

CONTRACT PLANS COMPONENTS  
ROADWAY



MONROE COUNTY, FLORIDA

ROADWAY PLANS

FINANCIAL PROJECT ID 451637-1-38-01

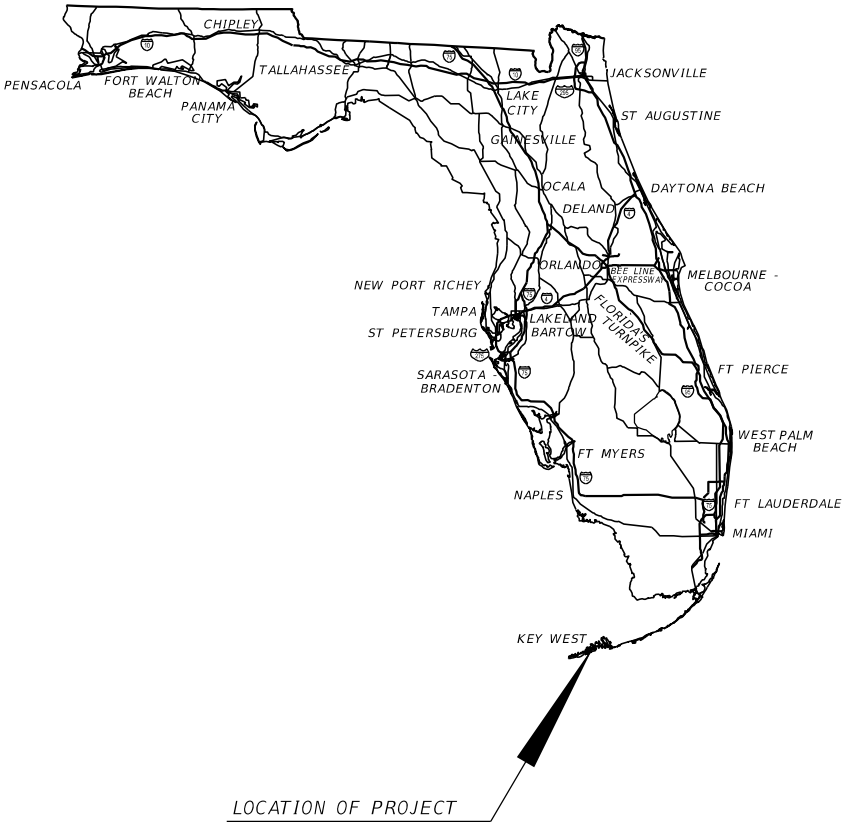
MONROE COUNTY (90900013)

CRANE BLVD SHARED USE PATH  
SUGARLOAF KEY PROJECT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
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PROJECT LOCATION URL:	<a href="http://tiny.cc/ldyayz">http://tiny.cc/ldyayz</a>
PROJECT LIMITS:	BEGIN MP 0.00 - END MM 1.013
EXCEPTIONS:	NONE
BRIDGE LIMITS:	NONE
RAILROAD CROSSING:	NONE



UTILITY COORDINATION DRAWINGS

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2024-25 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, FY 2024-25 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

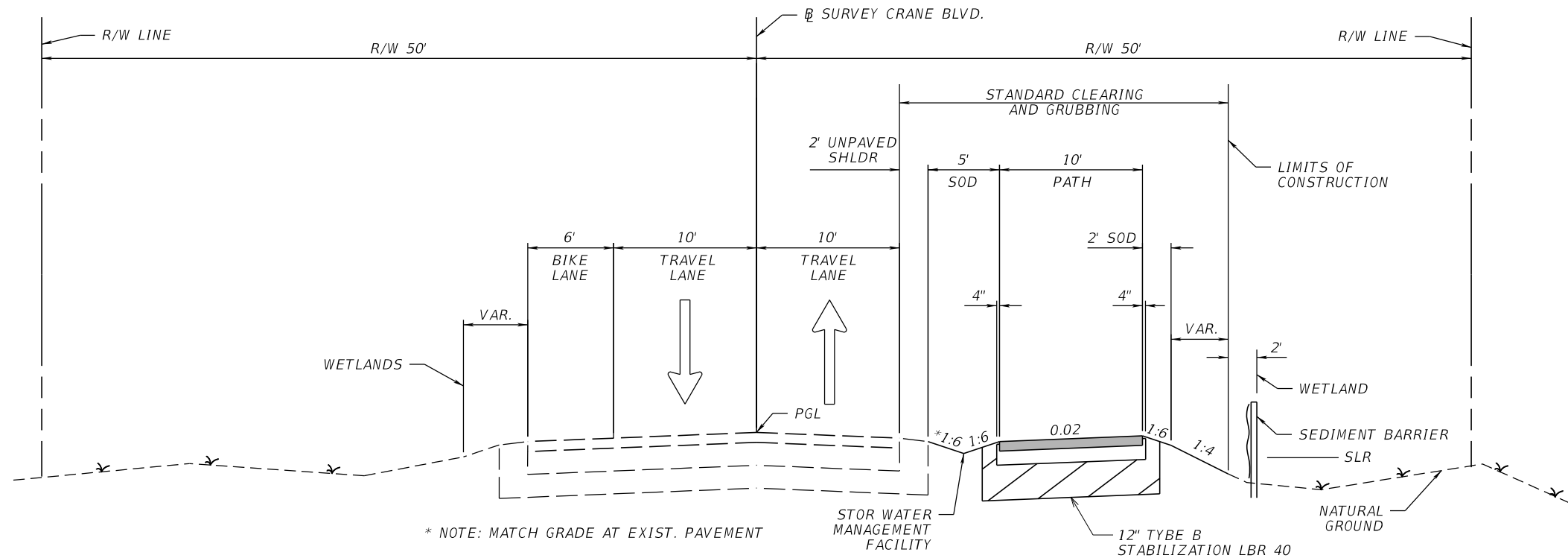
ROADWAY PLANS  
ENGINEER OF RECORD:

EDIL H. PENA, P.E.  
P.E. LICENSE NUMBER 81625  
MCFARLAND JOHNSON, INC.  
4601 SHERIDAN STREET, SUITE 500  
HOLLYWOOD, FL. 33021  
(305) 705-4871

VENDOR NO.: 16-0770183002  
MONROE COUNTY PROJECT  
MANAGER:

DEBRA LONDON

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	25	1



NOTE:  
1. CONTRACTOR SHALL USE PERFORMANCE TURF WITHIN STANDARD CLEARING AND GRUBBING LIMITS WHERE SOD IS NOT SPECIFIED.  
2. PREDICTED SEA LEVER RISE ELEVATION YEAR 2045 (SLR) = 2.26 FT NAVD 88

**TYPICAL SECTION**

STA. 103+69.63 TO STA. 153+46.62

**SHARED USE PATH**

OPTIONAL BASE GROUP 1 WITH  
TYPE SP STRUCTURAL COURSE (TRAFFIC A) (1 1/2")

DRAFT

REVISIONS				ENGINEER OF RECORD		MONROE COUNTY		TYPICAL SECTION	SHEET NO. 2
DATE	DESCRIPTION	DATE	DESCRIPTION	EDIL H. PENA LICENSE NUMBER: 81625 MCFARLAND JOHNSON, INC. 4601 SHERIDAN STREET, SUITE 500 HOLLYWOOD, FL. 33021		ROAD NO.	COUNTY		
						ROAD NAME	FINANCIAL PROJECT ID		
						MONROE	451637-1-38-01		

GENERAL NOTES

1. BENCHMARK DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988).
2. THE CONTRACTOR SHALL CLEAR AND GRUB THE PROJECT SITE ONLY TO THE EXTENT NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS. ANY TREE REMOVAL, CANOPY TRIMMING, OR ROOT PRUNING NECESSARY FOR THE CONSTRUCTION SHALL BE PAID FOR UNDER "CLEARING AND GRUBBING", PAY ITEM 110-1-
3. ALL PUBLIC LAND CORNERS AND PRIMARY NETWORK CONTROL SURVEY MONUMENTS ARE TO BE PROTECTED BY THE CONTRACTOR. CORNERS AND MONUMENTS WITHIN THE WORK ZONE AND IN DANGER OF BEING DAMAGED, DESTROYED OR COVERED SHALL BE PROPERLY REFERENCED BY A REGISTERED LAND SURVEYOR IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYOR PRIOR TO THE BEGINNING OF WORK. UPON PROJECT COMPLETION THE CONTRACTOR SHALL RESTORE ALL SUCH CORNERS AND MONUMENTS AND SHALL FURNISH TO THE DISTRICT LOCATION SURVEYOR A SIGNED AND SEALED COPY OF THE LAND SURVEYOR REFERENCE DRAWING. INCLUDE ALL COST OF REFERENCEING, RESTORING AND PRESERVING CORNERS AND MONUMENTS IN THE BID PRICE FOR ITEM 101-1 MOBILIZATION.
4. IF GRADE DIFFERENCE AT EDGE OF PROPOSED PAVEMENT OCCURS CONTRACTOR SHALL REWORK EXISTING SHOULDER WITH LIME-ROCK TO MATCH EDGE OF PROPOSED PAVEMENT GRADE.
5. THE CONTRACTOR SHALL RESTORE THE WORK AREA AND DAMAGED PROPERTIES, UNLESS OTHERWISE NOTED IN THE PLANS, TO ORIGINAL OR BETTER CONDITION WITHOUT ADDITIONAL COST TO THE COUNTY.
6. ALL EXCESS MATERIAL AS DESIGNATED BY THE ENGINEER IS TO BE DISPOSED BY THE CONTRACTOR IN AREAS PROVIDED BY HIM WITHIN 72 HOURS OF BEING DEPOSITED IN THE CONSTRUCTION AREA AND AT THE CONTRACTOR' EXPENSE.
7. BASE MATERIAL EXPOSED FOR MORE THAN 24 HOURS SHALL BE PRIMED AND SAND COATED FOR PROTECTION.
8. THE PREMISES SHALL BE KEPT CLEAN AND ORDERLY AT ALL TIMES DURING THE WORK. A WATER TRUCK SHALL BE MAINTAINED ON-SITE AT ALL TIMES FOR THE CONTROL OF DUST. UPON COMPLETION OF THE WORK REPAIR ALL DAMAGES CAUSED BY EQUIPMENT OR OTHERWISE. THE PROJECT SHALL BE FREE OF ALL RUBBISH AND EXCESS MATERIAL AT ALL TIMES.
9. NO LATER THAN THE CONCLUSION OF EACH DAYS OPERATION, THOROUGHLY CLEAN ALL SPILLED SOIL, GRAVEL, OR OTHER FOREIGN MATERIAL CAUSED BY THE CONSTRUCTION OPERATIONS FROM THE STREETS AND ROADS.
10. ALL DISTURBED STREETS, ROADS, DETOURS, OR HAUL ROADS IN THE PROJECT AREA SHALL BE TREATED, AS REQUIRED, WITH WATER.
11. THE CONTRACTOR SHALL USE A STREET SWEEPER (USING WATER) OR OTHER EQUIPMENT CAPABLE OF CONTROLLING AND REMOVING DUST. APPROVAL OF THE USE OF SUCH EQUIPMENT IS CONTINGENT UPON ITS DEMONSTRATED ABILITY TO DO THE WORK. CLEANING AND SWEEPING IS TO BE INCLUDED IN ITEM 102-1 MAINTENANCE OF TRAFFIC.
12. THE CONTRACTOR SHALL PROVIDE ACCESS TO PROPERTY OWNERS AT ALL TIMES. POTHOLES, TRENCHES, AND OTHER CONSTRUCTION IMPACTS SHALL BE PROPERLY PLATED OR FILLED FOR ACCESS PURPOSES AND WILL BE PAID FOR UNDER MAINTENANCE OF TRAFFIC.
13. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR LEAVE EXCAVATED TRENCHES OPEN, UNCOVERED OR EXPOSED AT THE END OF THE WORKING DAY, WEEKENDS, HOLIDAYS OR OTHER TIMES WHEN THE CONTRACTOR IS NOT WORKING.
14. EXISTING UTILITIES ARE BACKFILLED WITH FLOWABLE FILL. LARGE CHUNKS OF EXCAVATED MATERIAL SHALL BE REPLACED WITH SUITABLE MATERIAL OR PROCESSED TO MAKE THEM SUITABLE FOR BACKFILLING OR EMBANKMENT CONSTRUCTION. COST TO BE INCLUDED IN RELATED BID ITEMS
15. THE EXISTING SOIL CONSISTS OF HARD MATERIALS (SUCH AS LIMESTONE, ETC.) THE CONTRACTOR SHALL USE EQUIPMENT AND METHODS OF CONSTRUCTION THAT ARE NECESSARY TO PERFORM THE WORK.
16. THE CONTRACTOR SHALL PERFORM AN INVENTORY OF ALL EXISTING STREET LIGHTING, TRAFFIC SIGNAL AND OTHER ELECTRIC AND COMMUNICATION INSTALLATIONS (POLES, PULL BOXES, CONTROLLER CABINET, SERVICE POINTS, ETC.) WITHIN THE AFFECTED LIMITS. AFFECTED LIMITS INCLUDE ALL AREAS WHERE CLEARING AND GRUBBING, EXCAVATION, AND REMOVAL OF SIDEWALK ARE BEING PERFORMED, THE CONTRACTOR SHALL SUBMIT A REPORT OF THE CONDITION OF EACH

INSTALLATION AND ITS CONTENT TO THE ENGINEER PRIOR TO THE BEGINNING OF CONSTRUCTION; INCLUDING PHOTOGRAPHS OF ANY IDENTIFY DEFICIENCIES.

17. THE CONTRACTOR SHALL REPAIR ALL DAMAGED PULL BOXES AND THEIR CONTENT IN ACCORDANCE WITH THE LATEST FDOT, MAINTAINING AGENCY AND NATIONAL ELECTRICAL CODE REQUIREMENTS, ALL DAMAGED CABLES AND CONDUCTORS SHALL BE REPLACED, NO SPLICES ARE ALLOWED.

DRAINAGE NOTES:

1. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING EXISTING AND NEW INLETS CLEAN OF MILLING MATERIAL, LIMEROCK, DEBRIS, ETC, DURING THE CONSTRUCTION AT NO ADDITIONAL COST.

ENVIRONMENTAL NOTES:


1. THE CONTRACTOR SHALL REVIEW ENVIRONMENTAL REQUIREMENTS OF ANY PROPOSED STAGING AREAS WITH THE DISTRICT ENVIRONMENTAL PERMITS COORDINATOR AT (305) 470-5220 AND WITH THE MONROE COUNTY'S ENVIRONMENTAL COORDINATOR AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO USE.
2. ANY MATERIAL TO BE STOCKPILED FOR PERIODS GREATER THAN 24 HOURS SHALL BE PROTECTED BY APPROPRIATE EROSION CONTROL DEVICES. COST TO BE INCLUDED IN THE RELATED BID ITEM.
3. ALL TREES ARE TO REMAIN UNLESS OTHERWISE DESIGNATED ON THE PLANS.
4. CONTRACTOR SHALL NOT STAGE OR OPERATE EQUIPMENT WITHIN THE DRIPLINE OF TREES.
5. PROTECTION OF LISTED SPECIES:

VARIOUS ANIMALS DESIGNATED BY STATE AND FEDERAL AGENCIES AS ENDANGERED, THREATENED, OR SPECIES OF SPECIAL CONCERN (E.G., "LISTED SPECIES") MAY BE PRESENT IN THE GENERAL PROJECT AREA. SUCH SPECIES INCLUDE, BUT ARE NOT LIMITED TO, KEY LARGO WOODRAT (*Neotoma floridana smalli*), KEY LARGO COTTON MOUSE (*Peromyscus gossypinus allapaticola*), STOCK ISLAND TREE SNAIL (*Orthalicus reses reses*), FLORIDA TREE SNAIL (*Liguus fasciatus*), SCHAUS' SWALLOWTAIL BUTTERFLY (*Heraclydes aristodemus ponceanus*), WHITE-CROWNED PIGEON (*Columba leucocephala*), SNOWY EGRET (*Egretta Chula*), LITTLE BLUE HERON (*Egretta carulia*), TROCOLORED HERON (*Egretta tricolor*), WHITE IBIS (*Eudocimus albus*), BROWN PELICAN (*Pelicanus occidentallis*), ROSEATE SPOONBILL (*Platalea haliaetus*), AMERICAN CROCODILE (*Crocodylus acutus*), AMERICAN ALIGATOR (*Alligator mississippiensis*), EASTERN INDIGO SNAKE (*Drymarchon corals couper*), AND RIM ROCK CROWNED SNAKE (*Tantilla oolitica*). THE CONTRACTOR SHOULD BE AWARE THAT STATE AND FEDERAL REGULATIONS PROHIBIT HARMING OR HARASSING ANY LISTED SPECIES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL PROJECT PERSONNEL, INCLUDING SUB-CONTRACTORS, ARE AWARE OF AND ABIDE BY ALL REQUIREMENTS PERTAINING TO LISTED ANIMAL AND PLANT SPECIES. THIS RESPONSIBILITY EXTENDS TO ENSURING PROJECT PERSONNEL ARE AWARE OF AND ABIDE BY THE REQUIREMENT FOR INSPECTING VEGETATION CLEARING/TRIMMING AREAS FOR THE PRESENCE OF BIRD NESTS AND THE PROHIBITION AGAINST DAMAGING SUCH NESTS WITHOUT PRIOR APPROVAL (SEE GENERAL VEGETATION CLEARING AND TRIMMING NOTES).

IT IS OFTEN DIFFICULT FOR UNTRAINED PERSONNEL TO CORRECTLY IDENTIFY LISTED SPECIES. BECAUSE OF THIS, THE CONTRACTOR SHALL NOT HARM OR HARASS ANY ANIMAL SPECIES ENCOUNTERED DURING PROJECT CONSTRUCTION. SHOULD THESE SPECIES BE ENDANGERED BY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL CONTACT THE MONROE COUNTY PROJECT MANAGER WITHIN 24 HOURS OF EACH ENCOUNTER.

THE FOLLOWING PRECAUTIONS WILL BE TAKEN IF AN AMERICAN CROCODILE OR AMERICAN ALLIGATOR IS ENCOUNTERED DURING CONSTRUCTION: ALL WORKERS SHALL BE NOTIFIED. THE ALLIGATOR OR CROCODILE SHALL BE ALLOWED TO LEAVE THE SITE ON ITS OWN AND SHALL NOT BE DISTURBED, HERDED, INJURED, OR KILLED. THE CONTRACTOR SHALL KEEP A DAILY LOG DETAILING ALL SIGHTINGS, INJURIES, OR KILLINGS. AFTER PROJECT COMPLETION, REPORTS SUMMARIZING THESE EVENTS SHALL BE SUBMITTED TO THE MONROE COUNTY PROJECT MANAGER. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL AND STATE REQUIREMENTS REGARDING ENDANGERED OR THREATENED SPECIES. SHOULD THESE SPECIES BE ENCOUNTERED, THE CONTRACTOR SHALL CONTACT THE MONROE COUNTY PROJECT MANAGER WITHIN 24

REVISIONS				ENGINEER OF RECORD	 MONROE COUNTY			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	EDIL H. PENA LICENSE NUMBER: 81625 MCFARLAND JOHNSON, INC. 4601 SHERIDAN STREET, SUITE 500 HOLLYWOOD, FL. 33021	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		3
					CRANE BLVD	MONROE	451637-1-38-01		

HOURS OF EACH ENCOUNTER.

THE FOLLOWING PRECAUTIONS WILL BE TAKEN IF AN EASTERN INDIGO SNAKE [S ENCOUNTERED DURING CONSTRUCTION: ALL WORKERS SHALL BE NOTIFIED. THE SNAKE SHALL BE ALLOWED TO LEAVE THE SITE ON ITS OWN AND SHALL NOT BE DISTURBED, HERDED, INJURED, OR KILLED. FENCING SHALL NOT BE ERECTED, AS THE SNAKE MAY SUSTAIN INJURY IF IT BECOMES ENTANGLED IN THE MESH. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL AND STATE REQUIREMENTS REGARDING ENDANGERED OR THREATENED SPECIES. SHOULD THESE SPECIES BE ENCOUNTERED, THE CONTRACTOR SHALL CONTACT THE MONROE COUNTY PROJECT MANAGER WITHIN 24 HOURS OF EACH ENCOUNTER.

UTILITY NOTES

1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BECONSIDERED APPROXIMATE ONLY.
2. ALL EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.
3. PRE-TRENCHING IN THE ALIGNMENT AND GRADE OF PROPOSED PIPES STRUCTURES, FRENCH DRAINS, CONDUITS, POLE FOUNDATIONS AND/OR SUB-GRADE SHALL BE PERFORMED SEVEN DAYS IN ADVANCE OF ITS CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE UNDERGROUND UTILITY OWNERS AND THE COUNTY WITH 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-TRENCHING, SURVEY AND BACKFILLING SHALL BE INCLUDED IN THE COST OF THE RELATED BID ITEM FOR THE WORK BEING DONE.
4. ALL UTILITY FEATURES INCLUDING MANHOLE LIDS, WATER METERS, AND VALVE BOXES AFFECTED BY THE PROPOSED IMPROVEMENTS ARE TO BE ADJUSTED BY THE UTILITY OWNER. THE CONTRACTOR SHALL COORDINATE WITH UTILITY OWNERS TO COMPLETE THIS WORK.
5. ENERGIZED ELECTRICAL POWER LINES IN THE IMMEDIATE VICINITY OF A CONSTRUCTION JOB PRESENT AN EXTREME HAZARD FROM ELECTRICAL SHOCK, DO NOT APPROACH ANY CLOSER THAN TEN (10) FEET OF ANY SUCH OVERHEAD POWER LINE - EITHER IN PERSON OR WITH EQUIPMENT. DO NOT CONSIDER THESE LINE TO BE INSULATED. BEFORE WORKING IN PROXIMITY TO OVERHEAD OR GROUND POWER LINES, OR IF THERE ANY QUESTIONS RELATIVE TO THE HAZARD WHICH THESE POWER LINES PRESENT, THE CONTRACTOR SHOULD CALL FLORIDA KEYS ELECTRIC CO-OP. IF IT IS FEASIBLE TO TAKE THE LINES OUT OF SERVICE, ADVANCED NOTICE IS REQUIRED FOR THE ELECTRIC COMPANY TO COMPLETE SERVICE RELOCATION. THERE MAY BE A CHARGE FOR THIS WORK. FOR MORE INFORMATION ON SITE ARRANGEMENTS OR SAFETY IN A PARTICULAR AREA CALL F.K.E.C.
6. TWO FULL BUSINESS DAYS PRIOR TO DIGGING THE CONTRACTOR SHALL CALL SUNSHINE 811, AND THE UTILITY OWNER AND REQUEST UTILITY LOCATIONS. A CONTRACTOR'S REPRESENTATIVE MUST BE PRESENT WHEN UTILITY COMPANIES LOCATE THEIR FACILITIES.
7. ALL STAKING OF PROPOSED CONSTRUCTION TO ALLOW FOR PROPER INSTALLATION/RELOCATION OF UTILITY FACILITIES SHALL BE PERFORMED BY THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE IMPACTED UTILITIES AND STAKE THE ITEMS REQUIRED. THIS STAKING SHALL BE SEPARATE AND IN ADDITION TO THE NORMAL STAKING FOR THE PROJECT. THE COST OF THIS STAKING SHALL BE INCIDENTAL TO AND INCLUDED IN THE COST OF THE PROJECT.
8. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS LISTED BELOW THROUGH SUNSHINE ONE CALL OF FLORIDA, INC. (1-800-432-4770) TWO BUSINESS DAYS IN ADVANCE OF BEGINNING CONSTRUCTION ON THE JOB SITE
9. THE CONTRACTOR IS ADVISED THAT PROPERTIES ADJACENT TO THE PROJECT HAVE ELECTRIC, TELEPHONE, GAS, WATER AND/OR SEWER SERVICE LATERALS WHICH MAY NOT BE SHOWN IN PLANS. THE CONTRACTOR MUST REQUEST THE LOCATION OF THESE LATERAL. SERVICES FROM THE UTILITY COMPANIES. THE ADDITIONAL COST OF EXCAVATING, INSTALLING, BACK FILLING AND COMPACTING AROUND THESE LATERAL SERVICES MUST BE INCLUDED IN THE BID RELATED ITEMS FOR THE WORK BEING DONE.

COMPANY NAME

AT&T

COMCAST CABLE

FLORIDA KEYS AQUEDUCT AUTHORITY

FLORIDA KEYS ELECTRIC COOPERATIVE ASSOC.

KEY LARGO WASTEWATER TREATMENT DISTRICT

LANDSCAPE NOTES:

1. CERTIFICATIONS:  
THE LANDSCAPE CONTRACTOR SHALL BE PROPERLY REGISTERED WITH THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES DIVISION OF PLANT INDUSTRY AND BE A CERTIFIED LANDSCAPE CONTRACTOR BY THE FLORIDA NURSERY, GROWERS, AND LANDSCAPE ASSOCIATION AND BE A CERTIFIED ARBORIST BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE. SUBMIT CERTIFICATIONS PRIOR TO THE PRE-CONSTRUCTION MEETING.

2. ITEMIZED COSTS.  
  
PRIOR TO THE PRE-CONSTRUCTION MEETING, SUBMIT TO THE ENGINEER, THE COUNTY'S REPRESENTATIVE, AND THE DISTRICT'S LANDSCAPE ARCHITECT A UNIT COST BREAKDOWN FOR EVERY ITEM OF WORK INCLUDED FOR THIS PROJECT.


3. PLANT REMOVAL:  
  
ALL PLANTS TO BE REMOVED SHALL BE CLEARLY MARKED AND APPROVED BY THE ENGINEER, THE COUNTY'S REPRESENTATIVE. AND THE DISTRICT'S LANDSCAPE ARCHITECT PRIOR TO ANY REMOVAL OPERATIONS.

4. PLAN DEVIATIONS:  
  
THE ENGINEER, THE COUNTY'S REPRESENTATIVE, AND THE DISTRICT'S LANDSCAPE ARCHITECT SHALL APPROVE ANY DEVIATIONS FROM THE PLANS THAT MAY AFFECT THE DESIGN INTENT. INSTALL NO MATERIALS THAT WILL BLOCK OR CREATE CONFLICTS WITH SIGNS, BILLBOARDS, LIGHTS, OVERHEAD AND UNDERGROUND UTILITIES, ACCESS WAYS, GATES, FIRE HYDRANTS, FPL RIGHT TREE/RIGHT PLACE SETBACKS, FDOT MAINTENANCE RATING PROGRAM AND ANSI Z-133 UTILITY CLEARANCE REQUIREMENTS. INSTALL TREES, PALMS AND SHRUBS A MINIMUM OF 7 FEET FROM ANY FIRE PROTECTION EQUIPMENT OR DEVICES. IMMEDIATELY NOTIFY THE ENGINEER, THE COUNTY'S REPRESENTATIVE, AND THE DISTRICT'S LANDSCAPE ARCHITECT WHEN ANY OF THESE ISSUES ARE ENCOUNTERED.

5. SOIL BACKFILL MIXTURE:  
  
SOIL BACKFILL FOR THE INSTALLATION OF ALL PLANT MATERIALS SHALL BE A UNIFORM MIXTURE OF 25% DECOMPOSED COMPOST AND 75% EXISTING SITE SOIL, CLEANED FREE OF WEEDS AND ROCKS 1-1/2 INCH OR GREATER. PRIOR TO THE PRE- CONSTRUCTION MEETING, SUBMIT COMPOST MANUFACTURER'S CERTIFIED ANALYSIS TO THE ENGINEER, THE COUNTY'S REPRESENTATIVE, AND THE DISTRICT'S LANDSCAPE ARCHITECT FOR APPROVAL. THE CONTRACTOR SHALL PAY TO HAVE COMPOST TESTED IF REQUESTED BY THE ENGINEER, THE COUNTY'S REPRESENTATIVE, AND THE DISTRICT'S LANDSCAPE ARCHITECT.

6. WATERING:  
  
DURING PROJECT INSTALLATION AND THE 1 YEAR PLANT ESTABLISHMENT PERIOD, KEEP THE SOIL MOISTURE AT ALL PLANTING AREAS AT FIELD CAPACITY. IT IS THE CONTRACTORS RESPONSIBILITY FOR SUPPLYING WATER AND PAY FOR ANY FEES ASSOCIATED WITH WATER USE. SOIL MOISTURE LEVEL SHALL BE TAKEN FROM A 4 INCH DEEP EXCAVATION, AT WHICH POINT THE SOIL SHALL HOLD TOGETHER TO FORM A HAND CLUMP, TO BE CONSIDERED AT FIELD CAPACITY.

7. FERTILIZATION:  
  
FOR LARGE AND SMALL PLANTS, APPLY AN 8-2-12+4MG FERTILIZER INCLUDING ALL MICRONUTRIENTS. 100% OF

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THE (N) NITROGEN AND (K) POTASSIUM SHALL BE IN SLOW RELEASE FORM, APPLY AT A RATE OF 1.5 POUNDS OF ACTUAL FERTILIZER (NOT N) PER 100 SQUARE FEET, BEGIN FERTILIZATION AT INSTALLATION AND REPEAT EVERY 3 MONTHS THROUGHOUT THE 1 YEAR PLANT ESTABLISHMENT PERIOD. FOR RELOCATED MATERIAL, BEGIN FERTILIZATION THREE WEEKS AFTER RELOCATION. PRIOR TO THE PRE-CONSTRUCTION MEETING, SUBMIT FERTILIZER MANUFACTURER'S CERTIFIED ANALYSIS TO THE ENGINEER, THE COUNTY'S REPRESENTATIVE, AND THE DISTRICT'S LANDSCAPE ARCHITECT FOR APPROVAL.

8. PRUNING

PRUNING SHALL COMPLY WITH ANSI A300 AND THESE PLANS. A CERTIFIED ARBORIST SHALL OVERSEE ALL PRUNING OPERATIONS. TREE, PALM, SHRUB AND ROOT PRUNING IS REQUIRED DURING CONSTRUCTION AND DURING THE 1 YEAR ESTABLISHMENT PERIOD:

- A. TO REMOVE ALL CROSSING, DEFLECTING AND CIRCLING ROOTS.
- B. TO MAINTAIN FDOT MAINTENANCE RATING PROGRAM REQUIREMENTS AND MAST ARM CLEARANCE,
- C. TO MAINTAIN INDEX 546 HORIZONTAL AND VERTICAL CLEARANCES WITHIN THE LIMITS OF CLEAR SIGHT.
- D. TO MAINTAIN VISIBILITY OF SIGNS,
- E. WHERE NOTED IN THESE PLANS.

9. TREE PROTECTION BARRICADES:


ALL TREES AND PALMS ADJACENT TO CONSTRUCTION ACTIVITIES SHALL BE BARRICADED, UNLESS DESIGNATED TO BE REMOVED.

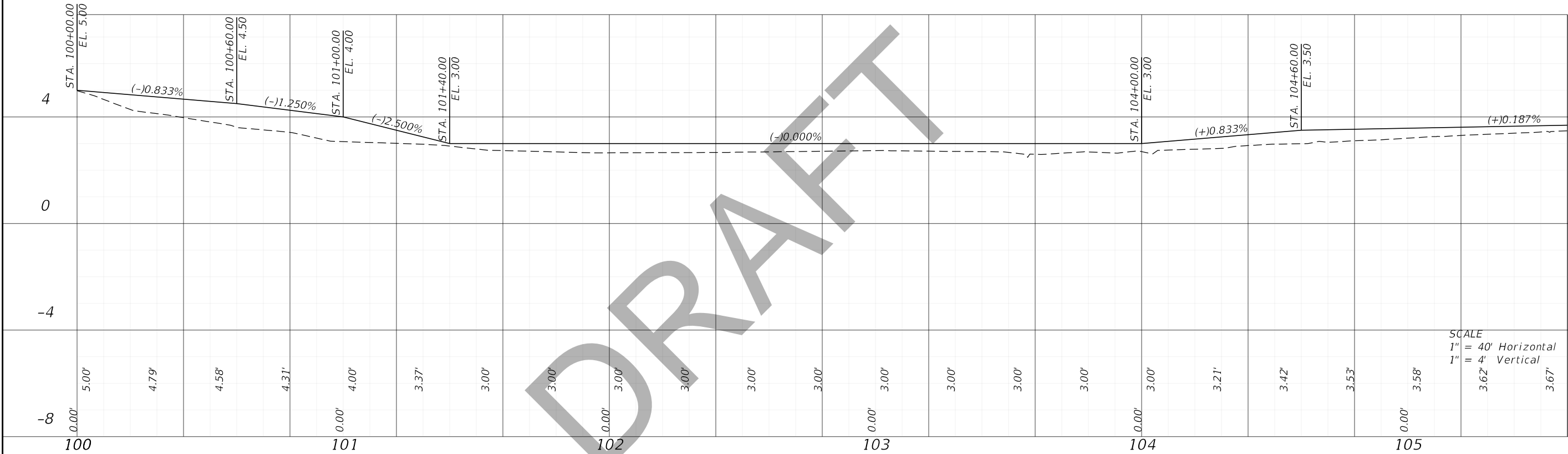
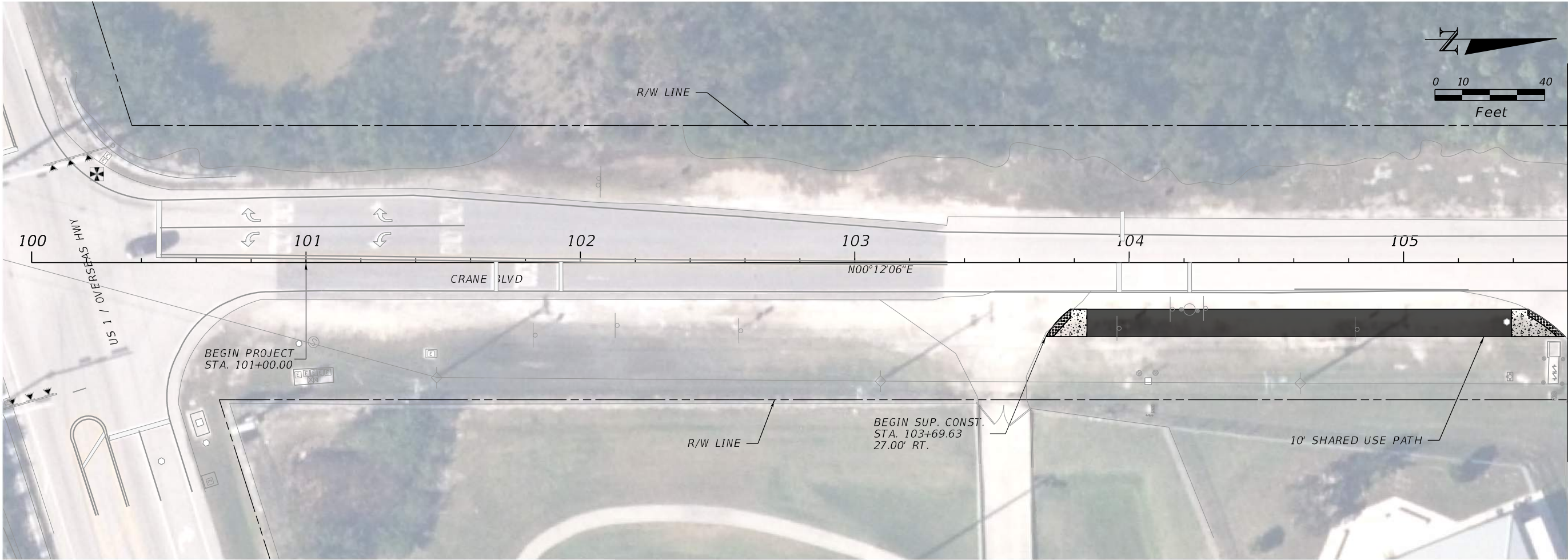
DROP OFFS:

- 1. FOR DROP OFFS, THE CONTRACTORS ATTENTION IS DIRECTED TO STANDARD PLANS INDEX NO. 102-000, SHEET 2 OF 8.

PEDESTRIANS, BICYCLES, AND WHEELCHAIRS:

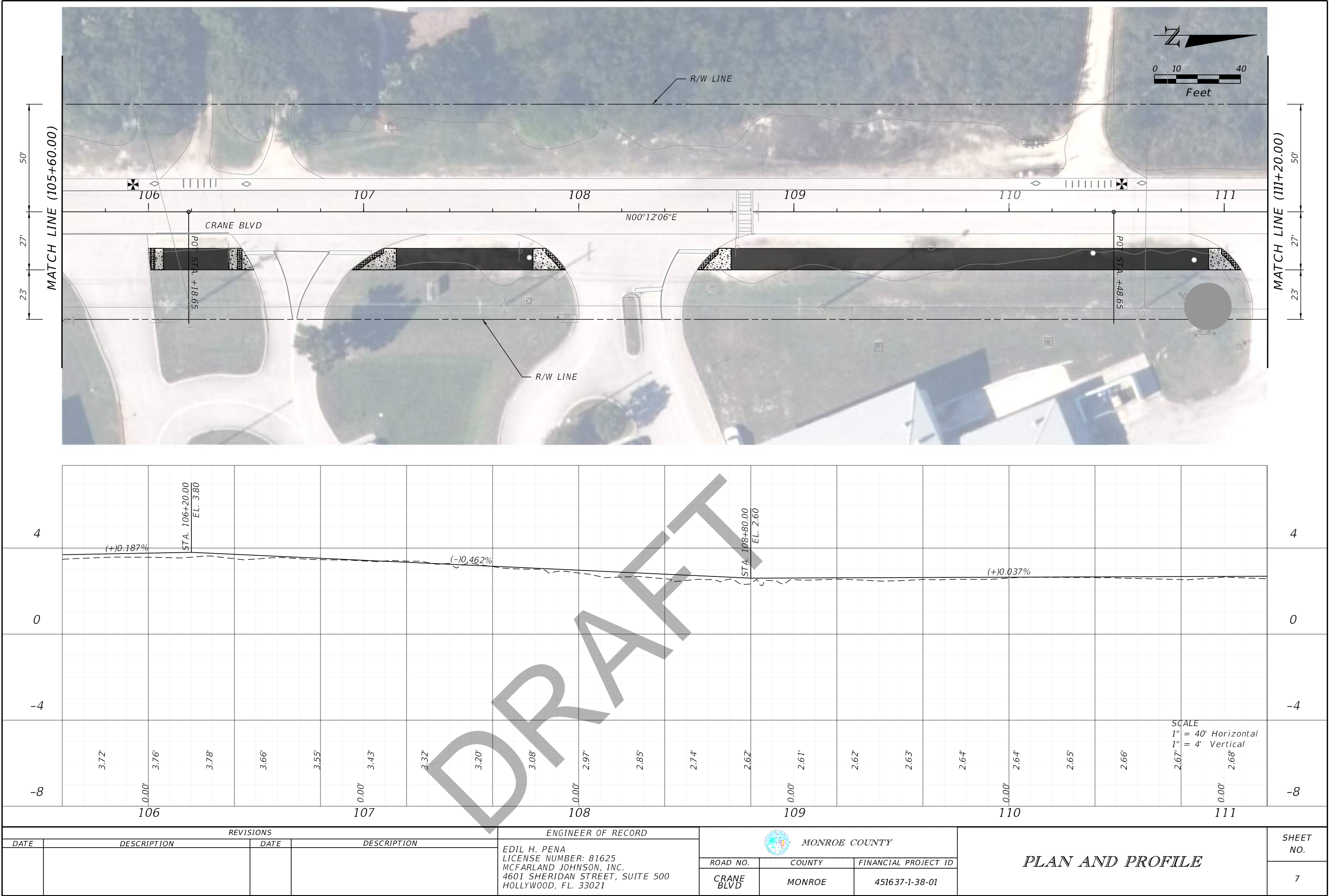
- 1. AT THE END OF EACH WORKDAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE, ANY DROP OFF GREATER THAN 10 IN ADJACENT TO THE PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAVEL PATHS SHALL BE BACKFILLED FALSH WITH THE SAID PATHS OR PROTECTED WITH TEMPORARY FENCE, CONCRETE BARRIER WALL OR APPROVED HANDRAIL. COST SHALL PAY ITEM 102-7, MAINTENANCE OF TRAFFIC

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REVISIONS				ENGINEER OF RECORD			MONROE COUNTY			PLAN AND PROFILE	SHEET NO. 6
DATE	DESCRIPTION	DATE	DESCRIPTION	EDIL H. PENA LICENSE NUMBER: 81625 MCFARLAND JOHNSON, INC. 4601 SHERIDAN STREET, SUITE 500 HOLLYWOOD, FL. 33021			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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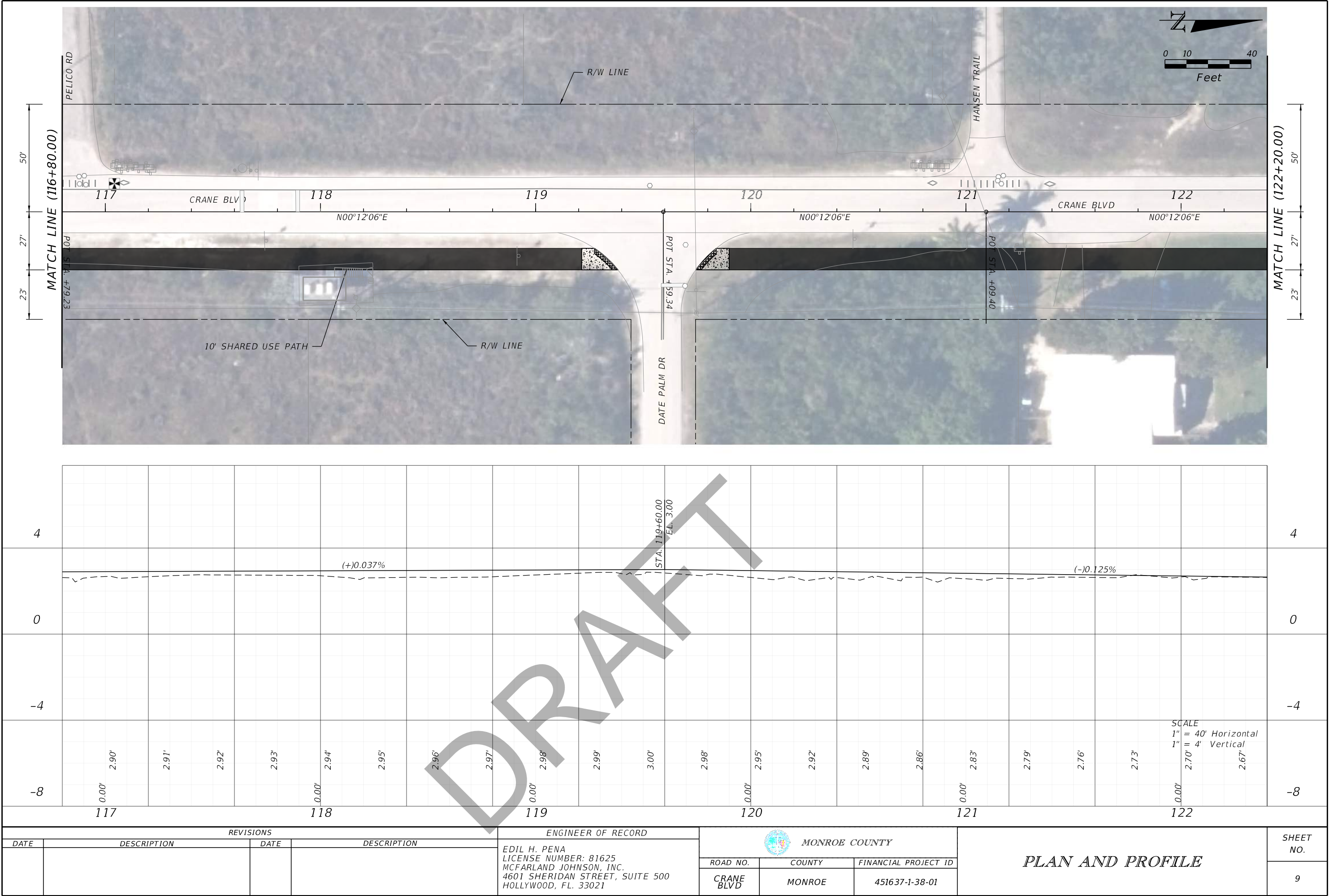
PLAN AND PROFILE

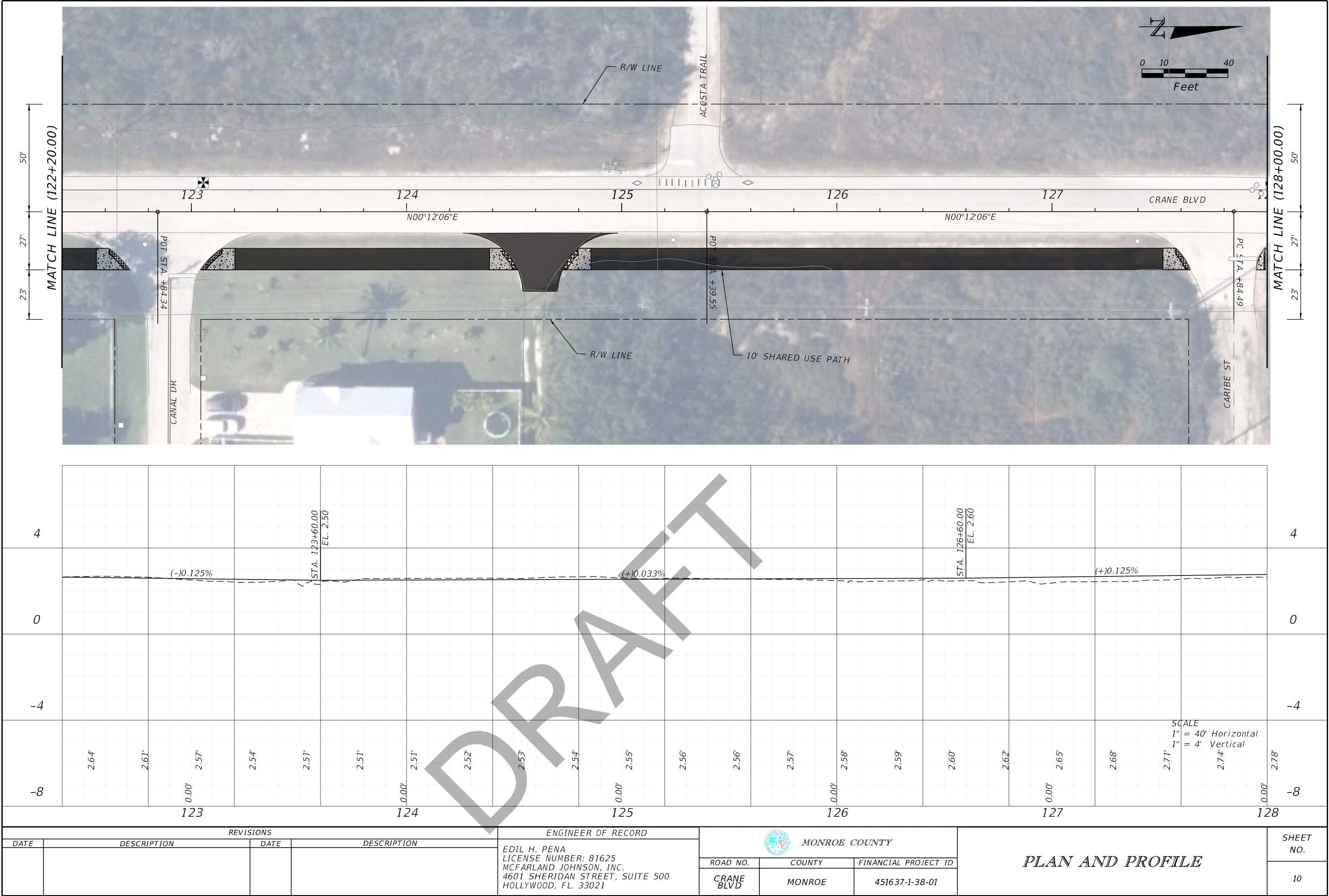
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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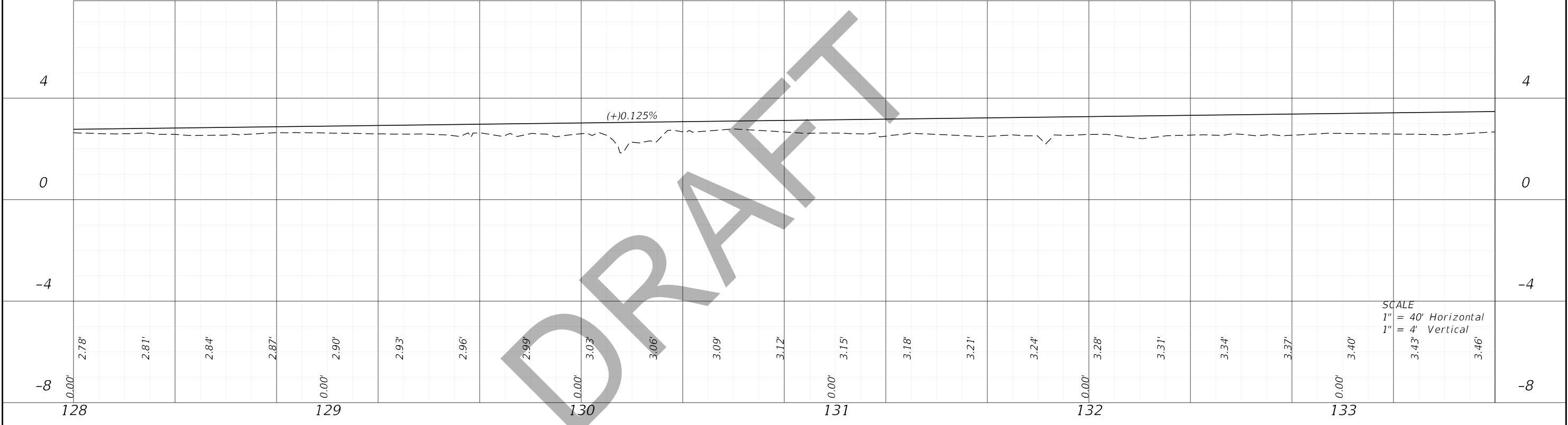
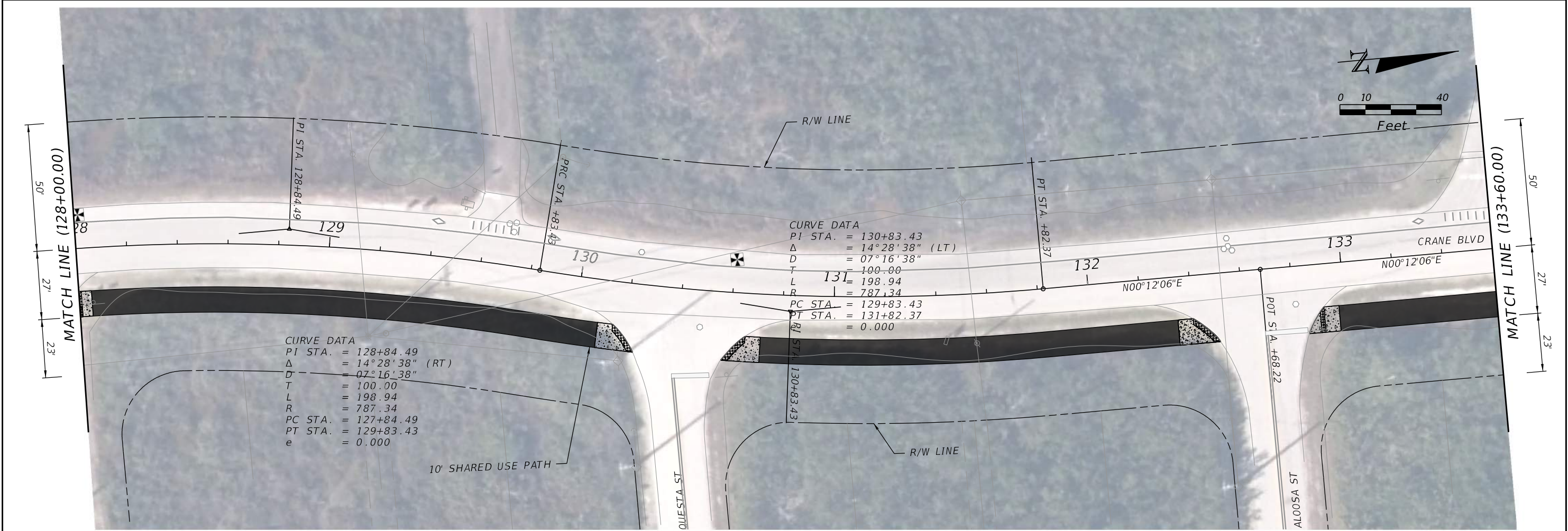




REVISIONS				ENGINEER OF RECORD			MONROE COUNTY			PLAN AND PROFILE	SHEET NO. 10
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							CRANE BLVD	MONROE	451637-1-38-01		

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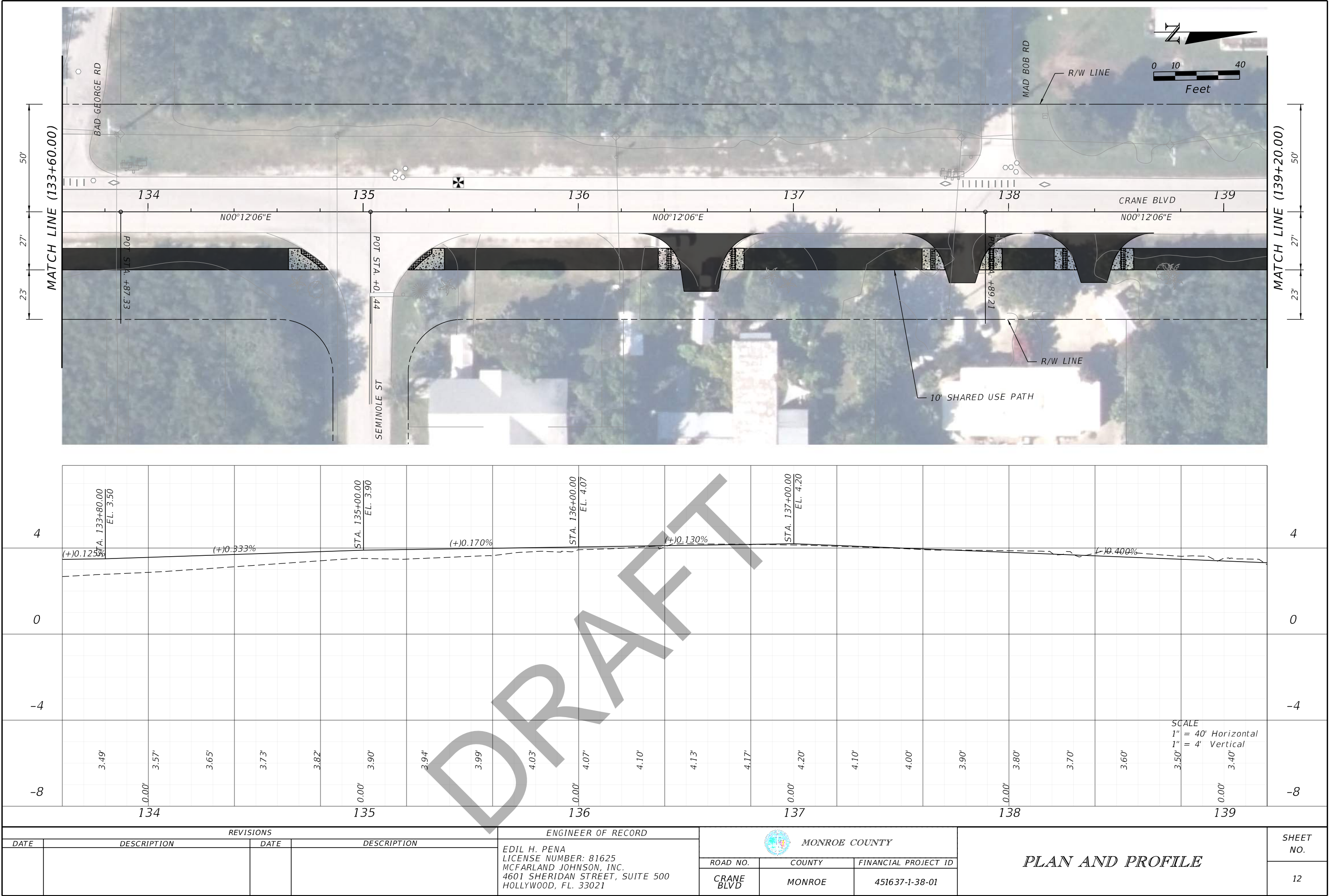




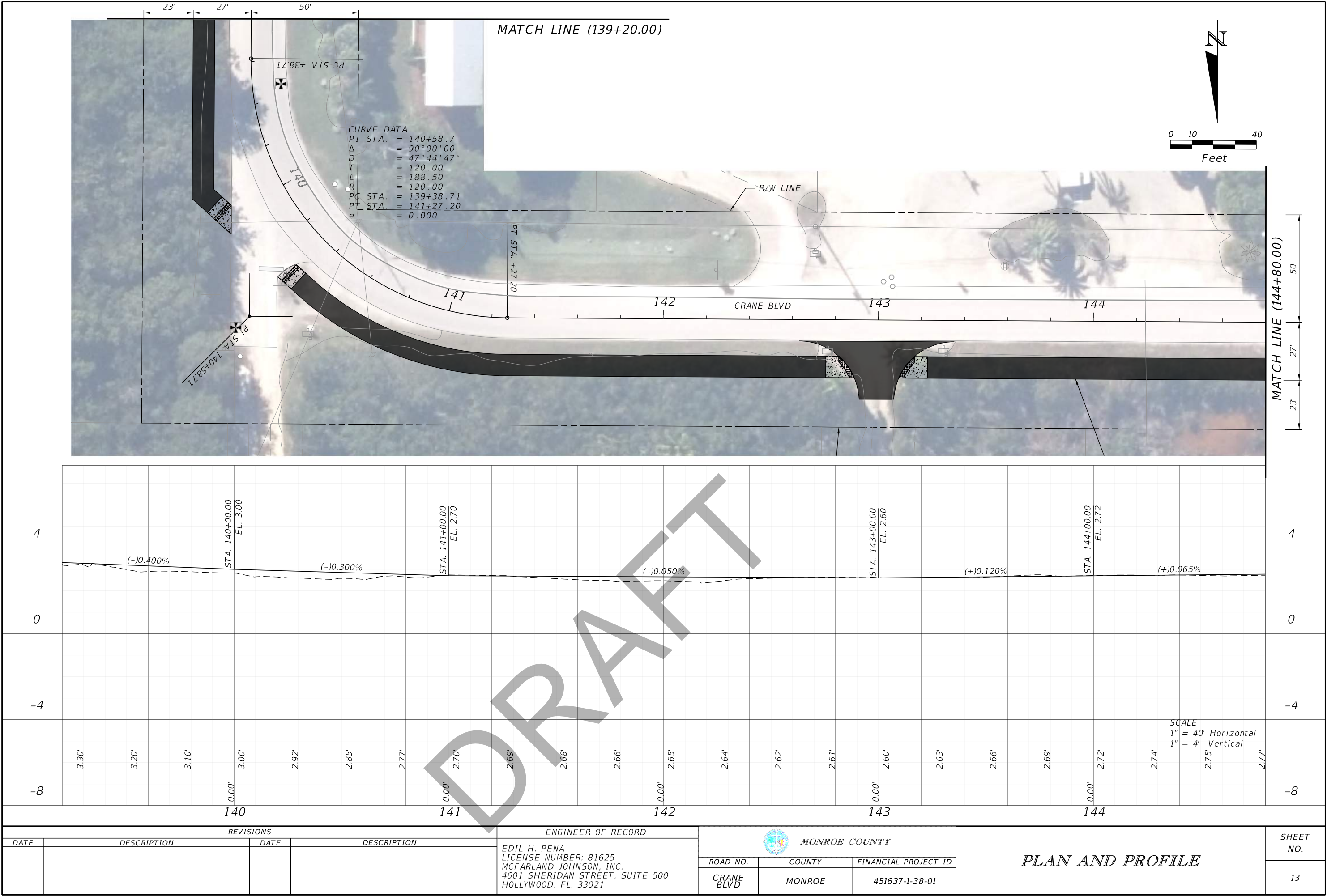
REVISIONS				ENGINEER OF RECORD			MONROE COUNTY			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	EDIL H. PENA LICENSE NUMBER: 81625 MCFARLAND JOHNSON, INC. 4601 SHERIDAN STREET, SUITE 500 HOLLYWOOD, FL. 33021			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							CRANE BLVD	MONROE	451637-1-38-01	

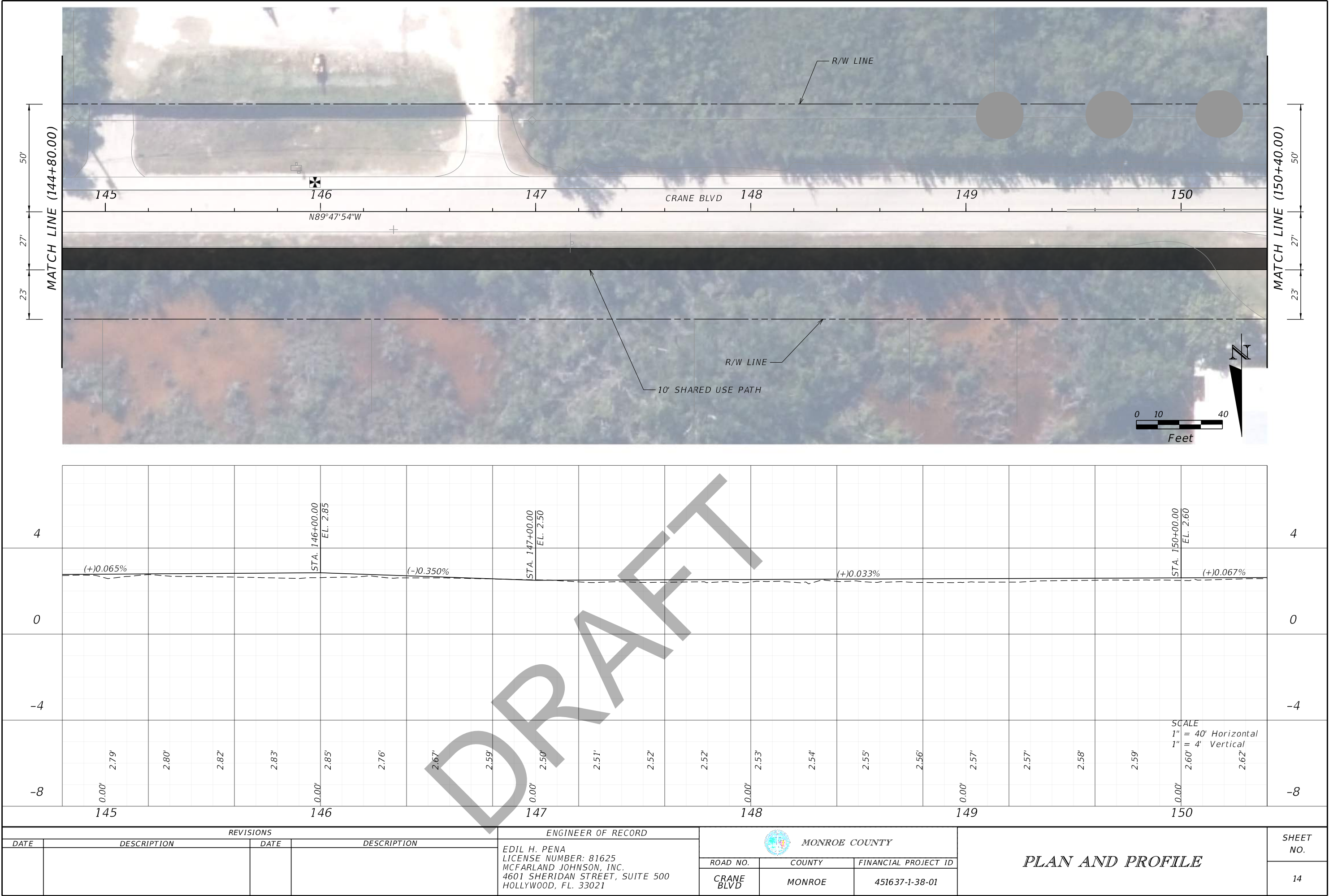
PLAN AND PROFILE

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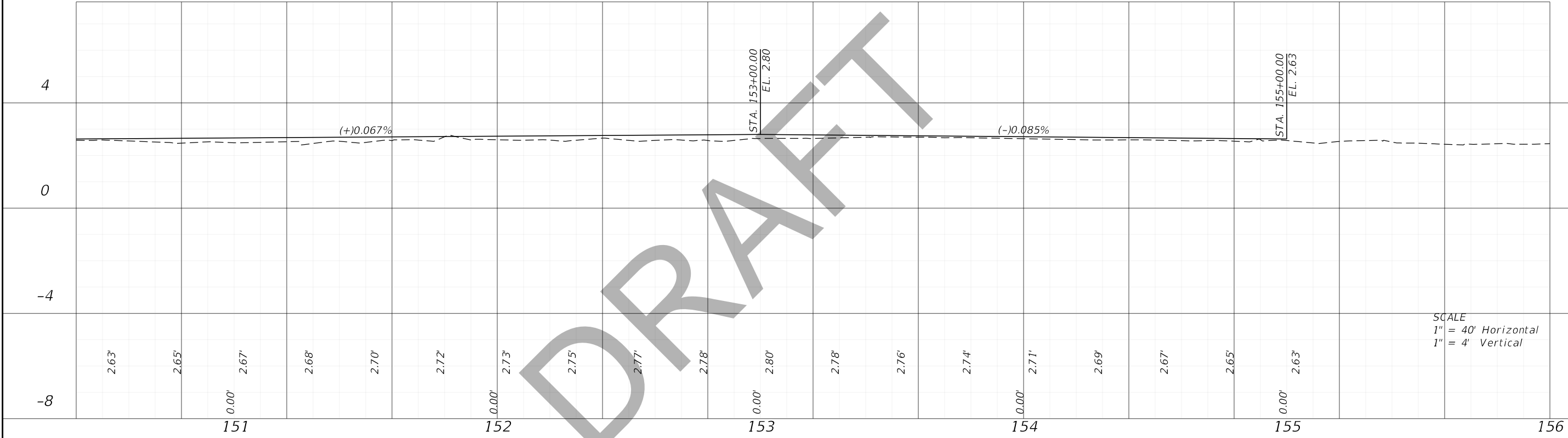
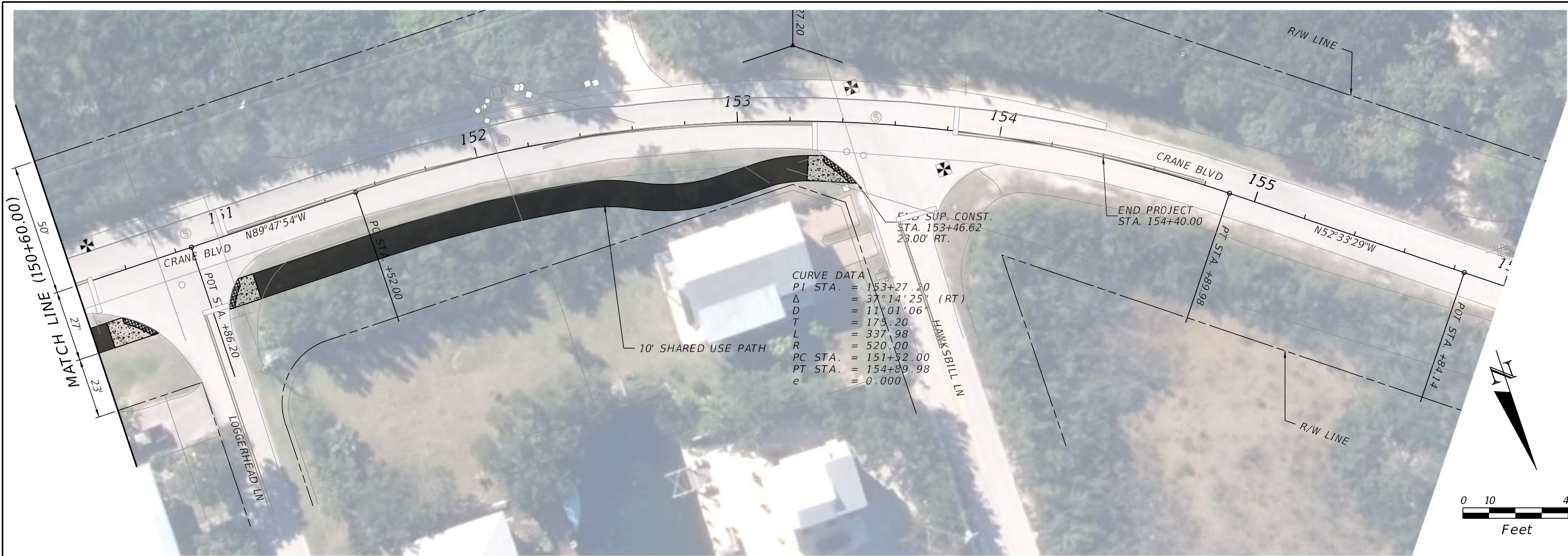












REVISIONS				ENGINEER OF RECORD			MONROE COUNTY			SHEET NO.
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PLAN AND PROFILE

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