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GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2021-2022 Standard Plans for Road and Bridge Construction at the following website: http://www.fdot.gov/design/StandardPlans/current/default.shtm

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, January 2021 Standard Specifications for Road and Bridge Construction at the following website: http://www.fdot.gov/programmanagement/Implemented/SpecBooks

PROJECT LOCATION

TY OF NORTH BAY VILLAGE

TREASURE ISLAND ADA IMPROVEMENTS

CONTRACT PLANS

FINANCIAL PROJECT ID 444197-1-58-01 (D6) MIAMI DADE COUNTY PROJECT LIMITS: JOHN F KENNEDY CAUSEWAY FROM S TREASURE DR TO E TREASURE DR



LOCATION MAP N.T.S.



Treasure Island ADA Improvements									
Pay Item No.	Pay Item Description	Unit	Quantity		Design Notes	Construction Remark			
			Р	F					
101-1	MOBILIZATION	LS	1						
102–1	MAINTENANCE OF TRAFFIC (MOT)	LS	1						
110-1-1	CLEAR & GRUBBING	LS	1						
104–18	INLET PROTECTION SYSTEM	EA	5						
110-4-10	REMOVAL OF EXISTING CONCRETE	SY	420						
520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	223						
520-2-4	CONCRETE CURB, TYPE D	LF	61						
520-3	VALLEY GUTTER - CONCRETE	LF	22						
522-1	CONCRETE SIDEWALK PAVEMENT 4"	SY	370						
527-2	DETECTABLE WARNINGS	SF	35						
653-1-60	PEDESTRIAN SIGNAL, REMOVE PED. SIGNAL, POLE/PEDESTAL TO REMAIN	AS	2						
653-1-11	PEDESTRIAN SIGNAL, FURNISH & INSTALL, LED COUNTDOWN, 1 WAY	EA	2						
665-1-12	PEDESTRIAN DETECTOR, FURNISH & INSTALL, ACCESSIBLE	EA	17						
670-5-400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	EA	4						
630-2-11	CONDUIT FURNISH & INSTALL, OPEN TRENCH	LF	190						
632-7-2	SIGNAL CABLE- REPAIR/REPLACE/OTHER, FURNISH & INSTALL	LF	930						
700-1-51	SINGLE POST SIGN, RELOCATE	AS	3						
711–11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	420						
711–11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	365						

PAY ITEM NOTES

- 1. ITEM 0522-1 CONCRETE SIDEWALK PAVEMENT 4": CONTRACTOR TO CERTIFY THAT THE CONCRETE MEETS A 2,500 PSI AT 28 DAYS PER FDOT SECTION 347.
- 2. ITEM 110-1-1 CLEAR & GRUBBING: THIS PAY ITEM IS A LUMP SUM PRICE. VEGETATION, DEBRIS, FLEXIBLE PAVEMENT, IN ALL AREAS WHERE EXCAVATION IS TO BE DONE. IT INCLUDES SHRUB AND TREE TRIMMING IDENTIFIED IN THE CONTRACT DOCUMENTS, AND THE REMOVAL AND DISPOSING OF EXISTING CONCRETE PAVEMENT, CONCRETE SIDEWALKS, SLOPE PAVEMENT, ASPHALT, DITCH PAVEMENT AND CURB AND GUTTER, WHERE REQUIRED BECAUSE OF CONSTRUCTION OPERATIONS, WHERE THE WORK IS NOT INCLUDED IN OTHER OPERATIONS.
- 3. ITEM 104-18 INLET PROTECTION SYSTEM: REFER TO FDOT EROSION AND SEDIMENT CONTROL BEST PRACTICE MANAGEMENT MANUAL.
- 4. ITEM 425-6 VALVE BOXES, ADJUST: THIS PAY ITEM WILL INCLUDE THE ADJUSTMENT OF THE FOLLOWING IF NEEDED: EXISTING MANHOLES, CATCH BASINS, INLETS, VALVE BOXES, METER BOXES, ETC., WITHIN THE LIMITS OF THE PROPOSED WORK, TO MEET THE FINISHED GRADE OF THE PROPOSED PAVEMENT, OR IF OUTSIDE OF THE PROPOSED PAVEMENT AREA, TO THE FINISHED GRADE DESIGNATED IN THE PLANS FOR SUCH STRUCTURES. ADJUST STRUCTURES TO MATCH FINAL PAVEMENT AND/OR CONCRETE SURFACE CROSS-SLOPE. USE MATERIALS AND CONSTRUCTION METHODS WHICH MEET THE REQUIREMENTS SPECIFIED ABOVE TO ADJUST THE EXISTING STRUCTURES. THE CONTRACTOR MAY EXTEND MANHOLES NEEDING TO BE RAISED USING ADJUSTABLE EXTENSION RINGS OF THE TYPE WHICH DO NOT REQUIRE THE REMOVAL OF THE EXISTING MANHOLE FRAME. USE AN EXTENSION DEVICE THAT PROVIDES POSITIVE LOCKING ACTION AND PERMITS ADJUSTMENT IN HEIGHT AS WELL AS DIAMETER AND MEETS THE APPROVAL OF THE ENGINEER. WHEN ADJUSTING STRUCTURES IN FLEXIBLE PAVEMENT, RESTORE FINAL ROAD SURFACE IN ACCORDANCE WITH STANDARD PLANS, INDEX 125-001.
- 5. ITEM 520-1-10 CURB & GUTTER; CONTRACTOR TO REPLACE CURB & GUTTER TYPE F AT SIDEWALK REPAIR LOCATIONS AS NEEDED.
- 6. ITEM 0665-1-12 INCLUDES REMOVAL OF EXISTING PEDESTRIAN SIGNAL AND REPLACE WITH AUDIBLE ACCESSIBLE PEDESTRIAN SIGNAL ON EXISTING POLE.

	REVISI	ONS			CLAUDIA M. PEREZ, P.E.				
DATE	DESCRIPTION	DATE	DESCRIPTION		FLORIDA LICENSE NU.: 87238	CITY	OF NORTH B	AY VILLAGE	I IRFA
					6401 SW 87th Avenue, Suite 200				
					Miami, Florida 33173	ROAD NO.	COUNTY	PROJECT NUMBER	
					rei: 505.670.2550 Fdx: 505.670.2551			0190151.01	
				encineerr	Certificate of Authorization No. 7184	_			
							COUNTY		

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NORU VO VANUE AND	DESCRIPTION	CLAUDIA M. PEREZ. P.E. FLORIDA LICENSE NO.: 87238	TY OF NORTH BAY VILLAGE



GENERAL NOTES

- 1. ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD), UNLESS OTHERWISE NOTED
- 2. ALL PUBLIC LAND CORNERS AND PRIMARY NETWORK CONTROL SURVEY MONUMENTS ARE TO BE PROTECTED. 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 SURVEYORS 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'S REFERENCE DRAWING.
- 3. ALL EXCESS MATERIAL AS DESIGNATED IS TO BE DISPOSED IN AREAS PROVIDED WITHIN 72 HOURS OF BEING DEPOSITED IN THE CONSTRUCTION AREA AND AT THE CONTRACTOR'S EXPENSE.
- 4. 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
- 5. KEEP EXISTING INLETS CLEAN OF MILLING MATERIAL, LIMEROCK, DEBRIS, ETC. DURING THE CONSTRUCTION
- 6. REMOVE ALL SEDIMENT BARRIERS, ROCK BAGS AND TURBIDITY BARRIERS AT THE COMPLETION OF THE PROJECT
- 7. REMOVE STORMWATER FROM THE ROADWAY WITHIN THE PROJECT LIMITS AND COMPLY WITH NPDES AND OTHER PERMIT REQUIREMENTS.
- 8. SAW CUTTING OF THE EXISTING SIDEWALKS SHALL BE MADE ONLY AT THE NEAREST FLAG JOINTS
- 9. POSTED SPEED THROUGH WORK ZONES SHALL BE 25 MPH ON LOCAL STREETS AND 30 MPH FOR SR 934.
- 10. WORK ON SR 934 SHALL BE LIMITED
- 11. IMPLEMENT TRAFFIC CONTROL PLAN IN COMPLIANCE WITH FDOT STANDARDS 102- 600 SERIES FOR SR 934.
- 12. ALL WORK DONE WITHIN STATE AND LOCAL RIGHT OF WAY.
- 13. NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT WILL BE ALLOWED WITHIN OR IMMEDIATELY ADJACENT TO TREASURE ISLAND ELEMENTARY SCHOOL, (7540 E TREASURE DR, NORTH BAY VILLAGE, FL 33141) AND PHILIP SCHONBERGER MEMORIAL PLAYGROUND (1841 GALLEON STREET).

UTILITY NOTES

- 1. ALL EXISTING UTILITIES ARE TO REMAIN UNLESS OTHERWISE NOTED
- 2. USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES OR UNDERGROUND UTILITIES.
- 3. TWO FULL BUSINESS DAYS PRIOR TO DIGGING, THE CONTRACTOR SHALL CALL SUNSHINE 811 AND THE UTILITY OWNER AND REQUEST UTILITY LOCATIONS. A REPRESENTATIVE MUST BE PRESENT WHEN UTILITY COMPANIES LOCATE THEIR FACILITIES.
- 4. TWO FULL BUSINESS DAYS PRIOR TO DIGGING NOTIFY THE ENGINEER AND CALL FDOT MAINTENANCE DEPARTMENT, TELEPHONE NUMBER: (305) 640- 7160 AND REQUEST LIGHTING CONDUIT LOCATION.
- 5. 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.
- 6. THE LOCATIONS OF UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATION APPLY ONLY AT THE POINT SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
- 7. PULL BOXES IMPACTED BY SIDEWALK REPLACEMENT TO BE ADJUSTED SO THEY ARE FLUSH WITH NEW PAVEMENT.

APPLICABLE CODES

- 1. MIAMI DADE COUNTY PUBLIC WORKS: DESIGN STANDARDS PART 1 AND 2.
- 2. FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2021-2022 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION
- 3. FLORIDA DEPARTMENT OF TRANSPORTATION, JANUARY 2021 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 4. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 5. FLORIDA GREEN BOOK (MANUAL OF UNIFORM MINIMUM STANDARDS OF DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS)
- MAINTENANCE OF TRAFFIC (MOT)
- MAINTENANCE OF TRAFFIC IN THE PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE MIAMI-DADE COUNTY PUBLIC WORKS MANUAL AS PERTAINS TO MAINTENANCE OF TRAFFIC, THE CURRENT EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DESIGN STANDARDS (STANDARD PLANS 102-600 SERIES), THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AS MINIMUM CRITERIA.
- 2. CONTRACTOR SHALL PREPARE AND SUBMIT MAINTENANCE OF TRAFFIC PLAN (MOT) WHERE REQUIRED BY FEDERAL, STATE, COUNTY OR LOCAL AGENCIES HAVING JURISDICTION. CONTRACTOR SHALL OBTAIN ALL REQUIRED APPROVALS AND PERMITS ASSOCIATED WITH THE MOT'S. ALL MOT'S TO BE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS.
- 3. TEMPORARY PAVEMENT SHALL CONSIST OF A MINIMUM OF 6 INCH LIMEROCK BASE, PRIME COAT AND 1.5 INCHES HOT MIX ASPHALT SP-12.5. THE BASE LAYER SHALL BE PLACED OVER A FIRM UNYILEDING, WELL-COMPACTED SUBGRADE. COST OF CONSTRUCTION AND REMOVAL OF TEMPORARY PAVEMENT TO BE INCLUDED IN PAY ITEM 102-1A, MAINTENANCE OF TRAFFIC.
- 4. THE CONTRACTOR SHALL IMMEDIATELY REPAIR AL POTHOLES THAT DEVELOP WITHIN THE PROJECT LIMITS AND WILL MAINTAIN A SUPPLY OF COLD MIX ON THE PROJECT SITE TO EXPEDITE THOSE REPAIRS. COST OF REPAIR TO BE INCLUDED IN PAY ITEM 102-1A, MAINTENANCE OF TRAFFIC.
- 5. NOTIFICATION OF LANE CLOSURES OR TEMPORARY DETOURS SHALL BE ACCOMPLISHED 14 WORKING DAYS PRIOR TO CLOSURE OR DETOUR BY COORDINATING WITH DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION, AND MIAMI DADE COUNTY TRAFFIC OPERATIONS. FDOT LANE CLOSURE REQUESTS ARE TO BE MADE BY SUBMITTING THE REQUIRED ELECTRONIC LANE CLOSURE FORM (LCISV2.COM), SKETCHERS, CALCULATIONS AND OTHER DATA THROUGH THE ENGINEER TO THE DISTRICT OPERATIONS OFFICE.
- 6. THE CONTRACTOR SHALL NOTIFY LAW ENFORCEMENT AND FIRE PROTECTION SERVICES TWENTY-FOUR (24) HOURS IN ADVANCE OF A DETOUR IN ACCORDANCE WITH SECTION 336.07 OF FLORIDA STATUTES.
- 7. AT THE DISCRETION OF THE ENGINEER, IF A LANE CLOSURE CAUSES EXTENDED CONGESTION OR DELAY, THE CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSED LANE(S) UNTIL SUCH TIME THAT THE TRAFFIC FLOW HAS RETURNED TO AN ACCEPTABLE LEVEL.
- 8. LANE CLOSURE SHALL OCCUR ONLY DURING NON-PEAK HOURS ON NONEVENT DAYS/NIGHTS. NO INTERRUPTION TO TRAFFIC IS PERMITTED FROM MONDAY-FRIDAY 7-9 A.M. AND 4-6 P.M. OR ON WEEKENDS AND HOLIDAYS.
- 9. THE CONTRACTOR IS TO PLACE TEMPORARY OR REMOVABLE PAVEMENT MARKINGS BETWEEN EACH LAYER OF PAVEMENT, AND IS RESPONSIBLE FOR THE TEMPORARY RELOCATION OF STOP BARS & STOP SIGNS AS APPLICABLE. PAVEMENT MARKINGS AND BARRICADES PLACEMENT SHALL BE APPROPRIATELY COORDINATED.

10. COORDINATION WITH DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS WILL BE REQUIRED.

11. AT THE END OF EACH WORK DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE, ANY DROP OFF GRATER THAN 6 INCHES (150 MM) ADJACENT TO THE PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAVEL PATHS BE BACKFILLED FLUSH WITH SAID PATHS OR PROTECTED WITH TEMPORARY FENCE, CONCRETE BARRIER WALL OR APPROVED HANDRAIL. COST SHALL BE INCLUDED IN THE PAY ITEM 102-1A, MAINTENANCE OF TRAFFIC.

SIGNAGE AND PAVEMENT MARKINGS:

- ALL SIGNING AND PAVEMENT MARKINGS INSTALLED AS PART OF THESE PLANS SHALL CONFORM TO THE 2009 EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS. THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND THE MIAMI-DADE COUNTY TRAFFIC CONTROL EQUIPMENT SPECIFICATIONS AND STANDARDS FOR ROADWAY SIGNING.
- 2. THE CONTRACTOR SHALL MATCH EXISTING PAVEMENT MARKINGS AT THE BEGINNING AND THE END OF THE PROJECT AND AT ALL SIDE STREETS WITHOUT JOGS AND OFFSETS.
- 3. SIGN ASSEMBLY LOCATIONS SHOWN ON PLANS WHICH ARE IN CONFLICT WITH LIGHTING UTILITIES. DRIVEWAYS, WHEELCHAIR RAMPS, ETC. MAY BE ADJUSTED SLIGHTLY AS DIRECTED BY THE ENGINEER. EXTREME LOCATION CHANGES MUST BE APPROVED BY MIAMI-DADE SIGNALS AND SIGNS DIVISION.
- 4. INCORRECTLY PLACED THERMOPLASTIC MARKINGS OVER FRICTION COURSE WILL BE REMOVED BY MILLING AND REPLACING THE FRICTION COURSE A MINIMUM WIDTH OF 18 IN AT THE CONTRACTOR'S EXPENSE.
- 5. THE CONTRACTOR SHALL RELOCATE ALL EXISTING POST-MOUNTED STREET NAME AND STOP SIGNS TO A VISIBLE AREA UNDISTURBED BY THE CONSTRUCTION SO AS TO MINIMIZE DAMAGE TO THE SIGNS DURING CONSTRUCTION. COST OF RELOCATION OF STREET NAME SIGN AND STOP SIGNS SHALL BE PAID FOR UNDER MAINTENANCE OF TRAFFIC PAY ITEM.
- 6. EXTRUDED ALUMINUM SIGN SUPPORT CLAMPS ARE NOT ACCEPTABLE. ALL RELOCATED SIGNS MUST COMPLY WITH THE STANDARD SPECIFICATIONS, SPECIAL PROVISIONS AND ROADWAY DESIGN AND TRAFFIC STANDARDS AS IF THEY WERE NEW SIGNS. IF EXISTING CLAMPS. BRACKETS, POLES. ETC. NEED TO BE REPLACED THE COST SHALL BE INCLUDED IN THE RELOCATION PAY ITEMS.
- 7. THE CONTRACTOR SHALL SUBMIT A LIST OF THE EXISTING SIGNS TO THE CONSTRUCTION PROJECT MANAGER. AT THE BEGINNING OF CONSTRUCTION. ANY SIGNS LOST OR DAMAGED DURING

	REVIS	IONS			CLAUDIA M. PEREZ, P.E.				T D E
DATE	DESCRIPTION	DATE	DESCRIPTION		FLORIDA LICENSE NO.: 87238	CITY	OF NORTH BA	AY VILLAGE	IRE.
					6401 SW 8/th Avenue, Suite 200				
					Tel: 305.670.2350 Fax: 305.670.2351	ROAD NO.	COUNTY	PROJECT NUMBER	
					www.bcceng.com		MIAMI-DADE	0100151 01	
				Θ	ngineering Certificate of Authorization No. 7184	_	COUNTY	0190151.01	

CONSTRUCTION SIGNS SHALL BE REPLACED AT NO ADDITIONAL COST. COST OF MAINTAINING OF EXISTING SIGNS TO BE INCLUDED IN MAINTENANCE OF TRAFFIC PAY ITEM.

- 8. THE CONTRACTOR WILL REVIEW EXISTING SIGNS SHOWN ON THE PLANS TO BE RELOCATED OR TO REMAIN. THE CONTRACTOR WILL NOTIFY IN WRITING TO THE PROJECT ENGINEER OF ANY MISSING SIGNS BEFORE CONSTRUCTION STARTS. IF EXISTING SIGNS TO BE RELOCATED HAVE A DAMAGED POLE OR A POLE NOT MEETING HEIGHT SPECIFICATION REQUIREMENTS, THE COST OF THE NEW POLE WILL BE INCLUDED IN THE RELOCATION PAY ITEM.
- 9. SIGNS DAMAGED BY THE CONTRACTOR'S OPERATION WILL BE REPLACED AT NO COST TO MIAMI- DADE COUNTY. ALL EXISTING SIGN WITHIN THE PROJECT LIMITS ARE TO BE REMOVED UNLESS OTHERWISE NOTED ON THE PLANS. COST TO BE INCLUDED UNDER THE CLEARING AND GRUBBING PAY ITEM.

- CONCRETE SIDEWALK
- CONCRETE WITH THICKNESS AS SHOWN, UNLESS OTHERWISE DETAILED IN THE PLANS.
- 3. FOR DRIVEWAYS SEE INDEX 522-003.

DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS NOTES

1. CROSS SLOPES AND GRADES

- 1.1.
- 1.2. LANDINGS MUST HAVE CROSS-SLOPES LESS THAN OR EQUAL TO 0.02 IN ANY DIRECTION
- 1.4. CURB RAMP

2. CURB, CURB AND GUTTER AND/OR SIDEWALK:

- 2.1. 2.2.
- 3. CURB RAMP ALPHA-IDENTIFICATION:
- 3.1.

ALPHA-IDENTIFICATIONS CR-I AND CR-J ARE INTENTIONALLY OMITTED. 3.2.

4. DETECTABLE WARNINGS

EXISTING LEGEND

(CALC.)

CLF

EL.

F.F.

INV.

M.D.C.R.

0.R.B.

P.S.M

VEG

W/

X OFF

P.B.

- INSTALL DETECTABLE WARNINGS IN ACCORDANCE WITH SPECIFICATION 527. 4.1.
- 4.2.
- 4.3.

5. DETECTABLE WARNINGS - ACCEPTANCE CRITERIA:

- 5.1. COLOR AND TEXTURE SHALL BE COMPLETE AND UNIFORM
- 5.2.
- THERE SHALL BE NO MORE THAN 4 NON-COMPLIANT DOMES IN ANY ONE SQUARE FOOT.
- 5.4. NON-COMPLIANT DOMES SHALL NOT BE ADJACENT TO OTHER NON-COMPLIANT DOMES.

5.5.	SURFACES	SHALL	NOT	DEVIATE	MORE	THAN	0.10"	FROM A	N TF	RUE	PLANE.	

CALCULATED MEASUREMENT

CHAIN LINK FENCE

FINISHED FLOOR

IRON ROD WITH CAP LICENSED BUSINESS

OFFICIAL RECORDS BOOK

OVERHEAD WIRES

PLAT BOOK

VEGETATION

CROSS-OFF

CENTER LINE

EASEMEN

RIGHT OF WAY

PROPERTY LINE

EXIST. CHAIN LINK FENCE

PAGE

WITH

MIAMI-DADE COUNTY RECORDS

ELEVATION

INVERT IRON PIPE IRON ROD

1. CONSTRUCT SIDEWALKS IN ACCORDANCE WITH SPECIFICATION 522. USE 6" CONCRETE FOR SIDEWALKS AND CURB RAMPS LOCATED WITHIN CURB RETURNS (SEE PLAN VIEW). INSTALL ALL OTHER 2. INCLUDE DETECTABLE WARNINGS ON SIDEWALK CURB RAMPS IN ACCORDANCE WITH INDEX 522-002. 4. BOND BREAKER MATERIAL CAN BE ANY IMPERMEABLE COATED OR SHEET MEMBRANE OR PREFORMED MATERIAL HAVING A THICKNESS OF NOT LESS THAN 6 MILS AND NOT MORE THAN 2". SIDEWALK, RAMP, AND LANDING SLOPES (I.E. 0.02, 0.05, AND 1:12) SHOWN IN THIS INDEX ARE MAXIMUMS. WITH APPROVAL OF THE ENGINEER, PROVIDE THE MINIMUM FEASIBLE SLOPE WHERE THE REQUIREMENTS CANNOT BE MET. MAINTAIN A SINGLE LONGITUDINAL SLOPE ALONG EACH SIDE OF THE CURB RAMP. RAMP SLOPES ARE NOT REQUIRED TO EXCEED 15 FEET IN LENGTH. JOINTS PERMITTED AT THE LOCATION OF SLOPE BREAKS. OTHERWISE LOCATE JOINTS IN ACCORDANCE WITH INDEX 522-001. NO JOINTS ARE PERMITTED WITHIN THE RAMP PORTION OF THE REFER TO INDEX 522-001 FOR CONCRETE THICKNESS AND SIDEWALK DETAILS. REFER TO INDEX 522-002 FOR CURB AND CURB & GUTTER DETAILS. REMOVE ANY EXISTING CURB, CURB AND GUTTER, OR SIDEWALK TO THE NEAREST JOINT BEYOND THE CURB TRANSITION OR TO THE EXTENT THAT NO REMAINING SECTION IS LESS THAN 5 FEET LONG. SIDEWALK CURB RAMP ALPHA-IDENTIFICATIONS (E.G. CR-A) ARE PROVIDED FOR REFERENCE PURPOSES IN THE PLANS. PLACE DETECTABLE WARNINGS ACROSS THE FULL WIDTH OF THE RAMP OR LANDING, TO A MINIMUM DEPTH OF 2 FEET MEASURED PERPENDICULAR TO THE CURB LINE AND NO GREATER THANS GF 5 FEET FROM THE BACK OF THE CURB OR EDGE OF PAVEMENT. IF DETECTABLE WARNINGS ARE SHOWN IN THE PLANS ON SLOPES GREATER THAN 5%, ALIGN THE TRUNCATED DOMES WITH THE CENTERLINE OF THE RAMP; OTHERWISE, THE TRUNCATED DOMES ARE NOT REQUIRED TO BE ALIGNED. 90% OF INDIVIDUAL TRUNCATED DOMES SHALL BE IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT STANDARDS FOR TRANSPORTATION FACILITIES, SECTION 705. PROPOSED LEGEND TYPE F CURB AND GUTTER TYPE D CURE CR–C PROPOSED CURB RAMP PROPOSED CONCRETE SIDEWALK PROFESSIONAL SURVEYOR AND MAPPER PROPOSED DETECTABLE WARNINGS 000EXISTING CONCRETE SIDEWALK TO BE REMOVED AND REPLACED EXISTING DRIVEWAY TO BE REMOVED / REPLACED BY OTHERS SHEET ASURE ISLAND ADA IMPROVEMENTS NO. GENERAL NOTES & LEGEND 4

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STORMWATER POLLUTION PREVENTION PLAN NOTES

SITE EVALUATION. ASSESSMENT. AND PLANNING: PROJECT NAME: NORTH BAY VILLAGE SIDEWALK AND ADA IMPROVEMENTS PHASE II

PROJECT ADDRESS: HARBOR ISLAND AND TREASURE ISLAND, NORTH BAY VILLAGE, MIAMI, FLORIDA 33326 [OWNER'S NAME: NORTH BAY VILLAGE PUBLIC WORKS

OWNER'S ADDRESS: 1666 KENNEDY CAUSEWAY, SUITE 300, NORTH BAY VILLAGE, FL 33141

DESCRIPTION OF THE PROJECT AND THE TYPES OF SOIL DISTURBING ACTIVITIES:

THE PROJECT INVOLVES ASSESSING CURRENT CONDITIONS OF EXISTING SIDEWALKS AND CROSSWALKS THROUGHOUT THE AREA TO ELIMINATE SIDEWALK GAPS AND TRIP HAZARDS CAUSED BY UNEVEN OR BROKEN/CRACKED CONCRETE, AND TO IMPROVE/ENHANCE PEDESTRIAN FACILITIES WITH MARKING, SIGNAGE, AND ADA COMPLIANT CROSSWALKS/RAMPS.

SOIL DISTURBING ACTIVITIES WILL INCLUDE: NEW PAVEMENT MARKING CONCRETE SIDEWALKS, CURBS, AND EXISTING RESTORATION TO PREVIOUS CONDITIONS.

SOILS CONDITIONS:

ACCORDING TO THE USDA SOIL SURVEY FOR BROWARD. THE SOIL IS DESCRIBED AS URBAN LAND.

PRESENT

. CONSTRUCT TEMPORARY CONSTRUCTION EXIT.

4. COMMENCE GRUBBING AND REMOVAL OF VEGETATION IN AREA TO RECEIVE CUT OR FILL.

5. COMMENCE GRADING OPERATION FOR BUILDING PAD PREPARATION (SEE GRADING PLAN).

6. INSTALL ALL UNDERGROUND UTILITIES.

7. FINALIZE PAVEMENT SUBGRADE PREPARATION.

- B. INSTALL ALL PROPOSED STORM SEWER PIPES AND INSTALL INLET PROTECTION FILTER FABRIC AT ENDS OF EXPOSED PIPES.
- CONSTRUCT ALL GRATE INLETS AND DRAINAGE STRUCTURES, INLET PROTECTION FILTER FABRIC MAY BE REMOVED TEMPORARILY FOR THIS CONSTRUCTION.
- 10. REMOVE SILT FENCES AROUND INLETS AND MANHOLES NO MORE THAN 48 HOURS PRIOR TO PLACING STABILIZED BASE COURSE.
- 11. INSTALL BASE MATERIAL AS REQUIRED FOR PAVEMENT, CURB & GUTTER.
- 12. INSTALL ALL PAVING, CURB & GUTTER.
- 13. REMOVE TEMPORARY CONSTRUCTION EXIT, SILT FENCES, AND INLET PROTECTION DEVICES.
- 14. COMPLETE PLANTING AND/OR SEEDING OF VEGETATED AREAS TO ACCOMPLISH STABILIZATION. IN ACCORDANCE WITH THE LANDSCAPE PLAN.

WETLAND AREA: N/A

EROSION AND SEDIMENT CONTROLS:

STABILIZATION PRACTICES

THE CONTRACTOR SHALL DENUDE ONLY AREA WHERE IT IS EXPECTED TO BE GRADED OR ALTERED WITH A TWO (2) WEEK TIME FRAME. ALL PERVIOUS AREAS OF THE SITE INCLUDED IN GRADING THAT ARE DISTURBED DURING CONSTRUCTION SHALL BE GRADED AND PREPARED WITH COMBINATION OF SOD AND/OR SEEDING AND MULCHED.

TEMPORARY STABILIZATION - TOP SOIL STOCK PILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARY CEASES FOR AT LEAST 21 DAYS SHALL BE STABILIZED WITH TEMPORARY SEED AND MULCH NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY IN THAT AREA. GRASS SEED SHALL BE A MIXTURE OF 20 PARTS OF BERMUDA AND 80 PARTS OF PENSACOLA BAHIA. THE SEPARATE TYPES OF SEED USED SHALL BE THOROUGHLY DRY MIXED IMMEDIATELY BEFORE SOWING. SEED WHICH HAS BECOME STRAW OR HAY CONSISTING OF OAT, RYE OR WHEAT STRAW, OR OF PANOLA, PEANUT, COASTAL BERMUDA OR BAHIA GRASS HAY. ONLY UN-DETERIORATED MULCH WHICH CAN BE READILY CUT INTO THE SOIL SHALL BE USED. HE SITE WHICH ARE TO BE PAVED WILL BE TEMPORARILY STABILIZED BY APPLYING STABILIZATION AND BASE UNTIL BITUMINOUS PAVEMENT CAN BE APPLIED.

PERMANENT STABILIZATION - DISTURBED PORTION OF THE SITE WHERE CONSTRUCTION ACTIVITY PERMANENTLY CEASES SHALL BE STABILIZED WITH SOD NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY.

WIND EROSION STABILIZATION - AREAS WITHIN FUTURE UNITS WHERE EARTHWORK IS COMPLETED SHALL BE COMPLETELY SEEDED AND MULCHED. AREAS WHERE CONSTRUCTION OPERATIONS WILL BE CONTINUOUS, FUGITIVE DUST SHALL BE MANAGED BY APPLYING A WATER SPRAY TO SATURATE THE SURFACE SOILS ON A DAILY BASIS (OR AS NEEDED) TO MAINTAIN MINIMAL DUST TRANSPORT. FUGITIVE DUST SHALL BE MONITORED CONTINUOUSLY AND ADDITIONAL MEASURES MAY NEED TO BE TAKEN TO CONTROL OFF SITE TRANSPORT OF UNACCEPTABLE LEVELS OF DUST.

STRUCTURAL PRACTICES

EROSION PROTECTION -- DURING THE CONSTRUCTION PHASES, APPROPRIATE PRACTICES INCLUDING, BUT NOT LIMITED TO: SILT FENCE BARRIERS, STABILIZED CONSTRUCTION ENTRANCES, ROCK CHECK DAMS, INLET PROTECTION WITH BLOCK AND GRAVEL AND FABRIC MATERIAL, AND WATERING OR OTHER METHODS NECESSARY WILL BE IMPLEMENTED TO CONTROL EROSION.

SEDIMENT TRAPS - CONTRACTOR SHALL EXCAVATE AROUND AL ON-SITE DRAINAGE INLETS AND PROVIDE EROSION CONTROL AND OVERFLOW MEASURES WHICH SHALL SERVICE AS LOCALIZED TEM DRARY SEDIMENT TRAPS. AT THE CONTRACTOR'S DISCRETION. THE AREAS SURROUNDING THE ON-SITE INLETS CAN BE EXCAVATED MUCH AS TWO FEET BELOW THE EXISTING GROUND IN ORDER TO ALLOW ANY SILT TO BE COLLECTED AND REMOVED PRIOR TO FTION OF THE GRADING

MANAGEMENT STORM W

STORM WATER DRAINAGE WILL BE PROVIDED BY AN ON-SITE SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT BASINS. I THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT AND CONTINUALLY MAINTAIN ALL STORM DRAINS AND RETENTION/DI PLANS. TION AREAS IN ACCORDANCE WITH THE APPROVED CONSTRUCTION

SPECIFIED OTHER CONTROLS:

ISPOSAL WAS

WASTE MATERIALS - ALL WASTE MATERIALS SHALL BE COLLEC AND CONTAINED IN A CONTROLLED AREA PURSUANT TO ANY STATE AND/OR LOCAL SOLID WASTE REGULATIONS. ALL TRASH BE REMOVED FROM THE SITE AND DISPOSED OF APPROPRIATEL ID CONSTRUCTION DEBRIS GENERATED FROM CONSTRUCTION IS TO O CONSTRUCTION MATERIALS SHALL BE BURIED ON SITE. ALL PERSONNEL SHALL BE INSTRUCTED REGARDING THE CORRECT. CEDURE FOR WASTE DISPOSAL NOTICE STATING THESE PRACTICES SHALL BE POSTED IN THE CONSTRUCTION OFFICE TRAILER. THE B SITE SUPERINTENDENT (CONSTRUCTION MANAGER) RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS SHALL BE RESPONSE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

HAZARDOUS WASTE - IF ANY, ALL HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN THE MANNER SPECIFIED BY STATE AND/OR LOCAL REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.

SANITARY WASTE - ALL SANITARY WASTE SHALL BE COLLECTED FROM THE PORTABLE UNITS BY A LICENSE SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY STATE AND/OR LOCAL CODES AND REGULATIONS.

OFFSITE VEHICLE TRACKING

A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREETS ADJACENT TO THE SITE ENTRANCE WILL BE SWEPT DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE SITE SHALL BE COVERED WITH A TARPAULIN.

TIMING OF CONTROL MEASURES:

AS INDICATED IN THE SEQUENCE OF MAJOR EVENTS, STAKED SILT FENCE AND STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED PRIOR TO CLEANING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 21 DAYS SHALL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN 14 DAYS OF THE LAST DISTURBANCE. ONCE CONSTRUCTION ACTIVITIES CEASES PERMANENTLY IN AN AREA, THAT AREA SHALL BE STABILIZED WITH PERMANENT SEED AND MULCH. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SILT FENCE AND/OR CONTROLS SHALL BE REMOVED.

CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS:

THE STORM WATER POLLUTION PREVENTION PLAN REFLECTS THE JURISDICTIONAL AND WATER MANAGEMENT DISTRICT REQUIREMENTS FOR STORM WATER MANAGEMENT AND EROSION & SEDIMENT CONTROL AS ESTABLISHED BY THE JURISDICTION'S STORM WATER MANAGEMENT TECHNICAL MANUAL, THE FLORIDA ADMINISTRATIVE CODE, CHAPTER 40E-4 AND 40E-40, AND THE WATER MANAGEMENT DISTRICT.

MAINTENANCE/INSPECTION PRACTICES:

EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES

THESE ARE THE INSPECTION AND MAINTENANCE PRACTICES THAT SHALL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROL: 1. LESS THAN ONE HALF OF THE SITE SHALL BE DENUDED AT ONE TIME.

- 2. ALL CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EACH WEEK AND FOLLOWING ANY STORM EVENT OF 0.5-INCHES OR GREATER BY A CONTRACTOR'S REPRESENTATIVE.
- 3. ALL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT SHALL BE INITIATED WITHIN 24 HOURS OF REPORT.
- 4. BUILT UP SEDIMENT SHALL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE SILT FENCE. 5. SILT FENCE SHALL BE INSPECTED REGULARLY FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED
- TO THE FENCE POSTS. AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND. 6. THE SEDIMENT BASINS, IF PRESENT, SHALL BE INSPECTED FOR DEPTH OF SEDIMENT, AND BUILT UP SEDIMENT SHALL BE
- REMOVED WHEN IT REACHES 10% OF THE DESIGN CAPACITY OR AT THE END OF THE JOB.
- 7. TEMPORARY AND PERMANENT GRASSING AND MULCHING AND SODDING SHALL BE INSPECTED FOR BARE SPOTS. WASHOUTS, AND HEALTHY GROWTH
- 8. A MAINTENANCE INSPECTION REPORT SHALL BE MADE AFTER FACH INSPECTION BY THE CONTRACTOR AND SHALL BE KEPT IN AN ACTIVE LOG READILY AVAILABLE AT THE JOB SITE.
- 9. EITHER THE SITE SUPERINTENDENT OR HIS DESIGNEES SHALL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE, REPAIR ACTIVITIES AND COMPLETING THE INSPECTION AND MAINTENANCE REPORT.
- 10. PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES SHALL RECEIVE TRAINING FROM THE SITE SUPERINTENDENT. THEY SHALL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ON SITE IN GOOD WORKING ORDER.

NON-STORM WATER DISCHARGE

IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES WHICH ARE ALLOWED UNDER THE NPDES GENERAL PERMIT MAY OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD. THESE TYPES OF DISCHARGES WILL BE ALLOWED UNDER THE CONDITIONS THAT NO POLLUTANTS WILL BE ALLOWED TO COME IN CONTACT WITH THE WATER PRIOR TO OR AFTER ITS DISCHARGE. 1. DISCHARGES FROM FIREFIGHTING ACTIVITIES.

2. FIRE HYDRANT FLUSHINGS (SEE NOTE BELOW).

- 3. WATER USED TO SPRAY OFF LOOSE SOLIDS FROM VEHICLES (WASTE WATERS FROM A MORE THOROUGH CLEANING, INCLUDING THE USE OF DETERGENTS OR OTHER CLEANERS IS NOT AUTHORIZED BY THIS PART) OR CONTROL DUST IN ACCORDANCE WITH PART V.D.2.c (2) OF THE GENERAL PERMIT.
- 4. POTABLE WATER SOURCES SUCH AS WATERLINE FLUSHINGS, ROUTINE EXTERNAL BUILDING WASHDOWN WHICH DOES NOT USE DETERGENTS, IRRIGATION DRAINAGE (WITHOUT DETERGENTS PRESENT) (SEE NOTE BELOW).
- 5. PAVEMENT WASHWATERS WHERE SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED (UNLESS ALL SPILL MATERIALS HAS BEEN REMOVED) AND WHERE DETERGENTS HAVE NOT BEEN USED.
- 6. AIR CONDITIONING CONDENSATE.
- 7. SPRINGS

8. FOUNDATION OR FOOTING DRAINS WHERE FLOWS WHERE NO CONTAMINATION WITH PROCESS MATERIALS SUCH AS SOLVENTS IS PRESENT.

NOTE:	CONTRACTOR	SHALL	NEUTRALIZE	ANY SUPER-C	HLORINATED	WATER	FROM	WATER	DISTRIBUTION	PIPES	BEFORE	RELEASING 11	г
INTO	THE ENVIRONME	ENT. NE	UTRALIZATION	TECHNIQUES	ARE AVAILA	BLE FRO	M THE	ENGIN	EER.				

INVENTORY FOR POLLUTION PREVENTION PLAN:

THE FOLLOWING MATERIALS OR SUBSTANCES WITH KNOWN HAZARDOUS PROPERTIES ARE EXPECTED TO BE PRESENT ONSITE DURING CONSTRUCTION: CLEANING SOLVENTS, DETERGENTS, PETROLEUM BASED PRODUCTS, PAINTS, PAINT SOLVENTS, ACIDS, FERTILIZERS, PESTICIDES, CONCRETE, CONCRETE ADDITIVES, ASPHALTIC CONCRETE, TAR AND SOIL STABILIZATION ADDITIVES.

SPILL PREVENTION:

MATERIAL MANAGEMENT PRACTICES THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT SHALL BE USED TO REDUCE THE RISK OF SPILL OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

GOOD HOUSEKEEPING:

THE FOLLOWING GOOD HOUSEKEEPING PRACTICES SHALL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT.

- 1. AN EFFORT SHALL BE MADE TO STORE ONLY PRODUCTS REQUIRED TO COMPLETE THE PROJECT.
- 2. ALL MATERIALS STORED ON SITE SHALL BE STORED IN A NEAT ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND IF POSSIBLE, UNDER A ROOF OR OTHER CONTAINED ENCLOSURE.
- 3. PRODUCTS SHALL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.
- 4. SUBSTANCES SHALL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
- 5. WHEREVER POSSIBLE, ALL OF THE PRODUCT SHALL BE USED BEFORE DISPOSING OF THE CONTAINER.

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			www.bcceng.com engineering Certificate of Authorization No. 7184	-	MIAMI-DADE COUNTY	0190151.01	PROTECTION PLAN	5

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- SITE AREAS: THE PROJECT SITE IS APPROXIMATELY 124.05± ACRES AND 0.18± ACRES WILL BE DISTURBED BY CONSTRUCTION ACTIVITIES.

SEQUENCE OF MAJOR EVENTS:

1. INSTALL SILT FENCES AROUND PERIMETER OF PROPERTY AND DISTURBED AREAS (SEE EROSION CONTROL PLAN). INSTALL INLET PROTECTION FOR ALL EXISTING GRATE INLETS AND AT THE END OF ALL EXPOSED STORM SEWER PIPES, IF

FERTILIZERS:

FERTILIZERS SHALL BE APPLIED ONLY IN THE MINIMUM AMOUNT RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER SHALL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE SHALL BE IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

INFORMATION.

CONCRETE TRUCKS:

6 MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL SHALL BE FOLLOWED. 7. THE SITE SUPERINTENDENT SHALL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ON SITE. HAZARDOUS PRODUCTS: THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.

1. PRODUCTS SHALL BE KEPT IN ORIGINAL CONTAINERS UNLESS THE CONTAINERS ARE NOT SEALABLE. 2. ORIGINAL LABELS AND MATERIAL SAFETY DATA SHEETS (MSDS) SHALL BE RETAINED: THEY CONTAIN IMPORTANT PRODUCT

3. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S AND/OR STATE AND LOCAL RECOMMENDED METHODS OF PROPER DISPOSAL SHALL BE FOLLOWED.

PRODUCT SPECIFIC PRACTICE

PETROLEUM PRODUCTS: ALL ON SITE VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS SHALL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE SHALL BE APPLIED ACCORDINGLY TO THE MANUFACTURER'S RECOMMENDATIONS.

ALL CONTAINERS SHALL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT SHALL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT SHALL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURER'S INSTRUCTIONS AND/OR STATE AND LOCAL REGULATIONS.

CONTRACTOR SHALL DESIGNATE AN AREA FOR DISCHARGE OF SURPLUS CONCRETE OR DRUM WASH WATER AND SHALL INSTALL A CONTAINMENT BERM AROUND THIS AREA TO PREVENT RUNOFF TO THE REMAINDER OF THE SITE. HARD DEBRIS SHALL BE DISPOSED OF BY CONTRACTOR UPON COMPLETION OF THE PROJECT.

SPILL CONTROL PRACTICES:

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIALS PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

1. MANUFACTURERS RECOMMENDED METHODS FOR SPILL CLEAN UP SHALL BE CLEARLY POSTED AND SITE PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEAN UP SUPPLIES. MATERIAL SAFETY DATA SHEET (MSDS'S) FOR EACH SUBSTANCE WITH HAZARDOUS PROPERTIES THAT IS USED ON THE JOB SITE SHALL BE OBTAINED AND USED FOR THE PROPER MANAGEMENT OF POTENTIAL WASTES THAT MAY RESULT FROM THESE PRODUCTS. AN MSDS WILL BE POSTED IN THE IMMEDIATE AREA WHERE SUCH PRODUCT IS STORED AND/OR USED AND ANOTHER COPY OF EACH MSDS WILL BE MAINTAINED IN THE SWPPP FILE AT THE JOB SITE CONSTRUCTION TRAILER OFFICE.

2. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEAN UP SHALL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS SHALL INCLUDE, BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER ABSORBENT, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE. 3. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.

4. THE SPILL AREA SHALL BE KEPT WELL VENTILATED AND PERSONNEL SHALL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH HAZARDOUS SUBSTANCE.

5. SPILLS OF TOXIC OR HAZARDOUS MATERIAL SHALL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE.

THE SPILL PREVENTION PLAN SHALL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM RECURRING AND THE CLEAN UP PROCEDURES FOR FUTURE USE. A DESCRIPTION OF THE SPILL, ITS CAUSE AND THE CLEAN UP MEASURES SHALL ALSO BE NOTED. ANY OWNER OR OPERATOR OF A FACILITY WHO HAS KNOWLEDGE OF ANY RELEASE OF A HAZARDOUS SUBSTANCE FROM A FACILITY IN A QUANTITY EQUAL TO OR EXCEEDING THE REPORTABLE QUANTITY IN A 24 HOUR PERIOD SHALL NOTIFY THE STATE WARNING POINT WITHIN ONE WORKING DAY OF THE RELEASE. FDEP 24-HOUR STATE WARNING POINT HOTLINE NUMBER IS

NOTICE OF TERMINATION:

A NOTICE OF TERMINATION SHALL BE SUBMITTED TO THE FDEP AFTER THE CONSTRUCTION HAS BEEN COMPLETED AND THE SITE HAS UNDERGONE FINAL STABILIZATION.

POLLUTION PREVENTION PLAN CERTIFICATION:

1 CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

TITLE: _____

DATE:

FICATION:

1 CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER."



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Campbell Company 450W. McGreger Dz. + Belles, ID 83705

Guardian Bluetooth® 4-Wire APS

ISO 9001:2015 - Made in the USA

Operating Temperature Range

Parameter

Operating Force

Switch Operating Life

Design Compliance

Temperature and Humidity

Transient Suppression

Mechanical Shock and

Electrical Reliability

Bluetooth® Specification

ISO 9001:2015 · Made in the USA

Maximum Volume

Test Type

Functionality

Protection

Vibration Guardian PBS enclosure

Transient Voltage

Electronic Noise

MTFB



The Guardian APS 4-Wire Push Button Station comes with a Bluetooth® option, and is ready to install out of the box. A four conductor cable connects the Signal Power Interface (SPI) in the pedestrian signal head to the pedestrian station. The housing, machined from solid 6061 T6 AL and stainless steel materials, is virtually vandal proof. The ADA compliant push button is designed to withstand sever impact. The Guardian provides essential information and audible indications required by the MUTCD and TAC making the intersection accessible for all pedestrians. All sounds emanate from the front and side of the station where the pedestrian is positioned to enter into the crosswalk. A face plate and sign, in a variety of sizes with security mounting hardware, make it the most robust APS station on the market.

Key Features

- PedConnex[™] and PedConnex[™] BT are factory supplied downloadable software for USB and Bluetooth® interface allowing station configuration and customization PedConnex™ BT and the optional Bluetooth® module operate with Android,
- and IOS apps are password protected.

 Out of the box and on to the pole pre-programmed and customized for plug and
- play installation at the intersection. Quick button set-up and recovery for replacement / knockdown

- Quick button serve and recovery for replacement, knockowin
 Fail as de default reverts to standard push button operation in flash.
 Agency or factory generated audible indication files are easily uploaded to PedConner% and transferred via Bluetooth or USB connectivity
 Quite Signal Technology (QST^{IN)} includes firmware settings for time of day functionality combined with port baffles that provide sound directionality not 360° uncontrolled broadcasting
- Intersection phase sound sync Beaconing functionality is designed into the Guardian. External speaker option available at the time of order

Campbell Company Inc. 2019 Doc.XXX Rev A

Off Mode function operates as a latching PPB with Dee Dah acknowledgement. Configuration profiles provide consistency for residential, business, and heavy traffic installations.

Page 1 of 2

Campbell Company **Operating Specifications** Station Size 5" x 7.75" 9" x 12" 9" x 15" Rating PN# 501-0801 501-0801/511 501-0801/512 -34°C to +74°C -30 °F to +165°F 3.0 Maximum Guardian Bluetooth® Module 501-0650 1,200,000 hrs. (136 years) Greater than 100 Million Operations Please specify Part Number and following attributes: 100 dB @ 1 meter 1. Color 2. Screw Type 3. Arrow type Field Selectable (FS) Textured Black Standard Phillips Federal Yellow Pinned Torx (T) Double Arrow DA Gloss Black Allen Head (Allen) No Arrow (NA) Compliance Unpainted/ Natural MUTCD 2009 - 4 E Other (specify)* NEMA TS2 NEMA TS2 4. Sign Legend Sign Films Available IEC 610000-4-4, IEC 61000-4-5 FCC Title 47, Part 15 Engineering Grade Class B SH ВИТТО Diamond Grade FOR NEMA TS2 Decals EG & DG NEMA 250 - Type 4X Braille 2 NEMA TS4

Bluetooth® SIG member All certifications performed by Certified Independent Testing Laboratories.

All specifications are subject to change without notice All Specification are Tvoical unless otherwise specified

Campbell Company Inc. 2019

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REVISIONS					CLAUDIA M. PEREZ, P.E.				TREAD
DATE	DESCRIPTION	DATE	DESCRIPTION		6401 SW 87th Avenue, Suite 200	CITY	IREASU		
					Miami, Florida 33173 Tel: 305.670.2350 Fax: 305.670.2351 www.bcceng.com Certificate of Authorization No. 7184	ROAD NO.	COUNTY	PROJECT NUMBER	<u> </u>
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APS PUSH BOTTOM SETTINGS USE	E TYPE (C INTERSECTION.				SR	934 / J.F. KEN INTERS
REVISION DESCRIPTION	ONS DATE	DESCRIPTION	CLAUDIA M. PEREZ, P.E. FLORIDA LICENSE NO.: 87238 6401 SW 87th Avenue, Suite 200	CITY	OF NORTH BA	TREASURE	
			Miami, Florida 33173	ROAD NO.	COUNTY	PROJECT NUMBER	·
			engineering Certificate of Authorization No. 7184	-	MIAMI-DADE COUNTY	0190151.01	C S

DATE



NOTES:

- 1. SIGNAL TIMING AND APS SETTINGS TO BE PROVIDED BY MIAMI-DADE COUNTY PUBLIC WORKS AND WASTE MANAGEMENT, TRAFFIC SIGNALS AND SIGNS DIVISION.
- 2. THE FOLLOWING MESSAGE SHALL BE PROGRAMMED INTO THE APS SYSTEM:

A WAIT TO CROSS JOHN F. KENNEDY CAUSEWAY

A WAIT TO CROSS 1800 BLOCK

3. FOR APS PUSH BOTTOM SETTINGS USE INTERSECTION TYPE B.

SR 934

EXIST. PED. SIGNAL HEAD (2 WAYS). PED. DETECTOR AND PED. PUSH BUTTON SIGN ON EXIST. PED. PEDESTAL. PROP. PED. DETECTOR (APS) ON EXIST PED. PEDESTAL. 665-1-12 2 EA 0 10	<u> </u>
Feet Feet EXIST. AT & T- SERVICE POINT (TO REMAIN) EXIST. CONTROLLER EXIST. CONTROLLER	
E2 (10 REMAIN) F AS 670-5-400 T AS 2 2	
EXIST. FPL SERVIN) 104 POINT (TO REMAIN) 104	
J.F. KENNEDY CSWY / 79 ST CSWY [4] ←□ [4] ←□ [4] ←□	
EXIST. PED. SIGNAL HEADS (2 PED. DETECTOR ON MAST ARM REMAIN. REMOVE EXIST. PED. S	WAYS), TO IGN
4 AND FOST DETECTOR (APS) A PROP. PED. DETECTOR (APS) A PED. PUSH BOTTON ON EXIST N ARM 665-1-12 2 EA	ND AAST
P6 = (P)	
CONDUIT & CABLE ITEMS 630-2-11 80 LF 632-7-2 200 LF	
34 / J.F. KENNEDY CSWY AND 1800 BLOCK INTERSECTION ID No. 3874	
EASURE ISLAND ADA IMPROVEMENTS	SHEET NO.
SIGNALIZATION PLANS	27



DATE	REVIS	ONS	DECODIDITION		CLAUDIA M. PEREZ, P.E. FLORIDA LICENSE NO : 87238				
DATE	DESCRIPTION	DATE	DESCRIPTION		6401 SW 87th Avenue, Suite 200	ULL	IREAS		
				I OC	Midmi, Floridd 33173	ROAD NO.	COUNTY	PROJECT NUMBER	
					engineering Certificate of Authorization No. 7184	-	MIAMI-DADE COUNTY	0190151.01	
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