

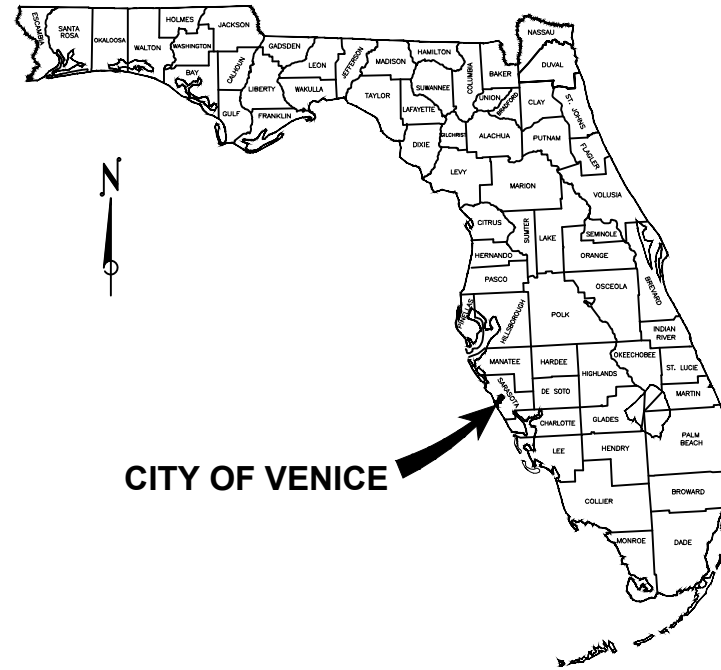
CONTRACT PLANS FOR CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS

CONTRACT PLANS COMPONENTS

- ROADWAY PLANS
- SIGNING & PAVEMENT MARKING PLANS
- LIGHTING PLANS (PHASE 1)
- LANDSCAPE & HARDSCAPE PLANS

INDEX OF LIGHTING PLANS

SHEET #	TITLE
LC001	COVER SHEET
LC001A	NOTES TO REVIEWERS
LC002 - LC003	TABULATION OF QUANTITIES
LC004	LIGHTING GENERAL NOTES
LC101 - LC114	PLAN SHEETS



CITY PROJECT #: 2017-03
 FDOT FINANCIAL PROJECT ID: 435092-1-58-01
 FDOT EDTF #: 439455-1-54-01
FEDERAL FUNDS

CITY of VENICE
 ENGINEERING DEPARTMENT
 401 WEST VENICE AVENUE
 Venice, Florida 34285
 ph: (941) 486-2626

MAYOR AND CITY COUNCIL

JOHN HOLIC MAYOR
 RICHARD CAUTERO..... VICE MAYOR
 BOB DANIELS COUNCIL MEMBER
 KIT McKEON..... COUNCIL MEMBER
 FRED FRAIZE COUNCIL MEMBER
 DEBORAH ANDERSON COUNCIL MEMBER
 JEANETTE GATES..... COUNCIL MEMBER

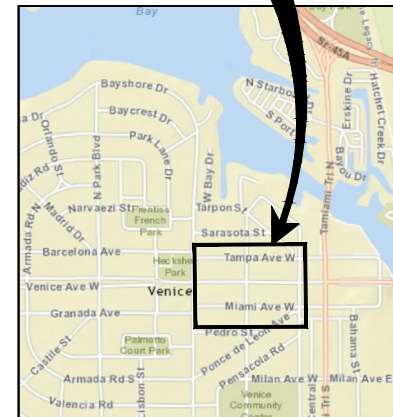
GOVERNING DESIGN STANDARDS:

Florida Department of Transportation, FY 2017-18 Design Standards eBook (DSeB) and applicable Design Standards Revisions (DSRs) at the following website:
<http://www.fdot.gov/roadway/DesignStandards/Standards.shtm>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, July 2017 Standard Specifications for Road and Bridge Construction at the following website:
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

PROJECT LOCATION



LOCATION MAP

PREPARED BY:

ATKINS
 PRINCIPAL ADDRESS:
 4030 W. BOY SCOUT BLVD.
 SUITE 700
 TAMPA, FL. 33607-1712
 FBPR CERT. OF AUTH. No. 24

60% PLANS
8-1-2017



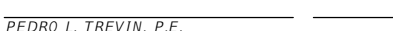


PROFESSIONAL ENGINEER
 PEDRO L. TREVIN
 LICENSE # 15309
 PHONE: 305-592-7275

60% NOTES TO REVIEWERS:

1. THE UTILITY INFORMATION SHOWN ON THE PLANS IS APPROXIMATE FROM MARKUPS FROM THE UTILITY OWNERS AND HAS NOT BEEN FIELD VERIFIED.
2. OVERHEAD AND UNDERGROUND ELECTRICAL LINES ARE NOT SHOWN.
3. THE ELECTRICAL SCOPE OF WORK FOR THE ROADWAY RECONSTRUCTION PROJECT IS THE FURNISHING AND INSTALLATION OF AN EMPTY CONDUIT SYSTEM INTERCONNECTED TO PULL BOXES INSTALLED ADJACENT TO EACH EXISTING LIGHT POLE AND ADDITIONAL PULL BOXES AT ROADWAY CROSSINGS. THE SCOPE OF WORK ALSO INCLUDES IN-ROADWAY LED PEDESTRIAN LIGHTING SYSTEM WITH PASSIVE PEDESTRIAN SENSORS. THIS SYSTEM WILL BE CONNECTED TO THE EXISTING POWER WIRING WITH TEMPORARY 480-120 VOLT STEPDOWN TRANSFORMERS. THE EXISTING LIGHT POLES AND THE EXISTING UNDERGROUND WIRING IS TO REMAIN FOR THIS CONSTRUCTION PHASE.
4. THE REPLACEMENT OF THE EXISTING LIGHT POLES AND LUMINAIRES WITH NEW ALUMINUM LIGHT POLES, NEW DECORATIVE LED LUMINAIRES AND NEW WIRING ON THE CONDUIT INSTALLED UNDER THIS CONSTRUCTION PHASE WILL BE DONE ON A FUTURE CONSTRUCTION PHASE PROJECT.
5. ROADWAY LIGHTING - THE EXISTING ROADWAY LIGHT POLES ARE PROPOSED TO BE REMOVED AND REPLACED IN A FUTURE PROJECT. THIS PROJECT INCLUDES THE INSTALLATION OF NEW CONDUIT AND PULL-BOXES FOR THE FUTURE PROJECT.
6. LANDSCAPING IRRIGATION - THE CITY DESIRES TO HAVE IRRIGATION PROVIDED ALONG W VENICE AVE IN BOTH THE MEDIANS AS WELL AS NEAR THE SIDEWALKS AND IS CONSIDERING THE USE OF LIGHT POLES THAT FACILITATE IRRIGATION FOR HANGING BASKETS/PLANTINGS. IT IS UNKNOWN AT THIS TIME IF THIS FEATURE WILL BE IMPLEMENTED WHICH WOULD IMPACT THE FUTURE LIGHT POLE TYPE TO BE UTILIZED.



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DESIGNED	.PLT			PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: LIGHTING PLANS NOTES TO REVIEWERS	APPROVED BY:  PEDRO L. TREVIN, P.E. FLA. REG. NO 15309 ATKINS NORTH AMERICA (FBPR CA No.24) 2001 NORTHWEST 107TH AVENUE MIAMI, FL 33172-2507	DATE:	8/1/2017
DRAWN	.AR						PROJECT NO.:	100054389
CHECKED	.PLT						SHEET:	LC001A NTR
REV. NO.	DATE	DESCRIPTION						

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																				TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET
			LC101		LC102		LC103		LC104		LC105		LC106		LC107		LC108		LC109		LC110		PLAN	FINAL	PLAN	FINAL	
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL							
630-2-11	CONDUIT, F&I, OPEN TRENCH	LF	1225		1035		675		1180		1110		795		1230		1045		870		345		9510				
630-2-12	CONDUIT, F&I, DIRECTIONAL BORE	LF			320		300		40		140		330				170		190				1490				
635-2-11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	16		27		18		19		20		17		16		26		14		5		178				
639-1-121	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER COMPANY	AS																									
639-2-1	ELECTRICAL SERVICE WIRE, F&I	LF																									
639-3-11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA																									
715-1-12	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 8 TO NO. 6	LF																									
715-1-13	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 4 TO NO. 2	LF																									
715-1-60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF																									
715-7-11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA																									
715-7-41	LOAD CENTER, REMOVE, SECONDARY VOLTAGE	EA																									
715-500-1	LIGHT POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL	EA																									
715-512-125	LIGHT POLE COMPLETE - SPECIAL DESIGN, F&I, DOUBLE ARM SHOULDER MOUNT, ALUMINUM 25'	EA																									
715-550-000	LIGHT POLE COMPLETE - SPECIAL DESIGN, REMOVE	EA																									
654-1-10	IN-ROADWAY LIGHT ASSEMBLY, F&I, AC POWERED, COMPLETE ASSEMBLY	AS	2		2				2		2				2		4						14				

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DESIGNED	PLT		PREPARED BY:		PROJECT:	CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION:	VENICE AVE. PLAN STA.200+40 TO STA.212+40 NEW PULL BOX AND CONDUIT	APPROVED BY:	PEDRO L. TREVIN, P.E. FLA. REG. NO 15309 ATKINS NORTH AMERICA (FBPR CA No.24) 2001 NORTHWEST 107TH AVENUE MIAMI, FL 33172-2507	DATE:	8/1/2017
DRAWN	AR		PREPARED FOR:		DESCRIPTION:		PROJECT NO.:		100054389			
CHECKED	PLT		DESCRIPTION:		SHEET:		LC002 TABQ					

REV. NO.	DATE	DESCRIPTION

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																		TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET
			LC111		LC112		LC113		LC114																
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	
630-2-11	CONDUIT, F&I, OPEN TRENCH	LF	540		655		945		10													2150		11660	
630-2-12	CONDUIT, F&I, DIRECTIONAL BORE	LF			90		65															155		1645	
635-2-11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	7		7		11		1													26		204	
639-1-121	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER COMPANY	AS																							
639-2-1	ELECTRICAL SERVICE WIRE, F&I	LF																							
639-3-11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA																							
715-1-12	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 8 TO NO. 6	LF																							
715-1-13	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 4 TO NO. 2	LF																							
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715-512-125	LIGHT POLE COMPLETE - SPECIAL DESIGN, F&I, DOUBLE ARM SHOULDER MOUNT, ALUMINUM 25'	EA																							
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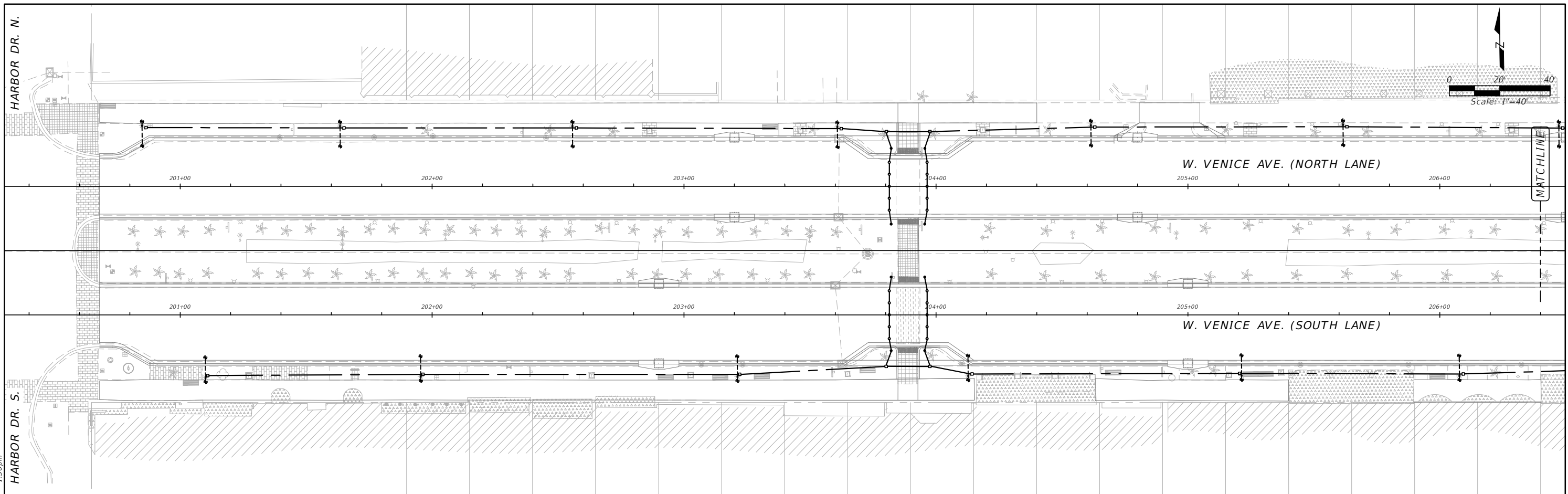
DESIGNED	PLT		PREPARED BY:		PROJECT:	CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION:	VENICE AVE. PLAN STA.200+40 TO STA.212+40 NEW PULL BOX AND CONDUIT	APPROVED BY:	PEDRO L. TREVIN, P.E. FLA. REG. NO 15309 ATKINS NORTH AMERICA (FBPR CA No.24) 2001 NORTHWEST 107TH AVENUE MIAMI, FL 33172-2507	DATE:	8/1/2017
DRAWN	AR		PREPARED FOR:		PROJECT:		DESCRIPTION:		APPROVED BY:		PROJECT NO.:	100054389
CHECKED	PLT		PREPARED FOR:		PROJECT:		DESCRIPTION:		APPROVED BY:		SHEET:	LC003 TABQ
REV. NO.	DATE	DESCRIPTION										

LIGHTING GENERAL NOTES

1. SPARE CONDUIT SHALL BE PLACED AT ALL PAVEMENT CROSSINGS, SPARE CONDUIT SHALL BE TERMINATED AT PULL BOXES, SHALL BE CAPPED AND SEALED AT BOTH ENDS.
2. PRIOR TO ANY EQUIPMENT ORDER, SUBMIT FOR APPROVAL EQUIPMENT SPECIFICATION OR DESIGN DATA FOR ALL MATERIAL PROPOSED FOR THE PROJECT.
3. UTILITY OWNERS:
FOR UTILITY OWNERS SEE ROADWAY PLANS
4. THE LOCATIONS OF EXISTING UTILITIES, AS SHOWN ON THESE PLANS, ARE APPROXIMATE AND BASED ON THE INFORMATION FURNISHED TO THE ENGINEER BY THE UTILITY OWNER(S) AND ARE SHOWN AS NOTICE THAT UNDERGROUND UTILITIES EXIST. NOTIFY THE UTILITY COMPANY OWNER(S) FOR LOCATION AND STAKING OF UNDERGROUND FACILITIES BEFORE EXCAVATING.
5. STATE OF FLORIDA STATUTE 556 (2008) REQUIRES THAT BEFORE EXCAVATING, NOTICE BE GIVEN TO THE SUNSHINE STATE ONE CALL OF FLORIDA, INC. (SSOCOF) A MINIMUM OF TWO (2) FULL BUSINESS DAYS AT 1-800-432-4770. NOT ALL UTILITY COMPANIES ARE MEMBERS OF SSOCOF.
6. THE LOCATION OF CONDUITS AND PULL BOXES ARE DIAGRAMMATIC ONLY AND MAY BE SHIFTED BY THE ENGINEER TO ACCOMMODATE LOCAL CONDITIONS AND EXISTING UTILITY LOCATIONS.
7. ALL ELECTRICAL WORK SHALL MEET ALL REQUIREMENTS OF THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), THE NATIONAL ELECTRICAL SAFETY CODE (NEC) AND THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
8. NOTIFY FPL AT LEAST 48 HOURS PRIOR TO ANY INSTALLATION THAT IS WITHIN 20 FEET OF ENERGIZED ELECTRICAL CONDUCTORS. FPL AT IT'S OPTION, SHALL ASSIST THE CONTRACTOR, COVER UP ENERGIZED CONDUCTORS AT INSTALLATION SITE, OR TAKE OTHER SAFETY PRECAUTIONS AS NECESSARY. EXTREME CAUTION SHALL BE EXERCISED AT ALL TIMES IN PERFORMANCE OF WORK AROUND THE PRIMARY HIGH VOLTAGE COMPONENTS.
9. ALL CONDUITS UNDER ROADWAY (AND/OR SIDEWALK) SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF ROADWAY BASE AND SURFACE (OR CONCRETE), EXCEPT WHERE OTHERWISE INDICATED IN THE PLANS.
10. DIRECTIONAL BORE OPERATIONS, IF USED, SHALL MEET THE REQUIREMENTS OF THE FDOT UTILITY ACCOMMODATION MANUAL (LATEST EDITION).
11. AT LOCATIONS WHERE UNDERGROUND UTILITIES ARE WITHIN TWO FEET OF THE CONDUIT RUNS, AS DETERMINED BY THE ENGINEER, HAND DIG THE FIRST FOUR FEET OF THE HOLE FOR THE CONDUIT RUN.
12. ALL CONDUIT TRENCHES SHALL BE BACKFILLED COMPLETELY TO PROVIDE SAFE CROSSING BY THE END OF EACH WORKING DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE. DO NOT OPEN ANY AREA THAT CAN NOT BE BACKFILLED IN THE SAME WORK PERIOD.
13. ATTENTION IS DIRECTED TO THE PROVISIONS THAT REQUIRES THE PREPARATION AND APPROVAL OF AN EROSION CONTROL PLAN THAT ADDRESSES PREVENTION, CONTROL AND ABATEMENT OF WATER POLLUTION.
14. MAINTAIN ACCESS TO ALL SIDE STREETS, PRIVATE AND COMMERCIAL DRIVEWAYS AT ALL TIMES DURING THE CONSTRUCTION OPERATION.
15. CONDUIT LOCATIONS AS SHOWN ON THE PLANS ARE DIAGRAMMATIC. CONDUIT MUST BE PLACED WITHIN THE RIGHT-OF-WAY BUT CAN BE ADJUSTED TO FIT AROUND THE EXISTING AND PROPOSED UTILITIES. WHERE PLANNED LOCATION OF LIGHTING CONDUIT RUNS 36" UNDER PAVEMENT IS FOUND TO CONFLICT WITH UNDERGROUND UTILITIES, THE LIGHTING CONDUIT POSITION SHALL BE ALTERED VERTICALLY OR HORIZONTALLY TO AVOID THE CONFLICT AS RECOMMENDED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. A 24" ABSOLUTE MINIMUM DEPTH SHALL BE MAINTAINED WHERE LIGHTING CONDUITS ARE RELOCATED CLOSER THAN 36" BELOW THE GROUND SURFACE AND SHALL BE PLACED IN AN ADDITIONAL 3" PVC SLEEVE OR BACKFILLED WITH A MIN. OF 4" x 4" OF CONCRETE. COST OF SUCH TREATMENT WILL BE INCIDENTAL TO PAY ITEMS PROVIDED.
16. PREPARE ACCURATELY DIMENSIONED "AS BUILT" PLANS OF FINAL CONDUIT LOCATIONS. "AS-BUILT" PLANS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO FINAL ACCEPTANCE. AFTER THE "AS BUILT" PLANS ARE APPROVED, SUBMIT TWO COPIES TO THE RESIDENT ENGINEER AND ONE COPY TO THE MAINTENANCE. COST OF SUCH PREPARATION SHALL BE INCIDENTAL TO PAY ITEMS PROVIDED.
17. ALL CONDUITS SHALL BE MANDREL TESTED AND CLEANED. EMPTY CONDUIT PLACED FOR FUTURE USE SHALL HAVE 1/4" POLYESTER CORD PULLED IN PLACE AND CAPPED, WITH NOTATION INSIDE CONDUIT AS TO LOCATION OF OPPOSITE END. PLACE PULL BOXES TO MARK ENDS OF EMPTY CONDUITS.
18. COORDINATE THE TRENCHING FOR THE NEW UNDERGROUND CONDUIT WITH EXISTING UNDERGROUND UTILITIES AND EXISTING PAVERS TO REMAIN, DIRECTIONAL BORE OPERATION MAY BE REQUIRED TO AVOID DAMAGE.

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DESIGNED	PLT			PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: VENICE AVE. PLAN STA.200+40 TO STA.212+40 NEW PULL BOX AND CONDUIT	APPROVED BY:  PEDRO L. TREVIN, P.E. FLA. REG. NO 15309 ATKINS NORTH AMERICA (FBPR CA No.24) 2001 NORTHWEST 107TH AVENUE MIAMI, FL 33172-2507	DATE:	8/1/2017
DRAWN	AR						PROJECT NO.:	100054389
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REV. NO.	DATE	DESCRIPTION						



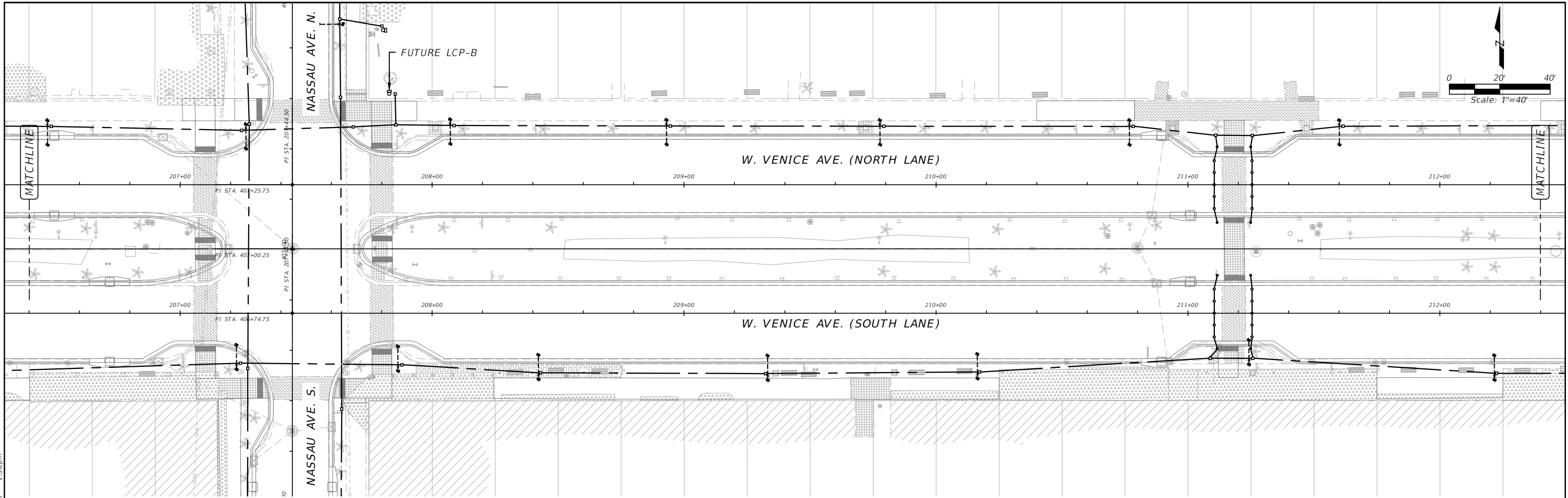
SYMBOL LEGEND

- EXISTING TEARDROP AND PEDESTRIAN LUMINAIRE TO REMAIN.
- MOTION SENSOR TO ACTIVATE IN-PAVEMENT LUMINAIRES.
- IN-PAVEMENT YELLOW LED LUMINAIRE
- NEW PULL BOX. PULL BOXES SHALL BE INSTALLED ADJACENT TO EACH LIGHT POLE. PULL BOXES ARE REQUIRED AT BOTH ENDS OF CONDUIT AT ROADWAY CROSSINGS AND AS NECESSARY FOR COMPLETION OF THE PROJECT.
- NEW 2" SCHEDULE 40 PVC CONDUIT WITH PULL WIRES.
- NEW (2) 2" (HDPE) CONDUITS DIRECTIONAL BORED UNDER PAVEMENT AT ROAD CROSSINGS WITH PULL WIRES. EXTEND CONDUIT BEYOND EDGE OF PAVEMENT TO PULL BOXES. CONDUIT AND TRANSITION COUPLING SHALL BE UL LISTED.

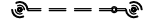



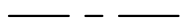

THE ELECTRICAL SCOPE OF WORK FOR THE ROADWAY RECONSTRUCTION PROJECT IS THE FURNISHING AND INSTALLATION OF AN EMPTY CONDUIT SYSTEM INTERCONNECTED TO PULL BOXES INSTALLED ADJACENT TO EACH EXISTING LIGHT POLE AND ADDITIONAL PULL BOXES AT ROADWAY CROSSINGS. THE SCOPE OF WORK ALSO INCLUDES IN-ROADWAY LED PEDESTRIAN LIGHTING SYSTEM WITH PASSIVE PEDESTRIAN SENSORS. THIS SYSTEM WILL BE CONNECTED TO THE EXISTING POWER WIRING WITH TEMPORARY 480-120 VOLT STEPDOWN TRANSFORMERS. THE EXISTING LIGHT POLES AND THE EXISTING UNDERGROUND WIRING IS TO REMAIN FOR THIS CONSTRUCTION PHASE.

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DESIGNED	PLT			PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: VENICE AVE. PLAN STA.200+40 TO STA.206+40 NEW PULL BOX AND CONDUIT	APPROVED BY: PEDRO L. TREVIN, P.E. FLA. REG. NO 15309 ATKINS NORTH AMERICA (FBPR CA No.24) 2001 NORTHWEST 107TH AVENUE MIAMI, FL 33172-2507	DATE:	8/1/2017
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REV. NO.	DATE	DESCRIPTION						






SYMBOL LEGEND

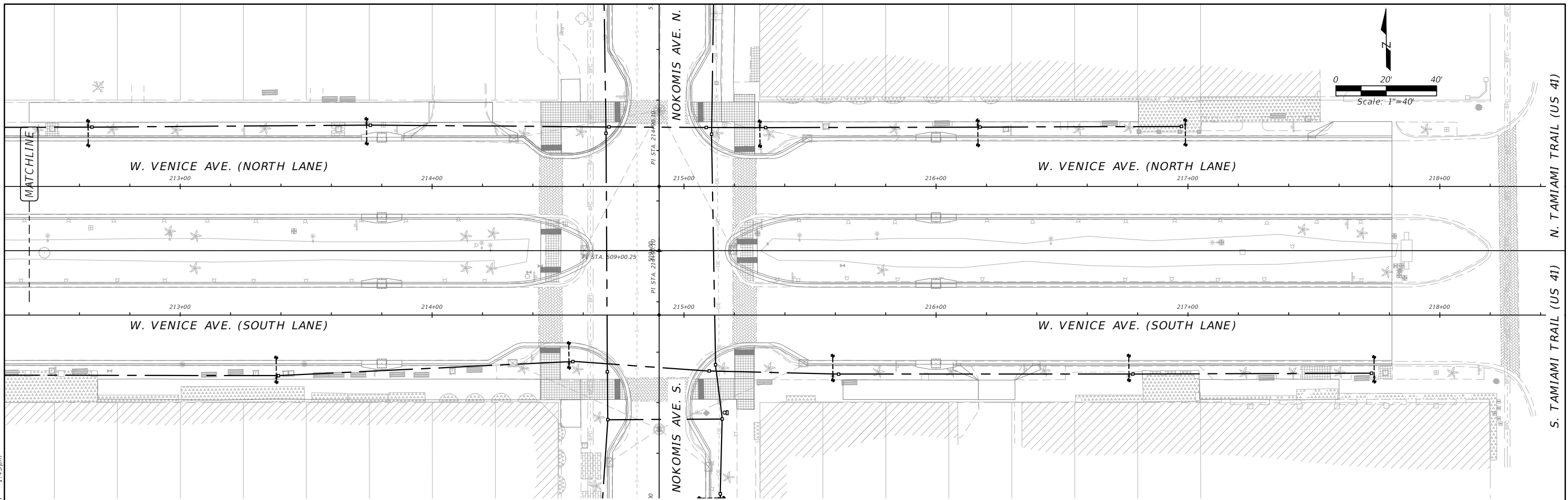
-  EXISTING TEARDROP AND PEDESTRIAN LUMINAIRE TO REMAIN.
-  MOTION SENSOR TO ACTIVATE IN-PAVEMENT LUMINAIRES.
-  IN-PAVEMENT YELLOW LED LUMINAIRE
-  NEW PULL BOX. PULL BOXES SHALL BE INSTALLED ADJACENT TO EACH LIGHT POLE. PULL BOXES ARE REQUIRED AT BOTH ENDS OF CONDUIT AT ROADWAY CROSSINGS AND AS NECESSARY FOR COMPLETION OF THE PROJECT.
-  NEW 2" SCHEDULE 40 PVC CONDUIT WITH PULL WIRES.
-  NEW (2) 2" (HDPE) CONDUITS DIRECTIONAL BORED UNDER PAVEMENT AT ROAD CROSSINGS WITH PULL WIRES. EXTEND CONDUIT BEYOND EDGE OF PAVEMENT TO PULL BOXES. CONDUIT AND TRANSITION COUPLING SHALL BE UL LISTED.

THE ELECTRICAL SCOPE OF WORK FOR THE ROADWAY RECONSTRUCTION PROJECT IS THE FURNISHING AND INSTALLATION OF AN EMPTY CONDUIT SYSTEM INTERCONNECTED TO PULL BOXES INSTALLED ADJACENT TO EACH EXISTING LIGHT POLE AND ADDITIONAL PULL BOXES AT ROADWAY CROSSINGS. THE SCOPE OF WORK ALSO INCLUDES IN-ROADWAY LED PEDESTRIAN LIGHTING SYSTEM WITH PASSIVE PEDESTRIAN SENSORS. THIS SYSTEM WILL BE CONNECTED TO THE EXISTING POWER WIRING WITH TEMPORARY 480-120 VOLT STEPDOWN TRANSFORMERS. THE EXISTING LIGHT POLES AND THE EXISTING UNDERGROUND WIRING IS TO REMAIN FOR THIS CONSTRUCTION PHASE.

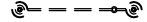



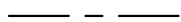

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			DESIGNED <u>PLT</u> DRAWN <u>AR</u> CHECKED <u>PLT</u>	PREPARED FOR: 	PREPARED BY: 	PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: VENICE AVE. PLAN STA.206+40 TO STA.212+40 NEW PULL BOX AND CONDUIT	APPROVED BY:  PEDRO L. TREVIN, P.E. FLA. REG. NO 15309 ATKINS NORTH AMERICA (FBPR CA No.24) 2001 NORTHWEST 107TH AVENUE MIAMI, FL 33172-2507	DATE: 8/1/2017 PROJECT NO.: 100054389 SHEET: LC102 VENICE
REV. NO.	DATE	DESCRIPTION							



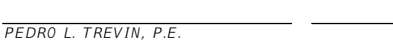
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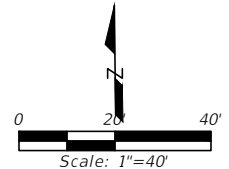
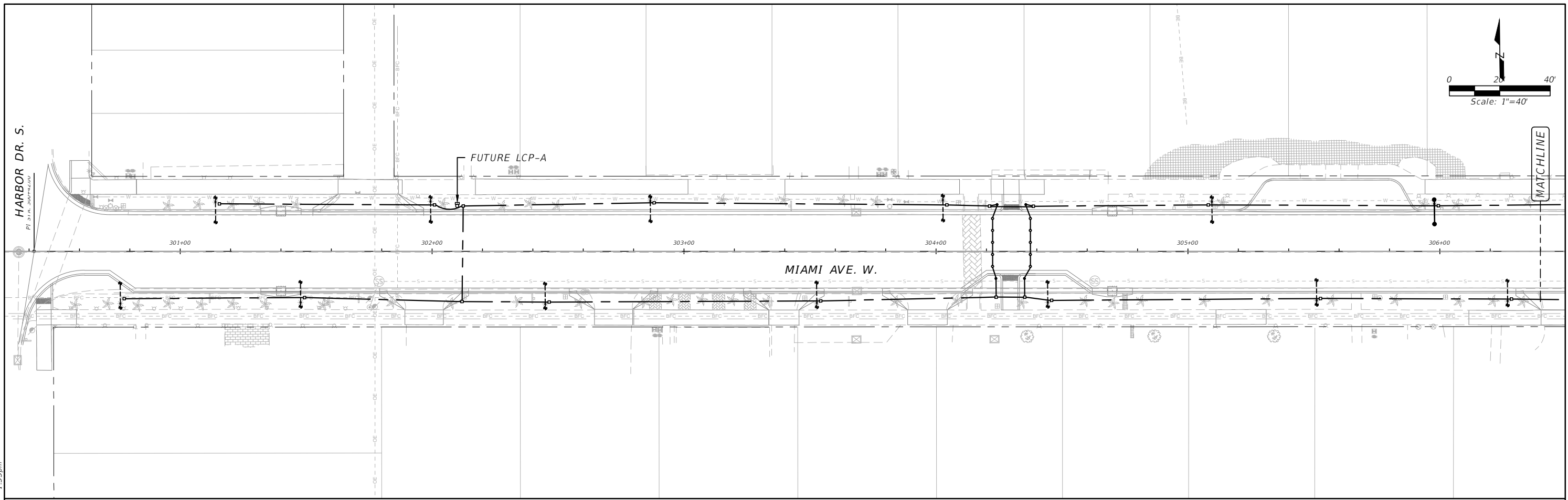
SYMBOL LEGEND

-  EXISTING TEARDROP AND PEDESTRIAN LUMINAIRE TO REMAIN.
-  MOTION SENSOR TO ACTIVATE IN-PAVEMENT LUMINAIRES.
-  IN-PAVEMENT YELLOW LED LUMINAIRE
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-  NEW 2" SCHEDULE 40 PVC CONDUIT WITH PULL WIRES.
-  NEW (2) 2" (HDPE) CONDUITS DIRECTIONAL BORED UNDER PAVEMENT AT ROAD CROSSINGS WITH PULL WIRES. EXTEND CONDUIT BEYOND EDGE OF PAVEMENT TO PULL BOXES. CONDUIT AND TRANSITION COUPLING SHALL BE UL LISTED.

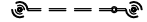



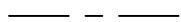

THE ELECTRICAL SCOPE OF WORK FOR THE ROADWAY RECONSTRUCTION PROJECT IS THE FURNISHING AND INSTALLATION OF AN EMPTY CONDUIT SYSTEM INTERCONNECTED TO PULL BOXES INSTALLED ADJACENT TO EACH EXISTING LIGHT POLE AND ADDITIONAL PULL BOXES AT ROADWAY CROSSINGS. THE SCOPE OF WORK ALSO INCLUDES IN-ROADWAY LED PEDESTRIAN LIGHTING SYSTEM WITH PASSIVE PEDESTRIAN SENSORS. THIS SYSTEM WILL BE CONNECTED TO THE EXISTING POWER WIRING WITH TEMPORARY 480-120 VOLT STEPDOWN TRANSFORMERS. THE EXISTING LIGHT POLES AND THE EXISTING UNDERGROUND WIRING IS TO REMAIN FOR THIS CONSTRUCTION PHASE.

DESIGNED	PLT					PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS		DESCRIPTION: VENICE AVE. PLAN STA.212+40 TO STA.218+40 NEW PULL BOX AND CONDUIT		APPROVED BY:  PEDRO L. TREVIN, P.E. FLA. REG. NO 15309 ATKINS NORTH AMERICA (FBPR CA No.24) 2001 NORTHWEST 107TH AVENUE MIAMI, FL 33172-2507	DATE: 8/1/2017 PROJECT NO.: 100054389 SHEET: LC103 VENICE
DRAWN	AR										
CHECKED	PLT										
REV. NO.	DATE	DESCRIPTION									




G:\BLDGS\COMMON\ROADWAY\City of Venice\Lighting\LC104-106 MIAMI.dwg, Aug 01, 2017 - 1:55pm

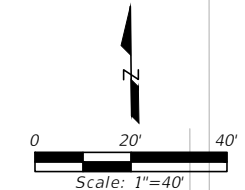
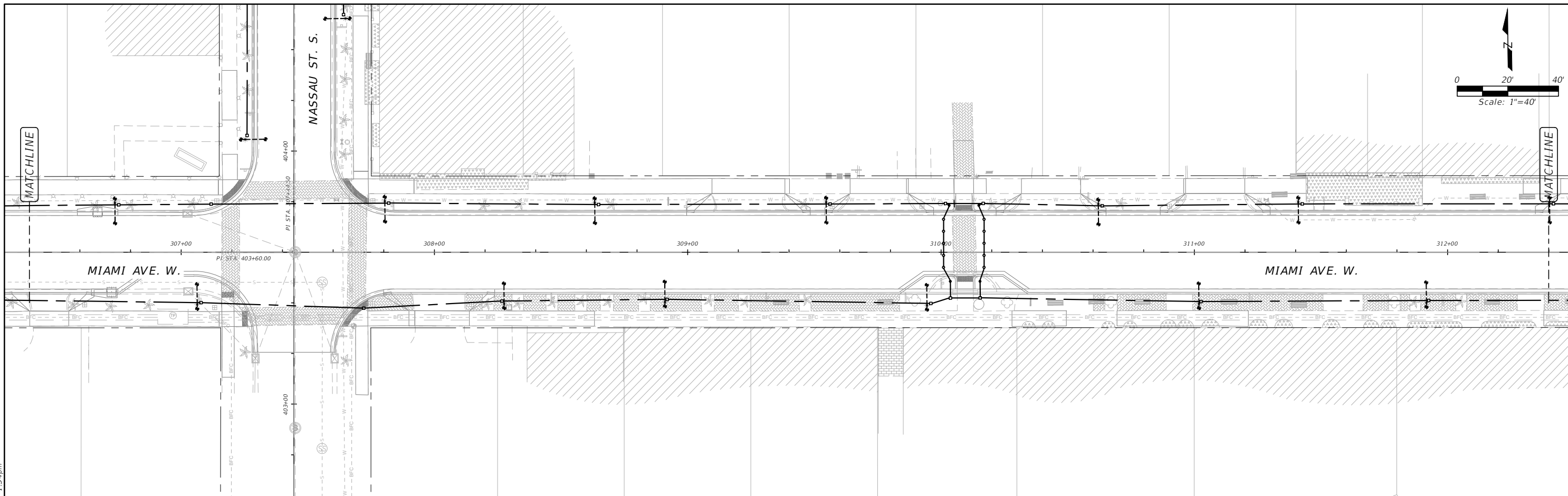


SYMBOL LEGEND

-  EXISTING TEARDROP AND PEDESTRIAN LUMINAIRE TO REMAIN.
-  MOTION SENSOR TO ACTIVATE IN-PAVEMENT LUMINAIRES.
-  IN-PAVEMENT YELLOW LED LUMINAIRE
-  NEW PULL BOX. PULL BOXES SHALL BE INSTALLED ADJACENT TO EACH LIGHT POLE. PULL BOXES ARE REQUIRED AT BOTH ENDS OF CONDUIT AT ROADWAY CROSSINGS AND AS NECESSARY FOR COMPLETION OF THE PROJECT.
-  NEW 2" SCHEDULE 40 PVC CONDUIT WITH PULL WIRES.
-  NEW (2) 2" (HDPE) CONDUITS DIRECTIONAL BORED UNDER PAVEMENT AT ROAD CROSSINGS WITH PULL WIRES. EXTEND CONDUIT BEYOND EDGE OF PAVEMENT TO PULL BOXES. CONDUIT AND TRANSITION COUPLING SHALL BE UL LISTED.

THE ELECTRICAL SCOPE OF WORK FOR THE ROADWAY RECONSTRUCTION PROJECT IS THE FURNISHING AND INSTALLATION OF AN EMPTY CONDUIT SYSTEM INTERCONNECTED TO PULL BOXES INSTALLED ADJACENT TO EACH EXISTING LIGHT POLE AND ADDITIONAL PULL BOXES AT ROADWAY CROSSINGS. THE SCOPE OF WORK ALSO INCLUDES IN-ROADWAY LED PEDESTRIAN LIGHTING SYSTEM WITH PASSIVE PEDESTRIAN SENSORS. THIS SYSTEM WILL BE CONNECTED TO THE EXISTING POWER WIRING WITH TEMPORARY 480-120 VOLT STEPDOWN TRANSFORMERS. THE EXISTING LIGHT POLES AND THE EXISTING UNDERGROUND WIRING IS TO REMAIN FOR THIS CONSTRUCTION PHASE.

			DESIGNED <u>PLT</u> DRAWN <u>AR</u> CHECKED <u>PLT</u>	PREPARED FOR: 	PREPARED BY: 	PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: MIAMI AVE. PLAN STA.300+40 TO STA.306+40 NEW PULL BOX AND CONDUIT	APPROVED BY:  PEDRO L. TREVIN, P.E. FLA. REG. NO 15309 ATKINS NORTH AMERICA (FBPR CA No.24) 2001 NORTHWEST 107TH AVENUE MIAMI, FL 33172-2507	DATE: 8/1/2017 PROJECT NO.: 100054389 SHEET: LC104 MIAMI	
REV. NO.	DATE	DESCRIPTION								



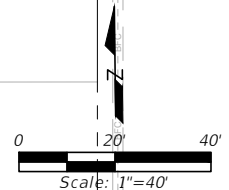
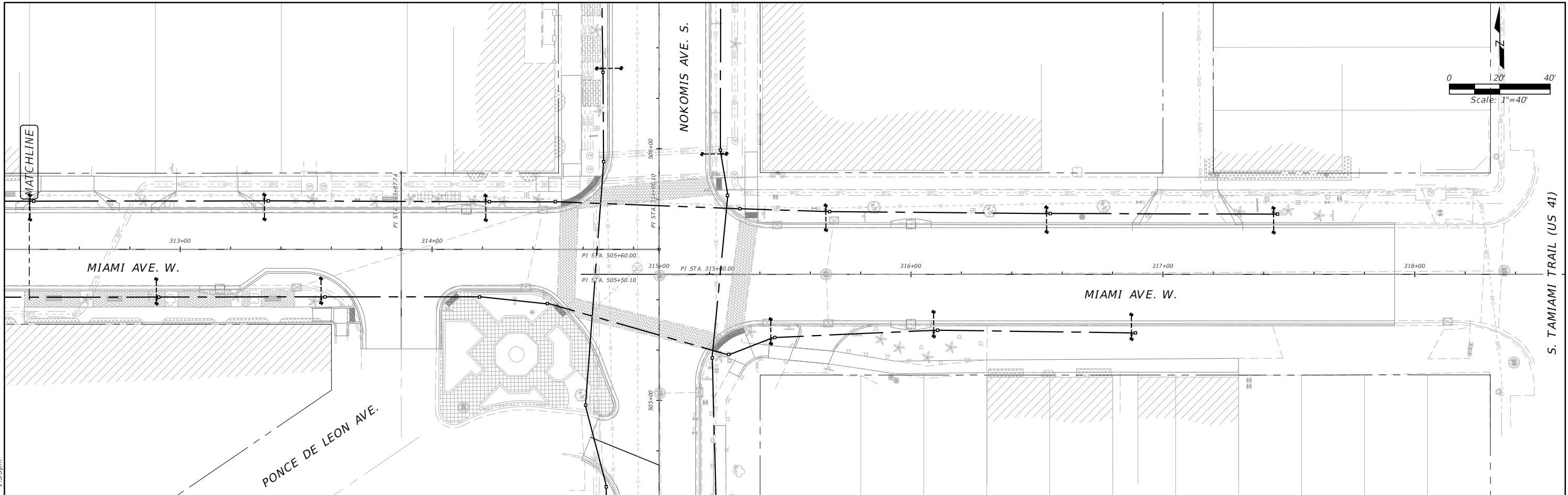
SYMBOL LEGEND

- EXISTING TEARDROP AND PEDESTRIAN LUMINAIRE TO REMAIN.
- MOTION SENSOR TO ACTIVATE IN-PAVEMENT LUMINAIRES.
- IN-PAVEMENT YELLOW LED LUMINAIRE
- NEW PULL BOX. PULL BOXES SHALL BE INSTALLED ADJACENT TO EACH LIGHT POLE. PULL BOXES ARE REQUIRED AT BOTH ENDS OF CONDUIT AT ROADWAY CROSSINGS AND AS NECESSARY FOR COMPLETION OF THE PROJECT.
- NEW 2" SCHEDULE 40 PVC CONDUIT WITH PULL WIRES.
- NEW (2) 2" (HDPE) CONDUITS DIRECTIONAL BORED UNDER PAVEMENT AT ROAD CROSSINGS WITH PULL WIRES. EXTEND CONDUIT BEYOND EDGE OF PAVEMENT TO PULL BOXES. CONDUIT AND TRANSITION COUPLING SHALL BE UL LISTED.

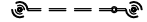



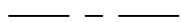

THE ELECTRICAL SCOPE OF WORK FOR THE ROADWAY RECONSTRUCTION PROJECT IS THE FURNISHING AND INSTALLATION OF AN EMPTY CONDUIT SYSTEM INTERCONNECTED TO PULL BOXES INSTALLED ADJACENT TO EACH EXISTING LIGHT POLE AND ADDITIONAL PULL BOXES AT ROADWAY CROSSINGS. THE SCOPE OF WORK ALSO INCLUDES IN-ROADWAY LED PEDESTRIAN LIGHTING SYSTEM WITH PASSIVE PEDESTRIAN SENSORS. THIS SYSTEM WILL BE CONNECTED TO THE EXISTING POWER WIRING WITH TEMPORARY 480-120 VOLT STEPDOWN TRANSFORMERS. THE EXISTING LIGHT POLES AND THE EXISTING UNDERGROUND WIRING IS TO REMAIN FOR THIS CONSTRUCTION PHASE.

G:\BLD65VCS\COMMON\ROADWAY\City of Venice\Lighting\LC104-106 MIAMI.dwg, Aug 01, 2017 - 1:54pm

			DESIGNED <u>PLT</u> DRAWN <u>AR</u> CHECKED <u>PLT</u>	PREPARED FOR: 	PREPARED BY: 	PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: MIAMI AVE. PLAN STA.306+40 TO STA.312+40 NEW PULL BOX AND CONDUIT	APPROVED BY: PEDRO L. TREVIN, P.E. FLA. REG. NO 15309 ATKINS NORTH AMERICA (FBPR CA No.24) 2001 NORTHWEST 107TH AVENUE MIAMI, FL 33172-2507	DATE: 8/1/2017 PROJECT NO.: 100054389 SHEET: LC105 MIAMI
REV. NO.	DATE	DESCRIPTION							



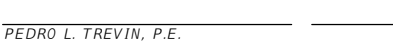


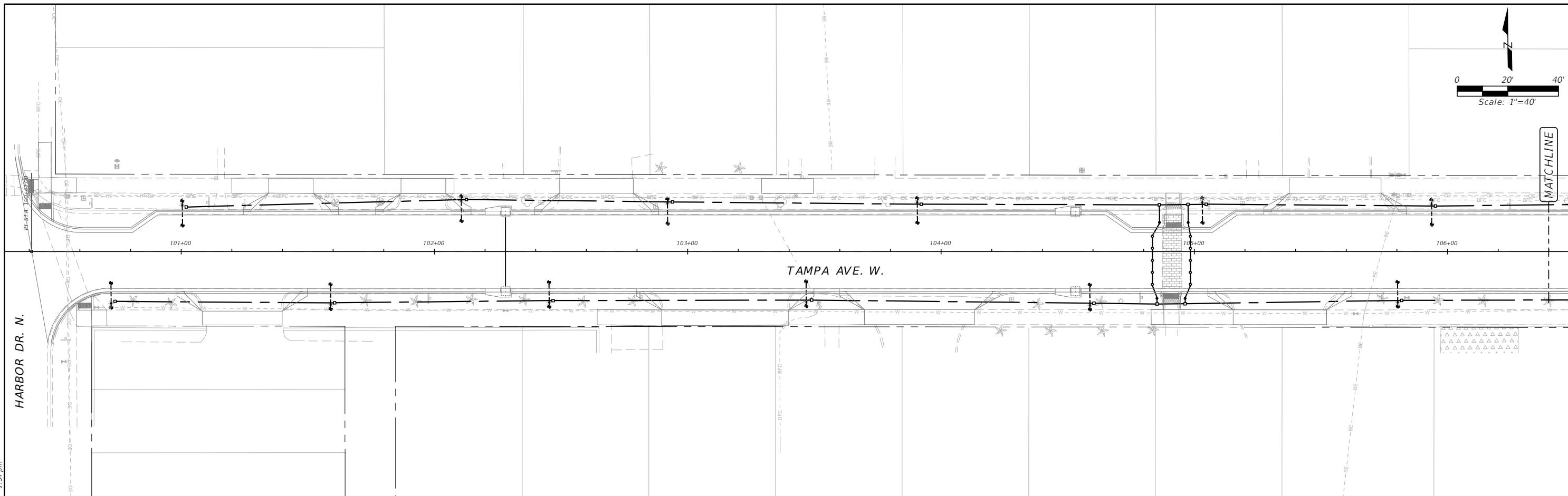
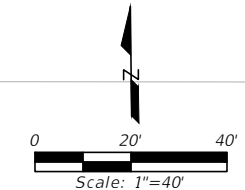
SYMBOL LEGEND

-  EXISTING TEARDROP AND PEDESTRIAN LUMINAIRE TO REMAIN.
-  MOTION SENSOR TO ACTIVATE IN-PAVEMENT LUMINAIRES.
-  IN-PAVEMENT YELLOW LED LUMINAIRE
-  NEW PULL BOX. PULL BOXES SHALL BE INSTALLED ADJACENT TO EACH LIGHT POLE. PULL BOXES ARE REQUIRED AT BOTH ENDS OF CONDUIT AT ROADWAY CROSSINGS AND AS NECESSARY FOR COMPLETION OF THE PROJECT.
-  NEW 2" SCHEDULE 40 PVC CONDUIT WITH PULL WIRES.
-  NEW (2) 2" (HDPE) CONDUITS DIRECTIONAL BORED UNDER PAVEMENT AT ROAD CROSSINGS WITH PULL WIRES. EXTEND CONDUIT BEYOND EDGE OF PAVEMENT TO PULL BOXES. CONDUIT AND TRANSITION COUPLING SHALL BE UL LISTED.

THE ELECTRICAL SCOPE OF WORK FOR THE ROADWAY RECONSTRUCTION PROJECT IS THE FURNISHING AND INSTALLATION OF AN EMPTY CONDUIT SYSTEM INTERCONNECTED TO PULL BOXES INSTALLED ADJACENT TO EACH EXISTING LIGHT POLE AND ADDITIONAL PULL BOXES AT ROADWAY CROSSINGS. THE SCOPE OF WORK ALSO INCLUDES IN-ROADWAY LED PEDESTRIAN LIGHTING SYSTEM WITH PASSIVE PEDESTRIAN SENSORS. THIS SYSTEM WILL BE CONNECTED TO THE EXISTING POWER WIRING WITH TEMPORARY 480-120 VOLT STEPDOWN TRANSFORMERS. THE EXISTING LIGHT POLES AND THE EXISTING UNDERGROUND WIRING IS TO REMAIN FOR THIS CONSTRUCTION PHASE.

G:\BLD65VCS\COMMON\ROADWAY\City of Venice\Lighting\LC104-106 MIAMI.dwg, Aug 01, 2017 - 1:53pm

			DESIGNED <u>PLT</u> DRAWN <u>AR</u> CHECKED <u>PLT</u>	PREPARED FOR: 	PREPARED BY: 	PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: MIAMI AVE. PLAN STA.312+40 TO STA.318+40 NEW PULL BOX AND CONDUIT	APPROVED BY:  PEDRO L. TREVIN, P.E. FLA. REG. NO 15309 ATKINS NORTH AMERICA (FBPR CA No.24) 2001 NORTHWEST 107TH AVENUE MIAMI, FL 33172-2507	DATE: 8/1/2017 PROJECT NO.: 100054389 SHEET: LC106 MIAMI	
REV. NO.	DATE	DESCRIPTION								



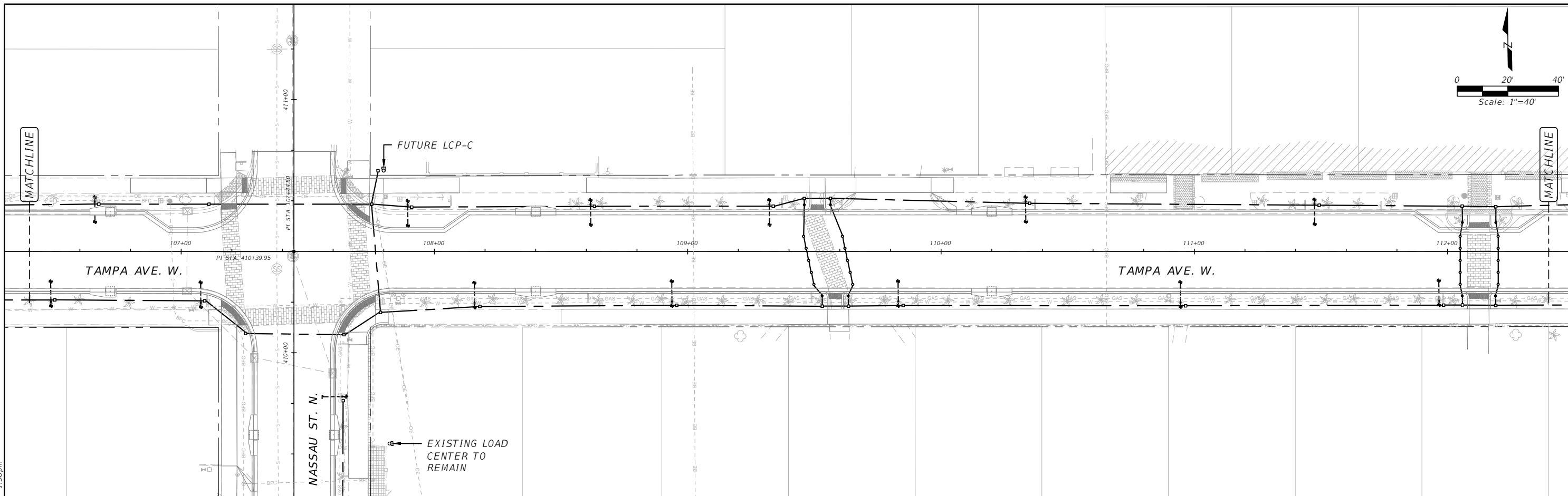
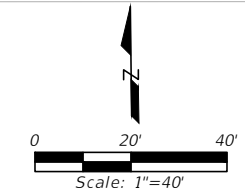
SYMBOL LEGEND

- EXISTING TEARDROP AND PEDESTRIAN LUMINAIRE TO REMAIN.
- MOTION SENSOR TO ACTIVATE IN-PAVEMENT LUMINAIRES.
- IN-PAVEMENT YELLOW LED LUMINAIRE
- NEW PULL BOX. PULL BOXES SHALL BE INSTALLED ADJACENT TO EACH LIGHT POLE. PULL BOXES ARE REQUIRED AT BOTH ENDS OF CONDUIT AT ROADWAY CROSSINGS AND AS NECESSARY FOR COMPLETION OF THE PROJECT.
- NEW 2" SCHEDULE 40 PVC CONDUIT WITH PULL WIRES.
- NEW (2) 2" (HDPE) CONDUITS DIRECTIONAL BORED UNDER PAVEMENT AT ROAD CROSSINGS WITH PULL WIRES. EXTEND CONDUIT BEYOND EDGE OF PAVEMENT TO PULL BOXES. CONDUIT AND TRANSITION COUPLING SHALL BE UL LISTED.

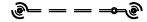



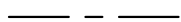

THE ELECTRICAL SCOPE OF WORK FOR THE ROADWAY RECONSTRUCTION PROJECT IS THE FURNISHING AND INSTALLATION OF AN EMPTY CONDUIT SYSTEM INTERCONNECTED TO PULL BOXES INSTALLED ADJACENT TO EACH EXISTING LIGHT POLE AND ADDITIONAL PULL BOXES AT ROADWAY CROSSINGS. THE SCOPE OF WORK ALSO INCLUDES IN-ROADWAY LED PEDESTRIAN LIGHTING SYSTEM WITH PASSIVE PEDESTRIAN SENSORS. THIS SYSTEM WILL BE CONNECTED TO THE EXISTING POWER WIRING WITH TEMPORARY 480-120 VOLT STEPDOWN TRANSFORMERS. THE EXISTING LIGHT POLES AND THE EXISTING UNDERGROUND WIRING IS TO REMAIN FOR THIS CONSTRUCTION PHASE.

G:\BLD65VCS\COMMON\ROADWAY\City of Venice\Lighting\LC107-109 TAMPA.dwg, Aug 01, 2017 - 1:57pm

DESIGNED <u>PLT</u>			PREPARED FOR: 	PREPARED BY: 	PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: TAMPA AVE. PLAN STA.100+40 TO STA.106+40	APPROVED BY: PEDRO L. TREVIN, P.E. FLA. REG. NO 15309 ATKINS NORTH AMERICA (FBPR CA No.24) 2001 NORTHWEST 107TH AVENUE MIAMI, FL 33172-2507	DATE: 8/1/2017	
DRAWN <u>AR</u>									PROJECT NO.: 100054389
CHECKED <u>PLT</u>									SHEET: LC107 TAMPA
REV. NO.	DATE	DESCRIPTION							



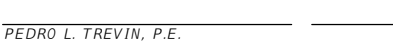


SYMBOL LEGEND

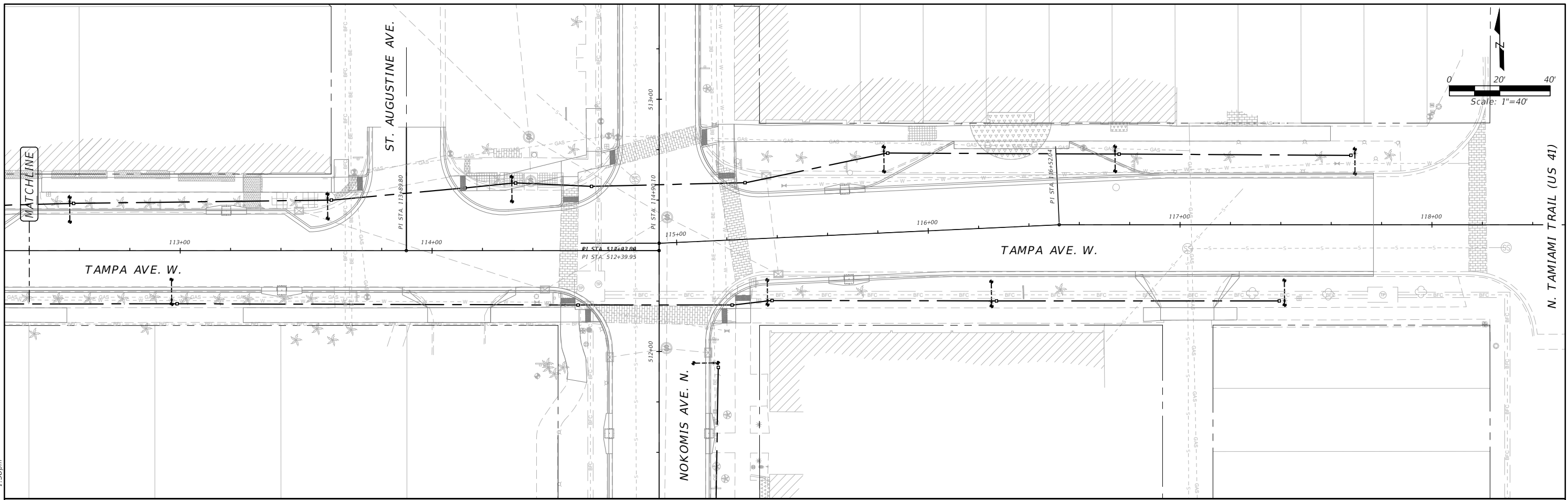
-  EXISTING TEARDROP AND PEDESTRIAN LUMINAIRE TO REMAIN.
-  MOTION SENSOR TO ACTIVATE IN-PAVEMENT LUMINAIRES.
-  IN-PAVEMENT YELLOW LED LUMINAIRE
-  NEW PULL BOX. PULL BOXES SHALL BE INSTALLED ADJACENT TO EACH LIGHT POLE. PULL BOXES ARE REQUIRED AT BOTH ENDS OF CONDUIT AT ROADWAY CROSSINGS AND AS NECESSARY FOR COMPLETION OF THE PROJECT.
-  NEW 2" SCHEDULE 40 PVC CONDUIT WITH PULL WIRES.
-  NEW (2) 2" (HDPE) CONDUITS DIRECTIONAL BORED UNDER PAVEMENT AT ROAD CROSSINGS WITH PULL WIRES. EXTEND CONDUIT BEYOND EDGE OF PAVEMENT TO PULL BOXES. CONDUIT AND TRANSITION COUPLING SHALL BE UL LISTED.

THE ELECTRICAL SCOPE OF WORK FOR THE ROADWAY RECONSTRUCTION PROJECT IS THE FURNISHING AND INSTALLATION OF AN EMPTY CONDUIT SYSTEM INTERCONNECTED TO PULL BOXES INSTALLED ADJACENT TO EACH EXISTING LIGHT POLE AND ADDITIONAL PULL BOXES AT ROADWAY CROSSINGS. THE SCOPE OF WORK ALSO INCLUDES IN-ROADWAY LED PEDESTRIAN LIGHTING SYSTEM WITH PASSIVE PEDESTRIAN SENSORS. THIS SYSTEM WILL BE CONNECTED TO THE EXISTING POWER WIRING WITH TEMPORARY 480-120 VOLT STEPDOWN TRANSFORMERS. THE EXISTING LIGHT POLES AND THE EXISTING UNDERGROUND WIRING IS TO REMAIN FOR THIS CONSTRUCTION PHASE.

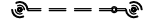



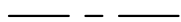

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DESIGNED	PLT					PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	
DRAWN	AR			DESCRIPTION: TAMPA AVE. PLAN STA.106+40 TO STA.112+40 NEW PULL BOX AND CONDUIT		APPROVED BY:  PEDRO L. TREVIN, P.E. FLA. REG. NO 15309 ATKINS NORTH AMERICA (FBPR CA No.24) 2001 NORTHWEST 107TH AVENUE MIAMI, FL 33172-2507	
CHECKED	PLT					DATE: 8/1/2017 PROJECT NO.: 100054389 SHEET: LC108 TAMPA	
REV. NO.	DATE	DESCRIPTION					



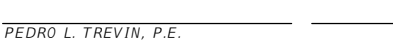
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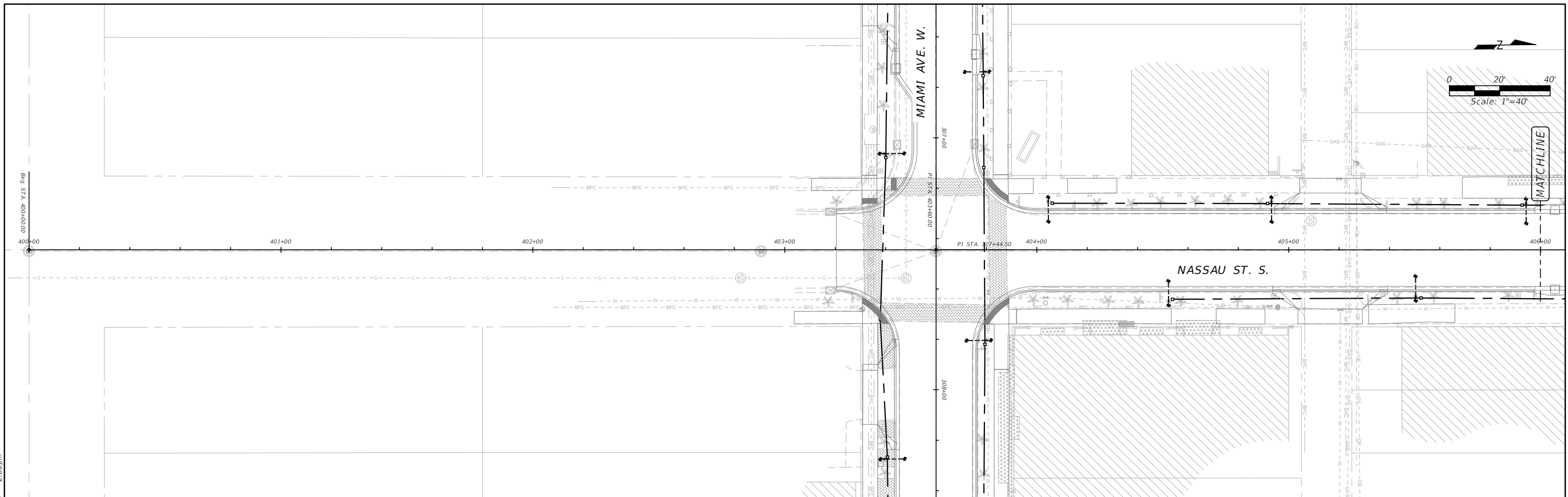
SYMBOL LEGEND

-  EXISTING TEARDROP AND PEDESTRIAN LUMINAIRE TO REMAIN.
-  MOTION SENSOR TO ACTIVATE IN-PAVEMENT LUMINAIRES.
-  IN-PAVEMENT YELLOW LED LUMINAIRE
-  NEW PULL BOX. PULL BOXES SHALL BE INSTALLED ADJACENT TO EACH LIGHT POLE. PULL BOXES ARE REQUIRED AT BOTH ENDS OF CONDUIT AT ROADWAY CROSSINGS AND AS NECESSARY FOR COMPLETION OF THE PROJECT.
-  NEW 2" SCHEDULE 40 PVC CONDUIT WITH PULL WIRES.
-  NEW (2) 2" (HDPE) CONDUITS DIRECTIONAL BORED UNDER PAVEMENT AT ROAD CROSSINGS WITH PULL WIRES. EXTEND CONDUIT BEYOND EDGE OF PAVEMENT TO PULL BOXES. CONDUIT AND TRANSITION COUPLING SHALL BE UL LISTED.

THE ELECTRICAL SCOPE OF WORK FOR THE ROADWAY RECONSTRUCTION PROJECT IS THE FURNISHING AND INSTALLATION OF AN EMPTY CONDUIT SYSTEM INTERCONNECTED TO PULL BOXES INSTALLED ADJACENT TO EACH EXISTING LIGHT POLE AND ADDITIONAL PULL BOXES AT ROADWAY CROSSINGS. THE SCOPE OF WORK ALSO INCLUDES IN-ROADWAY LED PEDESTRIAN LIGHTING SYSTEM WITH PASSIVE PEDESTRIAN SENSORS. THIS SYSTEM WILL BE CONNECTED TO THE EXISTING POWER WIRING WITH TEMPORARY 480-120 VOLT STEPDOWN TRANSFORMERS. THE EXISTING LIGHT POLES AND THE EXISTING UNDERGROUND WIRING IS TO REMAIN FOR THIS CONSTRUCTION PHASE.

			DESIGNED <u>PLT</u> DRAWN <u>AR</u> CHECKED <u>PLT</u>	PREPARED FOR: 	PREPARED BY: 	PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: TAMPA AVE. PLAN STA.112+40 TO STA.118+40 NEW PULL BOX AND CONDUIT	APPROVED BY:  PEDRO L. TREVIN, P.E. FLA. REG. NO 15309 ATKINS NORTH AMERICA (FBPR CA No.24) 2001 NORTHWEST 107TH AVENUE MIAMI, FL 33172-2507	DATE: 8/1/2017 PROJECT NO.: 100054389 SHEET: LC109 TAMPA
REV. NO.	DATE	DESCRIPTION							

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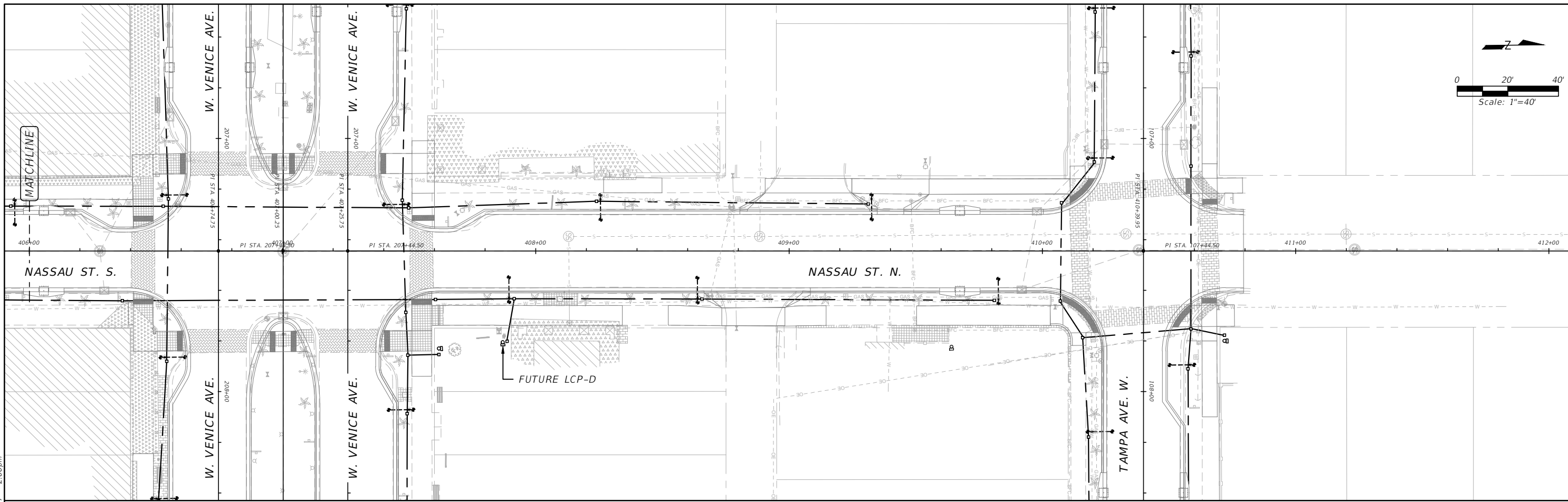
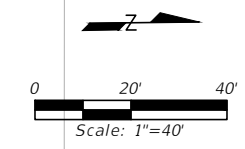


SYMBOL LEGEND

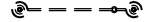



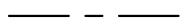

- EXISTING TEARDROP AND PEDESTRIAN LUMINAIRE TO REMAIN.
- MOTION SENSOR TO ACTIVATE IN-PAVEMENT LUMINAIRES.
- IN-PAVEMENT YELLOW LED LUMINAIRE
- NEW PULL BOX. PULL BOXES SHALL BE INSTALLED ADJACENT TO EACH LIGHT POLE. PULL BOXES ARE REQUIRED AT BOTH ENDS OF CONDUIT AT ROADWAY CROSSINGS AND AS NECESSARY FOR COMPLETION OF THE PROJECT.
- NEW 2" SCHEDULE 40 PVC CONDUIT WITH PULL WIRES.
- NEW (2) 2" (HDPE) CONDUITS DIRECTIONAL BORED UNDER PAVEMENT AT ROAD CROSSINGS WITH PULL WIRES. EXTEND CONDUIT BEYOND EDGE OF PAVEMENT TO PULL BOXES. CONDUIT AND TRANSITION COUPLING SHALL BE UL LISTED.

THE ELECTRICAL SCOPE OF WORK FOR THE ROADWAY RECONSTRUCTION PROJECT IS THE FURNISHING AND INSTALLATION OF AN EMPTY CONDUIT SYSTEM INTERCONNECTED TO PULL BOXES INSTALLED ADJACENT TO EACH EXISTING LIGHT POLE AND ADDITIONAL PULL BOXES AT ROADWAY CROSSINGS. THE SCOPE OF WORK ALSO INCLUDES IN-ROADWAY LED PEDESTRIAN LIGHTING SYSTEM WITH PASSIVE PEDESTRIAN SENSORS. THIS SYSTEM WILL BE CONNECTED TO THE EXISTING POWER WIRING WITH TEMPORARY 480-120 VOLT STEPDOWN TRANSFORMERS. THE EXISTING LIGHT POLES AND THE EXISTING UNDERGROUND WIRING IS TO REMAIN FOR THIS CONSTRUCTION PHASE.

DESIGNED <u>PLT</u>			PREPARED FOR: 		PREPARED BY: 		PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS		DESCRIPTION: NASSAU ST. PLAN STA.400+00 TO STA.406+00 NEW PULL BOX AND CONDUIT		APPROVED BY: 		DATE: 8/1/2017	
DRAWN <u>AR</u>											PEDRO L. TREVIN, P.E. FLA. REG. NO 15309 ATKINS NORTH AMERICA (FBPR CA No.24) 2001 NORTHWEST 107TH AVENUE MIAMI, FL 33172-2507		PROJECT NO.: 100054389	
CHECKED <u>PLT</u>													SHEET: LC110 NASSAU	
REV. NO.	DATE	DESCRIPTION												





SYMBOL LEGEND

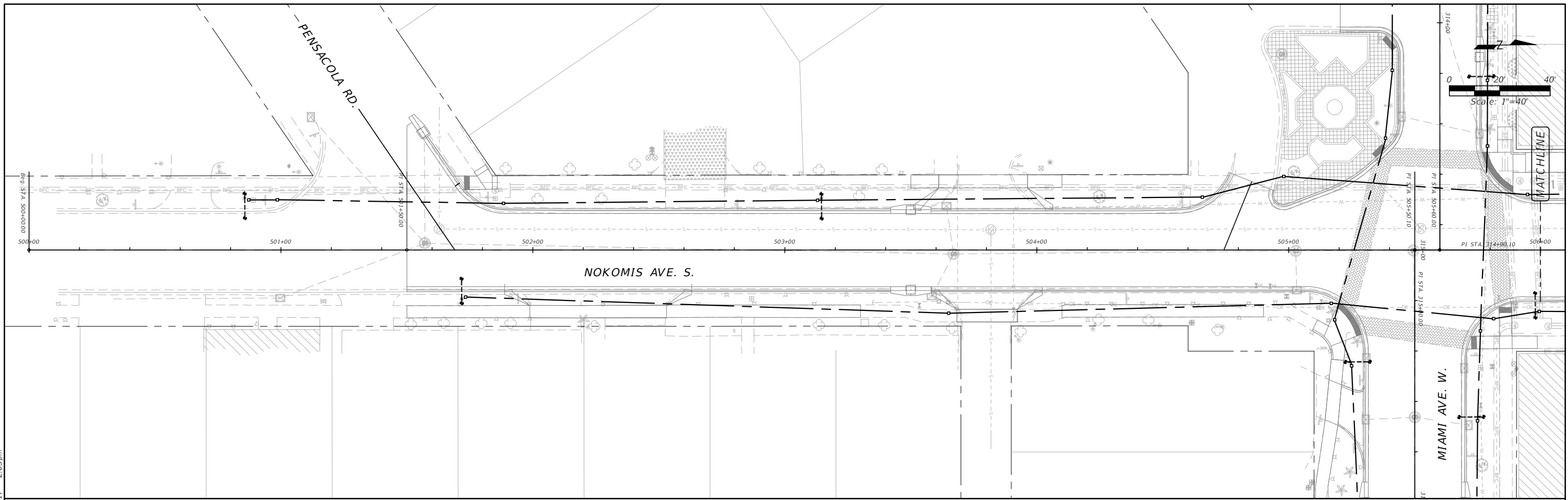
-  EXISTING TEARDROP AND PEDESTRIAN LUMINAIRE TO REMAIN.
-  MOTION SENSOR TO ACTIVATE IN-PAVEMENT LUMINAIRES.
-  IN-PAVEMENT YELLOW LED LUMINAIRE
-  NEW PULL BOX. PULL BOXES SHALL BE INSTALLED ADJACENT TO EACH LIGHT POLE. PULL BOXES ARE REQUIRED AT BOTH ENDS OF CONDUIT AT ROADWAY CROSSINGS AND AS NECESSARY FOR COMPLETION OF THE PROJECT.
-  NEW 2" SCHEDULE 40 PVC CONDUIT WITH PULL WIRES.
-  NEW (2) 2" (HDPE) CONDUITS DIRECTIONAL BORED UNDER PAVEMENT AT ROAD CROSSINGS WITH PULL WIRES. EXTEND CONDUIT BEYOND EDGE OF PAVEMENT TO PULL BOXES. CONDUIT AND TRANSITION COUPLING SHALL BE UL LISTED.

THE ELECTRICAL SCOPE OF WORK FOR THE ROADWAY RECONSTRUCTION PROJECT IS THE FURNISHING AND INSTALLATION OF AN EMPTY CONDUIT SYSTEM INTERCONNECTED TO PULL BOXES INSTALLED ADJACENT TO EACH EXISTING LIGHT POLE AND ADDITIONAL PULL BOXES AT ROADWAY CROSSINGS. THE SCOPE OF WORK ALSO INCLUDES IN-ROADWAY LED PEDESTRIAN LIGHTING SYSTEM WITH PASSIVE PEDESTRIAN SENSORS. THIS SYSTEM WILL BE CONNECTED TO THE EXISTING POWER WIRING WITH TEMPORARY 480-120 VOLT STEPDOWN TRANSFORMERS. THE EXISTING LIGHT POLES AND THE EXISTING UNDERGROUND WIRING IS TO REMAIN FOR THIS CONSTRUCTION PHASE.

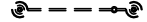





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DESIGNED	PLT			PROJECT:	CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION:	NASSAU ST. PLAN STA.406+00 TO STA.412+00 NEW PULL BOX AND CONDUIT
DRAWN	AR			APPROVED BY:	PEDRO L. TREVIN, P.E. FLA. REG. NO 15309 ATKINS NORTH AMERICA (FBPR CA No.24) 2001 NORTHWEST 107TH AVENUE MIAMI, FL 33172-2507	DATE:	8/1/2017
CHECKED	PLT			PROJECT NO.:	100054389	SHEET:	LC111 NASSAU
REV. NO.	DATE	DESCRIPTION					



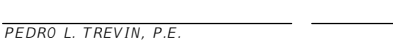
G:\BLD65VCS\COMMON\ROADWAY\CITY OF VENICE\Lighting\LC112-114 NOKOMIS.dwg, Aug 01, 2017 - 2:03pm

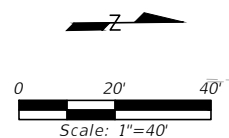
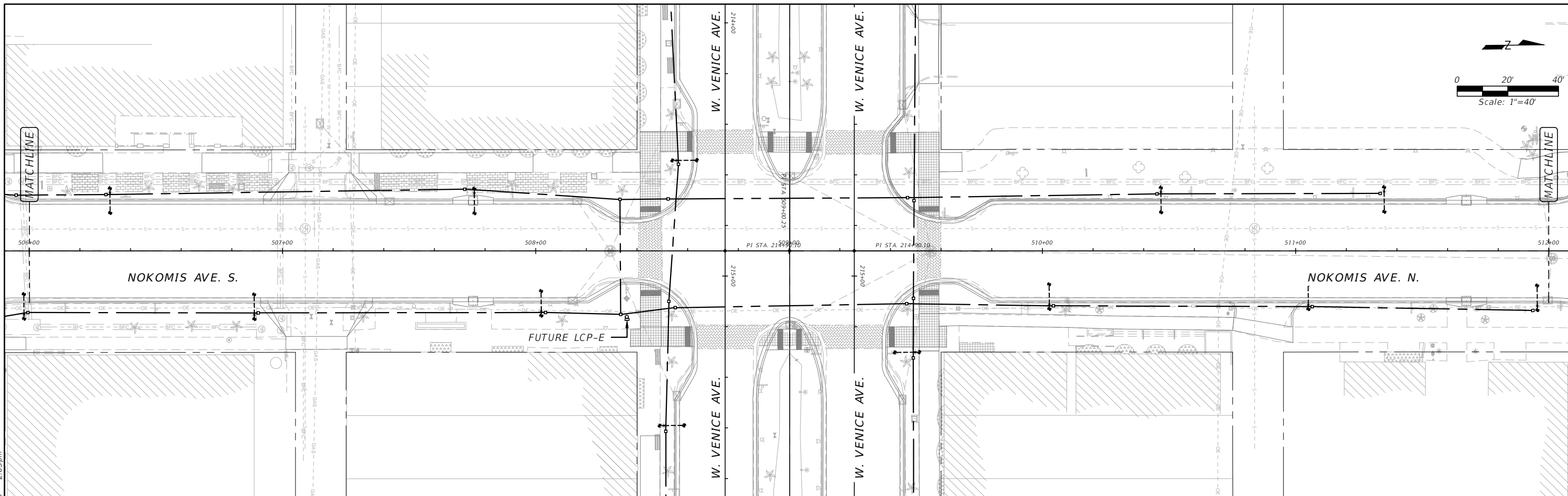


SYMBOL LEGEND

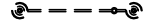



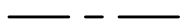

-  EXISTING TEARDROP AND PEDESTRIAN LUMINAIRE TO REMAIN.
-  MOTION SENSOR TO ACTIVATE IN-PAVEMENT LUMINAIRES.
-  IN-PAVEMENT YELLOW LED LUMINAIRE
-  NEW PULL BOX. PULL BOXES SHALL BE INSTALLED ADJACENT TO EACH LIGHT POLE. PULL BOXES ARE REQUIRED AT BOTH ENDS OF CONDUIT AT ROADWAY CROSSINGS AND AS NECESSARY FOR COMPLETION OF THE PROJECT.
-  NEW 2" SCHEDULE 40 PVC CONDUIT WITH PULL WIRES.
-  NEW (2) 2" (HDPE) CONDUITS DIRECTIONAL BORED UNDER PAVEMENT AT ROAD CROSSINGS WITH PULL WIRES. EXTEND CONDUIT BEYOND EDGE OF PAVEMENT TO PULL BOXES. CONDUIT AND TRANSITION COUPLING SHALL BE UL LISTED.

THE ELECTRICAL SCOPE OF WORK FOR THE ROADWAY RECONSTRUCTION PROJECT IS THE FURNISHING AND INSTALLATION OF AN EMPTY CONDUIT SYSTEM INTERCONNECTED TO PULL BOXES INSTALLED ADJACENT TO EACH EXISTING LIGHT POLE AND ADDITIONAL PULL BOXES AT ROADWAY CROSSINGS. THE SCOPE OF WORK ALSO INCLUDES IN-ROADWAY LED PEDESTRIAN LIGHTING SYSTEM WITH PASSIVE PEDESTRIAN SENSORS. THIS SYSTEM WILL BE CONNECTED TO THE EXISTING POWER WIRING WITH TEMPORARY 480-120 VOLT STEPDOWN TRANSFORMERS. THE EXISTING LIGHT POLES AND THE EXISTING UNDERGROUND WIRING IS TO REMAIN FOR THIS CONSTRUCTION PHASE.

DESIGNED	PLT					PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS		DESCRIPTION: NOKOMIS AVE. PLAN STA.500+00 TO STA.506+00 NEW PULL BOX AND CONDUIT		APPROVED BY:  PEDRO L. TREVIN, P.E. FLA. REG. NO 15309 ATKINS NORTH AMERICA (FBPR CA No.24) 2001 NORTHWEST 107TH AVENUE MIAMI, FL 33172-2507	DATE: 8/1/2017 PROJECT NO.: 100054389 SHEET: LC112 NOKOMIS
DRAWN	AR										
CHECKED	PLT										
REV. NO.	DATE	DESCRIPTION									



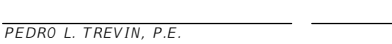


SYMBOL LEGEND

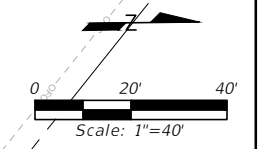
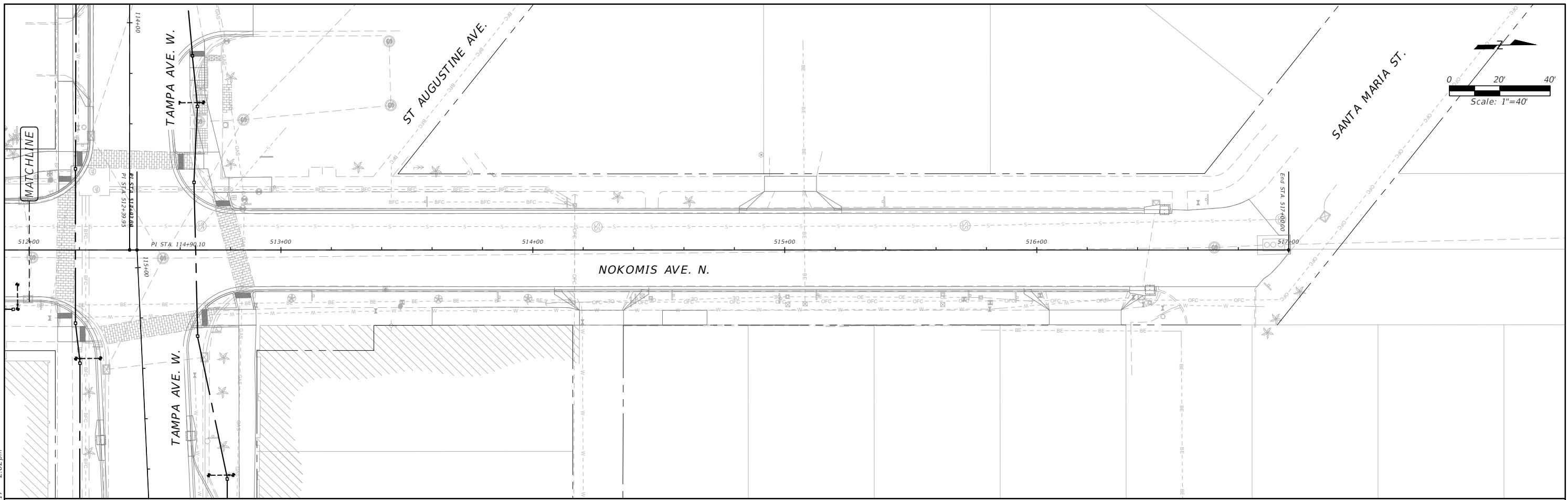
-  EXISTING TEARDROP AND PEDESTRIAN LUMINAIRE TO REMAIN.
-  MOTION SENSOR TO ACTIVATE IN-PAVEMENT LUMINAIRES.
-  IN-PAVEMENT YELLOW LED LUMINAIRE
-  NEW PULL BOX. PULL BOXES SHALL BE INSTALLED ADJACENT TO EACH LIGHT POLE. PULL BOXES ARE REQUIRED AT BOTH ENDS OF CONDUIT AT ROADWAY CROSSINGS AND AS NECESSARY FOR COMPLETION OF THE PROJECT.
-  NEW 2" SCHEDULE 40 PVC CONDUIT WITH PULL WIRES.
-  NEW (2) 2" (HDPE) CONDUITS DIRECTIONAL BORED UNDER PAVEMENT AT ROAD CROSSINGS WITH PULL WIRES. EXTEND CONDUIT BEYOND EDGE OF PAVEMENT TO PULL BOXES. CONDUIT AND TRANSITION COUPLING SHALL BE UL LISTED.

THE ELECTRICAL SCOPE OF WORK FOR THE ROADWAY RECONSTRUCTION PROJECT IS THE FURNISHING AND INSTALLATION OF AN EMPTY CONDUIT SYSTEM INTERCONNECTED TO PULL BOXES INSTALLED ADJACENT TO EACH EXISTING LIGHT POLE AND ADDITIONAL PULL BOXES AT ROADWAY CROSSINGS. THE SCOPE OF WORK ALSO INCLUDES IN-ROADWAY LED PEDESTRIAN LIGHTING SYSTEM WITH PASSIVE PEDESTRIAN SENSORS. THIS SYSTEM WILL BE CONNECTED TO THE EXISTING POWER WIRING WITH TEMPORARY 480-120 VOLT STEPDOWN TRANSFORMERS. THE EXISTING LIGHT POLES AND THE EXISTING UNDERGROUND WIRING IS TO REMAIN FOR THIS CONSTRUCTION PHASE.

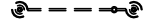





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			DESIGNED <u>PLT</u> DRAWN <u>AR</u> CHECKED <u>PLT</u>	PREPARED FOR: 	PREPARED BY: 	PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION: NOKOMIS AVE. PLAN STA.506+00 TO STA.512+00 NEW PULL BOX AND CONDUIT	APPROVED BY:  PEDRO L. TREVIN, P.E. FLA. REG. NO 15309 ATKINS NORTH AMERICA (FBPR CA No.24) 2001 NORTHWEST 107TH AVENUE MIAMI, FL 33172-2507	DATE: 8/1/2017 PROJECT NO.: 100054389 SHEET: LC113 NOKOMIS
REV. NO.	DATE	DESCRIPTION							



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SYMBOL LEGEND

-  EXISTING TEARDROP AND PEDESTRIAN LUMINAIRE TO REMAIN.
-  MOTION SENSOR TO ACTIVATE IN-PAVEMENT LUMINAIRES.
-  IN-PAVEMENT YELLOW LED LUMINAIRE
-  NEW PULL BOX. PULL BOXES SHALL BE INSTALLED ADJACENT TO EACH LIGHT POLE. PULL BOXES ARE REQUIRED AT BOTH ENDS OF CONDUIT AT ROADWAY CROSSINGS AND AS NECESSARY FOR COMPLETION OF THE PROJECT.
-  NEW 2" SCHEDULE 40 PVC CONDUIT WITH PULL WIRES.
-  NEW (2) 2" (HDPE) CONDUITS DIRECTIONAL BORED UNDER PAVEMENT AT ROAD CROSSINGS WITH PULL WIRES. EXTEND CONDUIT BEYOND EDGE OF PAVEMENT TO PULL BOXES. CONDUIT AND TRANSITION COUPLING SHALL BE UL LISTED.

THE ELECTRICAL SCOPE OF WORK FOR THE ROADWAY RECONSTRUCTION PROJECT IS THE FURNISHING AND INSTALLATION OF AN EMPTY CONDUIT SYSTEM INTERCONNECTED TO PULL BOXES INSTALLED ADJACENT TO EACH EXISTING LIGHT POLE AND ADDITIONAL PULL BOXES AT ROADWAY CROSSINGS. THE SCOPE OF WORK ALSO INCLUDES IN-ROADWAY LED PEDESTRIAN LIGHTING SYSTEM WITH PASSIVE PEDESTRIAN SENSORS. THIS SYSTEM WILL BE CONNECTED TO THE EXISTING POWER WIRING WITH TEMPORARY 480-120 VOLT STEPDOWN TRANSFORMERS. THE EXISTING LIGHT POLES AND THE EXISTING UNDERGROUND WIRING IS TO REMAIN FOR THIS CONSTRUCTION PHASE.

DESIGNED	PLT			PROJECT:	CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS	DESCRIPTION:	NOKOMIS AVE. PLAN STA.512+00 TO STA.518+00 NEW PULL BOX AND CONDUIT
DRAWN	AR			APPROVED BY:	PEDRO L. TREVIN, P.E. FLA. REG. NO 15309 ATKINS NORTH AMERICA (FBPR CA No.24) 2001 NORTHWEST 107TH AVENUE MIAMI, FL 33172-2507	DATE:	8/1/2017
CHECKED	PLT			PROJECT NO.:	100054389	SHEET:	LC114 NOKOMIS
REV. NO.	DATE	DESCRIPTION					