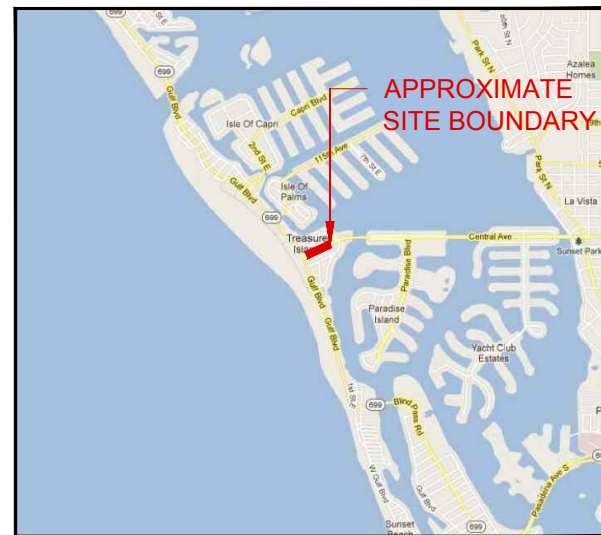


CITY OF TREASURE ISLAND, FLORIDA

DESIGN / CONSTRUCTION PLANS

FOR

107TH AVENUE ROADWAY IMPROVEMENTS



Vicinity Map

TREASURE ISLAND, Florida



FINAL

SEPTEMBER, 2017

PREPARED BY:

Michael Baker

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TITLE

COVER SHEET
GENERAL NOTES
TYPICAL SECTIONS
DEMOLITION PLAN
PLAN SHEET

DRAWING No.

-
GN-1
TS-1
D-1
P-1

REVISIONS			
No.	Description	Date	By

ENGINEER OF RECORD:

JERRY WASHINGTON
FL. P.E. NO. 55513

GENERAL NOTES

- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE STORAGE AND SECURITY OF HIS MATERIAL AND EQUIPMENT AND SHALL ERECT STORAGE FACILITIES AND FENCING AS NECESSARY AT NO ADDITIONAL COST.
- CONSTRUCTION STAKE-OUT SHALL BE PERFORMED BY CONTRACTOR. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL MEASUREMENTS THAT MAY BE REQUIRED TO LAYOUT THE CONSTRUCTION. THE COST OF STAKING WILL NOT BE PAID FOR DIRECTLY AND WILL BE INCLUDED IN THE UNIT PRICES FOR THE VARIOUS ITEMS OF WORK.
- THE SIZE AND LOCATION OF STAGING AREAS AND HAUL ROUTES WILL BE APPROVED BY THE CITY OF TREASURE ISLAND PRIOR TO CONSTRUCTION.
- ALL NON-PAVED AREAS OUTSIDE THE LIMITS OF CONSTRUCTION WHICH ARE DISTURBED BY THE CONTRACTOR SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND SODDED PER ITEM FDOT 570 UPON COMPLETION OF THE PROJECT. IN ADDITIONAL, ALL EXISTING ROADS THAT WILL BE USED AS THE CONTRACTOR'S HAUL ROUTE SHALL BE MAINTAINED DURING CONSTRUCTION AND RESTORED TO THEIR PRE-CONSTRUCTION CONDITION. NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR THIS ITEM UNLESS SPECIFICALLY PROVIDED FOR ON THE BID FORM.
- THE CONTRACTOR SHALL KEEP A WATER TRUCK ON SITE AT ALL TIMES FOR THE PURPOSE OF CONTROLLING DUST AS REQUIRED BY THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL VISIT THE SITE TO DETERMINE EXISTING CONDITIONS PRIOR TO SUBMITTING BID. THE CONTRACTOR SHALL REPORT TO THE CITY OF TREASURE ISLAND MANAGER ANY VARIATIONS FROM THE INFORMATION SHOWN ON THE CONSTRUCTION PLANS.
- THE CONTRACTOR SHALL OBTAIN A ZERO COST PERMIT FROM THE CITY OF TREASURE ISLAND PRIOR TO COMMENCEMENTS OF THE WORK. THE CONTRACTOR SHALL OBTAIN ALL OTHER PERMITS NECESSARY FOR THE COMPLETION OF THIS PROJECT.
- ALL DISPUTES ARISING FROM THE CONTRACTOR SHALL BE DECIDED BY THE ENGINEER OF RECORD, WHOSE DECISION SHALL BE FINAL.
- APPROVED CUTS IN PAVEMENT OR CONCRETE SHALL BE MADE USING A PAVEMENT SAW, AND SHALL BE PATCHED TO MATCH THE EXISTING SURFACE IN A MANNER APPROVED BY THE ENGINEER. SAW CUTTING SHALL BE INCLUDED IN THE COST OF THE OTHER VARIOUS CONTRACT ITEMS AND NO SEPARATE PAYMENT SHALL BE MADE.
- EXISTING EASEMENTS TO OTHER PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.
- THE EXISTING ACCESS ROADS AND HAUL ROUTES MAY NOT BE CAPABLE OF SUPPORTING CERTAIN TYPES OF CONSTRUCTION EQUIPMENT. PRIOR TO BIDDING, THE CONTRACTOR SHALL FULLY SATISFY THEMSELVES AS TO THE STABILITY OF THE EXISTING ROADWAY PAVEMENTS TO SATISFACTORILY SUSTAIN THE TYPE OF EQUIPMENT HE PLANS TO USE. CONTRACTOR SHALL SIZE THE EQUIPMENT USED FOR CONSTRUCTION ACCORDINGLY. ANY DAMAGE CAUSED BY HAULING OR ANY OTHER CONSTRUCTION ACTIVITY TO EXISTING PAVEMENT SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- THE CITY OF TREASURE ISLAND MANAGER SHALL DESIGNATE AREAS TO BE USED BY THE CONTRACTOR FOR THE PARKING OF CONSTRUCTION EQUIPMENT AND VEHICLES WHEN NOT ENGAGED IN THE CONSTRUCTION DURING NON- WORKING DAYS AND NIGHTS AS WELL AS AREAS FOR CONTRACTOR'S EMPLOYEES AUTO PARKING.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE CLEANUP AND DISPOSAL OF ALL TRASH AND DEBRIS CREATED BY HIS WORK OR PERSONNEL. NO BURNING IS ALLOWED ON SITE. ALL TRASH AND DEBRIS MUST BE DISPOSED OF OFF SITE.
- EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN, UNLESS OTHERWISE NOTED.
- STREET SIGNS, STREET MARKERS, AND R-O-W MARKERS SHALL BE REMOVED AND RELOCATED AS DIRECTED BY THE ENGINEER. NO SEPARATE PAYMENT SHALL BE FOR THESE ACTIVITIES. ANY LOST OR DAMAGED SIGNS OR MARKERS SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE CITY.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL ENVIRONMENTAL RULES AND REGULATIONS OF THE CITY, COUNTY, STATE, ARMY CORPS OF ENGINEERS, AND ANY OTHER JURISDICTIONAL AGENCIES, AND ALL CONDITIONS SET FORTH IN ENVIRONMENTAL PERMITS. ANY PUBLIC LAND CORNER OR BENCH MARK WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE CITY OF TREASURE ISLAND, WITHOUT DELAY, BY TELEPHONE.
- THE CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD THE CONTRACTOR REQUIRE SUCH FOR PERFORMING THE CONTRACTED WORK, THE CONTRACTOR SHALL REQUEST, IN WRITING, WRITTEN PERMISSION FROM THE PROJECT ADMINISTRATOR. THE CONTRACTOR SHALL PROVIDE A COPY TO THE DISTRICT CONTAMINATION IMPACTS COORDINATOR (DCIC). THE CONTRACTOR SHALL PROVIDE THE DCIC WITH A COPY OF THE MATERIAL SAFETY DATA SHEET (MSDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE. THE PROJECT ADMINISTRATOR SHALL COORDINATE WITH THE DCIC PRIOR TO ISSUING WRITTEN APPROVAL TO THE CONTRACTOR. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AND INTENDED FOR EQUIPMENT USE AS A HAZARDOUS MATERIAL, SUCH PRODUCTS DO NOT NEED A MSDS SUBMITTAL.
- ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE PROJECT ADMINISTRATOR, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE PROJECT ADMINISTRATOR IS TO NOTIFY THE DCIC OF THE DISCOVERY. THE DCIC WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE PROJECT ADMINISTRATOR. THE DCIC WILL ADVISE THE PROJECT ADMINISTRATOR.
- EROSION CONTROL ITEMS ARE ESTIMATED FOR PREVENTION, CONTROL, ABATEMENT OF EROSION, SEDIMENTATION, AND WATER POLLUTION. THESE ITEMS ARE TO BE USED AT THE LOCATIONS DESCRIBED IN THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN OR AS DIRECTED BY THE PROJECT ADMINISTRATOR TO COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
- CONTRACTOR SHALL NOTIFY PROPERTY OWNERS AND ENGINEER A MINIMUM OF 14 DAYS IN ADVANCE OF PERFORMING ANY LANE CLOSURES AND SIDEWALK CONSTRUCTION.
- ALL DISTURBED AREAS, INCLUDING AREAS OUTSIDE THE CONSTRUCTION LIMITS, SHALL BE RETURNED TO THEIR PRE-CONSTRUCTION CONDITIONS AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL ACCEPT THE RESPONSIBILITY THAT ALL WORK FOR THE PROJECT SHALL BE DONE WITHIN THE CITY OF TREASURE ISLAND OWNED PROPERTY. CONTRACTOR SHALL VERIFY THE CITY OF TREASURE ISLAND OWNED PROPERTY WITH THE CITY OF PUBLIC WORKS DEPARTMENT. NO WORK SHALL BE DONE OUTSIDE OF THE CITY OF TREASURE ISLAND OWNERSHIP. CONTRACTOR IS REQUIRED TO SURVEY ALL EXISTING CITY OF TREASURE ISLAND RIGHT-OF-WAY ADJACENT TO THE PROJECT LIMITS PRIOR TO CONSTRUCTION TO VERIFY THAT ALL PROPOSED WORK IS WITHIN CITY OF TREASURE ISLAND OWNERSHIP. CONTRACTOR SHALL NOTIFY CITY OF TREASURE ISLAND DEPARTMENT OF PUBLIC WORKS IF WORK IS PROPOSED OUTSIDE OF CITY OF TREASURE ISLAND OWNERSHIP.
- CONTRACTOR TO MAINTAIN ALL EXISTING DRAINAGE PATTERNS IN THE POST DEVELOPMENT CONDITIONS.
- ALL EXISTING AND PROPOSED UTILITIES SHALL MAINTAIN THE REQUIRED COVER IN POST-DEVELOPMENT CONDITIONS PER REGULATIONS SET FOR PINELLAS COUNTY, CITY OF TREASURE ISLAND, OR ANY OTHER APPLICABLE AGENCY.
- CONTRACTOR SHALL COORDINATE WITH ALL BUSINESSES ADJACENT TO PROPOSED WORK SO

THAT THE BUSINESSES CAN REMAIN OPEN DURING CONSTRUCTION WITHOUT A DISTURBANCE FROM CONSTRUCTION.

- THE CONTRACTOR SHALL FOLLOW FDOT SECTION 120 EXCAVATION AND EMBANKMENT FOR COMPACTION REQUIREMENTS.
- PAYMENT WILL BE BASED ON MEASURED IN PLACE QUANTITIES.
- AFTER THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL PROVIDE THE OWNER WITH CERTIFIED REPRODUCIBLE AS-BUILT PLANS, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER OR SURVEYOR REGISTERED IN THE STATE OF FLORIDA, AND AN ELECTRONIC COPY IN AUTOCAD FORMAT, PRIOR TO FINAL ACCEPTANCE.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLETING ALL CLOSEOUT DOCUMENTATION REQUIRED BY THE CITY OF TREASURE ISLAND AND ANY OTHER APPLICABLE AGENCIES.
- PROJECT PAY ITEMS: THE PROJECT PAY ITEMS ARE PROVIDED TO BE INCLUSIVE OF ALL WORK TO BE PERFORMED AS SHOWN IN THE CONTRACT DOCUMENTS. ALL WORK REQUIRED TO COMPLETE THE PROJECT BUT NOT SPECIFICALLY IDENTIFIED TO BE PART OF AN ITEM ON THE BID FORM IS CONSIDERED INCIDENTAL.
- ALL CONCRETE SHALL BE A MINIMUM OF 3,000 PSI.
- ALL TRAFFIC STRIPES AND MARKINGS ARE TO BE LEAD FREE, NON-SOLVENT BASED THERMOPLASTIC. THE CONTRACTOR SHALL FURNISH THE CITY PROJECT MANAGER WITH THE MANUFACTURER'S CERTIFICATION THAT THE THERMOPLASTIC IS "LEAD FREE".
- SHOP DRAWINGS FOR ALL ITEMS MUST BE SUBMITTED TO ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL COMPLY WITH THE LATEST TRENCH SAFETY ACT AND OSHA STANDARDS.
- THE CONTRACTOR SHALL PROVIDE ALL REQUIRED TESTING (BY THE CITY OF TREASURE ISLAND, PINELLAS COUNTY, SPECIFICATIONS AND ALL REGULATORY AGENCIES).
- ALL MANHOLE RIM ELEVATIONS SHALL MATCH FINISH GRADE.

UTILITY NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PROVIDING ALL PERMANENT AND TEMPORARY UTILITY CONNECTIONS TO THE STAGING AREA.
- PRIOR TO DIGGING ANY TRENCHES, CONTRACTOR SHALL NOTIFY ALL UTILITIES (ELECTRIC, GAS, TELEPHONE, WATER, SEWER) AND OBTAIN LOCATIONS OF UNDERGROUND UTILITIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND IDENTIFICATION OF ALL EXISTING UTILITIES AND UNDERGROUND PIPELINES IN CONSTRUCTION AREA. ANY DAMAGES TO EXISTING UTILITIES OR UNDERGROUND PIPELINES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL REPAIR WORK SHALL MEET THE APPROVAL OF THE OWNER OF THE DAMAGED UTILITY. NO REIMBURSEMENT WILL BE ALLOWED FOR UTILITY/PIPE REPAIR OR REPLACEMENT.
- EXISTING PULL BOXES AND VALVE BOXES WITHIN THE PROPOSED WORK AREA ARE TO REMAIN AND WILL BE ADJUSTED TO BE FLUSH WITH THE FINISH GRADE SURFACE. COST TO BE INCLUDED IN THE ASSOCIATED PAY ITEMS.
- THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA, BY EITHER 811 OR 800-432-4770, AND UTILITY OWNERS LISTED BELOW IN TWO BUSINESS DAYS (OR 10 DAYS IF DIGGING UNDER WATER) IN ADVANCE OF BEGINNING CONSTRUCTION ON THE JOB SITE.

DEMOLITION NOTES:

- ALL DEMOLISHED MATERIALS BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE SHOWN IN THE CONTRACT DOCUMENTS.
- THICKNESS OF PAVEMENTS TO BE REMOVED AS INDICATED ON DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL INVESTIGATE AND VERIFY THE THICKNESS OF EXISTING PAVEMENTS TO BE REMOVED.
- DISPOSAL OF CONSTRUCTION AND DEMOLITION DEBRIS MAY ONLY OCCUR AT OFFSITE DISPOSAL FACILITIES APPROVED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION.
- THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT HIS CONSTRUCTION ACTIVITIES CONFORM WITH APPLICABLE LOCAL, STATE, AND FEDERAL SAFETY REQUIREMENTS.

CONSTRUCTION PHASING NOTES:

- WORKING HOURS SHALL BE COORDINATED WITH THE CITY.

SURVEY NOTES:

- COORDINATES SHOWN HEREON ARE BASED ON NAD83(2011) HOLDING NGS PUBLISHED MONUMENTS PCDSM 29 AND PCDSM32 AND WERE ESTABLISHED USING RTK GPS.
- ELEVATIONS SHOWN HEREON ARE BASED ON NAVD 88 HOLDING NGS PUBLISHED MONUMENT PBE 147 (ELEV 4.51) AND PBE 149 (ELEV 5.04) AND VERIFIED USING RTK GPS.
- THE PURPOSE OF THE SURVEY WAS TO MAP EXISTING TOPOGRAPHIC FEATURES LYING WITHIN THE RIGHT-OF-WAY OF 107TH AVENUE AND IS NOT A BOUNDARY OR RIGHT-OF-WAY SURVEY.
- NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

CONSTRUCTION TECHNIQUES

CONCRETE JOINTS/REPLACEMENT

CONTRACTOR SHALL PROVIDE A NEAT SAW CUT IN AREAS WHERE NEW CONCRETE OR CURB MEETS EXISTING, AND MATCH EXISTING GRADE.

CONCRETE AND PAVEMENT REMOVAL

THE CONTRACTOR SHALL SAW CUT AND REMOVE THE EXISTING PAVEMENT, WHERE INDICATED ON THE PLANS OR ON THE TYPICAL SECTIONS. AREAS OUTSIDE THE LIMITS OF THE NEW CONCRETE THAT REQUIRE REMOVAL WILL BE SPECIFICALLY CALLED FOR ON THE PLANS. PAYMENT FOR THIS ITEM SHALL BE IN S.Y. AND INCLUDE ALL COST ASSOCIATED WITH SAW CUTTING, JACK HAMMERING, REMOVAL, AND DISPOSAL.

WATER VALVES AND METERS

WATER VALVES WILL BE ADJUSTED BY THE CONTRACTOR TO BE FLUSH WITH TOP OF FINISH GRADE. CONTRACTOR TO COORDINATE WITH PINELLAS COUNTY UTILITIES PRIOR TO PERFORMING WORK

CONCRETE EDGES

ALL CONCRETE EDGES SHALL BE HAND TOOLED (1/2" RADIUS).

MAINTENANCE OF TRAFFIC

CONTRACTOR SHALL PROVIDE A MOT PLAN TO THE CITY OF TREASURE ISLAND FOR APPROVAL PRIOR TO CONSTRUCTION, MOT PLAN IS INCIDENTAL MAINTENANCE OF TRAFFIC.

CONTRACTOR SHALL PROVIDE PERMANENT CONSTRUCTION SIGNS IN ADVANCE OF ALL WORK TO ALERT MOTORISTS OF CONSTRUCTION ACTIVITIES. FLAGMEN, BARRICADES, CONES, AND ADDITIONAL WARNING SIGNS WILL BE REQUIRED DURING DAILY OPERATIONS. CONTRACTOR SHALL ADHERE TO THE STANDARDS OF SECTION 100 OF THE FDOT STANDARD SPECIFICATIONS AND THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES AS PUBLISHED BY THE FHWA. ENGINEER RESERVES THE RIGHT TO SUSPEND CONSTRUCTION ACTIVITIES IF DEEMED UNSAFE.

CONSTRUCTION

ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2017 EDITION, AND DESIGN STANDARDS, DATED 2017, BOOK OF STANDARD DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING STRUCTURES, SIGNS, UTILITIES, LANDSCAPING AND PAVEMENTS. ANY DAMAGE TO THESE ITEMS CAUSED BY THE CONSTRUCTION OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL UTILITIES PRIOR TO DIGGING.

MAINTENANCE AND CLEAN UP

THE CONTRACTOR SHALL KEEP THE SITE NEAT AND CLEAN AS CONSTRUCTION PROGRESSES. ALL RUBBISH, WASTE MATERIAL, AND UNNECESSARY CONSTRUCTION EQUIPMENT SHALL BE REMOVED FROM THE SITE AT THE END OF EACH DAY. WATER SHALL BE AVAILABLE AT ALL TIMES TO CONTROL DUST. CONSTRUCTION SHALL BE ACCOMPLISHED SO THAT THE PUBLIC AND BUSINESS OWNERS WILL BE INCONVENIENCED AS LITTLE AS POSSIBLE. ALL DROP OFFS, OPEN EXCAVATIONS AND UNFINISHED SIDEWALK AREAS SHALL BE BARRICADED WITH SAFETY FENCE OR AN APPROVED EQUAL.

CLEARING AND GRUBBING

ALL EXISTING TREES ARE TO REMAIN UNLESS OTHERWISE NOTED. REMOVAL OF EXISTING ASPHALT AND CONCRETE PAVEMENT, PIPES, STRUCTURES, BUSHES, TREES AND BOLLARDS ARE INCIDENTAL TO CLEARING AND GRUBBING FDOT 110.

LIQUIDATED DAMAGES

LIQUIDATED DAMAGES AS PRESCRIBED IN THE CONTRACT DOCUMENTS SHALL BE ASSESSED FOR EACH DAY BEYOND THE SPECIFIED CONTRACT TIME THE ENTIRE PROJECT IS NOT SUBSTANTIALLY COMPLETE AND READY FOR USE BY THE OWNER. LIQUIDATED DAMAGES SHALL BE AN AMOUNT IN ACCORDANCE WITH FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 8, PROSECUTION AND PROGRESS.

EROSION CONTROL NOTES

GENERAL

- SILT FENCING AND/OR OTHER EROSION CONTROL DEVICES WILL BE REQUIRED TO CONTROL EROSION AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN THESE MEASURES THROUGHOUT CONSTRUCTION. ALL EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO ANY EXCAVATION OR CLEARING AND GRUBBING WORK.
- ALL DISTURBED AREAS ARE TO BE STABILIZED IN ACCORDANCE WITH THE PLANS WITHIN 14 DAYS OF THE COMPLETION OF GRADING OR OTHER NECESSARY CONSTRUCTION OPERATIONS AND WITHIN THE PRESCRIBED PHASING SCHEDULE.
- ANY FINES, PENALTIES, OR OTHER COSTS ASSESSED BY STATE, LOCAL OR OTHER GOVERNMENTAL AGENCIES FOR NON-PERFORMANCE OF THE EROSION CONTROL REQUIREMENTS OF THIS PROJECT AGAINST THE CITY OF TREASURE ISLAND SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR, AND ANY SUCH ASSESSMENTS, IF NOT PAID BY THE CONTRACTOR, WILL BE DEDUCTED FROM MONIES DUE AT THE COMPLETION OF THE PROJECT.
- PROTECTION OF THE EXISTING STORM SEWER SYSTEMS: DURING CONSTRUCTION, ALL STORM SEWER INLETS IN THE VICINITY OF THE PROJECT SHALL BE PROTECTED BY SEDIMENT TRAPS SUCH AS SECURED SYNTHETIC HAY BALES, SOD, STONE, ETC., WHICH SHALL BE MAINTAINED AND MODIFIED AS REQUIRED BY THE CONSTRUCTION PROCESS (SEE FDOT INDEX NO. 102, DATED 2010).
- SEDIMENT TRAPPING MEASURES: SEDIMENT BASINS AND TRAP, PERIMETER BERMS, FILTER FENCES, BERMS SEDIMENT BARRIERS, VEGETATIVE BUFFERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT AND/OR PREVENT THE TRANSPORT OF SEDIMENT ONTO ADJACENT PROPERTIES, OR INTO EXISTING WATER BODIES, MUST BE INSTALLED, CONSTRUCTED, OR IN THE CASE OF VEGETATIVE BUFFERS, PROTECTED FROM DISTURBANCE, AS A FIRST STEP IN THE LAND ALTERATION PROCESS.
- CONTRACTOR TO BE RESPONSIBLE FOR THE CONTROL OF FUGITIVE DUST AND ALIKE MATERIALS FOR THE DURATION OF THE CONSTRUCTION, SITE CONDITIONS AND INFORMATION SHOWN ON DRAWINGS PRIOR TO COMMENCING WORK.

MAINTENANCE PLAN



- ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCTION RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
- SEDIMENT WILL BE REMOVED FROM THE INLET PROTECTION DEVICES WHEN STORAGE CAPACITY HAS BEEN APPROXIMATELY 50% FILLED OR AS DIRECTED BY THE ENGINEER. GRAVEL WILL BE CLEANED OR REPLACED WHEN SEDIMENT POOL NO LONGER DRAINS PROPERLY.
- SEDIMENT WILL BE REMOVED FROM BEHIND THE TEMPORARY SILT FENCE WHEN IT BECOMES 0.5 FT. DEEP AT THE FENCE. THE TEMPORARY SILT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER. TEMPORARY DIVERSION SWALES WILL BE CHECKED AFTER EVERY RAINFALL AND ANY SIGNIFICANT SEDIMENT BUILD UP WILL BE REMOVED AS DIRECTED BY THE ENGINEER.

APPROVED STATE AND LOCAL PLANS AND PERMITS

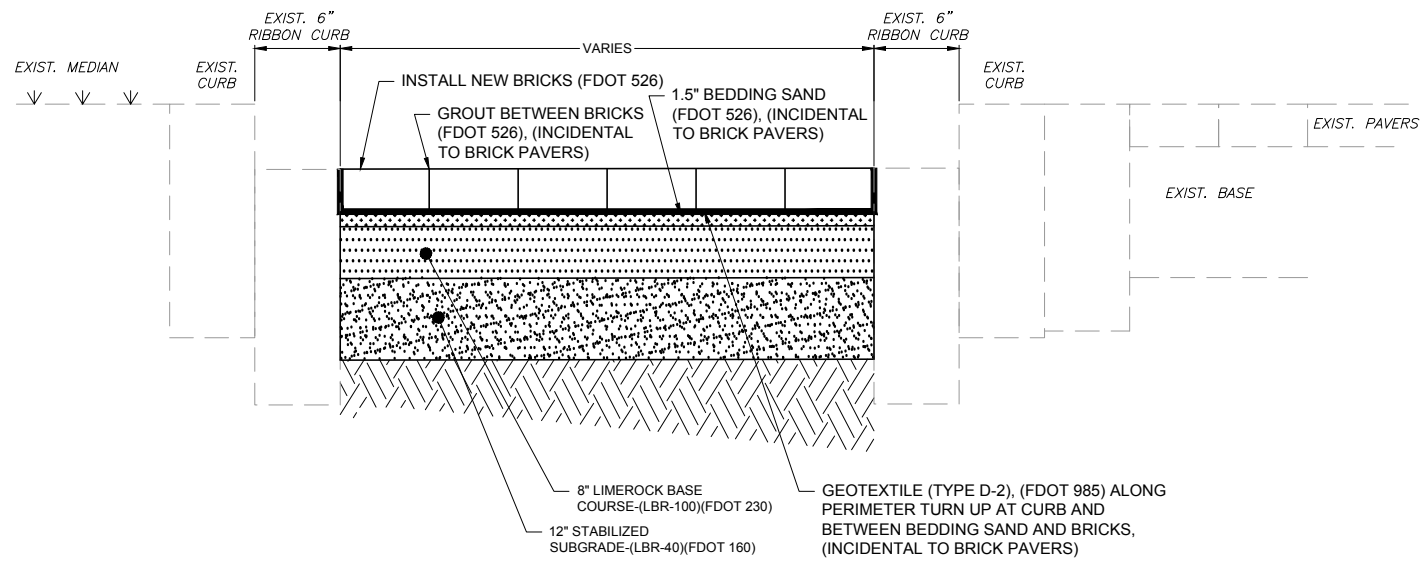
- ALL REVIEWED PERMITS AND ASSOCIATED FEES TO COMPLETE THE PROJECT ARE THE RESPONSIBILITY OF THE CONTRACTOR.

UTILITIES CONTACTS:

CITY OF TREASURE ISLAND DEPARTMENT OF PUBLIC WORKS 120 - 108TH AVENUE TREASURE ISLAND, FLORIDA 33706 CONTACT: MICHAEL HELFRICH P.E. (727) 547-4575 EXT 252	TECO PEOPLE GAS - ST PETERSBURG 1920 9TH AVE N ST PETERSBURG, FL 33713 CONTRACT: JASMIN GRIMARD PHONE: (727) 423-7140
SUNSHINE STATE ONE CALL OF FLORIDA 800-432-4770	PINELLAS COUNTY WATER AND SEWER 14 S. FORT HARRISON AVE. 6TH FLOOR CLEARWATER, FL 33756 CONTACT: JAY PERKINS PHONE: (727) 464-3536
FRONTIER COMMUNICATIONS 3712 W. WALNUT ST TAMPA, FL 33607 CONTACT: CARLOS BATES PHONE: (941)-906-6709	BRIGHTHOUSE NETWORKS MANATEE 700 CARILLON PARKWAY, STE 6 ST. PETERSBURG, FL 33716 CONTACT: DONALD ANTHONY PHONE: (727) 329-2000 EXT. 42841
DUKE ENERGY 2501 25TH ST N, ST. PETERSBURG, FL 33713 CONTACT: MEGAN VONSTETINA PHONE: (727) 893-9394	

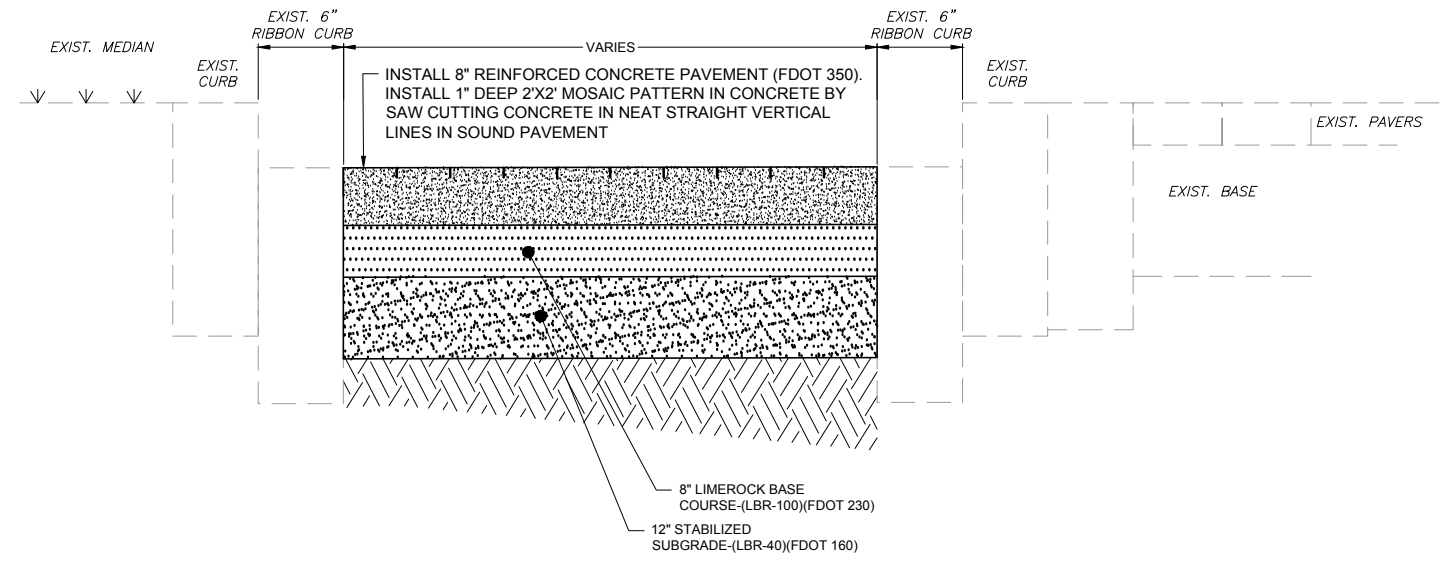
	<p>CITY OF TREASURE ISLAND FLORIDA</p>	 <p>Michael Baker INTERNATIONAL Michael Baker International, Inc. 5020 WEST LINBAUGH AVE SUITE 240, TAMPA, FLORIDA 33624 (813) 889-3892 CORPORATE LICENSE NUMBER 28861</p>	Designer: BB	Notes:	Revision No.	Description	Date	By	Project Name: 107TH AVENUE ROADWAY IMPROVEMENTS	Drawing Name: GENERAL NOTES	CITY OF TREASURE ISLAND PROJECT NUMBER:	
			Technician: BB					Date:			Issue:	
			Checked by: JW					Scale:			Sheet Number:	
			BAKER Project Number: 141402								AS SHOWN	GN-1

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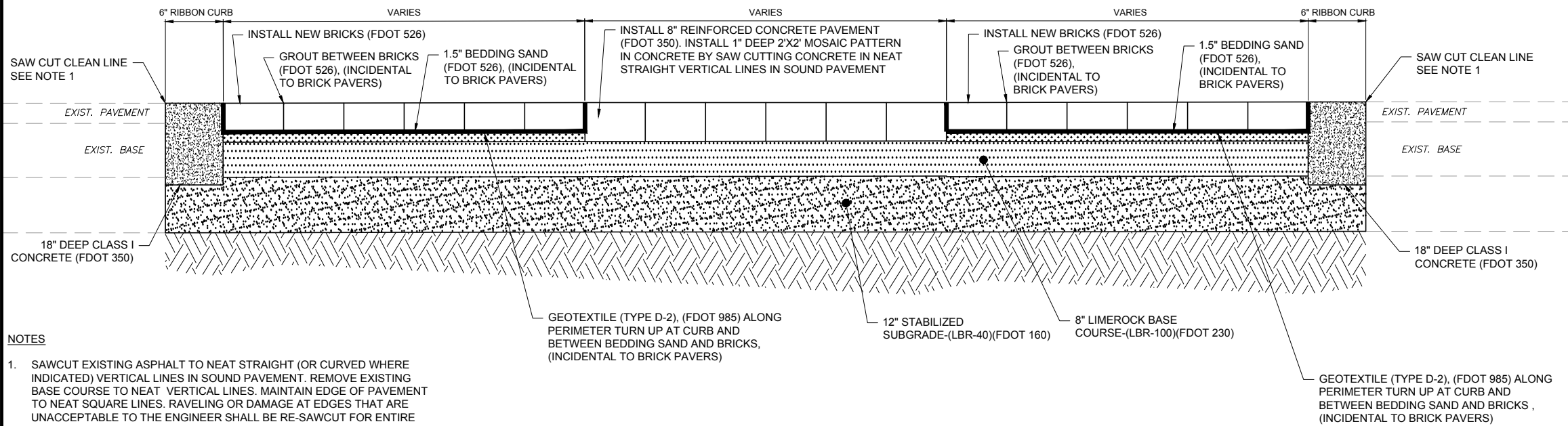
ROADWAY IMPROVEMENT TYPICAL SECTION

N.T.S.



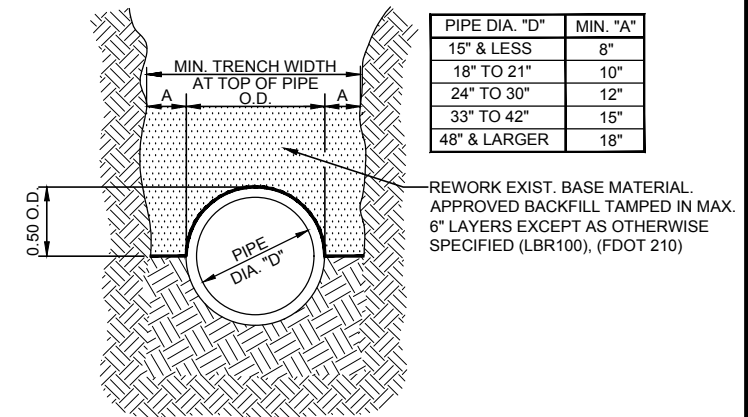
CROSSWALK TYPICAL SECTION

N.T.S.



ROADWAY IMPROVEMENT AND CROSSWALK TYPICAL SECTION

N.T.S.



REWORKING EXIST BASE MATERIAL AROUND EXIST STORM PIPES

N.T.S.

PIPE DIA. "D"	MIN. "A"
15" & LESS	8"
18" TO 21"	10"
24" TO 30"	12"
33" TO 42"	15"
48" & LARGER	18"

NOTES

- SAWCUT EXISTING ASPHALT TO NEAT STRAIGHT (OR CURVED WHERE INDICATED) VERTICAL LINES IN SOUND PAVEMENT. REMOVE EXISTING BASE COURSE TO NEAT VERTICAL LINES. MAINTAIN EDGE OF PAVEMENT TO NEAT SQUARE LINES. RAVELING OR DAMAGE AT EDGES THAT ARE UNACCEPTABLE TO THE ENGINEER SHALL BE RE-SAWCUT FOR ENTIRE LENGTH OF THE JUNCTURE AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE BEFORE PLACEMENT OF THE NEW BASE OR SURFACE COURSE.



CITY OF TREASURE ISLAND FLORIDA

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Designer: BB
 Technician: BB
 Checked by: JW
 BAKER Project Number: 141402

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Notes:

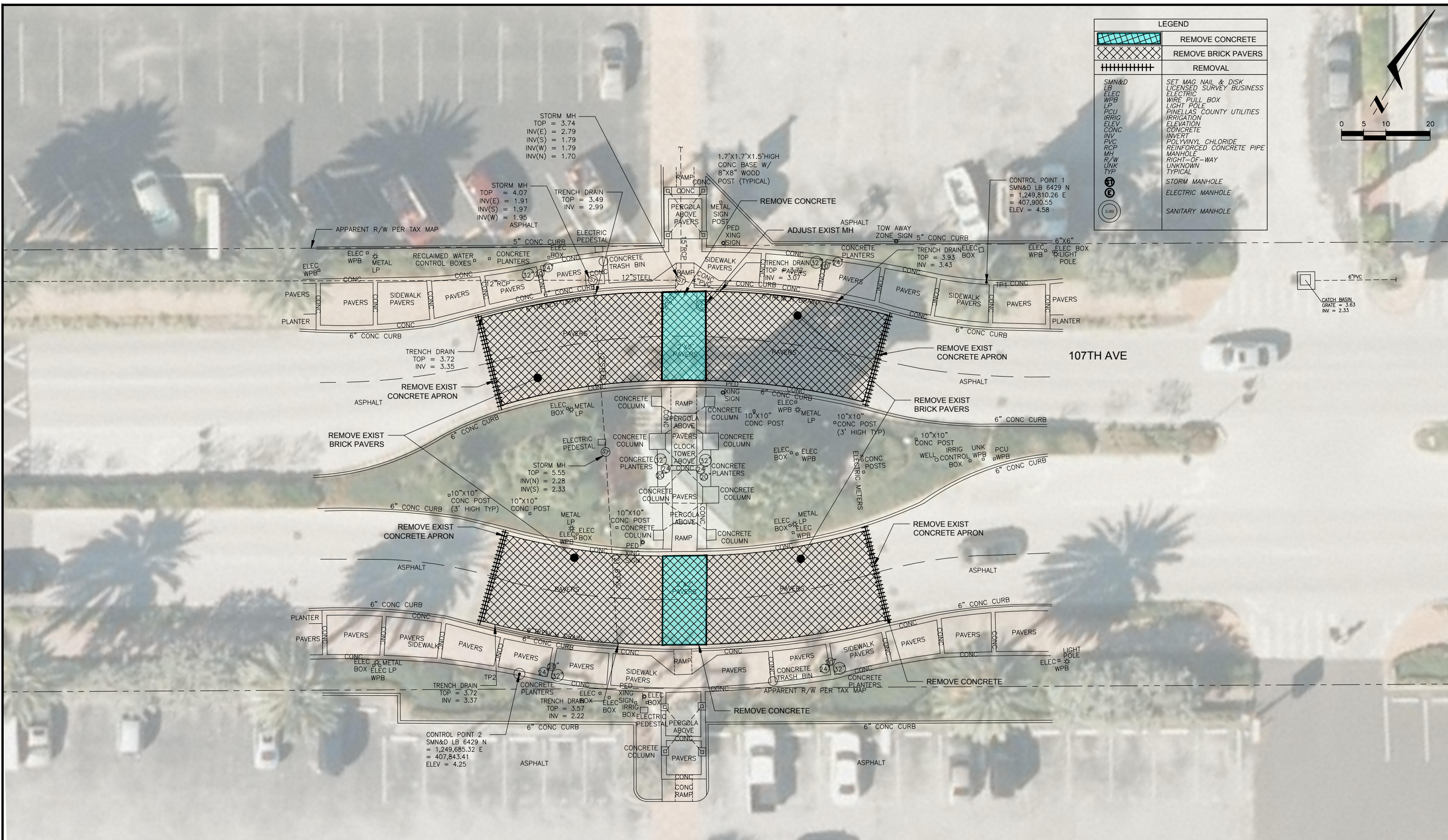
Revision No.	Description	Date	By

Project Name:
107TH AVENUE ROADWAY IMPROVEMENTS

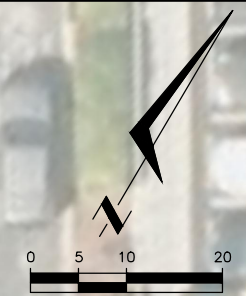
Drawing Name:
TYPICAL SECTIONS

CITY OF TREASURE ISLAND PROJECT NUMBER:	
Date: APRIL, 2017	Issue: 100% SET
Scale: AS SHOWN	Sheet Number: TS-1

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LEGEND	
	REMOVE CONCRETE
	REMOVE BRICK PAVERS
	REMOVAL
SMN&D	SET MAG NAIL & DISK
LB	LICENSED SURVEY BUSINESS
ELEC	ELECTRIC
WPB	WIRE PULL BOX
LP	LIGHT POLE
PCU	PINELLAS COUNTY UTILITIES
IRRIG	IRRIGATION
ELEV	ELEVATION
CONC	CONCRETE
INVT	INVERT
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
MH	MANHOLE
R/W	RIGHT-OF-WAY
UNK	UNKNOWN
TYP	TYPICAL
	STORM MANHOLE
	ELECTRIC MANHOLE
	SANITARY MANHOLE



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FLORIDA**

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Notes:

Revision No.	Description	Date	By

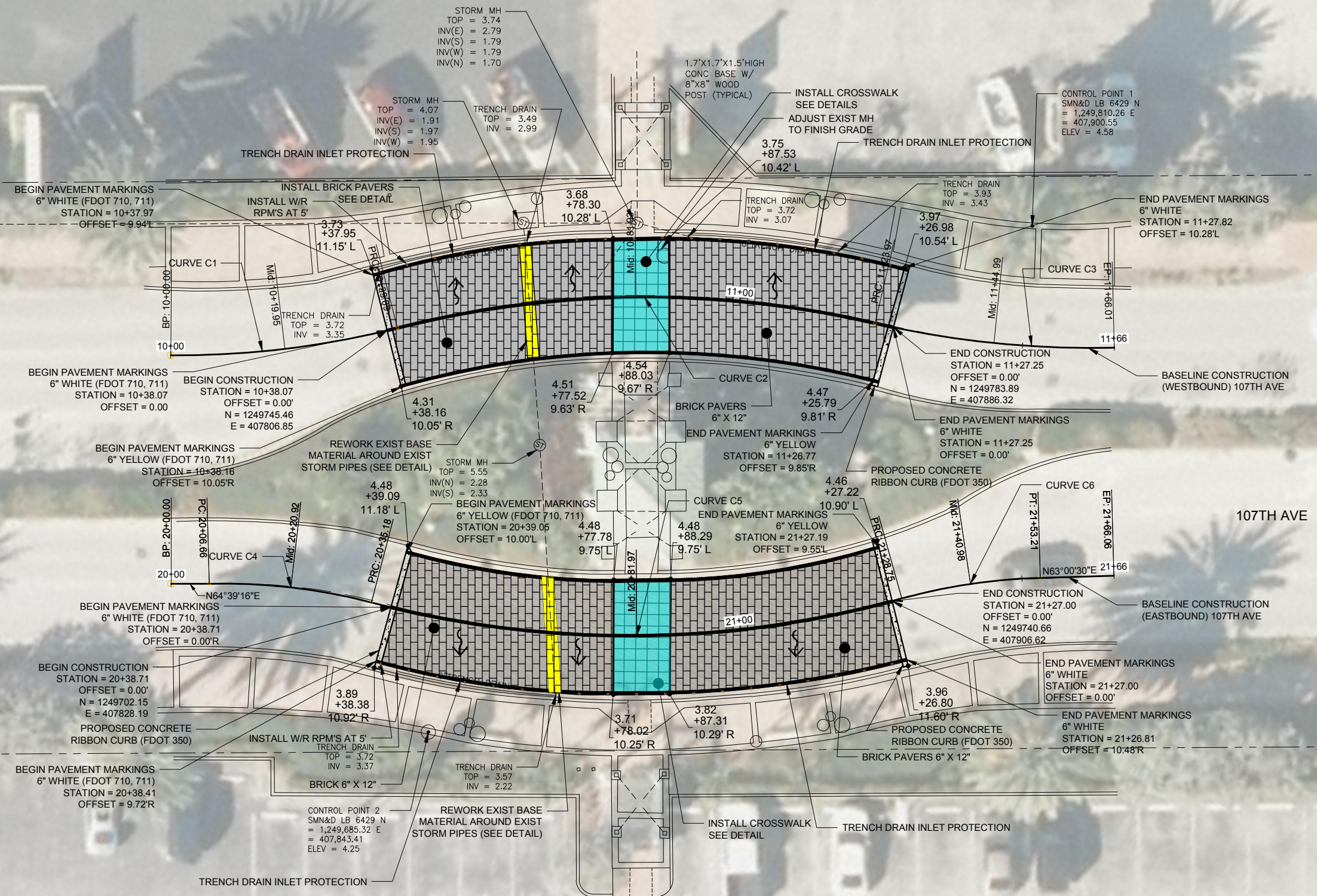
Project Name:
**107TH AVENUE
ROADWAY IMPROVEMENTS**

Drawing Name:
DEMOLITION PLAN

CITY OF TREASURE ISLAND PROJECT NUMBER:
Date: APRIL, 2017 Issue: 100% SET
Scale: AS SHOWN Sheet Number: D-1

Y:\Projects\Treasure Island, FL\107th Avenue Roadway Improvements (Near Clock Tower)\CADD-dwg\004_PLAN SHEET-107th Avenue (PS-1).dwg September 25 2017 15:55

CURVE C1	CURVE C2	CURVE C3	CURVE C4	CURVE C5	CURVE C6
PI STA. 10+20.06	PI STA. 10+82.75	PI STA. 11+45.10	PI STA. 20+21.02	PI STA. 20+83.09	PI STA. 21+41.04
$\Delta = 15^\circ 41' 51''$	$\Delta = 27^\circ 18' 04''$	$\Delta = 14^\circ 30' 48''$	$\Delta = 16^\circ 20' 25''$	$\Delta = 30^\circ 17' 16''$	$\Delta = 14^\circ 01' 50''$
$D = 37^\circ 27' 47''$	$D = 32^\circ 55' 21''$	$D = 35^\circ 01' 35''$	$D = 60^\circ 00' 00''$	$D = 32^\circ 49' 02''$	$D = 60^\circ 00' 00''$
$L = 39.894'$	$L = 84.077'$	$L = 42.039'$	$L = 28.519'$	$L = 93.566'$	$L = 24.459'$
$R = 155.70'$	$R = 176.45'$	$R = 166.15'$	$R = 100.00'$	$R = 177.00'$	$R = 100.00'$
PC STA. 10+00.00	PC STA. 10+39.89	PC STA. 11+23.97	PC STA. 20+06.66	PC STA. 20+35.18	PC STA. 21+28.75
PT STA. 10+39.89	PT STA. 11+23.97	PT STA. 11+66.01	PT STA. 20+35.18	PT STA. 21+28.75	PT STA. 21+53.21



LEGEND	
	BRICK PAVERS
	CROSSWALK REINFORCED CONCRETE PAVEMENT
	REWORKED EXISTING BASE
	FLOW ARROW
	SPOT ELEVATION STATIONING
	OFFSET



CITY OF TREASURE ISLAND FLORIDA

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Designer: BB
 Technician: BB
 Checked by: JW
 BAKER Project Number: 141402

JERRY WASHINGTON
 FLORIDA LICENSE # 55513

Notes:

Revision No.	Description	Date	By

Project Name: **107TH AVENUE ROADWAY IMPROVEMENTS**

Drawing Name: **PLAN SHEET**

CITY OF TREASURE ISLAND PROJECT NUMBER:
 Date: APRIL, 2017 Issue: 100% SET
 Scale: AS SHOWN Sheet Number: P-1