

## **APPENDICES**

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**PROJECT DESIGN SEGMENT 20410  
NORTHSIDE BAY ADDITION  
SAMPLE SCHEDULE OF VALUES**

**GENERAL NOTES:**

1. THE CONTRACTOR SHALL CREATE AND SUBMIT A SCHEDULE OF VALUES WITH THEIR BID. THE PROJECT REPRESENTATIVE SHALL REVIEW AND APPROVE THE SCHEDULE OF VALUES, BASED UPON THE REASONABLE APPORTIONMENT OF COSTS TO THE VARIOUS ELEMENTS OF THE WORK IN PLACE.
2. THE SCHEDULE OF VALUES SHALL BE THE JEA'S MEANS OF ADMINISTERING PAYMENT FOR WORK IN PLACE UNDER THIS CONTRACT. EACH INVOICE FROM THE CONTRACTOR SHALL CONTAIN THE INFORMATION SHOWN IN THE FORTHCOMING TABLE TO INDICATE WORK COMPLETED AND PAYABLE DURING EACH MONTHLY BILLING PERIOD, AS WELL AS INDICATING PAST AND REMAINING WORK. INVOICES SUBMITTED WITHOUT AN ACCEPTED, COMPLETED SCHEDULE OF VALUES SHALL BE RETURNED UNPAID.
3. THE ITEMS LISTED IN THIS SCHEDULE OF VALUES ARE SAMPLE ITEMS ONLY; THEY ARE NOT INTENDED TO BE COMPLETE AND ARE PROVIDED ONLY TO INDICATE THE LEVEL OF DETAIL REQUIRED. THE CONTRACTOR SHALL FORMULATE A DETAILED LIST OF ITEMS THAT ARE SPECIFIC TO THE WORK OF THIS CONTRACT.
4. AN ELECTRONIC COPY OF THIS DOCUMENT IS AVAILABLE VIA ELECTRONIC MAIL BY COPYING THE "FILE" ADDRESS LISTED BELOW INTO AN ELECTRONIC MAIL, AND SENDING THE ELECTRONIC MAIL REQUEST TO THE PROJECT ENGINEER. THE PROJECT ENGINEER'S ADDRESS IS LISTED IN SECTION VII OF THIS SPECIFICATION.

FILE: NP17 - APPENDIX I - SAMPLE SCHEDULE OF VALUES.DOCX

DATE: 8/1/2017

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# SAMPLE SCHEDULE OF VALUES NORTHSIDE BAY ADDITION

PAGE.: 2 OF 3

ITEM DESCRIPTION	SCHEDULE		PERCENT COMPLETE		AMOUNT EARNED TO DATE		
	LABOR	MATERIAL	LABOR	MATERIAL	LABOR	MATERIAL	TOTAL
1. MOBILIZATION / ADMINISTRATION							
1.1. PROJECT ADMINISTRATION							
1.2. SURVEY/ESTABLISH BASELINES							
1.3. AS-BUILTS							
2. CIVIL SITE WORK							
2.1. SOIL EROSION CONTROL							
2.2. GRADING & DRAINAGE							
2.2.1. GRADING							
2.2.2. YARD STABILIZATION/ GEOTEXTILES							
2.3. FOUNDATIONS							
2.3.1. DS1							
2.3.2. BR1							
2.4. TESTING							
2.4.1. SOILS							
2.4.2. CONCRETE							
2.5. HERBICIDE							
2.6. ROCKING							
3. CONTROL BUILDING							
3.1. MISCELLANEOUS							
4. RACEWAY							
4.1. CONDUIT							
4.1.1. 1 IN. CONDUIT							
4.1.2. 1.5 IN. CONDUIT							
4.1.3. 3 IN. CONDUIT							
5. GROUNDING							
5.1. 7#5 COPPERWELD STRUCTURE, EQUIPMENT TAPS							
5.2. CADWELD CONNECTIONS							
6. SUBSTATION							

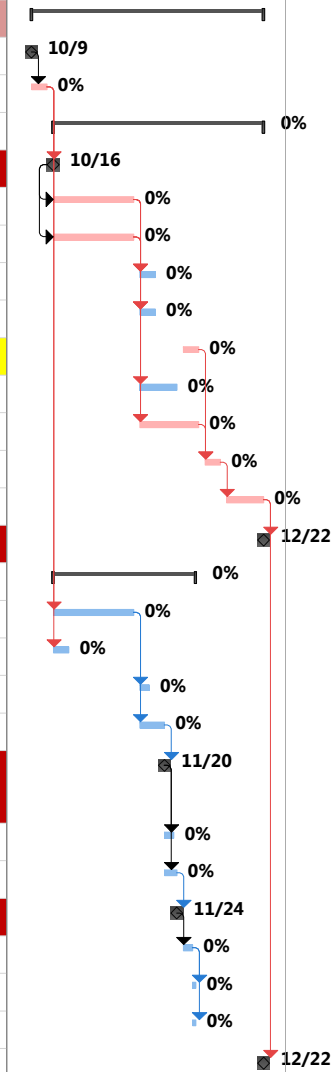
# SAMPLE SCHEDULE OF VALUES NORTHSIDE BAY ADDITION

PAGE.: 3 OF 3

ITEM DESCRIPTION	SCHEDULE		PERCENT COMPLETE		AMOUNT EARNED TO DATE		
	LABOR	MATERIAL	LABOR	MATERIAL	LABOR	MATERIAL	TOTAL
6.1. GENERAL							
6.1.1. RECEIVING / OFF-LOADING SUBSTATION PACKAGE							
6.1.2. TRANSPORTATION OF MISC. MATERIAL							
6.2. STRUCTURE ERECTION							
6.2.1. A-FRAME STRUCTURE ERECTION							
6.3. 230 KV EQUIPMENT INSTALLATION							
6.3.1. 230 KV INSULATORS, BUSWORK, CONNECTORS							
6.3.2. 230 KV LA'S							
6.3.3. 230 KV BREAKER							
6.3.4. 230 KV CABLE JUMPERS							
6.4. YARD LIGHTING							
6.4.1. A-FRAME LIGHTS							
6.4.2. CABLING							
6.5. POWER AND CONTROL CABLE							
6.5.1. 21#10 TYPE BS							
6.5.2. 8#10 TYPE BS							
6.5.3. 4#10 TYPE BS							
6.5.4. #2 TYPE C							
6.5.5. #6 TYPE C							
6.5.6. 3#10 TYPE C							
6.5.7. TERMINATE AC CABLE							
6.5.8. TERMINATE DC CABLE							
7. ELECTRICAL TESTING							
7.1. INFRARED TEMPERATURE SURVEY							
8. MISCELLANEOUS OTHER (SPECIFY)							

SCHEDULE - Northside Bay Addition Const.mpp

ID	WBS	Task Name	Duration	Start	Finish	Qtr 1, 2018 Oct	Nov	Dec	Qtr 2, 2018 Jan	Feb	Mar	Qtr 3, 2018 Apr
1	1	<b>Northside 230kV Bay Addition</b>	175 days	Mon 5/1/17	Fri 12/29/17							
2	1.1	<b>Construction</b>	55 days	Mon 10/9/17	Fri 12/22/17							
3	1.1.1	Commence Construction & Pre-Construction Meeting	0 days	Mon 10/9/17	Mon 10/9/17							
4	1.1.2	Construction Walkdown, Site Preparation, Mobilization, Survey	5 days	Mon 10/9/17	Fri 10/13/17							
5	1.1.3	<b>Northside Construction</b>	50 days	Mon 10/16/17	Fri 12/22/17							
6	1.1.3.1	BEGIN OUTAGE Open Breaker 950G2 and Switches 9323, 9322, 9321, & 9320	0 days	Mon 10/16/17	Mon 10/16/17							
7	1.1.3.2	Drilled Caisson Installation Qty-4 (30 Day Cure)	20 days	Mon 10/16/17	Fri 11/10/17							
8	1.1.3.3	Breaker Foundation Installation (30 Day Cure)	20 days	Mon 10/16/17	Fri 11/10/17							
9	1.1.3.4	Ground Grid Installation	5 days	Mon 11/13/17	Fri 11/17/17							
10	1.1.3.5	230kV Yard Conduit Installation	5 days	Mon 11/13/17	Fri 11/17/17							
11	1.1.3.6	New Breaker Relay Panel Installation	5 days	Mon 11/27/17	Fri 12/1/17							
12	1.1.3.7	230kV Yard Steel Installation	10 days	Mon 11/13/17	Fri 11/24/17							
13	1.1.3.8	230kV Yard Buswork, Breakers, Jumpers	15 days	Mon 11/13/17	Fri 12/1/17							
14	1.1.3.9	26kV Yard Low Voltage Electrical Installation & Cabling	5 days	Mon 12/4/17	Fri 12/8/17							
15	1.1.3.10	26kV Yard P&C Checkout	10 days	Mon 12/11/17	Fri 12/22/17							
16	1.1.3.11	END OUTAGE Energize Station	0 days	Fri 12/22/17	Fri 12/22/17							
17	1.1.4	<b>SJRPP Construction</b>	34 days	Mon 10/16/17	Thu 11/30/17							
18	1.1.4.1	PVT Foundation Installation (30 Day Cure)	20 days	Mon 10/16/17	Fri 11/10/17							
19	1.1.4.2	Install Conduit System	5 days	Mon 10/16/17	Fri 10/20/17							
20	1.1.4.3	Install PVT Grounding	3 days	Mon 11/13/17	Wed 11/15/17							
21	1.1.4.4	Install PVT Structure	6 days	Mon 11/13/17	Mon 11/20/17							
22	1.1.4.5	BEGIN OUTAGE Open Breakers 937E, 9SUTE, 938E, 9G1E and Switches 9017-9024	0 days	Mon 11/20/17	Mon 11/20/17							
23	1.1.4.6	Install 3x NEMA on Bus (contractor to weld)	3 days	Tue 11/21/17	Thu 11/23/17							
24	1.1.4.7	Install PVTs, Cable, and Conduit to PVT Junction Box	4 days	Tue 11/21/17	Fri 11/24/17							
25	1.1.4.8	END OUTAGE Energize East Bus	0 days	Fri 11/24/17	Fri 11/24/17							
26	1.1.4.9	Install Station Service Cables	3 days	Mon 11/27/17	Wed 11/29/17							
27	1.1.4.10	De-energize Plant SS Feeds	1 day	Thu 11/30/17	Thu 11/30/17							
28	1.1.4.11	Terminate and Energize New SS Feeds	1 day	Thu 11/30/17	Thu 11/30/17							
29	1.1.5	Construction Substantially Complete Cleanup and Demob	0 days	Fri 12/22/17	Fri 12/22/17							



Critical	Task Progress	Baseline	Summary	Inactive Task
Critical Split	Manual Task	Baseline Split	Manual Summary	Inactive Milestone
Critical Progress	Start-only	Baseline Milestone	Project Summary	Inactive Summary
Task	Finish-only	Milestone	External Tasks	Deadline
Split	Duration-only	Summary Progress	External Milestone	



**PROJECT DESIGN SEGMENT 20410  
NORTHSIDE BAY ADDITION  
BILL OF NON-STOCK ELECTRICAL MATERIALS**

**GENERAL NOTES:**

1. THE PURPOSE OF THE NON-STOCK MATERIAL LIST IS TO IDENTIFY LONG LEAD TIME OR OTHERWISE UNIQUE OR IMPORTANT MATERIAL THAT IS TYPICALLY A NON-STOCK ITEM FOR JEA, OR IS NOT USUALLY STOCKED IN SUFFICIENT QUANTITY. THE MATERIAL MAY BE PROVIDED BY JEA TO THE CONTRACTOR, OR MAY BE REQUIRED TO BE PROCURED BY THE CONTRACTOR. ALL MATERIAL SHALL BE PROVIDED BY THE CONTRACTOR UNLESS NOTED AS BEING PROCURED BY "OWNER".
2. THE CONTRACTOR SHALL DETERMINE THE SCOPE OF SUPPLY BASED ON ENGINEERING DRAWINGS AND THE CONTRACT DOCUMENTS. THE MATERIAL REPRESENTED IN THE DOCUMENTS IS PROVIDED AS AN ENGINEERING ESTIMATE TO ASSIST WITH BIDDING AND PRELIMINARY PROJECT PLANNING. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL QUANTITIES.
3. ALL MATERIALS PROCURED OR RECEIVED BY THE CONTRACTOR SHALL REMAIN IN THE CARE, CUSTODY, AND CONTROL OF THE CONTRACTOR UNTIL FINAL ACCEPTANCE. CONTRACTOR WILL BE RESPONSIBLE FOR ANY LOSS OR DAMAGE TO SAID MATERIAL.
4. ALL OTHER MATERIAL REQUIRED FOR A COMPLETE INSTALLATION THAT MAY BE REASONABLY INFERRED FROM THESE DRAWINGS AND SPECIFICATIONS, BUT NOT SPECIFICALLY LISTED, SHALL BE SUPPLIED BY THE CONTRACTOR IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS, BEST INDUSTRY PRACTICES, AND PREVAILING CUSTOM. LITERAL ADHERENCE SHALL NOT RELIEVE THE CONTRACTOR OF THE ULTIMATE RESPONSIBILITY FOR ACCOMPLISHING THE INTENT OF THE PROJECT. THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO ALL SOIL, REBAR, CONCRETE, AGGREGATE, GEOTEXTILES, PIPE, CONTAINMENT LINER, FENCING, LANDSCAPING, CONDUIT, CONDUIT FITTINGS AND HARDWARE, GROUNDING CONDUCTOR AND CONNECTORS, CLAMPS, UNISTRUT, FASTENERS, MISCELLANEOUS ELECTRICAL EQUIPMENT, WIREWAY, ELECTRICAL BOXES, RECEPTACLES, SWITCHES, TERMINAL BLOCKS, CONNECTORS, POWER CABLE, FITTINGS, ALL LABELING MATERIALS, ETC.

**SUBSTATION MATERIAL PACKAGER NOTES:**

1. THE CONTRACTOR WILL BE RESPONSIBLE FOR RECEIVING, UNLOADING, AND INSTALLING THE MATERIALS FROM THE OWNER'S SUBSTATION PACKAGER IN THE MANNER INDICATED IN THESE SPECIFICATIONS AND DRAWINGS.
2. THE CONTRACTOR SHALL REQUEST DELIVERY OF THESE ITEMS VIA THE PROJECT REPRESENTATIVE. THE AVAILABILITY OF THESE ITEMS IS CLOSELY LINKED TO THE PROJECT SCHEDULE AS LISTED IN THESE SPECIFICATIONS AND DRAWINGS.
3. THE COLUMN LISTED AS "ITEM ID #" CORRESPONDS TO THE ITEM CIRCLES SHOWN ON THE SUBSTATION PACKAGER DRAWINGS. WHERE DISCREPANCIES EXIST; THE CONTRACTOR SHOULD NOTIFY THE PROJECT ENGINEER IN WRITING FOR CLARIFICATION AND / OR CORRECTION.

**FILE:** NP17 - APPENDIX III - BILL OF NON-STOCK MATERIALS.DOCX

**DATE:** 8/1/2017

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# **BILL OF NON-STOCK ELECTRICAL MATERIAL NORTHSIDE BAY ADDITION**

**PAGE.: 2 OF 2**

<b>ITEM #</b>	<b>QTY</b>	<b>DESCRIPTION</b>	<b>MANUFACTURER</b>	<b>PART #</b>	<b>COMMENTS</b>	<b>PROCUREMENT BY</b>
1.	LOT	CONDUIT & DUCTBANK MATERIALS	-----	-----	SEE CONDUIT SCHEDULE	CONTRACTOR
2.	LOT	LOW VOLTAGE AC BREAKERS	-----	-----	SEE DWG NP172LV1	CONTRACTOR
3.	LOT	600V POWER CABLE	-----	-----	SEE CABLE SCHEDULE	CONTRACTOR
4.	2	20A TOGGLE SWITCH (A-FRAME LIGHTS)	-----	-----	SEE GENERAL NOTE 4	CONTRACTOR
5.	LOT	MISC. MATERIALS TO COMPLETE PROJECT	-----	-----	SEE GENERAL NOTE 4	CONTRACTOR
6.	1	CADWELD MOLD, TYPE TA, 19#8 CW MAIN TO 7#5 CW TAP	CADWELD	TAC9G9E	-----	CONTRACTOR
7.	1	CADWELD MOLD, TYPE TA, 4/0 AWG CU MAIN TO 7#5 CW TAP	CADWELD	TAC2Q9E	-----	CONTRACTOR
8.	LOT	CADWELD SYSTEM WELD METALS, IGNITION, CLAMPS, BRUSHES, RASPS AND OTHER MATERIAL AS REQUIRED	CADWELD	VARIOUS	-----	CONTRACTOR



**PROJECT DESIGN SEGMENT 20410  
NORTHSIDE BAY ADDITION  
MATERIALS FURNISHED BY OWNER**

**GENERAL NOTES:**

1. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR TRANSPORTING HIGH-VOLTAGE CIRCUIT BREAKERS TO THE SUBSTATION SITE. THE CONTRACTOR'S RESPONSIBILITY IN REGARDS TO SITE ACCESS, FOUNDATIONS, AND ASSEMBLY OF THE LARGE EQUIPMENT IS OUTLINED IN SECTION IX OF THESE SPECIFICATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ORDERING THE JEA STOCK MATERIAL THROUGH THE JEA PROJECT REPRESENTATIVE AT LEAST TWO (2) WEEKS IN ADVANCE OF NEED, RECEIVING AND LOADING THE MATERIAL AT AN ARBITRARY JEA LOCATION WITHIN DUVAL COUNTY, FLORIDA, AS WELL AS TRANSPORTING THE MATERIAL TO THE SUBSTATION SITE, OFFLOADING, AND INSTALLING THE MATERIAL AT THE JOBSITE.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRANSPORTING AND OFFLOADING THE 125VDC STATION BATTERIES, BATTERY CHARGERS, AND ACCESSORIES AT THE SUBSTATION SITE FROM AN ARBITRARY JEA LOCATION WITHIN DUVAL COUNTY, FLORIDA. THE CONTRACTOR SHALL MOVE THE BATTERY BANK CELLS, RACKS, AND EQUIPMENT TO THE BATTERY BANK ROOM, UPON COMPLETION OF THE BATTERY BANK ROOM, FOR INSTALLATION BY THE MANUFACTURER.
4. THE OWNER SHALL FURNISH, TRANSPORT, AND INSTALL THE COMMUNICATIONS AND SECURITY RACKS IN THE CONTROL HOUSE.
5. ALL MATERIALS PICKED UP OR RECEIVED BY THE CONTRACTOR SHALL REMAIN IN THE CARE, CUSTODY, AND CONTROL OF THE CONTRACTOR UNTIL FINAL ACCEPTANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY LOSS OR DAMAGE TO SAID MATERIALS.
6. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING AND INSTALLING MISCELLANEOUS ITEMS NOT LISTED IN THIS MATERIAL LIST, AS WELL AS ADDITIONAL MATERIALS LISTED ON THE DRAWINGS AND IN THE SPECIFICATIONS. THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO CONDUIT, CONDUIT FITTINGS AND HARDWARE, GROUNDING CONDUCTOR AND CONNECTORS, CLAMPS, UNISTRUT, FASTENERS, MISCELLANEOUS ELECTRICAL EQUIPMENT, WIREWAY, ELECTRICAL BOXES, RECEPTACLES, SWITCHES, TERMINAL BLOCKS, CONNECTORS, POWER CABLE, FITTINGS, ALL LABELING MATERIALS, ETC.

**DATE:** 8/1/2017

**FILE:** NP17 - APPENDIX IV - MATERIALS FURNISHED BY OWNER.DOCX

**PAGE:** 1 of 2



**MATERIALS FURNISHED BY OWNER  
NORTHSIDE BAY ADDITION**

PAGE: 2 of 2

QTY	DESCRIPTION	MANUFACTURER / JEA ITEM #	COMMENTS	DELIVERED TO / PICKUP FROM	RESPONSIBILITY FOR TRANSPORT / OFF-LOAD
1 LOT	LOT OF SUBSTATION ANCHOR BOLTS, BUSWORK, STRUCTURES, AND ASSOCIATED EQUIPMENT	FURNISHED BY SUBSTATION PACKAGER	SEE APPENDIX III	PROVIDED BY SUBSTATION PACKAGER - DELIVERED TO SUBSTATION SITE	TRANSPORTATION BY JEA OFF-LOAD BY CONTRACTOR
1	230KV POWER CIRCUIT BREAKERS	-----	-----	SEE NOTE 1	TRANSPORTATION BY JEA OFF-LOAD BY CONTRACTOR
TBD	FEET, SHIELDED CONTROL CABLE, #10, 4/C 5000 FT. SPOOL TYP.	STORE ROOM STOCK # CAICN016	-----	SEE NOTE 2	CONTRACTOR
TBD	FEET, SHIELDED CONTROL CABLE, #10, 21/C 2500 FT. SPOOL TYP.	STORE ROOM STOCK # CAICN018	-----	SEE NOTE 2	CONTRACTOR
4	LUMINAIRE, LED, 38W REPLACEMENT, COBRAHEAD, 120 VAC, *USE PHOTO- CONTROL STLPC010*	STORE ROOM STOCK # STLLE001	-----	SEE NOTE 2	CONTRACTOR
4	PHOTOCONTROL, LONG LIFE FOR LED FIXTURE, 1280 JOULE MOV, FAIL OFF, GREEN	STORE ROOM STOCK # STLPC010	-----	SEE NOTE 2	CONTRACTOR
1	PULL BOX, 24"W x 36"L x 18"D	STORE ROOM STOCK # BOXSE002	-----	SEE NOTE 2	CONTRACTOR



**PROJECT DESIGN SEGMENT 20410  
NORTHSIDE BAY ADDITION  
CONDUIT SCHEDULE**

**NOTES:**

1. THE CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY CONDUIT MATERIALS, INCLUDING FITTINGS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL CONDUIT LENGTHS. CONDUIT LENGTHS ARE APPROXIMATE.

**CONDUIT LEGEND:**

UV -	UV RESISTANT PVC CONDUIT, SCH 40; LFMC AS REQ.
EMT -	ELECTRICAL METALLIC TUBING
RMC -	RIGID METALLIC (GALVANIZED STEEL) CONDUIT
IMC -	INTERMEDIATE METALLIC CONDUIT
LFMC -	LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT
WW -	SQUARE WIREWAY
AL -	ALUMINUM CONDUIT

FILE: NP17 - APPENDIX V - CONDUIT SCHEDULE.DOCX

DATE: 8/1/2017

PAGE: 1 OF 2

# **CONDUIT SCHEDULE NORTHSIDE BAY ADDITION**

PAGE.: 2 OF 2

CONDUIT #	FROM	TO	SIZE IN.	TYPE	~LENGTH FT.	CABLES IN CONDUIT #	REMARKS
<b>BREAKER 934S</b>							
934SC1	BREAKER 934S	CABLE TRENCH	3	UV	130	934S/C1	CONTROL
934SC2	BREAKER 934S	CABLE TRENCH	3	UV	130	934S/C2	CONTROL
934SC3	BREAKER 934S	CABLE TRENCH	3	UV	130	934S/934PR, 934S/SB1	PRIMARY PROTECTION
934SC4	BREAKER 934S	CABLE TRENCH	3	UV	130	934S/934SC, 934S/SB2	SECONDARY PROTECTION
934SC5	BREAKER 934S	AC YARD PANEL '9YP-1P'	1.5	UV	210	934S/AC	208VAC POWER
<b>BREAKER 934G2</b>							
934G2C1	BREAKER 934G2	CABLE TRENCH	3	UV	200	934G2/934PR	CONTROL
934G2C2	BREAKER 934G2	CABLE TRENCH	3	UV	200	934G2/934SC	CONTROL
<b>YARD LIGHTING</b>							
YLB4C1	AC YARD PANEL '9YP-1P'	A-FRAME COLUMN (NW)	1.5	UV	135	YLB41/AC	-----
YLB4C2	A-FRAME COLUMN (NW)	A-FRAME COLUMN (SW)	1	UV	30	YLB42/AC	-----
YLB4C3	A-FRAME COLUMN (SW)	A-FRAME COLUMN (SE)	1	UV	65	YLB43/AC	-----
YLB4C4	A-FRAME COLUMN (SE)	A-FRAME COLUMN (NE)	1	UV	30	YLB44/AC	-----
<b>END</b>							



**PROJECT DESIGN SEGMENT 20410  
ST. JOHNS RIVER POWER PARK (SJRPP) STATION SERVICE MODIFICATION  
CONDUIT SCHEDULE**

**NOTES:**

1. THE CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY CONDUIT MATERIALS, INCLUDING FITTINGS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL CONDUIT LENGTHS. CONDUIT LENGTHS ARE APPROXIMATE.

**CONDUIT LEGEND:**

UV -	UV RESISTANT PVC CONDUIT, SCH 40; LFMC AS REQ.
EMT -	ELECTRICAL METALLIC TUBING
RMC -	RIGID METALLIC (GALVANIZED STEEL) CONDUIT
IMC -	INTERMEDIATE METALLIC CONDUIT
LFMC -	LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT
WW -	SQUARE WIREWAY
AL -	ALUMINUM CONDUIT

FILE: SJ17 - APPENDIX V - CONDUIT SCHEDULE.DOCX

DATE: 8/1/2017

PAGE: 1 OF 2

# **CONDUIT SCHEDULE** **SJRPP STATION SERVICE MODIFICATION**

PAGE.: 2 OF 2

CONDUIT #	FROM	TO	SIZE IN.	TYPE	~LENGTH FT.	CABLES IN CONDUIT #	REMARKS
<b>STATION SERVICE (PRIMARY)</b>							
SSB1C1	230KV PVT "A" PHASE	PVT SECONDARY DISCONNECT 'SS1JB'	2	UV	50	SS1A/AC	230KV PVT "A" PHASE FEED
SSB1C2	230KV PVT "B" PHASE	PVT SECONDARY DISCONNECT 'SS1JB'	2	UV	10	SS1B/AC	230KV PVT "B" PHASE FEED
SSB1C3	230KV PVT "C" PHASE	PVT SECONDARY DISCONNECT 'SS1JB'	2	UV	50	SS1C/AC	230KV PVT "C" PHASE FEED
SSB1MC1	PVT SECONDARY DISCONNECT 'SS1JB'	WALL ENCLOSURE #1 ON CONTROL HOUSE (NORTH WALL) ***FIELD COORDINATE EXACT LOCATION***	4	UV	130	SS1M/AC	NORMAL FEED
SSB1MC2	PVT SECONDARY DISCONNECT 'SS1JB'	STUB UP AND CAP CONDUIT AT CONTROL HOUSE (NORTH WALL) ***FIELD COORDINATE EXACT LOCATION***	4	UV	130	-----	SPARE
SSB1MC3	WALL ENCLOSURE #1	CABLE TRAY	4	RMC	20	SS1M/AC	NORMAL FEED
SSB1MC4	CABLE TRAY	ATS #1	4	RMC	15	SS1M/AC	***USE IF NEEDED***
<b>STATION SERVICE (SECONDARY)</b>							
SSB2MC1	AC PULL BOX 'AC-1'	XFMR SECONDARY DISCONNECT 'SS2JB'	4	UV	420	SS2M1/AC	EMERGENCY FEED
SSB2MC2	AC PULL BOX 'AC-1'	XFMR SECONDARY DISCONNECT 'SS2JB'	4	UV	420	-----	SPARE
SSB2MC3	AC PULL BOX 'AC-1'	***EXTEND TEN (10') FEET BEYOND FENCE LINE***	4	UV	20	SS2M1/AC	EMERGENCY FEED
SSB2MC4	AC PULL BOX 'AC-1'	***EXTEND TEN (10') FEET BEYOND FENCE LINE***	4	UV	20	-----	SPARE
SSB2MC5	XFMR SECONDARY DISCONNECT 'SS2JB'	CABLE TRAY	4	RMC	20	SS2M2/AC	EMERGENCY FEED
SSB2MC6	CABLE TRAY	ATS #2	4	RMC	15	SS2M2/AC	***USE IF NEEDED***
<b>END</b>							



## SYSTEM PROTECTION & CONTROL PROJECTS 20413 CABLE SCHEDULE NORTHSIDE BAY ADDITION

### CABLE NOTES:

1. TYPE B, BS, F, AND FO CABLE SHALL BE FURNISHED BY THE OWNER, UNLESS OTHERWISE SPECIFIED.
2. THE CONTRACTOR SHALL FURNISH ALL OTHER CABLE, AS SPECIFIED.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL CABLE LENGTHS. CABLE LENGTHS LISTED ARE APPROXIMATE.

### CABLE LEGEND:

- A - THHN INSULATED COPPER CONDUCTOR, RATED 600V
- B - CONTROL CABLE
- BS - SHIELDED CONTROL CABLE
- C - RHW, THHW, OR THWN INSULATED COPPER CONDUCTOR, RATED 600V
- F - INSTRUMENT CABLE
- FO - FIBER OPTIC CABLE
- S - SINGLE CONDUCTOR
- M - MULTIPLE CONDUCTOR

# CABLE SCHEDULE NORTHSIDE BAY ADDITION

PAGE: 2 OF 2

CABLE #	FROM	TO	VOLT	SIZE	#C	S/M	TYPE	LNGTH ckt ft	CONDUIT #	REMARKS
<b>BKR 934S</b>										
934S/C1	BKR934S	230KV LINE 934 PNL	600	10	21	M	BS	1300	934SC1, CT, TRAY	BKR 934S CONTROL
934S/C2	BKR934S	230KV LINE 934 PNL	600	10	21	M	BS	1300	934SC2, CT, TRAY	BKR 934S CONTROL
934S/934PR	BKR934S	230KV LINE 934 PNL	600	2x10	4	M	BS	1300	934SC3, CT, TRAY	934 PRIMARY PROTECTION
934S/934SC	BKR934S	230KV LINE 934 PNL	600	2x10	4	M	BS	1300	934SC4, CT, TRAY	934 SECONDARY PROTECTION
934S/SB1	BKR934S	230KV LINE 934 PNL	600	2x10	4	M	BS	1300	934SC3, CT, TRAY	230KV SOUTH BUS PRIMARY PROTECTION
934S/SB2	BKR934S	230KV LINE 934 PNL	600	2x10	4	M	BS	1300	934SC4, CT, TRAY	230KV SOUTH BUS SECONDARY PROTECTION
934S/AC	BKR934S	AC YARD PANEL '9YP-1P'	600	8	3	S	C	230	934SC5	AC POWER
<b>BKR 934G2</b>										
934G2/934PR	BKR934G2	230KV LINE 934 PNL	600	2x10	4	M	BS	1300	934G2C1, CT, TRAY	934 PRIMARY PROTECTOIN
934G2/934SC	BKR934G2	230KV LINE 934 PNL	600	2x10	4	M	BS	1300	934G2C2, CT, TRAY	934 SECONDARY PROTECTION
<b>YARD LIGHTING</b>										
YLB41/AC	AC YARD PANEL '9YP-1P'	A-FRAME COLUMN (NW)	600	10	3	S	C	175	YLB4C1	-----
YLB42/AC	A-FRAME COLUMN (NW)	A-FRAME COLUMN (SW)	600	10	3	S	C	70	YLB4C2	-----
YLB43/AC	A-FRAME COLUMN (SW)	A-FRAME COLUMN (SE)	600	10	3	S	C	105	YLB4C3	-----
YLB44/AC	A-FRAME COLUMN (SE)	A-FRAME COLUMN (NE)	600	10	3	S	C	70	YLB4C4	-----
<b>END</b>										



**PROJECT DESIGN SEGMENT 20410  
ST. JOHNS RIVER POWER PARK (SJRPP) STATION SERVICE MODIFICATION  
CABLE SCHEDULE**

**CABLE NOTES:**

1. TYPE B, BS, F, FO AND MEDIUM VOLTAGE CABLE SHALL BE FURNISHED BY THE OWNER, UNLESS OTHERWISE SPECIFIED.
2. THE CONTRACTOR SHALL FURNISH ALL OTHER CABLE, AS SPECIFIED.
3. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL CABLE LENGTHS. CABLE LENGTHS LISTED ARE APPROXIMATE.

**CABLE LEGEND:**

A	THHN INSULATED COPPER CONDUCTOR, RATED 600V
B	CONTROL CABLE
BS	SHIELDED CONTROL CABLE
C	RHW, THHW, OR THWN INSULATED COPPER CONDUCTOR, RATED 600V
F	INSTRUMENT CABLE
FO	FIBER OPTIC CABLE
S	SINGLE CONDUCTOR
M	MULTIPLE CONDUCTOR

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# CABLE SCHEDULE SJRPP STATION SERVICE MODIFICATION

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CABLE #	FROM	TO	VOLT	SIZE	#C	S/M	TYPE	LNTH ckt ft	CONDUIT #	REMARKS
<b>STATION SERVICE (PRIMARY)</b>										
SS1A/AC	230KV PVT "A" PHASE	PVT SECONDARY DISCONNECT 'SS1JB'	600	4/0	1	S	C	50	SSB1C1	230KV PVT "A" PHASE FEED
SS1B/AC	230KV PVT "B" PHASE	PVT SECONDARY DISCONNECT 'SS1JB'	600	4/0	1	S	C	20	SSB1C2	230KV PVT "B" PHASE FEED
SS1C/AC	230KV PVT "C" PHASE	PVT SECONDARY DISCONNECT 'SS1JB'	600	4/0	1	S	C	50	SSB1C3	230KV PVT "C" PHASE FEED
SS1M/AC	PVT SECONDARY DISCONNECT 'SS1JB'	ATS #1	600	4/0	3	S	C	240	SSB1MC1, WE-1, SSB1MC3, TRAY, SSB1MC4	NORMAL FEED
<b>STATION SERVICE (SECONDARY)</b>										
SS2M1/AC	JEA PADMOUNT XFMR ***OUTSIDE FENCE LINE***	XFMR SECONDARY DISCONNECT 'SS2JB'	600	4/0	3	S	C	600	SSB2MC3, AC-1, SSB2MC1	EMERGENCY FEED
SS2M2/AC	XFMR SECONDARY DISCONNECT 'SS2JB'	ATS #2	600	4/0	3	S	C	120	SSB2MC5, TRAY, SSB2MC6	EMERGENCY FEED
<b>HEATERS</b>										
SS1HTR/AC	PVT SECONDARY DISCONNECT 'SS1JB'	CONTROL BUILDING AC PANEL 'PP-1B333'	600	8	4	M	C	240	SSB1MC1, WE-1, SSB1MC3, TRAY	120VAC POWER (SEE NOTE 7, DWG LV1)
SS2HTR/AC	XFMR SECONDARY DISCONNECT 'SS2JB'	CONTROL BUILDING AC PANEL 'PP-1B333'	600	8	4	M	C	120	SSB2MC5, TRAY	120VAC POWER (SEE NOTE 7, DWG LV1)
<b>END</b>										

## **APPENDIX VII – CIVIL REFERENCES**

### **1.1. CIVIL REFERENCES**

1.1.1. The latest edition and published addenda of the referenced publications herein effective on the date of Contract Award are a part of this Section and, where referred to by title or by basic designation only, are applicable to the extent indicated by the specific reference:

A. American Association of State Highway and Transportation Officials (AASHTO):

1. M 43 - Standard Specification for Sizes of Aggregate for Road and Bridge Construction
2. M 145 - Standard Specification for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes
3. M 294 - Standard Specification for Corrugated Polyethylene Pipe 300 to 1500 mm (12 to 60-in) Diameter
4. T 26 - Standard Method of Test for Quality of Water to Be Used in Concrete
5. T 99 - Moisture-Density Relations of Soils Using a 2.5-kg (5.5-lb) Rammer and a 305-mm (12-in.) Drop
6. T 180 - Moisture-Density Relations of Soils Using a 10-lb Rammer and 18-inch Drop
7. T 191 - Standard Method of Test for Density of Soil In-Place by the Sand Cone Method

B. American Concrete Institute (ACI):

1. 117 - Specification for Tolerances for Concrete Construction and Materials
2. 229R - Report on Controlled Low-Strength Materials
3. 301 - Specifications for Structural Concrete
4. 304R - Guide for Measuring, Mixing, Transporting and Placing Concrete
5. 305R - Hot Weather Concreting
6. 306R - Cold Weather Concreting
7. 309R - Guide for Consolidation of Concrete
8. 318 - Building Code Requirements for Structural Concrete
9. 336.1 - Specification for the Construction of Drilled Piers
10. 347 - Guide to Formwork for Concrete
11. 530/530.1 - Building Code Requirements and Specification for Masonry Structures

C. American Institute of Steel Construction (AISC):

1. 303 - Code of Standard Practice for Steel Buildings and Bridges

D. American National Standards Institute (ANSI):

1. A 185/A185M - Standard Specification for Steel Welded Wire Reinforcement, Plain, for Concrete

E. American Petroleum Institute (API):

1. RP 13B-1 - Recommended Practice for Field Testing Water-based Drilling Fluids

F. Association of Drilled Shaft Contractors (ADSC) - The International Association of Foundation Drilling:

1. "Drilled Shaft Inspector's Manual", 2004.

G. ASTM International (ASTM):

1. A 36 - Standard Specification for Carbon Structural Steel
2. A 53 - Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless

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3. A 123 - Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products
4. A 153 - Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware
5. A 185 - Standard Specification for Steel Welded Wire Reinforcement, Plain, for Concrete
6. A 325 - Standard Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength
7. A 370 - Standard Test Methods and Definitions for Mechanical Testing of Steel Products
8. A 392 - Standard Specification for Zinc Coated Steel Chain-Link Fence Fabric
9. A 497 - Standard Specification for Steel Welded Wire Reinforcement, Deformed, for Concrete.
10. A 563 - Standard Specification for Carbons and Alloy Steel Nuts
11. A 615/A615M - Standard Specification for Deformed and Plain Carbon Steel Bars for Concrete Reinforcement
12. A 653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process
13. A 706 - Standard Specification for Low-Alloy Steel Deformed and Plain Bars for Concrete Reinforcement
14. A 780 - Standard Practice for Repair of Damaged and Uncoated Areas of Hot-Dip Galvanized Coatings
15. A 924/A 924M - Standard Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process
16. A 992 - Standard Specification for Structural Steel Shapes
17. B 209 - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
18. B 695 - Standard Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel
19. C 5 - Standard Specification for Quicklime for Structural Purposes
20. C 29 - Standard Test Method for Bulk Density (Unit Weight) and Voids in Aggregate
21. C 31 - Standard Practice for Making and Curing Concrete Test Specimens in the Field
22. C 33 - Standard Specification for Concrete Aggregates
23. C 39 - Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens
24. C 40 - Standard Test Method for Organic Impurities in Fine Aggregates for Concrete
25. C 42 - Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete
26. C 76 - Standard Specification for Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe
27. C 88 - Standard Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate
28. C 90 - Standard Specification for Loadbearing Concrete Masonry Units
29. C 91 - Standard Specification for Masonry Cement
30. C 94 / C94M - Standard Specification for Ready-Mixed Concrete
31. C 109 - Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or 50-mm Cube Specimens)
32. C 117 - Standard Test Method for Materials Finer than 75  $\mu\text{m}$  (No. 200) Sieve in Mineral Aggregates by Washing
33. C 123 - Standard Test Method for Lightweight Particles in Aggregate

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34. C 127 - Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate
35. C 128 - Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate
36. C 131 - Standard Test Method for Resistance to Degradation of Small Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
37. C 136 - Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates
38. C 138 - Standard Test Method for Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete
39. C 142 - Standard Test Method for Clay Lumps and Friable Particles in Aggregates
40. C 143 - Standard Test Method for Slump of Hydraulic Cement Concrete
41. C 144 – Standard Specification for Aggregate for Masonry Mortar
42. C 150 - Standard Specification for Portland Cement
43. C 172 - Standard Practice for Sampling Freshly Mixed Concrete
44. C 173 - Standard Test Method for Air Content of Freshly Mixed Concrete by the Volumetric Method
45. C 192 - Standard Practice for Making and Curing Concrete Test Specimens in the Laboratory
46. C 207 – Standard Specification for Hydrated Lime for Masonry Purposes
47. C 231 - Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method
48. C 260 - Standard Specification for Air-Entraining Admixtures for Concrete
49. C 270 - Standard Specification for Mortar for Unit Masonry
50. C 289 - Standard Test Method for Potential Alkali-Silica Reactivity of Aggregates (Chemical Method)
51. C 309 - Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete
52. C 403 - Standard Test Method for Time of Setting of Concrete Mixtures by Penetration Resistance
53. C 404 - Standard Specification for Aggregates for Masonry Grout
54. C 443 - Standard Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastometric Seals
55. C 451 - Standard Test Method for Early Stiffening of Hydraulic Cement (Paste Method)
56. C 470 - Standard Specification for Molds for Forming Concrete Test Cylinders Vertically
57. C 476 - Standard Specification for Grout for Masonry
58. C 494/C494M - Standard Specification for Chemical Admixtures for Concrete
59. C 535 - Standard Test Method for Resistance to Degradation of Large Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
60. C 566 - Standard Test Method for Total Evaporable Moisture Content of Aggregate by Drying
61. C 617 - Standard Practice for Capping Cylindrical Concrete Specimens
62. C 618 - Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete
63. C 890 - Standard Practice for Minimum Structural Design Loading for Monolithic or Sectional Precast Concrete Water and Wastewater Structures
64. C 913 - Standard Specification for Precast Concrete Water and Wastewater Structures

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65. C 920 - Standard Specification for Elastomeric Joint Sealants
66. C 937 - Standard Specification for Grout Fluidifier for Preplaced-Aggregate Concrete
67. C 1017 - Standard Specification for Chemical Admixtures for Use in Producing Flowing Concrete
68. C 1064 - Standard Test Method for Temperature of Freshly Mixed Hydraulic-Cement Concrete
69. C 1077 - Standard Practice for Laboratories Testing Concrete, and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation
70. C 1218 - Standard Test Method for Water-Soluble Chloride in Mortar and Concrete
71. C 1602 - Standard Specification for Mixing Water Used in the Production of Hydraulic Cement Concrete
72. D 448 - Standard Classification for Sizes of Aggregate for Road and Bridge Construction
73. D 698 - Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft-lbf/ft<sup>3</sup> (600 kN-m/m<sup>3</sup>))
74. D 854 - Standard Test Methods for Specific Gravity of Soil Solids by Water Pycnometer
75. D 994 - Standard Specification for Preformed Expansion Joint Filler for Concrete (Bituminous Type)
76. D 1140 - Standard Test Methods for Determining the Amount of Material Finer Than 75  $\mu$ m (No. 200 Sieve) in Soils by Washing
77. D 1556 - Standard Test Method for Density and Unit Weight of Soil in Place by Sand-Cone Method
78. D 1557 - Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft<sup>3</sup> (2,700 kN-m/m<sup>3</sup>))
79. D 1751 - Standard Specification for Preformed Expansion Joint Fillers for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types)
80. D 1752 - Standard Specification for Preformed Sponge Rubber Cork and Recycled PVC Expansion Joint Fillers for Concrete Paving and Structural Construction
81. D 2167 - Standard Test Method for Density and Unit Weight of Soil in Place by the Rubber Balloon Method
82. D 2487 - Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System)
83. D 2488 - Standard Practice for Description and Identification of Soils (Visual-Manual Procedure)
84. D 2922 - Standard Test Methods for Density of Soil and Soil-Aggregate in Place by Nuclear Methods (Shallow Depth)
85. D 2940 - Standard Specification Graded Aggregate Material for Bases or Subbases for Highways or Airports
86. D 3282 - Standard Practice for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes
87. D 3740 - Standard Practice for Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction
88. D 4318 - Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils
89. D 4355 - Standard Test Method for Deterioration of Geotextiles by Exposure to Light, Moisture and Heat in a Xenon Arc Type Apparatus
90. D 4533 - Standard Test Method for Trapezoid Tearing Strength of Geotextiles
91. D 4595 - Standard Test Method for Tensile Properties of Geotextiles by the Wide-Width Strip Method
92. D 4632 - Standard Test Method for Grab Breaking Load and Elongation of Geotextiles

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93. D 4751 - Standard Test Method for Determining Apparent Opening Size of a Geotextile
94. D 4832 - Standard Test Method for Preparation and Testing of Controlled Low Strength Material (CLSM) Test Cylinders
95. D 5199 - Standard Test Method for Measuring the Nominal Thickness of Geosynthetics
96. D 5261 - Standard Test Method for Measuring Mass per Unit Area of Geotextiles
97. D 6241 - Standard Test Method for the Static Puncture Strength of Geotextiles and Geotextile-Related Products Using a 50-mm Probe
98. D 6913 – Standard Test Methods for Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis
99. D 6938 – Standard Test Method for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)
100. D 7949 - Standard Test Methods for Thermal Integrity Profiling of Concrete Deep Foundations
101. E 4 - Standard Practices for Force Verification of Testing Machines
102. E 329 - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
103. F 436 - Standard Specification for Hardened Steel Washers
104. F 626 - Standard Specification for Fence Fittings
105. F 1083 - Standard Specification for Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures
106. F 1554 - Standard Specification for Anchor Rods, Steel, 36, 55, and 105-ksi Yield Strength
- H. American Society of Civil Engineers (ASCE):
  1. 5-11/6-11- Building Code Requirements and Specifications for Masonry Structures.
  2. 7-10 - Minimum Design Loads for Building and Other Structures
- I. American Welding Society (AWS):
  1. D1.1 - Structural Welding Code - Steel
- J. Concrete Reinforcing Steel Institute (CRSI):
  1. MSP-2-01 - Manual of Standard Practice
- K. National Ready Mixed Concrete Association:
  1. Certification of Ready-Mixed Concrete Production Facilities
- L. The Society for Protective Coatings (SSPC):
  1. PA-1 - Shop, Field, and Maintenance Painting of Steel
  2. SP-6 - Commercial Blast Cleaning
- M. U.S. Army Corps of Engineers:
  1. CRD-C572 - Specifications for Polyvinyl Chloride Waterstops
- N. U.S. Department of Labor, Occupational Safety and Health Administration Standards (OSHA):
  1. 29 CFR, Part 1926, Safety and Health Regulations for Construction, Standard Number: 1926.652, Requirements for Protective Systems, Subpart P – Excavations
  2. 29 CFR, Part 1926, Safety and Health Regulations for Construction, Standard Number: 1926.652, Requirements for Protective Systems, Subpart T – Demolition
- O. 2010 Florida Building Code

## **APPENDIX VII – CIVIL REFERENCES**

- P. City of Jacksonville, Florida (COJ)
  - 1. Land Development Procedures Manual
  - 2. City Standard Details, Department of Public Works
  - 3. City Standard Specifications, Department of Public Works
- Q. Florida Department of Environmental Protection:
  - 1. Florida Stormwater Erosion and Sedimentation Control Inspector's Manual
  - 2. State of Florida, Erosion and Sediment Control, Designer and Reviewer Manual
- R. Florida Department of Transportation:
  - 1. FM 5-515 - Florida Method of Test for Limerock Bearing Ratio (LBR)
  - 2. Standard Specifications for Road and Bridge Construction
- S. Florida Administrative Code:
  - 1. 62-621 – Generic Permits
  - 2. 62-701 – Solid Waste Management Facilities
  - 3. 62-710 – Used Oil Management
  - 4. 62-711 – Waste Tire Rule
  - 5. 62-730 – Hazardous Waste
- T. Federal Specifications and Standards (General Service Administration)
  - 1. SS-S-210A, Sealing Compound, Preformed Plastic, for Expansion Joints and Pipe Joints
- U. Geotechnical Report (Appendix VII).
- V. Survey and Subsurface Utility Information (Appendix VIII).
- 1.1.2. Where the codes and standards referenced herein contain recommendations in addition to requirements, consider the recommendations as requirements and follow unless stated otherwise by this Specification.
- 1.1.3. In the event of any conflict between codes, or this Specification and codes, the more stringent requirement applies.