



CITY OF CLEARWATER

OFFICIAL RECORDS & LEGISLATIVE SERVICES

CITY HALL, 112 SOUTH OSCEOLA AVENUE, CLEARWATER, FLORIDA 33756

TELEPHONE (727) 562-4090 FAX (727) 562-4086

June 5, 2017

Mr. Ken Burke
Pinellas County Clerk of the Court
315 Court Street
Clearwater, FL 33756

Dear Mr. Burke:

Pursuant to Florida Statutes, Section 163.01, we have enclosed for filing a copy of the Interlocal Agreement - Clearwater Beach Transit Facility adopted by the City Council of the City of Clearwater on April 6, 2017.

Very truly yours,

Susan Chase
Documents & Records Specialist

Enclosure(s)

Cc: County Administrator - Mark S. Woodard

RECEIVED
2017 JUN 13 PM 2:40
CLEARWATER, FLORIDA

**INTERLOCAL AGREEMENT
CLEARWATER BEACH TRANSIT FACILITY**

THIS INTERLOCAL AGREEMENT (“Agreement”) is entered into on this 26th day of April, 2017 by and between the **Pinellas Suncoast Transit Authority**, an independent special district with its principal place of business located at 3201 Scherer Drive, St. Petersburg, FL 33716 (“PSTA”), and the **City of Clearwater, Florida**, a municipal corporation with its principal place of business located at 112 S. Osceola Ave., Clearwater, Florida 33756 (the “City”).

WHEREAS, Clearwater Beach is a critical driver of the Pinellas County economy; and

WHEREAS, providing safe, effective alternative transportation options to this key destination is essential to the maintenance of its economic vitality and attractiveness to visitors from within and outside Pinellas County; and

WHEREAS, PSTA has engaged an engineer who has prepared a design of a transit facility suitable for Clearwater Beach in cooperation with City staff; and

WHEREAS, the intent of the facility, the Clearwater Beach Transit Center (CBTC), is to maximize direct connections to the beach and provide a seamless connection between transportation services that connect people to beach activities; and

WHEREAS, the CBTC is intended to provide a visible location for beach visitors to board and disembark bus transportation services; and

WHEREAS, the CBTC will provide a designated location for buses serving the beach to connect with other beach bus transportation; and

WHEREAS, Grantor is a municipal corporation that owns or has jurisdiction over certain portions of the right-of-way of Causeway Boulevard and the property adjacent to Causeway Boulevard directly west of the Mandalay Channel, as more particularly described in Exhibit “A” (“Property”); and

WHEREAS, the City has agreed to grant an easement and right-of-way permit, as applicable, to PSTA for the construction, maintenance and operation of the CBTC on City right-of-way and City property adjacent to Causeway Boulevard, directly west of the Mandalay Channel as more particularly depicted in Exhibit B attached hereto (Easement Area) and Exhibit C attached hereto (Right-of-way Permit Limits); and

WHEREAS, Section 163.01, Florida Statutes, Florida Interlocal Cooperation Act, authorizes governmental entities to provide services and facilities through the use of cooperative agreements for the mutual advantage of each governmental entity.

NOW, THEREFORE, in exchange for mutually agreeable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties agree as follows:

SECTION 1: PSTA'S OBLIGATIONS

a. PSTA shall cause the CBTC in the Easement Area and Right-of-way Permit Limits to be constructed generally in accordance with the plans attached as Exhibit D and the Scope of Work attached as Exhibit E (the "Project").

b. PSTA shall be solely responsible for and in control of the design and construction of the Project, including but not limited to procurement and selection of a general contractor and engineer, preparation of the specifications, right-of-way survey and final site plans for the Project, and ensuring that all necessary licenses and permits are obtained for the completion of the Project. Any contractor retained to construct the Project and any engineer retained to design the Project will be selected by PSTA pursuant to PSTA purchasing and procurement procedures and nothing construed herein shall be construed as a restriction on PSTA's ability to select the contractor or the engineer, to reject any and all bids, or take any other action during the procurement process.

c. PSTA shall endeavor to commence construction of the Project by August 1, 2017 with a tentative completion date of December 31, 2017. The actual commencement date will depend on finalization of construction plans, issuance of permits, obtaining all necessary government approvals, and completion of the procurement process by PSTA.

d. PSTA shall own all hardscape improvements made as part of the Project.

e. PSTA shall be solely responsible for maintaining, operating, and repairing the Project, as needed in PSTA's sole discretion.

f. PSTA shall maintain insurance for the hardscape improvements made as part of the Project. PSTA's self-insurance program shall satisfy this requirement.

g. PSTA will have the contractor, subcontractor or manufacturer who designed, installed or manufactured the canopy provide training to PSTA and City staff on the removal, storing and re-installation of the canopy in case of a storm event.

SECTION 2: CITY'S OBLIGATION'S

a. The City shall contribute Two Hundred Fifty Thousand Dollars (\$250,000.00) towards the costs of the design, permitting and construction of the Project. The City's contribution shall be paid to PSTA in installments equal to one-half (1/2) of all invoices due and payable by PSTA for the design and construction of the Project until the City has paid Two Hundred Fifty Thousand Dollars and NO/100 (\$250,000.00) to PSTA toward the Project. The City shall pay all installments within thirty (30) days of PSTA's submittal of the invoice to the City.

b. Grant PSTA an easement in the form attached as Exhibit F for the construction, maintenance and operation of the CBTC on City right-of-way and City property.

c. Grant a Right-of-way Permit in the form attached as Exhibit G for the construction, maintenance and operation of the CBTC on City right-of-way and City property.

d. Promptly review any applications for building permits or development orders that are necessary for the Project and issue said permits and orders in compliance with applicable codes at no charge to PSTA. The Parties recognize that PSTA is exempt from such charges pursuant to Section 7, Chapter 00-424, Laws of Florida.

e. Issue a certificate of occupancy upon inspection, approval and completion of the Project.

f. Be responsible for deployment of a queue jumping signalization system to be completed through the City Traffic Operations Division prior to completion of the construction of the Project.

g. Review all maintenance of traffic (MOT) plans necessary for the Project through the City Traffic Operations Division with a turn around time of 24 hours.

h. Purchasing, installing, and maintaining all landscaping and the irrigation system associated with the CBTC at the City's cost. Any amount by the City on landscaping and the irrigation system is in addition to the City's contribution set forth in subsection a above.

i. Provide supplemental maintenance of the hardscape associated with garbage, refuse and sand removal, when requested by PSTA.

j. Provide for the safe removal, storage and reinstallation of the canopy when required because of a storm event.

k. Provide law enforcement assistance, to the same extent provided to the public in general, to protect the safety of the public and PSTA's riders utilizing the CBTC.

l. Authorize PSTA and/or its contractors, to procure any necessary licenses, permits and development order on the City's behalf that are necessary to complete the Project.

SECTION 3. TERMINATION

a. Either Party may terminate this Agreement for cause by providing written notice to the other Party at least thirty (30) days prior to termination, specifying the cause for which that Party intends to terminate and only if the other Party fails to cure the violation within the thirty (30) day period. The Easement and Right-of-way permit shall automatically terminate upon termination of this Agreement and removal of PSTA-owned improvements, as applicable. The Parties agree to cooperate in recording any document necessary to memorialize termination of the Easement.

b. If PSTA elects to cease use of the CBTC, then PSTA shall provide the City with thirty (30) days' written notice of the termination of this Agreement. If requested by the City, PSTA shall remove the vertical improvements installed as part of the Project.

c. If the canopy is damaged requiring it to be replaced due to a storm, disaster, act of God, or other naturally occurring event, and if there are sufficient insurance proceeds to replace the canopy, PSTA shall reconstruct the canopy. If PSTA determines that there are insufficient insurance proceeds to pay for the reconstruction of the canopy, the Parties can mutually agree to share equally the additional cost to replace the canopy. If the Parties do not mutually agree to share equally the cost to replace the canopy, this Agreement shall terminate.

SECTION 4: TERM

This Agreement shall commence upon the date first above written and shall terminate twenty (20) years from the date of the issuance of the certificate of occupancy for the Project.

SECTION 5: FORCE MAJEURE OR DELAY

a. Neither party shall be liable for any non-performance or delayed performance under this Agreement if caused by Force Majeure. Force Majeure shall be defined as a fire, flood, act of God, war, terrorism, riot, national emergency, sabotage, civil disturbance, strike, labor dispute, or events which are not the fault or are beyond the control of the party.

b. PSTA shall not be liable to the City for any delays in completing the Project, including but not limited to delays in connection with PSTA's contractor, manufacturer, suppliers or agents thereof.

SECTION 6: NOTICES

a. All notices required or made pursuant to this Agreement shall be made in writing and sent by certified U.S. mail, return receipt requested, addressed to the following:

To PSTA:

**PINELLAS SUNCOAST
TRANSIT AUTHORITY**

Administration Building
3201 Scherer Drive
St. Petersburg, Florida 33716
Attn.: Chef Executive Officer

To City:

CITY OF CLEARWATER

112 S. Osceola Ave.
Clearwater, Florida 33756
Attn.: City Manager

With required copy to:

Alan S. Zimmet, Esq.
One Tampa Center
Suite, 2700
Tampa, FL 33602

b. Either Party may change its above noted address by giving written notice to the other Party in accordance with the requirements of this Section.

SECTION 7: LIABILITY

a. Each Party shall be responsible for its own acts or omissions in accordance with Section 768.28, Florida Statutes.

b. Nothing contained herein shall in any way waive any immunity from or limitation of liability that each Party enjoys under the constitution, and Florida Statutes and particularly Chapter 768, Florida Statutes.

SECTION 8: FILING

A copy of this Agreement and any subsequent amendments shall be filed with the clerk of court in and for Pinellas County in accordance with Section 163.01, Florida Statutes.

SECTION 9: MISCELLANEOUS

a. ENTIRE AGREEMENT. This Agreement, along with the Easement and exhibits, constitute the entire agreement between the Parties with respect to the Project and supersedes all previous written or oral negotiations, agreements, proposals and/or understandings. There are no representations or warranties unless set forth in this Agreement, the Easement and any exhibits.

b. SEVERABILITY. If any one or more of the provisions of this Agreement shall be held to be invalid, illegal, or unenforceable in any respect by a court of competent jurisdiction, the validity, legality, and enforceability of the remaining provisions hereof shall not in any way be affected or impaired thereby and shall be treated as though that portion had never been a part hereof.

c. MODIFICATION. This Agreement shall only be amended by express written agreement of the Parties.

d. HEADINGS AND SECTION REFERENCES. The headings and section references in this Agreement are inserted only for the purpose of convenience and shall not be construed to expand or limit the provisions contained in such sections.

e. BINDING EFFECT. This Agreement shall be binding upon the successors and/or assigns of the Parties hereto. However, neither Party may assign, sublet, or transfer any interest in this Agreement without the prior written consent of the other Party and such consent shall not be unreasonably withheld. Provided, however, that PSTA may assign its rights and obligations under this Agreement to any successor public transit authority or a public agency operating public bus transportation in Pinellas County, without the consent of the City.

f. AUTHORIZATION. Both Parties to this Agreement represent and warrant that they are authorized to enter into this Agreement and that those executing this Agreement have full power and authority to bind their respective Parties to the terms hereof.

g. WAIVER. No waiver of any default or failure to perform shall be valid unless set forth in writing by the waiving party and shall not constitute a waiver of any other default or failure to perform under this Agreement, or of any rights or remedies to which either Party may be entitled to on account of any such default or failure to perform.

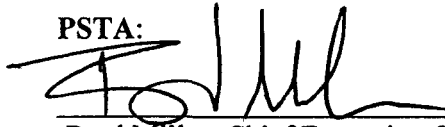
h. CONTROLLING LAW AND VENUE. This Agreement shall be construed by and controlled under the laws of the State of Florida. The Parties consent to jurisdiction over them and agree that venue for any state action arising under this Agreement shall lie solely in the courts located in Pinellas County, Florida, and for any federal action shall lie solely in the United States District Court, Middle District, Tampa Division.

IN WITNESS WHEREOF, the Parties hereto have made and executed this Agreement on the first date above written.

APPROVED AS TO FORM:


Alan S. Zimmet, General Counsel

PSTA:


Brad Miller, Chief Executive Officer

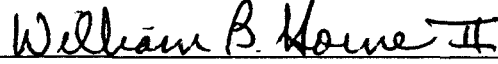
ATTEST:


Rachael Cappolla

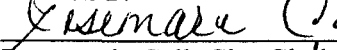
CITY OF CLEARWATER:

COUNTERSIGNED

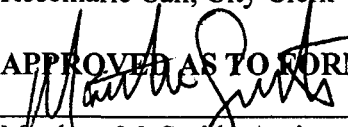

George N. Cretekos, Mayor

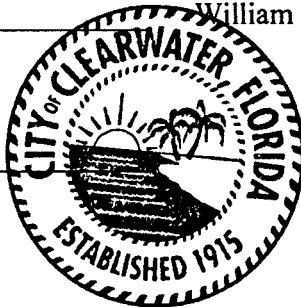

William B. Horne, II, City Manager

ATTEST:


Rosemarie Call, City Clerk

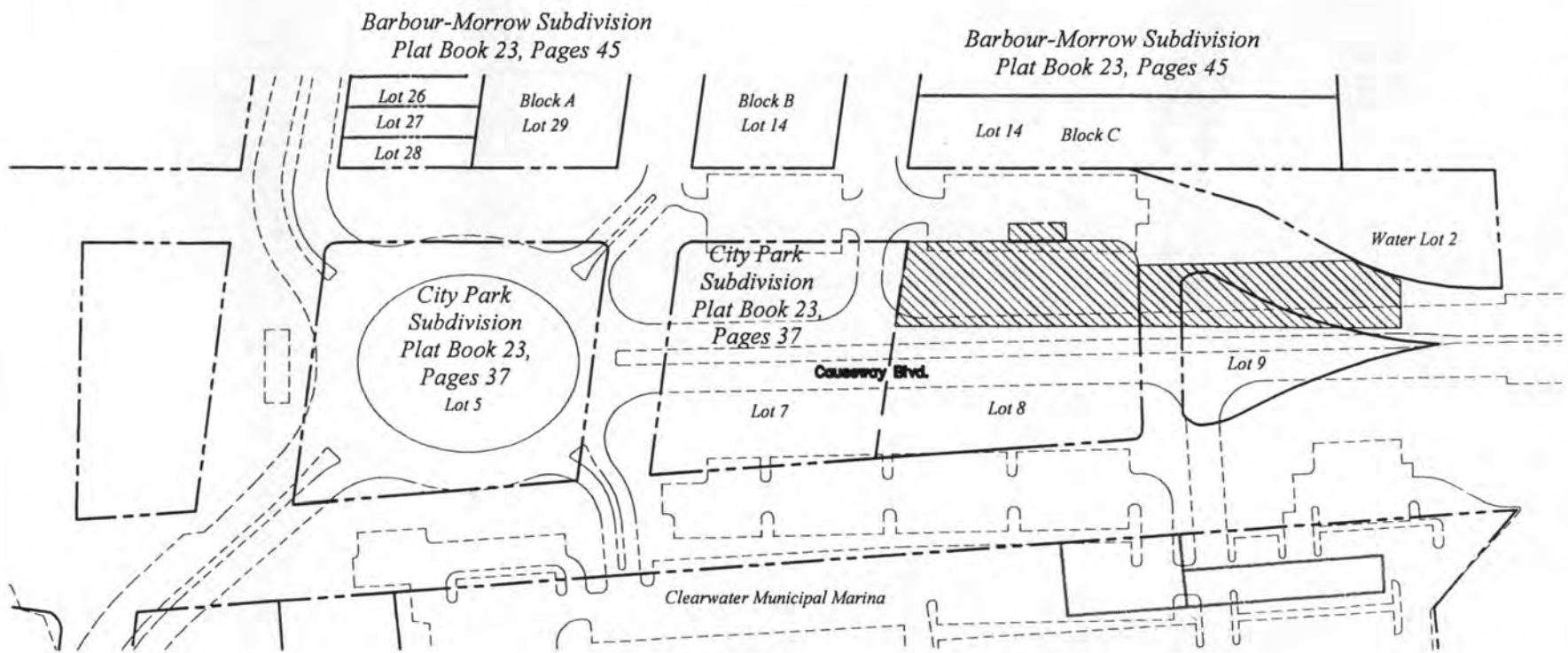
APPROVED AS TO FORM:


Matthew M. Smith, Assistant City Attorney



N.T.S.
 This is not a survey

EXHIBIT "A"



Linetype Legend

- Lot Line
- Property Line
- Right-of-Way Line

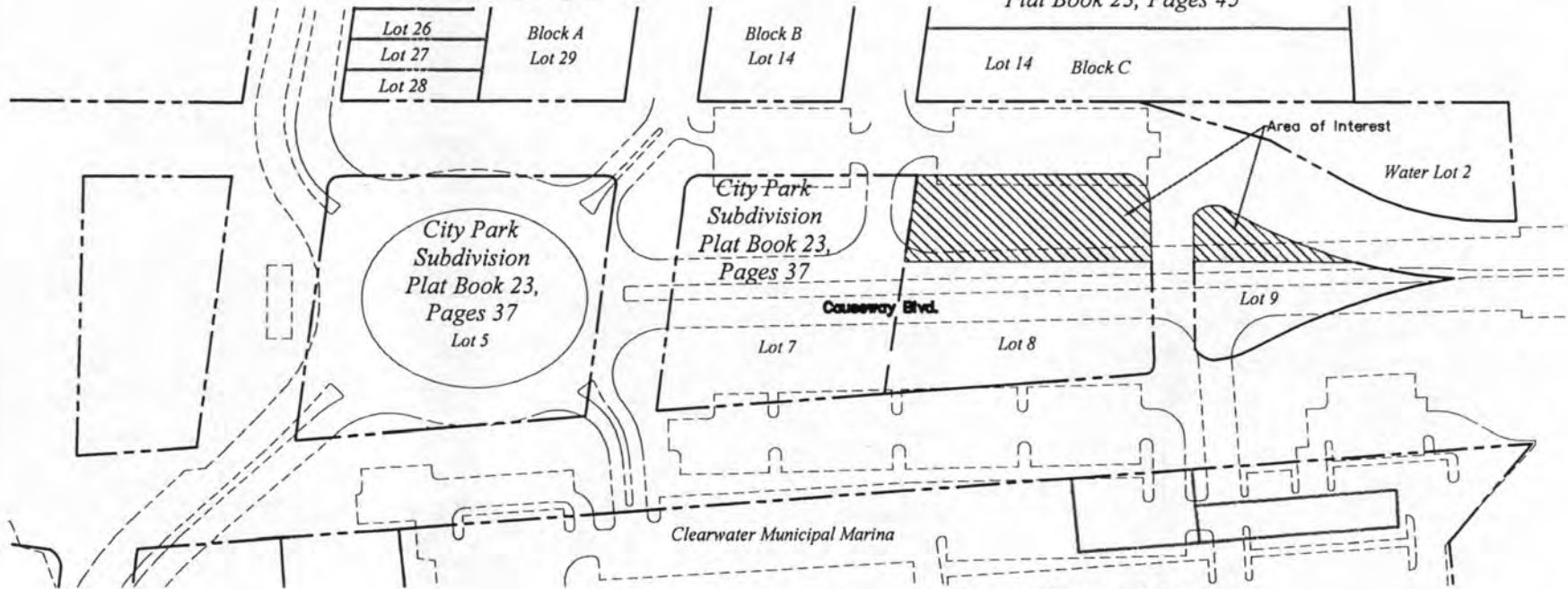
CITY OF CLEARWATER ENGINEERING DEPARTMENT		PSTA Transfer Station Overall Project Limits		DWG. NO. Lgl_2017-6	SHEET 1 OF 3
DRAWN BY L. Moody	CHECKED BY T. Mahony			SECT-TWNSP-RNG 8 - 29 - 15	DATE DRAWN 3/9/2017

N.T.S.
 This is not a survey

EXHIBIT "B"

Barbour-Morrow Subdivision
 Plat Book 23, Pages 45

Barbour-Morrow Subdivision
 Plat Book 23, Pages 45



Linetype Legend

- Lot Line
- Property Line
- Right-of-Way Line

Legal Description

- A. The North 70.00 feet of Lot 8 as shown on the Plat of City Park Subdivision, as recorded in Plat Book 23, Page 37, of the Public Records of Pinellas County, Florida. Containing 0.30 acre, more or less. AND
- B. The North 45.00 feet of Lot 9 as shown on the Plat of City Park Subdivision, as recorded in Plat Book 23, Page 37, of the Public Records of Pinellas County, Florida. Containing 0.07 acre, more or less.

CITY OF CLEARWATER
 ENGINEERING DEPARTMENT

DRAWN BY
 L. Moody

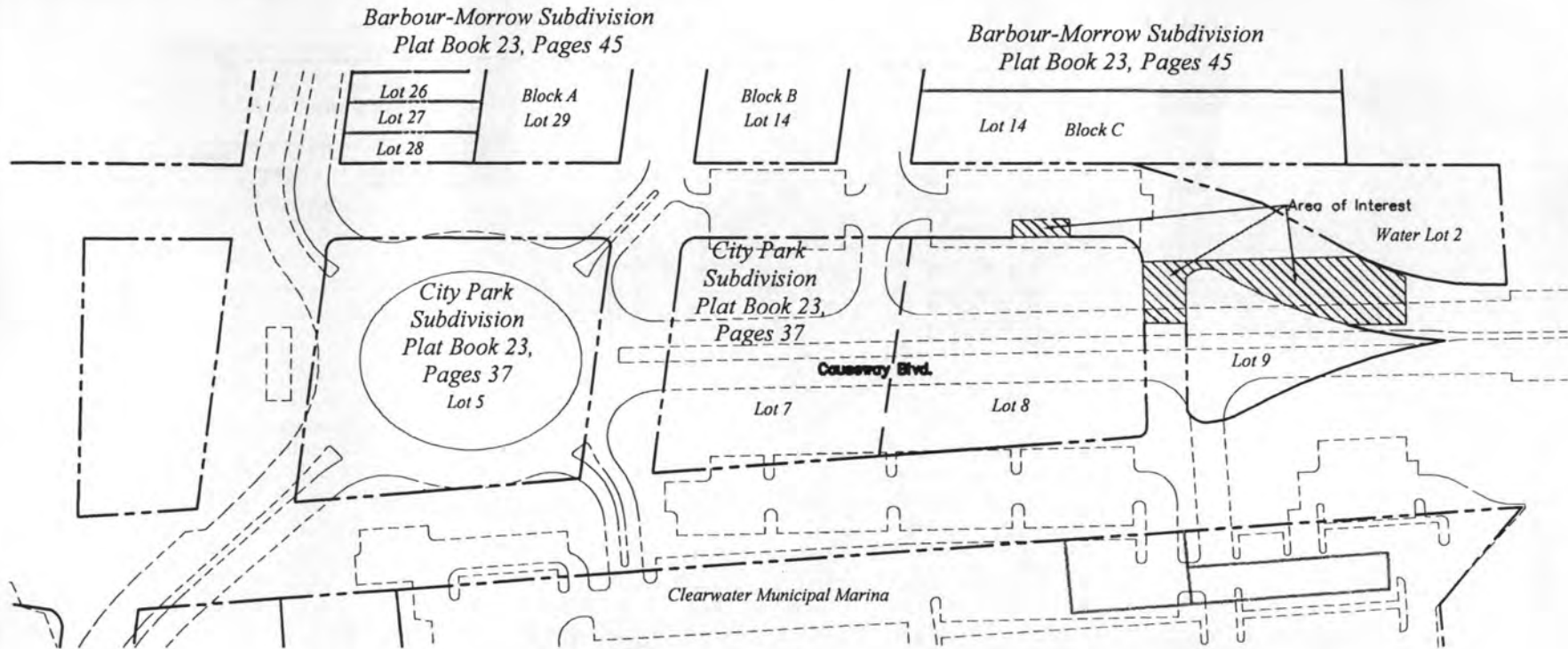
CHECKED BY
 T. Mahony

PSTA Transfer Station Easement




DWG. NO. Lgl_2017-6	SHEET 2 OF 3
SECT-TWNSP-RNG 8 - 29 - 15	
DATE DRAWN	3/9/2017

N.T.S.
 This is not a survey

EXHIBIT "C"



Linetype Legend

-  Lot Line
-  Property Line
-  Right-of-Way Line

CITY OF CLEARWATER ENGINEERING DEPARTMENT	
DRAWN BY L. Moody	CHECKED BY T. Mahony

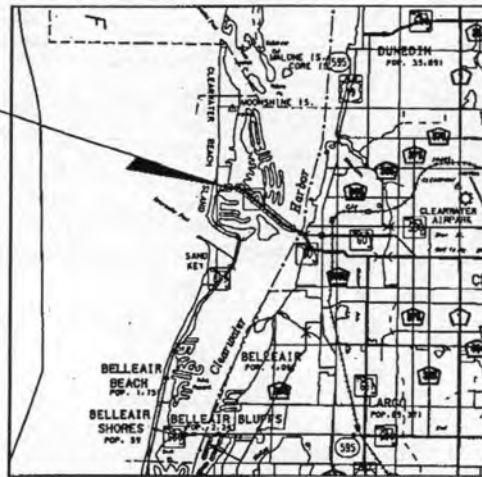
PSTATS - Right-of-Way Permits Limits

DWG. NO. Lgl_2017-6	SHEET 3 OF 3
SECT-TWNSP-RNG 8 - 29 - 15	
DATE DRAWN 3/9/2017	



CLEARWATER BEACH TRANSIT CENTER

LOCATION OF PROJECT



LOCATION MAP



GOVERNING DESIGN STANDARDS:

City of Clearwater Standards & Florida Department of Transportation, 2016-17 Design Standards eBook (DSeB) and applicable Design Standards Revisions (DSRs) at the following website:
<http://www.dot.state.fl.us/rddesign/DesignStandards/Standards.shtm>

GOVERNING STANDARD SPECIFICATIONS:

City of Clearwater Technical Specifications & Florida Department of Transportation, January 2017 Standard Specifications for Road and Bridge Construction at the following website:
<http://www.dot.state.fl.us/programmanagement/implemented/SpecBooks>

INDEX OF SHEETS	
SHEET NO.	SHEET TITLE
1	KEY SHEET
2	SIGNATURE SHEET
3	TYPICAL DETAILS
501 - 505	SUMMARY OF QUANTITIES
4	PROJECT NOTES / SUMMARY OF PAY ITEMS
5 - 6	ROADWAY PLAN
7	DRAINAGE STRUCTURES
8	SOIL PROFILES
9 - 11	CROSS SECTIONS
12 - 13	TRAFFIC CONTROL PLAN
14 - 15	UTILITY ADJUSTMENTS
16	PROJECT NETWORK CONTROL SHEET
17 - 18	SIGNING AND PAVEMENT MARKING PLAN
19	BOARDWALK PLAN AND ELEVATION
20	BOARDWALK TYPICAL SECTION

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

<p>DATE: _____</p> <p>BY: _____</p> <p>SCALE: _____</p>	<p>PREPARED BY: GREG LAPORTE, P.E. NO. 79380 NTRC CORPORATION 201 S. FRANKLIN STREET, SUITE 1200 TAMPA, FL 33602 PHONE: (813) 462-4150 CERTIFICATE OF AUTHORIZATION NO. 6900</p>	 CLEARWATER BEACH TRANSIT CENTER FOR PINELLAS SUNCOAST TRANSIT AUTHORITY 3201 SCHENCK DRIVE ST. PETERSBURG, FL 33716	<h2>KEY SHEET</h2>	<p>NO. _____</p> <p>DATE: _____</p> <p>BY: _____</p> <p>REVISION: _____</p>	<p>DATE: _____</p> <p>BY: _____</p> <p>NO. _____</p> <p>DATE: _____</p> <p>BY: _____</p>
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THIS DOCUMENT HAS BEEN DIGITALLY
SIGNED AND SEALED BY:

Brad Laporte
2017.01.26 16:14:47 -05'00'

PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED.
THE SIGNATURE MUST BE VERIFIED
ON THE ELECTRONIC DOCUMENTS.

HNTB CORPORATION
201 N. FRANKLIN STREET, SUITE 1200
TAMPA, FL 33602
CERTIFICATE OF AUTHORIZATION: 6500
BRAD LAPORTE, P.E. NO. 79380

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR
THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

ITS PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	TYPICAL DETAILS
SQ1 - SQ5	SUMMARY OF QUANTITIES
4	PROJECT NOTES / SUMMARY OF PAY ITEMS
5 - 6	ROADWAY PLAN
7	DRAINAGE STRUCTURES
9 - 11	CROSS SECTIONS
12 - 13	TRAFFIC CONTROL PLAN
14 - 15	UTILITY ADJUSTMENTS
16	PROJECT NETWORK CONTROL SHEET
17 - 18	SIGNING AND PAVEMENT MARKING PLAN



THIS DOCUMENT HAS BEEN DIGITALLY
SIGNED AND SEALED BY:

Gjergji Vaso
2017.01.26 16:11:46 -05'00'

PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED.
THE SIGNATURE MUST BE VERIFIED
ON THE ELECTRONIC DOCUMENTS.

HNTB CORPORATION
201 N. FRANKLIN STREET, SUITE 1200
TAMPA, FL 33602
CERTIFICATE OF AUTHORIZATION: 6500
GJERGJI VASO, P.E. NO. 72509

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR
THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

ITS PLANS

SHEET NO.	SHEET DESCRIPTION
19	BOARDWALK PLAN AND ELEVATION
20	BOARDWALK TYPICAL SECTION



THIS DOCUMENT HAS BEEN DIGITALLY
SIGNED AND SEALED BY:

Kevin H. Scott

PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED.
THE SIGNATURE MUST BE VERIFIED
ON THE ELECTRONIC DOCUMENTS.

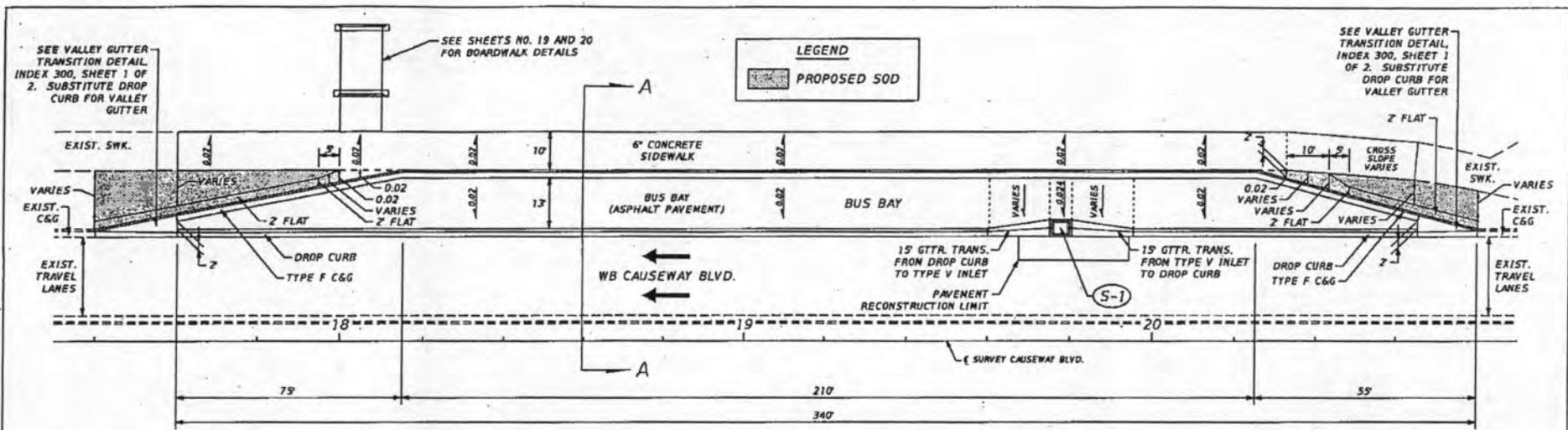
TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FL 33637
CERTIFICATE OF AUTHORIZATION: 6486
KEVIN H. SCOTT, P.E. NO. 65514

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR
THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

ITS PLANS

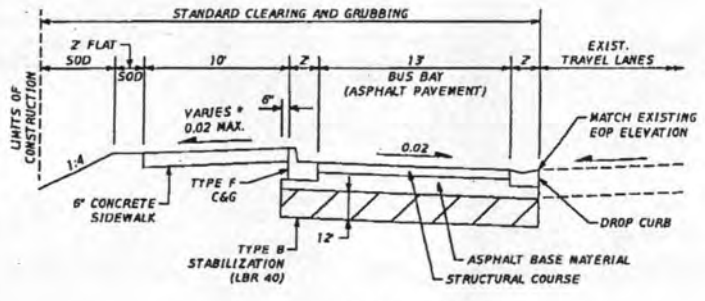
SHEET NO.	SHEET DESCRIPTION
8	SOIL PROFILES

PREPARED BY: BRAD LAPORTE, P.E. NO. 79380 HNTB CORPORATION 201 N. FRANKLIN STREET, SUITE 1200 TAMPA, FL 33602 PHONE: (813) 462-4190 CERTIFICATE OF AUTHORIZATION NO. 6500	 CLEARWATER CITY OF CLEARWATER 100 SOUTH MYRTLE AVENUE CLEARWATER, FL 33756	 PIRELLAS SUBCOAST TRANSIT AUTHORITY 3201 SCHERER DRIVE ST. PETERSBURG, FL 33716	SIGNATURE SHEET		SHEET NO. 2
			DATE: JAN. 2017	TITLE: BID PLANS SUBMITTAL	



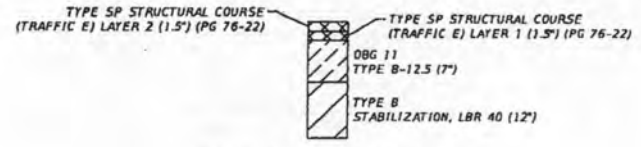
PLAN DETAILS

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION



SECTION A-A

SEE PLAN DETAILS ON THIS SHEET FOR GRADING DETAIL.



PAVEMENT LAYER DIAGRAM

PAVEMENT RECONSTRUCTION

OPTIONAL BASE GROUP 11 (TYPE B-12.5 ONLY) WITH TYPE SP STRUCTURAL COURSE (TRAFFIC E) (3") (PG 76-22)

BUS BAY ASPHALT PAVEMENT DESIGN

OPTIONAL BASE GROUP 11 (TYPE B-12.5 ONLY) WITH TYPE SP STRUCTURAL COURSE (TRAFFIC E) (3") (PG 76-22)

BUS BAY DETAILS

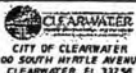

<p>PREPARED BY: HNTB CORPORATION 201 N. FRANKLIN STREET, SUITE 1200 TAMPA, FL 33602 PHONE: (813) 402-4150 CERTIFICATE OF AUTHORIZATION NO. 8300</p>	<p>CLEARWATER BEACH TRANSIT CENTER FOR PINELLAS SUNCOAST TRANSIT AUTHORITY 3201 SCHERER DRIVE ST. PETERSBURG, FL 33714</p>	<p>TYPICAL DETAILS</p>	<p>DATE: JAN 2017 SHEET NO: 3 BID PLANS SUBMITTAL</p>
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LUMP SUM ITEMS					
PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0101 1	MOBILIZATION	1			

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS									
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE I			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	P	F		
			DAYS	P	P	P	F		
0102 1	MAINTENANCE OF TRAFFIC	LS	60			1		60 DAY CONSTRUCTION DURATION.	
0102 60	WORK ZONE SIGN	ED	60	32	1920	1920			
0102 74 1	CHANNELIZING DEVICE- TYPES I, II, OI, VP, DRUM, OR LCD	ED	60	32	1920	1920			
0102 74 6	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	ED	60	4	240	240			
0102 76	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	60	1	60	60			
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	74	1	74	74		INCLUDES 14 DAY ADVANCED PLACEMENT DURATION.	

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES										
LOCATION	SIDE	AREA ID	SEDIMENT BARRIER		SOIL TRACKING PREVENTION DEVICE		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 10 3	0104 15	0104 18	0104 18				
STA. TO STA.			LF		EA		EA			
			P	F	P	F	P	F		
PROJECT					1.0					
17+17.00	LT.						1.0			
17+19.50	LT.						1.0			
19+77.63	LT.						1.0			
17+20.00 to 19+10.00	LT.		190.0						LOCATED ALONG PARKING LOT.	
17+20.00 to 21+00.00	LT.		380.0						LOCATED ALONG BACK OF SIDEWALK.	
		TOTAL:	570		1		3			

 <p>CLEARWATER CITY OF CLEARWATER 100 SOUTH MYRTLE AVENUE CLEARWATER, FL 33756</p>	<p>PREPARED BY: BROAD LUMBER, P.E. 05, 79380 HNTB CORPORATION 301 S. FRANKLIN STREET, SUITE 1200 TAMPA, FL 33602 PHONE: (813) 482-4138 CERTIFICATE OF AUTHORIZATION NO. 6300</p>	<p>CLEARWATER BEACH TRANSIT CENTER FOR 6</p>	 <p>SUNCOAST TRANSIT AUTHORITY PIRELLAS SUNCOAST TRANSIT AUTHORITY 3201 SCHERER DRIVE ST. PETERSBURG, FL 33716</p>	<p>SUMMARY OF QUANTITIES (01)</p>	<p>DATE: 1/10/2017 9:19:31 PM REVISION: 1:40015\CADD\Clearwater Bus Re/Upgrade\SURGRD01.DWG</p>	<p>NO. 501 DATE: JAN. 2017 BY: AS SHOWN BID PLANS SVENTITTA</p>
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SUMMARY OF LITTER REMOVAL AND MOWING


CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL				MOWING				DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1				0107 2					
					AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA			
							AC/CYCLE	TOTAL (AC)			AC/CYCLE	TOTAL (AC)		
P	F	P	F	P	F									
1	17+20.00 TO 21+00.00	LT.	60	30	8763	2	0.725	1.450						
1	17+20.00 TO 21+00.00	LT.	60	30					9708	2	0.220	0.440		
1	17+20.00 TO 21+00.00	LT.	60	30					9717	2	0.131	0.262		
					SUB-TOTAL: 1.450				SUB-TOTAL: 0.702					
					TOTAL: 1.45				TOTAL: 0.70					

SUMMARY OF REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNITS	SECONDARY UNITS (IF LUMP SUM)	TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
							AREA	P			F
0110 1	CLEARING & GRUBBING	17+40.00 TO 20+80.00	LT.	10045		0.273		0.28			
		17+90.61 TO 18+18.93	LT.	10694		0.007					
0110 4	REMOVAL OF EXISTING CONCRETE	17+60.00 TO 20+65.33	LT.	24084	SY	338.585		414	EXIST. CONC. SIDEWALK & CONC. PAD		
		17+40.00 TO 20+80.00	LT.	24102		72.258			EXIST. TYPE F C&G		
		17+90.61 TO 17+99.10	LT.	24113		1.588			EXIST. TYPE D CURB		
		18+10.10 TO 18+18.58	LT.	24114		1.387			EXIST. TYPE D CURB		

SUMMARY OF EARTHWORK

PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0120 1	REGULAR EXCAVATION	189			
0120 6	EMBANKMENT	90			

 <p>CITY OF CLEARWATER 100 SOUTH MYRTLE AVENUE CLEARWATER, FL 33756</p>	<p>CLEARWATER BEACH TRANSIT CENTER</p> <p>FOR</p> <p>PINELLAS SUNCOAST TRANSIT AUTHORITY 3201 SCHERER DRIVE ST. PETERSBURG, FL 33716</p>	<p>SUMMARY OF QUANTITIES (02)</p>	<p>DATE: 1/10/2017</p> <p>BY: [Signature]</p>	<p>REVISION: 5-20-07 PM</p> <p>PROJECT NO: 17-0015-CADD-Clearwater Bus Bay/roadway/SUNGROD1.DWG</p>	<p>ISSUE DATE: JAN 2017</p> <p>ISSUE BY: AS SHOWN</p> <p>PROJECT: BID PLANS SUBMITTAL</p>
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SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0160 4	TYPE B STABILIZATION					SY			572			
		17+40.00 to 20+80.00		LT.	14677		571.72					
0285 711	OPTIONAL BASE, BASE GROUP 11					SY			572			
		17+40.00 to 20+80.00		LT.	11329		571.72					
0334 1 55	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC E, PG 76-22					TN			65.3			
		17+60.00 to 20+65.33		LT.	13577		62.32					
		19+67.46 to 19+94.30		LT.	13578		2.95					

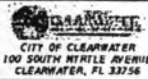
SUMMARY OF STRUCTURE QUANTITIES - BOARDWALK

SECTION	PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
						P	F	P	F		
BOARDWALK	0470 1	TREATED TIMBER, STRUCTURAL	18+04.60	LT.	MB	0.64		0.64		SEE SHEET 20 FOR PAY ITEM NOTES	
	0522 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	18+04.60	LT.	SY	13		13		SEE SHEET 20 FOR PAY ITEM NOTES	

SUMMARY OF UTILITY ADJUSTMENTS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STATION	SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
					P	F	P	F		
0425 6	VALVE BOXES, ADJUST			EA			7			
		18+60	LT.		1					
		18+61	LT.		1					
		19+63	LT.		1					
		19+65	LT.		1					
		19+65	LT.		1					
		20+02	LT.		1					
		20+08	LT.		1					

PREPARED BY:
 BRAD LAFORTE, P.E. NO. 78380
 HNTB CORPORATION
 301 E. FURNELL STREET, SUITE 1200
 TAMPA, FL 33602
 PHONE: (813) 462-4130
 CERTIFICATE OF AUTHORIZATION NO. 6306



**CLEARWATER BEACH
 TRANSIT CENTER**
 FOR
 6

PINELLAS SUNCOAST TRANSIT AUTHORITY
 3201 SCHERER DRIVE
 ST. PETERSBURG, FL 33716

**SUMMARY OF
QUANTITIES (03)**

DATE	1/18/2017	TIME	1:47:33 PM	PROJECT	106260025-Clearwater Bus Bar/Station	SHEET NO.	503
BY		APP'D		DATE	JAN 2017	AS SHOWN	
						BID PLANS SUBMITTAL	

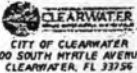
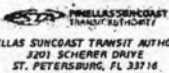
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SUMMARY OF GENERAL ITEMS								
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			P	F	P	F		
0639 1 122	ELECTRICAL POWER SOURCE, F&I, UNDERGROUND. METER PURCHASED BY CONTRACTOR	AS	1		1			

SUMMARY OF MISCELLANEOUS DRAINAGE ITEMS										
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
					P	F	P	F		
0425 1 711	INLETS, GUTTER, TYPE V, <10	19+77.63	LT.	EA	1.0		1			
0430 175 115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15" S/CO	19+71.98 TO 19+75.63	LT.	LF	4.0		4		INCLUDE CONC. JACKET TO EXIST. PIPE	

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS															
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS		
		STA. TO STA.					GROSS LENGTH	NET LENGTH		P	F				
		P	F					P	F						
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	17+40.00 to 17+59.71		LT.		LF	20.2	20.2			685		MONOLITHIC C&G		
		17+40.00 to 17+60.00		LT.			20.2	20.2						DROP CURB	
		17+59.71 to 18+14.85		LT.			56.2	56.2							
		17+60.00 to 19+59.96		LT.			200.0	200.0							DROP CURB
		18+14.85 to 20+25.20		LT.			210.3	210.3							
		19+59.96 to 19+74.96		LT.			15.0	15.0							DROP CURB
		19+74.96 to 19+80.30		LT.			5.3	5.3							DROP CURB
		19+80.30 to 19+95.30		LT.			15.0	15.0							DROP CURB
		19+95.30 to 20+65.33		LT.			70.0	70.0							DROP CURB
		20+25.20 to 20+65.73		LT.			42.0	42.0							
		20+65.33 to 20+80.00		LT.			14.9	14.9							DROP CURB
		20+65.73 to 20+80.00		LT.			15.0	15.0							MONOLITHIC C&G
0520 2 4	CONCRETE CURB, TYPE D	17+90.61 to 17+99.10		LT.		LF	8.5	8.5			36		SIDEWALK CURB		
		17+99.54 to 17+99.64		LT.			4.1	4.1							
		17+99.54 to 18+10.10		LT.			10.6	10.6							
		18+10.10 to 18+10.22		LT.			4.0	4.0							
		18+10.10 to 18+18.58		LT.			8.5	8.5							SIDEWALK CURB

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 91012-23.004, F.A.C.

 <p>CLEARWATER BEACH TRANSIT CENTER FOR</p>	 <p>PINELLAS SUNCOAST TRANSIT AUTHORITY</p>	<p>SUMMARY OF QUANTITIES (04)</p>	<p>DATE: 1/10/2017 TIME: 9:20:33 PM FILE: I:\80925\CADD\Clewater Bus Bar\roadway\SUP0401.DWG</p>	<p>DATE: JAN 2017 SCALE: AS SHOWN SHEET NO: SQ4 SHEET TOTAL: 810 PLANS SUBMITTAL</p>
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PREPARED BY: BRAD LAROSE, P.E. NO. 78380
HNTB CORPORATION
201 N. FRANKLIN STREET, SUITE 1200
TAMPA, FL 33602
PHONE: (813) 402-4150
CERTIFICATE OF AUTHORIZATION NO. 0506

CITY OF CLEARWATER
100 SOUTH MYRTLE AVENUE
CLEARWATER, FL 33756

PINELLAS SUNCOAST TRANSIT AUTHORITY
3201 SCHERER DRIVE
ST. PETERSBURG, FL 33716

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS									
LOCATION STA. TO STA.	SIDE	AREA ID	CONC. SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS	
			0522 2		0527 2				
			SY		SF				
			P	F	P	F			
17+60.00 TO 20+65.33	LT.	12957	342.060						
17+90.61 TO 18+18.93	LT.	12969	33.140						
17+99.60 TO 18+09.60	LT.	12952	10.050						
17+90.61 TO 17+95.64	LT.	24469			29.923				
18+14.16 TO 18+18.93	LT.	24470			30.365				
SUB-TOTAL:			385.300		60.288				
TOTAL:			385		61				

SUMMARY OF PERFORMANCE TURF						
LOCATION STA. TO STA.	SIDE	AREA ID	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
			0570 1 2			
			SY			
			P	F		
17+40.00 to 18+05.00	LT.	14127	61.1			
17+40.00 to 20+80.00	LT.	14122	302.2			
17+90.51 to 17+99.10	LT.	14150	1.9			
18+10.05 to 18+18.59	LT.	14155	1.9			
20+32.72 to 20+80.00	LT.	14163	44.5			
SUB-TOTAL:			411.5			
TOTAL:			412			

SUMMARY OF SIGNING AND PAVEMENT MARKINGS								
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			P	F	P	F		
0700 1 50	SINGLE POST SIGN, RELOCATE	AS	2		2			
0711 11 141	THERMOPLASTIC, STANDARD, WHITE 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GN	0.025		0.025			
0711 11 160	THERMOPLASTIC, STANDARD, WHITE MESSAGE OR SYMBOL	EA	5		5			
0711 16 101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GN	0.094		0.094			

 <p>CITY OF CLEARWATER 100 SOUTH MYRTLE AVENUE CLEARWATER, FL 33756</p>	<p>PREPARED BY: BRAD LAPORTE, P.E. NO. 79300 HRTB CORPORATION 201 S. FRANKLIN STREET, SUITE 1200 TAMPA, FL 33602 PHONE: (813) 462-4150 CERTIFICATE OF AUTHORIZATION NO. 8509</p>	<p>CLEARWATER BEACH TRANSIT CENTER FOR 6</p>	 <p>PINELLAS SUNCOAST TRANSIT AUTHORITY PINELLAS SUNCOAST TRANSIT AUTHORITY 3201 SCHERER DRIVE ST. PETERSBURG, FL 33716</p>	<p>SUMMARY OF QUANTITIES (06)</p>	<p>DATE: 1/19/2017 BY: [Signature]</p>	<p>NO. 505 AS SHOWN BID PLANS SUBMITTAL</p>
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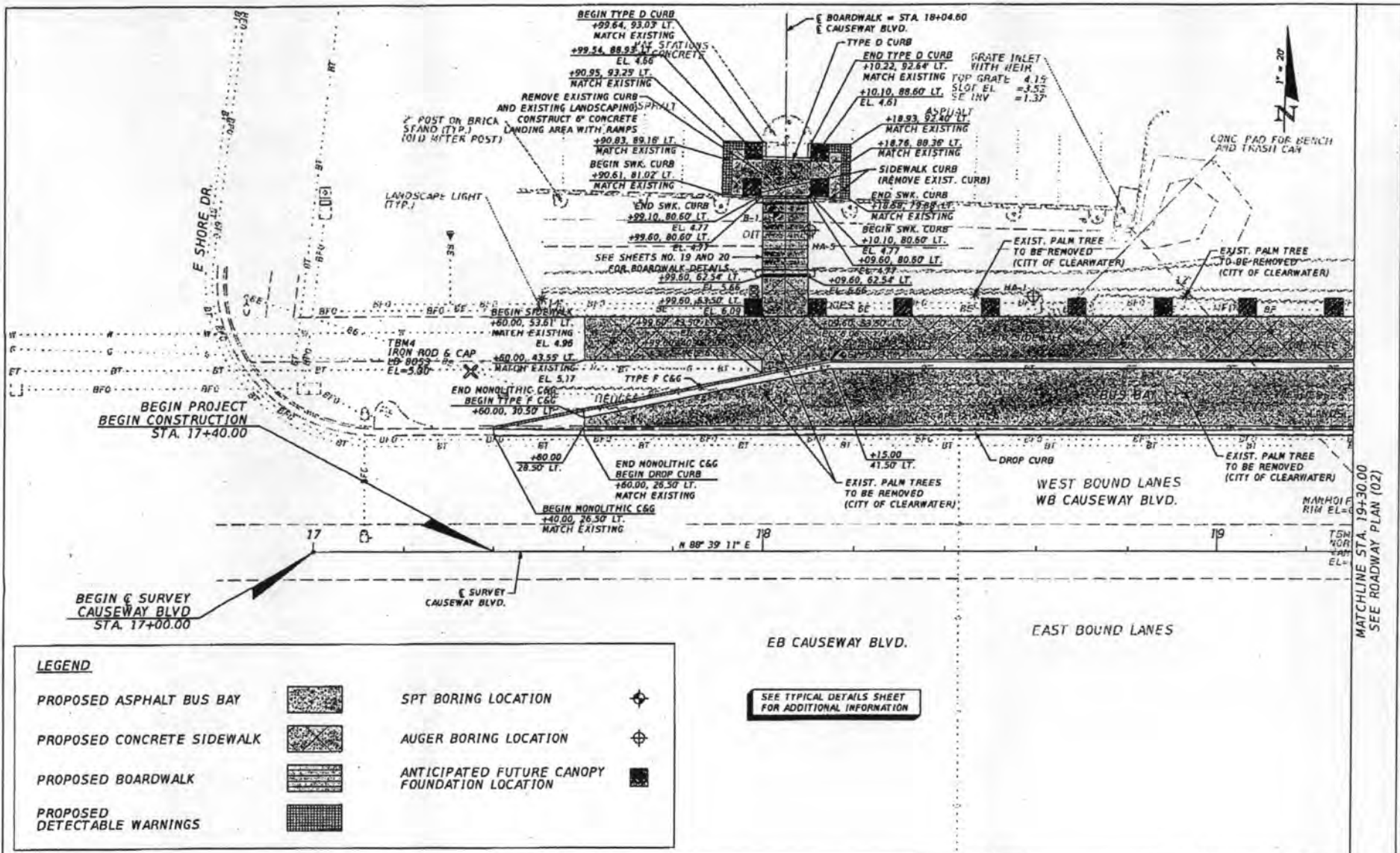
PROJECT NOTES:

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. EXISTING PALM TREES TO BE REMOVED BY CITY OF CLEARWATER WORK FORCES PRIOR TO CONSTRUCTION.
3. UTILITY COORDINATION IS ON-GOING WITH ALL UTILITY AGENCY/OWNERS. AS INFORMATION IS RECEIVED, THE PLANS WILL BE UPDATED WITH PLAN REVISIONS.

SUMMARY OF PAY ITEMS			
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY
0101 1	MOBILIZATION (10% OF ALL ITEMS)	LS	1
0102 1	MAINTENANCE OF TRAFFIC (10% OF ALL ITEMS)	LS	1
0102 60	WORK ZONE SIGN	ED	1920
0102 74 1	CHANNELIZING DEVICE- TYPES 1, 11, D1, VP, DRUM, OR LCD	ED	1920
0102 74 6	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	ED	240
0102 76	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	60
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	74
0104 10 3	SEDIMENT BARRIER	LF	570
0104 15	SOIL TRACKING PREVENTION DEVICE	EA	1
0104 18	INLET PROTECTION SYSTEM	EA	3
0107 1	LITTER REMOVAL	AC	1.45
0107 2	MOWING	AC	0.70
0110 1 1	CLEARING & GRUBBING	AC	0.28
0110 4	REMOVAL OF EXISTING CONCRETE	SY	414
0120 1	REGULAR EXCAVATION	CY	189
0120 6	EMBANKMENT	CY	90
0160 4	TYPE B STABILIZATION	SY	572
0285 711	OPTIONAL BASE, BASE GROUP 11	SY	572
0334 1 55	SUPERPAVE ASPHALTIC CONC. TRAFFIC E, PG 76-22	TN	65.3
0425 1 711	INLETS, GUTTER, TYPE V, <10'	EA	1
0425 6	VALVE BOXES, ADJUST	EA	7
0430 175 115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"S/CD	LF	4
0470 1	TREATED TIMBER, STRUCTURAL	MB	0.64
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	LF	685
0520 2 4	CONCRETE CURB, TYPE D	LF	36
0522 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	398
0527 2	DETECTABLE WARNINGS	SF	61
0570 1 2	PERFORMANCE TURF, SOD	SY	412
0639 1 122	ELECTRICAL POWER SOURCE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	1
0700 1 50	SINGLE POST SIGN, RELOCATE	AS	2
0711 11 141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GN	0.025
0711 11 160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	5
0711 16 101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GN	0.094

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<p>DATE: 01/11/2017 TIME: 1:53:30 PM</p>	<p>PREPARED BY: BRAD LAPORTE, P.E. NO. 79280 HRTB CORPORATION 101 S. FRANKLIN STREET, SUITE 1200 TAMPA, FL 33602 PHONE: (813) 452-4150 CERTIFICATE OF AUTHORIZATION NO. 6300</p>	 CITY OF CLEARWATER 100 SOUTH MYRTLE AVENUE CLEARWATER, FL 33759	<p>FOR</p>  PINELLAS SUNCOAST TRANSIT AUTHORITY 3201 SCHERER DRIVE ST. PETERSBURG, FL 33716	<p>PROJECT NOTES / SUMMARY OF PAY ITEMS</p>	<p>DATE: 01/11/2017 TIME: 1:53:30 PM</p>	<p>DATE: 01/11/2017 TIME: 1:53:30 PM</p>	<p>DATE: 01/11/2017 TIME: 1:53:30 PM</p>	<p>DATE: 01/11/2017 TIME: 1:53:30 PM</p>	<p>DATE: 01/11/2017 TIME: 1:53:30 PM</p>	<p>DATE: 01/11/2017 TIME: 1:53:30 PM</p>	<p>DATE: 01/11/2017 TIME: 1:53:30 PM</p>
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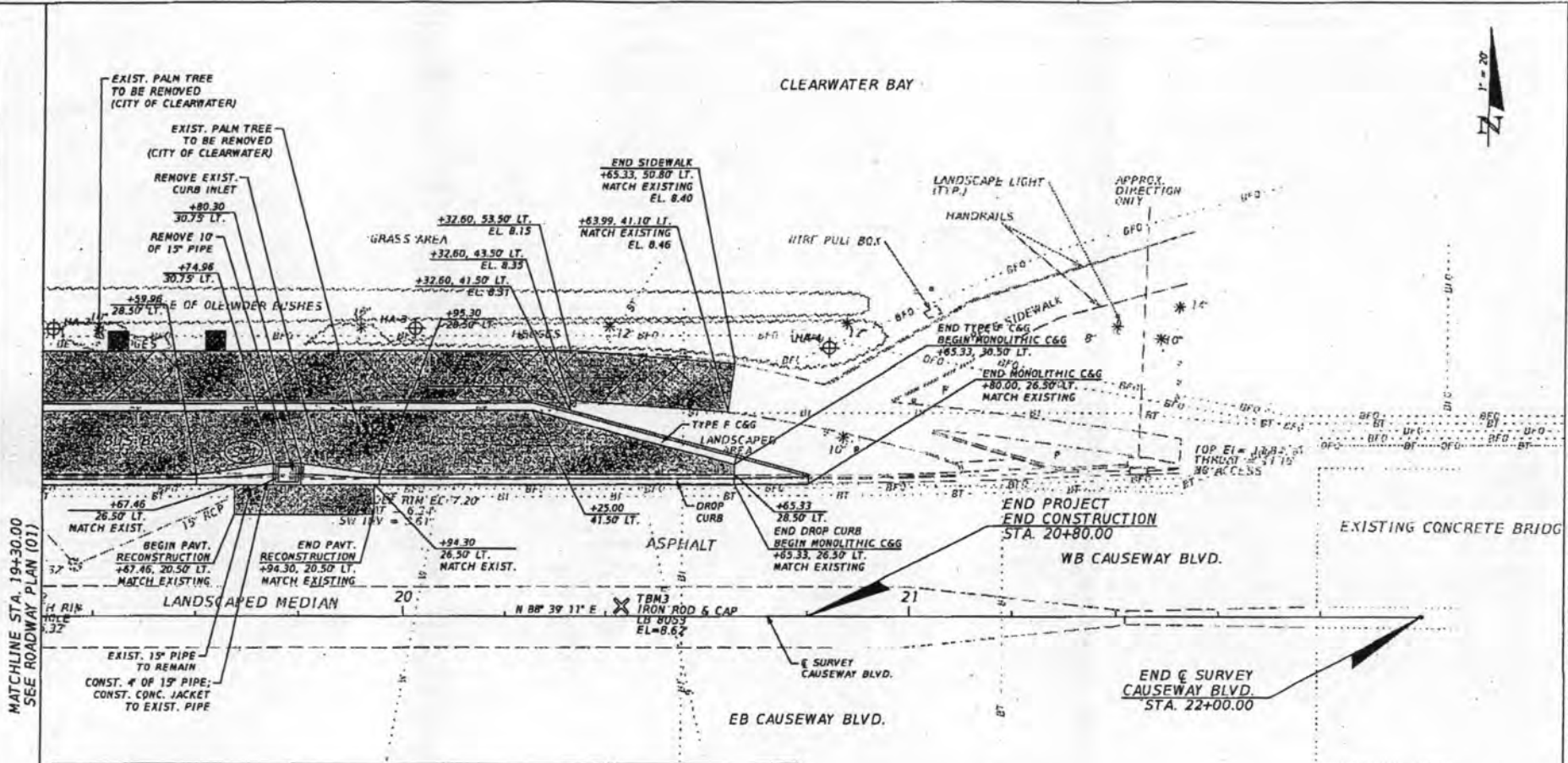


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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



CLEARWATER BAY



LEGEND

PROPOSED ASPHALT BUS BAY



AUGER BORING LOCATION



PROPOSED CONCRETE SIDEWALK



ANTICIPATED FUTURE CANOPY FOUNDATION LOCATION



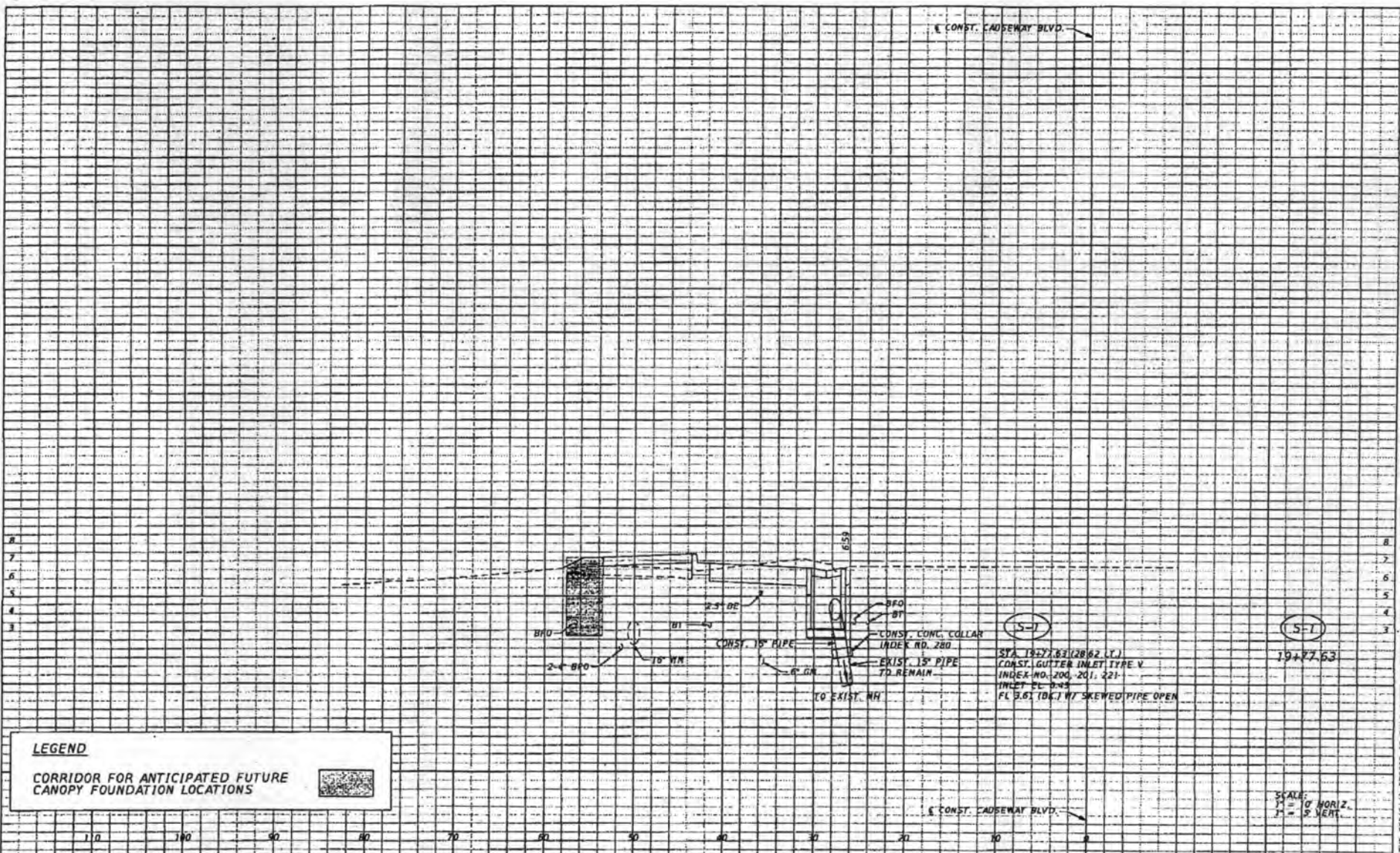
PROPOSED ROADWAY RECONSTRUCTION



SEE TYPICAL DETAILS SHEET FOR ADDITIONAL INFORMATION

<p>PREPARED BY: BRAD LARSEN, P.E. NO. 75380 JTB CORPORATION 201 S. FRANKLIN STREET, SUITE 1200 TAMPA, FL 33602 PHONE: (813) 462-4130 CERTIFICATE OF AUTHORIZATION NO. 6500</p>	<p>CLEARWATER CITY OF CLEARWATER 100 SOUTH MYRTLE AVENUE CLEARWATER, FL 33758</p>	<p>CLEARWATER BEACH TRANSIT CENTER FOR 6</p>	<p>PIRELLAS GUNCOAST TRANSPORT AUTHORITY PIRELLAS GUNCOAST TRANSIT AUTHORITY 3201 SCHERER DRIVE ST. PETERSBURG, FL 33716</p>	<p>ROADWAY PLAN (02)</p>	<table border="1"> <tr> <td>DATE</td> <td>NO.</td> <td>DESCRIPTION</td> </tr> <tr> <td>JAN. 2012</td> <td>6</td> <td>AS SHOWN</td> </tr> <tr> <td></td> <td></td> <td>BY PLANS SUBMITTAL</td> </tr> </table>	DATE	NO.	DESCRIPTION	JAN. 2012	6	AS SHOWN			BY PLANS SUBMITTAL
DATE	NO.	DESCRIPTION												
JAN. 2012	6	AS SHOWN												
		BY PLANS SUBMITTAL												

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8
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LEGEND
CORRIDOR FOR ANTICIPATED FUTURE CANOPY FOUNDATION LOCATIONS

100 90 80 70 60 50 40 30 20 10 0

PREPARED BY:
GRAD LAVORITE, P.E. NO. 79360
UNITS CORPORATION
301 S. FURNESS STREET, SUITE 1200
TAMPA, FL 33602
PHONE: (813) 402-4130
CERTIFICATE OF AUTHORIZATION NO. 8300

CLEARWATER
CITY OF CLEARWATER
100 SOUTH MYRTLE AVENUE
CLEARWATER, FL 33756

CLEARWATER BEACH TRANSIT CENTER
FOR

PINELLAS SUNCOAST TRANSIT AUTHORITY
3201 SCHERER DRIVE
ST. PETERSBURG, FL 33718

DRAINAGE STRUCTURES

NO.	DATE	REVISION	BY:

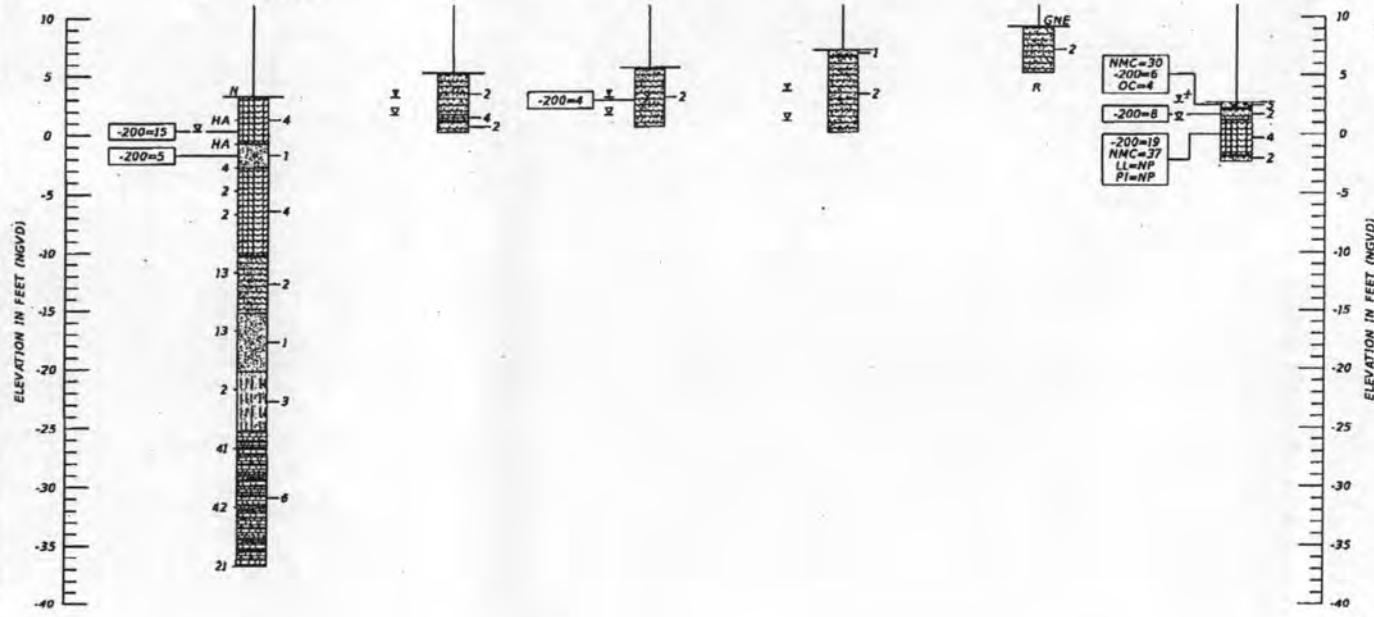
DATE: JAN. 2017
SCALE: AS SHOWN
DRAWN BY: [Signature]
CHECKED BY: [Signature]
DATE: [Signature]

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-32.004, F.A.C.

LEGEND

1. VERY LIGHT GRAY TO GRAY TO BROWN FINE SAND TO SAND WITH SILT (SP/SP-SM) [A-3]
 2. LIGHT GRAY TO DARK BROWN FINE SAND TO SAND WITH SILT, WITH SHELL AND OCCASIONAL ROCK FRAGMENTS AND CLAY NODULES, TO VERY SHELLY SAND (SP/SP-SM) [A-3]
 3. DARK GRAY SILTY SAND (SM) [A-2-4]
 4. GRAY SILTY SAND WITH SHELL TO VERY SHELLY SILTY SAND TO SILT WITH SOME SHELL AND SAND ("BAY BOTTOM") (SM/ML) [A-2-4/A-2-6/A-4]
 5. LIGHT GRAY TO DARK BROWN SHELLY SAND WITH ORGANIC SILTS (SP-SM) [A-3]
 6. WEATHERED LIMESTONE
- A-3 AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NP NON-PLASTIC
- NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988
- GNE GROUNDWATER NOT ENCOUNTERED
- X GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- X ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
- X† ESTIMATED SEASONAL HIGH GROUNDWATER TABLE IS AT OR ABOVE GRADE
- Q CAUSEWAY CENTERLINE OF SURVEY OF CAUSEWAY BOULEVARD
- R HAND AUGER REFUSAL

BOR # B-1 STA 18+07 REF. C/L CAUSEWAY OFF. 77' LT. ELEV. 3.3 DATE 9/29/2016 DRILLER A. JACKSON HAMMER AUTOMATIC D-25 TRACK	BOR # HA-1 STA 18+59 REF. C/L CAUSEWAY OFF. 58' LT. ELEV. 5.2 DATE 9/30/2016 DRILLER D. SILAS	BOR # HA-2 STA 19+32 REF. C/L CAUSEWAY OFF. 58' LT. ELEV. 3.7 DATE 9/30/2016 DRILLER D. SILAS	BOR # HA-3 STA 20+03 REF. C/L CAUSEWAY OFF. 58' LT. ELEV. 7.2 DATE 9/30/2016 DRILLER D. SILAS	BOR # HA-4 STA 20+84 REF. C/L CAUSEWAY OFF. 54' LT. ELEV. 9.2 DATE 9/30/2016 DRILLER D. SILAS	BOR # HA-5 STA 18+10 REF. C/L CAUSEWAY OFF. 73' LT. ELEV. 2.7 DATE 9/30/2016 DRILLER D. SILAS
--	---	---	---	---	---



RECOMMENDED SOIL PARAMETERS							
BORING NUMBER	DEPTH (FT)	N	SOIL CLASSIFICATION	SOIL UNIT WEIGHT (PCF)		SOIL ANGLE OF FRICTION (DEGREES)	COHESION/ULTIMATE SHEAR STRENGTH (PSF)
				γ SAT	γ SUB		
B-1	0 TO 13	HA TO 4	SP/SP-SM/SM/ML	105	42.6	29	0
	13 TO 23		SP/SP-SM	110	47.6	30	0
	23 TO 28		SM	100	37.6	26	0
	28 TO 40		LIMESTONE	135	72.6	0	8000*

*ULTIMATE SHEAR STRENGTH

ENVIRONMENTAL CLASSIFICATION:

SUBSTRUCTURE CONCRETE: MODERATELY AGGRESSIVE (RESISTIVITY = 1,600 OHM-CM)

SUBSTRUCTURE STEEL: MODERATELY AGGRESSIVE (RESISTIVITY = 1,600 OHM-CM)

SOIL TEST RESULTS:

RESISTIVITY 1,600 OHM-CM

CHLORIDES 165 PPM

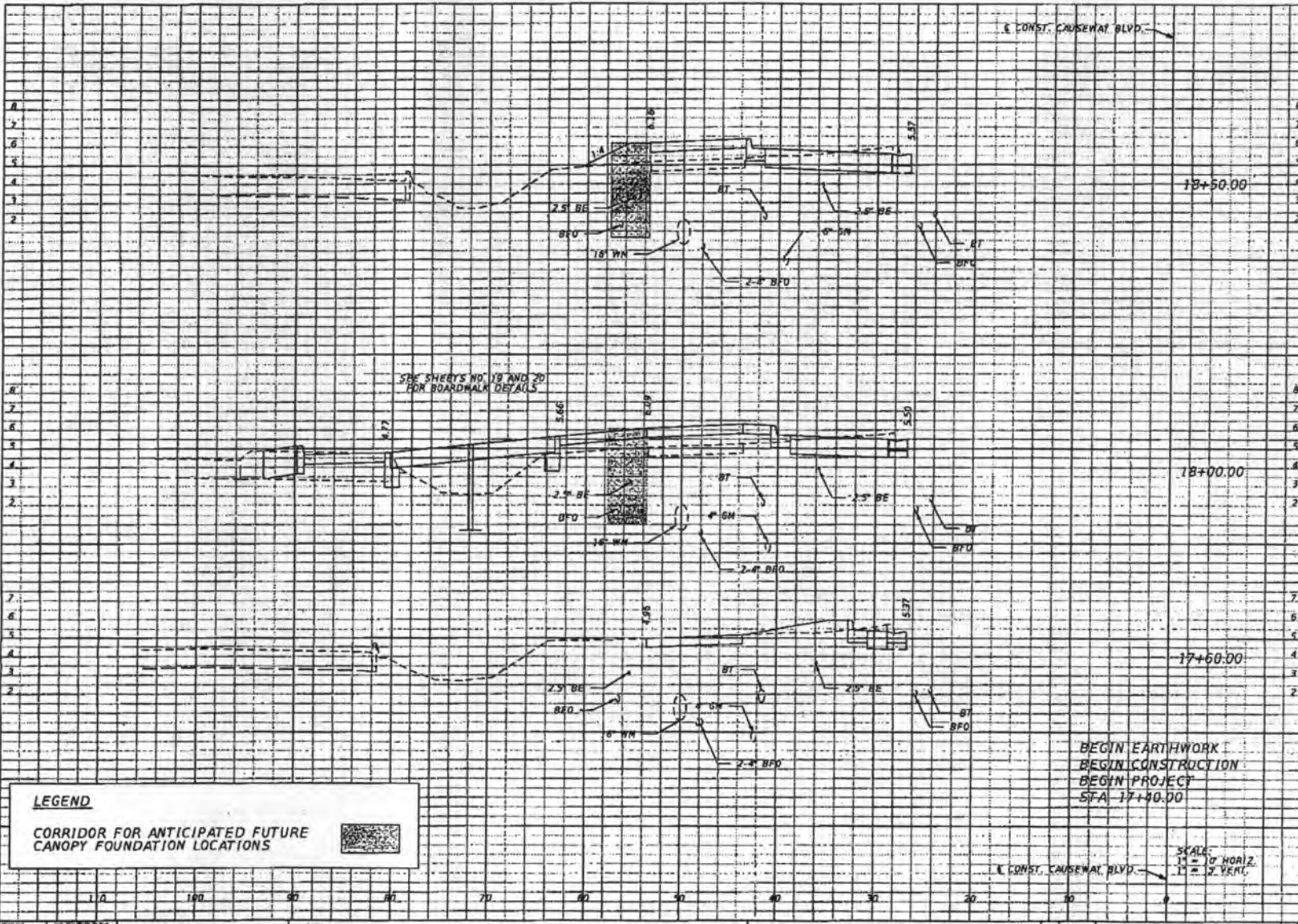
SULFATES 137 PPM

pH 7.7

	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 TO 10	3 TO 8
MEDIUM DENSE	10 TO 30	8 TO 24
DENSE	30 TO 50	24 TO 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 TO 4	1 TO 3
FIRM	4 TO 8	3 TO 6
STIFF	8 TO 15	6 TO 12
VERY STIFF	15 TO 30	12 TO 24
HARD	GREATER THAN 30	GREATER THAN 24

<p>DESIGNED BY: KEVIN H. SCOTT, P.E. P.E. LICENSE NUMBER 85514 FRENDA, INC. 7200 TERESA TERRACE HIGHWAY TAMPA, FLORIDA 33637 CERTIFICATE OF AUTHORIZATION NO. 6486</p>	<p>CLEARWATER CITY OF CLEARWATER 100 SOUTH MYRTLE AVENUE CLEARWATER, FL 33756</p>	<p>CLEARWATER BEACH TRANSIT CENTER FOR 6</p>	<p>PIRELLAS SUNCOAST TRANSIT AUTHORITY PIRELLAS SUNCOAST TRANSIT AUTHORITY 3201 SCHERER DRIVE ST. PETERSBURG, FL 33716</p>	<p>SOIL PROFILES</p>	<p>DATE: JUN 2017 SCALE: 100 BY: [Signature] CHECKED BY: [Signature] DATE: [Signature]</p>
--	--	---	---	-----------------------------	--

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Station	Regular Exc.		Embankment	
	A	V	A	V
18+50.00	14		11	
18+00.00	27	37	11	19
17+60.00	11	4	4	2
BEGIN EARTHWORK BEGIN CONSTRUCTION BEGIN PROJECT STA 17+40.00	0		0	

LEGEND

CORRIDOR FOR ANTICIPATED FUTURE CANOPY FOUNDATION LOCATIONS

BEGIN EARTHWORK
BEGIN CONSTRUCTION
BEGIN PROJECT
STA 17+40.00

SCALE:
1" = 10' HORIZ.
1" = 2' VERT.

PREPARED BY:
DAVID LARSEN, P.E. NO. 79380
HETS CORPORATION
201 S. FRANKLIN STREET, SUITE 1200
TAMPA, FL 33605
PHONE: (813) 482-4190
CERTIFICATE OF AUTHORIZATION NO. 6390

CLEARWATER
CITY OF CLEARWATER
100 SOUTH MYRTLE AVENUE
CLEARWATER, FL 33756

**CLEARWATER BEACH
TRANSIT CENTER**
FOR
A

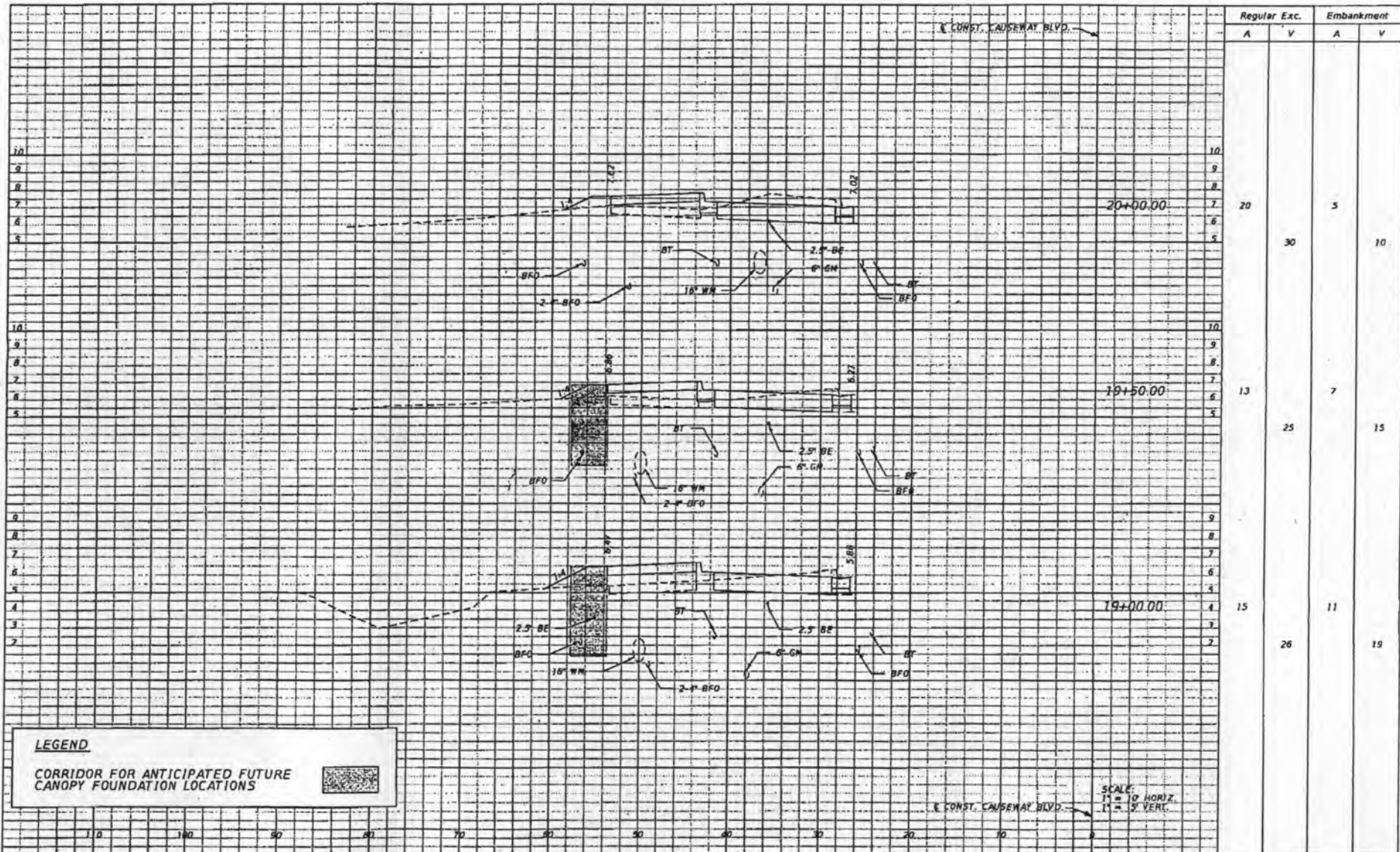
**PINELLAS SUNCOAST
TRANSIT AUTHORITY**
PINELLAS SUNCOAST TRANSIT AUTHORITY
3201 SCHERER DRIVE
ST. PETERSBURG, FL 33716

CROSS SECTIONS (01)

NO.	DATE	REVISION	BY

DATE: JAN 2017
PAGE: AS SHOWN
BID PLANS SUBMITTAL

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Regular Exc.		Embankment	
A	V	A	V
20		5	
	30		10
13		7	
	25		15
15		11	
	26		19

LEGEND
 CORRIDOR FOR ANTICIPATED FUTURE CANOPY FOUNDATION LOCATIONS

SCALE:
 1" = 10' HORIZ.
 1" = 5' VERT.

PREPARED BY: GREG LAPORTE, P.E. NO. 78389 NHTS CONSULTING 201 S. FRANKLIN STREET, SUITE 1700 TAMPA, FL 33602 PHONE: (813) 482-4130 CERTIFICATE OF AUTHORIZATION NO. 6390	 CLEARWATER CITY OF CLEARWATER 100 SOUTH RYDLE AVENUE CLEARWATER, FL 33754	 PINELLAS SUNCOAST TRANSIT AUTHORITY FOR PINELLAS SUNCOAST TRANSIT AUTHORITY 3201 SCHEMER DRIVE ST. PETERSBURG, FL 33718	CROSS SECTIONS (02)	NO. 10
				DATE: 1/14/2017 REVISION: 10:58:33 PM DRAWN BY: L:\6075\CAD\CLEARWATER\BIO\BayRoadway\MD150001.DWG

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GENERAL NOTES:

1. THE REGULATORY SPEED FOR THE PROJECT SHALL MATCH EXISTING POSTED SPEEDS. NO SPEED LIMIT REDUCTION IS PERMITTED FOR THIS PROJECT.

EXISTING POSTED SPEED = 30 MPH

2. TRAVEL LANES ALONG CAUSEWAY BOULEVARD SHALL NOT BE LESS THAN 10' IN WIDTH.

3. BICYCLIST AND PEDESTRIAN TRAFFIC SHALL BE MAINTAINED ALONG CAUSEWAY BOULEVARD AT ALL TIMES. SEE 'TRAFFIC CONTROL PLAN SIGNING DETAIL' FOR DETOUR INFORMATION.

4. NO LANE CLOSURES ARE PERMITTED BETWEEN THE HOURS OF 5:00 AM AND 9:00 PM.

SEQUENCING NOTES:

1. MAINTAIN ALL TRAFFIC MOVEMENTS ALONG CAUSEWAY BOULEVARD.

2. PLACE ADVANCE WARNING SIGNS PER TRAFFIC CONTROL PLAN. UTILIZE INDEX 611.

3. INSTALL PEDESTRIAN DETOUR SIGNAGE AND CLOSE SIDEWALK. UTILIZE INDEX 611.

4. REMOVE THE EXISTING LIGHT POLES PER UTILITY ADJUSTMENT SHEETS. COORDINATE WITH THE CITY OF CLEARWATER AND DUKE ENERGY PRIOR TO CONSTRUCTION. UTILIZE INDEX 611, 612, AND 613 IN CONJUNCTION WITH THE SIGNAGE SHOWN IN THE TRAFFIC CONTROL PLAN.

5. RELOCATE EXISTING SIGNS TO FINAL LOCATION PER SIGNING AND PAVEMENT MARKING PLAN. UTILIZE INDEX 611 AND 612 IN CONJUNCTION WITH THE SIGNAGE SHOWN IN THE TRAFFIC CONTROL PLAN.



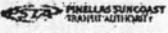
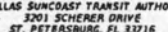
6. REMOVE THE EXISTING CURB INLET AT APPROXIMATE STA. 19+85. CONSTRUCT THE PROPOSED STRUCTURE S-1 AND PROPOSED PIPE. ENSURE DAMAGED PAVEMENT AND/OR CURB AND GUTTER IS RESTORED PRIOR TO REOPENING THE OUTSIDE LANE TO TRAFFIC. UTILIZE INDEX 613 IN CONJUNCTION WITH THE SIGNAGE SHOWN IN THE TRAFFIC CONTROL PLAN.

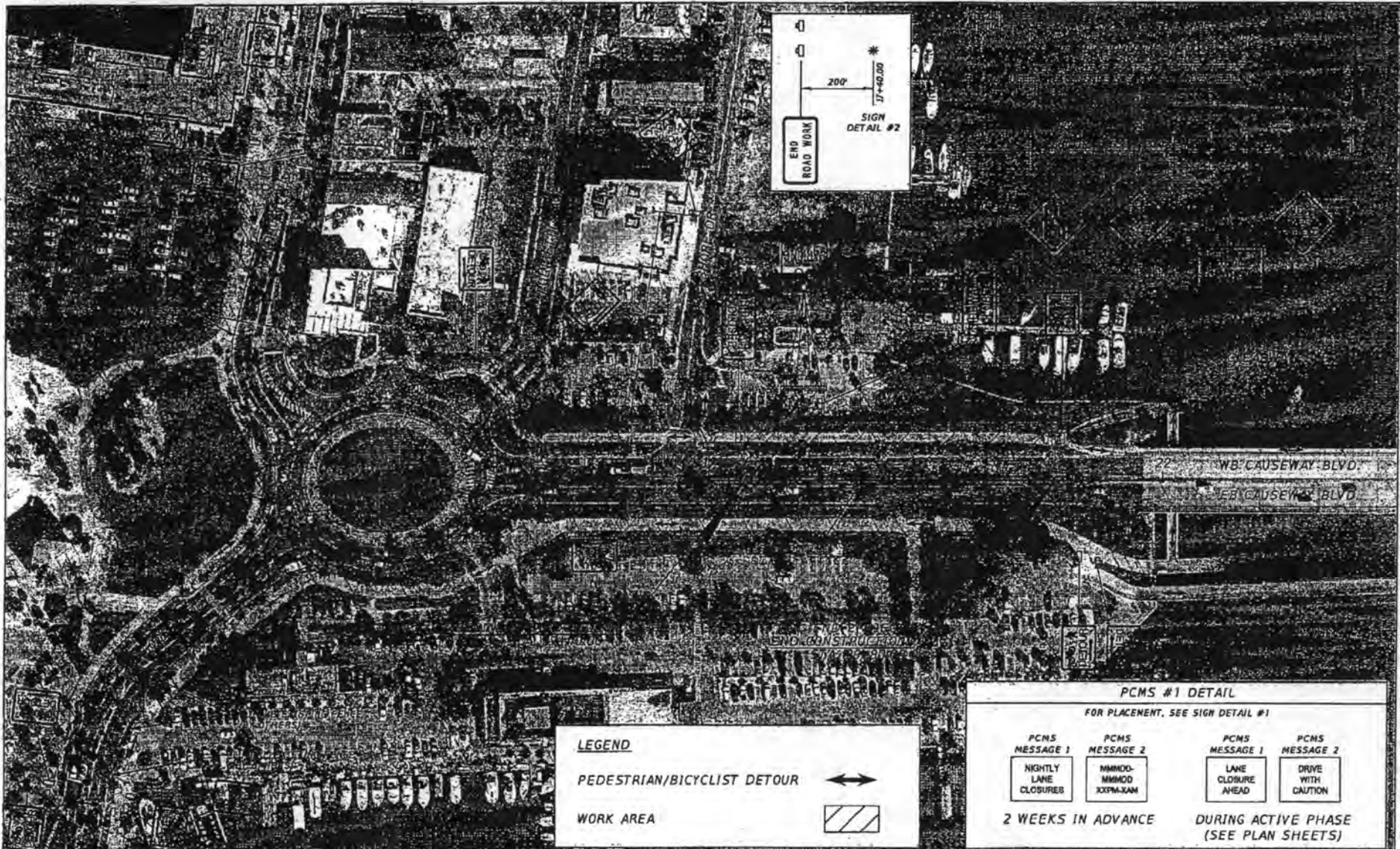
7. CONSTRUCT THE PROPOSED CURB AND GUTTER, PROPOSED BUS BAY PAVEMENT, PROPOSED SIDEWALK PAVEMENT, PROPOSED BOARDWALK STRUCTURE, AND PROPOSED GRADINGS. UTILIZE INDEX 611, 612, AND 613 IN CONJUNCTION WITH THE SIGNAGE SHOWN IN THE TRAFFIC CONTROL PLAN.

8. PLACE FINAL MARKINGS PER SIGNING AND PAVEMENT MARKING PLAN. UTILIZE INDEX 613 IN CONJUNCTION WITH THE SIGNAGE SHOWN IN THE TRAFFIC CONTROL PLAN.

9. OPEN TRAFFIC TO FINAL CONFIGURATION.

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PREPARED BY: BRAD LAWRENCE, P.E. NO. 78380 HRTS CORPORATION 201 N. FINECLIFF STREET, SUITE 1200 TAMPA, FL 33602 PHONE: (813) 402-4130 CERTIFICATE OF AUTHORIZATION NO. 6509	 CITY OF CLEARWATER 100 SOUTH MYRTLE AVENUE CLEARWATER, FL 33756	 CLEARWATER BEACH TRANSIT CENTER FOR	 PINELLAS SUNCOAST TRANSIT AUTHORITY FOR	 PINELLAS SUNCOAST TRANSIT AUTHORITY 3201 SCHERER DRIVE ST. PETERSBURG, FL 33716	TRAFFIC CONTROL PLAN NOTES	No. _____ Date: _____	Revision: _____	By: _____	No. 12 DATE: JAN 2017 TITLE: NTS BID PLANS SUBMITTAL
						No. _____ Date: _____	Revision: _____	By: _____	No. 12 DATE: JAN 2017 TITLE: NTS BID PLANS SUBMITTAL



LEGEND

PEDESTRIAN/BICYCLIST DETOUR

WORK AREA

PCMS #1 DETAIL
FOR PLACEMENT, SEE SIGN DETAIL #1

PCMS MESSAGE 1	PCMS MESSAGE 2	PCMS MESSAGE 1	PCMS MESSAGE 2
NIGHTLY LANE CLOSURES	MMMO- MMMO XXPM-XAM	LANE CLOSURE AHEAD	DRIVE WITH CAUTION

2 WEEKS IN ADVANCE DURING ACTIVE PHASE (SEE PLAN SHEETS)

DATE: 11/16/2017
 TIME: 11:34:11 PM
 PROJECT: 1740025-CADD-Clearwater Bus Bay/causeway/CPN/CP/2017/024

PREPARED BY:
 BOND LAPORTE, P.E. NO. 93,899
 JUVIS CORPORATION
 201 N. FRANKLIN STREET, SUITE 1200
 TAMPA, FL 33602
 PHONE: (813) 452-4158
 CERTIFICATE OF AUTHORIZATION NO. 8500

CLEARWATER
 CITY OF CLEARWATER
 100 SOUTH MYRTLE AVENUE
 CLEARWATER, FL 33756

CLEARWATER BEACH
 TRANSIT CENTER
 FOR
 6

STA PINELLAS SUNCOAST
 TRANSIT AUTHORITY
 PINELLAS SUNCOAST TRANSIT AUTHORITY
 3701 SCHERER DRIVE
 ST. PETERSBURG, FL 33716

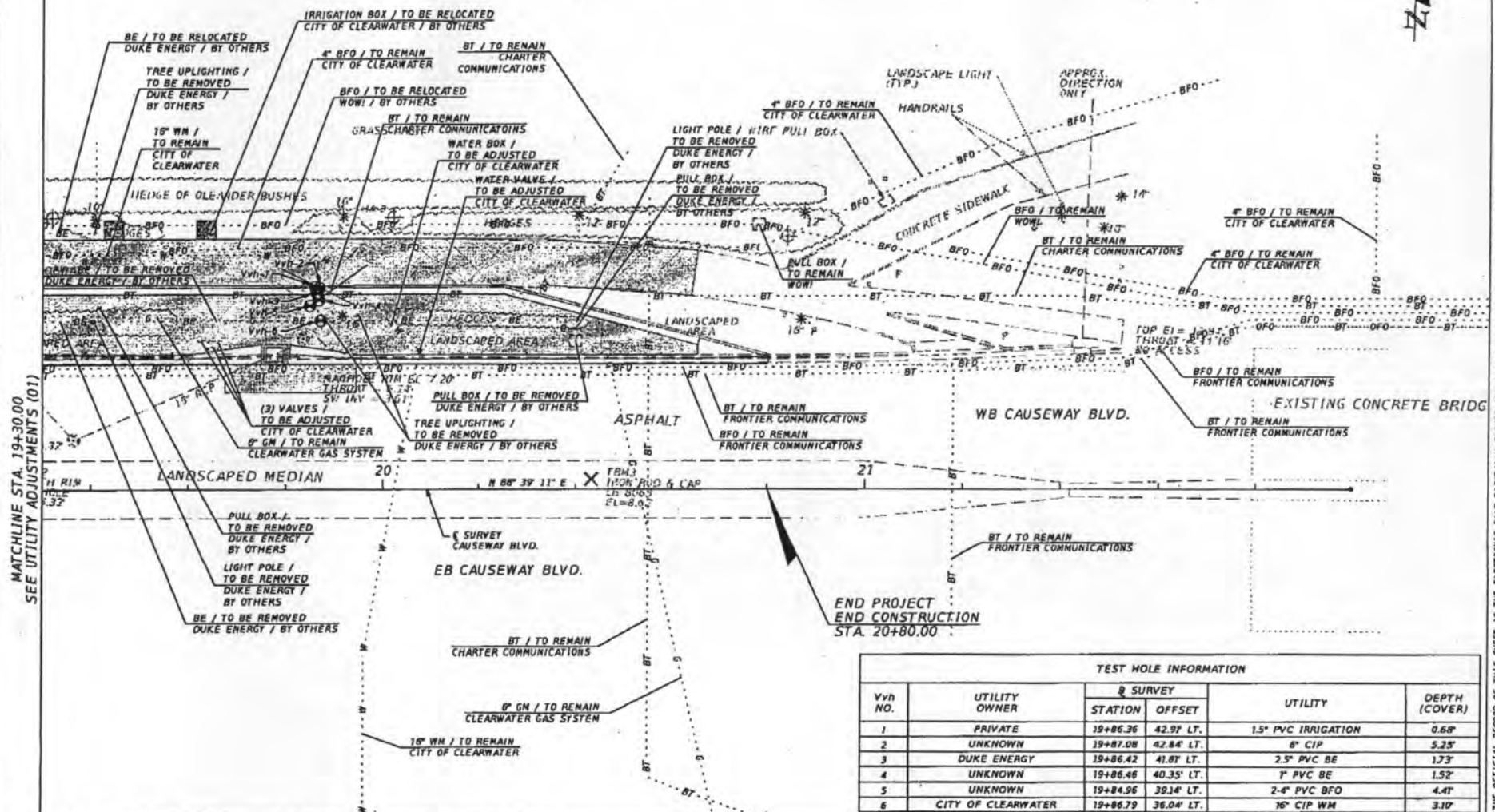
**TRAFFIC CONTROL PLAN
 SIGNING DETAIL**

NO.	DATE	REVISION	BY

NO.	DATE	SCALE

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CLEARWATER BAY



MATCHLINE STA. 19+30.00
SEE UTILITY ADJUSTMENTS (01)

END PROJECT
END CONSTRUCTION
STA. 20+80.00

TEST HOLE INFORMATION					
Vth NO.	UTILITY OWNER	SURVEY		UTILITY	DEPTH (COVER)
		STATION	OFFSET		
1	PRIVATE	19+86.36	42.97' LT.	1.5" PVC IRRIGATION	0.68'
2	UNKNOWN	19+87.08	42.84' LT.	6" CIP	5.25'
3	DUKE ENERGY	19+86.42	41.87' LT.	2.5" PVC BE	1.73'
4	UNKNOWN	19+86.46	40.35' LT.	1" PVC BE	1.52'
5	UNKNOWN	19+84.96	39.14' LT.	2-4" PVC BFO	4.41'
6	CITY OF CLEARWATER	19+86.79	36.04' LT.	16" CIP WM	3.10'

PREPARED BY:
BRAD LAPORTE, P.E. NO. 71330
HITCO CORPORATION
701 N. FRANKLIN STREET, SUITE 1200
TAMPA, FL 33602
PHONE: (813) 602-1130
CERTIFICATE OF AUTHORIZATION NO. 8300

CITY OF CLEARWATER
100 SOUTH MYRTLE AVENUE
CLEARWATER, FL 33716

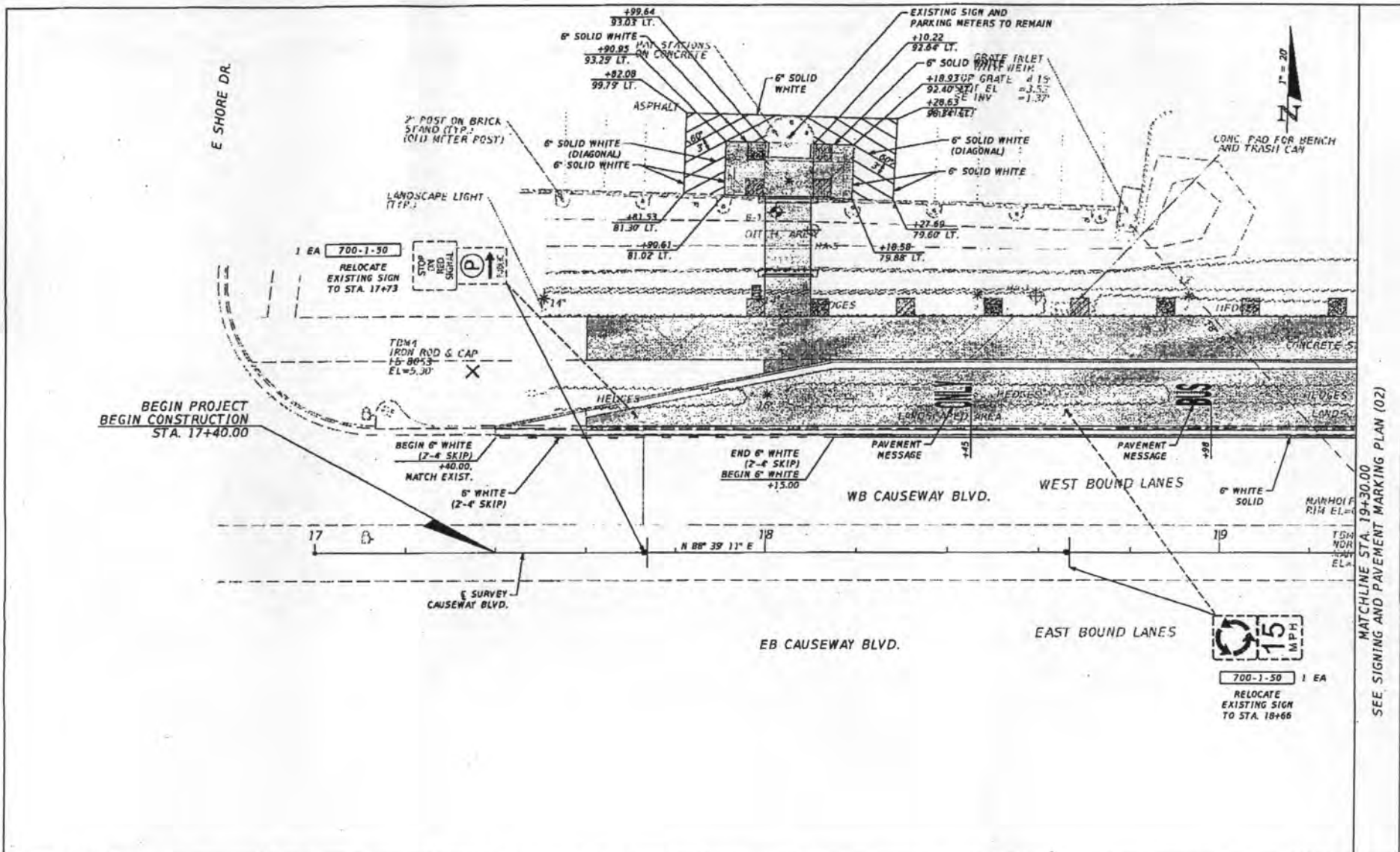
CLEARWATER BEACH TRANSIT CENTER
FOR
6

PIWELLASUNCOAST
PIWELLASUNCOAST TRANSIT AUTHORITY
3201 SCHRAER DRIVE
ST. PETERSBURG, FL 33716

UTILITY ADJUSTMENTS (02)

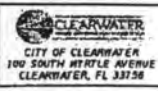
DATE: 1/11/2017 5:31:58 AM
PROJECT: 17000052-CLEARWATER-WB
DRAWN BY: [Signature]
CHECKED BY: [Signature]
DATE: JAN 2017 15
AS SHOWN
BID PLANS SUBMITTAL

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PREPARED BY:
 BRAD LAPONTE, P.E. NO. 79380
 WEST CORPORATION
 301 N. FARMALLIN STREET, SUITE 1200
 TAMPA, FL 33603
 PHONE: (813) 402-4190
 CERTIFICATE OF AUTHORIZATION NO. 6300



CLEARWATER BEACH
 TRANSIT CENTER
 FOR
 &



**SIGNING AND PAVEMENT
 MARKING PLAN (01)**

NO.	DATE	REVISION	BY

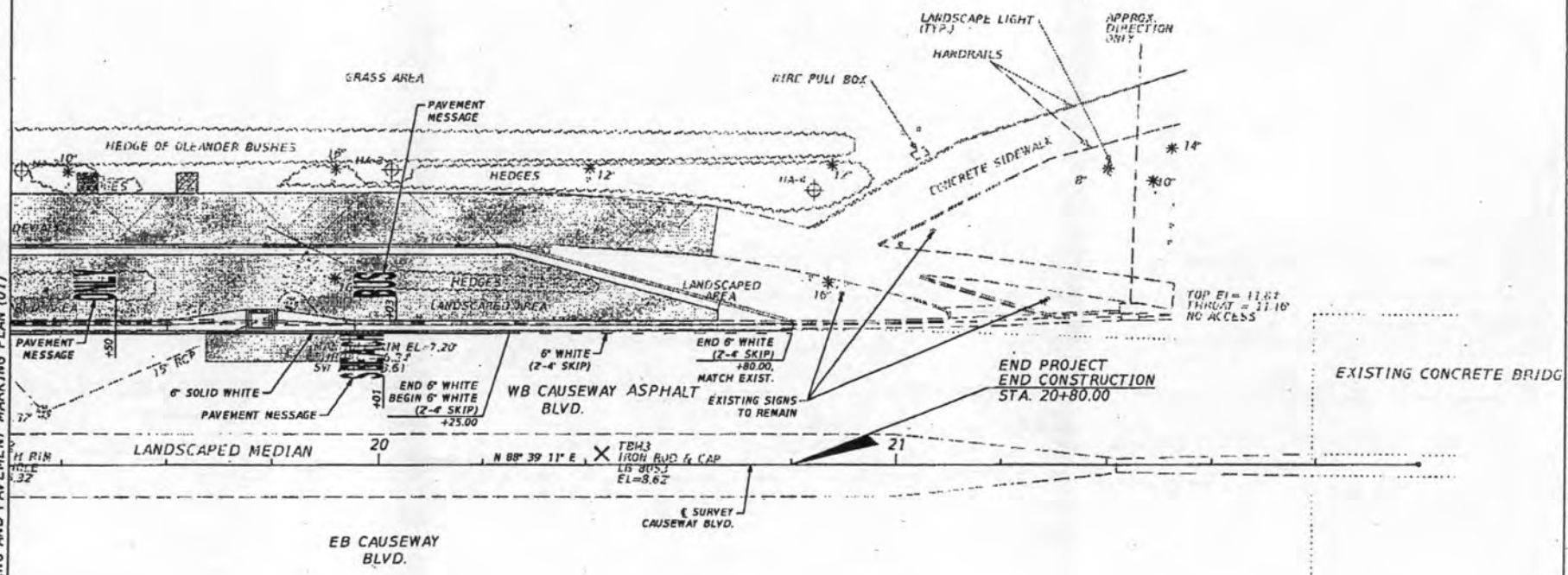
NO.	DATE	BY	DESCRIPTION
17	JAN. 2012	AS SHOWN	BID PLANS SUBMITTAL

MATCHLINE STA. 19+30.00
SEE SIGNING AND PAVEMENT MARKING PLAN (02)

CLEARWATER BAY

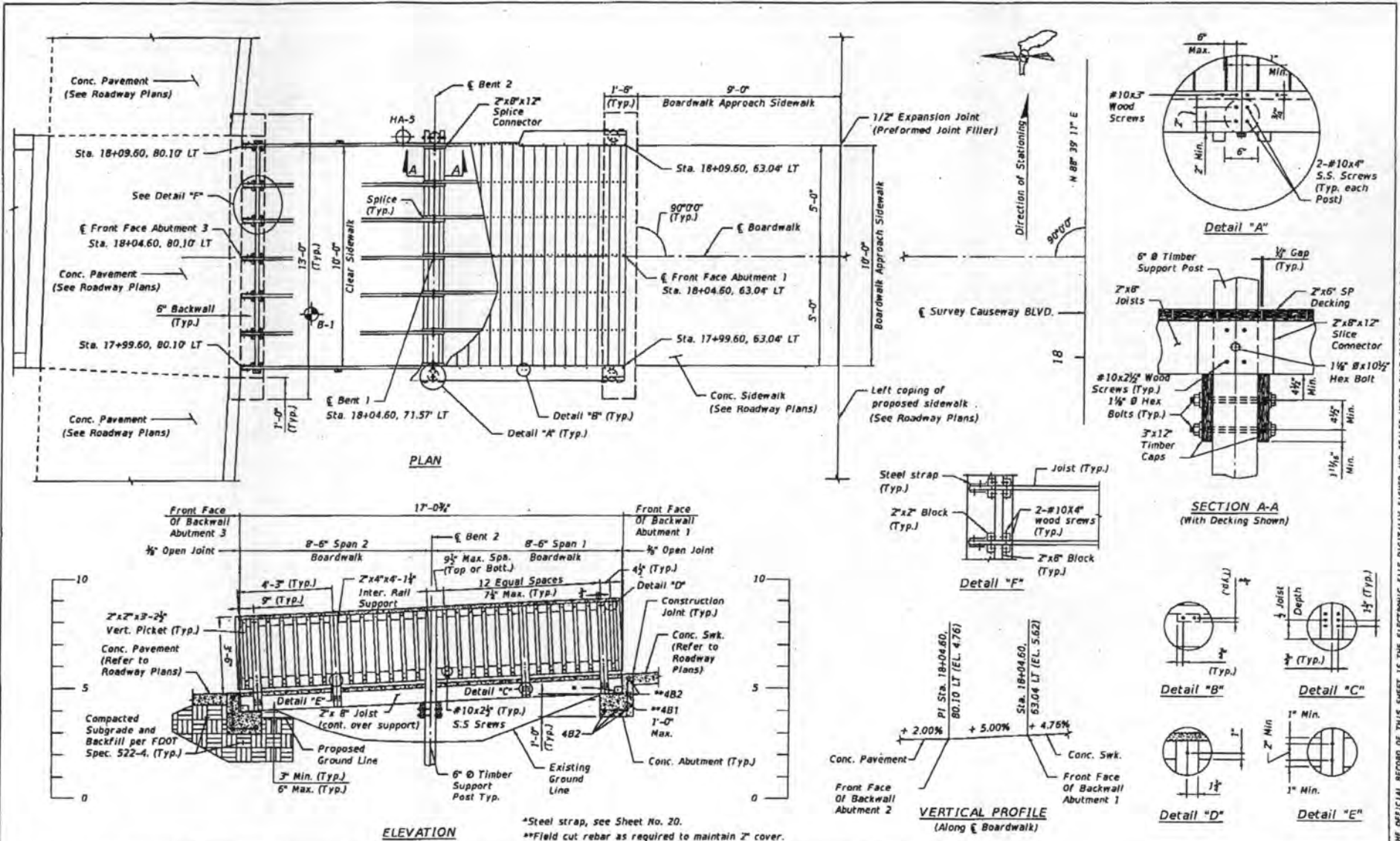


MATCHLINE STA. 19+30.00
SEE SIGNING AND PAVEMENT MARKING PLAN (01)



PREPARED BY: ROAD LAPORTE, P.E. NO. 78390 INTER CORPORATION 201 S. FRANKLIN STREET, SUITE 1200 TAMPA, FL 33602 PHONE: (813) 872-4190 CERTIFICATE OF AUTHORIZATION NO. 8500	 CLEARWATER CITY OF CLEARWATER 100 SOUTH MYRTLE AVENUE CLEARWATER, FL 33756	CLEARWATER BEACH TRANSIT CENTER FOR 6	 PINELLAS SUNCOAST TRANSIT AUTHORITY PINELLAS SUNCOAST TRANSIT AUTHORITY 3201 SCHERER DRIVE ST. PETERSBURG, FL 33716	SIGNING AND PAVEMENT MARKING PLAN (02)		DATE: JAN 2017 SCALE: AS SHOWN BID PLANS SUBMITTAL
				NO. 18		

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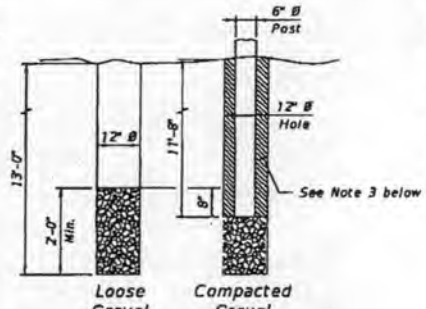
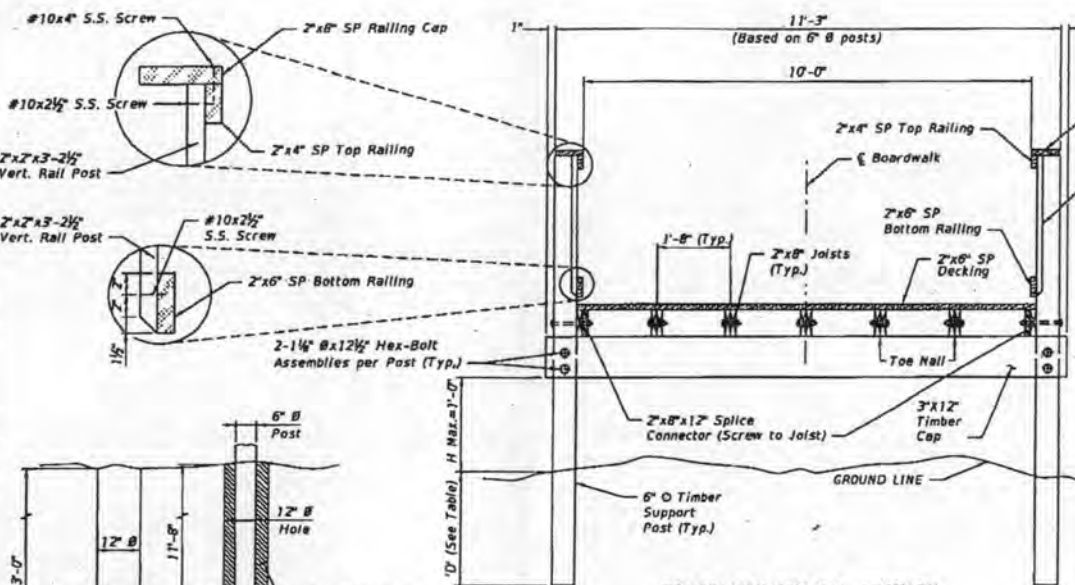


GVS GGY AMS GGY	PREPARED BY: GENIET WASS, P.E. NO. 72269 H&B CONSULTING 301 N. FRANKLIN STREET, SUITE 1200 TAMPA, FL 33603 PHONE: (813) 652-4130 CERTIFICATE OF AUTHORIZATION NO. 6800
--------------------------	--

 CITY OF CLEARWATER 100 SOUTH HIGHLAND AVENUE CLEARWATER, FL 33756	CLEARWATER BEACH TRANSIT CENTER FOR &	 PINELLAS SUNCOAST TRANSIT AUTHORITY 3201 SCHERER DRIVE ST. PETERSBURG, FL 33716
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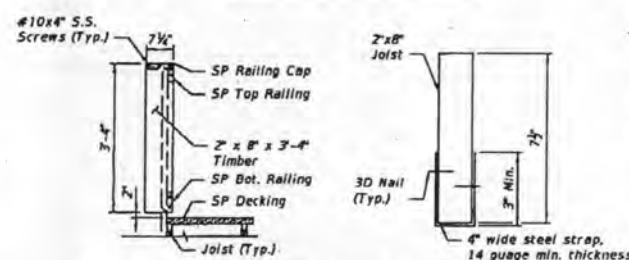
BOARDWALK PLAN AND ELEVATION		<table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>REVISION</th> <th>BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	REVISION	BY					<table border="1"> <tr> <td>DATE</td> <td>19</td> </tr> <tr> <td>TITLE</td> <td>RTS</td> </tr> <tr> <td colspan="2" style="text-align: center;">BID PLANS SUBMITTAL</td> </tr> </table>	DATE	19	TITLE	RTS	BID PLANS SUBMITTAL	
NO.	DATE	REVISION	BY														
DATE	19																
TITLE	RTS																
BID PLANS SUBMITTAL																	

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ALTERNATE POST INSTALLATION DETAILS

- (With approval of the Engineer, the alternate post installation may be used.)
1. Drill 1'-0" Ø hole 13'-0" deep. Place 2'-0" (Min.) Size 57 Stone.
 2. Hand tamp gravel 8" (Min.) into bottom of hole.
 3. Place 6" Ø post. Fill with compacted sand, Class I Concrete or flowable fill, in accordance with Specification 125-8.



SECTION THROUGH HANDRAIL AT BEGIN/END BOARDWALK

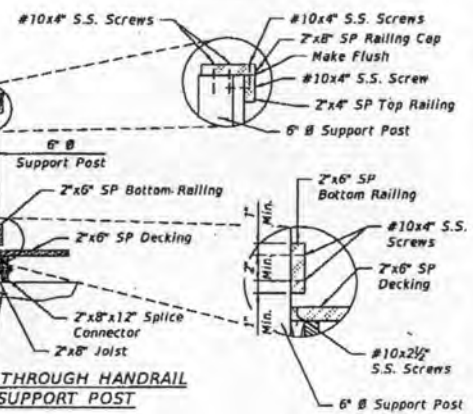
STEEL STRAP DETAIL (See Sheet No. 19)

POST INSTALLATION TABLE

COHESIONLESS SOILS (SANDS)			
	Ø	Saturated Unit Weight lb/ft ³	Submerged Unit Weight lb/ft ³
Loose	29	105	42.6
			13

ESTIMATED QUANTITIES			
ITEM	UNIT	QUANTITY	
Treated Timber	Joists, Caps & Misc	BM/Span	106
Structural	Support Post (6" Ø)	BM/ft of Post	2.36
Structural Plastic	Decking, Rail	BM/Span	166
Concrete	Abutment	CY/Each Abut.	1.1
Reinforcement	Abutment	LB/Each Abut.	64

See note number 6 for breakdown of pay item cost.



SECTION THROUGH HANDRAIL AT SUPPORT POST

NOTES:

1. Specifications: Designed in accordance with the 2014 AASHTO LRFD Bridge Design Specifications (LRFD), 2009 LRFD Guide Specifications for the Design of Pedestrian Bridges (AASHTO DPB) and the 2012 National Design Specifications (NDS) for Wood Construction.
2. Lumber sizes shown are nominal sizes. Lumber shall be furnished in sizes meeting the requirements of the American Softwood Lumber Standard, PS20-94. Lumber grade shall be No. 1, in accordance with FDOT Standard Specification 952. The Decking, Railing Cap, Top Railing and Bottom Railing shall be Structural Plastic. Structural Plastic (SP) shall be Fiberglass Fiber Reinforced Composite Lumber (FFRCL) in accordance with FDOT Standard Specification 973.
3. Design Loading:
Pedestrian LL: 90 psf (Section 3.1 AASHTO DPB)
Rail and Post LL: 200 lb + 50 plf (Section 13.8.2 LRFD)
Timber DL: 34.3 pcf (0.55 Specific Gravity-Section 8.4.1.4 LRFD)
Structural Plastic DL: 65 pcf (FFRCL-FDOT Standard Specification 973)
4. All lumber (Timber & Post) shall be Southern Pine and treated in accordance with FDOT Standard Specification 955. All posts shall receive treatment as required for piling. All structural timber shall be treated for a non-salt (or non-brackish) environment, unless specified otherwise.
5. The Contractor shall use bolts or screws, as shown, for assembly of the boardwalk. All bolt assemblies shall have washers under both the bolt head and nuts. Screws shall be countersunk and installed in holes drilled with a countersunk drill bit. Nails may only be used for pre-assembly as shown. All fasteners shall be ASTM A-307. All bolts, nuts, washers and nails shall be galvanized in accordance with ASTM A-153. All steel plates shall be galvanized in accordance with ASTM 123. All Stainless Steel screws shall be ASTM F593 Type 305.
6. Cost for lumber hardware, post installation, and all incidental items necessary for the timber boardwalk including structural and SP lumber shall be included in unit cost for Pay Item 470-1, Treated Timber Structural. Cost for rebar and concrete abutment shall be included with unit cost for Pay Item 522-2, Concrete Sidewalk and Driveways, 6" Thick.
7. Posts shall be set by pushing/impacting or excavating a 12" Ø hole. If set by pushing/impacting, the post tip shall be installed to the depth shown in the installation table. If set by excavation, the post shall be centered in the hole and to the depth shown in the installation table. The hole shall be backfilled and compacted with suitable material in accordance with FDOT Specification 125-8. When the depth shown is large, the Alternate Post Installation Detail may be proposed.
8. The contractor shall provide shop drawings for all Structural Plastic members (Deck & Rails) to the engineer for approval.
9. The color of the Structural Plastic shall be color no. 30227 in accordance with Federal Color Standard 595B.

<p>APR 5 GGV APR 5 GGV</p>	<p>PREPARED BY: SHERIDAN WASS, P.E. NO. 12300 SHERIDAN CONSULTING 201 N. FRANKLIN STREET, SUITE 1200 TAMPA, FL 33605 PHONE: (813) 402-4130 CERTIFICATE OF AUTHORIZATION NO. 6300</p>	<p>CLEARWATER BEACH TRANSIT CENTER FOR 6</p>	<p>PINELLAS SUCCOAST TRANSIT AUTHORITY 3201 SCHERER DRIVE ST. PETERSBURG, FL 33716</p>	<p>BOARDWALK TYPICAL SECTION</p>	<p>REV. DATE: 1/15/2017 REVISED: 4:09:18 PM BY: [Signature] CHECKED: [Signature] DATE: Jan. 2017 BY: [Signature]</p>
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EXHIBIT E
Clearwater Beach Transit Center
Contract Bid Document
Statement of Work

The purpose of this project is to construct a new bus bay along the north side of Causeway Boulevard in Clearwater Beach. The location of this new bus bay is just east of the intersection of Causeway Boulevard and East Shore Drive. This project will include the construction of a boardwalk structure connecting the sidewalk running along the north side of Causeway Boulevard to the Gateway Parking Lot #43 owned by the City of Clearwater. In addition, a canopy structure will be constructed adjacent to the proposed bus bay and over the proposed boardwalk connection. All work shall take place within the existing City of Clearwater right-of-way.

This project involves roadway design, drainage design, signage and pavement markings, structures design, and utility coordination. Other improvements will be handled by the City of Clearwater and are not a part of the scope for this project including landscaping, transit amenities, and signalization.

Causeway Boulevard from East Shore Drive to the bridge over the Clearwater Harbor Channel is classified as an urban principal arterial. This section is a four-lane divided roadway with 10-foot travel lanes, a 13-foot median with Type D median curb, Type F curb and gutter along the outside in both directions, 15' landscape areas on both sides, a 10-foot sidewalk on the north side, and 15-foot sidewalk on the south side. There is an existing stormwater pond located along the north side of Causeway Boulevard between the sidewalk and the parking lot.

Roadway

The proposed improvements associated with this project will extend from 40-feet east of Lake Shore Drive to 100-feet west of the bridge over Clearwater Harbor Channel. There will be a proposed bus bay 340-foot in length constructed along the north side of Causeway Boulevard. The bus bay will be 13-feet in width and will be constructed with asphalt pavement. There will be proposed drop curb constructed between the bus bay pavement and the existing roadway pavement. There will be proposed Type F curb and gutter constructed along the back of the bus bay pavement. The existing 10-foot wide sidewalk adjacent to the proposed bus bay will be reconstructed with 6-inch thick concrete. A 6-inch thick concrete landing area with ramps transitioning to the existing parking lot pavement will be constructed at the end of the proposed boardwalk connection within the existing parking lot area. The traffic control plan for this project will utilize Index 612 for the construction of the proposed bus bay. A pedestrian detour will be utilized to route pedestrians around the work zone.

Drainage

The existing drainage system along Causeway Boulevard is a closed storm pipe drainage system. There is an existing linear stormwater pond located along the north side of Causeway Boulevard between the existing sidewalk and parking lot. The proposed bus bay pavement will be sloped towards the existing roadway. The bus bay improvements will impact an existing curb inlet, which will be removed and replaced with a proposed Type V Inlet. This will also require a portion of the

existing roadway pavement to be reconstructed. A SWFWMD minor permit modification is necessary in order to construct the proposed boardwalk connection over the existing stormwater pond to the parking lot.

Signing and Pavement Markings

This project will include proposed striping and pavement messages for the bus bay improvements. Striping will also be added within the parking lot adjacent to the proposed landing area with ramps. Four parking spaces will be closed due to the proposed improvements within the parking lot. Two existing signs will be relocated to the median due to the bus bay improvements.

Structures

This project will include the construction of a 10-foot wide synthetic boardwalk connecting the sidewalk running along the north side of Causeway Boulevard to the Gateway Parking Lot #43 owned by the City of Clearwater. A canopy structure will be constructed over the sidewalk located adjacent to the proposed bus bay and over the boardwalk connection to the parking lot. The canopy structure will require several anticipated foundations constructed along the back of the proposed sidewalk.

Utilities

There are eight utility agency owners located within the project limits. There will be anticipated utility relocations and adjustments due to the proposed bus bay improvements, mainly due to the proposed canopy foundations. Utility coordination is on-going with all utility agency owners. As information is received, the plans will be updated with plan revisions. Additional subsurface utility engineering (SUE) is being scheduled for the anticipated canopy foundation locations.

PREPARED BY AND WHEN RECORDED RETURN TO:
ALAN S. ZIMMET, B.C.S.
BRYANT MILLER OLIVE PA
201 NORTH FRANKLIN STREET, SUITE 2700
TAMPA, FL 33602

BUS TRANSFER STATION EASEMENT AGREEMENT

THIS EASEMENT AGREEMENT ("Agreement") is made as of this 17th day of MAY, 2017, by the City of Clearwater, Florida, a municipal corporation with its principal place of business located at 112 South Osceola Avenue, Clearwater, FL 33756 ("Grantor").

WHEREAS, Grantor is a municipal corporation that owns or has jurisdiction over certain portions of the right-of-way of Causeway Boulevard and the property adjacent to Causeway Boulevard directly west of the Mandalay Channel, as more particularly described in Exhibit "A" ("Property"); and

WHEREAS, the Pinellas Suncoast Transit Authority, an independent special district with its principal place of business located at 3201 Scherer Drive, St. Petersburg, FL 33716 ("Grantee"), is a transit authority that provides transit services throughout Grantor's jurisdiction; and

WHEREAS, Grantor and Grantee have agreed in an interlocal agreement dated 5-17-17 ("Interlocal Agreement") that Grantee may construct, operate, and maintain a bus transfer facility on the Property ("Bus Transfer Station"); and

WHEREAS, pursuant to the Interlocal Agreement, the Grantor has agreed to grant Grantee an easement on the portions of the Property that Grantor owns (the "Easement Property", attached hereto and incorporated herein as Exhibit "B"), and a Right-of-way Permit for the portions of the Property Grantor does not own but for which Grantor has operational and maintenance jurisdiction (the "Right-of-way Permit Limits", attached hereto and incorporated herein as Exhibit "C"), in order to allow for the construction, operation, and maintenance of the Bus Transfer Station by Grantee.

NOW, THEREFORE, Grantor, for itself and its successors and assigns, hereby subjects the Property to the easement set forth herein.

SECTION 1: RECITALS

The above recitals are true and correct and are hereby incorporated by reference.

SECTION 2: GRANT OF EASEMENT

2.1 GRANT OF EASEMENT. Grantor hereby grants an exclusive easement in, to, on, over, under, along, through, and across the Easement Property, as more particularly described

and depicted on Exhibit "B" ("Easement Area") to Grantee and its successors, assigns, agents, employees, and independent contractors, for the purpose of constructing, operating, and maintaining the Bus Transfer Station for so long as the Interlocal Agreement is in effect ("Easement"). The easement granted herein is exclusive only as to the uses described above.

- 2.2 GRANT OF RIGHT-OF-WAY PERMIT. Of even date herewith, Grantor shall grant Grantee a Right-of-way Permit for occupation and use of the portions of the Property that Grantor does not own, but for which Grantor has operational and maintenance responsibilities.
- 2.3 RECORDING. Grantee may record this Agreement in the official records of Pinellas County, Florida.

SECTION 3: REPRESENTATIONS AND WARRANTIES

Grantor hereby represents and warrants to Grantee as follows:

- 3.1 OWNERSHIP. Grantor is the owner in fee simple of the Easement Property, subject to existing rights of way, easements, covenants, conditions, restrictions, and other matters of record, on which Grantee intends to construct, operate, and maintain the Bus Transfer Station.
- 3.2 RIGHT TO CONVEY EASEMENT. Grantor warrants and represents that Grantor has the right to convey an easement in, to, on, over, under, along, through, and across the Easement Property and will defend the same easement against the lawful claims of all persons whomsoever.
- 3.3 AUTHORITY. Grantor does hereby fully warrant and represent that those signing the Agreement on behalf of Grantor have the authority to bind Grantor to this Agreement.

SECTION 4: USE OF EASEMENT AREA

Notwithstanding the foregoing grant of easement, Grantor retains the right to use the Easement Area for any lawful purpose other than for a permanent building, structure, foundation, or other use inconsistent with the Easement granted herein or that interfere with Grantee's use of the Easement Property.

SECTION 5: BINDING EFFECT

The foregoing grant of Easement and rights appurtenant thereto, shall be and constitute covenants running with the land, benefiting the public at large and burdening the Easement Area, and shall be binding upon the heirs, successors, and assigns of the parties. The grant of Easement hereunder shall terminate upon termination of the Interlocal Agreement.

IN WITNESS WHEREOF, the Grantor, the City of Clearwater, has executed this Agreement on the date written above.

Witness:

[Signature]

Print Name: Scott Burrows

Witness:

[Signature]

Print Name: Patricia Kuligowski

GRANTOR:

[Signature]
William B. Horne, II
City Manager

[Signature]
George N. Cretekos
Mayor

Attest:

[Signature]
Rosemarie Call
City Clerk



Approved as to form:

[Signature]
Matthew M. Smith
Assistant City Attorney

STATE OF FLORIDA
COUNTY OF PINELLAS

The foregoing instrument was acknowledged before me this 17th day of May 2017, by William B Horne, II as City Manager for the City of Clearwater.

[Signature]

Personally Known OR Produced Identification

Type of Identification Produced:



EXHIBIT G
Right-of-way Permit Form



Right-of-Way Permit STANDARD FORM

Fee: \$ _____ B.C.P. #: _____ R.O.W. Permit No.: 20 _____ - _____

THIS PERMIT MUST BE AT SITE DURING CONSTRUCTION

Applicant: _____	Contractor: _____
Address: _____	License #: _____
Phone #: ☎ _____	Address: _____
	Phone #: ☎ _____
Emergency/After-Hours Phone #: ☎ _____	

Location and address of work: _____

Description of work: _____

SUNSHINE STATE ONE CALL OF FLORIDA #: _____

Phone #: ☎ (800) 432-4770 (Sunshine State One Call of Florida Reference # required for permit approval)

Start Date: _____ Completion Date: _____

Note: This permit is void after the above Completion Date. The Completion Date may be extended one time for up to thirty (30) days upon notification of the City of Clearwater Engineering Department ☎ (727) 562-4750 prior to expiration of this permit.

SPECIAL CONDITIONS:

1. The contractor shall notify the City of Clearwater Engineering Department ☎ (727) 562-4750 within 24 hours of completion of the work in the Right-of-Way.
2. All required inspections shall be completed prior to expiration of this Permit.
3. Property owner will abide by all special conditions above and general conditions set forth on page 2 of 2.

Testing Lab Required Testing Laboratory: _____

Contact Person: _____

Phone #: ☎ _____

Insurance Accident/Liability jointly (check one): On File Copy Attached

I understand the conditions of this Permit. I will contact the City of Clearwater Engineering Department – phone #: ☎ (727) 562-4750 a minimum of 48 hours prior to the start of construction to coordinate the required inspections. This Permit is valid only when I have contacted all concerned utilities and the Engineering Department.

_____ <i>Printed Name of Applicant or Authorized Agent for Applicant</i>	_____ <i>Signature of Applicant or Authorized Agent for Applicant</i>	_____ <i>Date</i>
_____ <i>Printed Name of Property Owner</i>	_____ <i>Signature of Property Owner</i>	_____ <i>Date</i>

Parking System Approval by: _____ Date: _____

Traffic Division/MOT Approval by: _____ Date: _____

Permit Approved by: _____ Date: _____

GENERAL PERMIT CONDITIONS:

1. Utility Construction in the right of way shall be conducted in conformance with the Construction Specifications contained in Sec. 28.95 of the Clearwater Code of Ordinances.
2. The proposed work/utility in the Right-of-Way shall not interfere with the property and rights of any prior occupants.
3. The construction, operation and maintenance of proposed work/utility in the Right-of-Way shall not create an obstruction or conditions, which are or may become dangerous to the traveling public.
4. The contractor shall perform all work and restoration of the Right-of-Way in conformance with the current standards of the City of Clearwater.
5. The applicant and contractor shall and does hereby agree to indemnify, pay the cost of defense, and save harmless the City of Clearwater from and against payment of all claims, suits, actions, costs, attorney's fees, expenses, damages, judgments, or decrees by reason of any person or persons or property being damaged or injured by the applicant or his contractor, subcontractors, employees, agents or in any way attributable to the performance, prosecution, construction, operation, or maintenance of the work/utility herein permitted by the City of Clearwater, and resulting from negligent acts or omissions of said applicant or contractor in connection with the work/utility herein permitted.
6. The permittee declares that prior to filling out this application he has ascertained the location of all existing utilities, both aerial and underground, and notified utility owners of proposed construction. The applicant/contractor shall repair any damage or injury to the road or highway or other City property by reason of the exercise of any of the privileges granted in this permit, and shall repair the same promptly, within seven (7) days of opening, restoring it to a condition at least equal to that which existed immediately prior to the infliction of such damage or injury.
7. All overhead installations shall conform to clearance standards of the State of Florida Department of Transportation (FDOT), and all underground crossing installations shall be laid at a minimum depth of cover of 30" below grade, or at such greater depth as required by the permit. All areas of grass disturbed by construction activities shall be sodded to match existing grass. All cuts of pavement, sidewalks, driveways, curbs, etc., shall be in a straight line.
8. Contractor shall abide by erosion and siltation control policy of the City of Clearwater. Protect all storm inlets and drainage ways from siltation during and following the completion of work.
9. This permit creates a permissive use only and the placing of facilities upon City of Clearwater Right-of-Way pursuant hereto shall not operate to create or to vest any property rights in said applicant and is granted in perpetuity subject to termination by the City of Clearwater upon the giving of 30 days notice in writing to the applicant. In the event of widening, repair or reconstruction of said road or Right-of-Way, the applicant shall move or remove said work/utility at no cost to the City of Clearwater.
10. The applicant shall furnish the City with a construction plan showing the exact location of all proposed facilities to be installed pursuant to this permit, said construction plan to be sufficiently detailed to allow location of said installation by reference thereto. The attached construction plan, covering details of this installation, shall be a part of this permit.
11. Property corner and survey monuments subject to displacement by the construction activities shall first be referenced and later reset by a Florida Registered Land Surveyor.
12. The contractor shall contact the City of Clearwater Engineering Department ☎ (727) 562-4750 a minimum of 48 hours prior to the start of construction to coordinate the inspection of construction.
13. Compaction within the right of way shall meet City of Clearwater Minimum Standards. Compaction tests from a certified laboratory are required for all pavement excavation and may be required in the parkway.
14. The use of fire hydrants without a hydrant meter is a crime and is not authorized.
15. The construction, operation and maintenance of such work/utility shall conform to FDOT safety regulations where the permittee must take measures, including placing and display of safety devices that may be necessary in order to safely conduct the public through or around the project area in accordance with the Florida Department of Transportation Manual on Traffic Controls and Safe Practices for Street and Highway Construction, Maintenance and Utility Operation.
16. Construction in the vicinity of trees shall conform to the tree protection ordinance found in City of Clearwater Community Development Code Section 3-1205.