

RESOLUTION NO. 24-058

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA, REQUESTING THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) TO ~~[INCLUDE/REMOVE]~~ BICYCLE-PEDESTRIAN AND VEHICLE GUARD RAILS AND ~~[REMOVE/PROTECT]~~ PALM TREES ALONG NORTH ROOSEVELT BLVD FROM NORTH OF EISENHOWER DRIVE TO SR5/OVERSEAS HIGHWAY FROM DESIGN PLANS FOR RIGHT-OF-WAY IMPROVEMENTS SCHEDULED FOR NORTH ROOSEVELT BOULEVARD; PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, the Florida Department of Transportation is finalizing plans to reconstruct and improve certain parts of North Roosevelt Boulevard in Key West between Eisenhower Drive and SR5/Overseas Highway; and

WHEREAS, in recent plans there has appeared a proposed roadside barrier along the face of the curb, and additionally a pedestrian bicycle railing where currently no railings exist; and

WHEREAS, the installation of such barriers/railings would necessitate the removal of plantings, including palm trees, in near proximity to said railings; and

WHEREAS, the City Commission, has determined that the proposed railings would be [~~beneficial~~/detrimental] to the project, and requests that FDOT [~~retain~~/amend] the design plans, and [~~remove~~/protect] the palm trees along North Roosevelt; and

WHEREAS, the City Commission seeks to ensure that the North Roosevelt Blvd project results in a right-of-way which is aesthetically pleasing and enhances public safety;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA, AS FOLLOWS:

Section 1: That the City Commission hereby requests FDOT to [~~include~~/remove] proposed roadside barriers and pedestrian-bicycle railings and [~~remove~~/protect] palm trees and other plantings along that route, as part of the FDOT project plans for North Roosevelt Blvd from north of Eisenhower Blvd to SR5/Overseas Highway right-of-way improvements.

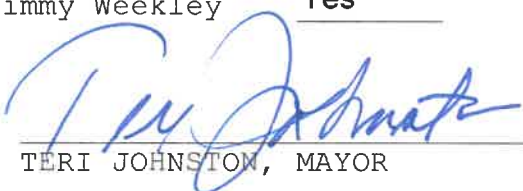
Section 2: That this Resolution shall go into effect immediately upon its passage and adoption and authentication by the signature of the presiding officer and the Clerk of the Commission.

Passed and adopted by the City Commission at a meeting held this 14th day of March, 2024.

Authenticated by the Presiding Officer and Clerk of the Commission on 14th day of March, 2024.

Filed with the Clerk on March 14, 2024.

Mayor Teri Johnston	<u>Yes</u>
Vice Mayor Sam Kaufman	<u>Yes</u>
Commissioner Lissette Carey	<u>Yes</u>
Commissioner Mary Lou Hoover	<u>Yes</u>
Commissioner Clayton Lopez	<u>Yes</u>
Commissioner Billy Wardlow	<u>Yes</u>
Commissioner Jimmy Weekley	<u>Yes</u>


TERI JOHNSTON, MAYOR

ATTEST:


KERI O'BRIEN, CITY CLERK



MEMORANDUM

Date: March 14, 2024

To: Honorable Mayor and Commissioners

Via: Albert P. Childress
City Manager 

From: Todd Stoughton
Assistant City Manager

Subject: **FDOT North and South Roosevelt Project (446011-1-52-01) Regarding Pedestrian and Vehicle Guard Rails including the loss of Palm Trees**

Introduction

Requesting the City Commission to give Staff direction on FDOT's North and South Roosevelt roadway project that includes the addition of a pedestrian and vehicle guards and the removal of palm trees on North Roosevelt.

Background

The City of Key West was contacted by Choice Engineering Consultants who are working on a project for FDOT scheduled to begin construction in late 2025. FDOT consultants are currently at 90% design and are asking for the City Commission to issue their opinion on project additions prior to completing the design phase of the project.

On March 5th, 2004, the City Manager, Mr. Julio Avel, transmitted a letter to FDOT stating the City's desire 'not to have pedestrian railings on the seawall on North and South Roosevelt'. FDOT has asked their consultants to reach out to the City of Key West for our input on this specific portion of the project due to our objection in 2004.

FDOT has reported to the City via email: "*.. per our discussion last week, as part of the project process for the subject RRR Project along SR 5/N Roosevelt Blvd from north of Eisenhower Dr to SR 5/Overseas Hwy, the areas of unprotected water hazards along the west side of the corridor violate Lateral Offset Criteria for Canal Hazard on Curbed Roadways, as defined in FDM 215.3.2. As such, the Department intends to shield the water hazard with a roadside barrier (guardrail) along the face of curb. Furthermore, the*

pedestrian area adjacent to the promenade, used by pedestrians and bicyclists must also be protected via a pedestrian bicycle railing.

As part of this coordination, we would like input from the City before we present our approach to our Client, the FDOT D6. If you have any justification or documentation between the City and the FDOT, pertaining to the unprotected promenade, please provide it to us so that we can begin this coordination process."

This project covers both North and South Roosevelt and if the vehicle guard rails are approved, FDOT consultants have advised that the palm trees on the north side of North Roosevelt between Kennedy Drive and the Triangle would be removed to make space for the vehicle guard rail.

Financial Impact:

Currently there is no financial impact for the City.

Recommendation

The City Manager's Office requests the Mayor and Commission give Staff direction to report to FDOT on the project.

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
SIGNALIZATION PLANS
LIGHTINGS PLANS

FINANCIAL PROJECT ID 446011-1-52-01

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3 - 7	TYPICAL SECTIONS
8	PROJECT CONTROL
8	GENERAL NOTES
9	ROADWAY PLAN
10 - 15	TEMPORARY TRAFFIC
16 - 19	TREE DISPOSITION
20 - 25	TREE DISPOSITION
26 - 27	REPORT OF BORINGS

* These sheets are included in the Index of Roadway Plans only to indicate that they are part of the Roadway Plans. These sheets are contained in a separate digitally signed and sealed document.

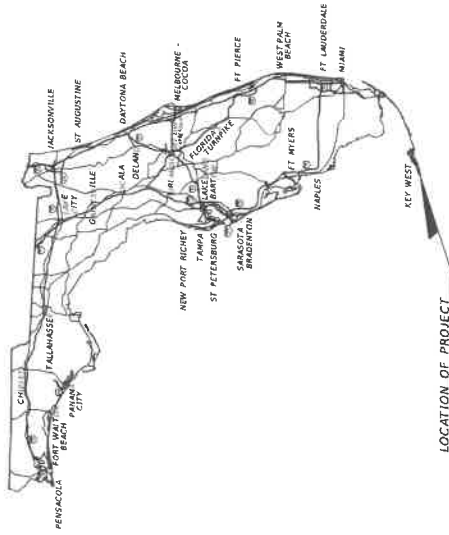
RRR FROM NORTH OF EISENHOWER DRIVE TO SOUTH ROOSEVELT BOULEVARD

RAILROAD CROSSING: NONE

FDOT PROJECT MANAGER:
JOAQUIN DE LA CRUZ, PE

90% PLANS

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
T6603	25	1



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.
CHOICE ENGINEERING CONSULTANTS, INC.
12855 SW 132ND STREET, SUITE 200
MIAMI, FL 33186
RAFAEL S. AGUILAR, P.E. NO. 74068

THE ABOVE NAMED PROFESSIONAL SHALL BE RESPONSIBLE FOR THE FOLLOWING
SHEETS IN ACCORDANCE WITH RULE 6G15-23.004, F.A.C.

- | KEY SHEET | DESCRIPTION |
|-----------|---------------------------------|
| 1 | SIGNATURE SHEET |
| 2 | TYPICAL SECTIONS |
| 3 - 7 | PROJECT CONTROL |
| 8 | GENERAL NOTES |
| 9 | ROADWAY PLAN |
| 10 - 15 | TEMPORARY TRAFFIC CONTROL PLANS |
| 16 - 19 | |

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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.
MILLER LEGG, INC.
5747 N. ANDREWS WAY
FORT LAUDERDALE, FL 33309
BRIAN R. SHORE, L.A. NO. 6666770

THE ABOVE NAMED PROFESSIONAL SHALL BE RESPONSIBLE FOR THE FOLLOWING
SHEETS IN ACCORDANCE WITH RULE 6G10-11.011, F.A.C.

- | KEY SHEET | DESCRIPTION |
|-----------|------------------------|
| 2 | SIGNATURE SHEET |
| 20 - 25 | TREE DISPOSITION CHART |
| 26 - 27 | TREE DISPOSITION PLAN |

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
RAFAEL S. AGUILAR, P.E.
CHOICE ENGINEERING CONSULTANTS, INC.
12855 SW 132ND STREET, SUITE 200
MIAMI, FLORIDA 33186

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
ROAD NO. SR 5
COUNTY MONROE
FINANCIAL PROJECT ID 446011-52-01

SIGNATURE SHEET

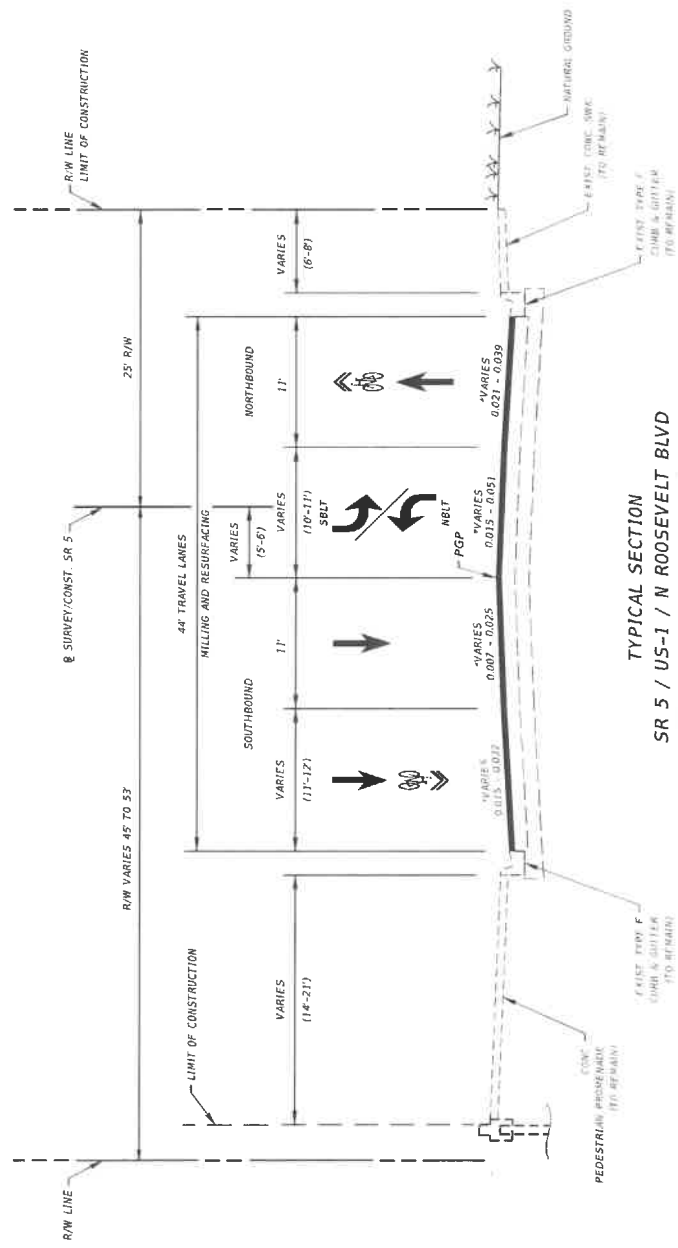
SHEET NO. 2

2/19/2024 2:23:08 PM \\s01cage\proj\015201\hmkaw\TSP5D01.dgn

TRAFFIC DATA
CURRENT YEAR = 2021 AADT = 38500
ESTIMATED OPENING YEAR = 2027 AADT = 44300
ESTIMATED DESIGN YEAR = 2047 AADT = 57400
K = 9% D = 50% T = 4.66% (24 HOUR)
DESIGN HOUR T = 2.33%
DESIGN SPEED (EXISTING) = 35 MPH
DESIGN SPEED (PROPOSED) = 35 MPH
POSTED SPEED (EXISTING) = 35 MPH
POSTED SPEED (PROPOSED) = 35 MPH
CONTEXT CLASSIFICATION = C4

EXISTING TRAVEL LANES
WILL EXISTING ASPHALT PAVEMENT (2" DEPTH, 1 3/4" BELOW LIP OF GUTTER ALONG LOW SIDE)
FRICTION COURSE FC-12.5 (TRAFFIC C) (2") (PG 76-22)

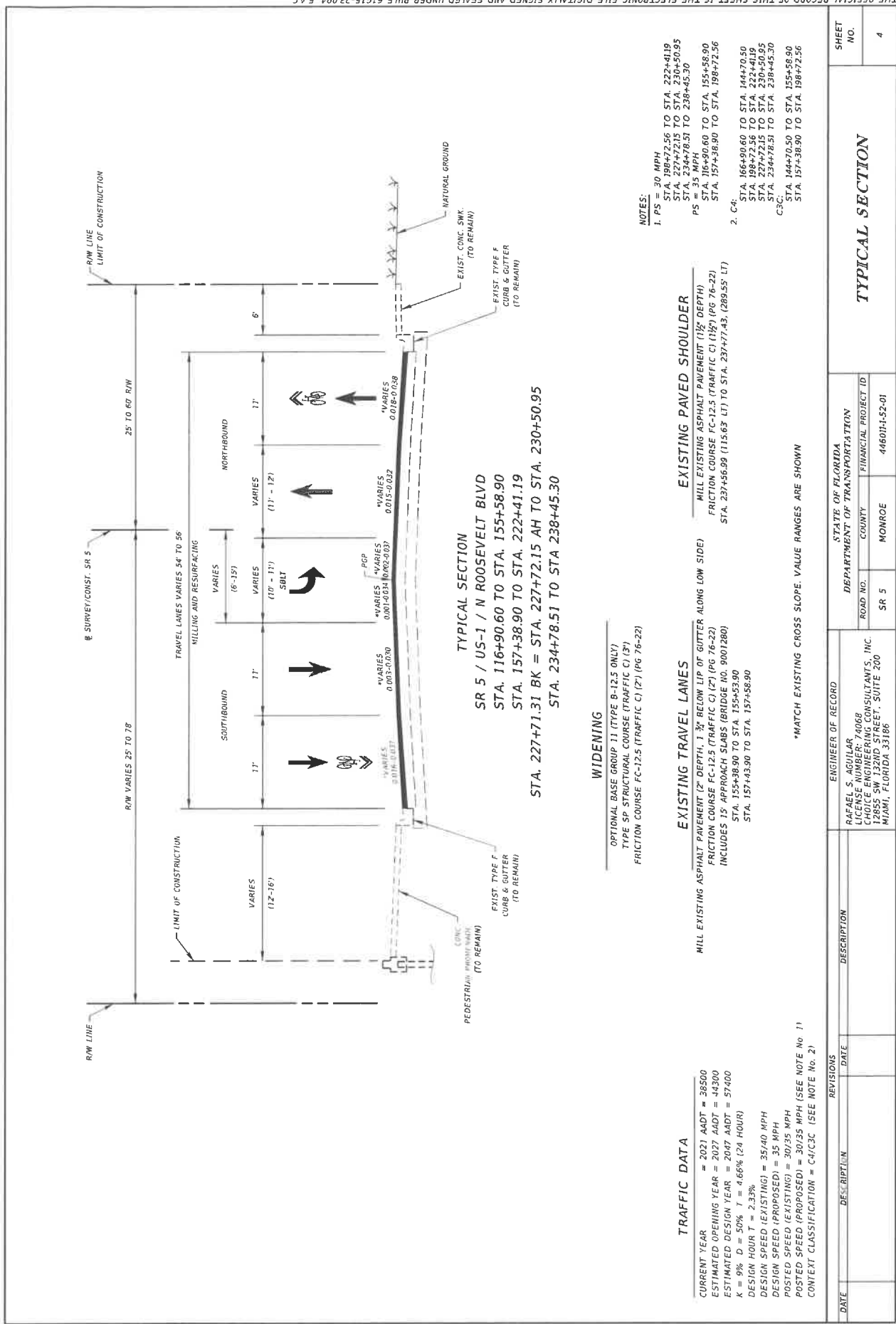
WIDENING
OPTIONAL BASE GROUP 11 (TYPE B-12.5 ONLY)
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")
FRICTION COURSE FC-12.5 (TRAFFIC C) (2") (PG 76-22)

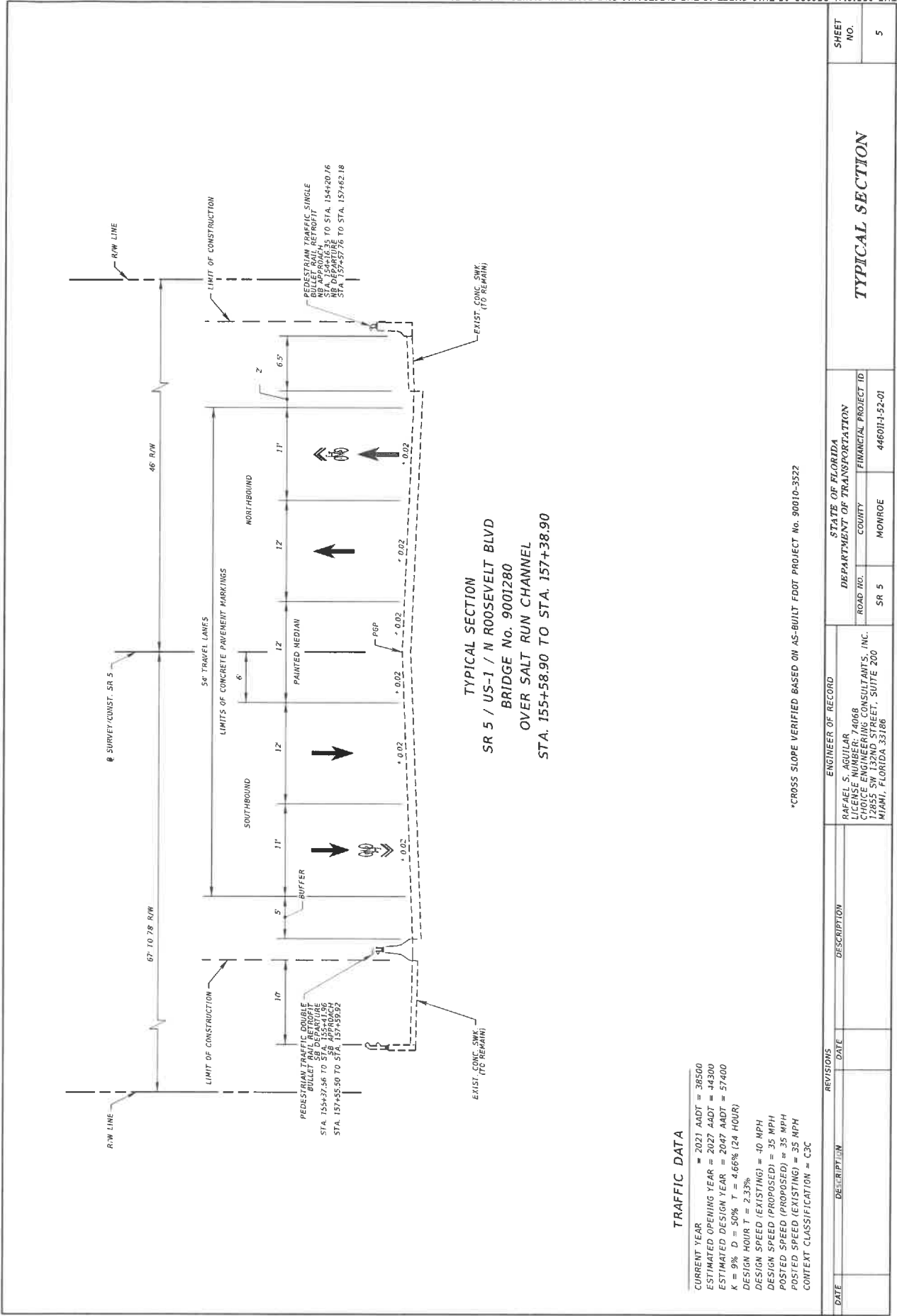


TYPICAL SECTION
SR 5 / US-1 / N ROOSEVELT BLVD
STA. 103+76.25 TO STA. 116+90.60

*MATCH EXISTING CROSS SLOPE. VALUE RANGES ARE SHOWN

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION		TYPICAL SECTION		SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION	RAFAEL S. AGUILAR	ROAD NO.	COUNTY	FINANCIAL PROJECT ID				
				LICENSE NUMBER: 74068	SR 5	MONROE	446011-52-01				
				CHOICE ENGINEERING CONSULTANTS, INC.							
				12855 SW 132ND STREET, SUITE 200							
				MIAMI, FLORIDA 33186							

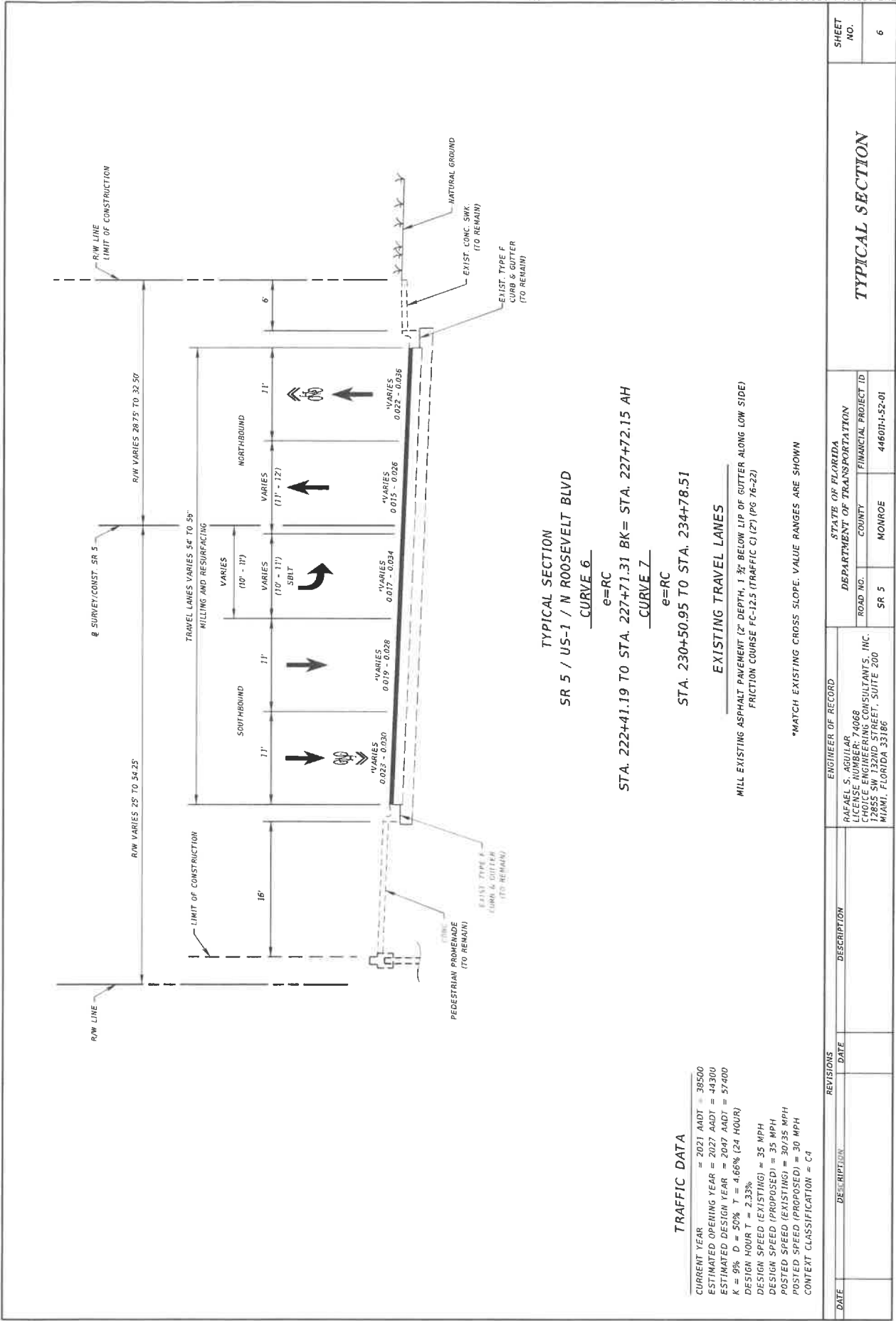




REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD		STATE OF FLORIDA	
RAFAEL S. AGUILAR		DEPARTMENT OF TRANSPORTATION	
12855 SW 132ND STREET, SUITE 200		ROAD NO.	
MIAMI, FLORIDA 33186		COUNTY	
		SR 5	
		MONROE	
		446013-52-01	

TYPICAL SECTION	
SHEET NO. 5	



TRAFFIC DATA

CURRENT YEAR = 2021 ADT = 38500
ESTIMATED OPENING YEAR = 2027 ADT = 44300
ESTIMATED DESIGN YEAR = 2047 ADT = 57400
K = 9% D = 50% T = 4.66% (24 HOUR)
DESIGN HOUR T = 2.33%
DESIGN SPEED (EXISTING) = 35 MPH
DESIGN SPEED (PROPOSED) = 30/35 MPH
POSTED SPEED (EXISTING) = 30/35 MPH
POSTED SPEED (PROPOSED) = 30 MPH
CONTEXT CLASSIFICATION = C4

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

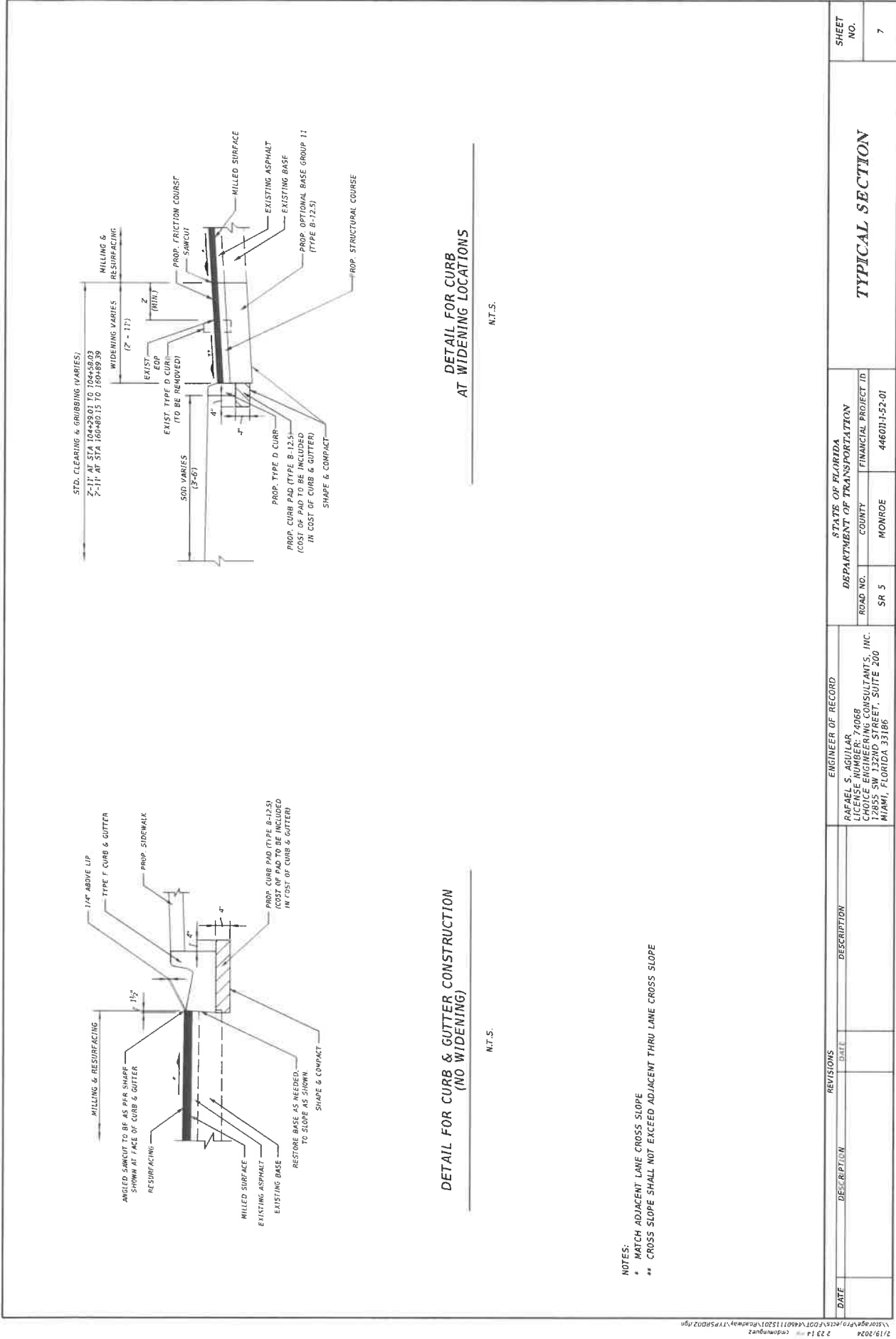
RAFAEL S. AGUILAR
LICENSE NUMBER: 74068
CHOICE ENGINEERING CONSULTANTS, INC.
12855 SW 132ND STREET, SUITE 200
MIAMI, FLORIDA 33186

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	MONROE	44601-152-01

TYPICAL SECTION

SHEET NO. 6



DETAIL FOR CURB
AT WIDENING LOCATIONS

N.T.S.

TYPICAL SECTION

SHEET NO. 7

- NOTES:
* MATCH ADJACENT LANE CROSS SLOPE
** CROSS SLOPE SHALL NOT EXCEED ADJACENT THRU LANE CROSS SLOPE

ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	
RAFAEL S. AGUILAR	ROAD NO.	COUNTY	FINANCIAL PROJECT ID
LICENSE NUMBER: 74068	SR 5	MONROE	446011-52-01
CHOICE ENGINEERING CONSULTANTS, INC.			
12855 SW 132ND STREET, SUITE 200			
MIAMI, FLORIDA 33186			

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

[illegible][illegible]

THE OFFICIAL RECORD OF THIS SHEET IS TWO 3 1/2" X 5 1/2" 100 POUND WEIGHT, UNCOATED AND UNGLAZED PAPER MEASURING 11 1/2" X 17" 1/4" TALL.		NAME OF CONTRACTOR DEPARTMENT OF TRANSPORTATION		SHEET AND	
NAME OF ARCHITECT FEDERAL BUREAU OF INVESTIGATION UNITED STATES DEPARTMENT OF JUSTICE 400 NEW YORK AVENUE, N.W. WASHINGTON, D.C. 20535		PROJECT CONTROL		SHEET NO.	
DRAWING NO.		SCALE		DATE	

THE OFFICIAL RECORD OF THIS SHEET IS TWO 3 1/2" X 5 1/2" 100 POUND WEIGHT, UNCOATED AND UNGLAZED PAPER MEASURING 11 1/2" X 17" 1/4" TALL.		NAME OF CONTRACTOR DEPARTMENT OF TRANSPORTATION		SHEET AND	
NAME OF ARCHITECT FEDERAL BUREAU OF INVESTIGATION UNITED STATES DEPARTMENT OF JUSTICE 400 NEW YORK AVENUE, N.W. WASHINGTON, D.C. 20535		PROJECT CONTROL		SHEET NO.	
DRAWING NO.		SCALE		DATE	

GENERAL NOTES

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. AL 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:
- MANUEL G. VERA, JR., P.S.M.
LS 5291
M.G. VERA AND ASSOCIATES, INC.
13960 SW 47 ST. # 4404
MIAMI, FL 33175
LB 8403
3. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED VU, 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.

UTILITY AGENCY / OWNER COMPANY	CONTACT	TELEPHONE NUMBER
FDOT VI ITS	THOMAS MILLER	305-470-5757 (EXT 7352)
AT&T DISTRIBUTION	DINO FARRUGGIO	561-997-0240
COMCAST CABLE	LEONARD MAXWELL-NEUBOLD	954-444-5113
FLORIDA KEYS AQUEDUCT AUTHORITY AREA 1	MARNIE WALTERSON	305-295-2154
FLORIDA KEYS AQUEDUCT AUTHORITY LOWER KEYS TRANS	MARNIE WALTERSON	305-295-2154
FLORIDA KEYS AQUEDUCT AUTHORITY TECHNICAL SERVICE	MARNIE WALTERSON	305-295-2154
WEBBER FDOT MAINTENANCE CONTRACTOR	GABRIEL GUEVARA	305-289-4360
KEYS ENERGY SERVICES	ASHLEE TOWNSEND	305-295-1047
KEY WEST PIPELINE COMPANY	DAN SILVESTRO	305-294-4812
K.W. RESORT UTILITIES	CHRIS JOHNSON	305-295-3301
OPERATIONS MANAGEMENT INTERNATIONAL INC	KELLY KOENIG	305-292-5100

5. SPECIAL EVENT DAYS FOR THIS PROJECT INCLUDES:

- UNDER WATER MUSIC FESTIVAL IN EARLY JULY
LOBSTER MINI SEASON IN THE LATE JULY
PIRATES IN PARADISE IN LATE NOVEMBER
ANNUAL KEY WEST WORLD CHAMPIONSHIP RACE IN EARLY NOVEMBER
ANNUAL PARROT HEADS IN KEY WEST IN EARLY NOVEMBER
GOOMBAY FANTASY FEST WORLD FAMOUS STREET FESTIVAL IN LATE OCTOBER
HENINGWAY DAYS IN MID-JULY
CONCH REPUBLIC INDEPENDENCE CELEBRATION IN MID-APRIL
WINTER STAR PARTY IN EARLY FEBRUARY
SONGWRITERS FEST IN FEBRUARY
COW KEY RUN IN MARCH
MEMORIAL DAY
LABOR DAY
NEW YEARS EVE AND DAY
HALLOWEEN

6. THE CONTRACTOR SHALL COORDINATE WITH THE OFFICIAL WITH JURISDICTION (OWJ) AND THE FDOT OFFICE OF ENVIRONMENTAL MANAGEMENT (OEM) FOR ANY WORK WITHIN OR IMMEDIATELY ADJACENT TO THE FOLLOWING SECTION 4(F) RESOURCES LOCATED WITHIN THE PROJECT:
BAYVIEW PARK, CITY MARINA AT GARRISON BIGHT, AND CLAYTON STERLING COMPLEX.

ABBREVIATION INDEX

ABBREVIATION	DESCRIPTION
OOS	OUT OF SERVICE

ROADWAY LEGEND

- DENOTES MILLING & RESURFACING
▨ DENOTES MILLING & RESURFACING (APPROACH SLAB)
▩ DENOTES WIDENING
▧ DENOTES CONC. SWK. (6")
▦ DENOTES CONC. SWK. (4")
▤ DENOTES DETECTABLE WARNING MATERIAL
▥ DENOTES SOD
- ① EXIST. STORM MH (TO BE ADJUSTED BY CONTRACTOR)
② EXIST. MH (TO BE ADJUSTED BY AT&T)
③ EXIST. WV (TO BE ADJUSTED BY FKAA)
④ EXIST. WATER METER (TO BE RELOCATED BY FKAA)
⑤ EXIST. MH (TO BE ADJUSTED BY CKW)
⑥ EXIST. SV (TO BE ADJUSTED BY CKW)
⑦ EXIST. FH (TO BE ADJUSTED BY CKW)

PAY ITEM NOTES

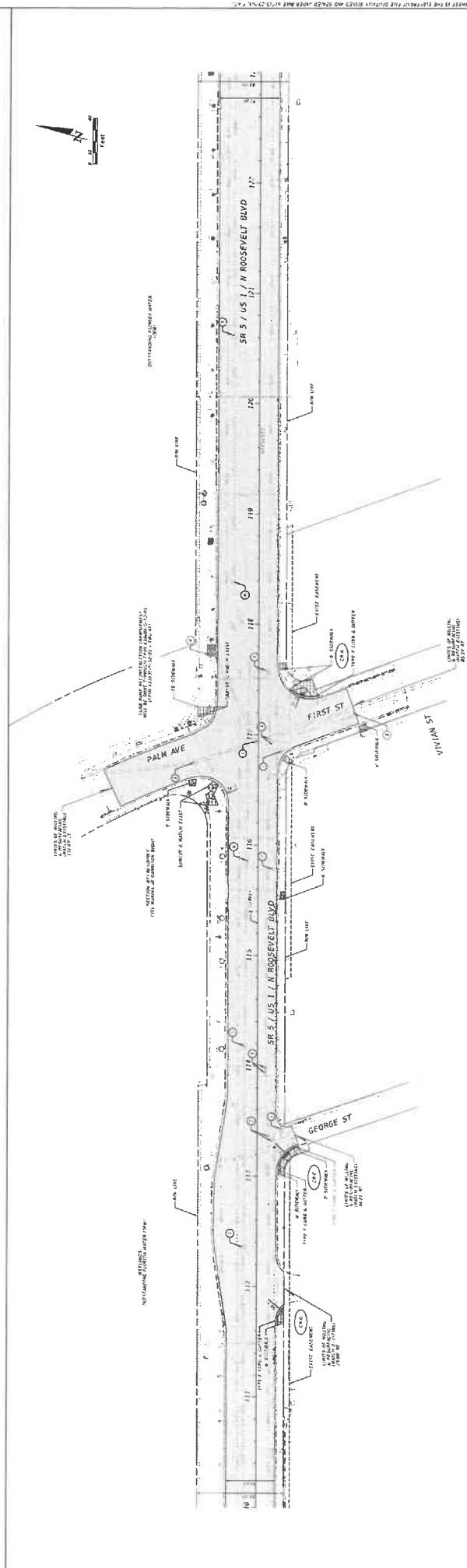
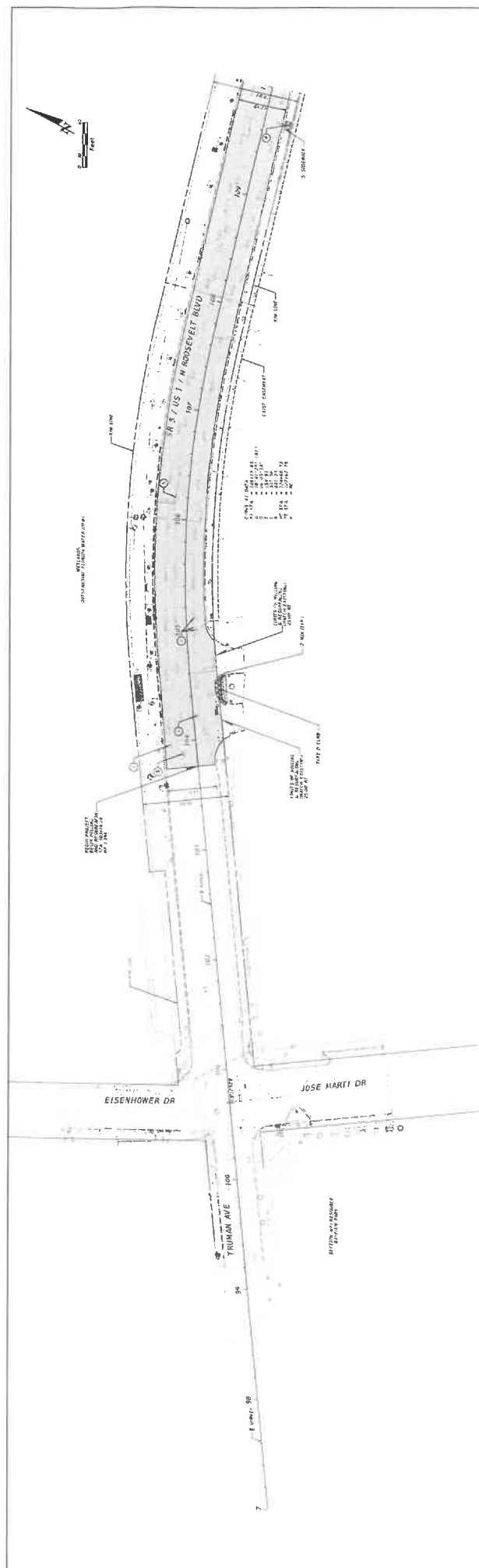
P. PAY ITEM 110-1-1 - INCLUDES THE COST TO CUT AND REMOVE EXISTING BULLET RAILING AS SHOWN IN PLANS.

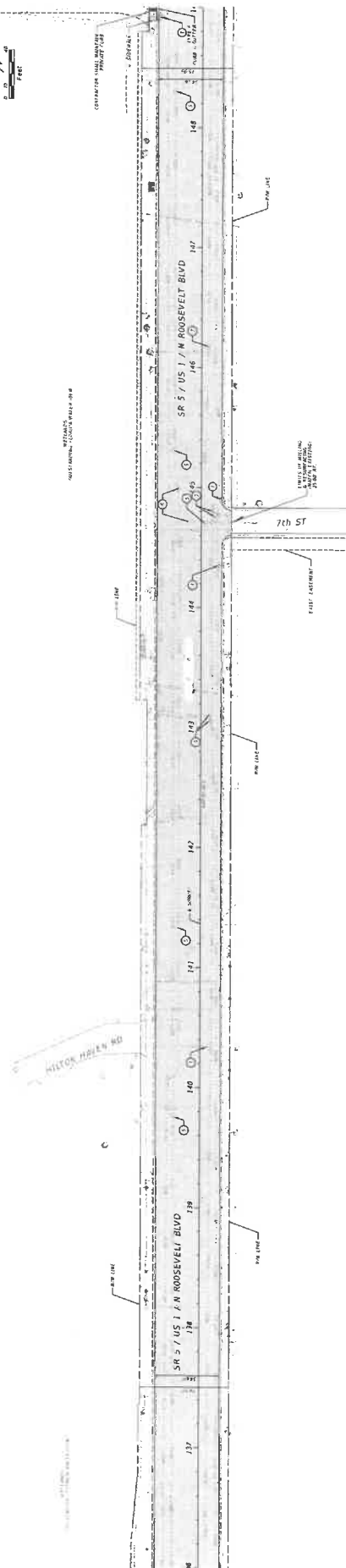
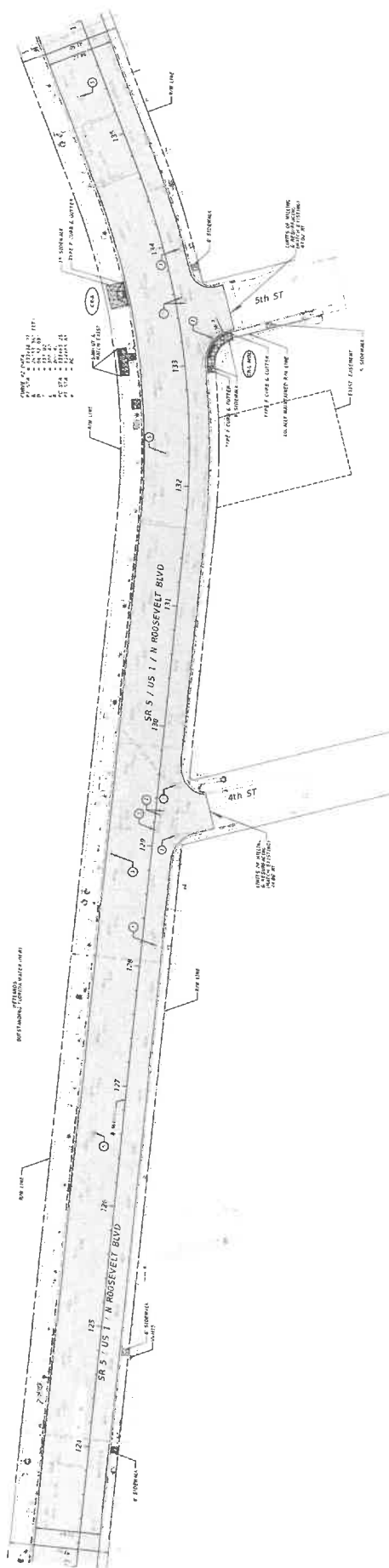
NOTES TO REVIEWERS

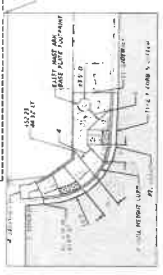
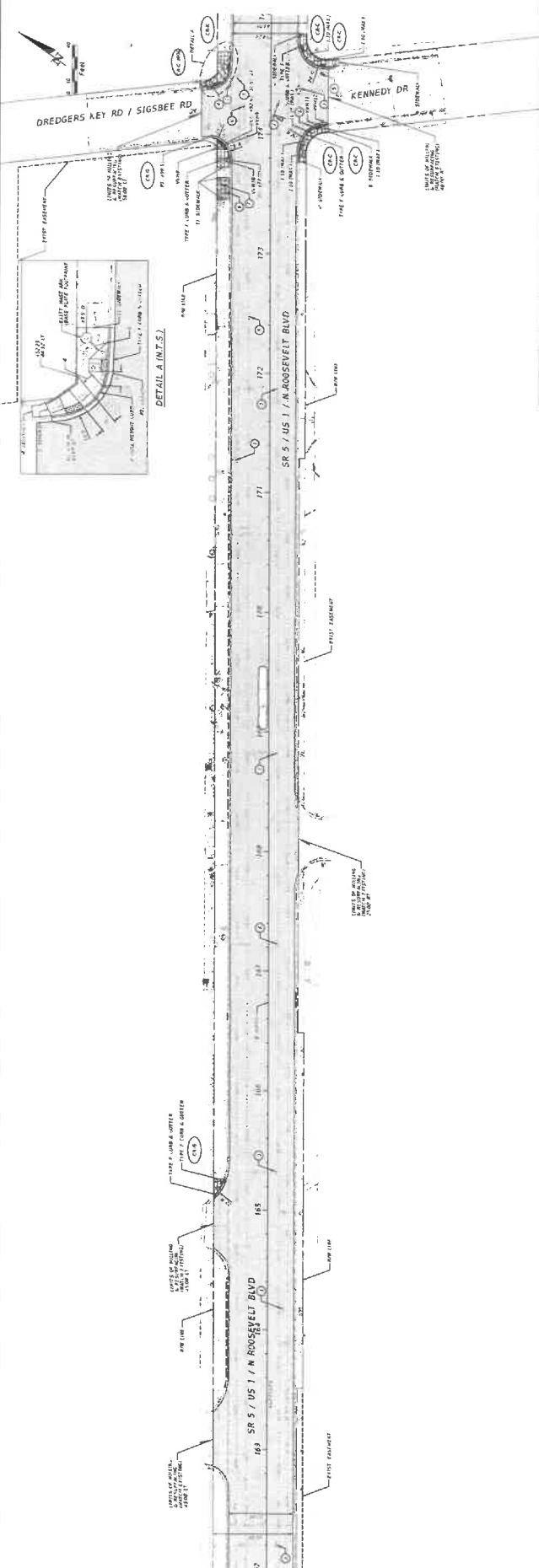
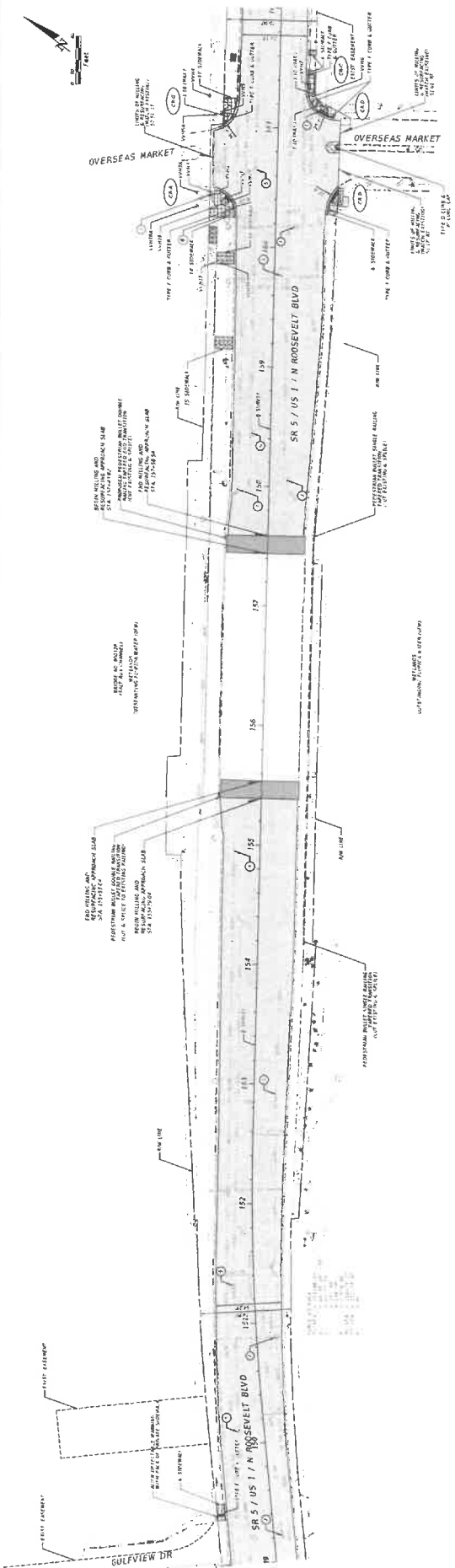
1. A LICENSE AGREEMENT IS BEING COORDINATED AT STA 104+60 (RT)
2. SIGNALIZATION AND ADA IMPROVEMENTS AT THE MEDIAN ISLAND AT STA 237+50 (LT) TO BE INCLUDED IN UPCOMING FPD 431635-9-52-01 (448061-1-32-01 TWO #04)

DATE	DESCRIPTION	DATE	DESCRIPTION	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES		SHEET NO.
				ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
				SR 5	MONROE	44601-52-01			9

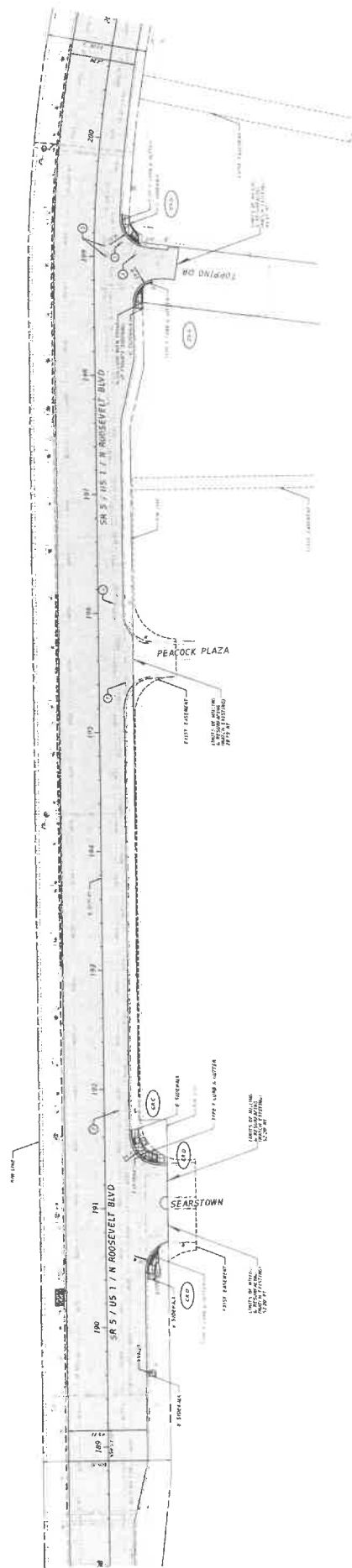
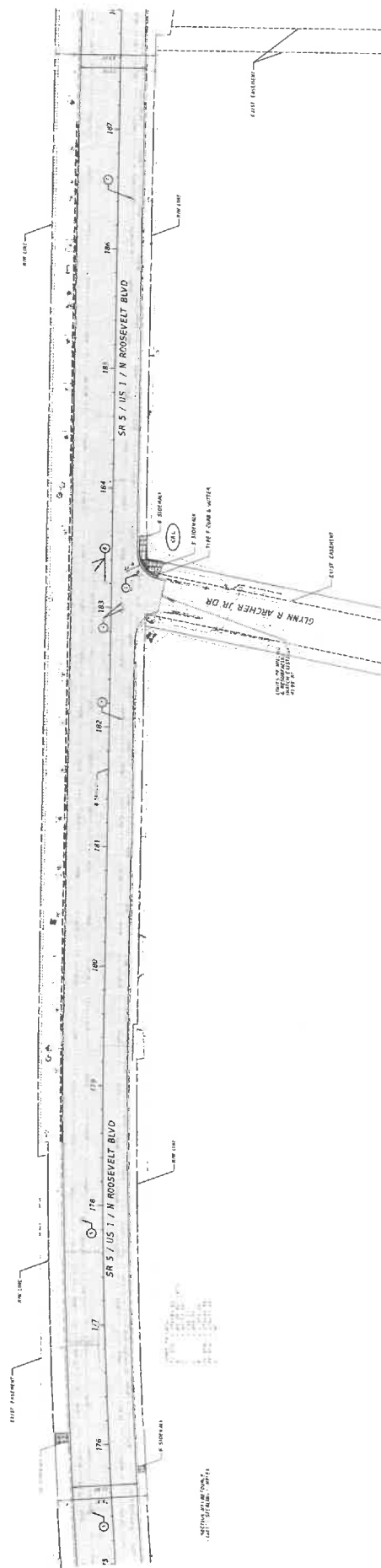
ENGINEER OF RECORD
RAFAEL S. AGUILAR
LICENSE NUMBER: 7460
CHOICE ENGINEERING CONSULTANTS, INC.
12855 SW 132ND ST., SUITE 200
MIAMI, FLORIDA 33186

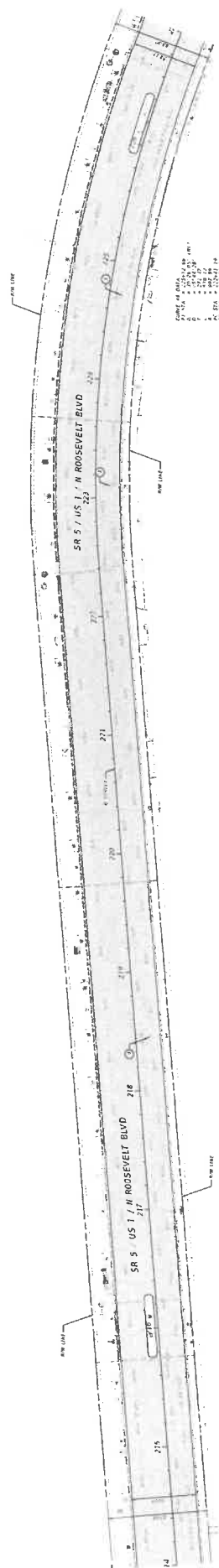






PROJECT: SR 5 / US 1 / N ROOSEVELT BLVD		SHEET: 23	
DRAWN: J. J. JONES		CHECKED: J. J. JONES	
DATE: 10/1/77		SCALE: AS SHOWN	
PROJECT LOCATION: SR 5 / US 1 / N ROOSEVELT BLVD		PROJECT NO.: 1000000000	
DESIGNER: J. J. JONES		APPROVED: J. J. JONES	





CURVE # DATA		
1	STA	0 22472.00
2		0 20 20.00
3		0 18 44.20
4		0 22 47
5		0 410.12
6		0 007.90
7	STA	0 22472.10
8	STA	0 22472.20

DATE

DESCRIPTION

REVISIONS

DATE

DESCRIPTION

PCMS MESSAGE PRIOR TO CONSTRUCTION:

ROAD WORK BEGINS

MESSAGE_1

XX-XX-XX (DATE)

MESSAGE_2

PCMS MESSAGE DURING CONSTRUCTION

LANE CLOSURE AHEAD

MESSAGE_1

PROCEED WITH CAUTION

MESSAGE_2

ADVANCE CONSTRUCTION NOTICE AT EACH APPROACH

(US-1 SOUTHBOUND, SR A1A SOUTHBOUND, SR 5 NORTHBOUND)

1. THE SIGNAL MAINTAINING AGENCY IS:

FLORIDA DEPARTMENT OF TRANSPORTATION, TRANSPORTATION SYSTEMS MANAGEMENT AND OPERATIONS (TSM&O) OFFICE. THE CONTACT TELEPHONE NUMBER FOR FDOT TSM&O IS: (305) 470-5757.

SIGNALS NOTE:

1. THE SIGNAL MAINTAINING AGENCY IS:

GENERAL NOTES:

1. LANE CLOSINGS SHALL OCCUR ONLY DURING NON-PEAK HOURS OR ON NON-EVENT DAYS / WEEKENDS. NON-PEAK HOURS ARE:
9:00 AM TO 3:30 PM MONDAY TO THURSDAY
9:30 PM TO 5:30 AM MONDAY THROUGH THURSDAY NIGHTS
11:00 PM TO 5:30 AM SUNDAYS NIGHTS

2. TRAFFIC CONTROL PLANS FOR PHASES I AND II ARE DESIGNED FOR NON-PEAK HOURS ONLY.

3. NO CONSTRUCTION ACTIVITIES SHALL BE PERFORMED FROM 8:00 PM TO 8:00 AM EXCEPT FOR MILLING, RESURFACING AND PAVEMENT MARKINGS.

4. REGULATORY SPEED ESTABLISHED WITHIN WORK ZONE TRAVEL WAYS SHALL BE 30/35 M.P.H. REDUCED SPEED AND REGULATORY SPEED SIGNS SHALL BE INSTALLED ON SEPARATE POSTS IN ACCORDANCE WITH THE STANDARD INDEXES.

5. MAINTAIN EXISTING ACCESS TO ALL SECTION 4F PROPERTIES (BAYVIEW PARK, CITY MARINA AT GARRISON BIGHT, AND CLAYTON STERLING COMPLEX) THROUGHOUT CONSTRUCTION.

6. MAINTAIN EXISTING ACCESS TO FLORIDA KEYS OVERSEAS HERITAGE TRAIL THROUGHOUT CONSTRUCTION

LEGEND:

↑

LANE IDENTIFICATION AND DIRECTION OF TRAFFIC

WORK ZONE

STATE OF FLORIDA

DEPARTMENT OF TRANSPORTATION

ROAD NO. SR 5

COUNTY MONROE

FINANCIAL PROJECT ID 446011-52-01

ENGINEER OF RECORD

RAFAEL S. AGUILAR

LICENSE NUMBER: 14968

CHOICE ENGINEERING CONSULTANTS, INC.

12855 SW 132ND STREET, SUITE 200

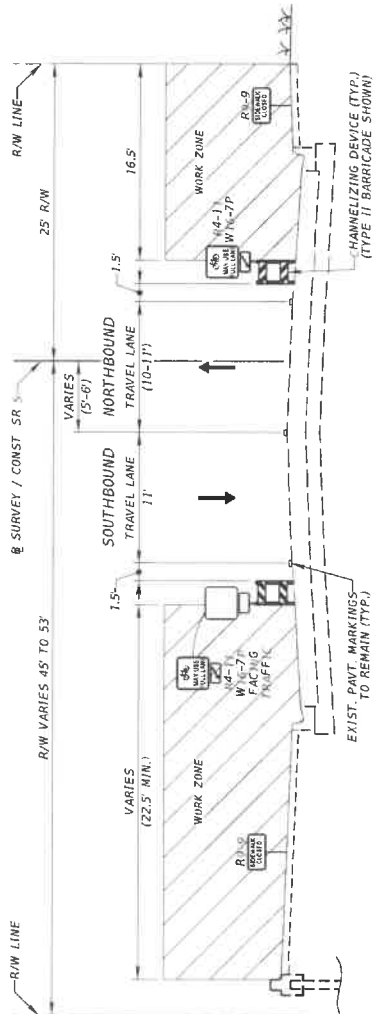
MIAMI, FLORIDA 33186

TEMPORARY TRAFFIC CONTROL PLANS

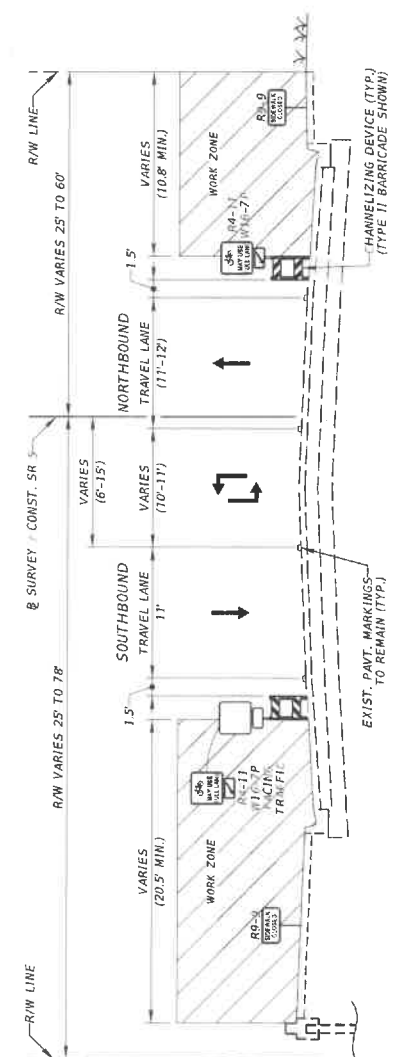
SHEET NO. 16

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

2/20/2024 10:30:40 AM c:\indmguar2\workspace\pro\res\DOT\446011\5201\Roadway\TCM201.dgn



PHASE I
SR 5 / US-1 / N ROOSEVELT BLVD
STA. 103+76.25 TO STA. 116+90.60



PHASE I
SR 5 / US-1 / N ROOSEVELT BLVD
STA. 116+90.60 TO STA. 155+58.90
STA. 157+38.90 TO STA. 227+71.31
STA. 227+71.31 BK = STA. 227+72.15 AH TO STA. 238+45.30

PHASE I

1. PLACE SIGNS, CHANNELIZING DEVICES AND OTHER TEMPORARY TRAFFIC CONTROL DEVICES TO CLOSE THE OUTSIDE LANE OF SR 5 / US-1 / N ROOSEVELT BLVD WHILE MAINTAINING VEHICULAR TRAFFIC ALONG THE REMAINING ADJACENT LANES AS PER STANDARD PLANS INDEXES 102-613 AND 102-615.
2. PLACE SIGNS AND PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES TO CLOSE THE SIDEWALK AND DETOUR PEDESTRIAN TRAFFIC AS PER STANDARD PLANS INDEX 102-660. DETOUR SHALL BE PERFORMED THROUGH THE SIGNALIZED INTERSECTIONS AND MID-BLOCK PEDESTRIAN CROSSINGS:
 - EISENHOWER DRIVE
 - KEY WEST FIRE DEPARTMENT STATION 1 ENTRANCE
 - FIRST STREET/PALM AVENUE
 - PEDESTRIAN MID-BLOCK CROSSING AT US CUSTOMS SERVICES
 - MACMILLAN DRIVE/FIFTH STREET
 - PEDESTRIAN MID-BLOCK CROSSING AT KEY WEST LIONS CLUB
 - PEDESTRIAN MID-BLOCK CROSSING AT 3031-41 NORTH ROOSEVELT BOULEVARD
 - PEDESTRIAN MID-BLOCK CROSSING AT 3031-41 NORTH ROOSEVELT BOULEVARD PARKING
 - KENNEDY DRIVE/SIGSBEE ROAD
 - SEARS TOWN
 - PEDESTRIAN MID-BLOCK CROSSING AT HORIZON BANK
 - PEDESTRIAN MID-BLOCK CROSSING AT 24 NORTH HOTEL
 - US-1/N NORTH ROOSEVELT BOULEVARD/S ROOSEVELT BOULEVARD
3. CONSTRUCT WIDENING AT TWO LOCATIONS SHOWN IN THE PLANS
4. CONSTRUCT CURB AND GUTTER, CURB RAMPS, CONCRETE SIDEWALKS, SIGNALIZATION AND SIGNING IMPROVEMENTS.
5. PERFORM PEDESTRIAN BULLET RAILING RETROFIT AT THE END TREATMENTS.

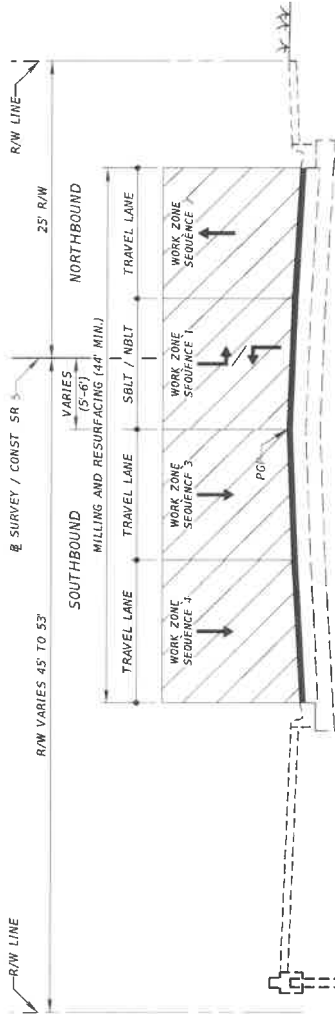
NOTES:

1. SIMULTANEOUS WORK ON BOTH SIDES OF SR 5 / US-1 / N ROOSEVELT BLVD IS PROHIBITED.
2. CURB RAMP CLOSURE AND REPLACEMENT ARE LIMITED TO ONE QUADRANT PER INTERSECTION.
3. WORK SHALL BE STAGGERED SO THAT NO TWO CONTIGUOUS BLOCKS HAVE SIDEWALK REPLACEMENT.
4. SIDEWALK REPLACEMENT SHALL BE COMPLETE WITHIN ONE WEEK OF EXISTING SIDEWALK REMOVAL.
5. EXISTING PEDESTRIAN SIGNALIZATION FEATURES SHALL REMAIN OPERATIONAL UNTIL NEW FEATURES ARE CONSTRUCTED AND OPERATIONAL.
6. AT THE END OF EACH LANE CLOSURE PERIOD, ALL LANES SHALL BE REOPEN TO TRAFFIC.

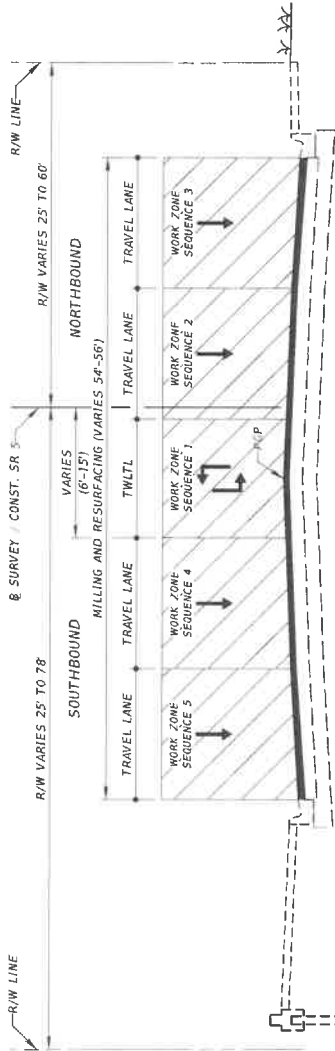
REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEPARTMENT OF TRANSPORTATION	FINANCIAL PROJECT ID	
				ROAD NO.	COUNTY	
				SR 5	MONROE	
						446001-1-52-01

TEMPORARY TRAFFIC CONTROL PLANS

17



PHASE II
 SR 5 / US-1 / N ROOSEVELT BLVD
 STA. 103+76.25 TO STA. 116+90.60



PHASE II
 SR 5 / US-1 / N ROOSEVELT BLVD
 STA. 116+90.60 TO STA. 155+58.90
 STA. 157+38.90 TO STA. 227+71.31
 STA. 227+71.31 BK = STA. 227+72.15 AH TO STA. 238+45.30

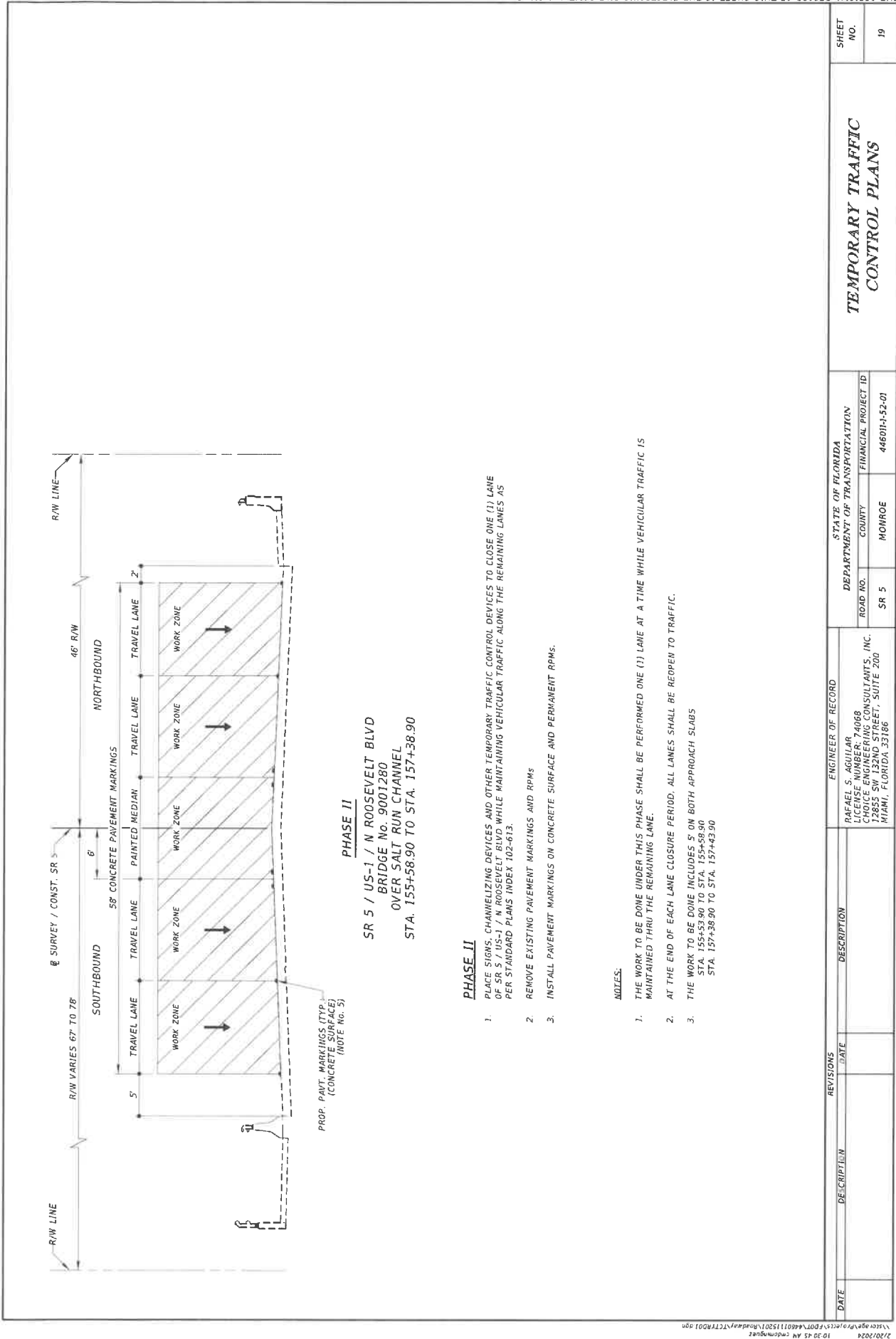
PHASE II

1. PLACE SIGNS, CHANNELIZING DEVICES AND OTHER TEMPORARY TRAFFIC CONTROL DEVICES TO CLOSE ONE (1) LANE OF SR 5 / US-1 / N ROOSEVELT BLVD WHILE MAINTAINING VEHICULAR TRAFFIC ALONG THE REMAINING LANES AS PER STANDARD PLANS INDEXES 102-613 AND 102-615.
2. ADJUST MANHOLE AND UTILITY TOP COVERS.
3. PERFORM MILLING AND RESURFACING (FRICTION COURSE).
4. INSTALL PAINTED PAVEMENT MARKINGS (ONE APPLICATION - FINAL SURFACE) AND PERMANENT RPMs
5. INSTALL THERMOPLASTIC PAVEMENT MARKINGS.

NOTES:

1. THE WORK TO BE DONE UNDER THIS PHASE SHALL BE PERFORMED ONE (1) LANE AT A TIME WHILE VEHICULAR TRAFFIC IS MAINTAINED THRU THE REMAINING LANES.
2. MILLING AND RESURFACING OPERATIONS SHALL BE FROM THE LANE WITH HIGHER ELEVATION TO THE LANE WITH LOWER ELEVATION, FOLLOWING THE SEQUENCE SHOWN IN THIS SHEET.
3. AT THE END OF EACH LANE CLOSURE PERIOD, ALL LANES SHALL BE REOPEN TO TRAFFIC.

DATE	DESCRIPTION	REVISIONS	ENGINEER OF RECORD	STATE OF FLORIDA	DEPARTMENT OF TRANSPORTATION	SHEET NO.
			RAFAEL S. AGUILAR LICENSE NUMBER: 74068 CHOICE ENGINEERING CONSULTANTS, INC. 12855 SW 132ND STREET, SUITE 200 MIAMI, FLORIDA 33186	ROAD NO.	FINANCIAL PROJECT ID	
				SR 5	44601H-52-01	18
				COUNTY		
				MONROE		
TEMPORARY TRAFFIC CONTROL PLANS						



PHASE II
SR 5 / US-1 / N ROOSEVELT BLVD
BRIDGE NO. 9001280
OVER SALT RUN CHANNEL
STA. 155+58.90 TO STA. 157+38.90

PHASE II

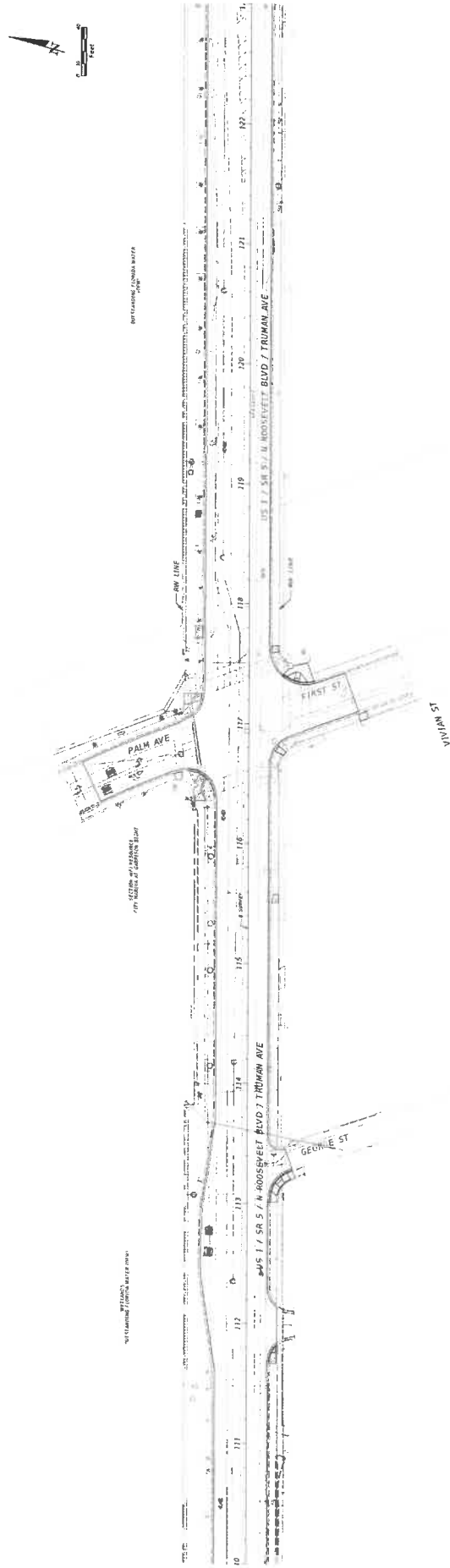
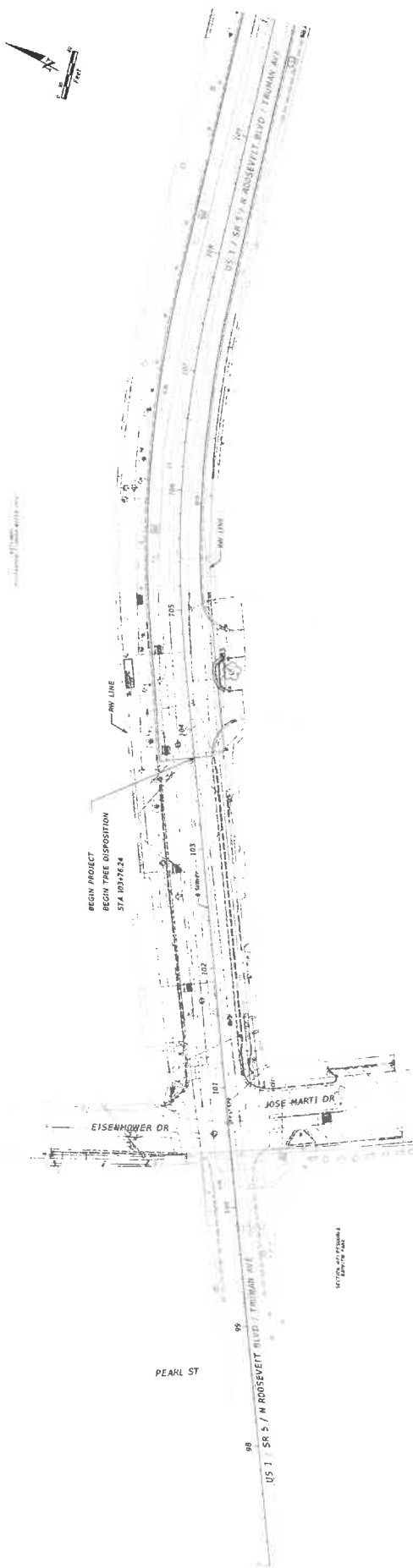
1. PLACE SIGNS, CHANNELIZING DEVICES AND OTHER TEMPORARY TRAFFIC CONTROL DEVICES TO CLOSE ONE (1) LANE OF SR 5 / US-1 / N ROOSEVELT BLVD WHILE MAINTAINING VEHICULAR TRAFFIC ALONG THE REMAINING LANES AS PER STANDARD PLANS INDEX 102-613.
2. REMOVE EXISTING PAVEMENT MARKINGS AND RPMs
3. INSTALL PAVEMENT MARKINGS ON CONCRETE SURFACE AND PERMANENT RPMs.

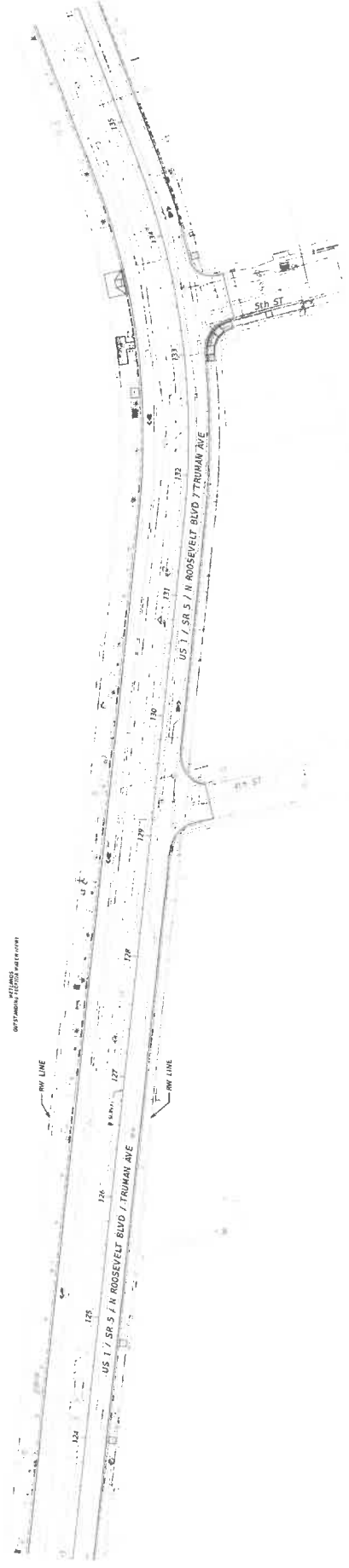
NOTES:

1. THE WORK TO BE DONE UNDER THIS PHASE SHALL BE PERFORMED ONE (1) LANE AT A TIME WHILE VEHICULAR TRAFFIC IS MAINTAINED THRU THE REMAINING LANE.
2. AT THE END OF EACH LANE CLOSURE PERIOD, ALL LANES SHALL BE REOPEN TO TRAFFIC.
3. THE WORK TO BE DONE INCLUDES 5' ON BOTH APPROACH SLABS
STA. 155+53.90 TO STA. 155+58.90
STA. 157+38.90 TO STA. 157+43.90

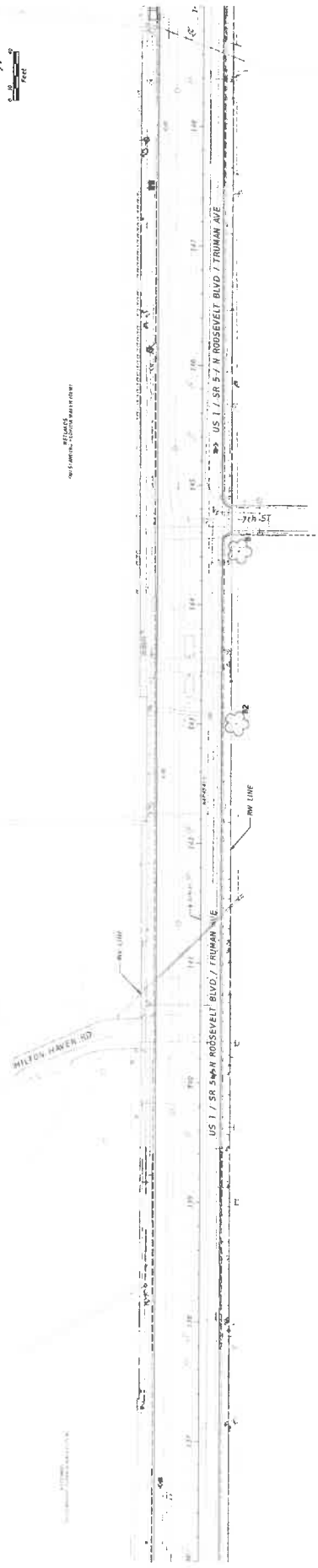
REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	FINANCIAL PROJECT ID	
		RAFAEL S. AGUILAR	DEPARTMENT OF TRANSPORTATION	SR 5	446011-52-01	19
		LICENSE NUMBER: 74068	COUNTY	MONROE		
		CHOICE ENGINEERING CONSULTANTS, INC.				
		12855 SW 132ND STREET, SUITE 200				
		MIAMI, FLORIDA 33186				

TEMPORARY TRAFFIC
CONTROL PLANS



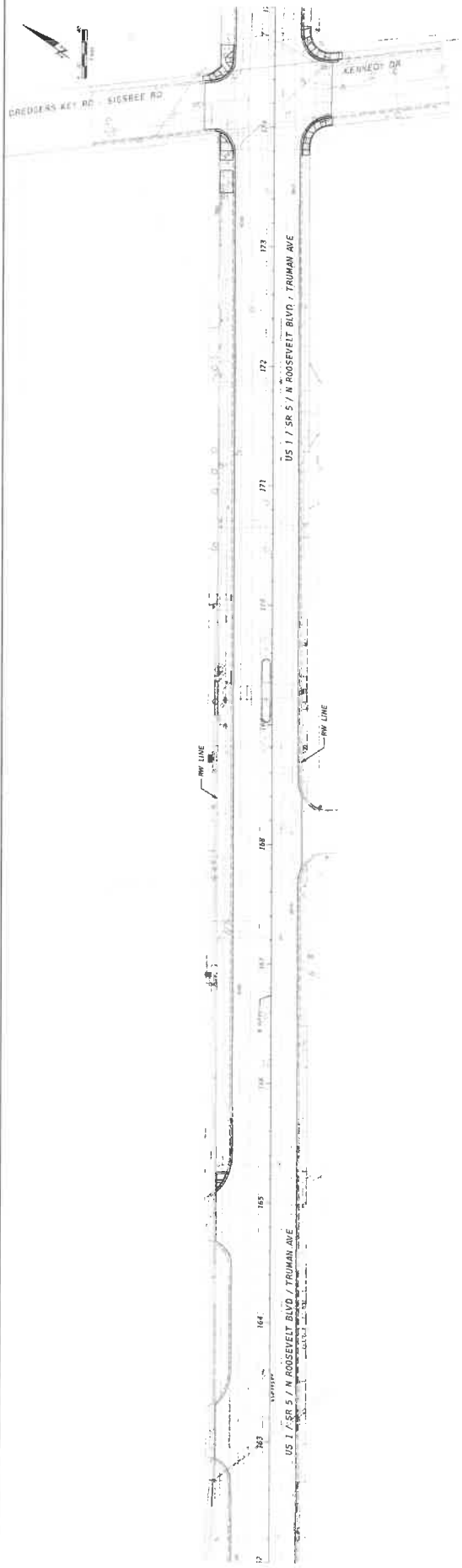
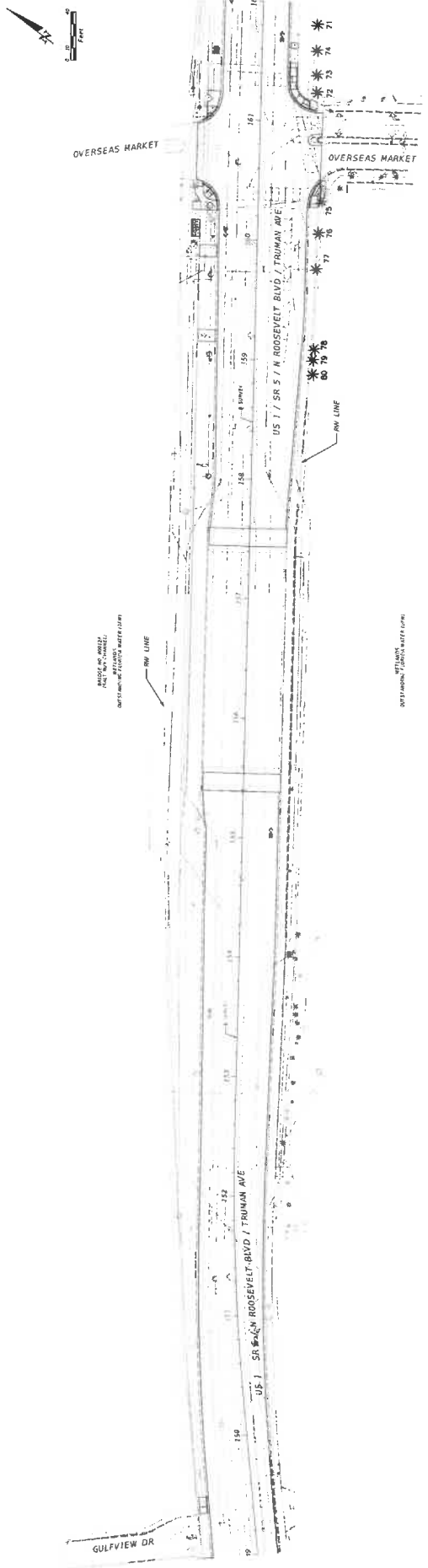


NOT TO SCALE
VERTICAL CURVES
NOT TO SCALE



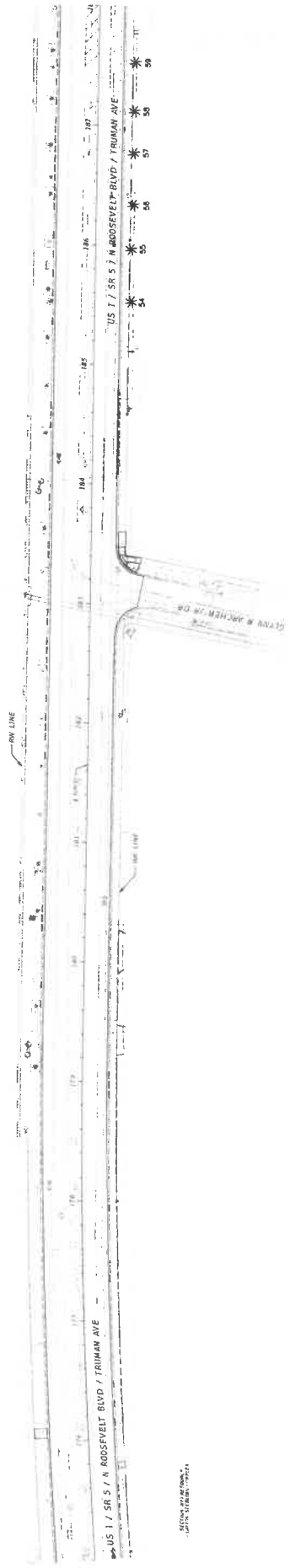
NOT TO SCALE
VERTICAL CURVES
NOT TO SCALE

TREE DISPOSITION PLAN			
DATE: 8/20/2024	PROJECT: 2024-2025 TRUMAN AVE CORRIDOR IMPROVEMENTS	DESIGNER: 448071374	SHEET: 10
BY: J. B. BROWN	CHECKED: J. B. BROWN	APPROVED: J. B. BROWN	DATE: 8/20/2024
SCALE: 1" = 40'	SCALE: 1" = 40'	SCALE: 1" = 40'	SCALE: 1" = 40'





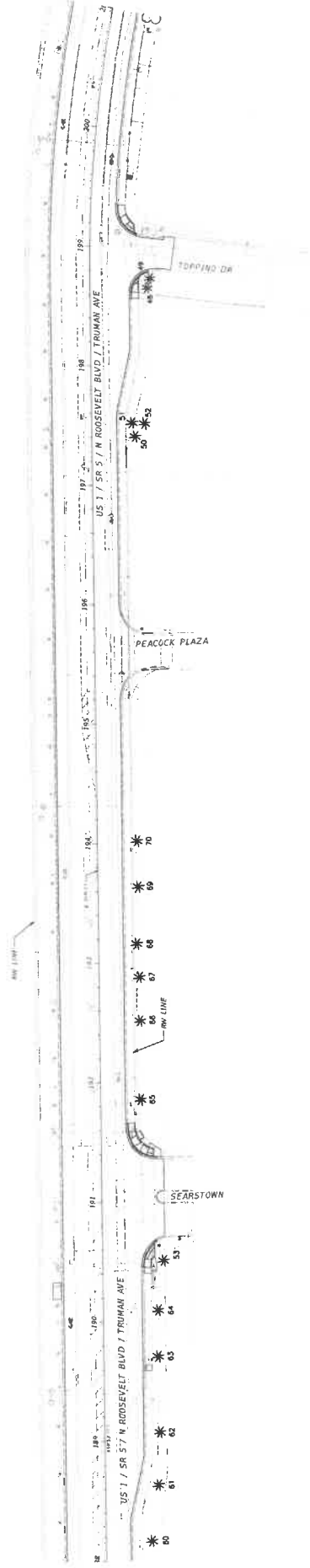
SECTION 22 OF 2004
NORTH AVENUE / TRUMAN AVE



SECTION 22 OF 2004
NORTH AVENUE / TRUMAN AVE



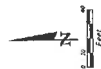
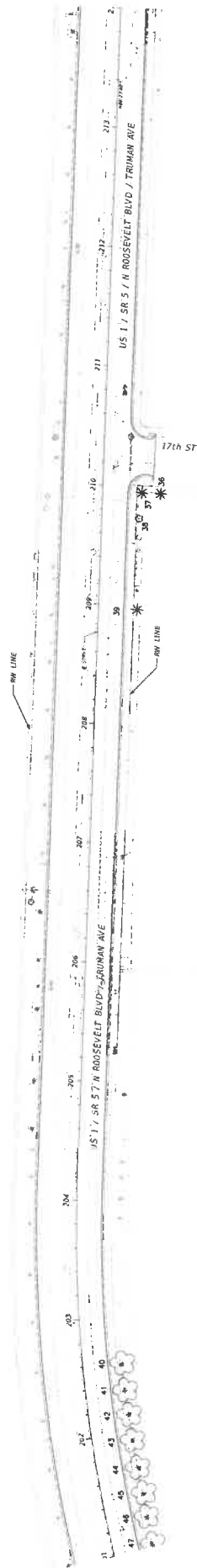
SECTION 23 OF 2004
NORTH AVENUE / TRUMAN AVE



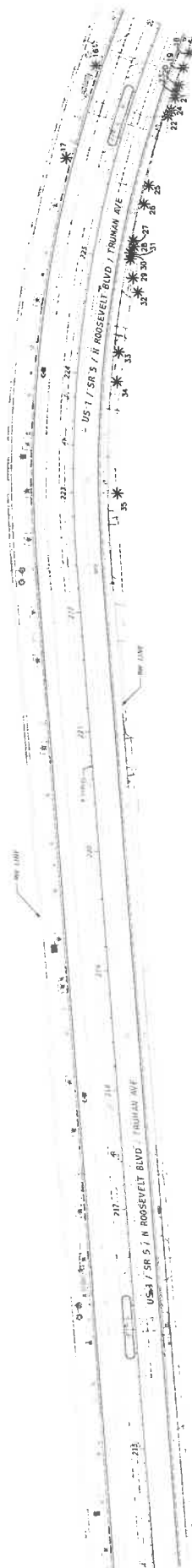
TREE DISPOSITION PLAN			
PROJECT NO.	22-0004	DATE	04/11/2004
PROJECT NAME	US 1 / SR 57 N ROOSEVELT BLVD / TRUMAN AVE	DESIGNED BY	W. J. BROWN
PROJECT LOCATION	US 1 / SR 57 N ROOSEVELT BLVD / TRUMAN AVE	CHECKED BY	W. J. BROWN
PROJECT SCALE	1" = 40'	DATE	04/11/2004
PROJECT DRAWN BY	W. J. BROWN	DATE	04/11/2004
PROJECT CHECKED BY	W. J. BROWN	DATE	04/11/2004
PROJECT APPROVED BY	W. J. BROWN	DATE	04/11/2004



NOT TO SCALE
DISTANCE (Feet)



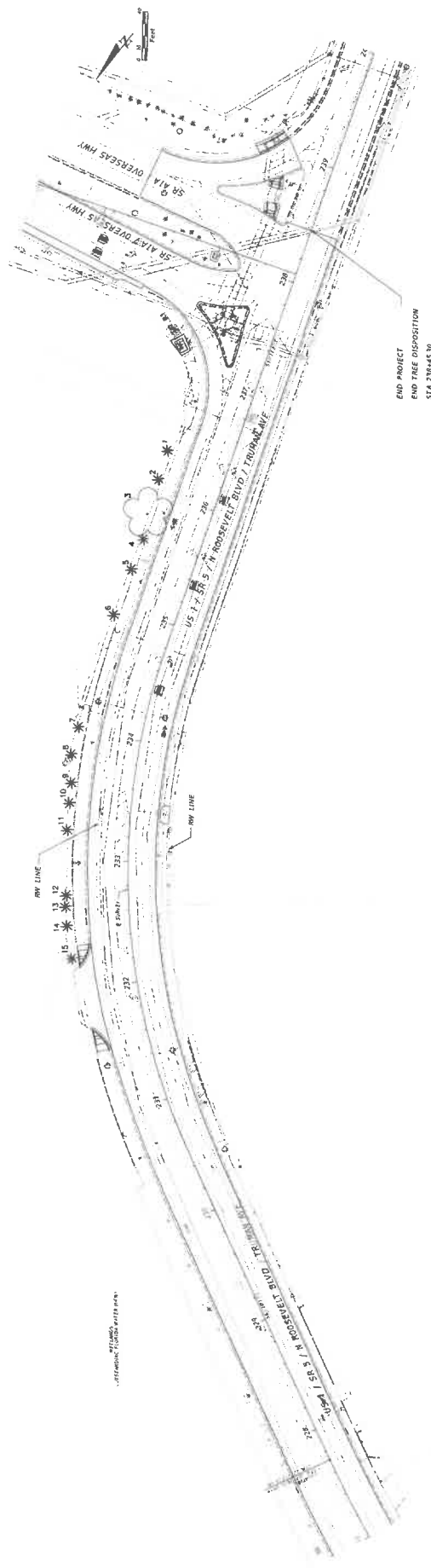
NOT TO SCALE
DISTANCE (Feet)



PROJECT INFORMATION		DATE OF REVISION		REVISION DESCRIPTION	
PROJECT NAME	US 1 / SR 5 / N ROOSEVELT BLVD / TRUMAN AVE	DATE	11/11/11	REVISION	1
PROJECT NUMBER	44080-000	DATE	11/11/11	REVISION	2
PROJECT LOCATION	US 1 / SR 5 / N ROOSEVELT BLVD / TRUMAN AVE	DATE	11/11/11	REVISION	3
PROJECT DRAWN BY	11/11/11	DATE	11/11/11	REVISION	4
PROJECT CHECKED BY	11/11/11	DATE	11/11/11	REVISION	5
PROJECT APPROVED BY	11/11/11	DATE	11/11/11	REVISION	6

TREE DISPOSITION PLAN

22



END PROJECT
END TREE DISPOSITION
STA 238+45.30



PROJECT INFORMATION		DATE: 01/11/2017	
PROJECT NO.	17-00000000	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT NAME	SR 91A OVERPASS HWY	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT LOCATION	SR 91A OVERPASS HWY	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT DESCRIPTION	SR 91A OVERPASS HWY	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT STATUS	1	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT OWNER	1	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT DESIGNER	1	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT CONSULTANT	1	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT REVIEWER	1	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT APPROVER	1	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT SIGNATURE	1	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT DATE	01/11/2017	DATE: 01/11/2017	DATE: 01/11/2017

TREE DISPOSITION PLAN

PROJECT INFORMATION		DATE: 01/11/2017	
PROJECT NO.	17-00000000	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT NAME	SR 91A OVERPASS HWY	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT LOCATION	SR 91A OVERPASS HWY	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT DESCRIPTION	SR 91A OVERPASS HWY	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT STATUS	1	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT OWNER	1	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT DESIGNER	1	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT CONSULTANT	1	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT REVIEWER	1	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT APPROVER	1	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT SIGNATURE	1	DATE: 01/11/2017	DATE: 01/11/2017
PROJECT DATE	01/11/2017	DATE: 01/11/2017	DATE: 01/11/2017

TREE DISPOSITION TABLE												
SHEET NUMBER	TREE NO.	SYMBOL	BOTANICAL NAME	COMMON NAME	DBH (IN.) FOR TREES/ CTH (FT.) FOR PALMS	HEIGHT (FT.) (APPROX.)	CANOPY SPREAD (FT.) (APPROX.)	LOCATION		CONDITION	DISPOSITION	NOTES
								NORTHING	EASTING			
	1		Cocos nucifera	Coconut Palm	10	30	20	404732.27	87339.68	Good	REMAIN	
	2		Cocos nucifera	Coconut Palm	10	30	20	406059.99	86840.16	Good	REMAIN	
	3		Delonix regia	Royal Poinciana	20	30	40	406054.30	86856.14	Good	REMAIN	
	4		Cocos nucifera	Coconut Palm	10	30	20	406044.26	86875.02	Good	REMAIN	
	5		Cocos nucifera	Coconut Palm	10	30	20	406031.37	86918.94	Good	REMAIN	
	6		Cocos nucifera	Coconut Palm	10	30	20	406015.03	86967.04	Good	REMAIN	
	7		Cocos nucifera	Coconut Palm	10	30	20	405984.30	87047.99	Good	REMAIN	
	8		Cocos nucifera	Coconut Palm	10	30	20	405979.02	87057.23	Good	REMAIN	
	9		Cocos nucifera	Coconut Palm	10	30	20	405974.12	87072.73	Good	REMAIN	
	10		Cocos nucifera	Coconut Palm	10	30	20	405949.05	87095.37	Good	REMAIN	
	11		Cocos nucifera	Coconut Palm	10	30	20	405943.38	87110.95	Good	REMAIN	
	12		Cocos nucifera	Coconut Palm	10	30	20	405905.59	87163.08	Good	REMAIN	
	13		Cocos nucifera	Coconut Palm	10	30	20	405907.08	87166.60	Good	REMAIN	
	14		Cocos nucifera	Coconut Palm	10	30	20	405901.70	87170.88	Good	REMAIN	
	15		Cocos nucifera	Coconut Palm	10	30	20	405868.17	87206.89	Good	REMAIN	
	16		Cocos nucifera	Coconut Palm	10	30	20	405343.94	87479.78	Good	REMAIN	
	17		Cocos nucifera	Coconut Palm	10	30	20	405266.94	87496.52	Good	REMAIN	
	18		Cocos nucifera	Coconut Palm	10	30	20	405359.35	87387.54	Good	REMAIN	
	19		Roystonea elata	Royal Palm	20	30	20	405348.09	87394.20	Good	REMAIN	
	20		Roystonea elata	Royal Palm	20	30	20	405330.85	87402.38	Good	REMAIN	
	21		Roystonea elata	Royal Palm	20	30	20	405319.12	87401.46	Good	REMAIN	
	22		Cocos nucifera	Coconut Palm	10	30	20	405302.46	87413.37	Good	REMAIN	
	23		Cocos nucifera	Coconut Palm	10	30	20	405323.71	87398.30	Good	REMAIN	
	24		Cocos nucifera	Coconut Palm	10	30	20	405312.59	87406.62	Fair	REMAIN	
	25		Cocos nucifera	Coconut Palm	10	30	20	405245.75	87435.07	Good	REMAIN	
	26		Cocos nucifera	Coconut Palm	10	30	20	405242.18	87440.97	Good	REMAIN	
	27		Cocos nucifera	Coconut Palm	10	30	20	405220.41	87449.69	Good	REMAIN	
	28		Roystonea elata	Royal Palm	24	30	20	405209.05	87446.16	Good	REMAIN	
	29		Roystonea elata	Royal Palm	24	30	20	405191.32	87442.59	Good	REMAIN	
	30		Cocos nucifera	Coconut Palm	24	30	20	405191.56	87438.50	Fair	REMAIN	
	31		Cocos nucifera	Coconut Palm	24	30	20	405193.93	87435.69	Good	REMAIN	
	32		Cocos nucifera	Coconut Palm	24	30	20	405173.28	87443.80	Good	REMAIN	
	33		Cocos nucifera	Coconut Palm	24	30	20	405109.40	87467.19	Good	REMAIN	
	34		Cocos nucifera	Coconut Palm	10	20	14	405099.67	87463.07	Poor	REMAIN	
	35		Cocos nucifera	Coconut Palm	10	30	20	405055.18	87472.68	Good	REMAIN	
	36		Cocos nucifera	Coconut Palm	10	15	15	403695.46	87393.69	Good	REMAIN	
	37		Coccoloba diversifolia	Pigeon Plum	4	10	6	403672.75	87397.62	Good	REMAIN	Tree Protection
	38		Veitchia merrillii	Christmas Palm	4	8	6	403669.60	87397.97	Good	REMAIN	
	39		Veitchia merrillii	Christmas Palm	4	8	6	403599.71	87389.32	Good	REMAIN	
	40		Phoenix dactylifera	Medjool date	18	30	20	402972.87	87332.05	Good	REMAIN	
	41		Phoenix dactylifera	Medjool date	18	30	20	402962.10	87329.57	Good	REMAIN	
	42		Phoenix dactylifera	Medjool date	18	30	20	402929.36	87326.99	Good	REMAIN	
	43		Phoenix dactylifera	Medjool date	18	30	20	402908.11	87322.01	Good	REMAIN	
	44		Phoenix dactylifera	Medjool date	18	30	20	402885.84	87316.65	Good	REMAIN	
	45		Phoenix dactylifera	Medjool date	18	30	20	402874.34	87313.96	Good	REMAIN	
	46		Phoenix dactylifera	Medjool date	18	30	20	402858.04	87305.58	Good	REMAIN	
	47		Phoenix dactylifera	Medjool date	18	30	20	402828.29	87304.60	Good	REMAIN	
	48		Thrinax radiata	Thatch Palm	4	18	8	402598.40	87187.15	Good	REMAIN	
	49		Thrinax radiata	Thatch Palm	4	18	4	402617.18	87194.37	Good	REMAIN	Tree Protection

16:52 PM 1/19/2024

V:\Projects\DOT\460115201\LANDSCAPE\ROCLD01.dgn

DATE

DESCRIPTION

REVIEWS

DATE

LANDSCAPE ARCHITECT

BRIAN R. SHORE
LICENSE NUMBER: LA-6666770
MILLER, LEGG & ASSOCIATES, INC.
13680 NW 5TH STREET, SUITE 200
SUNRISE, FL 33325

DEPARTMENT OF TRANSPORTATION

STATES OF FLORIDA

ROAD NO.

COUNTY

SR 5

MONROE

FINANCIAL PROJECT ID

44601152-01

SHEET NO.

26

TREE DISPOSITION CHART

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.071, F.A.C.

TREE DISPOSITION TABLE												
SHEET NUMBER	TREE NO.	SYMBOL	BOTANICAL NAME	COMMON NAME	DBH (IN.) FOR TREES/ CTH (FT.) FOR PALMS	HEIGHT (FT.) (APPROX.)	CANOPY SPREAD (FT.) (APPROX.)	LOCATION		CONDITION	DISPOSITION	NOTES
								NORTHING	EASTING			
	50		<i>Thrinax radiata</i>	Thatch Palm	4	18	6	402540.50	87171.58	Good	REMAIN	
	51		<i>Thrinax radiata</i>	Thatch Palm	4	18	6	402500.89	87142.15	Good	REMAIN	
	52		<i>Thrinax radiata</i>	Thatch Palm	4	18	6	402507.00	87132.03	Good	REMAIN	
	53		<i>Cocos nucifera</i>	Coconut Palm	10	18	20	402054.14	86819.25	Good	REMAIN	
	54		<i>Cocos nucifera</i>	Coconut Palm	10	18	20	401470.41	86546.26	Good	REMAIN	
	55		<i>Cocos nucifera</i>	Coconut Palm	10	18	20	401522.23	86571.37	Good	REMAIN	
	56		<i>Cocos nucifera</i>	Coconut Palm	10	18	20	401566.38	86595.24	Good	REMAIN	
	57		<i>Cocos nucifera</i>	Coconut Palm	10	18	20	401583.30	86617.82	Good	REMAIN	
	58		<i>Cocos nucifera</i>	Coconut Palm	10	18	20	401620.17	86637.42	Good	REMAIN	
	59		<i>Cocos nucifera</i>	Coconut Palm	10	18	20	401653.70	86650.90	Good	REMAIN	
	60		<i>Cocos nucifera</i>	Coconut Palm	10	18	20	401736.12	86688.47	Good	REMAIN	
	61		<i>Cocos nucifera</i>	Coconut Palm	10	18	20	401761.45	86706.93	Good	REMAIN	
	62		<i>Cocos nucifera</i>	Coconut Palm	10	18	20	401791.44	86723.88	Good	REMAIN	
	63		<i>Cocos nucifera</i>	Coconut Palm	10	18	20	401848.77	86757.95	Good	REMAIN	
	64		<i>Cocos nucifera</i>	Coconut Palm	10	18	20	401904.62	86788.84	Good	REMAIN	
	65		<i>Cocos nucifera</i>	Coconut Palm	10	18	20	402003.31	86832.68	Good	REMAIN	
	66		<i>Cocos nucifera</i>	Coconut Palm	10	18	20	402024.13	86871.78	Good	REMAIN	
	67		<i>Cocos nucifera</i>	Coconut Palm	10	18	20	402090.15	86906.74	Good	REMAIN	
	68		<i>Cocos nucifera</i>	Coconut Palm	10	18	20	402125.72	86917.12	Good	REMAIN	
	69		<i>Cocos nucifera</i>	Coconut Palm	10	18	20	402139.29	86932.59	Good	REMAIN	
	70		<i>Cocos nucifera</i>	Coconut Palm	10	18	20	402177.52	86958.00	Good	REMAIN	
	71		<i>Cocos nucifera</i>	Coconut Palm	10	20	20	399544.82	85192.14	Good	REMAIN	
	72		<i>Cocos nucifera</i>	Coconut Palm	10	20	20	399487.64	85215.58	Good	REMAIN	
	73		<i>Cocos nucifera</i>	Coconut Palm	10	20	20	399488.67	85226.83	Good	REMAIN	
	74		<i>Cocos nucifera</i>	Coconut Palm	10	20	20	399510.08	85237.92	Good	REMAIN	
	75		<i>Cocos nucifera</i>	Coconut Palm	10	30	20	399374.51	85144.86	Good	REMAIN	
	76		<i>Cocos nucifera</i>	Coconut Palm	10	30	20	399355.88	85131.15	Good	REMAIN	
	77		<i>Cocos nucifera</i>	Coconut Palm	10	30	20	399332.80	85108.69	Good	REMAIN	
	78		<i>Cocos nucifera</i>	Coconut Palm	10	30	20	399273.96	85073.56	Good	REMAIN	
	79		<i>Cocos nucifera</i>	Coconut Palm	10	30	20	399269.89	85067.96	Good	REMAIN	
	80		<i>Cocos nucifera</i>	Coconut Palm	10	30	20	399260.61	85060.92	Good	REMAIN	
	81		<i>Phoenix dactylifera</i>	Medjool date	18	25	20	398124.36	84165.08	Good	REMAIN	Tree Protection
	82		<i>Phoenix dactylifera</i>	Medjool date	18	25	20	398033.60	84071.28	Good	REMAIN	Tree Protection
	83		<i>Bursera simaruba</i>	Gumbo Limbo	10	15	15	394557.66	82597.50	Good	REMAIN	Tree Protection

DATE	DESCRIPTION	REVISIONS	LANDSCAPE ARCHITECT	DEPARTMENT OF TRANSPORTATION	SHEET NO.
			BRIAN R. GIBSON LICENSE NUMBER: LA-6666770 MILLER, LEGG & ASSOCIATES, INC. 13680 NW 5TH STREET, SUITE 200 SUNRISE, FL 33325	STATE OF FLORIDA COUNTY MONROE SR 5 FINANCIAL PROJECT ID 446011-S2-01	27

TREE DISPOSITION CHART

From: [Rafael S. Aguilar](#)
To: [Todd C. Stoughton](#)
Cc: [Mario B Rojas IV, PE](#)
Subject: [EXTERNAL] RE: [EXTERNAL] RE: [EXTERNAL] FM 44601-1-52-01 SR 5 / N Roosevelt Blvd - RRR | Water Hazard Protection
Date: Thursday, February 22, 2024 11:29:33 AM
Attachments: [image003.png](#)
[image004.png](#)
[image005.png](#)

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Good morning Todd,

If guardrail is to be installed, the palms must meet the minimum barrier setback for flexible barriers, in this case 5-ft, with standard guardrail (see table below). More than likely none of the palms will meet this criteria and likely will be removed, each one would have to be evaluated individually. As you can see the value can be reduced to 3-ft, but even here the setback value will not be met.

Table 215.4.2 Minimum Barrier Setback
(Measured from the face of the barrier, as shown in Figure 215.4.7)

Barrier Type	Setback Distance
Flexible Barrier	
High Tension Cable Barrier (HTCB)	12 feet, 0 inches
Semi-Rigid Barrier	
W-Beam with Post Spacing @ 6 feet, 3 inches (TL-3)	5 feet, 0 inches
W-Beam with Post Spacing @ 12 feet, 6 inches (TL-2)	5 feet, 0 inches
W-Beam with Post Spacing @ 3 feet, 1.5 inches (½ Spacing)	3 feet, 10 inches
W-Beam with Post Spacing @ 1 foot, 6.75 inches (¼ Spacing)	3 feet, 2 inches
Nested W-Beams with Post Spacing @ 3 feet, 1.5 inches (½ Spacing)	3 feet, 0 inches
Nested W-Beams with Post Spacing @ 1 foot, 6.75 inches (¼ Spacing)	2 feet, 8 inches
Deep Post W-Beam installed on 1:2 Slope Break with Post Spacing @ 6 feet, 3 inches (TL-3)	5 feet, 6 inches
Rigid-Barrier	
Concrete Barrier < 40" Height (Design Speeds ≤ 45 MPH)	0 feet, 0 inches
Concrete Barrier < 40" Height (Design Speeds > 45 MPH) Non-crash Tested Continuous or Discontinuous Items	1 foot, 6 inches
Concrete Barrier ≥ 40" Height	0 feet, 0 inches
Bridge Traffic Railing Non-crash Tested Continuous Items Non-crash Tested Discontinuous Items	5 feet, 0 inches See Figure 215.4.7
Temporary Barriers	
See "Setback Distance" of applicable Standard Plans , Index or APL drawing.	

Thank You,

-

[Rafael S. Aguilar, PE](#)

Senior Project Manager | Principal

1551 Sawgrass Corporate Parkway, Suite 440

Sunrise, Florida 33323

Office: (954) 251-4393

Office: (786) 250-5526

Cell: (305) 310-6914



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From: Todd C. Stoughton <tstoughton@cityofkeywest-fl.gov>

Sent: Thursday, February 22, 2024 11:25 AM

To: Rafael S. Aguilar <rsaguilar@choiceeng.com>; Mario B Rojas IV, PE <mbrojas@choiceeng.com>

Subject: RE: [EXTERNAL] RE: [EXTERNAL] FM 44601-1-52-01 SR 5 / N Roosevelt Blvd - RRR | Water Hazard Protection

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Sorry I sent too early:

In the 90% design drawings I see the Tree Disposition Table that demonstrates the trees as 'Remain'. Just want to confirm if they are staying or going.

From: Todd C. Stoughton

Sent: Thursday, February 22, 2024 11:20 AM

To: 'Rafael S. Aguilar' <rsaguilar@choiceeng.com>; Mario B Rojas IV, PE <mbrojas@choiceeng.com>

Subject: RE: [EXTERNAL] RE: [EXTERNAL] FM 44601-1-52-01 SR 5 / N Roosevelt Blvd - RRR | Water Hazard Protection

Rafael/Mario,

Thank you again for your patience. I am preparing the City Commission agenda item now and if I remember correctly someone said if the vehicle guard is installed on N. Roosevelt the Palm Trees will come out. Is that correct?

Thank you again.

Respectfully,

Todd

Todd Stoughton

Assistant City Manager

City of Key West

1300 White Street

Key West, FL 33040

Desk: (305) 809-3811

tstoughton@cityofkeywest-fl.gov

From: Rafael S. Aguilar <rsaguilar@choiceeng.com>

Sent: Wednesday, February 21, 2024 2:35 PM

To: Todd C. Stoughton <tstoughton@cityofkeywest-fl.gov>; Mario B Rojas IV, PE <mbrojas@choiceeng.com>

Cc: Albert Childress <albert.childress@cityofkeywest-fl.gov>; Gary Volenec <gary.volenec@cityofkeywest-fl.gov>;

Ian McDowell <cimcdowell@cityofkeywest-fl.gov>; Joaquin de la Cruz (<Joaquin.DelaCruz@dot.state.fl.us>

<Joaquin.DelaCruz@dot.state.fl.us>; Raymond Valido (<Raymond.Valido@dot.state.fl.us>

<Raymond.Valido@dot.state.fl.us>; Karina Fuentes (<Karina.Fuentes@dot.state.fl.us>

<Karina.Fuentes@dot.state.fl.us>; Carlos Francis <cfrancis@choiceeng.com>

Subject: [EXTERNAL] RE: [EXTERNAL] FM 44601-1-52-01 SR 5 / N Roosevelt Blvd - RRR | Water Hazard Protection

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Thank you Todd for your attention in this matter. We are looking forward to the resolution; the sooner we have a resolution, the better,

We will work with the date you noted below.

Thank You,

-

Rafael S. Aguilar, PE

Senior Project Manager | Principal

1551 Sawgrass Corporate Parkway, Suite 440

Sunrise, Florida 33323

Office: (954) 251-4393

Office: (786) 250-5526

Cell: (305) 310-6914



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From: Todd C. Stoughton <tstoughton@cityofkeywest-fl.gov>

Sent: Wednesday, February 21, 2024 1:12 PM

To: Mario B Rojas IV, PE <mbrojas@choiceeng.com>; Rafael S. Aguilar <rsaguilar@choiceeng.com>

Cc: Albert Childress <albert.childress@cityofkeywest-fl.gov>; Gary Volenec <gary.volenec@cityofkeywest-fl.gov>;

Ian McDowell <cimcdowell@cityofkeywest-fl.gov>; Joaquin de la Cruz (<Joaquin.DelaCruz@dot.state.fl.us>

<Joaquin.DelaCruz@dot.state.fl.us>; Raymond Valido (<Raymond.Valido@dot.state.fl.us>

<Raymond.Valido@dot.state.fl.us>; Karina Fuentes (<Karina.Fuentes@dot.state.fl.us>

<Karina.Fuentes@dot.state.fl.us>; Carlos Francis <cfrancis@choiceeng.com>

Subject: RE: [EXTERNAL] FM 44601-1-52-01 SR 5 / N Roosevelt Blvd - RRR | Water Hazard Protection

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Mario/Rafael,

Good afternoon. After discussing with the City Manager, we will take this in front of our City Commission on March 14th in the form of a resolution for their direction. I know you have been waiting for this response, and I hope this does not delay the project on your end. I will have a letter to you on March 15th from the City Manager. If this timeline does not work, please let me know.

Respectfully,

Todd

Todd Stoughton
Assistant City Manager
City of Key West
1300 White Street
Key West, FL 33040
Desk: (305) 809-3811
tstoughton@cityofkeywest-fl.gov

From: Mario B Rojas IV, PE <mbrojas@choiceeng.com>
Sent: Tuesday, February 20, 2024 5:14 PM
To: Todd C. Stoughton <tstoughton@cityofkeywest-fl.gov>
Cc: Albert Childress <albert.childress@cityofkeywest-fl.gov>; Gary Volenec <gary.volenec@cityofkeywest-fl.gov>; Ian McDowell <cimcdowell@cityofkeywest-fl.gov>; Rafael S. Aguilar <rsaguilar@choiceeng.com>; Joaquin de la Cruz <Joaquin.DelaCruz@dot.state.fl.us> <Joaquin.DelaCruz@dot.state.fl.us>; Raymond Valido <Raymond.Valido@dot.state.fl.us> <Raymond.Valido@dot.state.fl.us>; Karina Fuentes <Karina.Fuentes@dot.state.fl.us> <Karina.Fuentes@dot.state.fl.us>; Carlos Francis <cfrancis@choiceeng.com>
Subject: [EXTERNAL] FM 44601-1-52-01 SR 5 / N Roosevelt Blvd - RRR | Water Hazard Protection

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Good Afternoon Todd,

As discussed today with this project's EOR, Rafael Aguilar, you can find our 90% Submittal here:  [03_Phase III](#)

Please note that if the City has no opposition to the implementation of the guardrail and the pedestrian railing to protect the water hazard and drop-off hazard, the plans will be updated to include these safety features.

Also as discussed, a typical section depicting the guardrail and the pedestrian railing is attached for your reference.

We are looking forward to hearing from you regarding the Commission's resolution on this matter.

Best Wishes,

Mario B. Rojas IV, PE, MSCE, MBA
Project Manager
Accredited Bentley® Road Designer & Road Modeler
12855 SW 132nd Street, Suite 200
Miami, Florida 33186
Office: (786) 250-5526
Cell: (305) 281-7699
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Julio Avel MPA
City Manager

THE CITY OF KEY WEST

P.O. BOX 1409
KEY WEST, FL 33041-1409

525 Angela Street
(305) 292-8100
FAX 292-8234
javel@keywestcity.com

March 5, 2004

Mr. David J. Mendez, P.E.
Consultant Project Manager
Florida Department of Transportation
1000 N. W. 11th Ave., Room 6247
Miami, FL 33172-5800

RE: Pedestrian Railings for North and South Roosevelt Blvd

Dear Mr. Mendez:

This confirms the City's desire not to have pedestrian railings on the seawall on North and South Roosevelt Blvd.

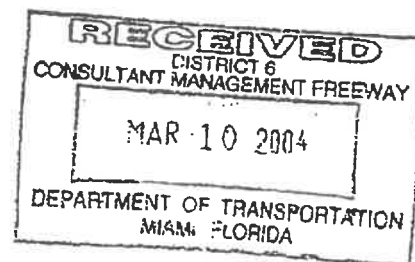
The present seawalls were installed in 1926 without pedestrian railings and we have not had any problems. They would offer little benefit to pedestrian safety as experienced from our past history. The pedestrian railings would be a place for boats to tie up to that would create a safety hazard to pedestrians. The individuals who tie up to the seawall could be in danger when crossing the roadway. It would ruin the historic openness of our surrounding waters.

Sincerely,

A handwritten signature in dark ink, appearing to read "Julio Avel", is written over a circular stamp.

Julio Avel
City Manager

c.c.
John Jones, Assistant City Manager
Roland Flowers, City Engineer
Jimmy Weekley, Mayor



Key to the Caribbean - Average yearly temperature 77° F.