

SECTION #: 86050000
STATE ROAD: A1A
PROJECT #: 452467-1-52-01
COUNTY: BROWARD

**AMENDMENT NUMBER NINETEEN (19) TO
FLORIDA DEPARTMENT OF TRANSPORTATION, DISTRICT FOUR (4)
LANDSCAPE INCLUSIVE MAINTENANCE MEMORANDUM OF AGREEMENT
FOR STATE ROAD A1A FORT LAUDERDALE**

THIS AMENDMENT Number Nineteen (19) to the Agreement dated January 31, 2008, made and entered into this _____ day of _____ 20____ by and between the State of Florida Department of Transportation, hereinafter called the **DEPARTMENT**, and the **CITY OF FORT LAUDERDALE**, a municipal corporation of the State of Florida, hereinafter called the **AGENCY**.

W I T N E S S E T H

WHEREAS, the parties entered into the Landscape Inclusive Maintenance of Agreement dated, January 31, 2008, for the purpose of the AGENCY maintaining the landscape and hardscape improvements on State Road A1A (N. Fort Lauderdale Beach Blvd.); and,

WHEREAS, Inclusive Amendment #6, dated February 5th, 2014, installed hardscape on State Road A1A from NE 9th Street to NE 18th Street, and Inclusive Amendment #9 dated May 7, 2015, installed landscape and irrigation on State Road A1A from NE 9th Street to NE 18th Street; and are included by reference and incorporated herein; and,

WHEREAS, the DEPARTMENT and the AGENCY have agreed to add additional landscape and hardscape improvements, including a midblock crossing, to be installed by the DEPARTMENT south of NE 14th Court on State Road A1A in accordance with the above referenced Agreements; and,

WHEREAS, the AGENCY by Resolution No. _____ dated _____, attached hereto as **Exhibit "E"** and by this reference made a part hereof, desires to enter into this Agreement and authorized its officers to do so; and,

NOW THEREFORE, for and in consideration of mutual benefits that flow each to the other, the parties covenant and agree as follows:

1. Pursuant to Paragraph Number Fourteen (14) in the Agreement dated January 31, 2008, the DEPARTMENT has agreed to construct additional improvements or to modify an improvement located as indicated in **Exhibit "A"**, in accordance with the plans attached as **Exhibit "B"**.

2. The AGENCY shall agree to maintain the additional improvements described above, including decorative crosswalk and paver sidewalks, in accordance with Exhibit "C" Maintenance Plan of Inclusive Amendment #6, dated February 5th, 2014, and **Exhibit "D"** Patterned Pavement Maintenance, as amended in this agreement.
3. The DEPARTMENT agrees to enter into a contract to have installed said improvements for an amount as indicated in **Exhibit "C"**, not to exceed \$53,282.00. The AGENCY shall arrange for funding via a separate agreement to be executed by the AGENCY and the DEPARTMENT.

Except as modified by this Amendment, all terms and conditions of the original Agreement and all Amendments thereto shall remain in full force and effect.

LIST OF EXHIBITS

Exhibit A - Maintenance Limits
Exhibit B - Improvement Plans
Exhibit C - Cost Estimate for Hardscape Improvements
Exhibit D - Patterned Pavement Maintenance (revised as of June 21, 2021)
Exhibit E - Resolution

In Witness whereof, the parties hereto have executed with this Amendment effective the day and year first written above.

**CITY OF FORT LAUDERDALE,
through its CITY COMMISSIONERS**

**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

By: _____
Dean J. Trantalis, Mayor

By: _____
John Krane, P.E.
Transportation Development Director

_____ day of _____, 2024

Date: _____

Susan Grant, Acting City Manager

Attest: _____
Executive Secretary

Approved as to form by Office of City Attorney

Legal Review

City Attorney

Office of the General Counsel Date

ATTEST:

David R. Soloman, City Clerk

(SEAL)

SECTION #: 86050000
STATE ROAD: A1A
PROJECT #: 452467-1-52-01
COUNTY: BROWARD

EXHIBIT A
MAINTENANCE LIMITS

**I. INCLUSIVE LANDSCAPE MAINTENANCE AGREEMENT LIMITS
FOR STATE ROAD A1A:**

From State Road 5 (US 1) M.P. 0.000 (Section 86180000)
to Flamingo Avenue (M.P. 6.410) (Section 86050000)

By Individual Sections:

Southbound One Way (Section 86050100)
M.P. 0.0000 (Seville Street) to M.P. 0.926 (Bahia Mar Hotel Entrance)

Northbound One Way / Seabreeze Blvd / 17th Street Causeway (Section 86180000):
M.P. 0.000 (State Road 5) (US 1) to M.P. 2.964 (State Road 842) (Las Olas Boulevard)

North Fort Lauderdale Beach Area (Section 86050000):
M.P. 2.039 (south of Poinsettia Street) to M.P. 6.410 (Flamingo Avenue)

II. ROADWAY PROJECT MAINTENANCE LIMITS FOR AMENDMENT #19:

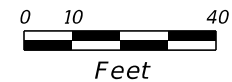
Section Number 86050000

State Road A1A (N. Fort Lauderdale Beach Blvd.) south of N.E. 14th Court,
from MP 3.778 to MP 3.835

III. PROJECT MAINTENANCE BOUNDARY MAP*:

Please See Attached

*All limits of the original agreement and amendments shall apply



PARK TOWER
1151 N FT LAUDERDALE
BEACH BLVD/ SR A1A

1200 N FT LAUDERDALE
BEACH BLVD / SR A1A

END PROJECT
END MILLING AND RESURFACING
MP 3.835 STA. 260+80.00
@ SURVEY SR A1A

R/W LINE

NE 14 CT

258

259

260

261

262

263

CL CONST.
SR A1A

@ SURVEY
SR A1A

SR A1A/ FT LAUDERDALE BEACH BLVD

CL CONST.
SR A1A

POT STA. +0193

R/W LINE

EXIST.
EASEMENT LINE

BEGIN PROJECT
BEGIN MILLING AND RESURFACING
MP 3.778 STA. 257+90.90
@ SURVEY SR A1A

LEGEND



HARDSCAPE MAINTENANCE BY
CITY OF FORT LAUDERDALE*

*ALL MAINTENANCE LIMITS OF THE ORIGINAL
AGREEMENT AND AMENDMENTS STILL APPLY

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MARK CISSELL, P.E. LICENSE NUMBER: 60809 CHA CONSULTING, INC. 8935 NW 35TH LANE, SUITE 200 DORAL, FL 33172		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR A1A	BROWARD	452467-1-52-01		

CAM 24-0790
Exhibit 1

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

SECTION #:	86050000
STATE ROAD:	A1A
PROJECT #:	452467-1-52-01
COUNTY:	BROWARD

EXHIBIT B

ROADWAY IMPROVEMENT PLANS

The AGENCY agrees to install the improvements in accordance with the roadway plans and specifications attached hereto and incorporated herein.

Please see attached plans prepared by: Mark Cissell, PE
CHA Consulting, Inc.

Biddability Submittal
June 2024

CONTRACT PLANS COMPONENTS

ROADWAY
SIGNING AND PAVEMENT MARKING
SIGNALIZATION
LIGHTING

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2 - 3	TYPICAL SECTIONS
4 - 5	PROJECT CONTROL
6	GENERAL NOTES
7	ROADWAY PLAN
8 - 10	SPECIAL DETAILS
11 - 13	TEMPORARY TRAFFIC CONTROL PLAN

UTV-1* VERIFIED UTILITY LOCATE

* THIS SHEET IS INCLUDED IN THE INDEX OF ROADWAY PLANS ONLY TO INDICATE THAT THEY ARE PART OF THE ROADWAY PLANS. THIS SHEET IS CONTAINED IN A SEPARTE DIGITALLY SIGNED AND SEALED DOCUMENT.

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2023-24 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY 2023-24 Standard Specifications for Road and Bridge Construction at the following website:
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
ROADWAY PLANS

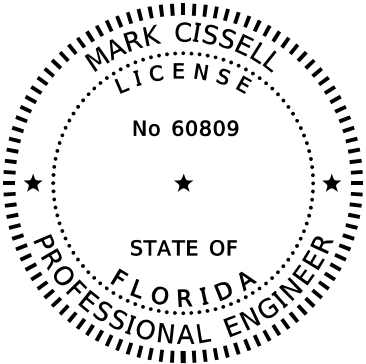
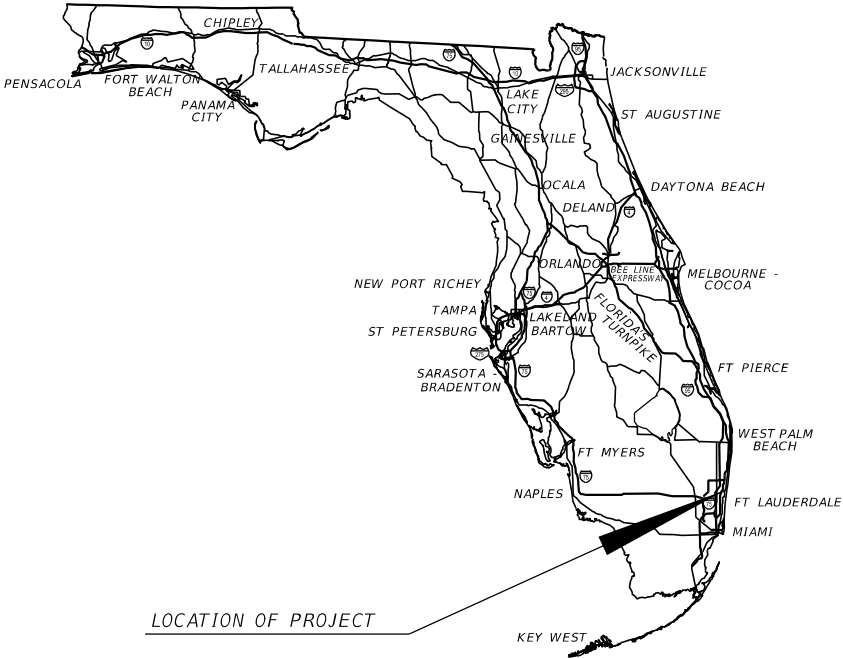
FINANCIAL PROJECT ID 452467-1-52-01, 452467-1-52-02
(FEDERAL FUNDS)
BROWARD COUNTY (86050)

STATE ROAD NO. A1A (N FT LAUDERDALE BEACH BLVD)
ADD A MIDBLOCK PEDESTRIAN CROSSING SOUTH OF NE 14TH CT

PROJECT LOCATION URL: <https://tinyurl.com/5abpaxvf>
PROJECT LIMITS: BEGIN MP 3.778 - END MP 3.833
EXCEPTIONS: NONE
BRIDGE LIMITS: NONE
RAILROAD CROSSING: NONE

BIDDABILITY SUBMITTAL
JUNE 2024

THIS PROJECT TO BE LET TO CONTRACT
WITH FINANCIAL PROJECT ID(S):
452518-1-52-01, 452518-1-52-02, 452467-1-52-01,
452467-1-52-02



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.

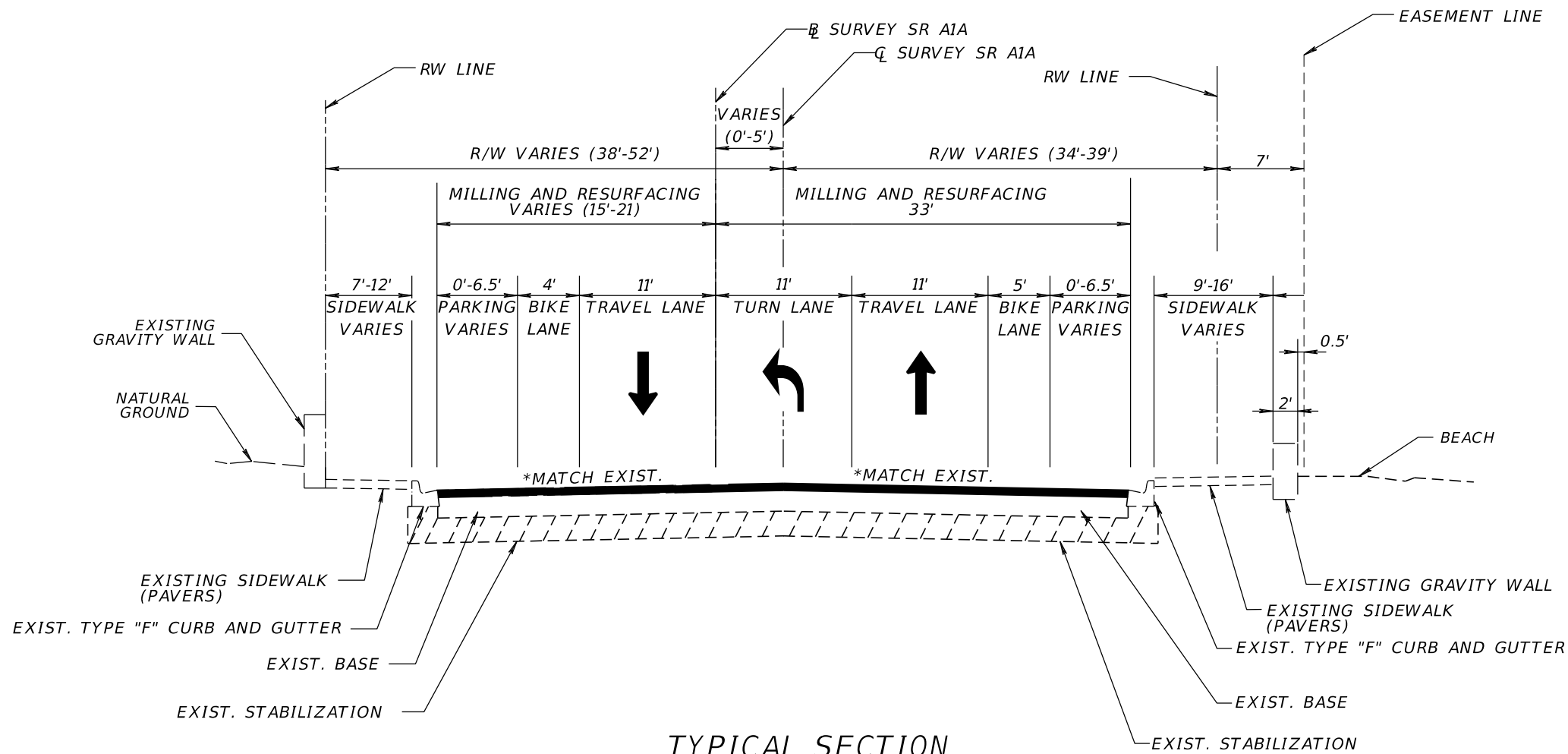
ROADWAY PLANS
ENGINEER OF RECORD:

MARK CISSELL, P.E.
P.E. LICENSE NUMBER 60809
CHA CONSULTING, INC.
8935 NW 35th LANE, SUITE 200
DORAL, FLORIDA 33172
CONTRACT NO.: CAK30
VENDOR NO.: 16-0966259

FDOT PROJECT MANAGER:

OMID FALLAHINEJAD, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
T 4713	25	1



TYPICAL SECTION
SR A1A
STA. 257+91.00 TO STA. 259+46.18
STA. 260+21.15 TO STA. 260+87.00

*CROSS SLOPE VARIES 0.015 TO 0.030

TRAFFIC DATA

CURRENT YEAR = 2022 AADT = 24000
ESTIMATED OPENING YEAR = 2026 AADT = 25500
ESTIMATED DESIGN YEAR = 2046 AADT = 35000
K = 9.0% D = 53.5% T = 3.4% (24 HOUR)
DESIGN HOUR T = 1.7%
DESIGN SPEED = 30 MPH
CONTEXT CLASSIFICATION = C3R

TRAVEL AND BIKE LANES

MILL EXISTING ASPHALT PAVEMENT (1.5" DEPTH)
FRICTION COURSE FC-12.5 (TRAFFIC B) (1.5") (PG 76-22)

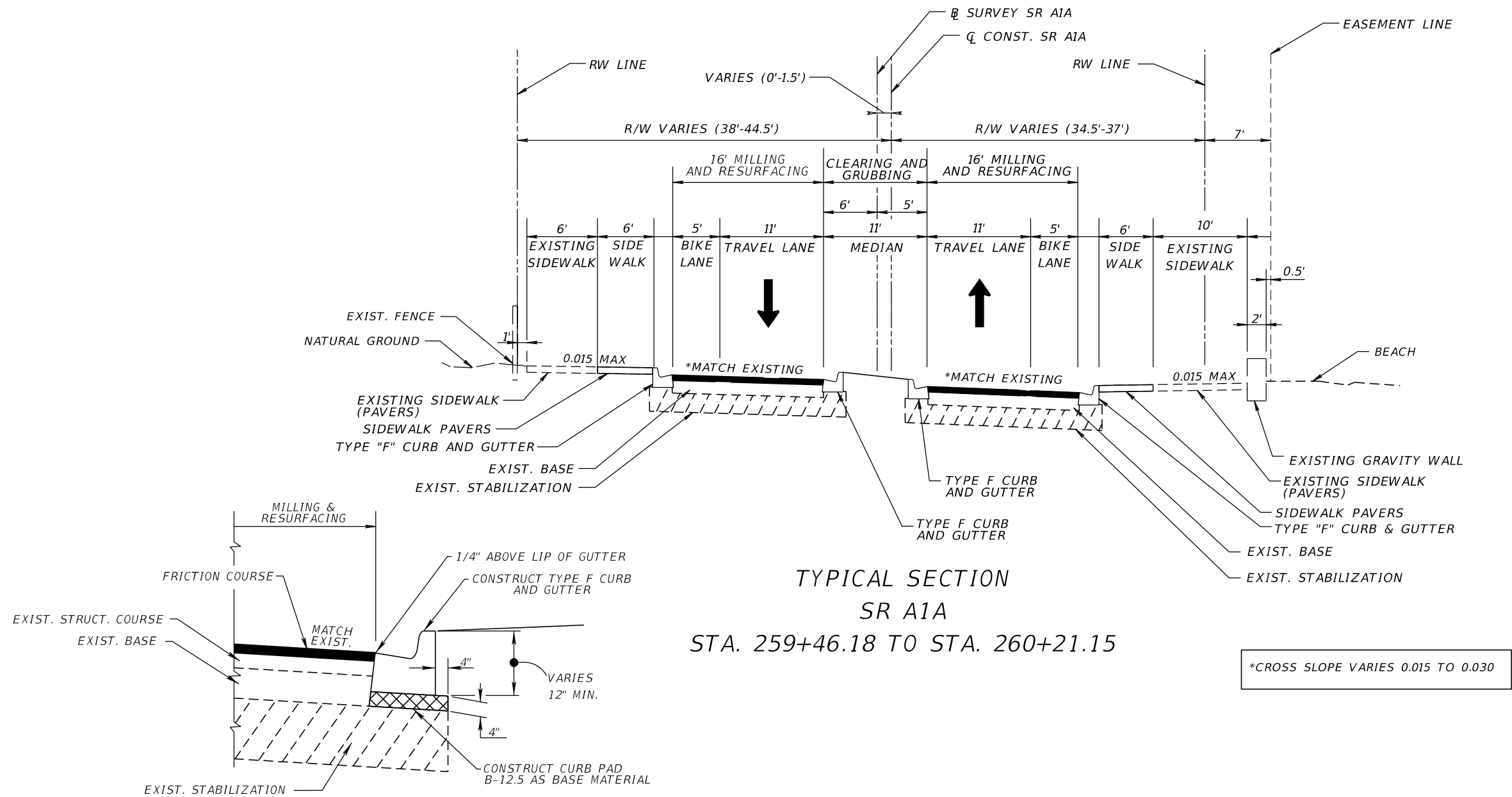
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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						SR A1A	BROWARD	452467-1-52-01	

TYPICAL SECTIONS

2
CAM 24-0790

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TYPICAL SECTIONS

3
CAM 24-0790
Exhibit 1

PROJECT CONTROL POINTS

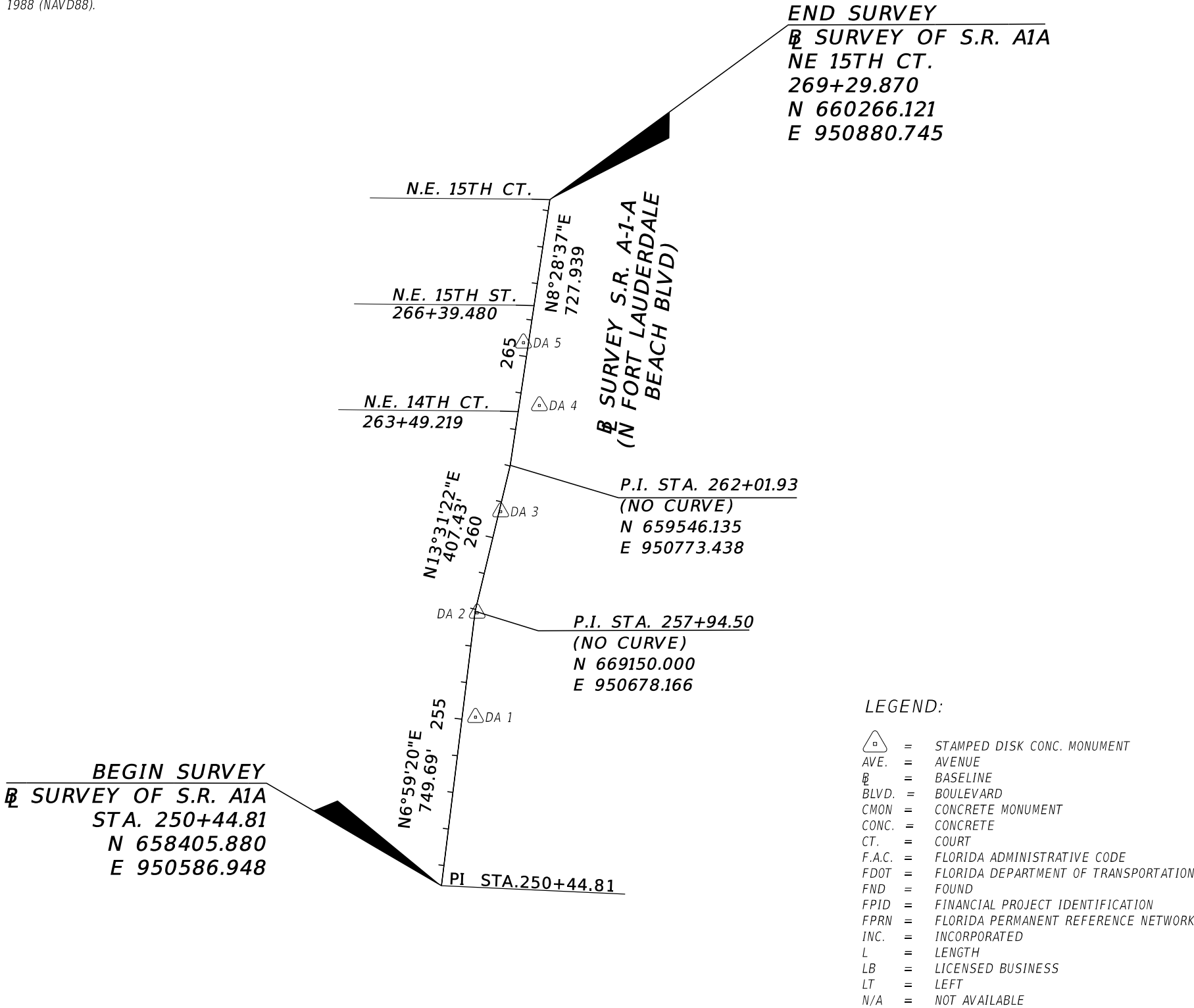
⌘ SURVEY S.R. A-1-A

TRAVERSING THROUGH SECTION 31,
TOWNSHIP 49 SOUTH, RANGE 43 EAST
BROWARD COUNTY, FLORIDA

1. THE BEARINGS AND COORDINATES SHOWN HEREON ARE RELATIVE TO STATE PLANE
COORDINATES, FLORIDA EAST ZONE, NORTH AMERICAN DATUM (NAD) OF 1983, ADJUSTMENT 1990
AND ARE BASED UPON A BEARING OF NORTH 00°54'42" EAST BETWEEN MONUMENTS "DA 1" AND
"DA 2".
2. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
3. PROJECT UNITS: U.S. SURVEY FEET.



NOT TO SCALE



R E V I S I O N S						E N G I N E E R O F R E C O R D	S T A T E O F F L O R I D A D E P A R T M E N T O F T R A N S P O R T A T I O N			P R O J E C T C O N T R O L		S H E E T N O.
D A T E	B Y	D E S C R I P T I O N		D A T E	B Y	D E S C R I P T I O N						R O A D N O.
								M A R K C I S S E L L , P . E . L I C E N S E N U M B E R : 6 0 8 0 9 C H A C O N S U L T I N G , I N C . 8 9 3 5 N W 3 5 T H L A N E , S U I T E 2 0 0 D O R A L , F L 3 3 1 7 2	S R A 1 A			B R O W A R D

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PROJECT CONTROL POINTS

⌘ SURVEY S.R. A-1-A

TRAVERSING THROUGH SECTION 31,
TOWNSHIP 49 SOUTH, RANGE 43 EAST
BROWARD COUNTY, FLORIDA

PROJECT NETWORK CONTROL TABULATION SHEET DETAILS									
POINT NAME	(Y) NORTHING	(X) EASTING	SCALE FACTOR	LATITUDE	LONGITUDE	BASELINE STATION	OFFSET	(Z) ELEVATION	DESCRIPTION
DA 1	658863.112	950679.217	1.00004063	26°08'36.59484"	80°06'08.12075"	255+09.87	35.95 RT	8.14	SET NAIL AND DISC STAMPED "DA 1"
DA 2	659146.246	950683.723	1.00004064	26°08'39.39855"	80°06'08.04986"	257+91.45	5.97 RT	7.23	SET NAIL AND DISC STAMPED "DA 2"
DA 3	659420.463	950747.484	1.00004068	26°08'42.10990"	80°06'07.32945"	260+73.67	4.15 RT	6.69	SET NAIL AND DISC STAMPED "DA 3"
DA 4	659708.344	950852.489	1.00004075	26°08'44.95375"	80°06'06.15543"	263+74.02	54.28 RT	7.32	SET NAIL AND DISC STAMPED "DA 4"
DA 5	659878.307	950809.286	1.00004072	26°08'46.63993"	80°06'06.61661"	265+35.76	13.51 LT	6.34	SET NAIL AND DISC STAMPED "DA 5"
860467-H	656965.115	949628.331	1.00003993	26°08'17.86972"	80°06'19.79494"	N/A	N/A	4.53	FOUND BRASS DISC STAMPED "860467 H"
EDH 17	656959.068	949239.888	1.00003967	26°08'17.83628"	80°06'24.05744"	N/A	N/A	4.56	FOUND BRASS DISC STAMPED "EDH 17 RESET 1985"

R E V I S I O N S						ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT CONTROL	CAM 24-0790 Exhibit 1 Page 14 of 23	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	MARK CISSELL, P.E. LICENSE NUMBER: 60809 CHA CONSULTING, INC. 8935 NW 35TH LANE, SUITE 200 DORAL, FL 33172		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
								SR A1A	BROWARD	452467-1-52-01			

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GENERAL NOTES:

1. 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.
WILLIAM ARATA, P.S.M.
P.S.M. NO.: 5082
FDOT DISTRICT 4
3400 W COMMERCIAL BLVD.
FORT LAUDERDALE, FL 33309
2. UTILITY OWNERS AND AGENCY PERSONNEL, AND CONTACTS FOR OTHER REQUIRED ACTIONS

COMPANY	CONTACT	TELEPHONE NUMBER
AT&T FLORIDA	HENRY URENA	(954)-260-0615
CROWN CASTLE	DANNY HASKETT	(786)-610-7073
COMCAST	JUSTIN CASSELL	(786)-427-4049
FPL DISTRIBUTION	AKRUM JOMAA	(954)-321-2067
HOTWIRE	WALTER SANCHE-DAVILA	(954)-699-0900
TECO PEOPLES GAS	DIEGO A. UZCATEGUI PINO	(786)-575-0261
VERIZON MCI	JOHN HANSON	(786)-412-7878
BROWARD COUNTY TRAFFIC ENGINEERING DIVISION	ROB BLOUNT	(954)-847-2745
FDOT TRAFFIC DATA	KARA SCHWARTZ-DIMAINA	(954)-777-4364
BROWARD COUNTY TRANSIT	KURT PETGRAVE	(954)-357-6793
CITY OF FT LAUDERDALE	CRAIG BARRETT	(954)-828-5875

3. THIS PROJECT LIES WITHIN 10 NAUTICAL MILES OF AN AIRPORT. ALL PERMANENT FEATURES OF THE PROJECT HAVE BEEN FOUND IN COMPLIANCE WITH FEDERAL AVIATION ADMINISTRATION (FAA) 14 CFR PART 77 (677.7). COMPLY WITH FEDERAL AVIATION ADMINISTRATION (FAA) 14 CFR PART (677.7). CONTACT APPROPRIATE FAA PERSONNEL TO COORDINATE SUCH COMPLIANCE FOR CONSTRUCTION OPERATIONS AND EQUIPMENT TO BE USED ON THE PROJECT SITE. BE AWARE THAT 14 CFR PART 77 (677.7) ESTABLISHES THAT NOTIFICATION MUST BE SUBMITTED 45-DAYS PRIOR TO CONSTRUCTION ACTIVITIES WHICH MAY IMPACT AIRPORT-CONTROLLE AIRSPACE OR FACILITIES. GIVEN THE TIME REQUIRED TO CONDUCT AN AERONAUTICAL STUDY, A 45-60 DAY ADVANCE FILING IS RECOMMENDED TO ACCOMMODATE THE REVIEW PROCESS AND ALLOW TIMELY ISSUANCE OF THE FAA DETERMINATION LETTER. SEE <http://www.faa.gov/airports/central/engineering/part77/> FOR ADDITIONAL INFORMATION. FILE THE REQUIRED NOTICE OF CONSTRUCTION COMMENCEMENT FORM (7460-2 PART 1) PRIOR TO STARTING WORK. FILE THE REQUIRED FORM (7460-2 PART 2) WITHIN 5 DAYS OF COMPLETION OF THE HIGHEST ELEMENT OF PERMANENT CONSTRUCTION.

BROWARD COUNTY TRANSIT NOTES:

1. PASSENGER ACCESS TO AND FROM BUS STOPS SHALL BE MAINTAINED DURING CONSTRUCTION.
2. IN THE EVENT ANY BUS STOPS ARE TO BE IMPACTED, COORDINATE WITH BROWARD COUNTY TRANSIT FOR ANY TEMPORARY RELOCATION OF BUS STOPS.

PAY ITEM NOTES:

108-1:
IN ADDITION TO THE REQUIREMENTS OF STANDARD SPECIFICATIONS, SECTION 108, PROVIDE INSPECTION AND SETTLING MONITORING FOR THE FOLLOWING STRUCTURES:

-PARK TOWER CONDOMINIUM BUILDING AT 1151 N FT. LAUDERDALE BEACH BLVD.

108-2:
PROVIDE VIBRATION MONITORING FOR THE FOLLOWING STRUCTURES:

-PARK TOWER CONDOMINIUM BUILDING AT 1151 N FT. LAUDERDALE BEACH BLVD.

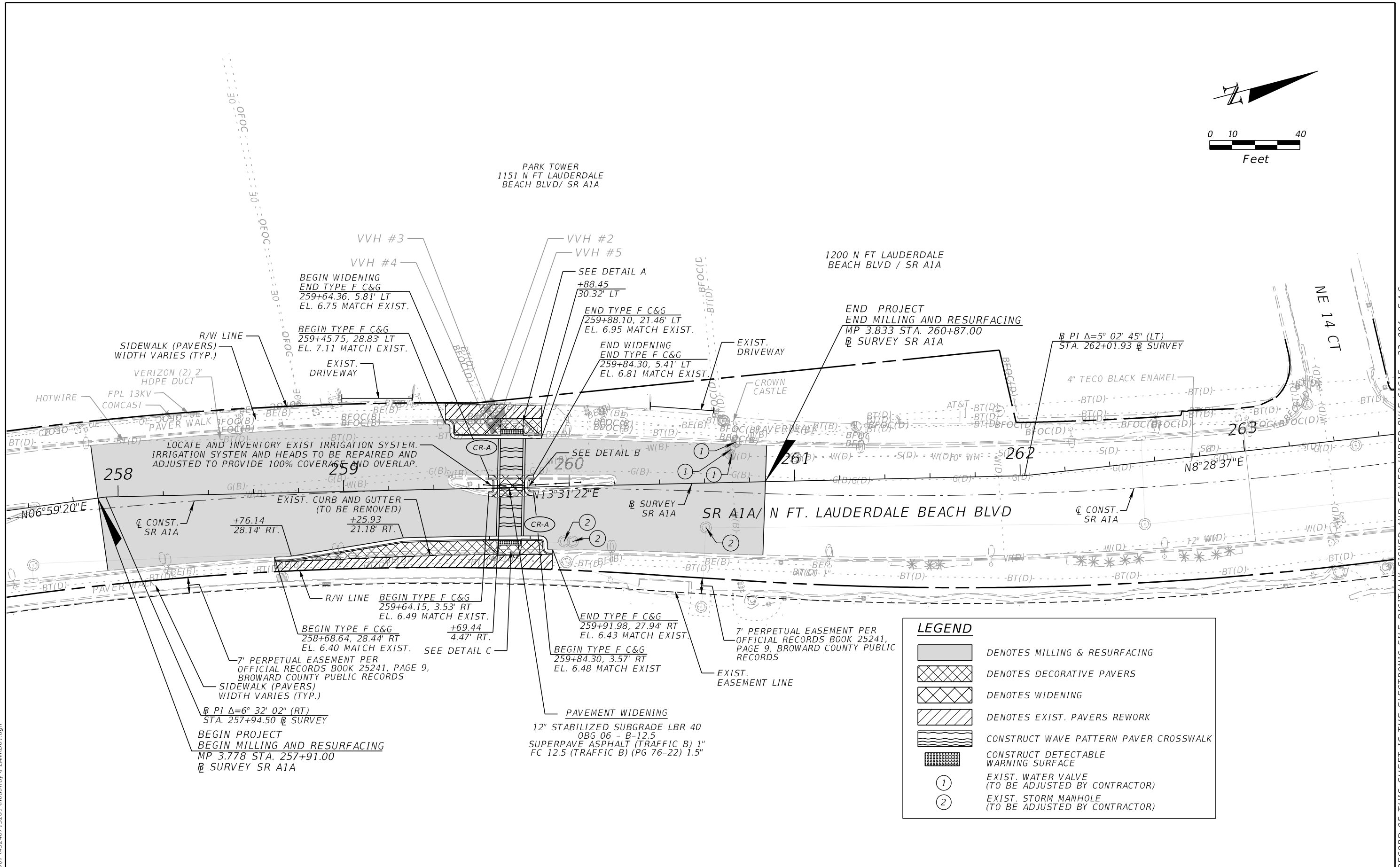
PHASE III NOTES FOR REVIEWERS:

1. A PROPRIETARY PRODUCT PACKAGE FOR IRRIGATION HAS BEEN SUBMITTED AND PENDING SIGNATURE CONCURRENCE.
2. A TSP FOR IRRIGATION REPAIRS (590-70-1) HAS BEEN SUBMITTED AND PENDING SIGNATURE CONCURRENCE.
3. A LOCAL FUNDING AGREEMENT IS IN THE PROCESS OF BEING EXECUTED FOR DECORATIVE LIGHTING, DECORATIVE PAVERS, AND STAMPED ASPHALT.

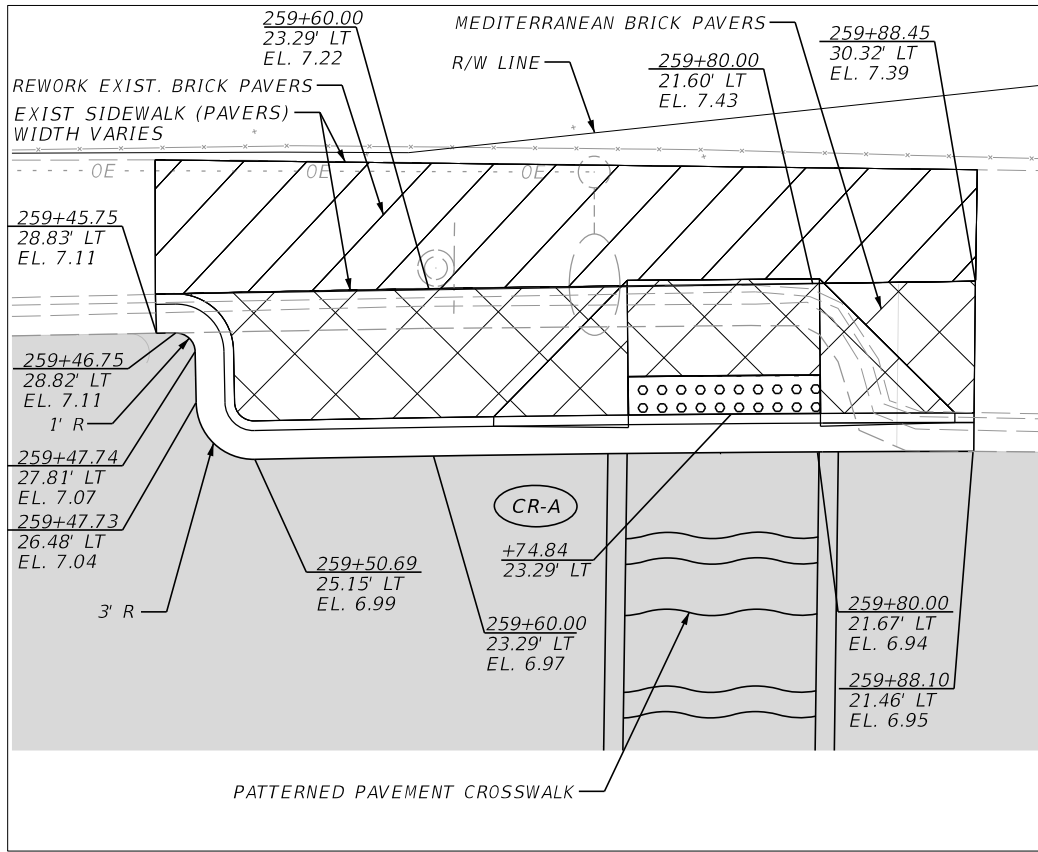
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.
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MARK CISSELL, P.E.
LICENSE NUMBER: 60809
CHA CONSULTING, INC.
8935 NW 35TH LANE, SUITE 200
DORAL, FL 33172

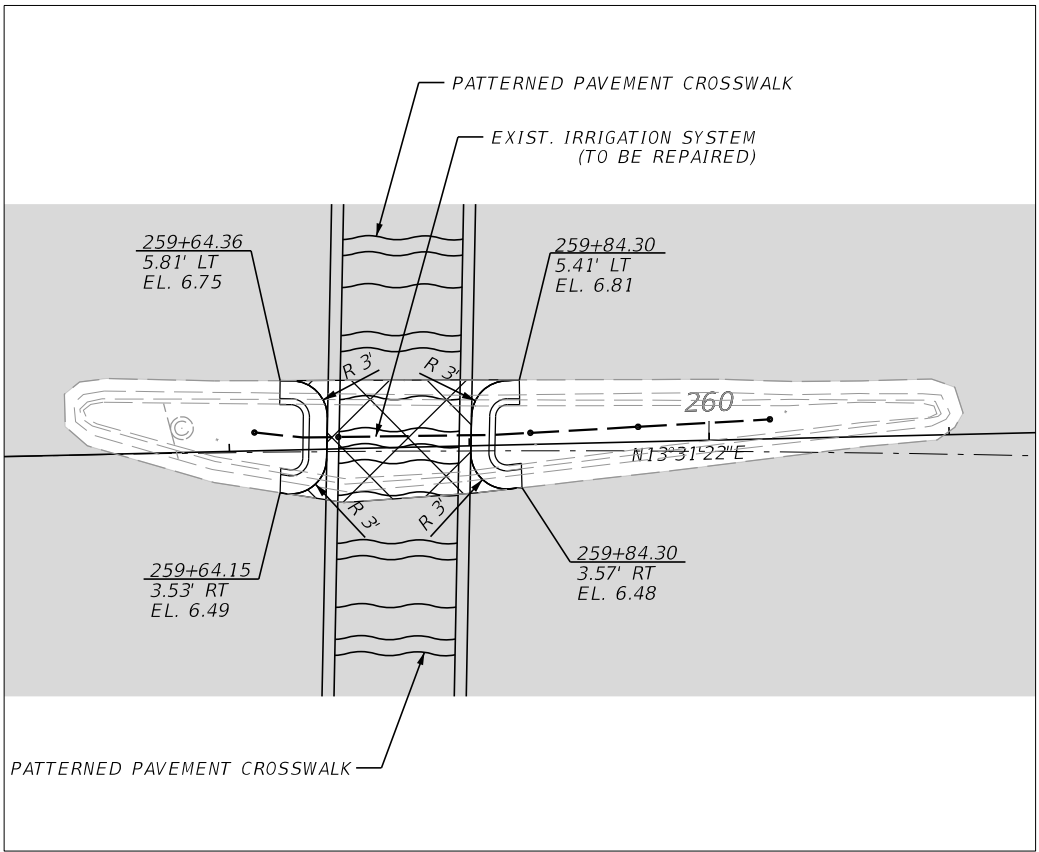
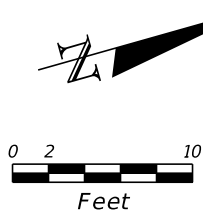
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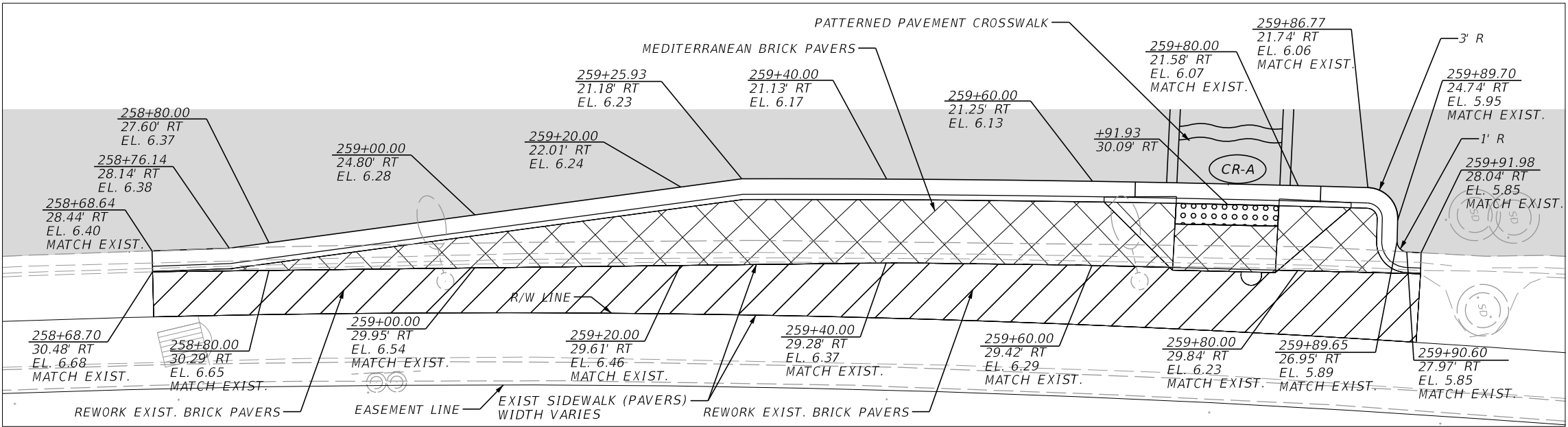
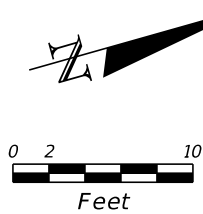
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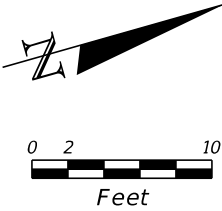
DETAIL A
WEST RAMP
SR A1A S OF NE 14TH CT



DETAIL B
MIDBLOCK CROSSING
SR A1A S OF NE 14TH CT



DETAIL C
EAST RAMP
SR A1A S OF NE 14TH CT



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SPECIAL DETAILS

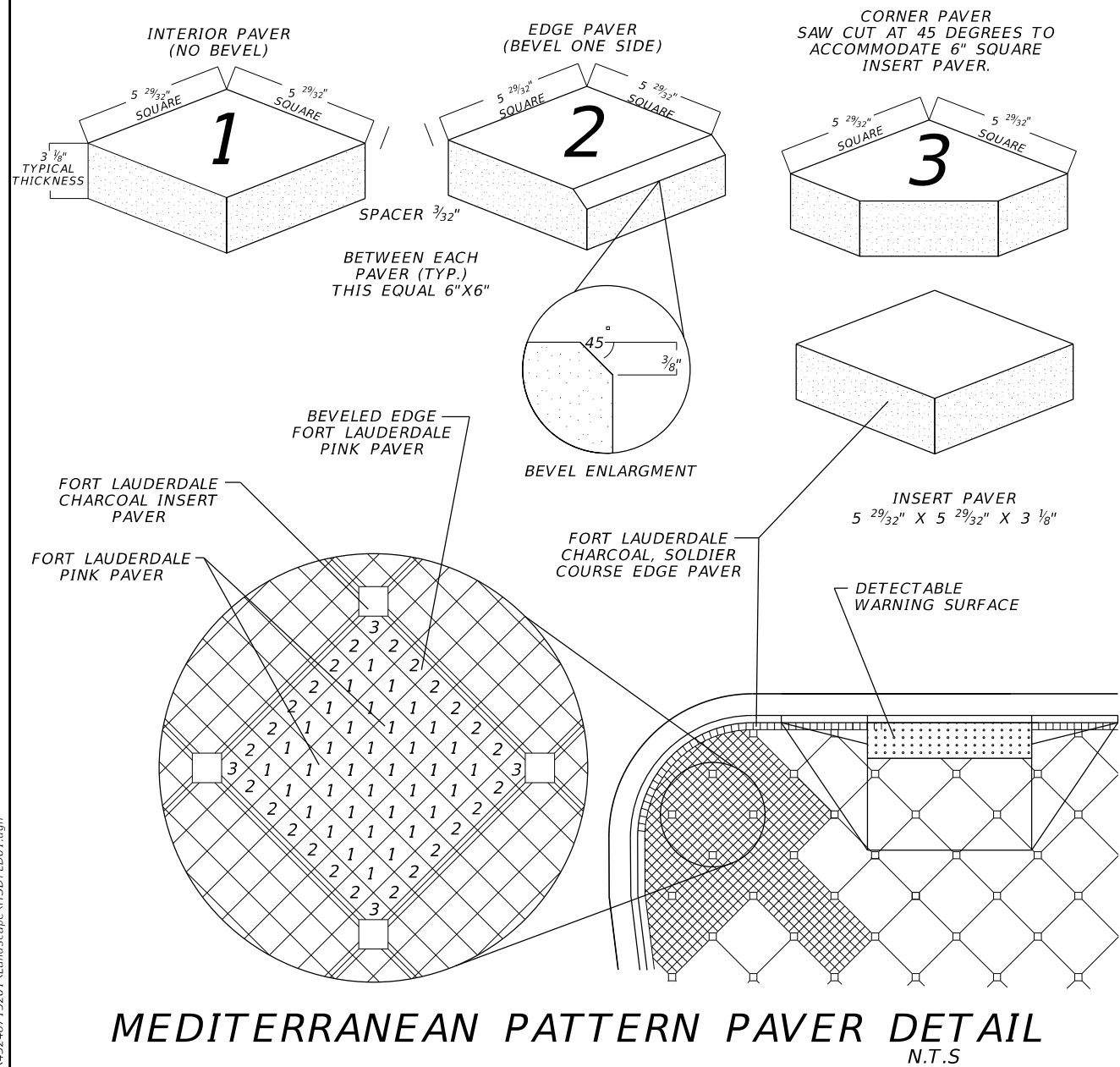
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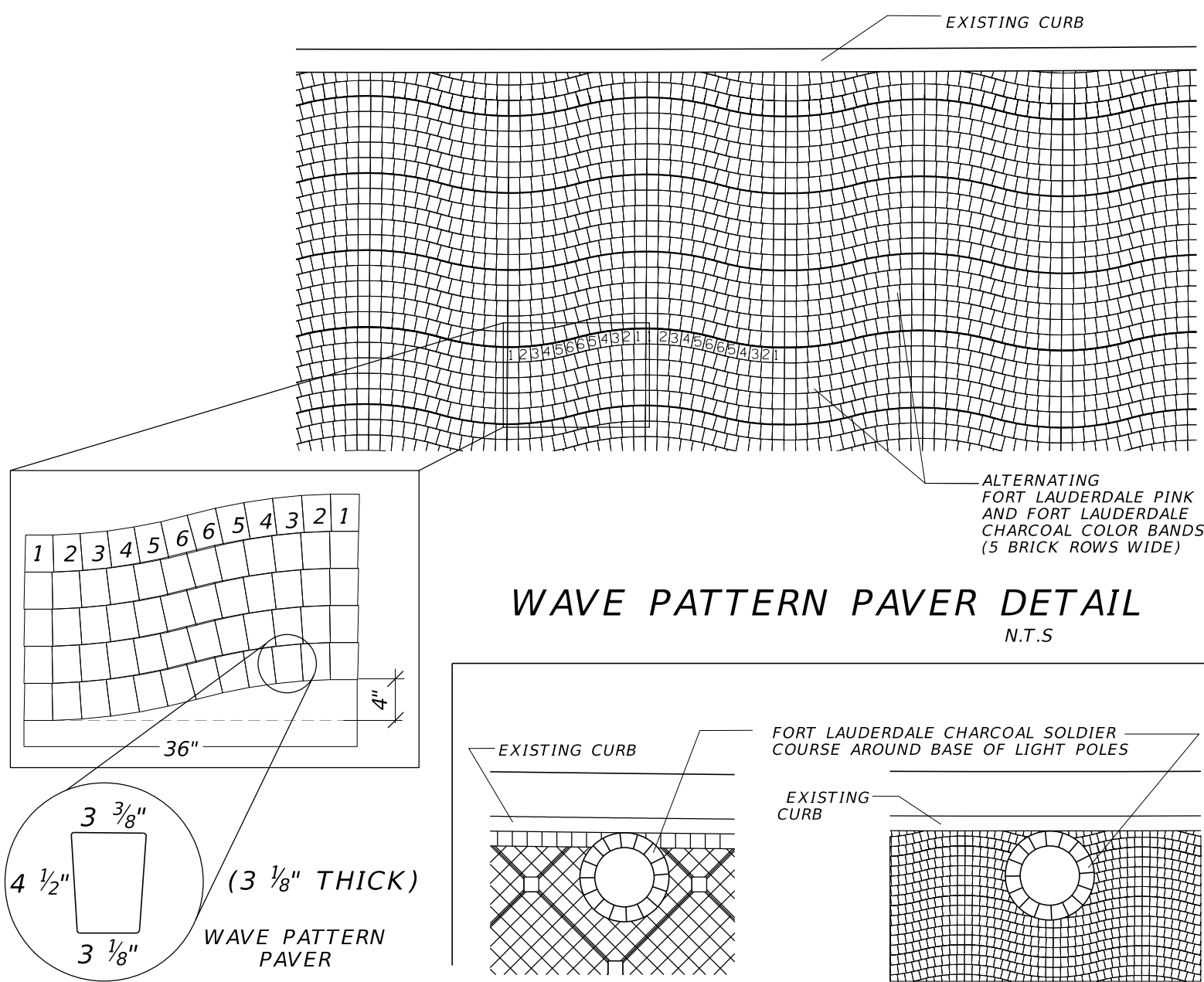


PAVER SIDEWALK

N.T.S



MEDITERRANEAN PATTERN PAVER DETAIL
N.T.S



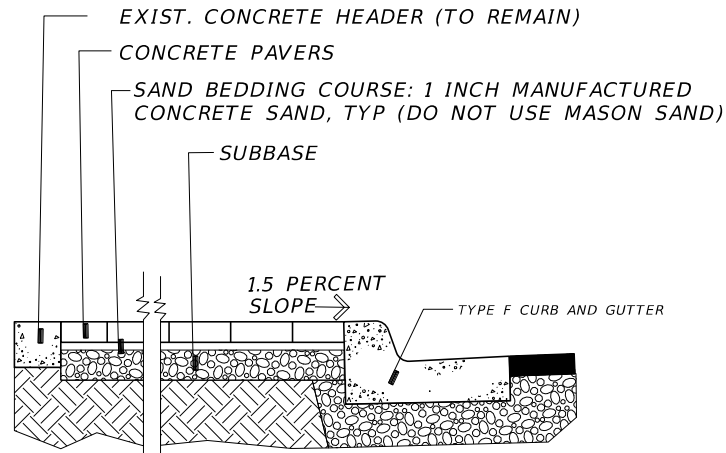
WAVE PATTERN PAVER DETAIL
N.T.S

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				MARK CISSELL, P.E. LICENSE NUMBER: 60809 CHA CONSULTING, INC. 8935 NW 35TH LANE, SUITE 200 DORAL, FL 33172		SR A1A	BROWARD	452467-1-52-01	

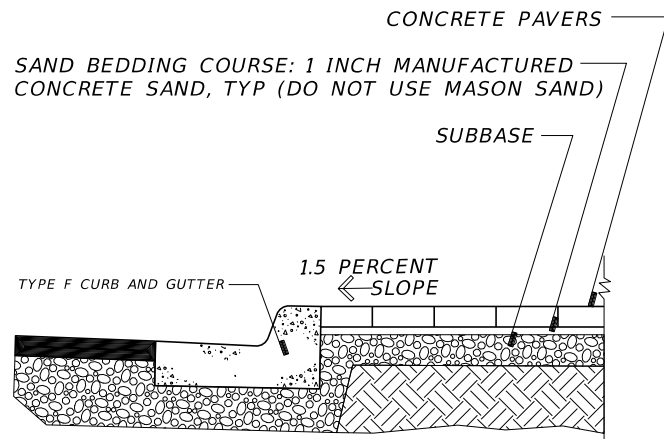
SPECIAL DETAILS

9
CAM 24-0790

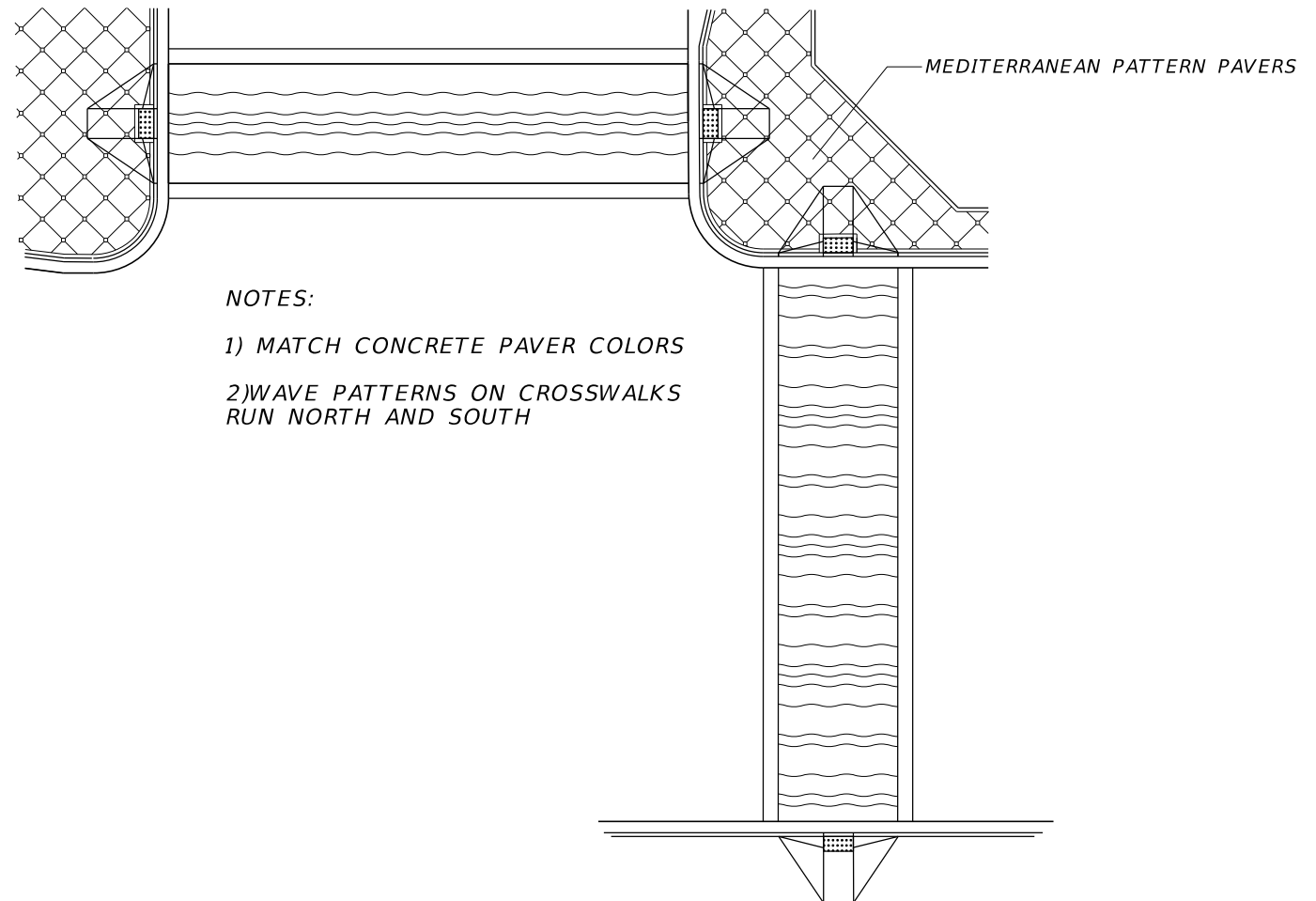
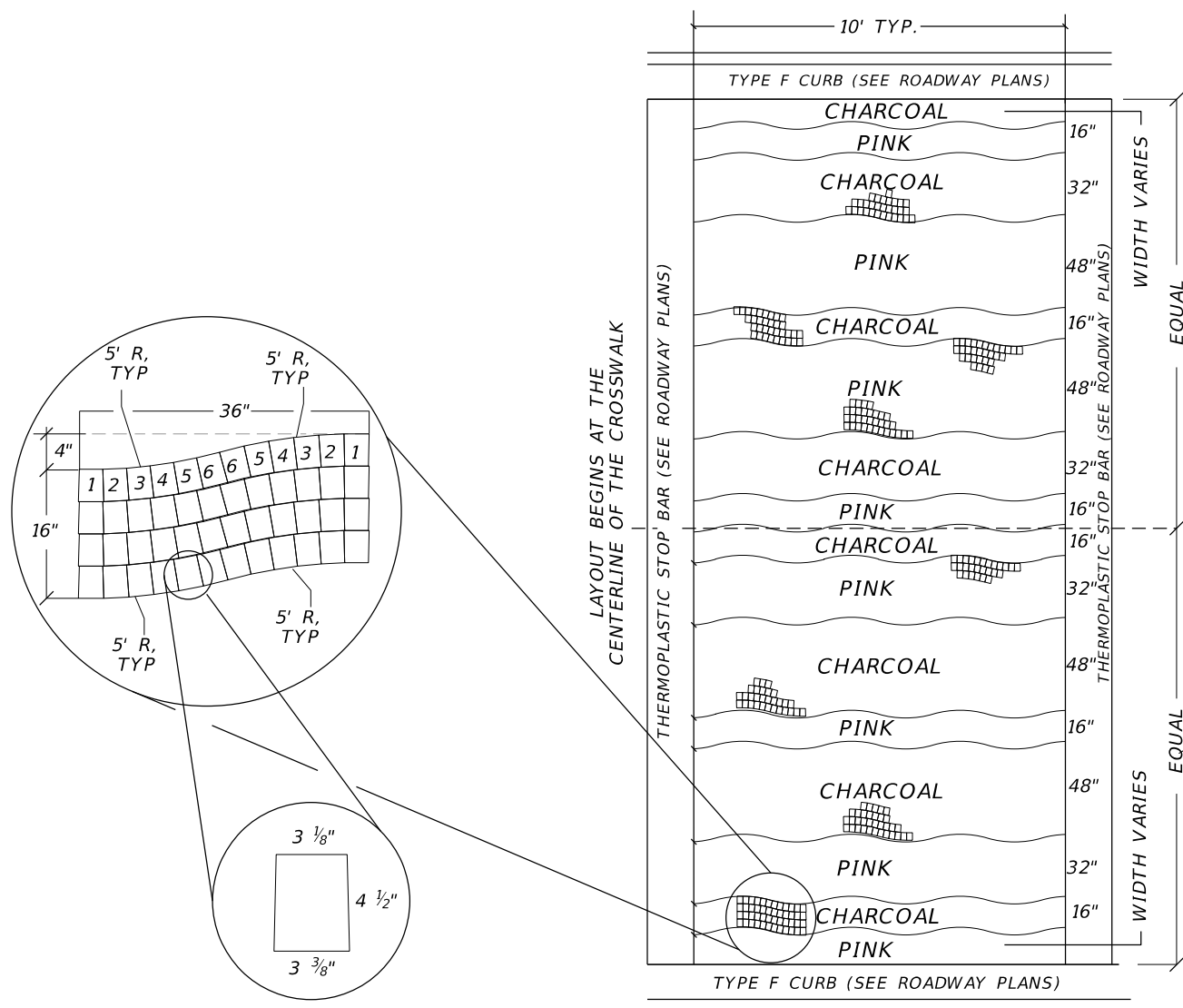
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PAVER SIDEWALK SECTION
(WEST SIDE OF SR A1A -
STA. 259+45.75 TO STA. 259+88.10)
 N.T.S.



PAVER SIDEWALK SECTION
(EAST SIDE OF A1A -
STA. 258+68.64 TO STA. 259+91.98)
 N.T.S.



- NOTES:
- 1) MATCH CONCRETE PAVER COLORS
 - 2) WAVE PATTERNS ON CROSSWALKS RUN NORTH AND SOUTH

PATTERNED PAVEMENT
CROSSWALK DETAIL

N.T.S.

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				MARK CISSELL, P.E. LICENSE NUMBER: 60809 CHA CONSULTING, INC. 8935 NW 35TH LANE, SUITE 200 DORAL, FL 33172	SR A1A	BROWARD	452467-1-52-01	

SPECIAL DETAILS

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CAM 24-0790
Exhibit 1

TEMPORARY TRAFFIC CONTROL NOTES

GENERAL:

- 1. WORK ZONE SPEED IS 30 M.P.H.
- 2. LANE CLOSURES SHALL OCCUR ONLY DURING NON-PEAK HOURS OR NON-EVENT DAYS/NIGHTS/WEEKENDS. NON-PEAK HOURS ARE:
9:00 PM TO 8:00 AM - WEEK DAYS (MONDAY THRU THURSDAY)
- 3. NO NIGHTTIME WORK SHALL OCCUR DURING THE MONTH OF MARCH THROUGH OCTOBER DUE TO SEA TURTLE NESTING SEASON.
- 4. PAVEMENT SHALL NOT BE MILLED MORE THAN CAN BE REPLACED WITHIN THE SAME WORK SHIFT.
- 5. CONCRETE SIDEWALK AND CURB AND GUTTER SHALL BE REMOVED AND REPLACED WITHIN THE SAME WORK SHIFT.
- 6. NOTIFY THE CITY OF FORT LAUDERDALE 14 DAYS PRIOR TO ANY LANE CLOSURES AND CHANGES TO TRAFFIC PATTERNS.

ADVANCE CONSTRUCTION NOTICE:

- 1. FURNISH AND MANTAIN PORTABLE CHANGEABLE MESSAGE SIGNS AT EACH APPROACH TO WORK ZONE (14 DAYS IN ADVANCE).

PLACE PCMS 14 DAYS IN ADVANCE OF CONSTRUCTION



PANEL 1



PANEL 2

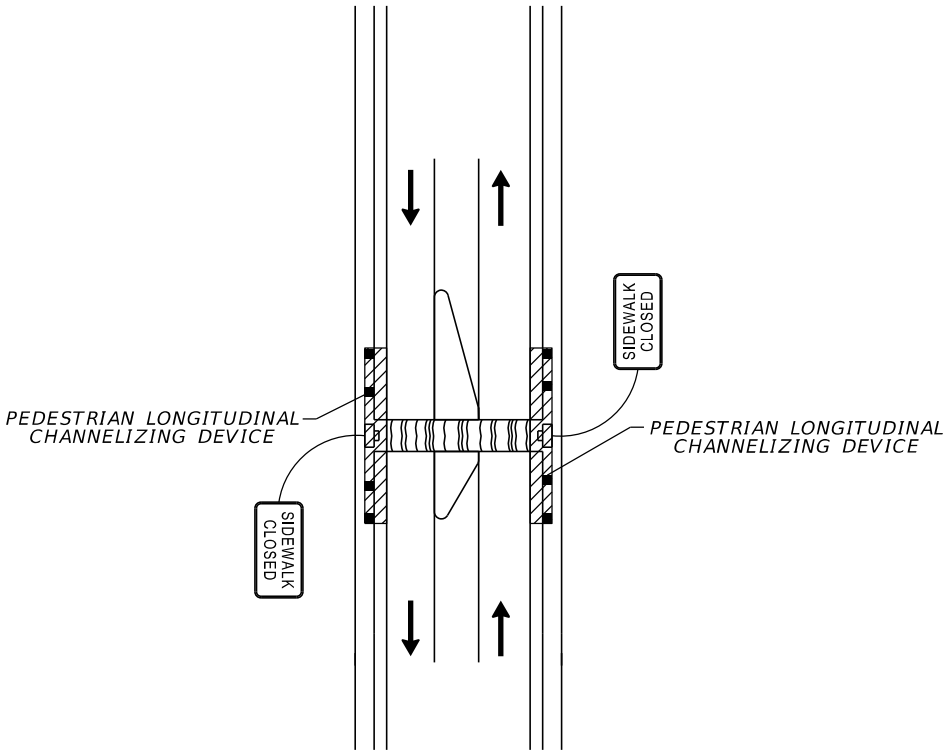
PLACE PCMS DURING CONSTRUCTION



PANEL 1



PANEL 2

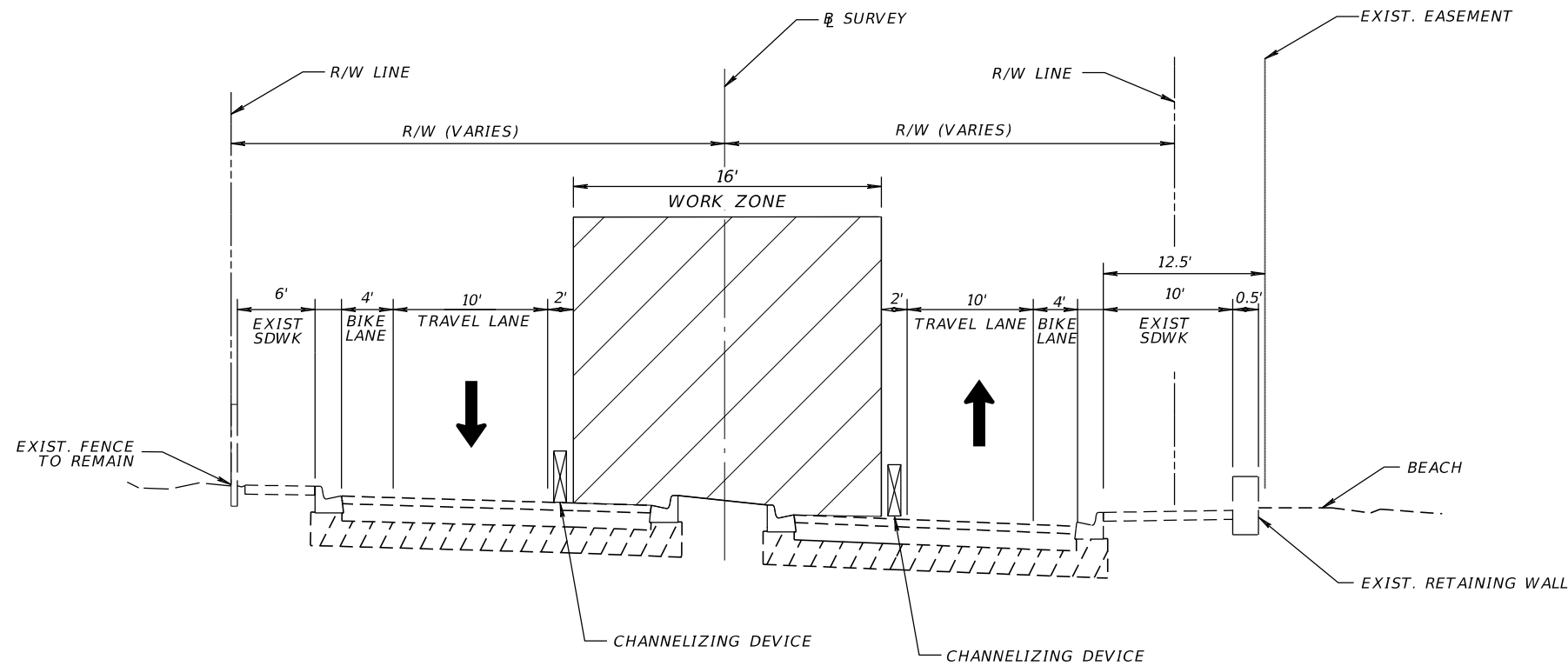


CROSSWALK CLOSURE DETAIL

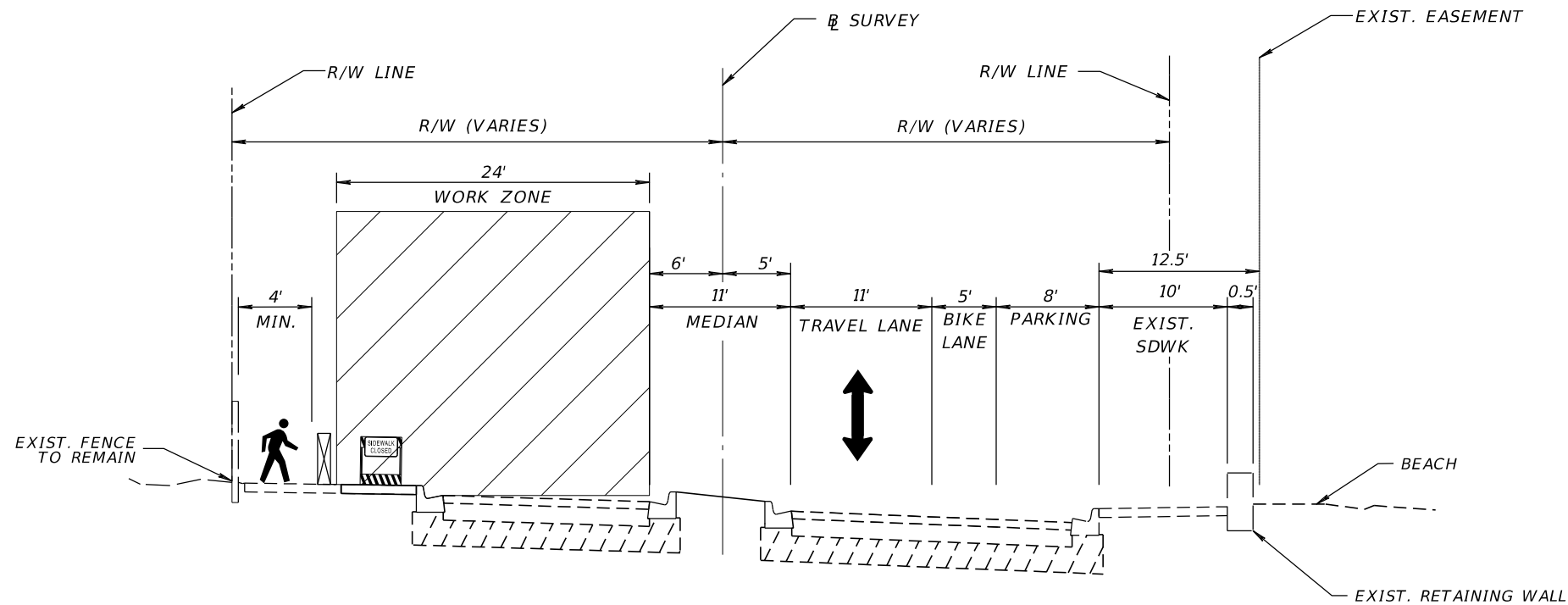
- 1. CHANNELIZING DEVICES AND SIDEWALK CLOSED SIGNS TO BE PLACED IN ACCORDANCE WITH THE CROSSWALK CLOSURE DETAIL ABOVE TO KEEP PEDESTRIANS FROM USING THE CROSSWALK UNTIL ALL WORK IS COMPLETED.

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION	MARK CISSELL, P.E. LICENSE NUMBER: 60809 CHA CONSULTING, INC. 8935 NW 35TH LANE, SUITE 200 DORAL, FL 33172		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		CAM 24-0790 Exhibit 1	11
						SR A1A	BROWARD	452467-1-52-01			

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- PHASE I**
1. INSTALL TEMPORARY WORK SIGNS, BARRICADES, AND OTHER TRAFFIC CONTROL DEVICES ON BOTH THE INSIDE SOUTHBOUND AND NORTHBOUND TRAFFIC LANES AS REQUIRED PER INDEX 102-603 AND 102-613. CLOSE INSIDE LANE AND USE ON-STREET PARKING AS ROUTE FOR TEMPORARY BIKE AND VEHICULAR LANES.
 2. MAINTAIN BICYCLE TRAFFIC AS PER INDEX 102-661.
 2. INSTALL AND MAINTAIN TEMPORARY INLET PROTECTION DEVICES.
 3. CONSTRUCT CURB AND GUTTER, PAVEMENT WIDENING IN THE MEDIAN.



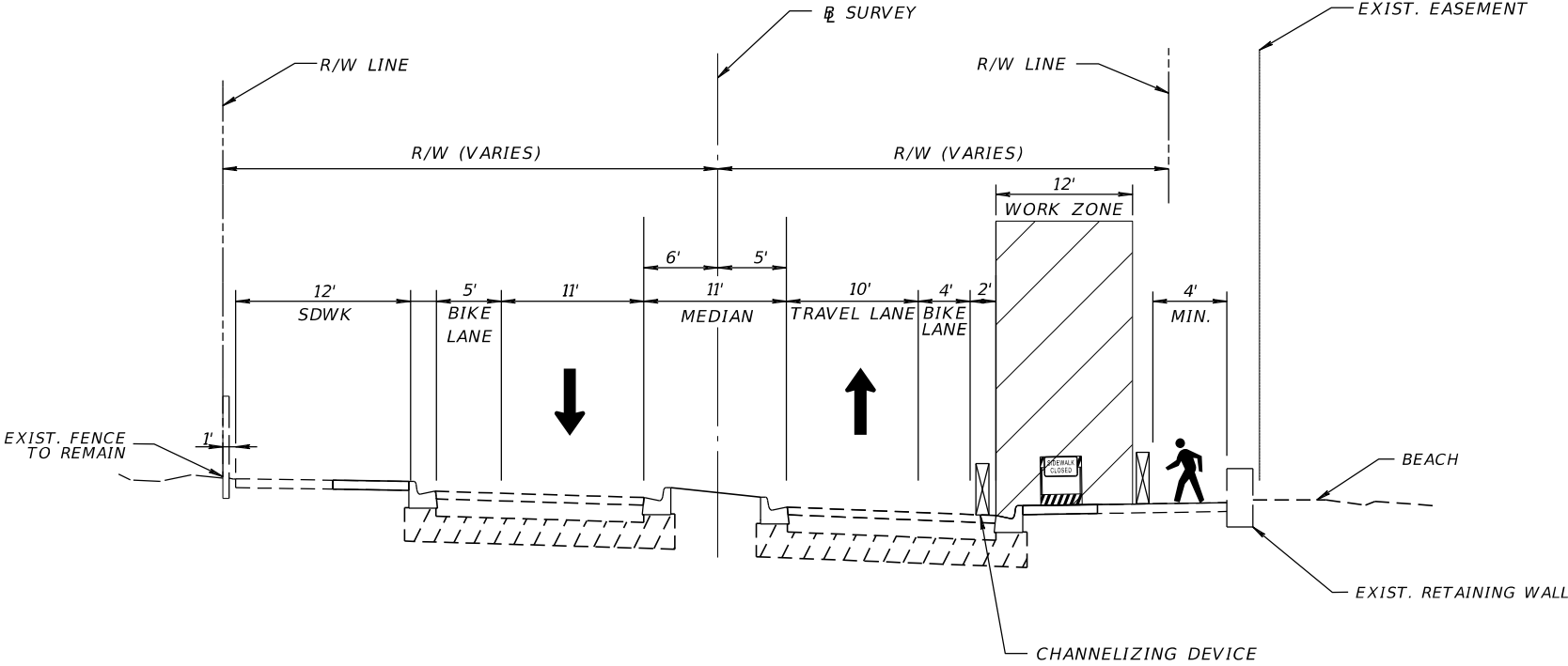
- PHASE II**
1. INSTALL TEMPORARY WORK SIGNS, BARRICADES, AND OTHER TRAFFIC CONTROL DEVICES REQUIRED AS PER INDEX 106-603 AND 102-613 TO CLOSE SOUTHBOUND TRAFFIC LANE AND USE ONE-LANE TWO-WAY TRAFFIC CONTROL WITH FLAGGERS ON NORTHBOUND LANE.
 2. INSTALL AND MAINTAIN TEMPORARY INLET PROTECTION DEVICES.
 3. MAINTAIN PEDESTRIAN TRAFFIC USING STANDARD PLANS INDEX 102-660.
 4. CONSTRUCT CURB AND GUTTER, SIDEWALK, PEDESTRIAN RAMPS, LIGHTING, AND SIGNALIZATION ON SOUTHBOUND SIDE.

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	452467-1-52-01		

MARK CISSELL, P.E.
LICENSE NUMBER: 60809
CHA CONSULTING, INC.
8935 NW 35TH LANE, SUITE 200
DORAL, FL 33172

CAM 24-0790
Exhibit 1

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PHASE III

1. INSTALL TEMPORARY WORK SIGNS, BARRICADES, AND OTHER TRAFFIC CONTROL DEVICES REQUIRED AS PER INDEX 102-603 AND 102-613 TO CLOSE ON-STREET PARKING ON THE NORTHBOUND SIDE.
2. INSTALL AND MAINTAIN TEMPORARY INLET PROTECTION DEVICES.
3. MAINTAIN PEDESTRIAN TRAFFIC USING STANDARD PLANS INDEX 102-660.
4. CONSTRUCT CURB AND GUTTER, SIDEWALK, PEDESTRIAN RAMPS, SIGNS, AND SIGNALZATION ON NORTHBOUND SIDE.

PHASE IV

1. INSTALL TEMPORARY WORK SIGNS, BARRICADES, AND OTHER TRAFFIC CONTROL DEVICES REQUIRED AS PER INDEX 102-603 AND 102-613 TO CLOSE TRAFFIC LANES. MAINTAIN AT LEAST ONE LANE OPEN IN EACH DIRECTION.
2. MAINTAIN PEDESTRIAN TRAFFIC AS PER INDEX 102-660.
3. PERFORM MILLING OPERATIONS.
4. CONSTRUCT FRICTION COURSE THROUGHOUT RESURFACING LIMITS AND PATTERNED PAVEMENT CROSSWALK.
5. PLACE SIGNS AND PAVEMENT MARKINGS.

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MARK CISSELL, P.E. LICENSE NUMBER: 60809 CHA CONSULTING, INC. 8935 NW 35TH LANE, SUITE 200 DORAL, FL 33172		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR A1A	BROWARD	452467-1-52-01		

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SECTION #: 86050000
 STATE ROAD: A1A
 PROJECT #: 452467-1-52-01
 COUNTY: BROWARD

EXHIBIT C

COST ESTIMATE FOR HARDSCAPE IMPROVEMENTS

This Exhibit forms an integral part of the LANDSCAPE MAINTENANCE MEMORANDUM OF AGREEMENT between the Florida Department of Transportation and the AGENCY.

ITEM #	ITEM	QNTY	UNIT	UNIT PRICE	COST	COMMENT
523-3	Patterned Pavement, Vehicular Areas	62	SY	\$ 250.00	\$ 15,500.00	New Crosswalk
526-1-2	Pavers, Architectural, Sidewalk	79	SY	\$ 350.00	\$ 27,650.00	New Bulb-Outs
	Contingency (20%)				\$ 8,630.00	
	FDOT Inflation Factor (1.029)				\$ 1,502.00	

ANTICIPATED TERMS OF A SEPARATE AGREEMENT

I.	FDOT PARTICIPATION:	\$ 0.00
II.	AGENCY PARTICIPATION: (Via Separate Agreement)	\$ 53,282.00
III.	APPROXIMATE HARDSCAPE IMPROVEMENT COST:	\$ 53,282.00

SECTION #:	86050000
STATE ROAD:	A1A
PROJECT #:	452467-1-52-01
COUNTY:	BROWARD

EXHIBIT D

PATTERNED PAVEMENT MAINTENANCE

This Exhibit forms an integral part of the MAINTENANCE MEMORANDUM OF AGREEMENT between the Florida Department of Transportation and the AGENCY.

"Maintenance" of all patterned pavement crosswalks shall be defined, at a minimum, to include its frictional characteristics and integrity as follows:

1. Within 60 days of project acceptance by the Department, all lanes of each patterned crosswalk shall be evaluated for surface friction. The friction test shall be conducted in accordance with **FM 5-592 (Florida Test Method for Friction Measuring Protocol for Patterned Pavements)* using either the Locked Wheel Friction Tester or Dynamic Friction Tester. **All costs for friction testing are the responsibility of the AGENCY.**
2. The initial friction resistance shall be at least **35** obtained at 40 mph with a ribbed tire test (FN40R) or equivalent (see FM 5-592). Failure to achieve this minimum resistance shall require all deficient crosswalk areas to be removed to their full extent (lane-by-lane) and replaced with the same product installed initially. The AGENCY is responsible for all costs associated with the removal and replacement of the crosswalk. If the Department determines that more than 50% of the lanes in the intersection require replacement, the entire intersection installation may be reconstructed with a different product on the Approved Products List (APL) or replaced with conventional pavement.
3. Approximately **one year** after project acceptance and **every two years** thereafter and for the life of the adjacent pavement, only the outside traffic lane areas of each patterned crosswalk must be tested for friction resistance in accordance with **ASTM E274** or **ASTM E1911**. Friction resistance shall, at a minimum, have a FN40R value of **30** (or equivalent).
4. The results of all friction tests shall be sent to the **Operations Engineer** at the local FDOT District Four Operations Center (Palm Beach Operations, 7900 Forest Hill Blvd., West Palm Beach, FL 33413, (561)432-4966) with a cover letter either certifying that the crosswalks comply with the minimum friction criteria, or stating what remedial action will be taken to restore the friction.
5. Failure to achieve the minimum resistance shall require all lanes of the crosswalk to be friction tested to determine the extent of the deficiency. All deficient areas shall

be removed to their full extent (lane-by-lane) and replaced with the same product installed initially. If the Department determines that more than 50% of the lanes in the intersection require replacement, the entire intersection installation may be reconstructed with a different product on the QPL or replaced with conventional pavement.

6. When remedial action is required in accordance with the above requirements, the local agency shall complete all necessary repairs at its own expense within 90 days of the date when the deficiency was identified. No more than two full depth patterned pavement repairs shall be made to an area without first resurfacing the underlying pavement to 1" minimum depth.
7. The Department will not be responsible for replacing the treatment following any construction activities by the Department in the vicinity of the treatment, or any costs for testing.
8. Should the local agency fail to satisfactorily perform any required remedial work or testing in accordance with this agreement, the Department reserves the right to replace the patterned pavement with conventional pavement (matching the adjacent pavement) and bill the local agency for this cost.

***FM 5-592:**

<https://www.fdot.gov/materials/administration/resources/library/publications/fstm/bynumber.shtm>

SECTION #:	86050000
STATE ROAD:	A1A
PROJECT #:	452467-1-52-01
COUNTY:	BROWARD

EXHIBIT E

RESOLUTION

This Exhibit forms an integral part of the LANDSCAPE MAINTENANCE MEMORANDUM OF AGREEMENT between the Florida Department of Transportation and the AGENCY.

Please see attached

To be provided by Agency