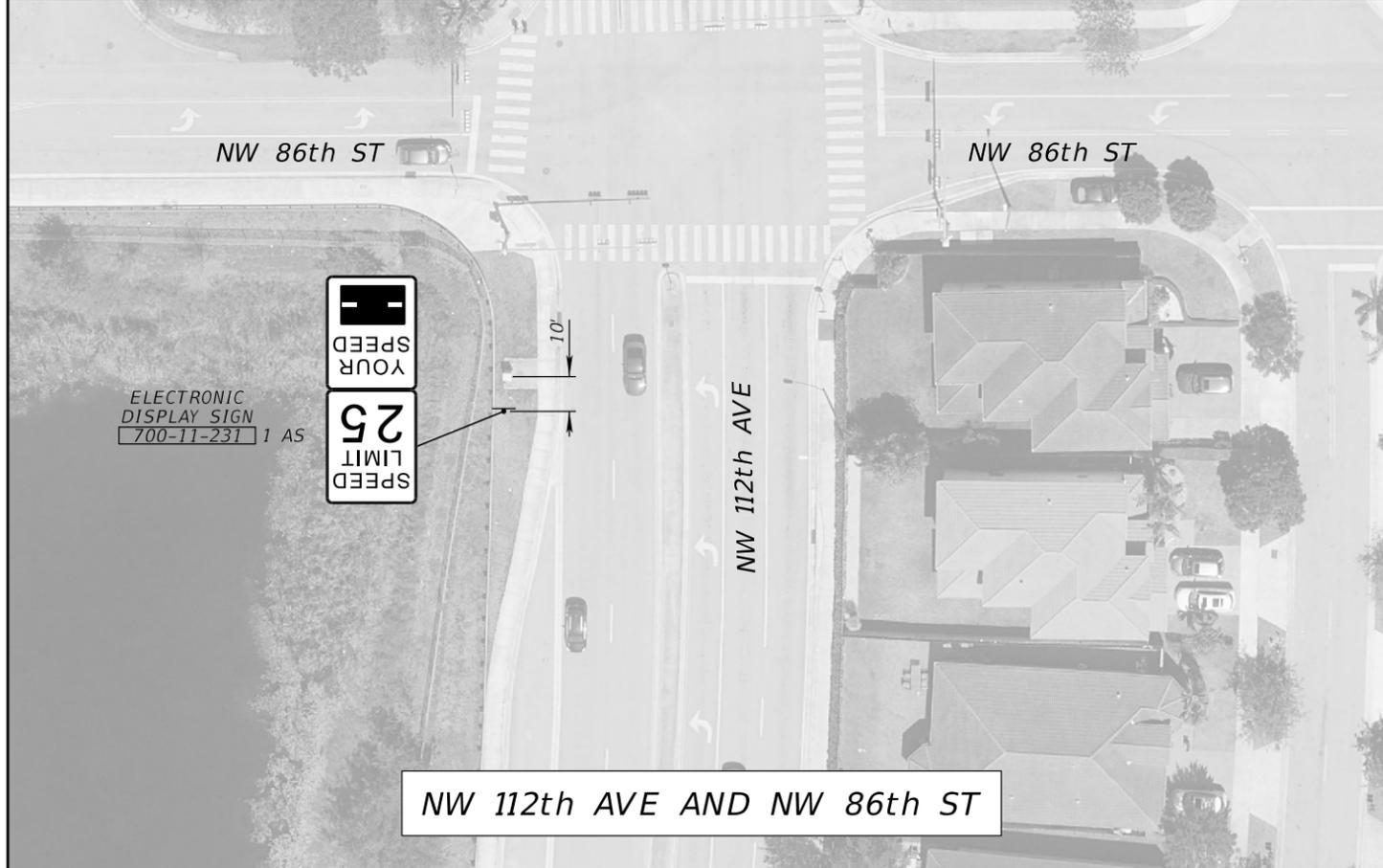
VARIOUS  
 LOCATIONS



*SIGNING AND PAVEMENT  
 MARKING PLAN*

SHEET  
 NO.  
 S-5

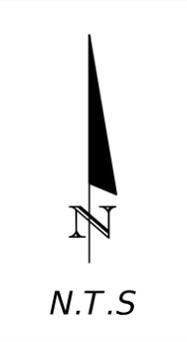
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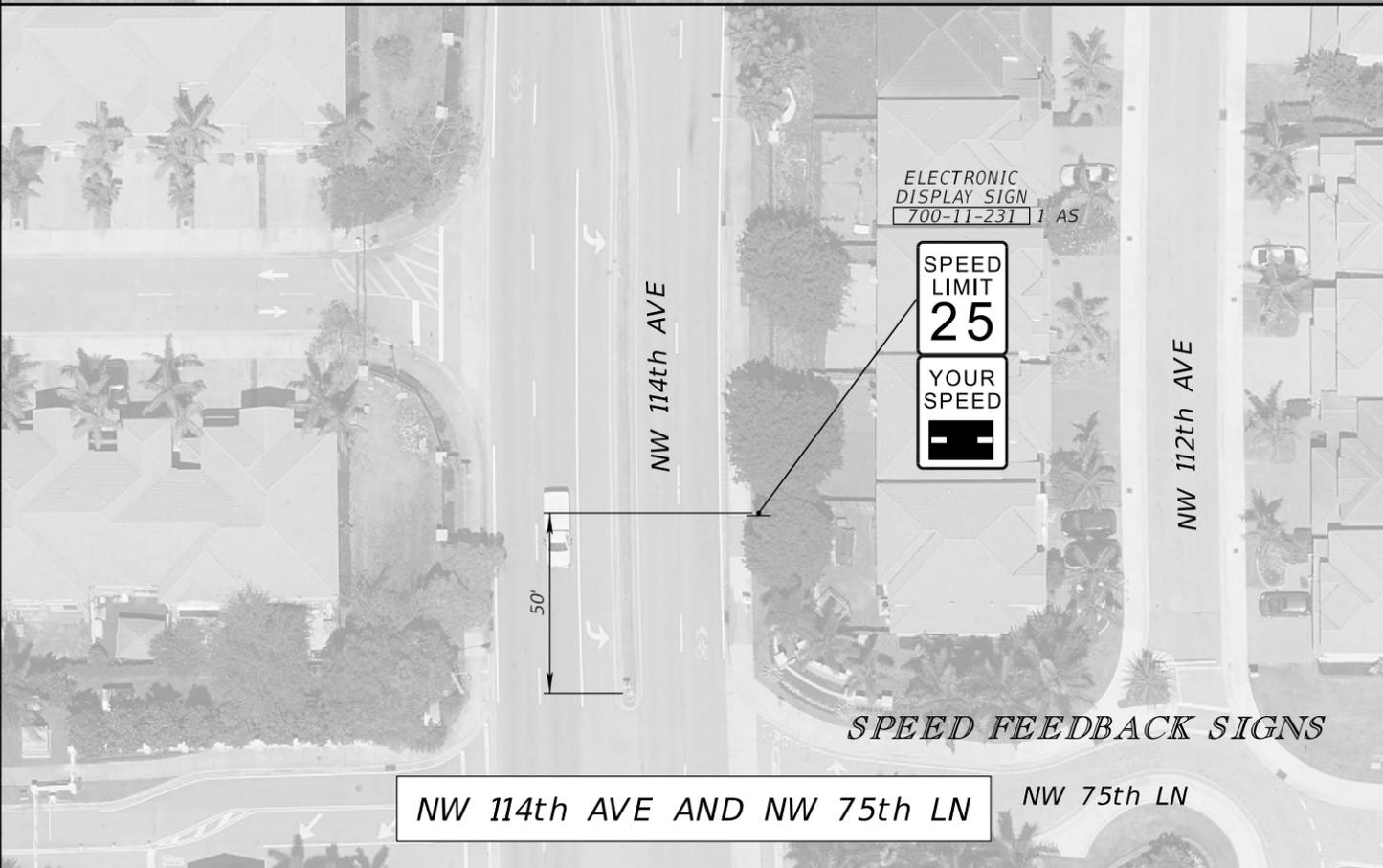
NW 112th AVE AND NW 86th ST



NW 114th AVE AND NW 78th ST



NW 112th AVE AND NW 84th ST

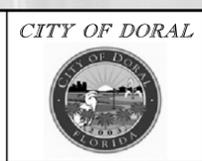


NW 114th AVE AND NW 75th LN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 CONSULTING ENGINEERS AND PLANNERS  
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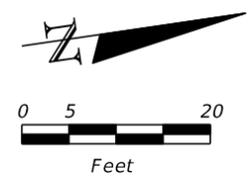
TRAFFIC CALMING  
 DEVICES PROJECT  
 VARIOUS  
 LOCATIONS



**SIGNING AND PAVEMENT  
 MARKING PLAN**

SHEET  
 NO.  
 S-6

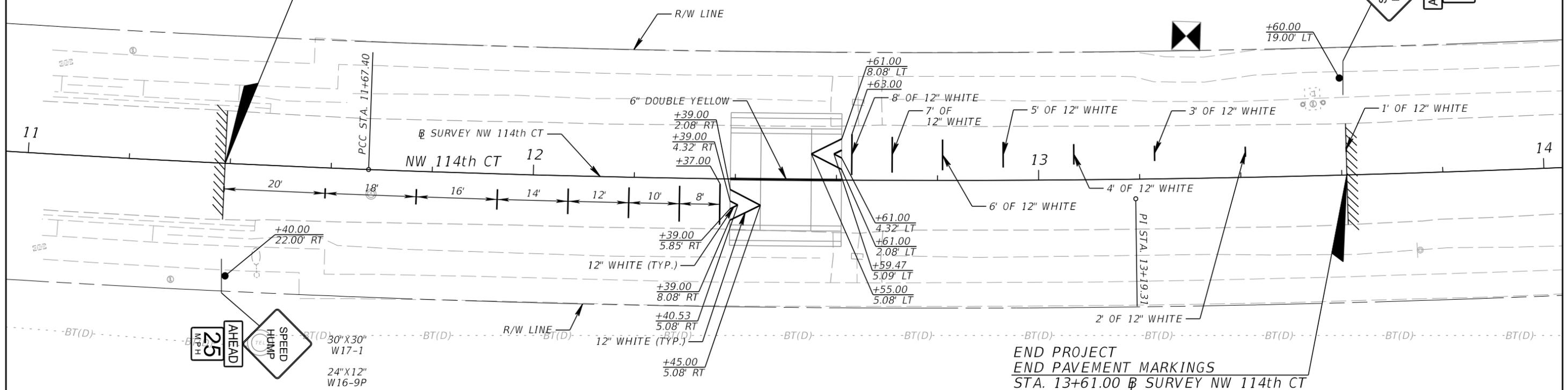
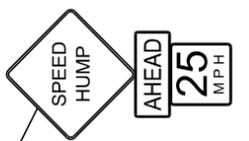
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BEGIN PROJECT  
 BEGIN PAVEMENT MARKINGS  
 STA. 11+39.00 @ SURVEY NW 114th CT

30"X30"  
 W17-1  
 24"X12"  
 W16-9P  
 18"X18"  
 W13-1P

700-1-11 1 AS



END PROJECT  
 END PAVEMENT MARKINGS  
 STA. 13+61.00 @ SURVEY NW 114th CT

700-1-11 1 AS

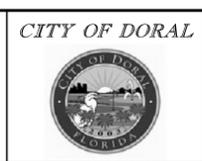
**SPEED TABLE AT NW 114th CT  
 BETWEEN NW 86th ST AND NW 87th LANE**

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MANUEL A. SAULEDA, P.E.  
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 MIAMI, FLORIDA - 33178  
 CERTIFICATE OF AUTHORIZATION 00000894



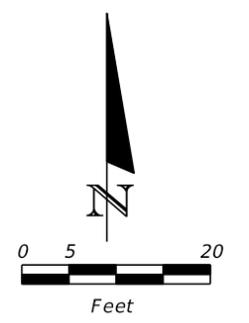
**TRAFFIC CALMING  
 DEVICES PROJECT**  
 VARIOUS  
 LOCATIONS



**SIGNING AND PAVEMENT**

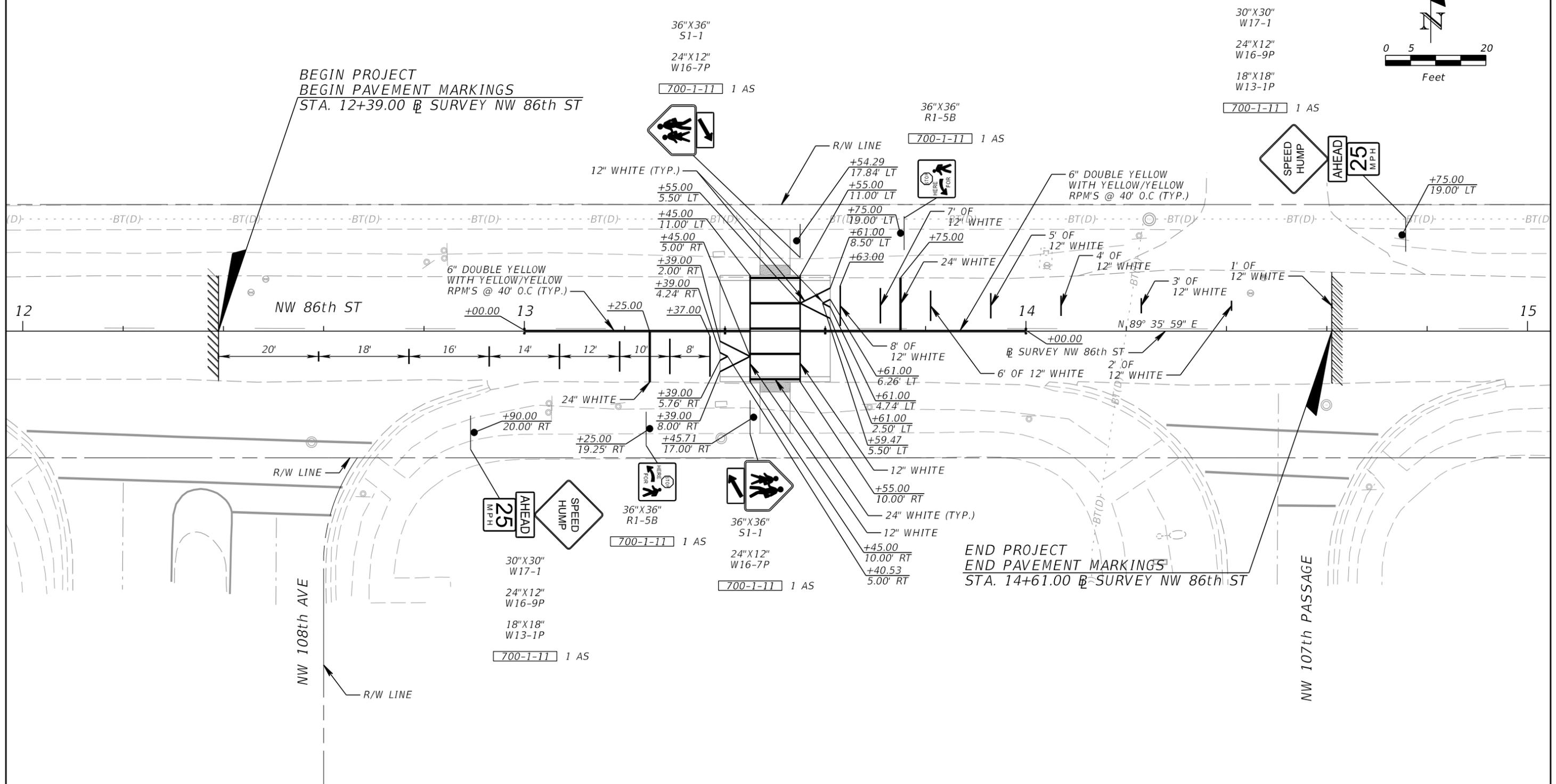
SHEET NO.  
 S-7

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BEGIN PROJECT  
 BEGIN PAVEMENT MARKINGS  
 STA. 12+39.00 @ SURVEY NW 86th ST

END PROJECT  
 END PAVEMENT MARKINGS  
 STA. 14+61.00 @ SURVEY NW 86th ST



**RAISED CROSSWALK AT NW 86th ST  
 BETWEEN NW 107th PASSAGE AND NW 108th AVE**

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MANUEL A. SAULEDA, P.E.  
 P.E. LICENSE NUMBER 45988  
 H. W. LOCHNER, INC.  
 CONSULTING ENGINEERS AND PLANNERS  
 8750 NW 36th STREET - SUITE 360  
 MIAMI, FLORIDA - 33178  
 CERTIFICATE OF AUTHORIZATION 00000894



**TRAFFIC CALMING  
 DEVICES PROJECT**  
 VARIOUS  
 LOCATIONS



**SIGNING AND PAVEMENT**

SHEET NO.  
 S-8

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