

CHARLEY TOPPINO & SONS, INC.

CHARLEY TOPPINO & SONS, INC.

P.O. BOX 787

KEY WEST, FL 33041

Phone: 305 296-5606

Fax: 305 296-5189

SOV#39-Unforeseen Conditions Change Allowance

Number: 2

PROJECT: Truman Waterfront Park Project

DATE: 6 June 2016

TO: CITY OF KEY WEST

PROJECT #: GR0703

SOV line #39 "Unforeseen Conditions Allowance" \$554,680.33

DESCRIPTION OF CHANGE:

ITEM

AMOUNT

1-FCD-006-Additional Seawall Demo-NTP1 PH2

\$ 11,313.00

2-FCD-008 - Spline Road Stabilization - Parcel C

\$56,972.00

TOTAL:

\$ 68,285.00

1. It is understood and agreed that the acceptance for this Change Order by this Subcontractor constitutes an accord and satisfaction with the terms of this Change Order.
2. The amount of the Change Order covers all direct and indirect costs.
3. It is further understood and agreed that all terms and conditions of said Contract, as it may therefore have been modified shall remain the same.
4. Acceptance of the Change Order acknowledges acceptance of all previous Change Order work by the Subcontractor and Contractor as well as any adjustments to the Subcontractor amount and modifications as reflected above.
5. This Change Order includes all items necessary for a complete installation including, but not necessarily limited to labor, supervision, materials, transportation, incidentals, taxes, and any other items necessary for a complete installation.

The Original Contract Sum was per SOV line item #39 for Unforeseen Conditions Allowance Net

\$554,680.33

Change by Previously Authorized Requests & Changes:

\$ (11,313.00)

The Contract Sum Prior to This Change Order is:

\$ \$543,367.33

The total of this submitted change to the Unforeseen Conditions Allowance:

\$ (56,972.00)

The Contract Sum SOV Line Item #39 for Unforeseen Conditions Allowance will be Decreased To:

\$486,395.33

The Contract Time Will Not be Changed (Days) 0

ACCEPTED:

CHARLEY TOPPINO & SONS, INC.

By: Andi Fraley

By: _____

Andi Fraley

Printed Name & Title

Printed Name & Title

Date: 6 June 2016

Date: _____

From: [Andi Fraley](#)
To: ["Gary Volenec"](#); ["Andrew Toppino"](#)
Cc: ["Richard J. Toppino"](#); ["Greg Veliz"](#); ["James Bouquet"](#)
Subject: Truman Superblend materials - Parcel C
Date: Friday, June 03, 2016 12:09:00 PM
Attachments: [Parcel C-Subgrade Work Plan and Cost Impact- 1 June 2016.pdf](#)
[312300-002-Trench-Fill-Mat1_CKWresponse\(AAN\) \(3\).pdf](#)
[image001.png](#)

Hi Gary

Attached is the Parcel C subgrade work plan which contains the LBR test results for the Superblend and the previous contaminant testing for the components of the Superblend, as submitted and reviewed under 31 23 00. The Superblend is made up of the recycled #57 / #89 and the sand component is a resultant of the crushing of the stone. Please let me now if you need anything else. You may reach me on my mobile at 305-797-0071.

Kind regards, Andi

From: Gary Volenec [<mailto:gvolenec@cityofkeywest-fl.gov>]
Sent: Friday, June 03, 2016 9:25 AM
To: Andrew Toppino; Andi Fraley
Cc: Richard J. Toppino; Greg Veliz; James Bouquet
Subject: RE: Truman

Andi,

As far as FCD 08 – Superblend Material agreed to yesterday, please furnish us with a certification that any imported material is not contaminated prior to arriving onsite.

Thanks,
Gary

Gary J. Volenec, P.E.

City Engineer
City of Key West
305 809-3967



Thanks,
Gary

FIELD CHANGE DIRECTIVE
No. 08

PROJECT: **Truman Waterfront Park Phase 1A**

DATE OF ISSUANCE: **June 2, 2016**

EFFECTIVE DATE: **June 2, 2016**

OWNER: **City of Key West**

OWNER's Project Number: **GR0703/SE1505/TR0501**

CONTRACTOR: **Charley Toppino & Sons**

Project Mgr.: **Jim Bouquet**

You are directed to proceed promptly with the following change(s):

Replace existing unsuitable subgrade material with imported "Superblend" aggregate placed full-depth (12 inches) within the spline roadway. Placement limits extend from the Navy Pedestrian Bridge to approximately Station 11+00 (Drawing CG-05). Full depth placement was recommended to achieve the necessary load bearing factor (LBR) for long term stability of the roadway, including access to the Navy Port Operations and Ft. Zachary State Park. The proposed costs to implement this recommendation is \$95,594 (see attached). The City will reimburse Toppino the cost of replacement material (1,530 tons @\$30.50 per = \$46,665.) plus 50% of unsuitable subbase excavation cost (\$10,307.), totaling \$56,972. Payment will be made under SOV Item 39, Unforeseen Conditions Allowance. Provide Superblend delivery weight slips to City on a daily basis to verify material quantities delivered to the site.

Note that no change in existing performance and payment bonds will be necessary for this work.

Refer to attached Contractor Request for Change dated June 1, 2016 and email correspondence.

Cost of Work Directive as Deducted from Unforeseen Conditions Item: **\$56,972.00**

Increase in Contract Times: **None**



CT&S has coordinated with CKW for original tickets to be turned over at the end of each delivery day for Superblend.
As of end of day - 3 June 2016
[25] day/time coded delivery/weight slips turned over to T.J./CKW

Jim Bouquet, P.E.
Director of Engineering

James Bouquet

From: James Bouquet
Sent: Thursday, June 02, 2016 4:09 PM
To: Richard J. Toppino
Cc: Andi Fraley; Gary Volenec; Greg Veliz
Subject: Truman Spline Road
Attachments: SKMBT_C364e16060214550.pdf

Richard:

As a follow-up to our meeting today, the City Engineering staff agrees with Toppino's recommendation to replace existing unsuitable subgrade material with imported "Superblend" aggregate placed full-depth (12 inches) within the spline roadway. Placement limits extend from the Navy Pedestrian Bridge to approximately Station 11+00 (Drawing CG-05). Full depth placement was recommended to achieve the necessary load bearing factor (LBR) for long term stability of the roadway, including access to the Navy Port Operations and Ft. Zachary State Park. The proposed costs to implement this recommendation is \$95,594 (see attached). As agreed, the City will reimburse Toppino the cost of replacement material (1,530 tons @\$30.50 per = \$46,665.) plus 50% of unsuitable subbase excavation cost (\$10,307.), totaling \$56,972. Payment will be made under SOV Item 39, Unforeseen Conditions Allowance. Please provide Superblend delivery weight slips to Terry on a daily basis to verify material quantities delivered to the site.

Note that no change in existing performance and payment bonds will be necessary for this work.

We appreciate your efforts in resolving the unsuitable subgrade soils and LBR issue. I will formalize into a Field Change Directive.

Jim B.

Item	Description	Quantity	Units	Cost per Unit	Line Item Cost	Notes
UNCLASSIFIED EXCAVATION						
	Excavate 12" Sub-Base	1,330.0	CY	\$ 15.50	\$ 20,615.00	
	<i>*Includes hauling/disposal</i>					
REPLACE SUBBASE MATERIAL						
	Furnish "Superblend" Material	1,530.0	TON	\$ 30.50	\$ 46,665.00	
	Road Grader	40.0	HR	\$ 90.00	\$ 3,600.00	
	Dozer	40.0	HR	\$ 65.00	\$ 2,600.00	
	Wheel Front End Loader, without Operator, Cat 950, or Equal	40.0	HR	\$ 65.00	\$ 2,600.00	
	Roller	40.0	HR	\$ 55.00	\$ 2,200.00	
	Dump Truck, without Operator	40.0	HR	\$ 60.00	\$ 2,400.00	
	Foreman	40.0	HR	\$ 80.00	\$ 3,200.00	
	Operator	40.0	HR	\$ 60.00	\$ 2,400.00	
	Operator	40.0	HR	\$ 60.00	\$ 2,400.00	
	Laborer	40.0	HR	\$ 42.00	\$ 1,680.00	
	Laborer	40.0	HR	\$ 42.00	\$ 1,680.00	
	Laborer	40.0	HR	\$ 42.00	\$ 1,680.00	
Subtotal					\$ 93,720.00	
1	Performance/Payment Bonds (\$20.00/Thousand)	1	LS	\$20.00/Thousand	\$ 1,874.40	
2	Mobilization/Demobilization	1	LS	5% of Total		
Total					\$ 95,594.40	
Notes:	Per Soil Testing Firm Recommendations					
Prepared by:	Andrew Toppino					
	Estimator					
	Charley Toppino & Sons, Inc.					
Date:	5/31/16					
					WCD Sheet	3 1 of 1



Truman Waterfront Park Project GR0703 Field

SK-003 - Coordination - Subgrade Work Plan

1 June 2016

During the visit and Subgrade discussion last Monday, 23 May 2016, we agreed to proceed with LBR testing of the "Superblend" material. The result = unadjusted 90.6, please see the attached.

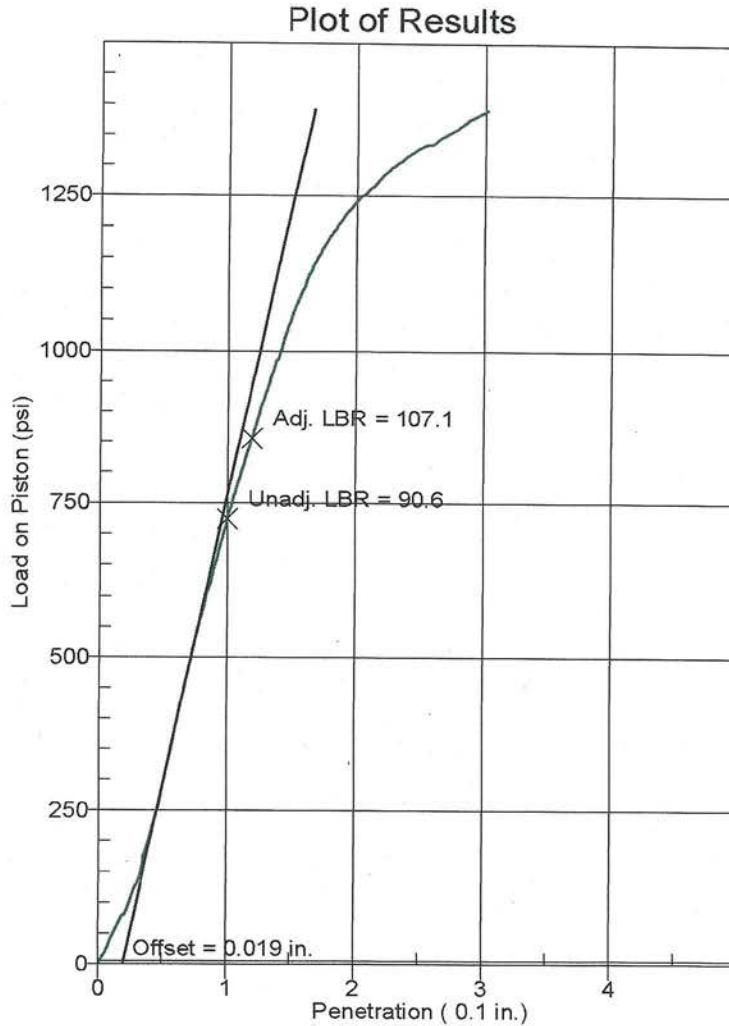
It was the professional opinion of the Soils Testing technicians with Concrete Analysis & Testing Laboratories, Inc. that the existing materials from the Fort Zachary entrance area to SSMH 1 were not suitable to achieve LBR40 through mixing based on previous site sampling and testing data results. To mix with the existing materials on site would risk inconsistent results and potential settling over time.

This proposal is for the removal / replacement of the 12" subbase with a suitable material as referred to in our discussions and per the Nutting Report, page 9, paragraph, Paving Areas. The attached sketch illustrates the quantity of materials and specific area of impact at this time.

As we all agreed, it is our hope that as work progresses across the site, this removal/ replacement work plan may not be needed beyond the FZTP entrance to SSMH 1 area as the existing soil conditions may improve for the bearing ratio to be achieved with existing site materials.

Please assist us to locate an area for stockpiling, if desired, of this material for CKW future use, so that the pile [s] will not need to be relocated again during our project or adjacent projects work area needs.

Limerock Bearing Ratio (LBR) Report



Project Name: Charley Toppino and Sons Truman Waterfront		
Project Number: 1	Sample Number: 3	Lab Number: I04014
Test Date: 05/26/16 09:25	Date Compacted : 5-24-16	Report Date: 5/26/2016
Corrected LBR: 107.1	Uncorrected LBR: 90.6	Recorder: WLM
Dry Density: 112.7 pcf	Wet Density: 123.0 pcf	Moist. Content: 9.2 %
Wet Wt. + Tare: 194.30 g	Dry Wt. + Tare: 178.00 g	Tare Weight: 0.00 g
Mold Number: 3	Mold Volume: 129.700 ci	Mold Weight: 14.260 lb
Wet Wt. + Mold: 23.490 lb.	Description: Super Blend from Stockpile	
Data File: LBR0002.txt	Remarks: Fort Zachary Taylor Tie In and Station 53	

GRAIN SIZE DISTRIBUTION TEST DATA

5/24/2016

Client: Charley Toppinos and sons

Project: Truman Waterfront

Project Number: 1

Location: fort zack tie in superbend

Sample Number: 5-24-16

Material Description: toppinos superbend mix

Sample Date: 5-23-16

Date Received: 5-23-16

PL: np

LL: nv

USCS Classification: SP

AASHTO Classification: A-1-a

Testing Remarks: none

Tested By: wlm

Test Date: 5-24-16

Checked By: william mathews

Title: lab supervisor

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Retained
27430.00	0.00	0.00	2	0.00	0.0
			1 1/2	0.00	0.0
			1	55.00	0.2
			3/4	2675.00	9.8
			1/2	8485.00	30.9
			3/8	10080.00	36.7
			#4	11835.00	43.1
279.20	0.00	0.00	#10	59.10	55.2
			#20	119.00	67.4
			#40	189.50	81.7
			#60	246.50	93.3
			#80	260.70	96.2
			#140	272.70	98.7
			#200	275.30	99.2

Fractional Components

Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	55.2	26.5	17.5	44.0			0.8

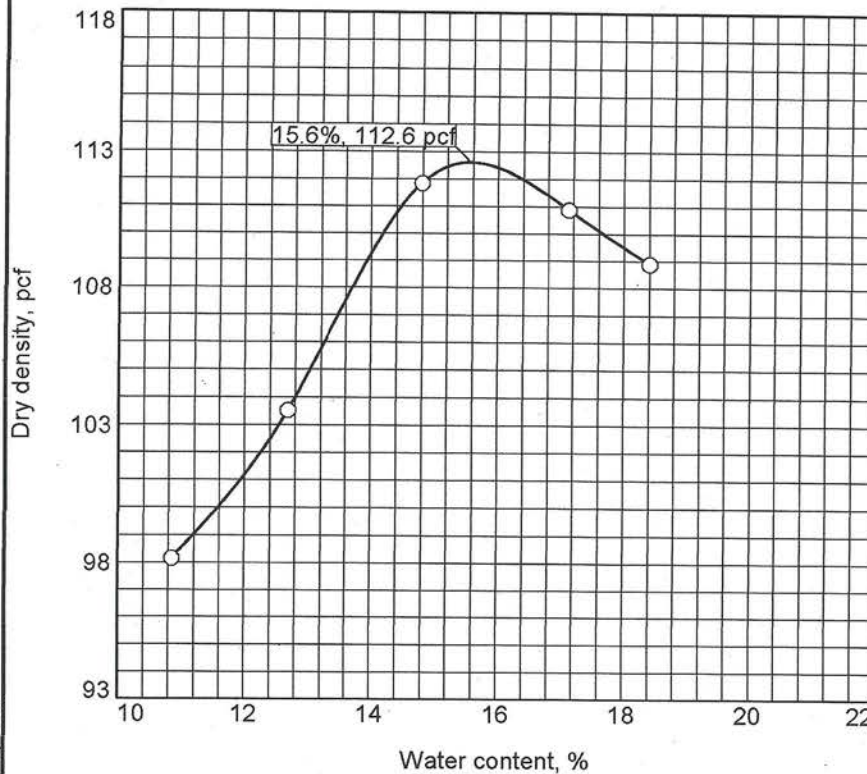
D ₁₀	D ₁₅	D ₂₀	D ₃₀	D ₅₀	D ₆₀	D ₈₀	D ₈₅	D ₉₀	D ₉₅
0.3008	0.3724	0.4568	0.7329	2.8394	6.6929	15.8243	17.2685	18.9552	21.2451

Fineness Modulus	C _u	C _c
4.66	22.25	0.27

COMPACTION TEST REPORT

Curve No.
c-281

Test Specification:
ASTM D 1557-07 Method C Modified



Preparation Method dry
 Hammer Wt. 10 lb.
 Hammer Drop 18 in.
 Number of Layers five
 Blows per Layer 56
 Mold Size 0.075 cu. ft.
 Test Performed on Material
 Passing 3/4 in. Sieve
 NM LL NV PI NP
 Sp.G. (ASTM D 854)
 %>3/4 in. 9.8 %<No.200 0.8
 USCS SP AASHTO
 Date Sampled 5-23-16
 Date Tested 5-24-16
 Tested By wlm

TESTING DATA

	1	2	3	4	5	6
WM + WS	22.33	22.92	23.80	23.91	23.84	
WM	14.17	14.17	14.17	14.17	14.17	
WW + T #1	236.0	239.0	250.6	318.1	245.2	
WD + T #1	212.9	212.1	218.3	271.6	207.1	
TARE #1	0.0	0.0	0.0	0.0	0.0	
WW + T #2						
WD + T #2						
TARE #2						
MOISTURE	10.9	12.7	14.8	17.1	18.4	
DRY DENSITY	98.2	103.5	111.9	110.9	108.9	

TEST RESULTS

Maximum dry density = 112.6 pcf

Optimum moisture = 15.6 %

Project No. 1 Client: Charley Toppinos and sons
 Project: Truman Waterfront

Location: fort zack tie in superblend Sample Number: 5-24-16

Concrete Analysis & Testing Laboratories, Inc

Marathon, FL

Material Description

toppinos superblend mix

Remarks:

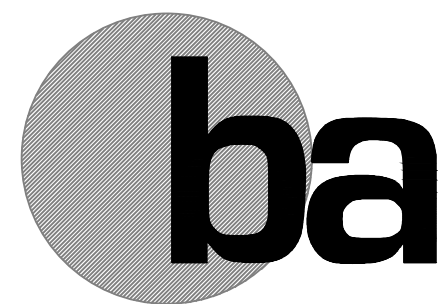
none

Checked by: william mathews

Title: lab supervisor

Figure

These results are for the exclusive use of the client for whom they were obtained. They apply only to the samples tested and are not indicative of apparently identical samples.



BERMELLO AJAMIL
& PARTNERS • INC

Architecture • Engineering • Planning
Interior Design • Landscape Architecture
2601 South Bayside Drive
Suite 1000
Miami, Florida 33133
(305) 859-2050
Fax (305) 860-3700

PREPARED FOR/OWNER:
CITY OF KEY WEST, FL
P. O. BOX 1409
3140 FLAGLER AVENUE
KEY WEST, FL 33041



PROJECT NAME:

**TRUMAN
WATERFRONT
PARK**

PROJECT LOCATION/ADDRESS:

TRUMAN WATERFRONT PARK
WEST OF FORT STREET AND THE
TRUMAN ANNEX DEVELOPMENT,
NORTH OF KEY WEST NAVAL BASE

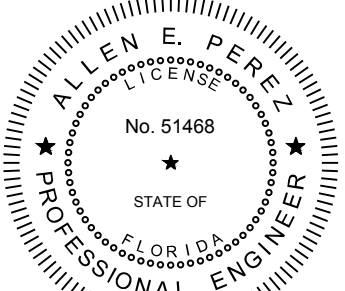
SUB-CONSULTANT INFORMATION:

**PEREZ ENGINEERING &
DEVELOPMENT, INC.**

Certificate of Authorization No. 8579

1010 Kennedy Drive
Suite 201
Key West, Florida 33040
(305) 293-9440
Fax (305) 296-0243

PROFESSIONAL SEAL:



ALLEN E. PEREZ, P.E.
FLORIDA REGISTERED ENGINEER
51468

SUBMITTAL DESCRIPTION / MILESTONE:

**BIDDING
August 30, 2015**

REVISIONS:

09-29-15 ADDENDA No. 2
03-18-15 ROAD REALIGNMENT

DRAWING SHEET INFORMATION

BA PROJECT NO.: 14041
SCALE: 1" = 30'
DATE: June 25, 2015
DRAWN BY: BGO
CHECKED BY: AEP

DRAWING TITLE:

**PAVING, GRADING,
& DRAINAGE PLAN**

SHEET NO.

CP-01



ENVIRONMENTAL LAND USE CONTROLS NOTE:
PRIOR TO ANY AND ALL CONSTRUCTION ACTIVITIES, THE
CONTRACTOR IS RESPONSIBLE FOR VERIFYING IF
LOCATION OF CONSTRUCTION ACTIVITIES ARE SUBJECT TO
ENVIRONMENTAL LAND USE CONTROLS (LUC). ANY AND ALL
ENCOUNTERED CONTAMINATED SOIL AND OR
GROUNDWATER SHALL BE HANDLED PER THE "SOIL AND
GROUND WATER MANAGEMENT PLAN", DATED FEBRUARY
13, 2015 INCLUDED IN THE PROJECT MANUAL.
CONTRACTOR SHALL VERIFY THAT LUC CONSTRUCTION
PERMIT HAS BEEN FILED AND APPROVED FOR THIS WORK.



Work Change Directive Proposal
Truman Waterfront Park Phase 1A
 ITB 15-022
 P.O. #

DATE: 5/31/16

Location:	Truman Waterfront Park, Key West	ITEMIZED QUANTITIES
Scope:	Excavation and Replacement of 12" sub-base	WCD 3

Item	Description	Quantity	Units	Cost per Unit	Line Item Cost	Notes
	UNCLASSIFIED EXCAVATION					
	Excavate 12" Sub-Base	1,330.0	CY	\$ 15.50	\$ 20,615.00	
	*Includes hauling/disposal					
	REPLACE SUBBASE MATERIAL					
	Furnish "Superblend" Material	1,530.0	TON	\$ 30.50	\$ 46,665.00	
	Road Grader	40.0	HR	\$ 90.00	\$ 3,600.00	
	Dozer	40.0	HR	\$ 65.00	\$ 2,600.00	
	Wheel Front End Loader, without Operator, Cat 950, or Equal	40.0	HR	\$ 65.00	\$ 2,600.00	
	Roller	40.0	HR	\$ 55.00	\$ 2,200.00	
	Dump Truck, without Operator	40.0	HR	\$ 60.00	\$ 2,400.00	
	Foreman	40.0	HR	\$ 80.00	\$ 3,200.00	
	Operator	40.0	HR	\$ 60.00	\$ 2,400.00	
	Operator	40.0	HR	\$ 60.00	\$ 2,400.00	
	Laborer	40.0	HR	\$ 42.00	\$ 1,680.00	
	Laborer	40.0	HR	\$ 42.00	\$ 1,680.00	
	Laborer	40.0	HR	\$ 42.00	\$ 1,680.00	
	Subtotal				\$ 93,720.00	
1	Performance/Payment Bonds (\$20.00/Thousand)	1	LS	\$20.00/Thousand	\$ 1,874.40	
2	Mobilization/Demobilization	1	LS	5% of Total		
	Total				\$ 95,594.40	
Notes:	Per Soil Testing Firm Recommendations					
Prepared by:	Andrew Toppino					
	Estimator					
	Charley Toppino & Sons, Inc.					
					WCD	3
					Sheet	1 of 1
Date:	5/31/16					