

COMMISSION

CRYSTAL WAGAR, MAYOR
 ALICE BURCH, VICE MAYOR
 SEAN BRADY, COUNCILMAN
 JONATHAN MELTZ, COUNCILMAN
 STEPHEN LOFFREDO, COUNCILMAN
 TOM BENTON, VILLAGE MANAGER

MIAMI SHORES VILLAGE
VILLAGE MULTIMODAL MOBILITY IMPROVEMENTS PROGRAM

FINANCIAL PROJECT ID 438665-1-58-01
MIAMI-DADE COUNTY (87000)

N.E. 2ND AVENUE - SIDEWALK WIDENING
N.E. 103RD STREET TO N.E. 111TH STREET

INDEX OF ROADWAY PLANS

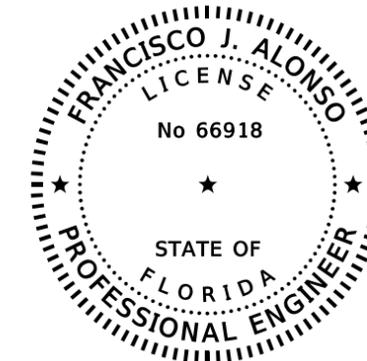
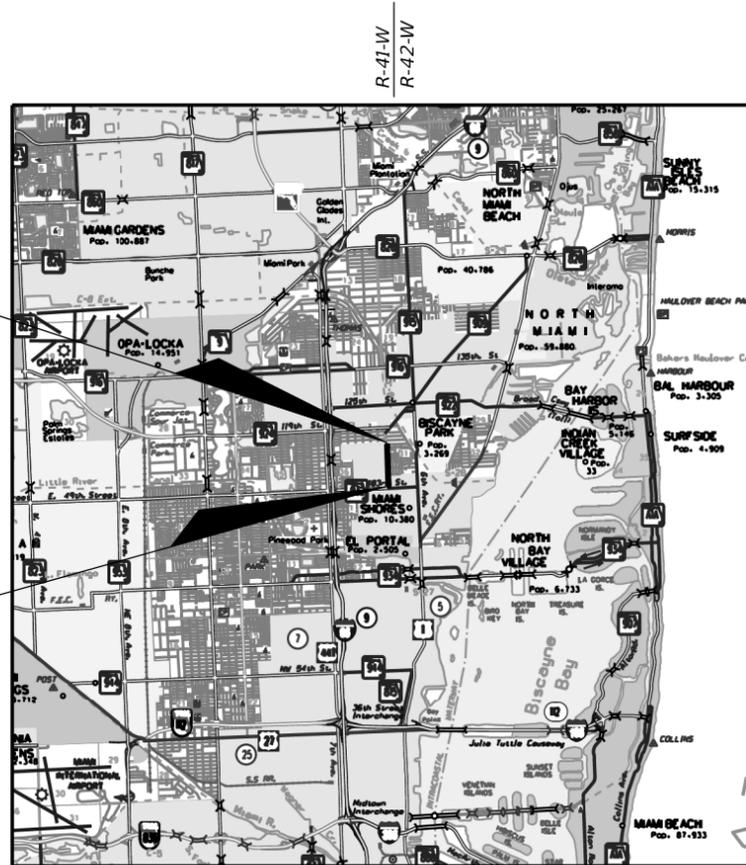
SHEET NO.	SHEET DESCRIPTION
1	COVER SHEET
2	SUMMARY OF PAY ITEMS
3	GENERAL NOTES AND LEGEND
4	TYPICAL SECTION AND CONSTRUCTION DETAILS
5-7	SIDEWALK PLAN
8-10	SIDEWALK GRADING PLAN
11-13	SIGNING PLAN
14-15	STORMWATER POLLUTION PREVENTION NOTES
16	STORMWATER POLLUTION PREVENTION DETAILS
17	TRAFFIC CONTROL GENERAL NOTES

SUR-1 - SUR-2 MAP OF TOPOGRAPHIC SURVEY

END PROJECT
 STA. 136+80.86

BEGIN PROJECT
 STA. 112+74.87

T-52-S
 T-53-S



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

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

ROADWAY PLANS
ENGINEER OF RECORD:

FRANCISCO J. ALONSO, P.E.
 P.E. LICENSE NUMBER 66918
 T.Y. LIN INTERNATIONAL
 201 ALHAMBRA CIRCLE, SUITE 900
 CORAL GABLES, FL. 33134
 CERTIFICATE OF AUTHORIZATION 00002017

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2020-21 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

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

APPLICABLE IRs: IR____-

Standard Plans for Bridge Construction are included in the Structures Plans Component

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, January 2020 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

SHEET NO.

1

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 438665-1-58-01

LEAD PROJECT: 438665-1-58-01

DISTRICT: 06 COUNTY/SECTION: 87000

PROJECTS: 438665-1-58-01

COUNTY: MIAMI-DADE

SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
		0101-1	Mobilization	LS	1
		0102-1	Maintenance of Traffic	LS	1
		0104-18	Inlet Protection System	EA	8
		0110-1-1	Clearing and Grubbing	LS	1
		0110-21	Tree Protection Barrier (includes tree well and root barrier)	LF	608
		0110-4-10	Removal of Existing Concrete	SY	1,220
		0160-4	Type B Stabilization	SY	2,440
		0285-701	Optional Base Group 1 (8" Limerock LBR 100, for Sidewalk)	SY	2,440
		0285-706	Optional Base Group 6 (8" Limerock LBR 100, for Pavement Widening)	SY	59
		0337-7-80	Asph Conc Friction Course Traffic B (FC-9.5) (1" FC) (For Pavement Widening)	TN	3
		0400-0-11	Concrete Class NS, Gravity Wall	CY	13
		0425-6	Valve Adjust	EA	5
		0425-6A	Pull Box Adjust	EA	11
		0515-062	Pedestrian /Bicycle Railing (Aluminum)	LF	40
		0520-1-10	Concrete Curb & Gutter, Type F	LF	296
		0522-1	Sidewalk Concrete, 4" Thick (includes tooling, expansion joints, integral color, curb ramps)	SY	2,421
		0522-2	Sidewalk Concrete, 6" Thick (includes tooling, expansion joints, integral color)	SY	80
		0527-1	Detectable Warning	SY	262
			Trench Drain	LF	16.5
		0570-1-2	Performance turf, sod (St. Augustine) (Contingency)	SY	1,250
		0700-1-50	Single Post Sign, Relocate	AS	1
		0700-2-50	Multi Post Sign, Relocate	AS	1
		0711-11123	12" Solid Traffic Stripe (White)	LF	170
			Permitting Allowance	LS	1
			Contingency (Do Not Bid) (10%)	LS	1

REVISIONS			FRANCISCO J. ALONSO, P.E. P.E. LICENSE NUMBER 66918 T.Y. LIN INTERNATIONAL 201 ALHAMBRA CIRCLE, SUITE 900 CORAL GABLES, FL. 33134 CERTIFICATE OF AUTHORIZATION 00002017	 MIAMI SHORES VILLAGE 10050 N.E. 2ND AVENUE MIAMI SHORES, FL 33138	MIAMI SHORES VILLAGE VILLAGE MULTIMODAL MOBILITY IMPROVEMENTS PROGRAM		SUMMARY OF PAY ITEMS	SHEET NO. 2
DATE	BY	DESCRIPTION			PROJECT NAME	FINANCIAL PROJECT ID.		
			N.E. 2ND AVE. SIDEWALK WIDENING N.E. 103RD ST. TO N.E. 111TH ST.	438665-1-58-01				

GENERAL NOTES:

- BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE 1929 NATIONAL GEODETIC VERTICAL DATUM (NGVD29). ALL PUBLIC LAND CORNERS AND PRIMARY NETWORK CONTROL SURVEY MONUMENTS ARE TO BE PROTECTED. 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 SURVEYOR PRIOR TO THE BEGINNING OF WORK. UPON PROJECT COMPLETION, RESTORE ALL SUCH CORNERS AND MONUMENTS AND FURNISH TO THE VILLAGE A SIGNED AND SEALED COPY OF THE LAND SURVEYOR'S REFERENCE DRAWING. INCLUDE ALL COST OF REFERENCING, RESTORING AND PRESERVING CORNERS AND MONUMENTS IN THE BID PRICE FOR MOBILIZATION.
- ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:
ABRAHAM HADAD, P.S.M.
P.S.M. No. LS6006
HADONNE CORP
1985 NW 88TH COURT, SUITE 101, DORAL, FL 33172
FLORIDA CERTIFICATE OF AUTHORIZATION: # LB7097
- THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED VV, VH, AND VVH) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
- HAND EXCAVATE AROUND AREAS WHERE EXISTING UNDERGROUND UTILITIES ARE EXPECTED OR SUSPECTED IN ORDER TO AVOID DAMAGES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIRS AND COSTS TO CORRECT DAMAGES RESULTING FROM FAILURE TO TAKE ALL NECESSARY PRECAUTIONS INCLUDING LOCATING, MARKING AND CAREFUL EXCAVATION, AND SHOULD BE INCIDENTAL TO THE COST OF THE PROJECT.
- OBTAIN ALL NECESSARY PERMITS PRIOR TO COMMENCING CONSTRUCTION.
- IT IS THE OBLIGATION OF THE BIDDER OR THE CONTRACTOR TO MAKE HIS OWN INVESTIGATION AND SATISFY HIMSELF FULLY OF SUBSURFACE CONDITIONS PRIOR TO SUBMITTING HIS BID. FAILURE TO DO SO, WILL NOT RELIEVE HIM OF HIS OBLIGATION TO COMPLETE THE WORK FULLY AND ACCEPTABLE TO THE ENGINEER AND THE OWNER FOR THE CONSIDERATION SET FORTH IN HIS BID.
- DO NOT SCALE DIMENSIONS FROM PRINTS FOR CONSTRUCTION PURPOSES.
- CUT EXISTING DRIVEWAYS AND SIDEWALKS CAREFULLY AND NEATLY FINISH TO MATCH EXISTING SURFACE LEVEL.
- BASELINE OF CONSTRUCTION FOR ALL STREETS SHALL BE THE STREET CENTER LINE OR AS SHOWN ON THE PLANS.
- ALL DISTURBED GRASS AREAS TO BE RESTORED WITH SUITABLE SOIL AND SOLID ST AUGUSTINE SOD IF NOT SPECIFIED OTHERWISE ON THE PLANS.
- IT IS THE INTENT OF THESE PLANS TO BE IN COMPLIANCE WITH APPLICABLE CODES OF AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
- WHERE NEW PAVEMENT MEETS EXISTING, CONNECTION SHALL BE MADE IN A NEAT STRAIGHT (FEATHERED) LINE AND FLUSH WITH EXISTING PAVEMENT.
- USE MIAMI DADE COUNTY DEPARTMENT OF TRANSPORTATION & PUBLIC WORKS (MDC - DTPW) STANDARDS AND THE FDOT STANDARD PLANS - FY 2020-21 UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING TREES, STRUCTURES, UTILITIES AND UTILITY MARKERS, WHICH MAY NOT BE SHOWN ON PLANS. ANY EXISTING STRUCTURES, PAVEMENT, TREES, UTILITIES, UTILITY MARKERS OR OTHER EXISTING IMPROVEMENT NOT SPECIFIED FOR REMOVAL WHICH IS TEMPORARILY DAMAGED, EXPOSED OR IN ANY WAY DISTURBED BY CONSTRUCTION PERFORMED UNDER THIS CONTRACT, SHALL BE REPAIRED, PATCHED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL RESET OR REPLACE EXISTING METER BOXES AND PULL BOXES AS REQUIRED FOR SIDEWALK RECONSTRUCTION AND FOR ADA COMPLIANCE. INSTALLATIONS OF NEW PULL BOXES SHALL BE PERFORMED BY QUALIFIED ELECTRICAL CONTRACTOR. WHEN REPLACING AN EXISTING PULL BOX, THE CONTRACTOR SHALL ADJUST CONDUITS AND CABLES TO FIT THE NEW PULL BOX ELEVATION. COST OF ADJUSTMENTS AND NEW PULL BOXES/METER BOXES IS INCIDENTAL TO TOTAL PROJECT COST.
- NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT NOT DEPICTED ON THE CURRENT PLAN SUBMITTAL WILL BE ALLOWED WITHIN OR IMMEDIATELY ADJACENT TO THE NATIONAL REGISTERLISTED BARRY UNIVERSITY HISTORIC DISTRICT NORTH OF STA. 137+00.00.
- ALL IMPROVEMENTS ARE TO BE CONSTRUCTED AND/OR INSTALLED WITHIN THE EXISTING STATE AND/OR LOCAL RIGHT-OF-WAY
- ALL EXISTING TREES WITHIN PROJECT LIMITS WILL REMAIN. ALL EXSITING TREES AND PALMS SHALL BE PROTECTED PER FDOT INDEX 110-100. LIST OF EXSITING TREES IS SHOWN ON THE SURVEY.
- REMOVE EXISTING BOLLARDS LOCATED AT APPROXIMATELY STATIONS 120+60 AND 129+80 THAT INTERFERE WITH PROPOSED SIDEWALK. COST OF REMOVAL SHALL BE PAID UNDER CLEARING AND GRUBBING PAY ITEM 0110-1-1.

PAY ITEM NOTES

- ALL DEMOLITION, WITH THE EXCEPTION OF REMOVAL OF EXISTING PAVEMENTS, SHALL BE PAID UNDER CLEARING AND GRUBBING.

ENVIRONMENTAL NOTES

- ANY MATERIAL TO BE STOCKPILED FOR PERIODS GREATER THAN 24 HOURS SHALL BE PROTECTED BY APPROPRIATE EROSION CONTROL DEVICES.
- REVIEW ENVIRONMENTAL REQUIREMENTS OF ANY PROPOSED STAGING AREAS WITH THE ENGINEER (FRANCISCO ALONSO 305-567-1888) AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO USE.
- CONTRACTOR SHALL NOT STAGE OR OPERATE EQUIPMENT WITHIN THE DRIPLINE OF TREES.
- A NATIONAL POLLUTANT AND DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT IS REQUIRED. STORMWATER, EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE VILLAGE'S MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMIT. A NPDES PERMIT FROM THE FDEP WILL ALSO BE REQUIRED.
- UNIDENTIFIED AREAS OF CONTAMINATION

WHEN ENCOUNTERING OR EXPOSING ANY ABNORMAL CONDITION INDICATING THE PRESENCE OF A HAZARDOUS OR TOXIC WASTE, OR CONTAMINANTS, CEASE OPERATIONS IMMEDIATELY IN THE VICINITY AND NOTIFY THE LAP VILLAGE OF MIAMI SHORES ENGINEER. THE PRESENCE OF TANKS OR BARRELS; DISCOLORED EARTH, METAL, WOOD, GROUND WATER, ETC.; VISIBLE FUMES; ABNORMAL ODORS; EXCESSIVELY HOT EARTH; SMOKE; OR OTHER CONDITIONS THAT APPEAR ABNORMAL MAY INDICATE HAZARDOUS OR TOXIC WASTES OR CONTAMINANTS AND MUST BE TREATED WITH EXTREME CAUTION.

MAKE EVERY EFFORT TO MINIMIZE THE SPREAD OF CONTAMINATION INTO UNCONTAMINATED AREAS. IMMEDIATELY PROVIDE FOR THE HEALTH AND SAFETY OF ALL WORKERS AT THE JOB SITE AND MAKE PROVISIONS NECESSARY FOR THE HEALTH AND SAFETY OF THE PUBLIC THAT MAY BE EXPOSED TO ANY POTENTIALLY HAZARDOUS CONDITIONS. PROVISIONS SHALL MEET ALL APPLICABLE LOCAL, STATE, AND FEDERAL LAWS, RULES, REGULATIONS OR CODES COVERING HAZARDOUS CONDITIONS AND WILL BE IN A MANNER COMMENSURATE WITH THE GRAVITY OF THE CONDITIONS.

THE LAP VILLAGE OF MIAMI SHORES ENGINEER AND/OR CONTRACTOR WILL COORDINATE AND MOBILIZE A QUALIFIED CONTAMINATION ASSESSMENT/REMEDATION (CAR) CONTRACTOR. QUALIFICATIONS OF SUCH CAR CONTRACTOR SHALL INCLUDE, BUT NOT BE LIMITED TO: EXPERIENCE AND PERSONNEL TO PREPARE CONTAMINATION ASSESSMENT PLANS, CONDUCT CONTAMINATION ASSESSMENTS, PREPARE SITE ASSESSMENT REPORTS, REMEDIATION PLANS, IMPLEMENT REMEDIAL ACTION PLANS, RISK BASED CORRECTIVE ACTIONS, STORAGE TANKS SYSTEM REMOVAL, HIGHWAY SPILL RESPONSE AS WELL AS EXPERIENCE WITH INFRASTRUCTURE/CONSTRUCTION ACTIVITIES WITHIN (POTENTIALLY) CONTAMINATED AREAS SPECIFIC TO TRANSPORTATION SYSTEMS.

ALL THE WORK PERFORMED BY THE CONTRACTOR SHALL BE PERFORMED IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS GOVERNING WORKER SAFETY AND ENVIRONMENTAL REGULATIONS. THIS IS TO INCLUDE OCCUPATIONAL EXPOSURE TO CONTAMINATED SOILS, GROUNDWATER, WASTES AND ATMOSPHERE DURING THE CONSTRUCTION OF ALL FEATURES INCLUDED IN THE CONSTRUCTION PLANS. IN ADDITION, THE CONTRACTOR SHALL BE STAFFED WITH FLORIDA LICENSED TECHNICAL PROFESSIONALS (GEOLOGISTS AND ENGINEERS) WHO WILL BE INVOLVED WITH THE PROJECT AND KNOWLEDGEABLE OF THE WORK ACTIVITIES CONDUCTED WITHIN THE IDENTIFIED CONTAMINATED AREAS AND WHO WOULD SIGN AND SEAL PROJECT REPORTS AS REQUIRED FOR SUBMITTAL TO THE APPROPRIATE ENVIRONMENTAL REGULATORY AGENCIES.

THE LAP VILLAGE OF MIAMI SHORES WILL IMMEDIATELY NOTIFY THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DISTRICT VI CONTAMINATION IMPACT COORDINATOR (DCIC) AT (305) 470-5228 AFTER ENCOUNTERING THE UNIDENTIFIED AREAS OF CONTAMINATION. PRELIMINARY INVESTIGATION BY THE CAR CONTRACTOR WILL DETERMINE THE COURSE OF ACTION NECESSARY FOR SITE SECURITY AND THE STEPS NECESSARY UNDER APPLICABLE LAWS, RULES, AND REGULATIONS FOR ADDITIONAL ASSESSMENT AND/OR REMEDIATION WORK TO RESOLVE THE CONTAMINATION ISSUE.

FOLLOWING COMPLETION OF THE PROJECT, THE CAR CONTRACTOR SHALL BE REQUIRED TO PROVIDE COPIES OF ALL REPORTS SUBMITTED TO REGULATORY AGENCIES, WASTE MATERIAL PROFILES, MANIFESTS AND/OR DISPOSAL RECEIPTS FOR THE HANDLING OF ALL CONTAMINATED MEDIA INCLUDING BUT NOT LIMITED TO GROUND WATER, WASTE WATER, SOILS, SOLID WASTES, SLUDGE, HAZARDOUS WASTES, AIR MONITORING RECORDS AND SAMPLE RESULTS FOR ALL MATERIALS TESTED AND ANALYZED TO THE LAP VILLAGE OF MIAMI SHORES AND THE FDOT DCIC

PAVING, GRADING AND DRAINAGE NOTES:

- ALL WORK TO BE IN COMPLIANCE WITH THE REQUIREMENTS OF AND ACCEPTABLE TO VILLAGE OF MIAMI SHORES. PUBLIC WORKS DEPARTMENT, FDOT DISTRICT 6 AND MIAMI-DADE COUNTY'S DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS (MDC - DTPW).
- CONTRACTOR SHALL PROVIDE HIS OWN LINE AND GRADE FROM HORIZONTAL AND VERTICAL CONTROL. CONTRACTOR SHALL ALSO PROVIDE "AS BUILT" GRADES CERTIFIED BY A REGISTERED LAND SURVEYOR AS REQUIRED BY THE VILLAGE OF MIAMI SHORES.
- PAVEMENT RESTORATION AND DRIVEWAY CONSTRUCTION SHALL BY CONSTRUCTED IN ACCORDANCE WITH THE VILLAGE OF MIAMI SHORES.
- BID PRICES SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS COMPLETE IN PLACE, TESTED, AND ACCEPTED BY THE ENGINEER.
- THE CONTRACTOR SHALL USE 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 WORK. COST TO BE INCLUDED IN PAY ITEM 102-1 MAINTENANCE OF TRAFFIC.
- THE CONTRACTOR IS RESPONSIBLE FOR KEEPING EXISTING AND NEW INLETS CLEAN OF MILLING MATERIAL, LIMEROCK, DEBRIS, ETC. THIS SHALL BE DONE DURING THE CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER. ALL EXISTING LINES AND STRUCTURES SHALL BE CLEANED PRIOR TO FINAL INSPECTION AND ACCEPTANCE.
- EXISTING GRADES WERE TAKEN FROM THE BEST AVAILABLE DATA AND MAY NOT ACCURATELY REFLECT PRESENT CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH CURRENT SITE CONDITIONS, AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO STARTING WORK.
- CONTRACTOR SHALL INCLUDE IN THE BID PRICE FOR REMOVAL OF EXISTING CONCRETE PAVEMENT/REMOVAL OF EXISTING CONCRETE THE FOLLOWING ITEMS: STREET NAMES, CONCRETE DRIVEWAY PADS, ASPHALTIC DRIVEWAY PADS, SIDEWALK FLAGS TO BE REPLACED AND CURB RAMPS.

ADA COMPLIANCE NOTES:

- SIDEWALK WITHIN LIMITS OF THE PROJECT MUST BE ACCESSIBLE AND ADA COMPLIANT.
- ALL SIDEWALK WORK MUST COMPLY WITH ADA TITLE II.
- THE MAXIMUM CROSS-SLOPE FOR NEW SIDEWALK AND PEDESTRIAN ACCESS ROUTE (PAR) IS 2%.
- DO NOT "MEET AND MATCH EXISTING SIDEWALK", UNLESS THE EXISTING IS ADA COMPLIANT.
- PROPOSED SIDEWALKS NEED TO BE IN COMPLIANCE WITH ADA AND MDC PUBLIC WORKS MANUAL, AND AS PER CITY STANDARD SPECIFICATIONS.
- MINIMUM SIDEWALK CLEAR PEDESTRIAN ACCESS ROUTE (PAR) IS 48" WIDE.
- NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK UP TO 7'-0" IN HEIGHT.
- ALL LIDS SURFACES OF PULL BOXES, MANHOLES, ETC. IN THE SIDEWALKS ON THE SIDEWALK MUST BE FLUSH AND ADA COMPLIANT.
- DAMAGED CURB AND GUTTER TO BE REPLACED FROM JOINT TO JOINT.
- ALL CURB RAMPS AFFECTED BY THE JOB NEED TO BE REPLACED AS PER FDOT STANDARD PLANS FOR ROAD CONSTRUCTION INDEX NO. 522-002.
- DETECTABLE WARNING SURFACE (DWS) TO BE SELECTED FROM MDC ARTICLE 527 LIST.

UTILITY NOTES

- ALL EXISTING UTILITIES ARE TO REMAIN UNLESS OTHERWISE NOTED.
- PRE-EXCAVATING IN THE ALIGNMENT AND GRADE OF PROPOSED IMPROVEMENTS SHALL BE PERFORMED SEVEN DAYS IN ADVANCE OF ITS CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE UNDERGROUND UTILITY OWNERS AND MIAMI SHORES VILLAGE PROJECT MANAGER A SEVEN DAYS ADVANCE NOTICE OF ANY CONFLICT WITH PROPOSED CONSTRUCTION. THIS NOTIFICATION SHALL PROVIDE SURVEY INFORMATION ABOUT EXISTING UTILITY ALIGNMENT, GRADE AND POSSIBLE CONFLICTS. PAYMENT FOR PRE-EXCAVATING, SURVEY AND BACKFILLING SHALL BE INCLUDED IN THE COST OF THE RELATED BID ITEM FOR THE WORK BEING DONE.
- CONTRACTOR TO EXERCISE EXTREME CAUTION DURING EXCAVATION AND INSTALLATION OF PROPOSED IMPROVEMENTS. ADJUSTMENT TO GUY WIRES, EXIST. VALVE BOXES AND MANHOLES TOPS TO FINISHED GRADE SHALL BE INCLUDED IN THE COST OF THE RELATED BID ITEM FOR THE WORK BEING DONE. CONTRACTOR TO COORDINATE ALL ADJUSTMENTS WITH THE APPROPRIATE UTILITY OWNERS.
- ALL IMPROVEMENTS THAT MUST CROSS, OR RUN PARALLEL, TO AN EXISTING MD-WASD UTILITY SHOULD BE INSTALLED WITH A MINIMUM HORIZONTAL SEPARATION OF 3 FT. (OUTER FACE TO OUTER FACE) FROM ANY MD-WASD UTILITY AND SHALL MEET ALL APPLICABLE REQUIREMENTS SET FORTH IN F.A.C. RULE 62-555.314.
- UTILTY OWNERS TO REMOVE ALL MARKERS THAT OBSTRUCT PEDESTRIAN TRAFFIC WITHIN NEW SIDEWALK LIMITS.

UTILITY COMPANY CONTACT LIST:

AT&T DISTYRIBUTION	DINO FARRUGGIO	561-997-0240
COMCAST CABLE	LEONARD MAXWELL-NEWBOLD	754-221-1254
MIAMI-DADE COUNTY PUBLIC WORKS	OCTAVIO VIDAL	305-412-0891 EXT.201
FDOT 6	THOMAS MILLER	305-491-4391
FLORIDA POWER AND LIGHT-DADE	EDGAR AGUILAR	386-586-6403
MIAMI-DADE WATER AND SEWER	LAZARO GUERRA	786-268-5273
TECO PEOPLE GAS SOUTH FLORIDA	JOAN DOMNING	813-275-3783
FDOT LIGHTING	IGOR DUBROVSKIY	305-640-7431

PROJECT CONTACT LIST:

MIAMI-DADE DEPARTMENT OF TRANSPORTATION & PUBLIC WORKS (DTPW), OFFICE OF SAFETY & SECURITY: (305) 375-4240
MIAMI-DADE DTPW BUS TRAFFIC CONTROL CENTER: (305) 375-2925

NOTE:
CONTACT FDOT DISTRICT MAINTENANCE OFFICE AT 305-470-5363 TO SCHEDULE INSPECTIONS WITHIN FDOT ROW

SYMBOL LEGEND

	Tree		Manhole Unmarked		Double Support Sign
	Palm Tree		Wood Pole		Light Pole
	Single Support Sign		Wiring Pull Box		Concrete Light Pole
	Manhole Drainage		Catch Basin		Valve Unknown
	Curb Inlet		Manhole Sewer		Monitoring Well
	Meter Water		Guard Post		Valve Gas
	Fire Hydrant		Column		Manhole Telephone
	Valve Water		Guy Wire		Irrigation Valve

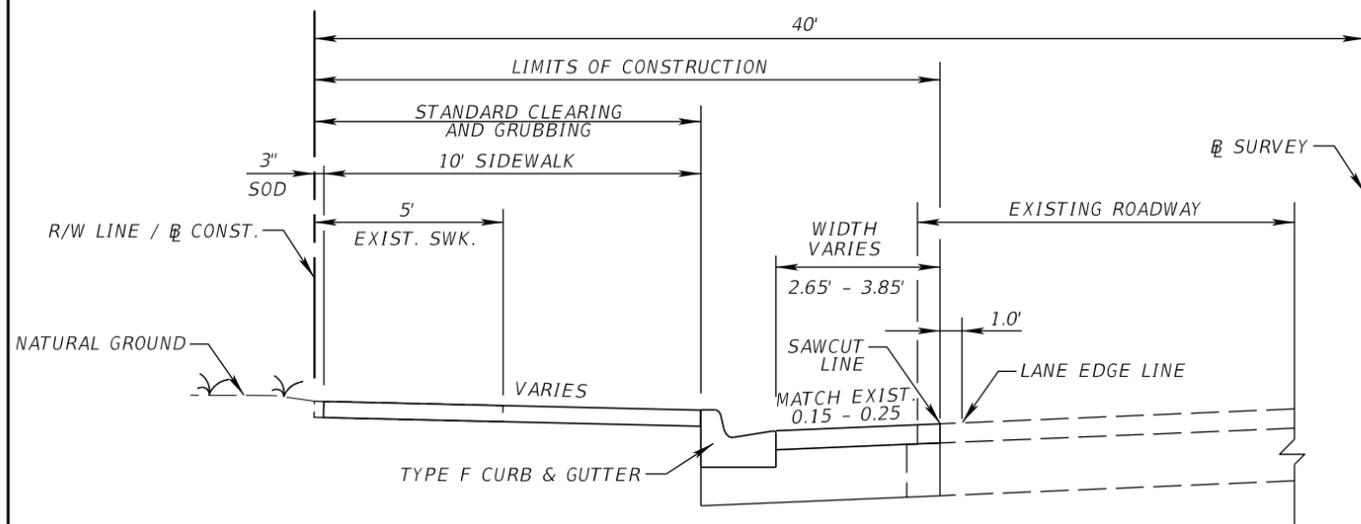
ABBREVIATION

CBS	Concrete Block Stucco
Typ.	Typical
Transf.	Transformer
Conc.	Concrete
El.	Elevation
Sta.	Station
Conc.	Concrete
T.B.M.	Temporary Bench Mark
Fnd.	Found

LINE LEGEND:

	Overhead Line
	Chain link Fence
	Metal Fence

REVISIONS			FRANCISCO J. ALONSO, P.E. P.E. LICENSE NUMBER 66918 T.Y. LIN INTERNATIONAL 201 ALHAMBRA CIRCLE, SUITE 900 CORAL GABLES, FL. 33134 CERTIFICATE OF AUTHORIZATION 00002017	 MIAMI SHORES VILLAGE 10050 N.E. 2ND AVENUE MIAMI SHORES, FL 33138	MIAMI SHORES VILLAGE VILLAGE MULTIMODAL MOBILITY IMPROVEMENTS PROGRAM		<p style="text-align: center;">GENERAL NOTES AND LEGEND</p>	SHEET NO.
DATE	BY	DESCRIPTION			PROJECT NAME	FINANCIAL PROJECT ID.		3
					N.E. 2ND AVE. SIDEWALK WIDENING N.E. 103RD ST. TO N.E. 111TH ST.	438665-1-58-01		



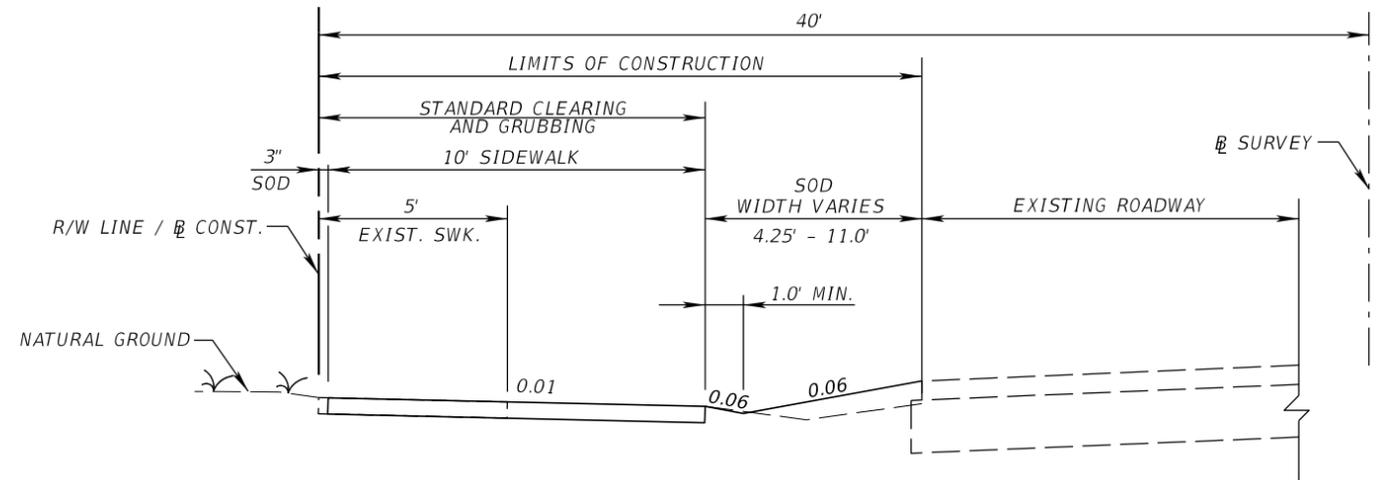
SIDEWALK

OPTIONAL BASE GROUP 1 WITH
4" THICK CONCRETE

PAVEMENT WIDENING

MATCH EXISTING PAVEMENT STRUCTURE

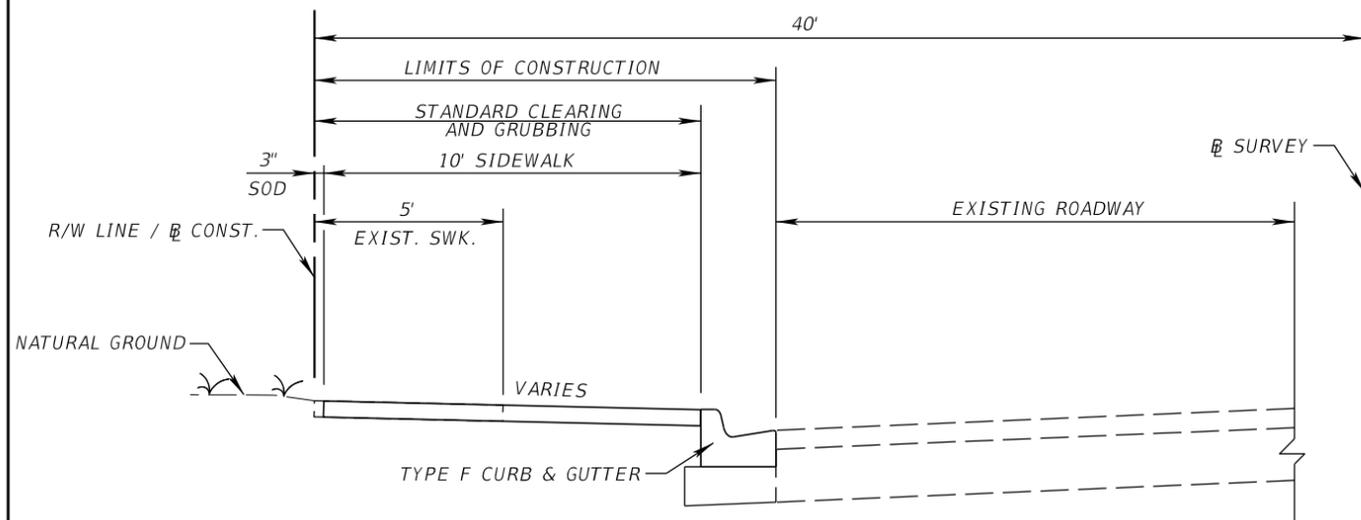
**TYPICAL SECTION
SIDEWALK\PAVEMENT WIDENING
N.E. 2ND AVENUE
STA. 115+90.02 TO STA. 117+52.00**



SIDEWALK

OPTIONAL BASE GROUP 1 WITH
4" THICK CONCRETE

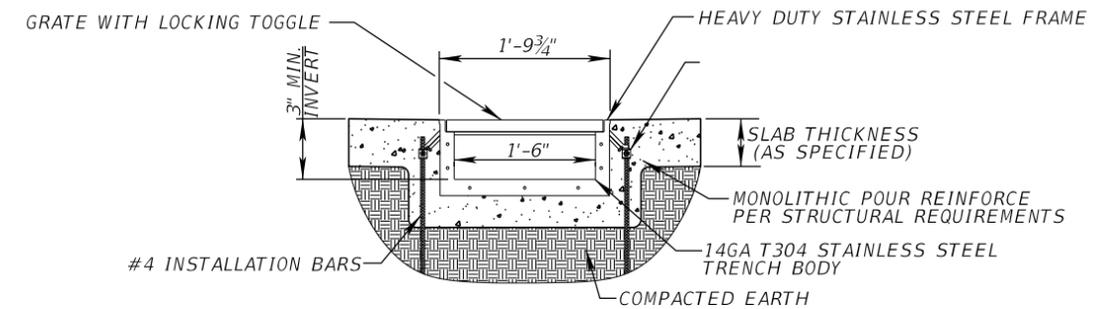
**TYPICAL SECTION
SIDEWALK WIDENING
N.E. 2ND AVENUE
STA. 117+52.00 TO STA. 136+80.86**



SIDEWALK

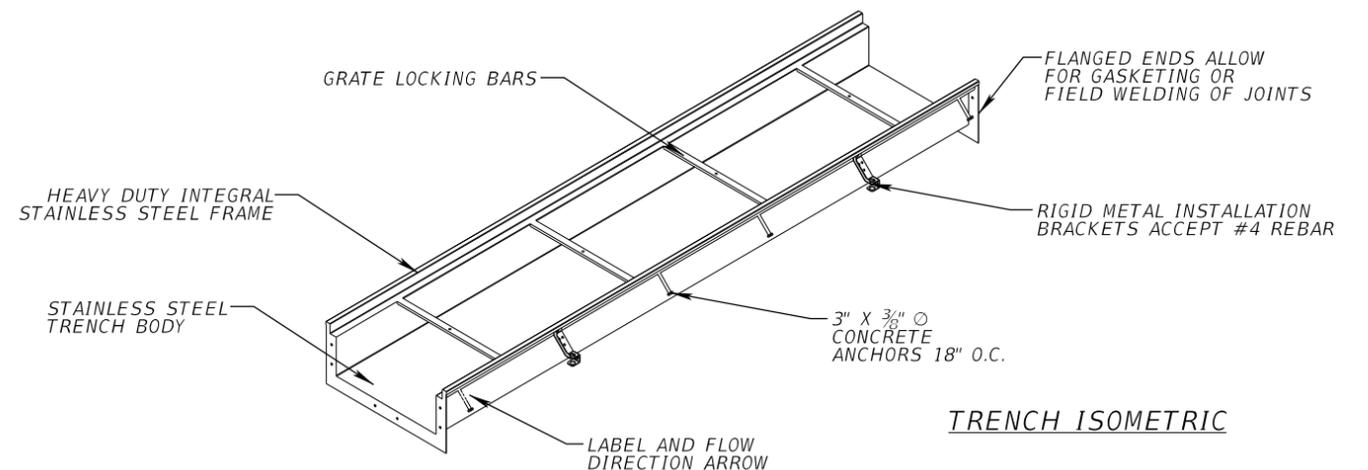
OPTIONAL BASE GROUP 1 WITH
4" THICK CONCRETE

**TYPICAL SECTION
SIDEWALK WIDENING
N.E. 2ND AVENUE
STA. 112+74.87 TO STA. 115+90.02**



- NOTES:
1. STANDARD SLOPE IS 1.0 UNLESS OTHERWISE SPECIFIED
2. REINFORCE ACCORDING TO STRUCTURAL REQUIREMENTS
3. TRENCH DRAIN MUST BE 1/8" BELOW FINISHED CONCRETE GRADE

TRENCH SECTION



TRENCH ISOMETRIC

REVISIONS		
DATE	BY	DESCRIPTION

FRANCISCO J. ALONSO, P.E.
P.E. LICENSE NUMBER 66918
T.Y. LIN INTERNATIONAL
201 ALHAMBRA CIRCLE, SUITE 900
CORAL GABLES, FL. 33134
CERTIFICATE OF AUTHORIZATION 00002017



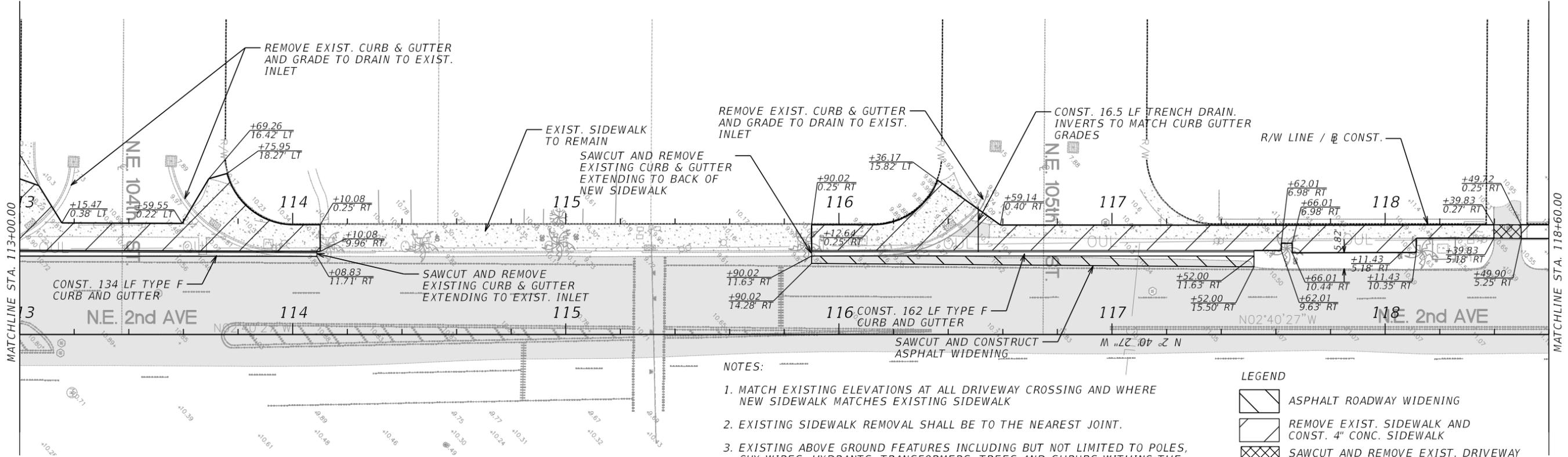
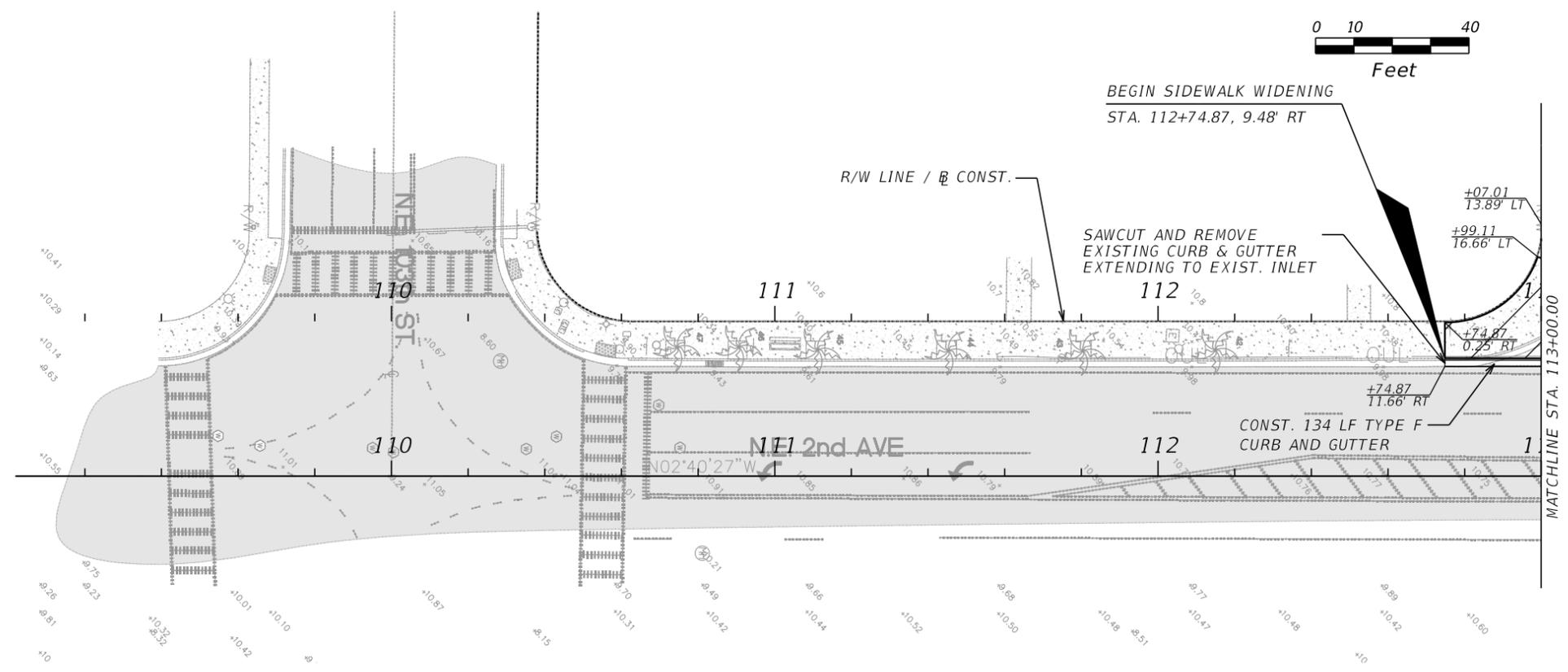
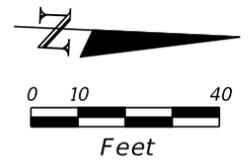
MIAMI SHORES VILLAGE
10050 N.E. 2ND AVENUE
MIAMI SHORES, FL 33138

MIAMI SHORES VILLAGE VILLAGE MULTIMODAL MOBILITY IMPROVEMENTS PROGRAM	
PROJECT NAME	FINANCIAL PROJECT ID.
N.E. 2ND AVE. SIDEWALK WIDENING N.E. 103RD ST. TO N.E. 111TH ST.	438665-1-58-01

**TYPICAL SECTION AND
CONSTRUCTION DETAILS**

SHEET
NO.

4



NOTES:

1. MATCH EXISTING ELEVATIONS AT ALL DRIVEWAY CROSSING AND WHERE NEW SIDEWALK MATCHES EXISTING SIDEWALK
2. EXISTING SIDEWALK REMOVAL SHALL BE TO THE NEAREST JOINT.
3. EXISTING ABOVE GROUND FEATURES INCLUDING BUT NOT LIMITED TO POLES, GUY WIRES, HYDRANTS, TRANSFORMERS, TREES AND SHRUBS WITHING THE CONSTRUCTION LIMITS ARE TO REMAIN UNLESS OTHERWISE NOTED.
4. UTILITY COVERS IN LIMITS OF SIDEWALK TO BE ADJUSTED TO FINISHED GRADE.

LEGEND

- ASPHALT ROADWAY WIDENING
- REMOVE EXIST. SIDEWALK AND CONST. 4" CONC. SIDEWALK
- SAWCUT AND REMOVE EXIST. DRIVEWAY AND CONST. 6" CONC. SIDEWALK
- EXISTING ASPHALT PAVEMENT (TO REMAIN)

REVISIONS		
DATE	BY	DESCRIPTION

FRANCISCO J. ALONSO, P.E.
 P.E. LICENSE NUMBER 66918
 T.Y. LIN INTERNATIONAL
 201 ALHAMBRA CIRCLE, SUITE 900
 CORAL GABLES, FL. 33134
 CERTIFICATE OF AUTHORIZATION 00002017



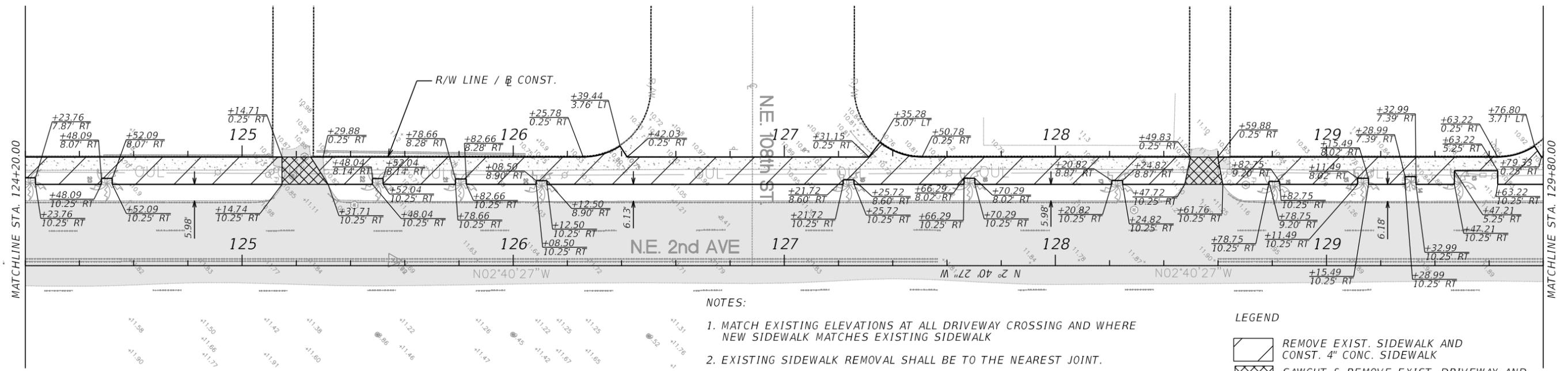
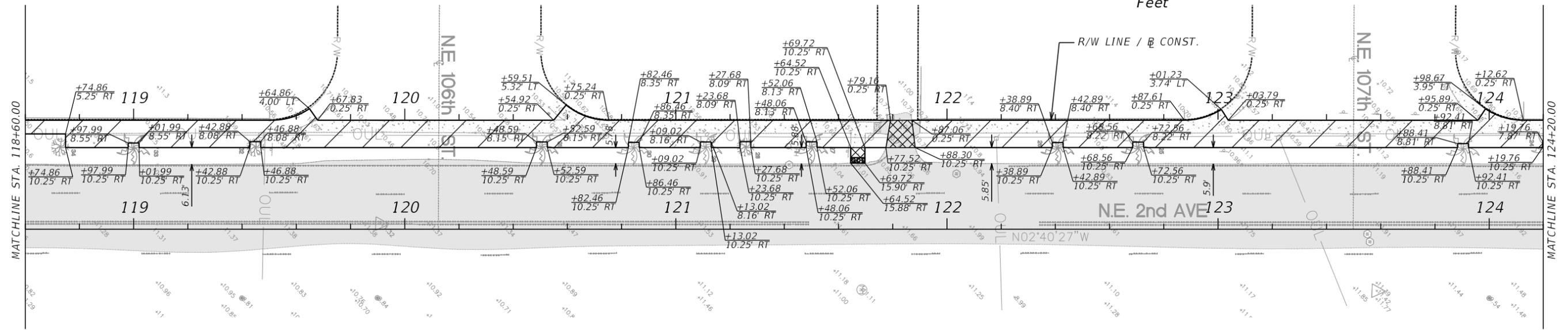
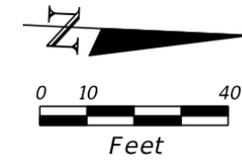
MIAMI SHORES VILLAGE
 VILLAGE MULTIMODAL MOBILITY
 IMPROVEMENTS PROGRAM

10050 N.E. 2ND AVENUE
 MIAMI SHORES, FL 33138

PROJECT NAME	FINANCIAL PROJECT ID.
N.E. 2ND AVE. SIDEWALK WIDENING N.E. 103RD ST. TO N.E. 111TH ST.	438665-1-58-01

SIDEWALK PLAN

SHEET NO.
5



NOTES:

1. MATCH EXISTING ELEVATIONS AT ALL DRIVEWAY CROSSING AND WHERE NEW SIDEWALK MATCHES EXISTING SIDEWALK
2. EXISTING SIDEWALK REMOVAL SHALL BE TO THE NEAREST JOINT.
3. EXISTING ABOVE GROUND FEATURES INCLUDING BUT NOT LIMITED TO POLES, GUY WIRES, HYDRANTS, TRANSFORMERS, TREES AND SHRUBS WITHIN THE CONSTRUCTION LIMITS ARE TO REMAIN UNLESS OTHERWISE NOTED.
4. UTILITY COVERS IN LIMITS OF SIDEWALK TO BE ADJUSTED TO FINISHED GRADE.

LEGEND

- REMOVE EXIST. SIDEWALK AND CONST. 4" CONC. SIDEWALK
- SAWCUT & REMOVE EXIST. DRIVEWAY AND CONST. 6" CONC. SIDEWALK
- PEDESTRIAN DETECTABLE WARNINGS
- EXISTING ASPHALT PAVEMENT (TO REMAIN)

REVISIONS		
DATE	BY	DESCRIPTION

FRANCISCO J. ALONSO, P.E.
 P.E. LICENSE NUMBER 66918
 T.Y. LIN INTERNATIONAL
 201 ALHAMBRA CIRCLE, SUITE 900
 CORAL GABLES, FL. 33134
 CERTIFICATE OF AUTHORIZATION 00002017



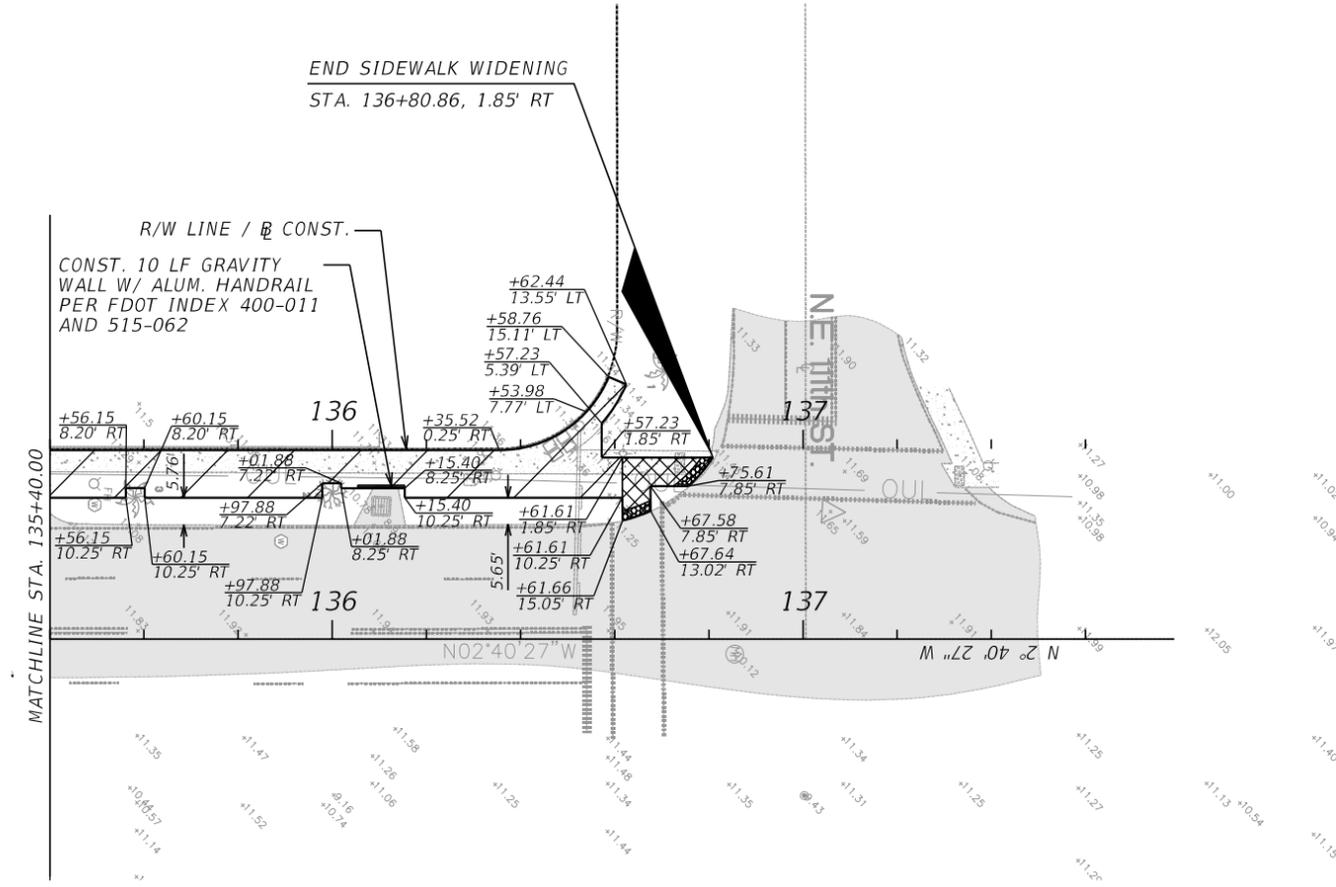
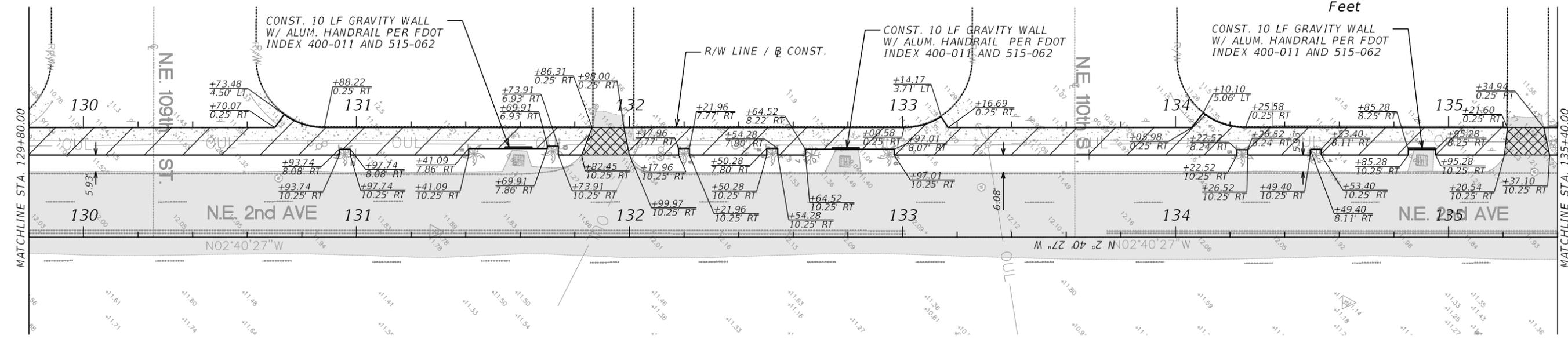
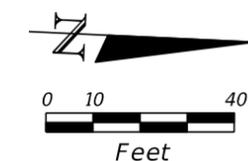
MIAMI SHORES VILLAGE
 VILLAGE MULTIMODAL MOBILITY
 IMPROVEMENTS PROGRAM

PROJECT NAME		FINANCIAL PROJECT ID.
N.E. 2ND AVE. SIDEWALK WIDENING N.E. 103RD ST. TO N.E. 111TH ST.		438665-1-58-01

SIDEWALK PLAN

SHEET NO.

6



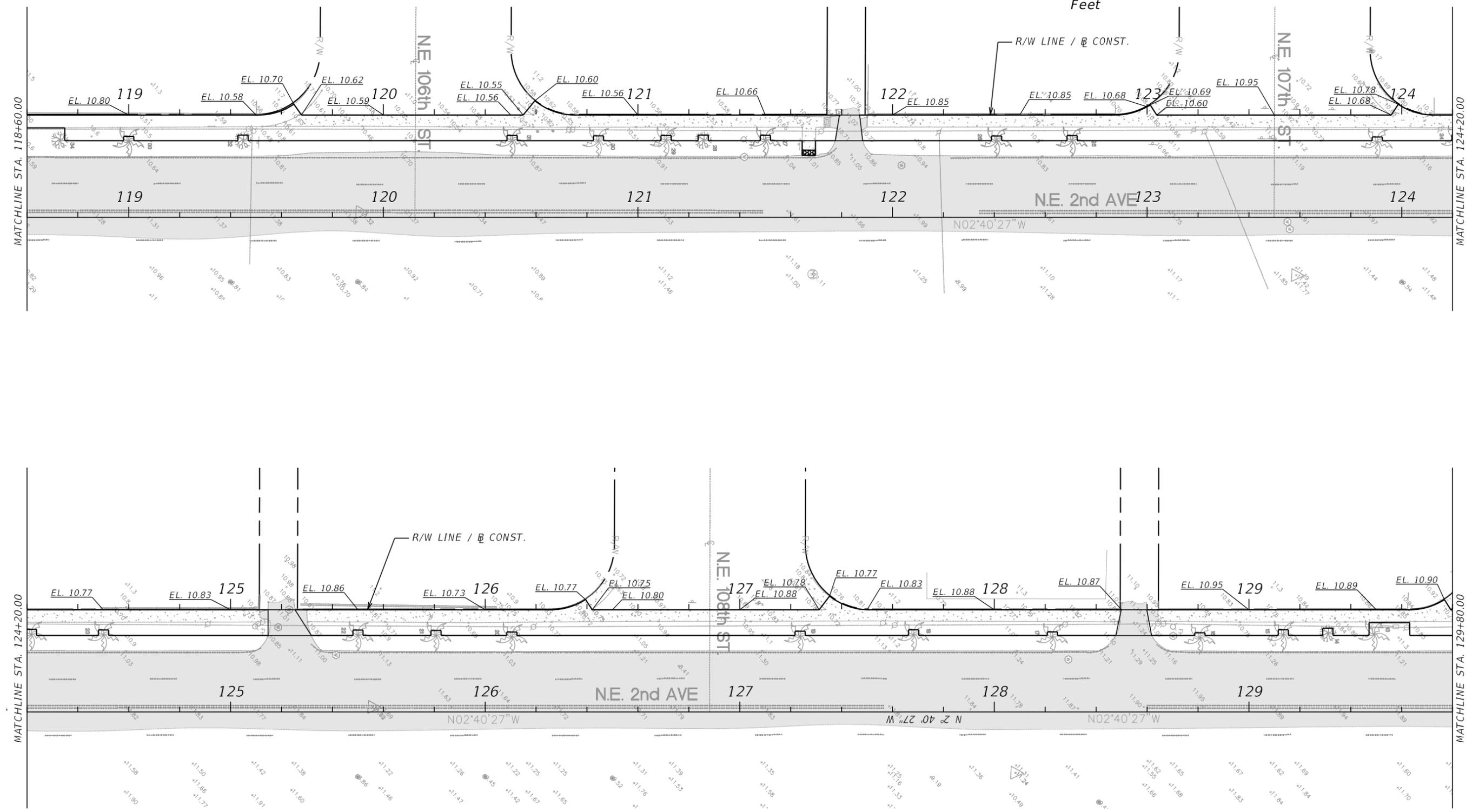
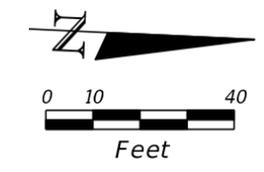
NOTES:

1. MATCH EXISTING ELEVATIONS AT ALL DRIVEWAY CROSSING AND WHERE NEW SIDEWALK MATCHES EXISTING SIDEWALK
2. EXISTING SIDEWALK REMOVAL SHALL BE TO THE NEAREST JOINT.
3. EXISTING ABOVE GROUND FEATURES INCLUDING BUT NOT LIMITED TO POLES, GUY WIRES, HYDRANTS, TRANSFORMERS, TREES AND SHRUBS WITHING THE CONSTRUCTION LIMITS ARE TO REMAIN UNLESS OTHERWISE NOTED.
4. UTILITY COVERS IN LIMITS OF SIDEWALK TO BE ADJUSTED TO FINISHED GRADE.

LEGEND

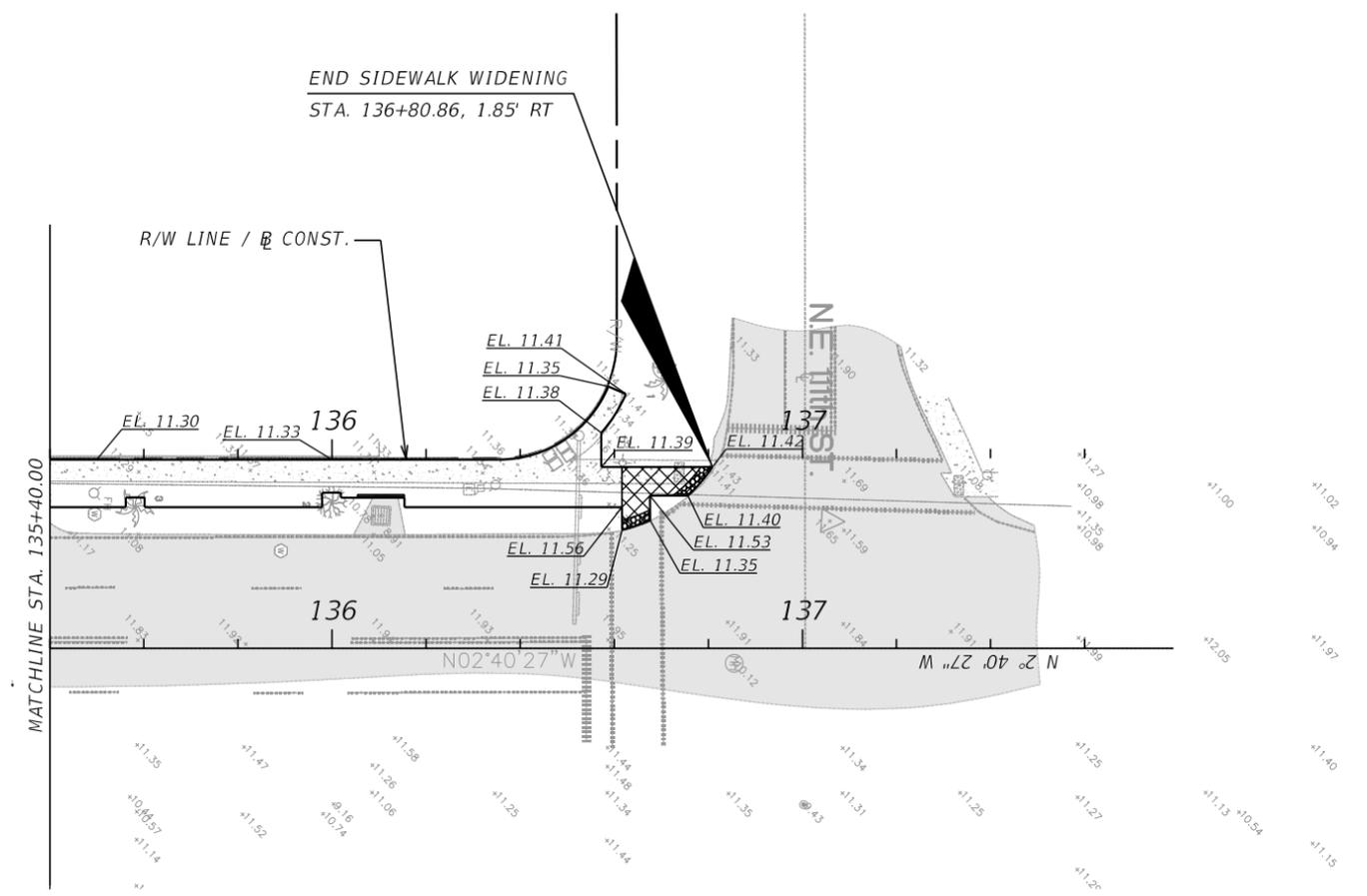
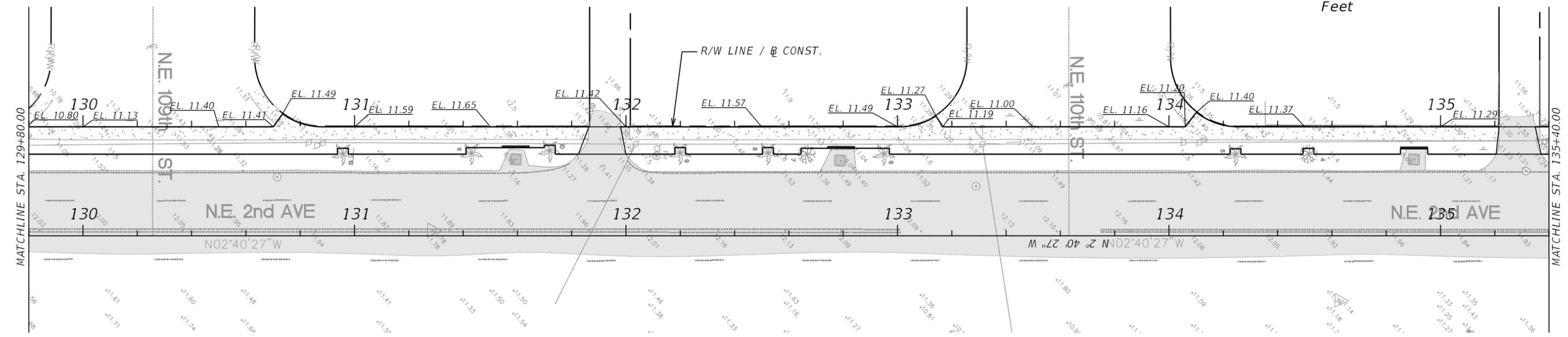
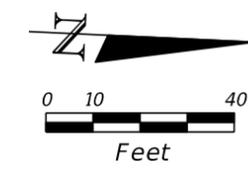
-  REMOVE EXIST. SIDEWALK AND CONST. 4" CONC. SIDEWALK
-  SAWCUT AND REMOVE EXIST. DRIVEWAY AND CONST. 6" CONC. SIDEWALK
-  PEDESTRIAN DETECTABLE WARNINGS
-  EXISTING ASPHALT PAVEMENT (TO REMAIN)

REVISIONS			 FRANCISCO J. ALONSO, P.E. P.E. LICENSE NUMBER 66918 T.Y. LIN INTERNATIONAL 201 ALHAMBRA CIRCLE, SUITE 900 CORAL GABLES, FL. 33134 CERTIFICATE OF AUTHORIZATION 00002017	 MIAMI SHORES VILLAGE 10050 N.E. 2ND AVENUE MIAMI SHORES, FL 33138	MIAMI SHORES VILLAGE VILLAGE MULTIMODAL MOBILITY IMPROVEMENTS PROGRAM		<h2 style="margin: 0;">SIDEWALK PLAN</h2>	SHEET NO. 7
DATE	BY	DESCRIPTION			PROJECT NAME	FINANCIAL PROJECT ID.		
					N.E. 2ND AVE. SIDEWALK WIDENING N.E. 103RD ST. TO N.E. 111TH ST.	438665-1-58-01		



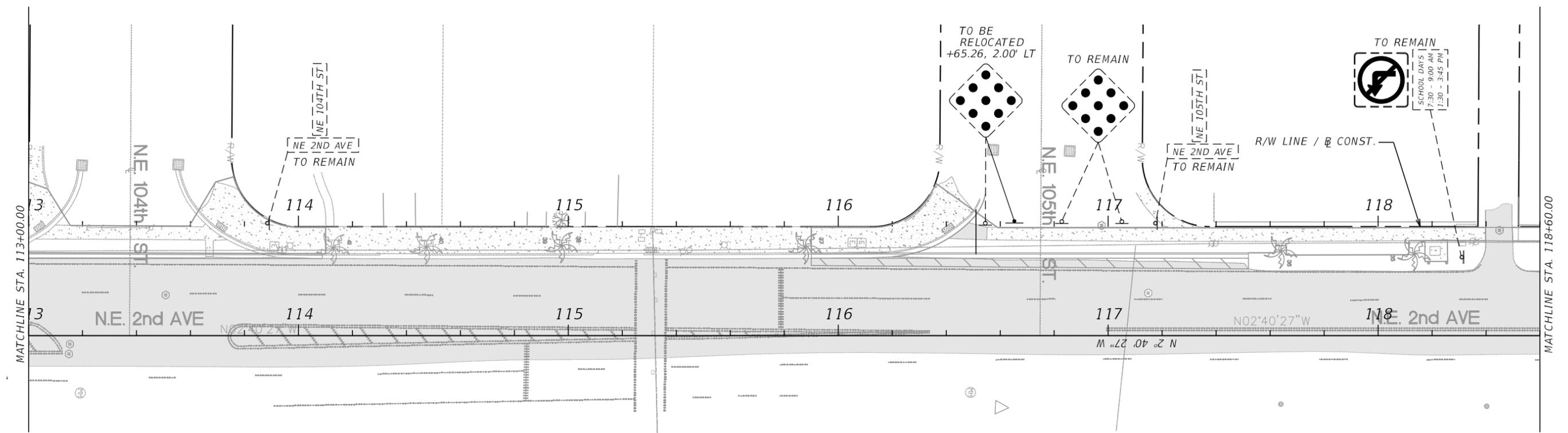
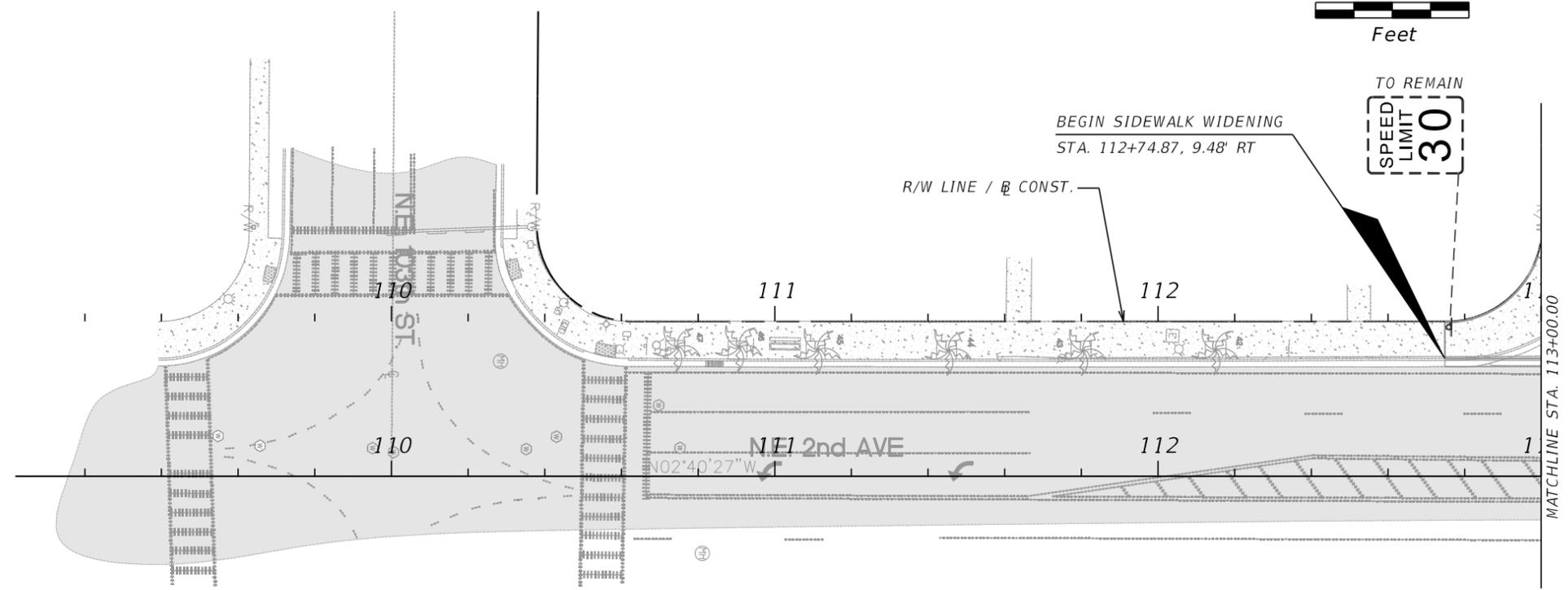
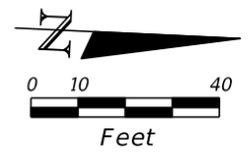
NOTES:
 1. MATCH EXISTING ELEVATIONS AT ALL DRIVEWAY CROSSING AND WHERE NEW SIDEWALK MATCHES EXISTING SIDEWALK.

REVISIONS			FRANCISCO J. ALONSO, P.E. P.E. LICENSE NUMBER 66918 T.Y. LIN INTERNATIONAL 201 ALHAMBRA CIRCLE, SUITE 900 CORAL GABLES, FL. 33134 CERTIFICATE OF AUTHORIZATION 00002017	 MIAMI SHORES VILLAGE 10050 N.E. 2ND AVENUE MIAMI SHORES, FL 33138	MIAMI SHORES VILLAGE VILLAGE MULTIMODAL MOBILITY IMPROVEMENTS PROGRAM		<i>SIDEWALK GRADING PLAN</i>	SHEET NO. 9
DATE	BY	DESCRIPTION			PROJECT NAME	FINANCIAL PROJECT ID.		
					N.E. 2ND AVE. SIDEWALK WIDENING N.E. 103RD ST. TO N.E. 111TH ST.	438665-1-58-01		



- NOTES:
1. MATCH EXISTING ELEVATIONS AT ALL DRIVEWAY CROSSING AND AND WHERE NEW SIDEWALK MATCHES EXISTING SIDEWALK.

REVISIONS			FRANCISCO J. ALONSO, P.E. P.E. LICENSE NUMBER 66918 T.Y. LIN INTERNATIONAL 201 ALHAMBRA CIRCLE, SUITE 900 CORAL GABLES, FL. 33134 CERTIFICATE OF AUTHORIZATION 00002017	 MIAMI SHORES VILLAGE 10050 N.E. 2ND AVENUE MIAMI SHORES, FL 33138	MIAMI SHORES VILLAGE VILLAGE MULTIMODAL MOBILITY IMPROVEMENTS PROGRAM		<i>SIDEWALK GRADING PLAN</i>	SHEET NO. 10
DATE	BY	DESCRIPTION			PROJECT NAME	FINANCIAL PROJECT ID.		
					N.E. 2ND AVE. SIDEWALK WIDENING N.E. 103RD ST. TO N.E. 111TH ST.	438665-1-58-01		



REVISIONS		
DATE	BY	DESCRIPTION

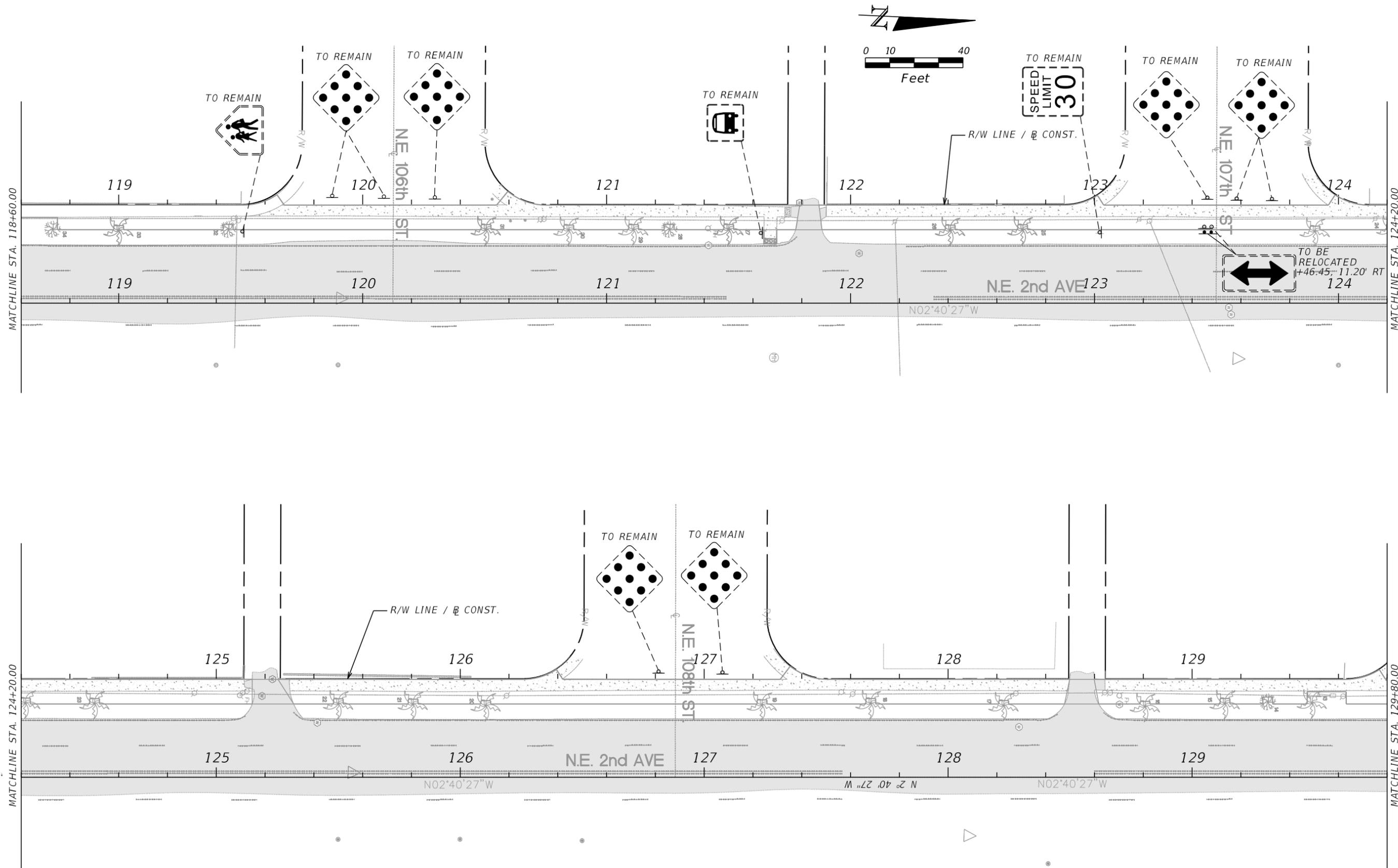
FRANCISCO J. ALONSO, P.E.
 P.E. LICENSE NUMBER 66918
 T.Y. LIN INTERNATIONAL
 201 ALHAMBRA CIRCLE, SUITE 900
 CORAL GABLES, FL. 33134
 CERTIFICATE OF AUTHORIZATION 00002017

MIAMI SHORES VILLAGE
 10050 N.E. 2ND AVENUE
 MIAMI SHORES, FL 33138

MIAMI SHORES VILLAGE VILLAGE MULTIMODAL MOBILITY IMPROVEMENTS PROGRAM	
PROJECT NAME	FINANCIAL PROJECT ID.
N.E. 2ND AVE. SIDEWALK WIDENING N.E. 103RD ST. TO N.E. 111TH ST.	438665-1-58-01

SIGNING PLAN

SHEET NO.
11



REVISIONS		
DATE	BY	DESCRIPTION

FRANCISCO J. ALONSO, P.E.
P.E. LICENSE NUMBER 66918
T.Y. LIN INTERNATIONAL
201 ALHAMBRA CIRCLE, SUITE 900
CORAL GABLES, FL. 33134
CERTIFICATE OF AUTHORIZATION 00002017

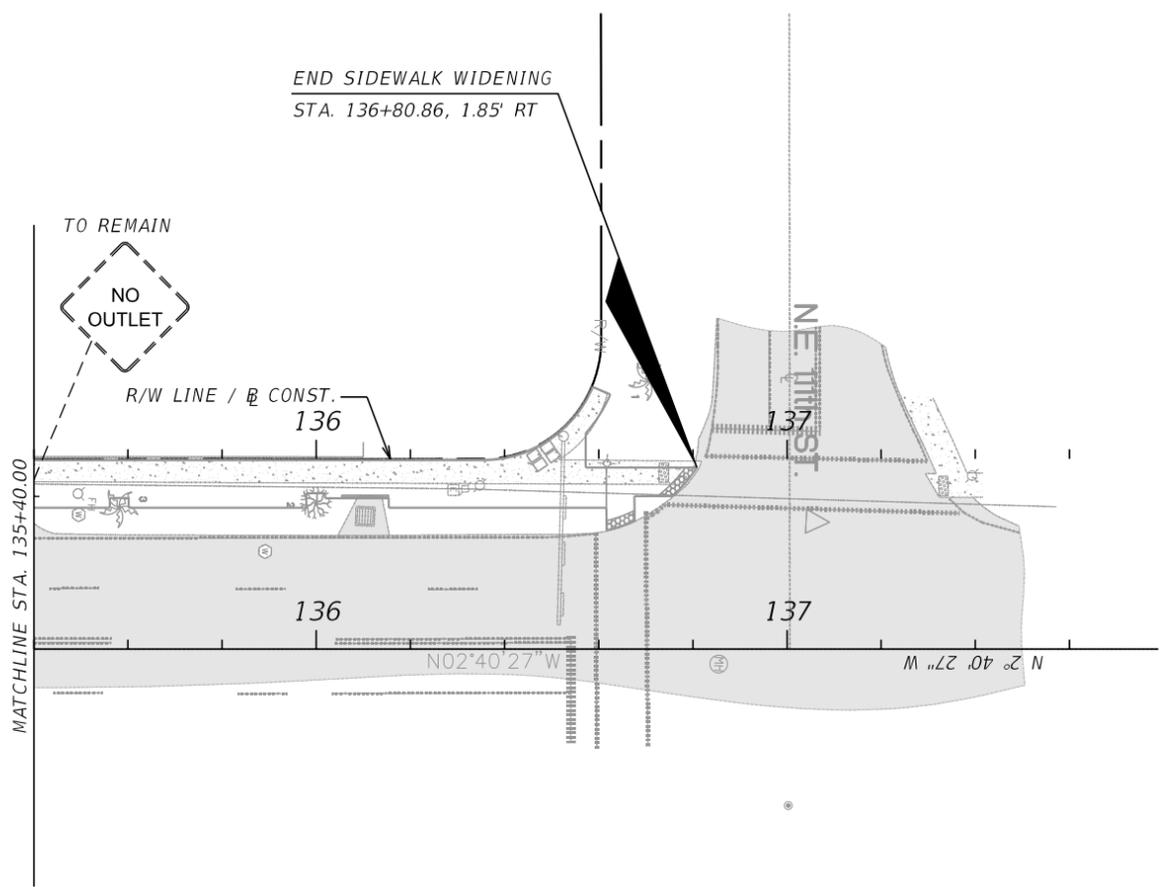
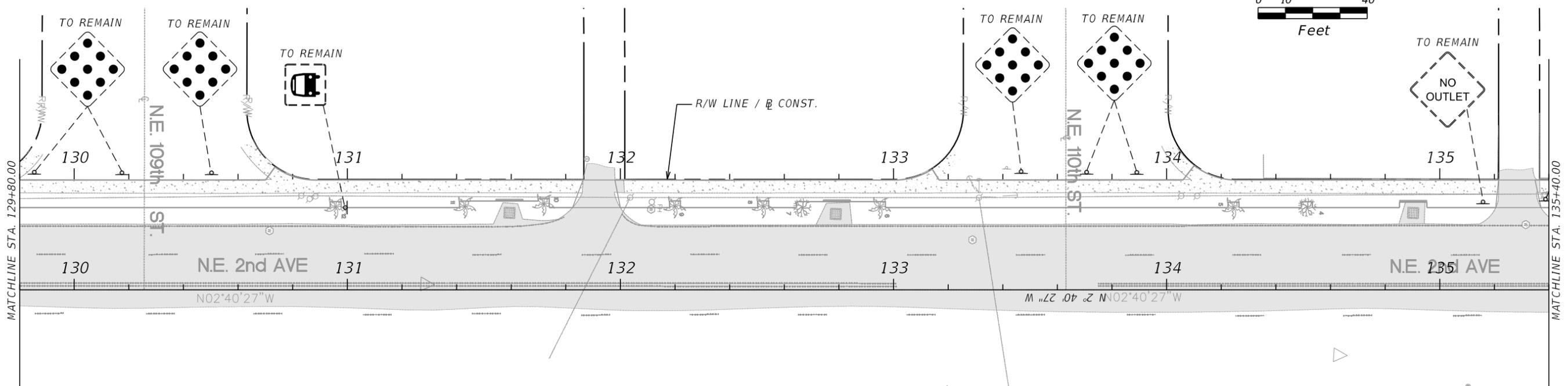
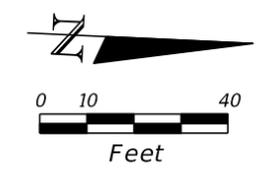


MIAMI SHORES VILLAGE
10050 N.E. 2ND AVENUE
MIAMI SHORES, FL 33138

MIAMI SHORES VILLAGE VILLAGE MULTIMODAL MOBILITY IMPROVEMENTS PROGRAM	
PROJECT NAME	FINANCIAL PROJECT ID.
N.E. 2ND AVE. SIDEWALK WIDENING N.E. 103RD ST. TO N.E. 111TH ST.	438665-1-58-01

SIGNING PLAN

SHEET NO.
12



REVISIONS			FRANCISCO J. ALONSO, P.E. P.E. LICENSE NUMBER 66918 T.Y. LIN INTERNATIONAL 201 ALHAMBRA CIRCLE, SUITE 900 CORAL GABLES, FL. 33134 CERTIFICATE OF AUTHORIZATION 00002017	 MIAMI SHORES VILLAGE 10050 N.E. 2ND AVENUE MIAMI SHORES, FL 33138	MIAMI SHORES VILLAGE VILLAGE MULTIMODAL MOBILITY IMPROVEMENTS PROGRAM		SIGNING PLAN	SHEET NO. 13
DATE	BY	DESCRIPTION			PROJECT NAME	FINANCIAL PROJECT ID.		
					N.E. 2ND AVE. SIDEWALK WIDENING N.E. 103RD ST. TO N.E. 111TH ST.	438665-1-58-01		

STORM WATER POLLUTION PREVENTION NOTES:

THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN CONTAINS REFERENCES TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE DESIGN STANDARDS, AND OTHER SHEETS OF THESE CONSTRUCTION PLANS. THE FIRST SHEET OF THE CONSTRUCTION PLANS KEY SHEET CONTAINS AN INDEX TO THE OTHER SHEETS. THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN INCLUDES SEVERAL ITEMS: THIS NARRATIVE DESCRIPTION, THE DOCUMENTS REFERENCED IN THIS NARRATIVE, THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN REQUIRED BY SPECIFICATION SECTION 104, AND REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION.

- A. THE FOLLOWING NARRATIVE AND REFERENCED DOCUMENTS.
- B. THE CONTRACTOR'S APPROVED EROSION AND SEDIMENT CONTROL PLAN REQUIRED BY STANDARD PLANS INDEX 570-001.
- C. REPORT OF INSPECTIONS MADE DURING CONSTRUCTION.

1.0 SITE DESCRIPTION

1.A. NATURE OF CONSTRUCTION ACTIVITY:

THE PLAN DELINEATED IN THIS SWPPP IS FOR CONSTRUCTION ACTIVITIES ALONG NE 2ND AVE FROM NE 103RD STREET TO NE 111TH STREET. THE PROJECT INCLUDES CONSTRUCTION OF SIDEWALK IMPROVEMENTS, CURB AND GUTTER AND GRAVITY WALL W/ HANDRAIL.

1.B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

IN THE SECTION 104 EROSION & SEDIMENT CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A DETAIL SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES DESCRIBED BELOW, UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SEQUENCE THAT IS THE EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER.

INSTALL PERIMETER EROSION AND SEDIMENT CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE CLEARING AND GRUBBING OTHER AREAS OF THE SITE.

1. CLEARING AND GRUBBING.
2. CURB AND GUTTER
3. GRAVITY WALL
4. SIDEWALK

1.C. AREA ESTIMATES

TOTAL PROJECT AREA: 0.88 ACRES
TOTAL AREA TO BE DISTURBED: 0.88 ACRES

1.D. RUNOFF DATA

Runoff Coefficients:

Before Construction: 0.62
During Construction: 0.69
After Construction: 0.69

1.E. SITE MAP

THE SHEETS CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAPS. THE LOCATION OF THE REQUIRED INFORMATION IS DESCRIBED BELOW. THE SHEET NUMBERS FOR THE PLANS REFERENCED IN THIS SECTION ARE IDENTIFIED ON THE KEY SHEET OF THE PLANS.

- * APPROXIMATE SLOPES: THE PLANS MAINTAINS A 2% TYPICAL CROSS SLOPE AS INDICATED ON THE TYPICAL SECTION.
- * AREAS OF SOIL DISTURBANCE: THE LIMITS OF SOIL DISTURBANCE ARE SHOWN ON THE TYPICAL SECTION SHEETS AND PLANS SHEETS.
- * AREAS NOT TO BE DISTURBED: AREAS OUTSIDE THE SIDEWALK LIMITS.
- * LOCATIONS OF TEMPORARY CONTROLS: ROCK BAGS WILL BE LOCATED AROUND ALL EXISTING AND PROPOSED INLETS; TURBIDITY BARRIERS WILL BE LOCATED AT ANY BODIES OF WATER AFFECTED BY THIS PROJECT.
- * LOCATIONS OF PERMANENT CONTROLS: PERMANENT FEATURES ARE SHOWN ON THE CONSTRUCTION PLANS, WHICH GENERALLY CONSIST OF SOD, ASPHALT, CONCRETE, AND DRAINAGE STRUCTURES.
- * SURFACE WATERS: NONE
- * WETLAND AREAS: NONE
- * AREAS TO BE STABILIZED: NEW SIDEWALK AND SODDED AREAS

2.0 CONTROLS

2.A. EROSION AND SEDIMENT CONTROLS:

IN THE SECTION 104 EROSION AND SEDIMENT CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES BASED ON THE CONTRACTOR'S TRAFFIC CONTROL PLAN. THE FOLLOWING RECOMMENDED GUIDELINES ARE BASED ON THE TRAFFIC CONTROL PLAN (TCP) OUTLINED IN THESE CONSTRUCTION PLANS. THE CONTRACTOR MAY CHOOSE TO ACCEPT THE FOLLOWING GUIDELINES OR MODIFY THEM IN THE SECTION 104 EROSION CONTROL PLAN, SUBJECT TO APPROVAL OF THE ENGINEER. AS WORK PROGRESSES, THE CONTRACTOR SHALL MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITIES AND THE NEED FOR BETTER PRACTICES. TO LIMIT THE TRANSPORT OF SEDIMENT FROM THE CONSTRUCTION AREA, THE CONTRACTOR SHALL MINIMIZE THE SOIL AREAS EXPOSED AT ANY GIVEN TIME AND SHALL STABILIZE AREAS THAT WILL REMAIN IDLE FOR MORE THAN 7 DAYS. THE CONTRACTOR SHALL UTILIZE GRADING TECHNIQUES TO DIRECT RUNOFF TO AREAS WITH THE PROPER EROSION CONTROL FEATURES INSTALLED AND AWAY FROM OPEN WATER OR OTHER SENSITIVE AREAS ADJACENT TO THE WORK SITE.

2.A.1 STABILIZATION PRACTICES:

IN THE SECTION 104 EROSION & SEDIMENT CONTROL PLANS, THE CONTRACTOR SHALL DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 14 DAYS. IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED THE STABILIZATION PRACTICES PROPOSED BY THE CONTRACTOR SHALL INCLUDE AT LEAST THE FOLLOWING:

- PERMANENT:
- * ASPHALT OR CONCRETE SURFACE.
 - * SOD IN ACCORDANCE WITH ORDINANCE 12636.

2.A.2 STRUCTURAL PRACTICES:

IN THE SECTION 104 EROSION & SEDIMENT CONTROL PLANS, THE CONTRACTOR SHALL DESCRIBE THE STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. ALL SEDIMENTS CONTROLS SHALL BE IN PLACE BEFORE ANY SOIL DISTURBING ACTIVITY UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES PROPOSED BY THE CONTRACTOR SHALL INCLUDE AT LEAST THE FOLLOWING:

- TEMPORARY:
- * INLET PROTECTION PER SPECIFICATIONS SECTION 104.
- PERMANENT:
- * CURB AND GUTTER
 - * DRAINAGE STRUCTURES
 - * SOD

2.C. OTHER CONTROLS:

THE CONTRACTOR SHALL PRACTICE GOOD HOUSEKEEPING BY INSTITUTING A CLEAN, ORDERLY CONSTRUCTION SITE; THE FOLLOWING CONTROLS SHALL BE IMPLEMENTED TO FURTHER REDUCE POLLUTION AT THE PROJECT SITE:

2.C.1. DISCHARGE OF MATERIAL TO SURFACE WATERS:

NO CONSTRUCTION MATERIAL SHALL BE DISCHARGE TO WATERS OF THE STATE UNLESS AUTHORIZED BY SECTION 40. PERMIT AND/OR CONSTRUCTION DEBRIS SHALL BE DISPOSED OF IN AN APPROVED UPLAND LOCATION. BUILDING MATERIAL SHALL NOT BE DISPOSED OF IN WETLANDS OR BURIED ON-SITE. IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIAL. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

- * PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT LIMITS DURING CONSTRUCTION ACTIVITIES.
- * DISPOSE OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
- * DISPOSE OF SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS OFF THE PROJECT SITE BUT NOT IN SURFACE WATERS OR WETLANDS.

2.C.2. OFF-SITE VEHICLE TRACKING AND DUST CONTROL:

THE CONTRACTOR SHALL TAKE MEASURES TO INSURE THE CLEANUP OF THE SEDIMENTS THAT HAVE BEEN TRACKED BY VEHICLES OR HAVE BEEN TRANSPORTED BY WIND OR STORM WATER ABOUT THE SITE OR ONTO NEARBY ROADWAYS. STABILIZED CONSTRUCTION ENTRANCES AND CONSTRUCTION ROADS, IF APPROPRIATE, SHALL BE IMPLEMENTED IN ORDER TO REDUCE OFF-SITE TRACKING. LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPULIN. EXCESS DIRT ON THE ROAD SHALL BE REMOVED DAILY. PROVIDE A STREET SWEEPING PLAN TO THE CITY INSPECTOR.

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING UNLESS OTHERWISE APPROVED BY THE ENGINEER.

- * COVER LOADED HAUL TRUCKS WITH TARPAULINS.
- * REMOVE EXCESS DIRT FROM ROADS DAILY.
- * STABILIZE CONSTRUCTION ENTRANCES ACCORDING TO DESIGN STANDARDS 106. (CONSTRUCTION ENTRANCES ARE ALREADY STABILIZED FOR THIS PROJECT)

REVISIONS			FRANCISCO J. ALONSO, P.E. P.E. LICENSE NUMBER 66918 T.Y. LIN INTERNATIONAL 201 ALHAMBRA CIRCLE, SUITE 900 CORAL GABLES, FL. 33134 CERTIFICATE OF AUTHORIZATION 00002017	 MIAMI SHORES VILLAGE 10050 N.E. 2ND AVENUE MIAMI SHORES, FL 33138	MIAMI SHORES VILLAGE VILLAGE MULTIMODAL MOBILITY IMPROVEMENTS PROGRAM		STORMWATER POLLUTION PREVENTION PLAN NOTES	SHEET NO. 14
DATE	BY	DESCRIPTION			PROJECT NAME	FINANCIAL PROJECT ID.		
					N.E. 2ND AVE. SIDEWALK WIDENING N.E. 103RD ST. TO N.E. 111TH ST.	438665-1-58-01		

STORM WATER POLLUTION PREVENTION NOTES CONTINUED:

2.C.3. WASTE DISPOSAL, SANITARY SEWER OR SEPTIC TANK REGULATIONS:

THE CONTRACTOR SHALL DEMONSTRATE THE PROPER DISPOSAL OF ALL CONSTRUCTION WASTE GENERATED WITHIN THE PROJECT LIMITS. WASTE MAY INCLUDE, BUT NOT LIMITED TO, VEGETATION FROM CLEANING AND GRUBBING ACTIVITIES, PACKAGING MATERIAL, SCRAP BUILDING MATERIAL, LITTER FROM TRAVELING PUBLIC, SEWAGE FROM SANITARY FACILITIES, HERBICIDES AND PESTICIDES AND THEIR CONTAINERS, AND HYDROCARBON PRODUCTS SHALL BE DESIGNATE A WASTE COLLATION AREA ON SITE AND DELINEATE THE AREA ON THE SWPPP SITE MAP.
 SANITARY SEPTIC FACILITIES SHALL BE PROVIDED AND MAINTAINED IN A NEAT AND SANITARY CONDITION, FOR THE USE OF THE CONTRACTOR'S EMPLOYEES AS NECESSARY TO COMPLY WITH THE REQUIREMENTS AND REGULATIONS OF THE STATE AND LOCAL BOARDS OF HEALTH. A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY THE STATE REGULATIONS WILL COLLECT ALL SANITARY WASTE FROM PORTABLE UNITS.
 THE CONTRACTOR WILL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT LIMITS DURING CONSTRUCTION ACTIVITIES. CONTRACTOR WILL PROVIDE AN ADEQUATE NUMBER OF LITTER CONTAINERS WITH LIDS AT THIS STAGING STOCKPILE AND FIELD OFFICE AREAS. WASTE COLLECTION WILL BE SCHEDULED SO THAT CONTAINERS ARE EMPTIED PRIOR TO OVERFLOW. SPILLED LITTER CONTAINERS WILL BE CLEANED UP IMMEDIATELY.

2.C.4. FERTILIZERS AND PESTICIDES:

THE APPLICATION AND HANDLING OF HERBICIDES AND PESTICIDES SHALL BE IN COMPLIANCE WITH THE MANUFACTURES-RECOMMENDED METHOD AND IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION FOR ROADS AND BRIDGE CONSTRUCTION. HERBICIDES AND PESTICIDES SHALL BE ONSITE IN THEIR ORIGINAL CONTAINERS WITH PRODUCT LABEL INTACT.

2.C.5 TOXIC/HAZARDOUS MATERIAL HANDLING

CONTRACTOR SHALL PROVIDE EQUIPMENT NECESSARY TO CONTAIN AND CLEAN UP SPILLS OF HAZARDOUS MATERIAL AFTER THEY OCCUR. SPILLED MATERIAL AND THE EQUIPMENT USED TO CLEAN UP THE SPILL SHALL NOT COME IN CONTACT WITH SURFACE WATERS OR BE INTRODUCED INTO STORM WATER. DISPOSAL OF SURPLUS PRODUCT WILL BE DONE ACCORDING TO MANUFACTURE RECOMMENDED METHOD.

CONTRACTOR SHALL PROVIDE A PROJECT SPECIFIC HAZARDOUS MATERIAL SPILL CONTROL PLAN TO ADDRESS THE HANDLING OF HYDROCARBON AND HAZARDOUS MATERIALS. PETROLEUM PRODUCTS SHALL BE STORED IN COVERED AREAS WITH SECONDARY CONTAINMENT SURROUNDING CONTAINER.

TOXIC/HAZARDOUS MATERIAL EXPOSED DURING CONSTRUCTION ACTIVITIES SHALL BE HANDLE AS PER THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

2.D STATE AND LOCAL PERMITS TO BE APPLIED FOR:

* NPDES FROM THE VILLAGE OF MIAMI SHORES PUBLIC WORKS DEPARTMENT

3.0 MAINTENANCE

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER BY THE CONTRACTOR. IF A CONTROL NEEDS REPAIR OR REPLACEMENT, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT AND RECORDED ON THE INSPECTION FORMS. MAINTENANCE SHALL CONTINUE UNTIL ALL ERODIBLE SOILS WITHIN THE CONTRIBUTING AREA HAVE BEEN STABILIZED. AT THIS POINT, THE CONTRACTOR SHALL REMOVE EXCESS SILT AT THE CONTROLS AND REMOVE THE TEMPORARY DEVICES. THE MAINTENANCE PLAN SHALL AT MINIMUM, COMPLY WITH THE FOLLOWING:

- * INLET PROTECTION (ROCK BAGS): THE CONTRACTOR SHALL INSPECT THE PROTECTED INLETS EVERY TWO WEEKS AND REPLACE THE ROCK BAGS IF NECESSARY OR WHEN EXCESSIVE POUNDING OCCURS; ELIMINATE BREACHES IN THE PROTECTION.
- * TURBIDITY BARRIER: MAINTAIN AS PER SECTION 104 OF THE SPECIFICATIONS.
- * STREET SWEEPING: DAILY CONTROL AND DUST PREVENTION WITH WATER TRUCK.
- * GRASSED AREAS: NEWLY SODDED AREAS AND ADJACENT AREAS DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AND MAINTAINED, WATERING AND MOWING AS NEEDED OR REQUIRED IN THE FDOT STANDARD SECIFICATIONS.

4.0 INSPECTIONS

QUALIFIED PERSONNEL SHALL INSPECT ALL THE CONTROL FEATURES AT LEAST ONE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. TO COMPLY THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES AND RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY WEEK. THE CONTRACTOR SHALL ALSO ENSURE THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE FOLLOWING ITEMS WILL BE INSPECTED:

- * POINTS OF DISCHARGE TO SURFACE WATERS OR WETLANDS: INSPECT TO DETERMINE IF CONTROLS ARE EFFECTIVE IN PREVENTING OR MINIMIZING THE DISCHARGE OF POLLUTANTS.
- * POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM SEWER SYSTEMS (INLETS, ETC.): INSPECT TO DETERMINE IF CONTROLS ARE EFFECTIVE IN PREVENTING OR MINIMIZING THE DISCHARGE OF POLLUTANTS.
- * DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED: INSPECT FOR EVIDENCE OF POTENTIAL FOR DISCHARGING POLLUTANTS INTO SURFACE WATERS OR STORMWATER SYSTEMS.
- * AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION: INSPECT FOR EVIDENCE OF POTENTIAL FOR DISCHARGING POLLUTANTS INTO SURFACE WATERS OR STORMWATER SYSTEMS.
- * STRUCTURAL CONTROLS: INSPECT FOR PROPER INSTALLATION AND OPERATION.
- * STORMWATER MANAGEMENT SYSTEMS: INSPECT FOR PROPER OPERATION, EVIDENCE OF FLOODING DUE TO SEDIMENTATION OR CONTROLS REQUIRING MAINTENANCE.
- * LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE: INSPECT FOR EVIDENCE OF OFFSITE TRACKING.

THE CONTRACTOR SHALL INITIATE WITHIN 24 HOURS OF INSPECTION THAT INDICATES ITEMS ARE NOT IN GOOD WORKING ORDER BASED ON THE RESULTS OF THE INSPECTION, ALL MAINTENANCE OPERATIONS NEEDED TO ASSURE PROPER OPERATION OF ALL CONTROLS, BMPS OR MEASURES IDENTIFIED IN THIS SWPPP SHALL BE DONE IN A TIMELY MANNER, BUT NO LATER THAN 7 CALENDAR DAYS FOLLOWING THE INSPECTION. IF NEEDED, POLLUTION PREVENTION CONTROLS SHALL BE REVISED AS APPROPRIATE IF FAILURES IN THE PLAN ARE NOTED; THESE REVISIONS SHALL BE IMPLEMENTED NO LATER THAN 7 CALENDAR DAYS FOLLOWING THE INSPECTION.

A REPORT (USE FDOT FORM 650-040-03) SUMMARIZING THE SCOPE OF THE INSPECTION SHALL INCLUDE THE INSPECTOR'S NAME, QUALIFICATIONS, DATE, RAINFALL DATA, OBSERVATIONS RELATING TO THE SWPPP, AND ACTIONS TAKEN SINCE THE LAST REPORT. THE REPORT SHALL IDENTIFY ALL INCIDENTS OF NON-COMPLIANCE.

IF THERE ARE NO INCIDENTS OF NON-COMPLIANCE, THE REPORT SHALL CONTAIN A CERTIFICATION THAT THE FACILITY IS IN COMPLIANCE WITH THE SWPPP AND THE PERMIT. THE REPORT SHALL BE SIGNED AND FILED AS REQUIRED BY THE GENERIC PERMIT.

THE CONTRACTOR SHALL MAINTAIN A FILE CONTAINING THE CURRENT SWPPP, NOI SUBMITTAL, CERTIFICATIONS AND ALL THE SIGNED INSPECTION REPORTS; THE NOTICE OF INTENT SUBMITTED AS REQUIRED BY CHAPTER 62-621, FAC, MUST BE POSTED AT THE SITE.

5.0 NON-STORM WATER DISCHARGES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON-STORM WATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES) SUCH AS THOSE LISTED BELOW. THE CONTRACTOR SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION FROM THESE NON-STORM WATER DISCHARGES. IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR IS TO CEASE OPERATIONS IN THAT AREA. THE CONTRACTOR SHALL CONTACT THE VILLAGE OF MIAMI SHORES PROJECT MANAGER. A DEWATERING PERMIT IS REQUIRED TO REMOVED GROUNDWATER FROM THE CONSTRUCTION SITE.

- * SLURRY DISPOSAL
- * DUST CONTROL
- * EQUIPMENT WASHOUT
- * IRRIGATION

6.0 CONTRACTOR SUBMITTAL:

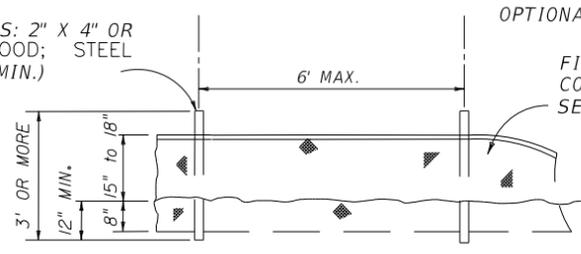
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DEVELOP AN EROSION CONTROL PLAN THAT PROVIDES A DETAILED DESCRIPTION OF ALL EROSION AND SEDIMENT CONTROLS, BMP'S AND MEASURES THAT WILL BE IMPLEMENTED AT THE CONSTRUCTION SITE FOR EACH ACTIVITY IDENTIFIED IN SECTION 1.B SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES. CONTRACTOR IS RESPONSIBLE FOR PROVIDING TIMEFRAMES IN WHICH THE CONTROLS WILL BE IMPLEMENTED, MAINTAINED AND REMOVED. THIS INFORMATION SHALL BE CONSIDERED IN COMPLIANCE WITH THE FDEP GENERIC PERMIT FOR STORM WATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION SITES.

THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THE FOLLOWING ITEMS ARE ON SITE:

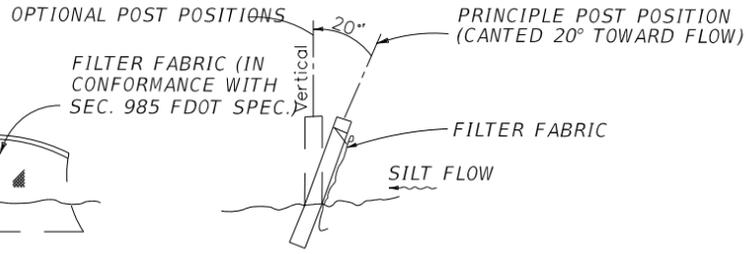
1. COPY OF THE SWPPP WITH THE ORIGINAL CERTIFICATION SIGNATURES.
2. COPY OF THE CONTRACTOR'S EROSION CONTROL PLAN.
3. HAZARDOUS SPILL CONTROL PLAN WITH GUIDELINES ON CONTACTING THE 24-HOUR EMERGENCY RESPONSE PROGRAM FOR HAZARDOUS MATERIAL SPILLS. THIS SHALL INCLUDE COPIES OF DISCHARGE NOTIFICATIONS THAT HAVE OCCURRED WITHIN THE PROJECT LIMITS.
4. COMPLETE INSPECTION FORMS.

REVISIONS			FRANCISCO J. ALONSO, P.E. P.E. LICENSE NUMBER 66918 T.Y. LIN INTERNATIONAL 201 ALHAMBRA CIRCLE, SUITE 900 CORAL GABLES, FL. 33134 CERTIFICATE OF AUTHORIZATION 00002017	 MIAMI SHORES VILLAGE 10050 N.E. 2ND AVENUE MIAMI SHORES, FL 33138	MIAMI SHORES VILLAGE VILLAGE MULTIMODAL MOBILITY IMPROVEMENTS PROGRAM		STORMWATER POLLUTION PREVENTION PLAN NOTES	SHEET NO. 15
DATE	BY	DESCRIPTION			PROJECT NAME	FINANCIAL PROJECT ID.		
					N.E. 2ND AVE. SIDEWALK WIDENING N.E. 103RD ST. TO N.E. 111TH ST.	438665-1-58-01		

POST (OPTIONS: 2" X 4" OR 2 1/2" MIN. DIA WOOD; STEEL 1.33 LBS/FT. MIN.)



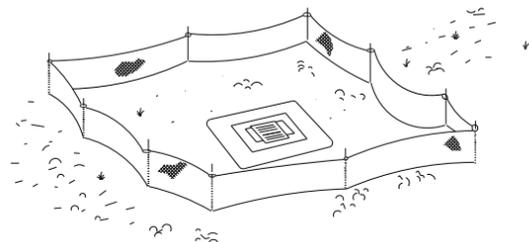
ELEVATION



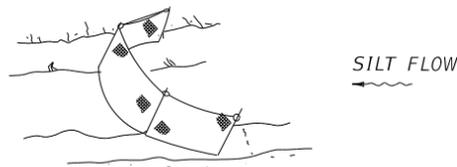
SECTION

SILT FENCE DETAILS

NTS



TYPE III SILT FENCE PROTECTION AROUND DITCH BOTTOM INLETS.



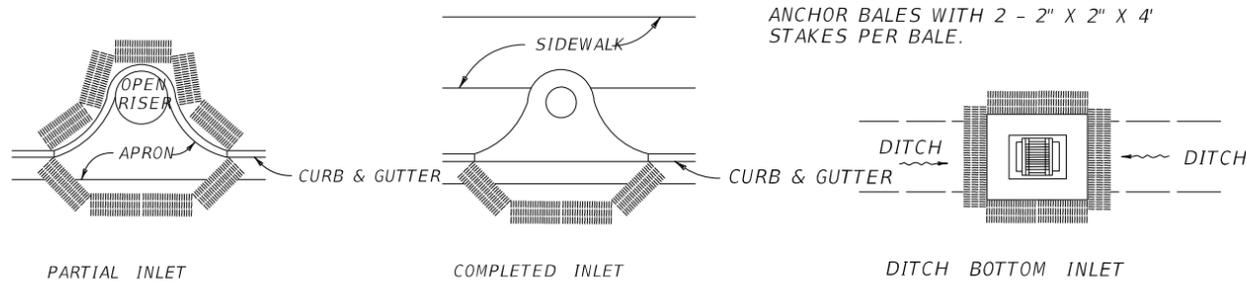
NOTE: SPACING FOR TYPE III FENCE TO BE IN ACCORDANCE WITH CHART 1, SHEET 1 OF 3 AND DITCH INSTALLATIONS AT DRAINAGE STRUCTURES SHEET 2 OF 3 PER INDEX 102

TYPE III SILT FENCE

Do not deploy in a manner that silt fences will act as a dam across permanent flowing watercourses. Silt fences are to be used at upland locations and turbidity barriers used at permanent bodies of water.

SILT FENCE APPLICATIONS

NTS



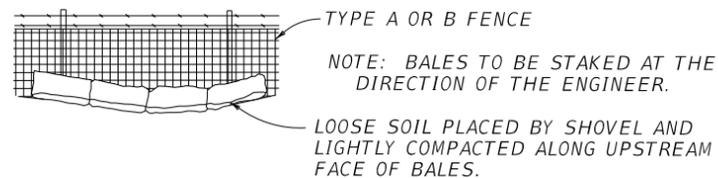
PARTIAL INLET

COMPLETED INLET

DITCH BOTTOM INLET

PROTECTION AROUND INLETS OR SIMILAR STRUCTURES

NTS



TYPE A OR B FENCE

NOTE: BALES TO BE STAKED AT THE DIRECTION OF THE ENGINEER.

LOOSE SOIL PLACED BY SHOVEL AND LIGHTLY COMPACTED ALONG UPSTREAM FACE OF BALES.

STORM WATER POLLUTION PREVENTION PRACTICES: (FOR PROJECTS OF 1 ACRE OR MORE)

1. TREE PROTECTION AND PRUNING SHALL BE ACCOMPLISHED AS DETAILED IN SPECIAL PROVISIONS, THE CONSTRUCTION PLANS, AND OR PER TREE ORDINANCE 12636.
2. THE STORM WATER POLLUTION PREVENTION PLAN, SWPPP, SUBMITTED TO PUBLIC WORKS, SHALL DESCRIBE IN DETAIL HOW THE CONSTRUCTION EFFORT WILL BE PHASED WITH REGARDS TO MINIMIZING EROSION PROBLEMS BY THE USE OF TEMPORARY AND PERMANENT EROSION CONTROL MEASURES, FOR THE VARIOUS SEQUENCES OF CONSTRUCTION OPERATIONS. ANY MODIFICATIONS MUST BE APPROVED BY THE VILLAGE OF MIAMI SHORES - NPDES SECTION, DEPARTMENT OF PUBLIC WORKS.
3. ENVIRONMENTAL CONTROL FEATURES AS PROVIDED IN THE SWPPP, ARE TO BE INSTALLED AT ALL AREAS OF EXCAVATION OR FILL FOR DRAINAGE SYSTEM, OR STRUCTURE CONSTRUCTION PRIOR TO SUCH EXCAVATION OR FILL.
4. ALL ENVIRONMENTAL CONTROL FEATURES ARE TO BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT IN ACCORDANCE WITH N.P.D.E.S. REQUIREMENTS. THE CONTRACTOR MUST INSURE THAT ALL EROSION CONTROL FEATURES FUNCTION PROPERLY AT ALL TIMES.
5. ALL EROSION AND MATERIAL DEPOSITS MUST BE CONTAINED WITHIN THE PROJECT LIMITS.
6. ANY DAMAGED OR INEFFECTIVE ROCK BAGS ARE TO BE REPLACED WITH NEW ONES. THE LOCATION OF ROCK BAGS INSTALLATION IS AS MENTIONED IN THE SWPPP PLANS. THE PROJECT ENGINEER MAY SPECIFY OTHER AREAS AS NECESSARY.
7. DITCH BOTTOM INLETS SHALL BE PROTECTED FROM SEDIMENT INTAKE UNTIL PROJECT IS COMPLETE. ELEVATION OF GROUND OUTSIDE INLET TOP SHALL NOT BE HIGHER THAN INLET TOP. ROCK BAGS SHALL BE INSTALLED AROUND INLET TOP. COMPLETED INLETS IN PAVED AREAS SHALL ALSO BE PROTECTED WITH ROCK BAGS TO PREVENT SEDIMENT INTAKE.
8. CURB INLETS ALSO SHALL BE PROTECTED FROM SEDIMENT INTAKE UNTIL THE PROJECT IS COMPLETE. ALL EXPOSED SLOPED MATERIAL ADJACENT TO INLET, SHALL BE COVERED WITH EROSION CONTROL MATTING WITH OUTER LIMITS PROTECTED BY ROCK BAGS.
9. STOCKPILED MATERIAL SHALL NOT BE LEFT IN EROSION PRONE AREAS UNLESS PROTECTED BY COVER OR ROCK BAGS.
10. INSPECTION OF EROSION CONTROL MEASURES AND CONDITION OF ADJACENT PROPERTIES, SHALL BE PERFORMED DAILY BY THE CONTRACTOR'S REPRESENTATIVE AND THE PROJECT ENGINEER. DEFICIENCIES SHALL BE NOTED AND CORRECTED.
11. ANY OFFSITE SEDIMENT DISCHARGE TO A MUNICIPAL SEPARATE STORM WATER SYSTEM ARISING FROM THE CONTRACTOR'S ACTIVITIES IS NOT ALLOWED. REFER TO PUBLIC WORKS DEPARTMENT BULLETIN No. 25.
12. THE USE OF SANITARY SEWERS, FRENCH DRAINS, COVER DITCHES AND/OR ROCK DRAINS FOR THE DISPOSAL OF WASTEWATER IS EXPRESSLY PROHIBITED.

STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

B. EROSION & SEDIMENT CONTROL STABILIZATION PRACTICES:

- ___ TEMPORARY SODDING
- ___ TEMPORARY GRASSING
- ___ PERMANENT PLANTING, SEEDING OR SEED & MULCH
- ___ TEMPORARY MULCHING
- ___ ARTIFICIAL COVERING
- ___ BUFFER ZONES
- ___ PRESERVATION OF NATURAL RESOURCES
- ___ OTHER

D. OTHER CONTROLS: OFFSITE VEHICLE TRACKING:

- ___ HAUL ROADS DAMPENED FOR DUST CONTROL
- ___ LOADED HAUL TRUCKS TO BE COVERED WITH TARPULIN, OR APPROVED EQUAL.
- ___ EXCESS DIRT ON ROAD REMOVED DAILY
- ___ STABILIZED CONSTRUCTION ENTRANCE
- ___ CONCRETE TRUCK WASH AREA
- ___ OTHER TREATMENT OF STORM WATER TO MEET WATER QUALITY:
- ___ DEEP WELLS
- ___ CULVERTS FOR EMERGENCY OVERFLOW
- ___ POLLUTION CONTROL STRUCTURES
- ___ OTHER

E. GENERAL

1. APPROVED STATE, LOCAL PLANS OR STORM WATER PERMITS.
2. ALL OF THE CONTROLS SHALL BE MAINTAINED AT ALL TIMES.
3. ALL CONTROLS SHALL BE INSPECTED DAILY.
4. APPLY FERTILIZERS AND PESTICIDES ACCORDING TO STANDARD SPECIFICATIONS, DESIGN AND SPECIAL PROVISIONS.
5. REPORT NON-STORM WATER DISCHARGE (INCLUDING SPILL) (305) 416-1200.
6. VISIT www.dep.state.fl.us/water/stormwater/npdes/

C. STRUCTURAL PRACTICES:

- ___ SAND BAGGING

REVISIONS			FRANCISCO J. ALONSO, P.E. P.E. LICENSE NUMBER 66918 T.Y. LIN INTERNATIONAL 201 ALHAMBRA CIRCLE, SUITE 900 CORAL GABLES, FL. 33134 CERTIFICATE OF AUTHORIZATION 00002017	 MIAMI SHORES VILLAGE 10050 N.E. 2ND AVENUE MIAMI SHORES, FL 33138	MIAMI SHORES VILLAGE VILLAGE MULTIMODAL MOBILITY IMPROVEMENTS PROGRAM		STORMWATER POLLUTION PREVENTION PLAN DETAILS	SHEET NO. 16
DATE	BY	DESCRIPTION			PROJECT NAME	FINANCIAL PROJECT ID.		
					N.E. 2ND AVE. SIDEWALK WIDENING N.E. 103RD ST. TO N.E. 111TH ST.	438665-1-58-01		

TRAFFIC CONTROL NOTES:

GENERAL NOTES:

1. THE TRAFFIC AND TRAVEL WAYS SHALL NOT BE ALTERED BY THE CONTRACTOR TO CREATE A WORK ZONE UNTIL ALL LABOR AND MATERIAL ARE AVAILABLE FOR THE CONSTRUCTION IN THAT AREA.
2. REGULATORY SPEED ESTABLISHED WITHIN WORK ZONE TRAVEL WAYS SHALL BE THE EXISTING POSTED SPEED (20MPH).
3. AS DETERMINED BY THE CONSTRUCTION PROJECT MANAGER, COVER WORK ZONE SIGNS WHEN CONDITIONS NO LONGER WARRANT THEIR USE. COST OF COVERING AND UNCOVERING THE SIGNS SHALL BE INCIDENTAL TO THE PROJECT AT NO ADDITIONAL COST TO THE CONTRACT.
4. REMOVE, RELOCATE OR COVER ANY EXISTING OR PROPOSED SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS. WHEN THE CONFLICT NO LONGER EXISTS, RESTORE THE SIGNS TO THEIR ORIGINAL POSITION. COST OF TEMPORARILY COVERING OR REMOVING/RELOCATING AND RESTORING THE SIGNS SHALL BE INCIDENTAL TO THE PROJECT AT NO ADDITIONAL COST TO THE CONTRACT.
5. EACH EXISTING STREET NAME AND STOP SIGN AFFECTED BY CONSTRUCTION SHALL BE RELOCATED AND MAINTAINED IN AN APPROPRIATE LOCATION FOR THE DURATION OF THE PROJECT. WHEN NO LONGER AFFECTED BY CONSTRUCTION, THESE SIGNS SHALL BE RESTORED TO THEIR ORIGINAL POSITION. COST OF TEMPORARILY RELOCATING AND RESTORING THE SIGNS SHALL BE INCIDENTAL TO THE PROJECT AT NO ADDITIONAL COST TO THE CONTRACT.
6. IMMEDIATELY REMOVE STORMWATER FROM ROADWAYS UTILIZED FOR MAINTAINING TRAFFIC THRU THE WORK ZONE IN A MANNER APPROVED BY THE CONSTRUCTION PROJECT MANAGER. COST FOR REMOVING THE WATER SHALL BE DEEMED INCIDENTAL TO THE PROJECT COST.
7. THE TRAFFIC CONTROL PLAN SHALL COMPLY WITH FDOT INDEX 102-600 SERIES. PROVIDE AS PART OF THE SHOP DRAWING PROCESS THE TRAFFIC CONTROL PLAN IN ACCORDANCE WITH FDOT STANDARD INDEXES AND THESE PLANS FOR REVIEW AND APPROVAL BY THE ENGINEER OF RECORD PRIOR TO APPLYING FOR VILLAGE OF MIAMI SHORES PUBLIC WORKS MAINTENANCE OF TRAFFIC PERMIT.
8. ALL WORK SHALL BE PERFORMED DURING DAYTIME ON WEEKDAYS FROM 8:00AM TO 6:00PM (NO INTERRUPTION OF TRAFFIC IS PERMITTED) AND FROM 9:00AM TO 5:00PM ON SATURDAY.
9. NOTIFY LAW ENFORCEMENT AND FIRE PROTECTION SERVICES TWENTY-FOUR (24) HOURS IN ADVANCE OF ANY DETOURS, IN ACCORDANCE WITH SECTION 336.07 OF FLORIDA STATUTES.
10. PROVIDE FLASHER ARROW BOARD FOR ANY LANE THAT IS CLOSED OR DIVERTED
11. A SEPARATE VILLAGE OF MIAMI SHORES PUBLIC WORKS MAINTENANCE OF TRAFFIC PERMIT SHALL BE REQUIRED PRIOR TO CONSTRUCTION.
12. SUITABLE ACCESS TO PRIVATE PROPERTY SHALL BE PROVIDED AT ALL TIMES.
13. CONTACT MIAMI DADE TRANSIT (MDT) AND REQUEST A SPOTTER FOR ANY WORK WITHIN 30' OF ANY MDT FACILITY. THE COST OF THIS SHALL BE INCLUDED IN PAY ITEM 102-1, "MAINTENANCE OF TRAFFIC".
14. TWO CONSTRUCTION INFORMATION SIGNS ARE REQUIRED FOR THIS PROJECT.

SIGNALS:

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

DROP OFFS:

1. PROTECT THE WORK ZONE WITH DEVICES APPROVED BY THE VILLAGE OF MIAMI SHORES PUBLIC WORKS WHEN DROP OFFS EXCEED 3" ADJACENT TO TRAVEL WAYS.

MARKINGS:

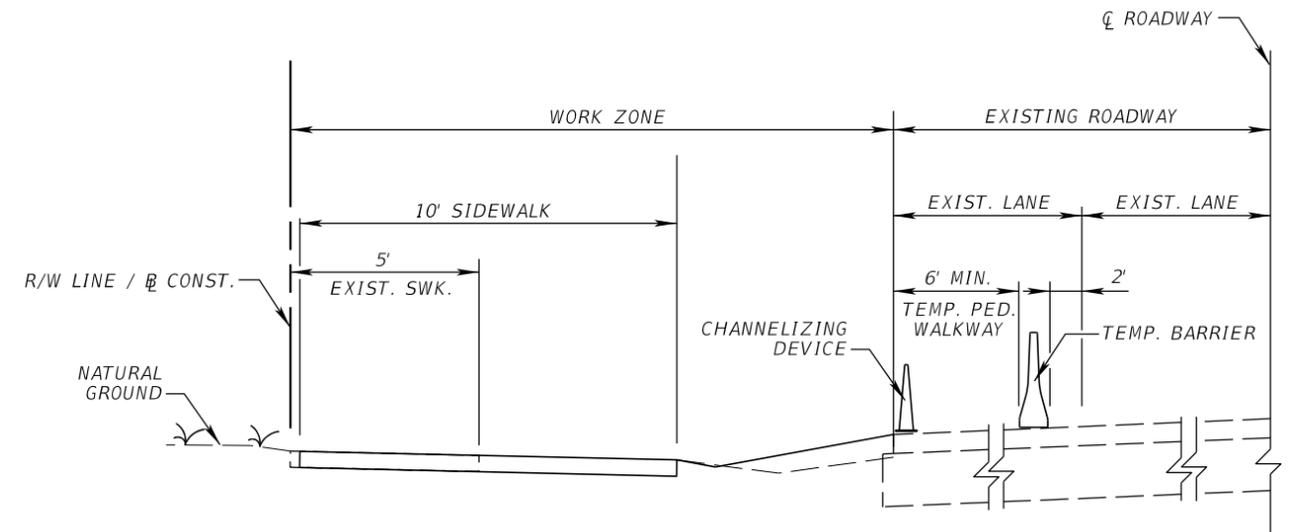
1. TEMPORARY PAVEMENT MARKINGS NOT ANTICIPATED FOR THIS PROJECT.

WORK ZONE LIMITS:

1. THE LENGTH OF SIDEWALK CONSTRUCTION, ALONG NE 2 AVE FROM NE 103 ST TO NE 111 ST, SHALL NOT EXCEED 500 FEET AT ANY GIVEN TIME. PROPERTY ACCESS SHALL BE MAINTAINED AT ALL TIMES.

PEDESTRIANS, BICYCLES, AND WHEELCHAIRS:

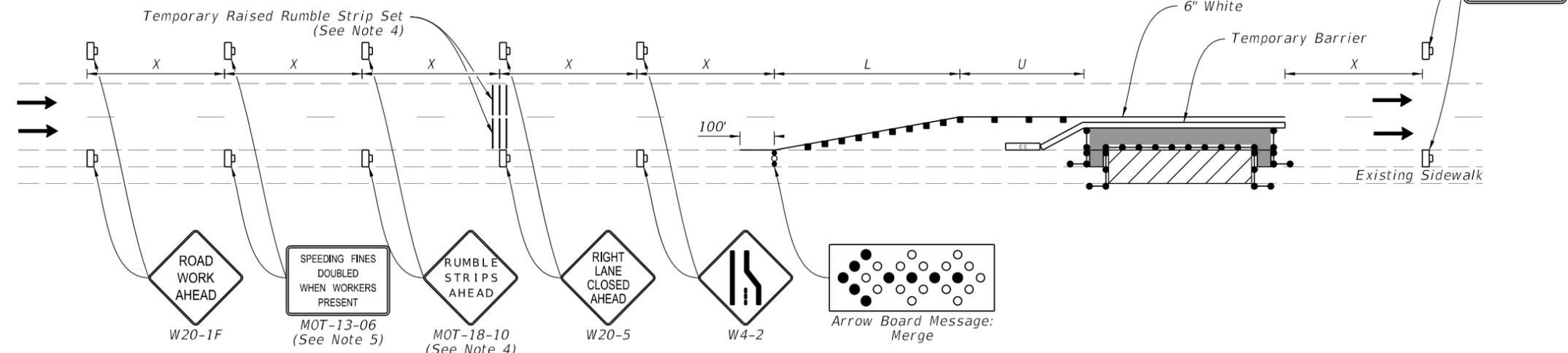
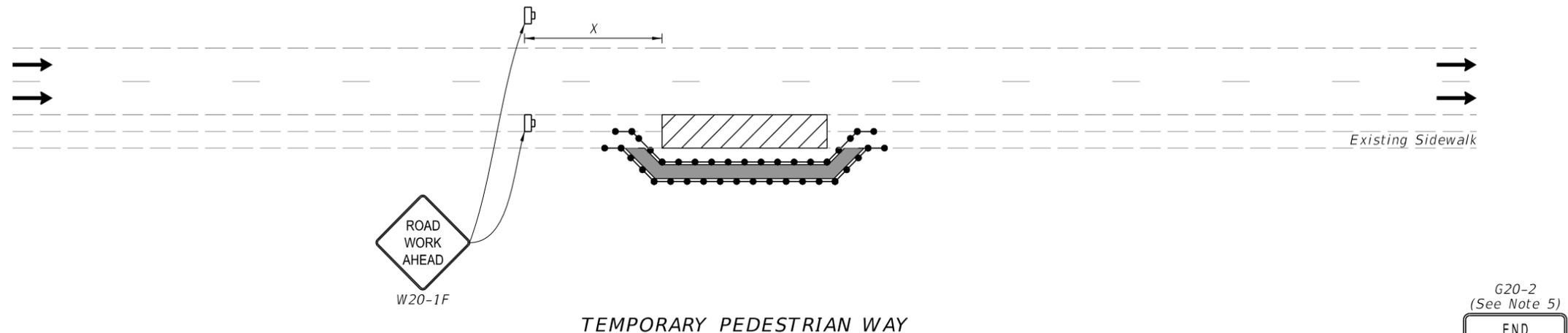
1. PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAVEL PATHS SHALL BE PROVIDED PER STANDARD PLAN INDEX 102-075 SHT. 2 OF 2. FOR THE WORK ZONE LIMITS DESCRIBED ABOVE - SEE NEXT SHEET FOR INFORMATION.
2. AT THE END OF EACH WORK DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE, ANY DROP OFF ADJACENT TO THE PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAVEL PATHS SHALL BE BACKFILLED FLUSH WITH THE SAID PATHS OR PROTECTED WITH BARRICADES, TEMPORARY CONCRETE BARRIER WALL, OR APPROVED HANDRAIL. COST OF BACKFILLING DROP OFF SHALL BE INCIDENTAL TO THE PROJECT AT NO ADDITIONAL COST TO THE CONTRACT.
3. PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAFFIC SHALL BE MAINTAINED AND GUIDED USING APPROVED WARNING LIGHTS, SIGNING, AND CHANNELIZATION DEVICES ON AT LEAST ONE SIDE OF THE PROJECT AT ALL TIMES THROUGHOUT THE PROJECT LIMITS. THE TRAVEL PATH SHALL BE A MINIMUM OF 4 FEET WIDE WITH A SMOOTH SURFACE THAT IS NOT SLICK AND IT SHOULD BE RAMPED AS NECESSARY FOR CONTINUITY. COST TO CONSTRUCT AND MAINTAIN THE TRAVEL PATH AS REQUIRED SHALL BE INCIDENTAL TO THE PROJECT AT NO ADDITIONAL COST TO THE CONTRACT.



**TEMPORARY PEDESTRIAN WAY
TYPICAL SECTION**

REFER TO STANDARD PLAN INDEX 102-075, SHT. 2 OF 2 FOR PLAN LAYOUT

REVISIONS			FRANCISCO J. ALONSO, P.E. P.E. LICENSE NUMBER 66918 T.Y. LIN INTERNATIONAL 201 ALHAMBRA CIRCLE, SUITE 900 CORAL GABLES, FL. 33134 CERTIFICATE OF AUTHORIZATION 00002017	 MIAMI SHORES VILLAGE 10050 N.E. 2ND AVENUE MIAMI SHORES, FL 33138	MIAMI SHORES VILLAGE VILLAGE MULTIMODAL MOBILITY IMPROVEMENTS PROGRAM		TRAFFIC CONTROL GENERAL NOTES	SHEET NO. 17
DATE	BY	DESCRIPTION			PROJECT NAME	FINANCIAL PROJECT ID.		
					N.E. 2ND AVE. SIDEWALK WIDENING N.E. 103RD ST. TO N.E. 111TH ST.	438665-1-58-01		



TEMPORARY PEDESTRIAN WAY DIVERTING TRAFFIC INTO THE TRAVELED WAY
 (Temporary Barrier Shown, Low Profile Barrier Similar)

NOTES:

1. L = Taper Length
 U = Buffer Length
 X = Work Zone Sign Distance
 See Index 102-000 for "L", "U", "X", channelizing device spacing values.
2. Provide a 5' wide temporary pedestrian way with a maximum cross-slope of 0.02, except where space restrictions warrant a minimum width of 4'. Provide a 5' x 5' passing space for temporary pedestrian ways less than 5' in width at intervals not to exceed 200'.
3. When temporary pedestrian ways require curb ramps, meet the requirements of Index 522-002. Detectable warnings are not required for curb ramps diverting pedestrian traffic into a closed lane.
4. Use temporary raised rumble strips in accordance with the Plans. If temporary raised rumble strips are not used, omit "Rumble Strips Ahead" signs (MOT-18-10) and associated work zone sign distance. See Index 102-000 for temporary raised rumble strip details.
5. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" signs (G20-2), along with associated work zone sign distances, may be omitted when the work zone will be in place for 24 hours or less.

SYMBOLS:

- Work Space
- Channelizing Device (See Index 102-000)
- Work Zone Sign
- Lane Identification and Direction of Traffic
- Arrow Board
- Crash Cushion
- Pedestrian Longitudinal Channelizing Device (LCD)
- Temporary Pedestrian Way

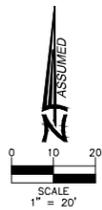
FOR INFORMATION ONLY

10/14/2019 8:18:11 AM

LAST REVISION 11/01/19	REVISION	DESCRIPTION:		FY 2020-21 STANDARD PLANS	WORK ON THE SIDEWALK	INDEX 102-075	SHEET 2 of 2
---------------------------	----------	--------------	--	------------------------------	----------------------	------------------	-----------------

MAP OF TOPOGRAPHIC SURVEY

SECTION 36 - TOWNSHIP 52 SOUTH - RANGE 41 EAST



TREE No	COMMON NAME	DIAMETER (INCHES)	HEIGHT (FT)	CANOPY (FT)	
1	PALM	10	15	10	6
2	TREE	8	20	8	
3	PALM	12	20	8	
4	TREE	6	10	6	
5	PALM	15	15	10	
6	PALM	10	20	10	
7	TREE	10	25	15	
8	PALM	10	25	10	
9	PALM	10	25	10	
10	PALM	12	25	10	
11	PALM	12	18	10	
12	PALM	14	20	10	
13	PALM	12	25	8	
14	TREE	10	15	12	
15	PALM	12	25	8	
16	PALM	12	25	8	
17	PALM	12	25	8	
18	PALM	12	25	8	
19	PALM	12	25	8	
20	PALM	12	20	10	
21	PALM	12	20	10	
22	PALM	12	20	10	
23	PALM	10	20	10	
24	PALM	10	20	10	
25	PALM	10	20	8	
26	PALM	12	20	15	
27	PALM	10	15	10	
28	PALM	10	20	15	
29	PALM	10	20	10	
30					
31	PALM	12	20	10	
32	TREE	18	30	20	
33	PALM	10	20	8	
34	TREE	6	10	10	
35	PALM	10	20	10	
36	PALM	12	15	10	
37	PALM	10	20	8	
38	PALM	10	20	8	
39	PALM	10	20	10	
40	PALM	10	20	10	
41	PALM	10	20	10	
42	PALM	10	20	10	
43	PALM	10	20	10	
44	PALM	8	15	8	
45	PALM	10	20	10	
46	PALM	10	20	10	
47	PALM	10	20	10	

LEGEND:

DRWY = DRIVEWAY	W = WATER OUTLET	P.T. = POINT OF TANGENCY
D.M.E. = DRAINAGE MAINTENANCE EASEMENT	W.O. = WATER VALVE	E.N.C. = ENCROACHMENT
C.M.E. = CANAL MAINTENANCE EASEMENT	B. = BUSH	F.H. = FIRE HYDRANT
U.E. = UTILITY EASEMENT	F.R.P. = FOUND IRON PIPE	F.R. = FOUND IRON REBAR
A = ARC DISTANCE	C. = CLEANOUT	L.F.E. = LOWEST FLOOR ELEVATION
BLDG. = BUILDING	M. = MONUMENT LINE	L.P. = LIGHT POLE
C.B. = CATCH BASIN	M. = MEASURED VALUE	(M) = MEASURED VALUE
C.B.S. = CONCRETE BLOCK STRUCTURE	(R) = RECORD VALUE	(R) = RECORD VALUE
CH. = CHORD DISTANCE		
C. = CALCULATED VALUE		
(C) = CLEAR		
CL. = CENTER LINE		
CONC. = CONCRETE		
F.R.C. = POINT OF REVERSE CURVE		
P.C. = POINT OF CURVATURE		
F.A.D. = FOUND NAIL/DISK		
P.C.C. = POINT OF COMPOUND CURVE		
INV. = BASELINE		
N.G.V.D. = NATIONAL GEODETIC VERTICAL DATUM		
INV. EL. = INVERT ELEVATION		
P.B. = PLAT BOOK		
P.C.P. = PERMANENT CONTROL POINT		
OMP = CORRUGATED METAL PIPE		
P.I. = POINT OF INTERSECTION		
B/C = BLOCK CORNER		
R = RADIUS		
RAD. = RADIAL		
RES. = RESIDENCE		
R/W = RIGHT OF WAY		
SEC. = SECTION		
S.I.P. = SET IRON PIPE		
T.O.P. = TOP OF PIPE		
SWK = SIDEWALK		
P.C. = PAGE		
P.O.B. = POINT OF BEGINNING		
E. = PROPERTY LINE		
N.T.S. = NOT TO SCALE		

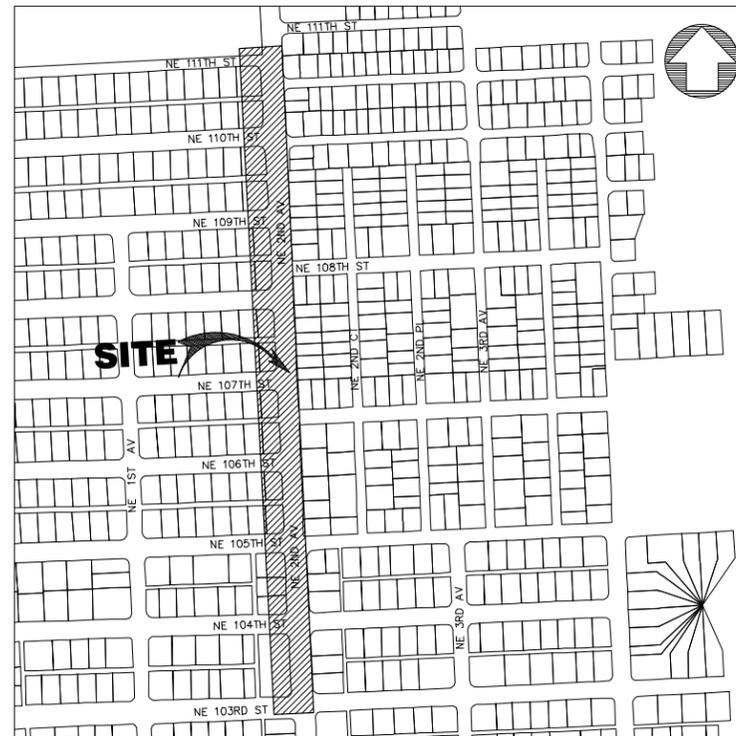
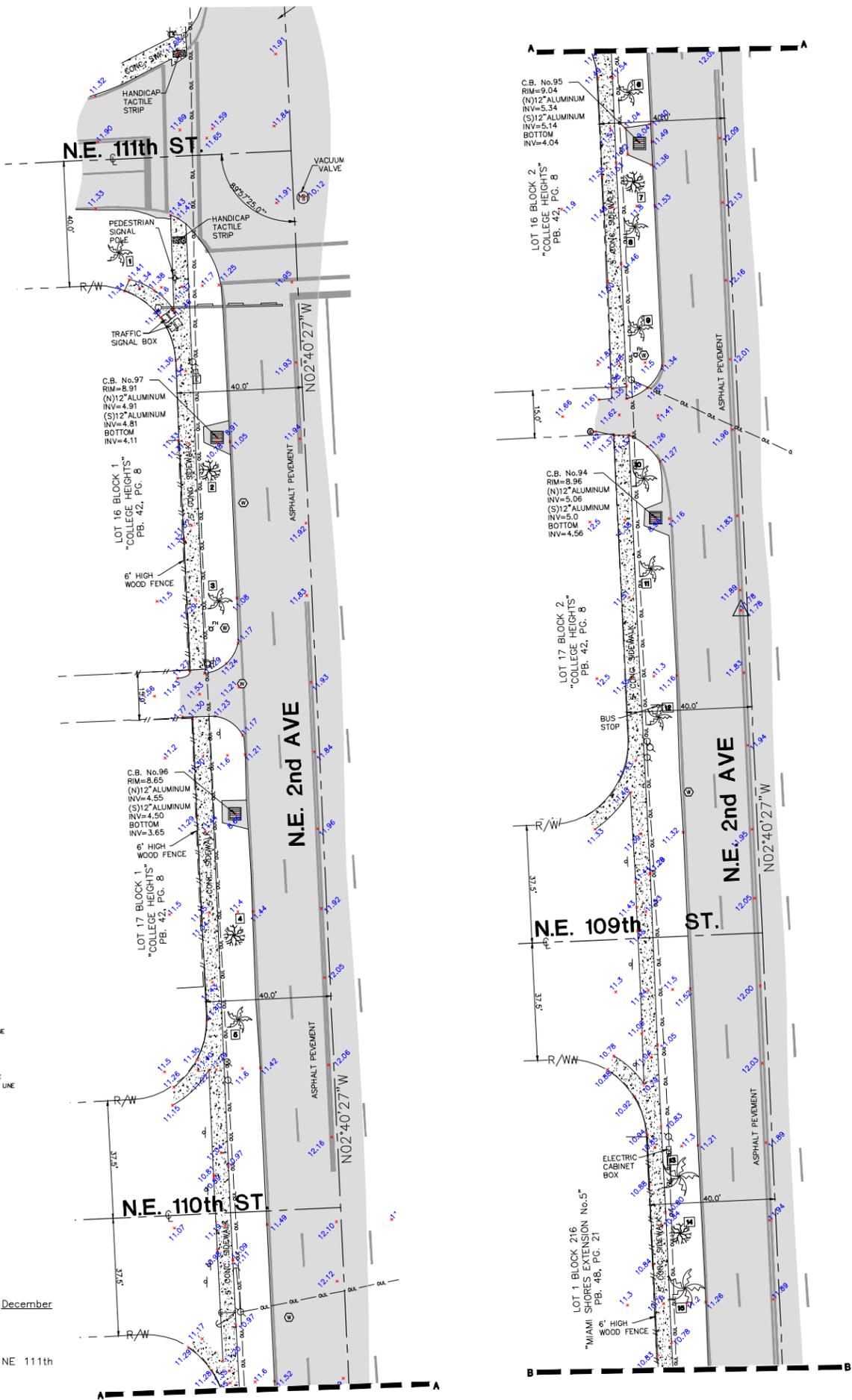
SURVEYOR'S NOTES:

SECTION 1) DATE OF FIELD SURVEY:

1. The date of completion of the field work of the Topographic Survey was on December 26, 2019.

SECTION 2) LEGAL DESCRIPTION:

A Portion of the Right of Way along NE 2nd Ave, From NE 103rd Street to NE 111th Street, Miami Shores, 33161



SECTION 3) ACCURACY:

The accuracy obtained by field measurement methods and office calculations of closed geometric figures meets and exceeds the Standards of Practice requirement for this Type of Survey as defined in Rule 5J-17.051, Florida Administrative Code.

Elevations of well identified features as depicted on the Survey Map were measured to an estimated vertical position accuracy of 1/100 of a foot on hard surfaces and 1/10 of a foot on ground surfaces.

Well identified features as depicted on the Survey Map were measured to an estimated horizontal position accuracy of 1/10 of a foot.

This Map of Survey is intended to be displayed at a scale of (1"=20') or smaller.

SECTION 4) SOURCES OF DATA:

North arrow direction is based on an assumed Meridian.

Bearings as shown hereon are based upon the Centerline Line of N.E. 2nd Avenue, with an assumed bearing of N02°40'27"W, said line to be considered a well established and monumented line.

This property is to be located in Flood Zone "X", as per Federal Emergency Management Agency (FEMA) Community Number 120652 (Village of Miami Shores), Map Panel No. 12086C0139 & Map Panel No. 12086C0302, Suffix L, Map Revised Date: September 11, 2009.

Elevations as shown hereon are based on the National Geodetic Vertical Datum of 1929, as per Miami-Dade County's Benchmark Number N-566, Elevation 10.78 feet.

SECTION 5) LIMITATIONS:

Since no other information were furnished other than what is cited in the Sources of Data, the Client is hereby advised that there may be legal restrictions on the Subject Property that are not shown on the Survey Map that may be found in the Public Records of Miami-Dade County.

The Surveyor makes no representation as to ownership or possession of the Subject Property by any entity or individual that may appear on the public records of this County.

No excavation or determination was made as to how the Subject Property is served by utilities.

No improvements were located, other than those shown. No underground foundations, improvements and/or utilities were located or shown hereon.

SECTION 6) CLIENT INFORMATION:

This Topographic Survey was prepared at the request of and certified to:

T.Y.LIN International

SECTION 7) SURVEYOR'S CERTIFICATE:

I hereby certify: That this "Topographic Survey" and the Survey Map resulting therefrom was performed under my direction and is true and correct to the best of my knowledge and belief and further, that said "Topographic Survey" meets the intent of the applicable provisions of the "Standards of Practice for Land Surveying in the State of Florida", pursuant to Rule 5J-17.051 through 5J-17.052 of the Florida Administrative Code and its implementing law, Chapter 472.027 of the Florida Statutes.

HADONNE CORP., a Florida Corporation
Florida Certificate of Authorization Number LB7097

By: Abraham Hadad, PSM
For the Firm
Registered Surveyor and Mapper LS6006
State of Florida

NOTICE: Not valid without the signature and original raised seal of a Florida Licensed Surveyor and Mapper. Additions or deletions to Survey Maps by other than the signing party are prohibited without the written consent of the signing party.

REVISIONS	6	7	8	9	10
FILE					
DRAWN BY:	BG				
TECH BY:	RI				
QA/QC BY:	AH				
Job No.:	19174				
	1/2				

