



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Blvd.
Orlando, Florida 32827

April 2, 2021

Mr. Daniel R. LaMorte
Vice President
Turner-Kiewit Joint Venture
135 West Central Blvd., Suite 950
Orlando, FL 32801

**RE: NOTICE TO PROCEED
BP-S00192, South Terminal C, Phase 1 – LSC Overhead Roadway
Signage (GMP#5-S.7) via Addendum 30 under Construction
Management at Risk Entity Services for the South Airport Terminal C,
Phase 1 Agreement, Orlando International Airport**

Dear Mr. LaMorte:

Effective **April 2, 2021**, you are hereby authorized to proceed with the above-referenced services.

Sincerely,

A handwritten signature in cursive script that reads "Davin D. Ruohomaki".

Davin Ruohomaki, MBA, CGC
Senior Director, Engineering and Construction

DR:kea

cc: Project File
Contract File

ADDENDUM #30
BP-S00192, SOUTH TERMINAL C, PHASE 1 –LSC OVERHEAD ROADWAY
SIGNAGE (GMP#5-S.7)

This Addendum is made and entered into this 2nd day of April, 2021, by and between **the Greater Orlando Aviation Authority** (“Owner”) and **Turner-Kiewit Joint Venture** (“CM@R”).

WHEREAS, by Agreement dated January 11, 2017, the Owner and the CM@R entered into an agreement for Construction Management at Risk Services for the South Airport Terminal C, Phase 1 (“Program”); and

WHEREAS, the parties desire to enter into this Addendum for services described in BP-S00192, South Terminal C, Phase 1 – LSC Overhead Roadway Signage (GMP#5-S.7) as more fully described below.

NOW, THEREFORE, in consideration of the premises and the mutual covenants herein contained, the Owner and the CM@R do hereby agree as follows:

ARTICLE 1

SCOPE OF WORK

1.1 The scope of the work for this Addendum is for the services described in BP-S00192, South Terminal C, Phase 1 – LSC Overhead Roadway Signage (GMP#5-S.7) which is attached as Exhibit A and incorporated herein.

ARTICLE 2

COMPENSATION

2.1 Upon the issuance of the Notice to Proceed, the CM@R shall be entitled to compensation in accordance with the contract terms and conditions up to the Guaranteed Maximum Price (GMP) amount of \$3,066,530.00 in accordance with the terms and level of effort set forth in Exhibit A”.

ARTICLE 3

MISCELLANEOUS

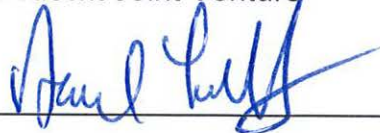
3.1 The Consent of Surety to increase the penal sum of the bonds is attached as Exhibit B.

3.2 Except as expressly modified herein, the terms and conditions of the Agreement remain unchanged. In the event of a conflict between the terms of this Addendum and those of the Agreement, the terms of this Addendum shall prevail and control.

IN WITNESS WHEREOF, the parties hereto have executed this Addendum the day and year first written above.

CMAR

Turner-Kiewit Joint Venture

By: 

Print Name: Daniel LaMorte


Title: Vice President and General Manager

OWNER

Greater Orlando Aviation Authority

By: 

Mr. Phillip N. Brown, A.A.E., Chief Executive Officer

Approved as to Form and Legality (for the benefit of GOAA only)
this 30th day of March, 2021
By: 
NELSON MULLINS BROAD AND CASSEL
Legal Counsel
Greater Orlando Aviation Authority

INCREASE / RIDER 29

TURNER BOND NUMBERS: Liberty Bond No.: 015055170; Travelers Bond No.: 106646473; F&D/Zurich Bond No.: 9247702; Federal Bond No.: 8245-16-65; Continental Bond No.: 30001393; BH Bond No.: 47-SUR-300033-01-0097

KIEWIT BOND NUMBER: Travelers Bond No.: 106674142

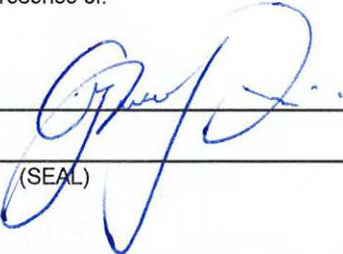
SOUTH AIRPORT TERMINAL C, PHASE 1
CONSENT OF SURETY TO INCREASE THE PENAL SUM OF THE BONDS

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned, TURNER-KIEWIT JOINT VENTURE, as Principal, and LIBERTY MUTUAL INSURANCE COMPANY, TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, FIDELITY AND DEPOSIT COMPANY OF MARYLAND, ZURICH AMERICAN INSURANCE COMPANY, FEDERAL INSURANCE COMPANY, THE CONTINENTAL INSURANCE COMPANY AND BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY, as Surety, hereby acknowledge that the Payment and Performance Bonds, dated effective June 15, 2017, that were executed by the Principal and Surety and submitted to the GREATER ORLANDO AVIATION AUTHORITY remain in effect and the Cumulative Contract Value is hereby increased to reflect the execution of **Amendment 3 to Addendum 19, Amendment 2 to Addendum 24, Amendment 4 to Addendum 20 and Addendum 30** which are hereby referenced and incorporated into the Bonds, and, therefore, the Penal Sum for each Bond is hereby increased to **ONE BILLION THREE HUNDRED SIXTY-THREE MILLION NINE HUNDRED SIXTY-FIVE THOUSAND NINE HUNDRED THIRTY-EIGHT AND 94/100 DOLLARS (\$1,363,965,938.94)**. All other terms of the Bonds shall remain unchanged.


SIGNED THIS 13th DAY OF March, 2021.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, on the date set forth above.

Signed, sealed and delivered
in the presence of:



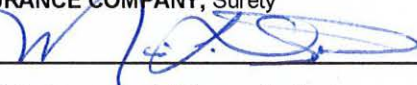
(SEAL)

TURNER-KIEWIT JOINT VENTURE, Principal
By: 

Daniel R. LaMorte, VP and General Manager
Name and Title



Krista A. Burke, Surety Analyst

LIBERTY MUTUAL INSURANCE COMPANY, TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, FIDELITY AND DEPOSIT COMPANY OF MARYLAND, ZURICH AMERICAN INSURANCE COMPANY, FEDERAL INSURANCE COMPANY, THE CONTINENTAL INSURANCE COMPANY AND BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY, Surety
By: 

Maria L. Spadacini, Attorney-In-Fact
Name and Title
Turner Surety and Insurance Brokerage, Inc.
Agency
250 Pehle Avenue, Suite 311, Saddle Brook, NJ 07663
Address
Florida License #W0270019

(SEAL)

NA
(Countersignature by a Florida Licensed Agent)

Name and Title

Agency

Address

NOTE: The respective corporate seals should be affixed. Additionally, a certified copy of a Power-of-Attorney appointing the individual Attorney-in-Fact for the Surety, as well as the Power-of-Attorney appointing the Florida licensed agent, should be attached.

ACKNOWLEDGMENT

STATE OF Florida
COUNTY OF Orange

On this 23rd day of March, 2021, before
me personally appeared Daniel LaMorte to me
known, who by me being duly sworn, did depose and say: that he is a
member or manager of the joint venture
Turner Kiewit and that he is authorized to
execute the attached surety bond in the name of and for the joint venture above
named, and that he acknowledged to me that he signed the attached
instrument pursuant to such authority.

Notary Public

My commission expires: _____



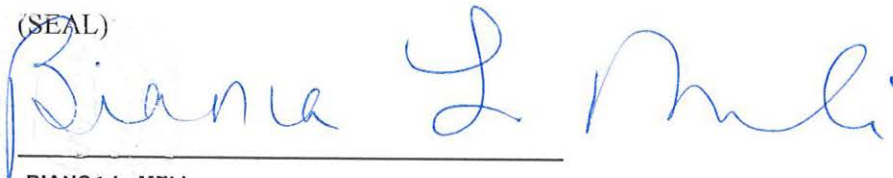
CORPORATE ACKNOWLEDGMENT

Form 152

STATE OF NEW JERSEY
COUNTY OF BERGEN

On this 13th day of MARCH, 2021 before me personally came Maria L. Spadaccini to me known, who, being by me duly sworn, did depose and say that she/he resides in Hawthorne, New Jersey that she/he is the ATTORNEY IN FACT of the LIBERTY MUTUAL INSURANCE COMPANY, TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, FIDELITY AND DEPOSIT COMPANY OF MARYLAND, ZURICH AMERICAN INSURANCE COMPANY, FEDERAL INSURANCE COMPANY, THE CONTINENTAL INSURANCE COMPANY, BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY, the corporation described in and which executed the above instrument that she/he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation, and that she/he signed her/his name thereto by like order.

(SEAL)



BIANCA L. MELI

NOTARY PUBLIC, STATE OF NEW JERSEY
MY COMMISSION EXPIRES

SEPTEMBER 30, 2024



LIBERTY MUTUAL INSURANCE COMPANY
FINANCIAL STATEMENT — DECEMBER 31, 2019

Assets		Liabilities	
Cash and Bank Deposits.....	\$778,754,989	Unearned Premiums.....	\$8,007,146,482
*Bonds — U.S Government.....	2,780,808,610	Reserve for Claims and Claims Expense	21,532,853,787
*Other Bonds.....	12,645,608,792	Funds Held Under Reinsurance Treaties.....	507,868,920
*Stocks	16,385,435,431	Reserve for Dividends to Policyholders.....	1,143,826
Real Estate.....	235,608,378	Additional Statutory Reserve	125,722,000
Agents' Balances or Uncollected Premiums.....	6,217,983,641	Reserve for Commissions, Taxes and	
Accrued Interest and Rents.....	102,273,390	Other Liabilities	4,117,460,075
Other Admitted Assets.....	11,957,106,292	Total	\$34,292,195,090
Total Admitted Assets	<u>\$51,103,579,523</u>	Special Surplus Funds.....	\$32,768,443
		Capital Stock.....	10,000,075
		Paid in Surplus	10,044,978,933
		Unassigned Surplus.....	6,723,636,983
		Surplus to Policyholders.....	16,811,384,434
		Total Liabilities and Surplus.....	<u>\$51,103,579,524</u>



* Bonds are stated at amortized or investment value; Stocks at Association Market Values.
The foregoing financial information is taken from Liberty Mutual Insurance Company's financial statement filed with the state of Massachusetts Department of Insurance.

I, TIM MIKOLAJEWSKI, Assistant Secretary of Liberty Mutual Insurance Company, do hereby certify that the foregoing is a true, and correct statement of the Assets and Liabilities of said Corporation, as of December 31, 2019, to the best of my knowledge and belief.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Corporation at Seattle, Washington, this 27th day of March, 2020.

TAMIKOLAJEWSKI

Assistant Secretary



This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No: 8204080-974450

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Charo J. Rosemond; Elliott W. Wolfe; James Baldassare Jr.; John F. Surano; Krista A. Burke; Lisa M. Scavetta; Maria L. Spadaccini; Nicholas F. Walsh; Sherryanne M. DePirro

all of the city of Saddle Brook state of NJ each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 3rd day of August, 2020.



Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

By: [Signature]
David M. Carey, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

State of PENNSYLVANIA
County of MONTGOMERY ss

On this 3rd day of August, 2020 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Upper Merion Twp., Montgomery County
My Commission Expires March 28, 2021
Member, Pennsylvania Association of Notaries

By: [Signature]
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV - OFFICERS: Section 12. Power of Attorney.

Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 13th day of March 2021



By: [Signature]
Renee C. Llewellyn, Assistant Secretary

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

LIBERTY MUTUAL INSURANCE COMPANY

Is hereby authorized to transact
insurance in the State of Florida.

This certificate signifies that the company
has satisfied all requirements of the
Florida Insurance Code for the issuance
of a license and remains subject to
all applicable laws of Florida.

Date of Issuance: October 11, 1918
No. 91-04-1543470



**Florida
Department
of Insurance**



Tom Gallagher
Treasurer and Insurance Commissioner

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA

HARTFORD, CONNECTICUT 06183

FINANCIAL STATEMENT AS OF DECEMBER 31, 2019

CAPITAL STOCK \$ 6,480,000

ASSETS		LIABILITIES & SURPLUS	
CASH AND INVESTED CASH	\$ 90,238,215	UNEARNED PREMIUMS	\$ 1,079,715,557
BONDS	3,590,884,327	LOSSES	772,047,572
STOCKS	297,933,044	LOSS ADJUSTMENT EXPENSES	174,714,866
INVESTMENT INCOME DUE AND ACCRUED	37,250,410	COMMISSIONS	48,970,467
OTHER INVESTED ASSETS	3,986,514	TAXES, LICENSES AND FEES	14,728,588
PREMIUM BALANCES	263,364,263	OTHER EXPENSES	43,134,646
NET DEFERRED TAX ASSET	52,134,926	CURRENT FEDERAL AND FOREIGN INCOME TAXES	12,674,197
REINSURANCE RECOVERABLE	31,203,529	REMITTANCES AND ITEMS NOT ALLOCATED	17,964,746
SECURITIES LENDING REINVESTED COLLATERAL ASSETS	3,732,602	AMOUNTS WITHHELD / RETAINED BY COMPANY FOR OTHERS	26,565,278
RECEIVABLES FROM PARENT, SUBSIDIARIES AND AFFILIATES	11,831,826	RETROACTIVE REINSURANCE RESERVE ASSUMED	826,255
ASSUMED REINSURANCE RECEIVABLE AND PAYABLE	567,396	POLICYHOLDER DIVIDENDS	11,482,845
OTHER ASSETS	3,574,988	PROVISION FOR REINSURANCE	9,837,205
		ADVANCE PREMIUM	2,140,883
		PAYABLE FOR SECURITIES LENDING	3,732,602
		CEDED REINSURANCE NET PREMIUMS PAYABLE	48,059,812
		OTHER ACCRUED EXPENSES AND LIABILITIES	421,937
		TOTAL LIABILITIES	\$ 2,263,017,456
		CAPITAL STOCK	\$ 6,480,000
		PAID IN SURPLUS	433,803,760
		OTHER SURPLUS	1,683,400,804
		TOTAL SURPLUS TO POLICYHOLDERS	\$ 2,123,684,564
TOTAL ASSETS	\$ 4,386,702,020	TOTAL LIABILITIES & SURPLUS	\$ 4,386,702,020

STATE OF CONNECTICUT)
 COUNTY OF HARTFORD) SS.
 CITY OF HARTFORD)

MICHAEL J. DOODY, BEING DULY SWORN, SAYS THAT HE IS VICE PRESIDENT - FINANCE, OF TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, AND THAT TO THE BEST OF HIS KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT STATEMENT OF THE FINANCIAL CONDITION OF SAID COMPANY AS OF THE 31ST DAY OF DECEMBER, 2019.

Michael J. Doody
 VICE PRESIDENT - FINANCE

Susan M. Weissleder
 NOTARY PUBLIC

SUBSCRIBED AND SWORN TO BEFORE ME THIS
 26TH DAY OF MARCH, 2020

SUSAN M. WEISSLEDER
 Notary Public
 My Commission Expires November 30, 2022





**Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company**

POWER OF ATTORNEY

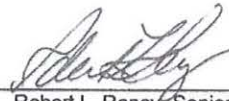
KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **Maria L. Spadaccini** of **SADDLE BROOK New Jersey**, their true and lawful Attorney-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **17th** day of **January**, 2019.



State of Connecticut

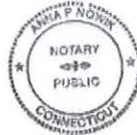
City of Hartford ss.

By: 
Robert L. Raney, Senior Vice President

On this the **17th** day of **January**, 2019, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June**, 2021




Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **13th** day of **March**, 2021.




Kevin E. Hughes, Assistant Secretary

**To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney-in-Fact and the details of the bond to which this Power of Attorney is attached.**

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA

**Is hereby authorized to transact
insurance in the State of Florida.**

**This certificate signifies that the company
has satisfied all requirements of the
Florida Insurance Code for the issuance
of a license and remains subject to
all applicable laws of Florida.**

**Date of Issuance: October 23, 1985
No. 97-06-0907370**



Bill Nelson

**Bill Nelson
Treasurer and Insurance Commissioner**



**State of Florida
Department of Insurance
Tallahassee, Florida**

THE FIDELITY AND DEPOSIT COMPANY

OF MARYLAND

1299 Zurich Way Schaumburg, IL 60196

Statement of Financial Condition

As Of December 31, 2019

ASSETS

Bonds	\$ 255,279,821
Stocks	21,280,401
Cash and Short Term Investments	2,878,421
Reinsurance Recoverable	25,356,035
Federal Income Tax Recoverable	140,480
Other Accounts Receivable	20,383,843
TOTAL ADMITTED ASSETS	<u>\$ 325,319,001</u>

LIABILITIES, SURPLUS AND OTHER FUNDS

Reserve for Taxes and Expenses	\$ 795,381
Ceded Reinsurance Premiums Payable	43,024,327
Remittances and Items Unallocated	0
Payable to parents, subs and affiliates	0
Securities Lending Collateral Liability	0
TOTAL LIABILITIES	<u>\$ 43,819,708</u>
Capital Stock, Paid Up	\$ 5,000,000
Surplus	276,499,293
Surplus as regards Policyholders	281,499,293
TOTAL	<u>\$ 325,319,001</u>

Securities carried at \$164,223,431 in the above statement are deposited with various states as required by law.

Securities carried on the basis prescribed by the National Association of Insurance Commissioners. On the basis of market quotations for all bonds and stocks owned, the Company's total admitted assets at December 31, 2019 would be \$322,248,132 and surplus as regards policyholders \$288,428,424.

I, LAURA J. LAZARCZYK, Corporate Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing statement is a correct exhibit of the assets and liabilities of the said Company on the 31st day of December, 2019.

Laura J. Lazarczyk

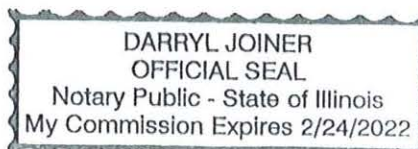
Corporate Secretary

State of Illinois }
City of Schaumburg } SS:

Subscribed and sworn to, before me, a Notary Public of the State of Illinois, in the City of Schaumburg, this 25th day of February, 2020.

Darryl Joiner

Notary Public



ZURICH AMERICAN INSURANCE COMPANY
COMPARATIVE BALANCE SHEET
4 WORLD TRADE CENTER, 150 GREENWICH STREET, NEW YORK, NY 10007
As of December 31, 2019 and December 31, 2018

<u>Assets</u>	12/31/2019	12/31/2018
Bonds	\$ 16,780,375,969	\$ 17,540,109,648
Preferred Stock	-	-
Common Stock	3,121,559,258	3,132,639,174
Real Estate	1,273,640,596	1,373,151,270
Other Invested Assets	1,185,313,467	1,113,225,492
Derivatives	21,358	642,656
Short-term Investments	14,532,665	24,895,313
Receivable for securities	114,199,089	75,504,004
Cash and cash equivalents	42,548,382	(38,621,060)
Securities lending reinvested collateral assets	55,769,285	47,379,583
Employee Trust for Deferred Compensation Plan	129,612,266	142,053,861
Total Cash and Invested Assets	\$ 22,717,572,333	\$ 23,410,979,940
Premiums Receivable	\$ 4,775,851,073	\$ 4,800,865,144
Funds Held with Reinsurers	97,862	371,693
Reinsurance Recoverable	1,497,744,413	1,298,188,705
Accrued Investment Income	127,170,427	126,363,306
Federal Income Tax Recoverable	565,755,651	503,312,859
Due from Affiliates	204,233,875	205,170,893
Other Assets	527,556,278	602,852,006
Total Assets	\$ 30,415,981,911	\$ 30,948,104,546
<u>Liabilities and Policyholders' Surplus</u>		
Liabilities:		
Loss and LAE Reserves	\$ 12,626,869,059	\$ 13,849,911,195
Unearned Premium Reserve	3,845,794,904	3,819,936,876
Funds Held with Reinsurers	385,953,985	559,639,569
Loss In Course of Payment	1,442,194,686	959,528,132
Commission Reserve	124,215,143	120,056,749
Federal Income Tax Payable	-	-
Remittances and Items Unallocated	147,106,142	19,668,701
Payable to parent, subs and affiliates	294,896,500	106,578,289
Provision for Reinsurance	110,765,261	213,799,231
Ceded Reinsurance Premiums Payable	1,821,418,177	1,939,296,998
Securities Lending Collateral Liability	55,769,285	47,379,583
Other Liabilities	1,887,566,082	2,136,803,941
Total Liabilities	\$ 22,742,549,225	\$ 23,772,599,265
Policyholders' Surplus:		
Common Capital Stock	\$ 5,000,000	\$ 5,000,000
Paid-In and Contributed Surplus	4,394,131,321	4,394,131,321
Surplus Notes	-	-
Special Surplus Funds	2,910,000	5,106,000
Cumulative Unrealized Gain	118,847,749	52,396,417
Unassigned Surplus	3,152,543,616	2,718,871,543
Total Policyholders' Surplus	\$ 7,673,432,686	\$ 7,175,505,281
Total Liabilities and Policyholders' Surplus	\$ 30,415,981,911	\$ 30,948,104,546

I, LAURA J. LAZARCZYK, Corporate Secretary of ZURICH AMERICAN INSURANCE COMPANY do hereby certify that the foregoing statement is a correct exhibit of the assets and liabilities of the said Company, on the 31st day of December, 2019, according to the best of my information, knowledge and belief.



 Corporate Secretary

State of Illinois
 County of Cook

} SS:

Subscribed and sworn to, before me, a Notary Public of the State of Illinois, in the City of Schaumburg, this 25th day of February, 2020.





 Notary public

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Illinois, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Illinois (herein collectively called the "Companies"), by **Robert D. Murray**, Vice President, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint, **Krista A. BURKE, Charo J. ROSEMOND, Maria L. SPADACCINI, Sherryanne M. DEPIRRO, Nicholas F. WALSH, Lisa M. SCAVETTA, Elliott W. WOLFFE, James BALDASSARE, JR. And John F. SURANO**, of Saddle Brook, New Jersey, its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: any and all bonds and undertakings, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York, the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland, and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland, in their own proper persons. The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 28th day of July A.D. 2020.



ATTEST:
ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND

By: *Robert D. Murray*
Vice President

By: *Dawn E. Brown*
Secretary

**State of Maryland
County of Baltimore**

On this 28th day of July, 2020, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Robert D. Murray, Vice President and Dawn E. Brown, Secretary** of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, depose and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.



Constance A. Dunn, Notary Public
My Commission Expires: July 9, 2023

EXTRACT FROM BY-LAWS OF THE COMPANIES

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify or revoke any such appointment or authority at any time."

CERTIFICATE

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 13th day of MARCH, 2021



Brian M. Hodges, Vice President

TO REPORT A CLAIM WITH REGARD TO A SURETY BOND, PLEASE SUBMIT A COMPLETE DESCRIPTION OF THE CLAIM INCLUDING THE PRINCIPAL ON THE BOND, THE BOND NUMBER, AND YOUR CONTACT INFORMATION TO:

Zurich Surety Claims
1299 Zurich Way
Schaumburg, IL 60196-1056
www.reportsfclaims@zurichna.com
800-626-4577



Florida
Department
of Insurance

FIDELITY AND DEPOSIT COMPANY OF MARYLAND

Is hereby authorized to transact
insurance in the State of Florida.

This certificate signifies that the company
has satisfied all requirements of the
Florida Insurance Code for the issuance
of a license and remains subject to
all applicable laws of Florida.

Date of Issuance: September 1, 1991
No. 91-13-3046577



Tom Gallagher
Treasurer and Insurance Commissioner

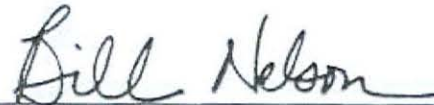
ZURICH AMERICAN INSURANCE COMPANY

is hereby authorized to transact
insurance in the state of Florida.

This certificate signifies that the company
has satisfied all requirements of the
Florida Insurance Code for the issuance
of a license and remains subject to
all applicable laws of Florida.

Date of Issuance: August 01, 1924

No. 99-36-4233459



Bill Nelson
Treasurer and Insurance Commissioner



Florida
Department
of Insurance

FEDERAL INSURANCE COMPANY
STATEMENT OF ASSETS, LIABILITIES AND SURPLUS TO POLICYHOLDERS

Statutory Basis

December 31, 2019

(in thousands)

ASSETS		LIABILITIES AND SURPLUS TO POLICYHOLDERS	
Cash and Short Term Investments	\$ (429,780)	Outstanding Losses and Loss Expenses	\$ 6,823,691
United States Government, State and Municipal Bonds	4,559,706	Reinsurance Payable on Losses and Expenses	1,433,250
Other Bonds	5,314,219	Unearned Premiums	2,014,727
Stocks	32,735	Ceded Reinsurance Premiums Payable	353,115
Other Invested Assets	<u>1,029,733</u>	Other Liabilities	<u>849,544</u>
TOTAL INVESTMENTS	<u>10,506,613</u>	TOTAL LIABILITIES	<u>11,474,327</u>
 Investments in Affiliates:		Capital Stock	20,980
Great Northern Ins. Co.	395,442	Paid-In Surplus	2,711,474
Vigilant Ins. Co.	341,290	Unassigned Funds	<u>1,306,881</u>
Chubb Indemnity Ins. Co.	178,808	 SURPLUS TO POLICYHOLDERS	 <u>4,039,335</u>
Chubb National Ins. Co.	181,053		
Other Affiliates	97,150		
Premiums Receivable	1,511,096		
Other Assets	<u>2,302,210</u>		
 TOTAL ADMITTED ASSETS	 <u>\$ 15,513,662</u>	 TOTAL LIABILITIES AND SURPLUS	 <u>\$ 15,513,662</u>

Investments are valued in accordance with requirements of the National Association of Insurance Commissioners, At December 31, 2019, investments with a carrying value of \$508,749,121 were deposited with government authorities as required by law.

STATE OF PENNSYLVANIA

COUNTY OF PHILADELPHIA

John Taylor, being duly sworn, says that he is Senior Vice President of Federal Insurance Company and that to the best of his knowledge and belief the foregoing is a true and correct statement of the said Company's financial condition as of the 31 st day of December, 2019.

Sworn before me this April 14, 2020

John Taylor

Senior Vice President

Diane Wright
Notary Public

August 8, 2023
My commission expires

Commonwealth of Pennsylvania - Notary Seal
 Diane Wright, Notary Public
 Philadelphia County
 My commission expires August 8, 2023
 Commission number 1235745
 Member, Pennsylvania Association of Notaries



Power of Attorney

Federal Insurance Company | Vigilant Insurance Company | Pacific Indemnity Company
Westchester Fire Insurance Company | ACE American Insurance Company

Know All by These Presents, that FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY corporations of the Commonwealth of Pennsylvania, do each hereby constitute and appoint James Baldassare Jr., Krista A. Burke, Sherryanne M. DePirro, Charo J. Rosemond, Lisa M. Scavetta, Maria L. Spadaccini, John F. Surano, Nicholas F. Walsh and Elliott W. Wolffe of Saddle Brook, New Jersey

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY have each executed and attested these presents and affixed their corporate seals on this 29th day of July, 2020.

Dawn M. Chloros

Dawn M. Chloros, Assistant Secretary

Stephen M. Haney

Stephen M. Haney, Vice President



STATE OF NEW JERSEY
County of Hunterdon

ss.

On this 29th day of July, 2020 before me, a Notary Public of New Jersey, personally came Dawn M. Chloros and Stephen M. Haney, to me known to be Assistant Secretary and Vice President, respectively, of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY, the companies which executed the foregoing Power of Attorney, and the said Dawn M. Chloros and Stephen M. Haney, being by me duly sworn, severally and each for herself and himself did depose and say that they are Assistant Secretary and Vice President, respectively, of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY and know the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of said Companies; and that their signatures as such officers were duly affixed and subscribed by like authority.

Notarial Seal



KATHERINE J. ADELAAR
NOTARY PUBLIC OF NEW JERSEY
No. 2316685
Commission Expires July 16, 2024

[Signature of Katherine J. Adelaar]

Notary Public

CERTIFICATION

Resolutions adopted by the Boards of Directors of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY on August 30, 2016; WESTCHESTER FIRE INSURANCE COMPANY on December 11, 2006; and ACE AMERICAN INSURANCE COMPANY on March 20, 2009:

"RESOLVED, that the following authorizations relate to the execution, for and on behalf of the Company, of bonds, undertakings, recognizances, contracts and other written commitments of the Company entered into in the ordinary course of business (each a "Written Commitment"):

- (1) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise.
(2) Each duly appointed attorney-in-fact of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise, to the extent that such action is authorized by the grant of powers provided for in such person's written appointment as such attorney-in-fact.
(3) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to appoint in writing any person the attorney-in-fact of the Company with full power and authority to execute, for and on behalf of the Company, under the seal of the Company or otherwise, such Written Commitments of the Company as may be specified in such written appointment, which specification may be by general type or class of Written Commitments or by specification of one or more particular Written Commitments.
(4) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to delegate in writing to any other officer of the Company the authority to execute, for and on behalf of the Company, under the Company's seal or otherwise, such Written Commitments of the Company as are specified in such written delegation, which specification may be by general type or class of Written Commitments or by specification of one or more particular Written Commitments.
(5) The signature of any officer or other person executing any Written Commitment or appointment or delegation pursuant to this Resolution, and the seal of the Company, may be affixed by facsimile on such Written Commitment or written appointment or delegation.

FURTHER RESOLVED, that the foregoing Resolution shall not be deemed to be an exclusive statement of the powers and authority of officers, employees and other persons to act for and on behalf of the Company, and such Resolution shall not limit or otherwise affect the exercise of any such power or authority otherwise validly granted or vested."

I, Dawn M. Chloros, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY (the "Companies") do hereby certify that

- (i) the foregoing Resolutions adopted by the Board of Directors of the Companies are true, correct and in full force and effect,
(ii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Whitehouse Station, NJ, this 13th day of March, 2021



Dawn M. Chloros

Dawn M. Chloros, Assistant Secretary

IN THE EVENT YOU WISH TO VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT:

Telephone (908) 903-3493 Fax (908) 903-3656 e-mail: surety@chubb.com



**Florida
Department
of Insurance**

FEDERAL INSURANCE COMPANY

**Is hereby authorized to transact
insurance in the State of Florida.**

**This certificate signifies that the company
has satisfied all requirements of the
Florida Insurance Code for the issuance
of a license and remains subject to
all applicable laws of Florida.**

**Date of Issuance: May 1, 1920
No. 91-13-1963496**

A handwritten signature in cursive script that reads "Tom Gallagher".

**Tom Gallagher
Treasurer and Insurance Commissioner**

THE CONTINENTAL INSURANCE COMPANY
Radnor, Pennsylvania
Statement of Net Admitted Assets and Liabilities
December 31, 2019

ASSETS

Bonds	\$	1,481,607,790
Stocks		149,068,820
Cash and short-term investments		46,365,488
Receivables for securities		5,096
Investment income due and accrued		17,241,033
Amounts recoverable from reinsurers		69,267,722
Funds held by or deposited with reinsured companies		1,510,746
Current federal and foreign income tax recoverable and interest thereon		27
Net deferred tax asset		45,370,451
Premiums and considerations		37,682,138
Other assets		5,084,554
Total Assets	\$	1,853,203,866

LIABILITIES AND SURPLUS

Losses	\$	695,841,667
Loss adjustment expense		35,324,809
Unearned premiums		-
Other expenses		-
Ceded reinsurance premiums payable (net of ceding commissions)		39,039,533
Funds held by company under reinsurance treaties		2,271,425
Provision for reinsurance		46,000,000
Other liabilities		(650,201,839)
Total Liabilities	\$	168,275,595

Surplus Account:

Capital paid up	\$	53,566,360
Gross paid in and contributed surplus		1,423,436,994
Special Surplus		380,695,800
Unassigned funds		(172,770,883)
Surplus as regards policyholders	\$	1,684,928,271
Total Liabilities and Capital	\$	1,853,203,866

I, Amy Smith, Senior Vice President of Continental Insurance Company hereby certify that the above is an accurate representation of the financial statement of the Company dated December 31, 2019, as filed with the various Insurance Departments and is a true and correct statement of the condition of Continental Insurance Company as of that date.

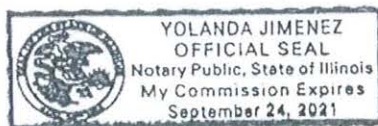


THE CONTINENTAL INSURANCE COMPANY

By Amy Smith
Senior Vice President

Subscribed and sworn to me this 11th day of March, 2020.

My commission expires:



By Yolanda Jimenez
Notary Public

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That The Continental Insurance Company, a Pennsylvania insurance company, is a duly organized and existing insurance company having its principal office in the City of Chicago, and State of Illinois, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Elliott W Wolffe, Maria L Spadaccini, James Baldassare Jr, Sherryanne M DePirro, Nicholas F Walsh, Lisa M Scavetta, Krista A Burke, Charo J Rosemond, John F Surano, Individually

of Saddle Brook, NJ, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the insurance company and all the acts of said Attorney, pursuant to the authority hereby given is hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Board of Directors of the insurance company.

In Witness Whereof, The Continental Insurance Company has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 19th day of August, 2020.



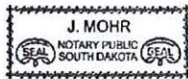
The Continental Insurance Company

Paul T. Bruflat

Paul T. Bruflat Vice President

State of South Dakota, County of Minnehaha, ss:

On this 19th day of August, 2020, before me personally came Paul T. Bruflat to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of The Continental Insurance Company, a Pennsylvania insurance company, described in and which executed the above instrument; that he knows the seal of said insurance company; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said insurance company and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said insurance company.



My Commission Expires June 23, 2021

J. Mohr

J. Mohr Notary Public

CERTIFICATE

I, D. Johnson, Assistant Secretary of The Continental Insurance Company, a Pennsylvania insurance company, do hereby certify that the Power of Attorney herein above set forth is still in force, and further certify that the By-Law and Resolution of the Board of Directors of the insurance company printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said insurance company this *13th* day of *March*, 2021



The Continental Insurance Company

D. Johnson

D. Johnson Assistant Secretary

Form F6850-4/2012

Authorizing By-Laws and Resolutions

ADOPTED BY THE BOARD OF DIRECTORS OF THE CONTINENTAL INSURANCE COMPANY:

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the Board of Directors of the Company at a meeting held on May 10, 1995.

“RESOLVED: That any Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Group Vice President to the Secretary of the Company prior to such execution becoming effective.

This Power of Attorney is signed by Paul T. Brufat, Vice President, who has been authorized pursuant to the above resolution to execution power of attorneys on behalf of The Continental Insurance Company.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25th day of April, 2012.

“Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the “Authorized Officers”) to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, “Electronic Signatures”), Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company.”



**Florida
Department
of Insurance**

CONTINENTAL INSURANCE COMPANY

**Is hereby authorized to transact
insurance in the State of Florida.**

**This certificate signifies that the company
has satisfied all requirements of the
Florida Insurance Code for the issuance
of a license and remains subject to
all applicable laws of Florida.**

**Date of Issuance: September 15, 1915
No. 91-13-5010440**

A handwritten signature in cursive script that reads "Tom Gallagher".

**Tom Gallagher
Treasurer and Insurance Commissioner**

BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY

1314 Douglas Street, Suite 1400, Omaha, Nebraska 68102-1944

ADMITTED ASSETS *

	<u>12/31/2019</u>	<u>12/31/2018</u>	<u>12/31/2017</u>
Total invested assets	\$ 5,172,183,338	\$ 4,313,185,189	\$ 4,516,104,907
Premium & agent balances (n	368,086,012	301,849,144	297,141,264
All other assets	127,524,677	140,930,406	137,220,394
Admitted Assets	<u>\$ 5,667,794,027</u>	<u>\$ 4,755,964,739</u>	<u>\$ 4,950,466,565</u>

LIABILITIES & SURPLUS*

	<u>12/31/2019</u>	<u>12/31/2018</u>	<u>12/31/2017</u>
Loss & loss exp. unpaid	\$ 634,745,558	\$ 463,103,223	\$ 327,823,391
Unearned premiums	314,117,549	241,835,588	209,113,536
All other liabilities	744,738,458	570,628,148	663,892,150
Total Liabilities	<u>1,693,601,565</u>	<u>1,275,566,959</u>	<u>1,200,829,077</u>
Total Policyholders' Surplus	<u>3,974,192,463</u>	<u>3,480,397,780</u>	<u>3,749,637,488</u>
Total Liabilities & Surplus	<u>\$ 5,667,794,028</u>	<u>\$ 4,755,964,739</u>	<u>\$ 4,950,466,565</u>

* Assets, liabilities and surplus are presented on a Statutory Accounting Basis as promulgated by the NAIC and/or the laws of the company's domiciliary state.

Power Of Attorney

**BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY
NATIONAL INDEMNITY COMPANY / NATIONAL LIABILITY & FIRE INSURANCE COMPANY**

Know all men by these presents, that **BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY**, a corporation existing under and by virtue of the laws of the State of Nebraska and having an office at One Lincoln Street, 23rd Floor, Boston, Massachusetts 02111, **NATIONAL INDEMNITY COMPANY**, a corporation existing under and by virtue of the laws of the State of Nebraska and having an office at 3024 Harney Street, Omaha, Nebraska 68131 and **NATIONAL LIABILITY & FIRE INSURANCE COMPANY**, a corporation existing under and by virtue of the laws of the State of Connecticut and having an office at 100 First Stamford Place, Stamford, Connecticut 06902 (hereinafter collectively the "Companies"), pursuant to and by the authority granted as set forth herein, do hereby name, constitute and appoint: Lisa M. Scavetta, Sherryanne M. DePirro, Maria L. Spadaccini, Nicholas F. Walsh, Elliott W. Wolfe, Andrew Waterbury, James Baldassare, Jr., Krista A. Burke, Charo J. Rosemond, John F. Surano, 250 Pehle Avenue, Suite 311 of the city of Saddle Brook, State of New Jersey, their true and lawful attorney(s)-in-fact to make, execute, seal, acknowledge, and deliver, for and on their behalf as surety and as their act and deed, any and all undertakings, bonds, or other such writings obligatory in the nature thereof, in pursuance of these presents, the execution of which shall be as binding upon the Companies as if it has been duly signed and executed by their regularly elected officers in their own proper persons. **This authority for the Attorney-in-Fact shall be limited to the execution of the attached bond(s) or other such writings obligatory in the nature thereof.**

In witness whereof, this Power of Attorney has been subscribed by an authorized officer of the Companies, and the corporate seals of the Companies have been affixed hereto this date of December 20, 2018. This Power of Attorney is made and executed pursuant to and by authority of the Bylaws, Resolutions of the Board of Directors, and other Authorizations of **BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY, NATIONAL INDEMNITY COMPANY** and **NATIONAL LIABILITY & FIRE INSURANCE COMPANY**, which are in full force and effect, each reading as appears on the back page of this Power of Attorney, respectively. **The following signature by an authorized officer of the Company may be a facsimile, which shall be deemed the equivalent of and constitute the written signature of such officer of the Company for all purposes regarding this Power of Attorney, including satisfaction of any signature requirements on any and all undertakings, bonds, or other such writings obligatory in the nature thereof, to which this Power of Attorney applies.**

**BERKSHIRE HATHAWAY SPECIALTY
INSURANCE COMPANY,**

By: _____
David Fields, Executive Vice President



**NATIONAL INDEMNITY COMPANY,
NATIONAL LIABILITY & FIRE INSURANCE COMPANY,**

By: _____
David Fields, Vice President

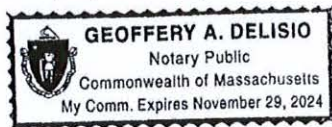


NOTARY

State of Massachusetts, County of Suffolk, ss:

On this 20th day of December, 2018, before me appeared David Fields, Executive Vice President of **BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY** and Vice President of **NATIONAL INDEMNITY COMPANY** and **NATIONAL LIABILITY & FIRE INSURANCE COMPANY**, who being duly sworn, says that his capacity is as designated above for such Companies; that he knows the corporate seals of the Companies; that the seals affixed to the foregoing instrument are such corporate seals; that they were affixed by order of the board of directors or other governing body of said Companies pursuant to its Bylaws, Resolutions and other Authorizations, and that he signed said instrument in that capacity of said Companies.

[Notary Seal]



Notary Public

I, Ralph Tortorella, the undersigned, Officer of **BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY, NATIONAL INDEMNITY COMPANY** and **NATIONAL LIABILITY & FIRE INSURANCE COMPANY**, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies which is in full force and effect and has not been revoked. **IN TESTIMONY WHEREOF**, see hereunto affixed the seals of said Companies this March 13, 2021.



Officer

To verify the authenticity of this Power of Attorney please contact us at: BHSI Surety Department, Berkshire Hathaway Specialty Insurance Company, One Lincoln Street, 23rd Floor Boston, MA 02111 | (770) 625-2516 or by email at jennifer.porter@bhspecialty.com THIS POWER OF ATTORNEY IS VOID IF ALTERED To notify us of a claim please contact us on our 24-hour toll free number at (855) 453-9675, via email at claimsnotice@bhspecialty.com, via fax to (617) 507-8259, or via mail.

BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY (BYLAWS)

ARTICLE V.

CORPORATE ACTIONS

....

EXECUTION OF DOCUMENTS:

....

Section 6.(b) The President, any Vice President or the Secretary, shall have the power and authority:

- (1) To appoint Attorneys-in-fact, and to authorize them to execute on behalf of the Company bonds and other undertakings, and
- (2) To remove at any time any such Attorney-in-fact and revoke the authority given him.

NATIONAL INDEMNITY COMPANY (BY-LAWS)

Section 4. Officers, Agents, and Employees:

A. The officers shall be a President, one or more Vice Presidents, a Secretary, one or more Assistant Secretaries, a Treasurer, and one or more Assistant Treasurers none of whom shall be required to be shareholders or Directors and each of whom shall be elected annually by the Board of Directors at each annual meeting to serve a term of office of one year or until a successor has been elected and qualified, may serve successive terms of office, may be removed from office at any time for or without cause by a vote of a majority of the Board of Directors, and shall have such powers and rights and be charged with such duties and obligations as usually are vested in and pertain to such office or as may be directed from time to time by the Board of Directors; and the Board of Directors or the officers may from time to time appoint, discharge, engage, or remove such agents and employees as may be appropriate, convenient, or necessary to the affairs and business of the corporation.

NATIONAL INDEMNITY COMPANY (BOARD RESOLUTION ADOPTED AUGUST 6, 2014)

RESOLVED, That the President, any Vice President or the Secretary, shall have the power and authority to (1) appoint Attorneys-in-fact, and to authorize them to execute on behalf of this Company bonds and other undertakings and (2) remove at any time any such Attorney-in-fact and revoke the authority given.

NATIONAL LIABILITY & FIRE INSURANCE COMPANY (BY-LAWS)

ARTICLE IV

Officers

Section 1. Officers, Agents and Employees:

A. The officers shall be a president, one or more vice presidents, one or more assistant vice presidents, a secretary, one or more assistant secretaries, a treasurer, and one or more assistant treasurers, none of whom shall be required to be shareholders or directors, and each of whom shall be elected annually by the board of directors at each annual meeting to serve a term of office of one year or until a successor has been elected and qualified, may serve successive terms of office, may be removed from office at any time for or without cause by a vote of a majority of the board of directors. The president and secretary shall be different individuals. Election or appointment of an officer or agent shall not create contract rights. The officers of the Corporation shall have such powers and rights and be charged with such duties and obligations as usually are vested in and pertain to such office or as may be directed from time to time by the board of directors; and the board of directors or the officers may from time to time appoint, discharge, engage, or remove such agents and employees as may be appropriate, convenient, or necessary to the affairs and business of the Corporation.

NATIONAL LIABILITY & FIRE INSURANCE COMPANY (BOARD RESOLUTION ADOPTED AUGUST 6, 2014)

RESOLVED, That the President, any Vice President or the Secretary, shall have the power and authority to (1) appoint Attorneys-in-fact, and to authorize them to execute on behalf of this Company bonds and other undertakings and (2) remove at any time any such Attorney-in-fact and revoke the authority given.

FLORIDA OFFICE OF INSURANCE REGULATION

BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY

Is hereby authorized to transact insurance in the State of Florida.

This certificate signifies that the company has satisfied all requirements of the Florida Insurance Code for the issuance of a PROPERTY AND CASUALTY INSURER CERTIFICATE OF AUTHORITY and remains subject to the laws of Florida.

Original Issuance: 02/12/1954

Replacement Issuance: Thursday, June 12, 2014

No. 14 - 630202590



Kevin M. McCarty
Commissioner
Office of Insurance Regulation



Subject to CFUC

GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

Memorandum

To: Members of the Construction Committee

From: Davin Ruohomaki, Senior Director of Planning, Engineering & Construction
(As prepared by Ross Spence, OAR)

Date: March 2, 2021

Re: Request for Recommendation of Approval of an Addendum to the Construction Management at Risk (CM@R) Entity Services for the South Terminal C, Phase 1 Agreement with Turner-Kiewit Joint Venture for BP-S00192, South Terminal C, Phase 1 – LSC Overhead Roadway Signage (GMP No. 5-S.7), at the Orlando International Airport

The attached Guaranteed Maximum Price (GMP) proposal from Turner-Kiewit Joint Venture includes the Landside Civil (LSC) Overhead Roadway Signage scope of work for the South Terminal C, Phase 1.

The CM@R contract provides for compensation to the CM@R as follows:

- **Direct Cost of the Work** is the actual cost for the subcontractor costs, direct labor, materials, and equipment required to construct the work.
- **General Conditions** expenses are limited by the Agreement to costs for personnel and general requirements required to support the direct cost of work.
- **CM@R Contingency** is the negotiated amount to be utilized for over-budget buyout of the work and for increases in the cost due to unforeseen circumstances relating to construction of the project, except when deemed the responsibility of the Owner in accordance with the Agreement.
- **Owner Contingency** is the amount, determined by the Owner, to be utilized by the Owner for items deemed the responsibility of the Owner in accordance with the Agreement.
- **Allowances** are estimated dollar amounts that are separately identified in a GMP for the purpose of encumbering funds to cover certain costs that are not completely defined when the GMP is approved, but may be necessary to complete the Project. An allowance means that the scope or cost is not fully known or additional review is needed to determine whether the item is reimbursable.
- **Fee** covers the CM@R's overhead, profit, and all other costs not reimbursable under the Agreement. For Turner-Kiewit Joint Venture, the CM@R Fee is 4.211%.

Turner-Kiewit Joint Venture proposes to provide the services for the following compensation:

Direct Cost of Work	\$2,100,698
General Conditions	\$208,650
Allowances	\$407,000
CM@R Contingency	\$135,817
Owner Contingency	\$67,909
Payment and Performance Bond (0.735%)	\$22,542
Fee (4.211%)	\$123,914
TOTAL GMP AMOUNT	\$3,066,530

Cost of contingencies and allowances will not be incurred until approved by the Authority's Construction Committee. Note that payment will be for the actual cost of the work and services performed in accordance with the CM@R Agreement. The total payments shall not exceed the Total GMP Amount.

The Substantial Completion is schedule for February 28, 2022.

The following Subcontract awards are recommended:

Subcontractor	Bid Scope	Award Value
Transportation Systems, Inc.	BP 10.1.0 Roadway Overhead Signage	\$2,084,000
Tierra, Inc.	Drilled Shaft Testing and Inspection	\$16,698

The proposed DBE/MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

Funding is from General Airport Revenue Bonds and FDOT of Construction Finance on 2/25/21 as correct and available. Funding source verified by DAM

It is respectfully requested that the Construction Committee recommend to the Authority Board approval of an Addendum to the Construction Management at Risk (CM@R) Entity Services Agreement for the South Terminal C, Phase 1 Complex with Turner-Kiewit Joint Venture for BP-S00192, South Terminal C, Phase 1 – LSC Overhead Roadway Signage (GMP No. 5-S7), at the Orlando International Airport, for the total negotiated GMP amount of **\$3,066,530** as detailed above.

Direct Cost of Work	\$2,100,698
General Conditions	\$208,650
Allowances	\$407,000
CM@R Contingency	\$135,817
Owner Contingency	\$67,909
Payment and Performance Bond (0.735%)	\$22,542
Fee (4.211%)	\$123,914
TOTAL GMP AMOUNT	\$3,066,530
Anser	LAQ
LEGAL	Conk



HANDOUT

**3/2/2021 CCM
Item 12**

OSBD Memo

MEMORANDUM

To: Members of the Construction Committee

From: George I. Morning, Director of Small Business Development

Date: March 02, 2021

Re: Request for Recommendation of Approval of an Addendum to the Construction Management at Risk (CM@R) Entity Services for the South Terminal C, Phase 1 Agreement with Turner-Kiewit Joint Venture for BP-S00192, South Terminal C, Phase 1 – LSC Overhead Roadway Signage (GMP No. 5-S.7), at the Orlando International Airport

Due to the funding source of this GMP 5-S.7, Turner-Kiewit Joint Venture proposed a 15% DBE participation goal for Construction Services, in lieu of MWBE and LDB participation goals. As such, Turner-Kiewit Joint Venture's committed MWBE and LDB Construction Services goals are not affected by this award.

Turner-Kiewit Joint Venture is committed to achieving 24% DBE participation on this GMP for Construction Services. The prime subcontractors for this award are the following:

Transportation Systems, Inc. (Non-DBE)

Tierra, Inc. (Non-DBE)

DBE UTILIZATION FORM FOR FEDERALLY FUNDED PROJECTS

PLEASE COMPLETE THIS FORM

This form should be used to report Construction and Engineering /Professional Services activities.

Name of Airport: Orlando International Airport

Telephone No: (407) 825-7130

Address: One Jeff Fuqua Boulevard, Orlando, FL 32827

Project Name & Number: Request for Recommendation of Approval of an Addendum to the Construction Management at Risk (CM@R) Entity Services for the South Terminal C, Phase 1 Agreement with Turner-Kiewit Joint Venture for BP-S00192, South Terminal C, Phase 1 – LSC Overhead Roadway Signage (GMP No. 5-S.7), at the Orlando International Airport

1. Construction Information:

TOTAL GMP AMOUNT: \$3,066,530.00

2. DBE Goal by Group Representation:

Asian Pacific American	-	Actual Result	
Asian Subcontinent American	-	Actual Result	
Black American	-	Actual Result	
Caucasian Female American	-	Actual Result	
Hispanic American	<u>724,800.00</u>	Actual Result	<u>24%</u>
Native American	-	Actual Result	
Other	-	Actual Result	
Total DBE Participation	<u>724,800.00</u>	Actual Result	<u>24%</u>

3.a. Prime Contractor Information:

Name: Turner-Kiewit Joint Venture
 Address: 11140 Canal Road
 City, State, Zip: Orlando, FL 32827
 Telephone: (305) 240-2210

3.b. Name and Address of DBE Subcontractor

Name: Please see attached
 Address: _____
 City, State, Zip: _____
 Telephone: _____

3.c. *Identity:

Work Item(s): _____
 Amount of Subcontract _____
 Percent of Prime Contract (%): _____

4. Engineering/Professional Services Information:

TOTAL GMP AMOUNT: _____

5. DBE Goal by Group Representation:

Asian Pacific American	_____	Actual Result	_____
Asian Subcontinent American	_____	Actual Result	_____
Black American	_____	Actual Result	_____
Caucasian Female American	_____	Actual Result	_____
Hispanic American	_____	Actual Result	_____
Native American	_____	Actual Result	_____
Other	_____	Actual Result	_____
Total DBE Participation	_____	Actual Result	_____

6.b. Engineering / Professional Service Firm Information:

Name: _____
 Address: _____
 City, State, Zip: _____
 Telephone: _____

6.b. Name and Address of DBE Subconsultant

Name: _____
 Address: _____
 City, State, Zip: _____
 Telephone: _____

6.c. *Identity:

Work Item(s): _____
 Amount of Subcontract _____
 Percent of Prime Contract (%): _____

I certify that the information included on this form and its attachment is correct
 Signature: _____ Date: 03/02/21
 for George I. Morning, Director of Small Business Development

* In Items 3.c. and 6.c. above specify the identity of DBE Subcontractors and E/PS Firms (e.g. Black American, Hispanic American, Asian Subcontinent American, Asian Pacific American, Caucasian Female American, Native American & Other)

DBE Subcontractor/Subconsultant Certification

Project Name & Number: Request for Recommendation of Approval of an Addendum to the Construction Management at Risk (CM@R) Entity Services for the South Terminal C, Phase 1 Agreement with Turner-Kiewit Joint Venture for BP-S00192, South Terminal C, Phase 1 – LSC Overhead Roadway Signage (GMP No. 5-S.7), at the Orlando International Airport

Prime Firm: Turner-Kiewit Joint Venture

TOTAL GMP AMOUNT: \$3,066,530.00

Company Name AC Signs, LLC
Address 11100 Astronaut Blvd., Suite 100
City, State, Zip Orlando, FL 32837
Phone 407-857-5564
Identity Hispanic American
Work Item F&i Roadway Signs (Sub of TSI)
Amount of Subcontract 450,000.00
Percentage 14.7%

Torres Electrical Supply Co., Inc.
3190 Dominica Terrace
Stuart, FL 34995
772-286-5049
Hispanic American
Material Supplier \$458,000 x 60% (Sub of TSI)
274,800.00
9.0%

Company Name _____
Address _____
City, State, Zip _____
Phone _____
Identity _____
Work Item _____
Amount of Subcontract _____
Percentage _____

Company Name _____
Address _____
City, State, Zip _____
Phone _____
Identity _____
Work Item _____
Amount of Subcontract _____
Percentage _____

Company Name _____
Address _____
City, State, Zip _____
Phone _____
Identity _____
Work Item _____
Amount of Subcontract _____
Percentage _____

\$724,800.00 24%
\$3,066,530.00

HANDOUT
3/2/2021 CCM
Item 12
Revised Backup



TERMINAL C



Departures



Arrivals



Valet



Bag Claim



ORLANDO INTERNATIONAL AIRPORT
South Airport Terminal C Phase 1
GMP 5-S.7 Proposal
BP-S00192

Overhead Roadway Signage

February 26, 2021 rev 1a

GOAA STC PHASE 1
GMP 5-S.7 Overhead Roadway Signage
BP-S00192



Schedule of Values

Report Date: 26 Feb 21 rev1a

#	Calculation	Bid Package	DESCRIPTION	Total GMP	% of GMP Estimate	Subcontractor	DBE
			Subcontracted Direct Work				
1		10.1.0	Roadway Overhead Signage	\$2,084,000	68.0%	Transportation Systems Inc.	\$724,800
2			Drilled Shaft Testing and Inspection	\$16,698	0.5%	Tierra Inc.	
3	=(1)+...+(2)	100.00%	SUBTOTAL	\$2,100,698	68.5%		\$724,800
			Estimated Direct Work				
4							
5							
6	=(4)+...+(5)	0.00%	SUBTOTAL	\$0	0.0%		\$0
			TKJV CMAR Staff & General Requirements				
7			TKJV CMAR Staff and Benefits	\$208,650	6.8%	TKJV	
8			TKJV General Requirements	\$0			
9	=(7)+(8)		Subtotal TKJV CMAR Cost	\$208,650	6.8%		\$0
			Allowances				
10			Allowances see section 7 for detail	\$407,000	13.3%		
11							
12	=(10)+...+(11)		Subtotal Allowances	\$407,000	13.3%		\$0
13	=(6)+(9)+(12)		Subtotal Direct Cost of the Work	\$2,716,348	88.6%		\$724,800
			Contingencies				
14	=5.00%*(13)		CMAR Contingency	\$135,817	4.4%		
15	=2.50%*(13)		Owners Contingency	\$67,909	2.2%		
16	=(14)+(15)		CMAR and Owner's Contingency Total	\$203,726	6.6%		\$0
17	=(13)+(16)		Subtotal Direct Cost & Contingencies	\$2,920,074	95.2%		\$724,800
			Insurance and Bonds				
18	=0.7351%*(22)		Payment and Performance Bond	\$22,542	0.7%		
19	=(18)		Total Insurance and Bonds	\$22,542	0.7%		\$0
20	=(17)+(19)		Subtotal	\$2,942,616	96.0%		\$724,800
21	=4.211%*(20)		CMAR Fee	\$123,914	4.0%		
22	=(20)+(21)		TOTAL PROPOSED GMP	\$3,066,530	100.0%		\$724,800



Minority Participation

Package			Apparent Low Responsive Bidder	Award Value	Participation											
Number	Description	DBE Target			Name	Type	Amount	%	Name	Type	Amount	%	Name	Type	Amount	%
10.1.0	Roadway Overhead Signage	15.00%	Transportation Systems Inc	\$ 2,084,000	Torres Electrical Supply Company Inc	DBE	\$ 274,800	13.19%	AC Signs	DBE	\$ 450,000	21.59%				

Summary Bid Work			
Type	Amount	Percent	
MWBE	\$ -	0.00%	
DBE	\$ 724,800	23.64%	
LDB	\$ -	0.00%	
SDVOBE	\$ -	0.00%	
TOTAL	\$ 724,800	23.64%	
Total Proposed GMP		\$3,066,530	



TERMINAL **C**



Departures



Arrivals



Valet



Bag Claim



ORLANDO INTERNATIONAL AIRPORT
South Airport Terminal C Phase 1
GMP 5-S.7 Proposal
BP-S00192

Overhead Roadway Signage

February 19, 2021 rev1

GMP 5-S.7 – Overhead Roadway Signage
BP-S00192
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S E C T I O N 1

**Copy of the Advertisement
to Solicit Bids**

**GMP 5-S.7
BP-S00192
Overhead Roadway Signage**

GMP 5S.7 – Roadway Overhead Signage
BP–S00192
COPY OF ADVERTISEMENT TO SOLICIT BIDS

A copy of the bid advertisements placed in the Orlando Sentinel for Roadway Overhead Signage is included below.

At the direction of the OAR the list of prequalified bidders is not to be included in the GMP.

10.1.0 Roadway Overhead Signage

Orlando Sentinel

Dec. 25, 2020

Miscellaneous Notices

INVITATION TO BID TURNER-KIEWIT JV & GREATER ORLANDO AVIATION AUTHORITY SOUTH TERMINAL C LANDSIDE - GMP 5S.7 Landside Civil Turner-Kiewit, Joint Venture (TK) will be bidding the Landside Civil (LSC) GMP 5S.7. The bid package will be: Civil Overhead Signage. TK invites prime subcontractors to complete and submit Turners prequalification. The pre-qualification process can be found at TKs Project website, <http://www.tkgoaa.com>. The website will contain all announcements and any associated dates regarding the South Terminal C, LST. Turner-Kiewit is committed to exceeding GOAAs MWBE, LDB/SDVOBE, DBE goals on the project. Goals will be established for each scope of work to maximize MWBE, LDB/SDVOBE participation. We invite and encourage MWBE, LDB/SDVOBEs to bid. Bid Package Release Date: December 29, 2020 Pre-Bid/Matchmaker Meeting Date: TBD Location: Virtual Time: TBD Bid Due Date: January 28, 2021 @ 1:00pm For more information, please contact Ryan Hudson at rhudson@tcco.com Turner-Kiewit is an equal employment opportunity employer--Minorities/individuals/ females/veterans/individuals with disabilities/ sexual orientation/gender identity. VEVRAA Federal Contractor OS 6844329 12/25-12/28/2020



S E C T I O N 2

**Project
Description**

**GMP 5-S.7
BP-S00192
Overhead Roadway Signage**

GMP 5-S.7 – Roadway Overhead Signage
BP-S00192
PROJECT DESCRIPTION

TKJV's current scope of work for the South Terminal C project is primarily for the Landside work, which includes the Landside Terminal (approx. 932,000 gsf), the Ground Transportation Facility Phase 1 (approx. 109,913 gsf), the Parking Garage Phase 2 (approx. 402,000 gsf), the Landside Civil work (approx. 96 acres), Central Energy Plant, Emergency Power Generation Plant, Checkpoint Delta and the Site Logistics Relocation.

TKJV's scope is part of the overall South Terminal C building program which also includes the Airside Concourse, Airfield, Airside Civil, and several other support buildings.

This GMP includes the bid package for the Overhead Roadway Signage.



S E C T I O N 3

**Schedule of
Values
(GMP Summary)**

**GMP 5-S.7
BP-S00192
Overhead Roadway Signage**

GMP 5-S.7 – Overhead Roadway Signage
BP-S00192
SCHEDULE OF VALUES

Please see the Schedule of Values for GMP 5-S.7 following this page.

GOAA STC PHASE 1
 GMP 5-S.7 Overhead Roadway Signage
 BP-S00192



Schedule of Values

Report Date: 19 Feb 21 rev1

#	Calculation	Bid Package	DESCRIPTION	Total GMP	% of GMP Estimate	Subcontractor	DBE	LDB
			Subcontracted Direct Work					
1		10.1.0	Roadway Overhead Signage	\$2,084,000	68.0%	Transportation Systems Inc.	\$724,800	
2			Drilled Shaft Testing and Inspection	\$16,698	0.5%	Tierra Inc.	\$16,698	
3	=(1)+...+(2)	100.00%	SUBTOTAL	\$2,100,698	68.5%		\$741,498	\$0
			Estimated Direct Work					
4								
5								
6	=(4)+...+(5)	0.00%	SUBTOTAL	\$0	0.0%		\$0	\$0
			TKJV CMAR Staff & General Requirements					
7			TKJV CMAR Staff and Benefits	\$208,650	6.8%	TKJV		\$47,859
8			TKJV General Requirements	\$0				
9	=(7)+(8)		Subtotal TKJV CMAR Cost	\$208,650	6.8%		\$0	\$47,859
			Allowances					
10			Allowances see section 7 for detail	\$407,000	13.3%			
11								
12	=(10)+...+(11)		Subtotal Allowances	\$407,000	13.3%		\$0	\$0
13	=(6)+(9)+(12)		Subtotal Direct Cost of the Work	\$2,716,348	88.6%		\$741,498	\$47,859
			Contingencies					
14	=5.00%*(13)		CMAR Contingency	\$135,817	4.4%			
15	=2.50%*(13)		Owners Contingency	\$67,909	2.2%			
16	=(14)+(15)		CMAR and Owner's Contingency Total	\$203,726	6.6%		\$0	\$0
17	=(13)+(16)		Subtotal Direct Cost & Contingencies	\$2,920,074	95.2%		\$741,498	\$47,859
			Insurance and Bonds					
18	=0.7351%*(22)		Payment and Performance Bond	\$22,542	0.7%			
19	=(18)		Total Insurance and Bonds	\$22,542	0.7%		\$0	\$0
20	=(17)+(19)		Subtotal	\$2,942,616	96.0%		\$741,498	\$47,859
21	=4.211%*(20)		CMAR Fee	\$123,914	4.0%			
22	=(20)+(21)		TOTAL PROPOSED GMP	\$3,066,530	100.0%		\$741,498	\$47,859



S E C T I O N 4

Detailed Estimate

**GMP 5-S.7
BP-S00192
Overhead Roadway Signage**

GMP 5-S.7 – Overhead Roadway Signage
BP-S00192
ESTIMATE

The estimate of the work for the Overhead Roadway Signage is included in this section.

Amendment Date 02/19/2021

South Terminal C - Landside Terminal
 Greater Orlando Aviation Authority (GOAA)
 GMP 5-S.7 Estimate

Estimate Date: 2/19/2021
 GSF: -
 Design Documents Date: varies

SUBCONTRACTED DIRECT WORK							
#	SOW	DESCRIPTION	QUANTITY	UNIT	UNIT COST	SUBTOTAL	TOTAL
	10.1.0	Roadway, Overhead Signage					\$2,034,000
2	10.1.0	Signage					
3	10.1.0	New Structures Only (Signage Included below)	5	ea	\$257,200	\$1,286,000	
4	10.1.0	New, Relocated, and Overlay Sign Panels on Existing and New Structures	85	ea	\$6,541	\$556,000	
5	10.1.0	Guardrail Installation	175	lf	\$200	\$35,000	
6	10.1.0	Landscape restoration	1	ls	\$15,000	\$15,000	
7	10.1.0	MOT	1	ls	\$100,000	\$100,000	
8	10.1.0	General Conditions (Please specify items included in space below)				included	
9	10.1.0	2nd Shift Premium				included if required	
10	10.1.0	Mock-Ups - Refer to Supplemental Design Intent pg 01.01 - Provide physical mock up of signs 204 & 208 for approval prior to fabrication (scaled down to 2' tall by XXX wide)	1	ls	\$15,000	\$15,000	
11	10.1.0	Busing (from parking) - If needed				not required	
12	10.1.0	Engineering / Submittals / Shop Drawings / As-Builts	1	ls	\$25,000	\$25,000	
13	10.1.0	Composite Cleanup	1	ls	\$10,000	\$10,000	
14	10.1.0	Alternate - Electrical rough-in for signs OT-050 and OT-059	1	ls	\$42,000	\$42,000	
15		Drilled Shaft Testing & Inspection					\$16,698
16		Drilled Shaft Inspector	120	hrs	\$82.00	\$9,840	
17		Concrete Testing Inspector	80	hrs	\$53.00	\$4,240	
18		Compressive Strength Cylinders	53	ea	\$17.14	\$908	
19		Project Manager	10	hrs	\$120.00	\$1,200	
20		Clerical Administrative	10	hrs	\$51.00	\$510	



S E C T I O N 5

**General
Requirements
Estimate**

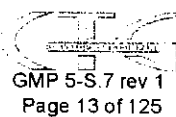
**GMP 5-S.7
BP-S00192
Overhead Roadway Signage**



GMP 5-S.7 – Overhead Roadway Signage
BP-S00192
GENERAL REQUIREMENTS / GENERAL CONDITIONS

The General Conditions Staff Cost for this project are included in this section. The General conditions will be billed as a lump sum as equal payments from April 2021 through March 2022.

The General Requirements for this project are included in the allowance selection.



Amendment Date 02/19/2021

South Terminal C - Landside Terminal
Greater Orlando Aviation Authority (GOAA)
GMP 5-S.7 General Conditions

Estimate Date: 2/19/2021
GSF: -
Design Documents Date: varies

GENERAL CONDITIONS							
#	Company	DESCRIPTION	QUANTITY	UNIT	UNIT COST	SUBTOTAL	TOTAL
2		Staff					\$288,650
3	PSA	Hochiman Perez - Quality - June 2021 through October 2021	640	hrs	\$74.78	\$47,859	LDB
4	Kiewit	Jarod Wagner - Engineer - September 2021 through March 2022	1,120	hrs	\$48.33	\$54,130	
5	Turner	Herbert White III - Night Shift Superintendent - April 2021 through March 2022	1,920	hrs	\$49.67	\$95,366	
6	Turner	Ryan Hudson - Procurement	160	hrs	\$70.59	\$11,295	
7							
8							



S E C T I O N 6

**List of Alternates and
Unit Prices**

**GMP 5-S.7
BP-S00192
Overhead Roadway Signage**

GMP 5-S.7 – Overhead Roadway Signage
BP-S00192
ALTERNATES AND UNIT PRICES

The description of the alternate for Overhead Signage Lighting Scope is included in this Section. This alternate is included in the GMP Schedule of Values Subcontracted Direct Work.

There are no unit prices for this GMP.

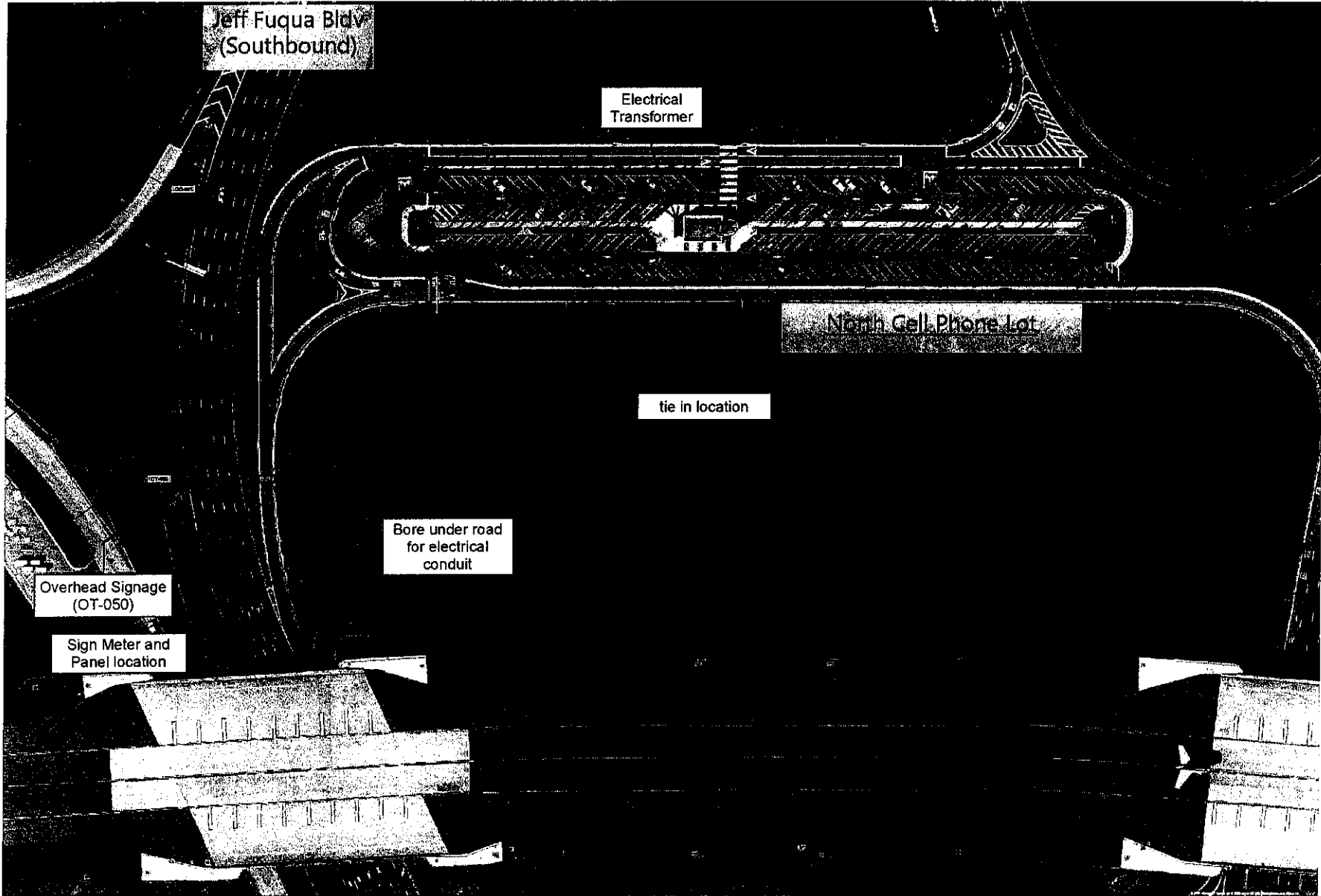
Roadway Overhead Signage - Scope of Work - Exhibit R

The Work of this Subcontract shall include all the industry standard requirements for work normally associated with a typical "Overhead Roadway Signage" scope for a complete installation. All work outlined below is incorporated as part of this agreement and included in the Subcontract.

ALTERNATE Overhead Signage Lighting Scope

1. The following alternate pries are inclusive of all labor, equipment, materials, clean-up, applicable taxes, benefits, warranties, overhead, profit and all costs necessary to purchase, deliver, receive, handle, hoist, store, distribute, and install the work listed below subject to approval by GOAA. This alternate is not included in the base bid.
2. The Work of this Subcontract shall include all the industry standard requirements for work normally associated with a typical "Roadway Overhead Signage Lighting" scope. All work outlined below is incorporated as part of this agreement and included in the alternate
3. The work outlined per Exhibit "R" - "ALTERNATE Overhead Signage Lighting Scope" shall take precedence for the requirements of this scope related to OT-050.
4. OT-050 lighting - scope includes furnish and install of the complete lighting system from the sign structure including running underground conduit to the designated OUC tie in point. Scope includes but is not limited to transformer pad, up to 350 lf UG conduit (directional drill under existing roadway to the North Cell Lot Include all new lighting requirements shown on plans, photocell mini-controller, 3 led luminaires with brackets roadway lighting plans reference C42.2.32, C42.4.04, C42.4.06, C42.6.01, C42.6.02, C42.6.03. Note that luminaires and luminaire brackets will be provided by base scope removals noted on the plans. This scope includes any additional conduit, wire, junction boxes, support brackets etc. required to complete the sign lighting scope.
5. OT-059 lighting - The bid base scope includes the relocation of "Terminal A Airline Panel" from structure OT-061 to OT-059. The existing luminaire system is to be removed and relocated to the OT-059 structure. Existing electrical service exists on structure OT-059, currently lighting the "Cargo Road Economy Parking" sign. This scope includes any additional conduit, wire, junction boxes, support brackets etc. required to complete the sign lighting scope.
6. This alternate scope includes the miscellaneous grading and installation of sod stabilization of areas affected by this scope of work. Subcontractor is to restore all disturbed areas to existing conditions.
7. Install and maintain silt fencing, inlet protection, curb inlet protection and all other erosion controls / SWPPP as needed to control and protect against erosion and runoff associated with Subcontractors work.

Overhead Signage Electrical (Alternate)





S E C T I O N 7

List of Allowances

**GMP 5-S.7
BP-S00192
Overhead Roadway Signage**

GMP 5S-7 – Overhead Roadway Signage
BP-S00192
ALLOWANCES

The following are the allowances included in this GMP.

- Sign Structure OT-050 as shown on the plans will conflict with the newly installed AOA security fence. The structure will be shortened in length, and the foundation moved closer to the roadway which will require guardrail to be installed. Allowance covers expedited shop drawings (drill shafts, asbuilts, structure fabrication and installation are critical path), additional MOT lane closures, and guardrail installation.
- Scope includes adjusting existing luminaire bracket spacing where proposed sign is larger than existing sign. The adjustments are anticipated to be rotating or adjusting the luminaire heads only. - extensive adjustment such as relocating luminaire bracket and structural connections would be additional vs scope of minor adjustment
- Scope includes initial inspection survey to confirm dimensions on plans labelled as "to be confirmed". TK anticipates additional damages or repairs will be observed. Since repair work requires lane closures to perform, and this scope includes MOT for the sign and structure work, an additional allowance is included to repair unforeseen damages. 10 lane closures at \$5k/ea, 10 shifts of repair crew (labor, equip, materials) at \$20k.
- Additional structural support for luminaire bracket system on sign replacements where existing sign hangers cannot be used for luminaires.
- 24 hour response service that may be required due to delays on signage installation caused by existing signage conditions or repairs. MOT and off-duty police services to direct traffic of public, outside of the established lane closure window timeframe 10pm-4am
- QC inspection requirements for Tierra (TK QC) for site work – structure bolt up, guardrail, sign panel reflectivity, luminaire bracket adjustment, field photometrics, paint prep and coating thickness.
- QC inspection requirements for Tierra (TK QC) for alternate 1- lighting scope on structures OT-050 & OT-059

GMP 5S-7 – Overhead Roadway Signage
BP-S00192
ALLOWANCES

- QC inspection requirements for Tierra (TK QC) for fabrication visits of signage and OT structures out of state
- Scope changes between Supplemental Design intent from bid documents (version dated 12.11.2020 to GMP version dated 01.11.2021)
- Allowance for subcontractor to include structural & internal electrical conduit modifications for electrical connections to OH structure columns for future electrical lighting option.
- Ground rod pull box noted on FDOT 17505 but not on C42.6.02 grounding detail. Plan sheet has reference to spec 26 05 72 (spec does not exist). 5 structures x 2 uprights
- Allowance for upgrading connection hardware depending on asbuilt conditions per each sign – aluminum, galvanized or stainless steel
- Allowance for OUC cost letter for transformer
- Allowance for changing existing luminaire to a newer fixture with wider light spread to minimize costs to adjust the luminaire bracket arm and wiring 10 ea
- Allowance for proper disposal of sign panels, luminaires, luminaire brackets, sign supports etc. that were anticipated to provide to GOAA but GOAA Maintenance does not see value to keep in inventory. 10 dumpsters and 1 week of a crew
- Allowance for TK survey to review and confirm Trade Partner survey for critical dimensions on drill shaft anchor bolts, prior to sign structure fabrication. Spot check sign dimensions noted on supplemental design documents “field survey to confirm size of patch overlay” – 44 locations. Verify possible conflicts for overlay locations where sign supports are full height c-channel type vs current standard z-bar.
- Allowance for TK Survey work to confirm subcontractor locations of work.



S E C T I O N 8

**Liquidated
Damages**

**GMP 5-S.7
BP-S00192
Overhead Roadway Signage**

GMP 5-S.7 – Overhead Roadway Signage
BP-S182
LIQUIDATED DAMAGES

Liquidated Damages are addressed in a separate Addendum.



S E C T I O N 9

**Value Engineering
Recommendations**

**GMP 5-S.7
BP-S00192
Overhead Roadway Signage**

GMP 5-S.7 – Overhead Roadway Signage
BP-S00192
VALUE ENGINEERING OPTIONS

GMP 5-S.7 is based on a VE Signage Scope. This VE scope is referenced as Exhibit Q of Roadway Overhead Signage Scope of Work dated 1/19/2021

GMP 5S.7 Roadway Signage VE Drawings 12.11.2020 40 pages

GMP 5S.7 Supplemental Design Intent 12.11.2020 46 pages

GMP 5S.7 Supplemental Location Intent 12.11.2020 1 page



S E C T I O N 1 0

**Assumptions and
Clarifications**

**GMP 5-S.7
BP-S00192
Overhead Roadway Signage**

GMP 5-S.7 – Overhead Roadway Signage
BP-S00192
ASSUMPTIONS & CLARIFICATIONS

Contractual

1. The GMP assumes the Owner will pay permit fees directly to the City of Orlando for issuance of master building/engineering permits. Costs associated with individual trade permits are included in the Subcontractor scopes of work. TK will include costs for permit revisions in a separate GMP for permit revisions that occur post permit issuance.
2. A no cost GOAA Horizontal permit is required and TK will submit and procure prior to work starting in the field.
3. All costs invoiced by OUC (water & electric, temporary & permanent - meter, transformer, consumption, & primary installation costs, etc.) are to be paid directly by GOAA and not included in the GMP.
4. All other utility costs & permit fees are to remain per the CMAR agreement and included. This includes FDEP NOI & SFWMD permit fees.
5. The GMP assumes no cost for the use of CAD file backgrounds and/or Revit files for purposes of distributing to the subcontractors as required. TKJV and the subcontractors receiving these CAD/Revit files will sign the Architects waiver for use of these CAD/Revit files with the understanding that there is no additional fee for TKJV or Owner to distribute to our subcontractors.
6. The GMP assumes the use of a Contractors Controlled Insurance Program (CCIP) arranged by TKJV for onsite General Liability and Workers' Compensation Insurance Coverage. The GMP assumes the use of a CMAR Pollution Liability Insurance policy.
7. Turner-Kiewit JV's GMP Proposal includes assumptions and clarifications that further detail areas of the design as they relate to and clarify the basis of our GMP. If there are any discrepancies identified beyond those included in our GMP Proposal, those could potentially be categorized as Unforeseen Circumstances. Included in this GMP Proposal is 5% for CMAR Contingency and 2.5% for Owner Contingency. CMAR Contingency shall be available to fund increased costs incurred by CMAR as provided in the CM@R Agreement, including Unforeseen Circumstances and omitted scope and Owner Contingency may be available for increased costs due to design errors and omissions and as otherwise provided in the CMAR Agreement. The allocation will be evaluated with each contingency expenditure request.

GMP 5-S.7 – Overhead Roadway Signage
BP-S00192
ASSUMPTIONS & CLARIFICATIONS

Schedule

8. The GMP anticipates approval of this GMP at the March Board Meeting, and receipt of the Notice to Proceed by the Owner no later than March 31, 2021.
9. The GMP is based on permits required to start the work are received no later than May 5, 2021.
10. The substantial completion date for this GMP is February 28, 2022.

General:

11. At the time of bid, the plan sheets reflect a conflict between the PPD ductbank and OT-022. An upcoming bulletin will relocate OT-022 a few feet due to conflict with PPD. The bid does not include any cost impacts related to the adjustment in Bulletin 33.
12. Guardrail was initially excluded from the bid scope, since it was required at the 1 new structure location OT-050, it was deleted from exclusions. A line was added to bid form but no added scope verbiage in the bid scope. The guardrail plan sheets are included (as we typically provide ALL plan sheets) C9.3.02-C9.3.04. OT-050 is on C9.3.04 which is the only guardrail run still relevant. OT-003 is straightforward, no new structure, no guardrail needed. The rest of the locations are interpreted as "structure not replaced, so new guardrail not needed".
13. TK anticipates no issues with height restrictions for setting OH structures and signage. Maximum boom height. 120' AGL.

Alternate Lighting scope

14. TK has not included any costs or permitting requirements for OUC electrical service to feed OT-050 lighting.

END OF SECTION



S E C T I O N 1 1

Project Schedule

**GMP 5-S.7
BP-S00192
Overhead Roadway Signage**

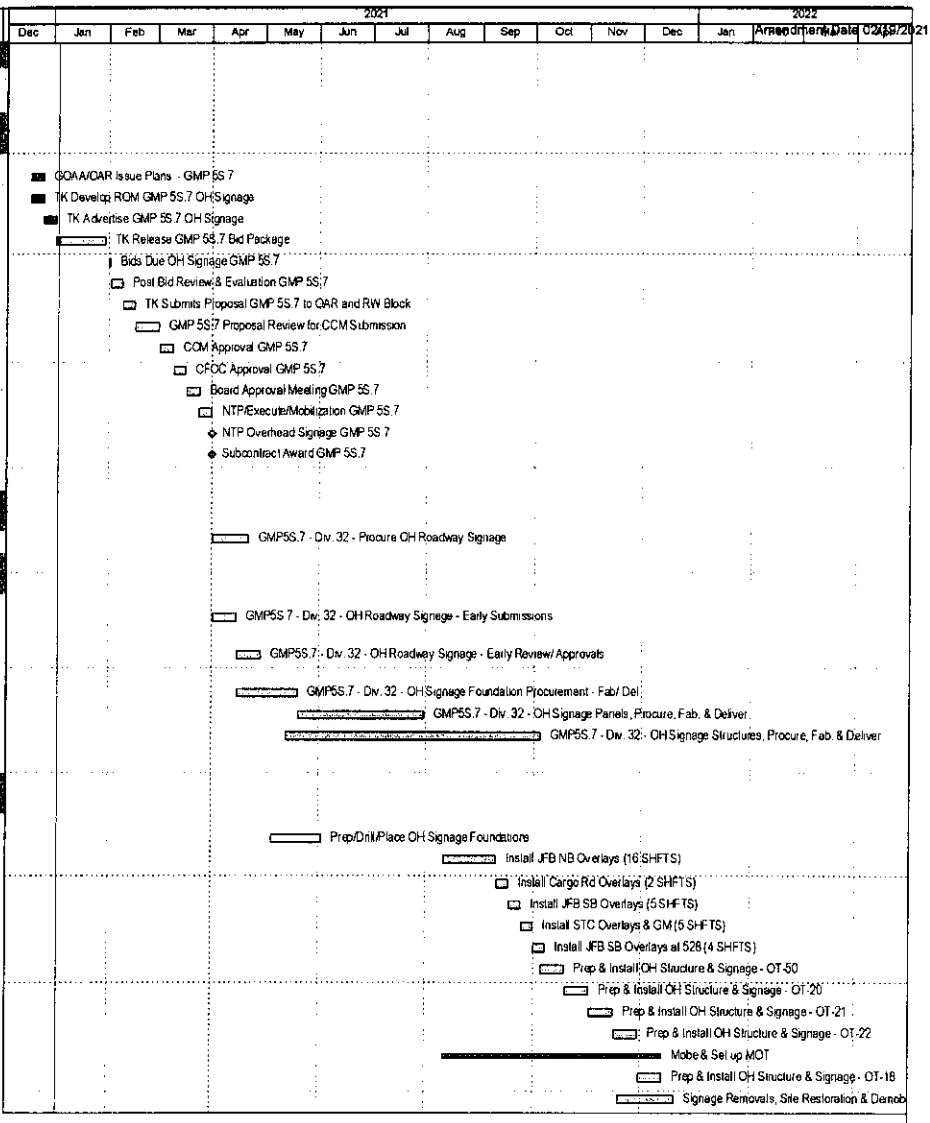
GMP 5-S.7 -- Overhead Roadway Signage
BP-S00192
SCHEDULE

The Schedule for the GMP follows this cover page.

The GMP is based on permits required to start the work are received no later than May 5, 2021.

The substantial completion date for this GMP is February 28, 2022.

Activity ID	Activity Name	OD	RD	% Comp	Start	Finish
GMP 5S.7 - Overhead Roadway Signage						
STC-P1 - LANDSIDE - CURRENT SCHEDULE						
STCP1 PROGRAM MILESTONES / INTERFACE						
GMP MILESTONES - DEVELOPMENT & INTERFACES						
TURNER / KIEWIT						
GMP 5-S - Landside Mass Clearing, Grubbing, & Grading						
LS-GMGT0000-34385	GOA/GOAR Issue Plans - GMP 5S 7	4	0	100%	19-Dec-20 A	26-Dec-20 A
FS-GMGT0000-34388	TK Develop ROM GMP 5S.7 OH Signage	4	0	100%	19-Dec-20 A	26-Dec-20 A
LS-GMGT0000-34380	TK Advertise GMP 5S.7 OH Signage	2	0	100%	26-Dec-20 A	02-Jan-21 A
LS-GMGT0000-34390	TK Release GMP 5S.7 Bid Package	20	20	0%	02-Jan-21 A	29-Jan-21
LS-GMGT0000-34400	Bids Due OH Signage GMP 5S 7	1	1	0%	01-Feb-21	01-Feb-21
LS-GMGT0000-34410	Post Bid Review & Evaluation GMP 5S 7	5	5	0%	02-Feb-21	08-Feb-21
LS-GMGT0000-34420	TK Submits Proposal GMP 5S.7 to OAR and RW Block	5	5	0%	09-Feb-21	15-Feb-21
LS-GMGT0000-34430	GMP 5S 7 Proposal Review for CCM Submission	14	14	0%	16-Feb-21	01-Mar-21
LS-GMGT0000-34440	CCM Approval GMP 5S 7	6	6	0%	02-Mar-21	09-Mar-21
LS-GMGT0000-34450	CFDC Approval GMP 5S 7	5	5	0%	10-Mar-21	16-Mar-21
LS-GMGT0000-34460	Board Approval Meeting GMP 5S.7	6	6	0%	17-Mar-21	24-Mar-21
LS-GMGT0000-34470	NTP/Execute/Mobilization GMP 5S 7	6	6	0%	24-Mar-21	31-Mar-21
LS-GMGT0000-34300	NTP Overhead Signage GMP 5S 7	0	0	0%		31-Mar-21
LS-GMGT0000-34480	Subcontract Award GMP 5S 7	0	0	0%		31-Mar-21
PRE-CONSTRUCTION / PROCUREMENT / ENGINEERING						
PROCUREMENT						
Procurement GMP 5S - Clear/Grub/Entire Work/Grading						
LS-PRST0000-32335	GMP5S 7 - Div. 32 - Procure OH Roadway Signage	15	15	0%	01-Apr-21	21-Apr-21
PROJECT ENGINEERING						
Engineering - GMP 5S.2 - Site Utilities						
Submittals - GMP 5S.2 - Site Utilities						
LS-EGL500.1-27973	GMP5S 7 - Div. 32 - OH Roadway Signage - Early Submissions	10	10	0%	01-Apr-21	14-Apr-21
Review/Approvals - GMP 5S.2 - Site Utilities						
LS-EGL500.1-27953	GMP5S 7 - Div. 32 - OH Roadway Signage - Early Review/Approvals	10	10	0%	15-Apr-21	28-Apr-21
Lead Time - Fabrication - GMP 5S.2 - Site Utilities						
LS-EGL500.1-27963	GMP5S 7 - Div. 32 - OH Signage Foundation Procurement - Fab/ Del	25	25	0%	15-Apr-21	19-May-21
LS-EGL500.1-28046	GMP5S 7 - Div. 32 - OH Signage Panels, Procure, Fab & Deliver	50	50	0%	20-May-21	30-Jul-21
LS-EGL500.1-28006	GMP5S 7 - Div. 32 - OH Signage Structures, Procure, Fab & Deliver	100	100	0%	13-May-21	04-Oct-21
CONSTRUCTION						
SITWORK						
SITE DEVELOPMENT						
Roads						
LS-CNST01L1-37110	Prep/Install/Place OH Signage Foundations	20	20	0%	06-May-21	02-Jun-21
LS-CNST01L1-37120	Install JFB NB Overlays (16 SHFTS)	30	30	0%	11-Aug-21	09-Sep-21
LS-CNST01L1-41745	Install Cargo Rd Overlays (2 SHFTS)	7	7	0%	10-Sep-21	16-Sep-21
LS-CNST01L1-41750	Install JFB SB Overlays (5 SHFTS)	7	7	0%	17-Sep-21	23-Sep-21
LS-CNST01L1-41755	Install STC Overlays & GM (5 SHFTS)	7	7	0%	24-Sep-21	30-Sep-21
LS-CNST01L1-41760	Install JFB SB Overlays at 528 (4 SHFTS)	7	7	0%	01-Oct-21	07-Oct-21
LS-CNST01L1-37130	Prep & Install OH Structure & Signage - OT-60	14	14	0%	05-Oct-21	18-Oct-21
LS-CNST01L1-41765	Prep & Install OH Structure & Signage - OT-20	14	14	0%	19-Oct-21	01-Nov-21
LS-CNST01L1-41770	Prep & Install OH Structure & Signage - OT-21	14	14	0%	02-Nov-21	15-Nov-21
LS-CNST01L1-41775	Prep & Install OH Structure & Signage - OT-22	14	14	0%	16-Nov-21	29-Nov-21
LS-CNST01L1-37160	Mobe & Set up MOT	86	86	0%	11-Aug-21	13-Dec-21
LS-CNST01L1-41780	Prep & Install OH Structure & Signage - OT-18	14	14	0%	30-Nov-21	13-Dec-21
LS-CNST01L1-37170	Signage Removals, Site Restoration & Demobe MOT	20	20	0%	16-Nov-21	20-Dec-21



	Remaining Level of Effort		Remaining Work
	Actual Level of Effort		Critical Remaining Work
	Actual Work		Milestone

GOAA South Terminal Phase C - Landside Civil
Turner - Kiewit Joint Venture
GMPs 5S.7 Roadway OH Signage Schedule as of December 31, 2020
Page 1 of 1





S E C T I O N 1 2

**List of Contract
Documents**

**GMP 5-S.7
BP-S00192
Overhead Roadway Signage**

GMP 5-S.7 – Overhead Roadway Signage
BP-S00192
DOCUMENT LIST

The Document List for the GMP follows this cover page.

DRAWING LIST - LSC

GMP 5-S.7

Updated: 09-24-2020
Revised through Bulletin 032

#	SHEET INDEX	SHEET DESCRIPTION	REVISION		
			DATE	ISSUE	REV
A.	ARCHITECTURAL				
	A0.00.10	CODE SHEET	4/28/2020	BULLETIN # 31	2
	A0.31.00	EXTERIOR SYSTEMS	4/28/2020	BULLETIN # 31	2
	A1.11.01	FLOOR PLAN/ RCP PLA	4/28/2020	BULLETIN # 31	2
	A2.00.01	ELEVATIONS	4/28/2020	BULLETIN # 31	2
	A3.01.01	BUILDING SECTIONS	4/28/2020	BULLETIN # 31	2
	A5.11.01	MISC. DETAILS	4/28/2020	BULLETIN # 31	2
	A6.10.01	DOOR AND FRAME DETAILS/ DOOR SCHEDULE	4/28/2020	BULLETIN # 31	2
B.	CIVIL				
	CS-0.0.01	COVER	11/21/2018	BULLETIN # 13	
	CS-0.0.02	COVER	11/21/2018	BULLETIN # 13	
	IS-0.0.01A	SHEET INDEX	5/15/2020	DSI #003	11
	IS-0.0.01B	SHEET INDEX	5/15/2020	DSI #003	13
	IS-0.0.01C	SHEET INDEX	9/10/2020	BULLETIN #32	12
	IS-0.0.01	OVERALL SITE PLAN	11/21/2018	BULLETIN # 13	1
	IS-0.0.02	GENERAL NOTES	11/21/2018	BULLETIN # 13	1
	IS-0.0.03	UTILITY AND ENVIRONMENTAL NOTES	3/28/2018	BULLETIN #4	1
	IS-0.0.04	LANDSCAPE PLANTING AREAS SOIL REQUIREMENTS	11/28/2018	BULLETIN # 14	3
	IS-0.1.04	OUC ACCESS ROAD LOCATION MAP	9/14/2018	BULLETIN #10	1
	IS-1.0.01	OVERALL SITE PLAN	9/10/2020	BULLETIN #32	2
	IS-1.0.02	KEY PLAN	9/10/2020	BULLETIN #32	2
	IS-1.0.03	SURVEY CONTROL PLAN	12/1/2017	IPC	
	IS-1.0.04	OUC ACCESS ROAD LOCATION MAP	11/28/2018	BULLETIN # 14	3
	C-1.0.01	EXISTING CONDITIONS PLAN	11/21/2018	BULLETIN # 13	1
	C-1.0.01X	EXISTING CONDITIONS PLAN	3/13/2019	BULLETIN # 19	1
	C-1.0.02	EXISTING CONDITIONS PLAN	9/10/2020	BULLETIN #32	2
	C-1.0.02X	EXISTING CONDITIONS PLAN	11/21/2018	BULLETIN # 13	1
	C-1.0.03X	EXISTING CONDITIONS PLAN	11/21/2018	BULLETIN # 13	1
	C-1.0.04	EXISTING CONDITIONS PLAN	11/21/2018	BULLETIN # 13	1
	C-1.0.04X	EXISTING CONDITIONS PLAN	9/10/2020	BULLETIN #32	2
	C-1.0.05	EXISTING CONDITIONS PLAN	9/10/2020	BULLETIN #32	2
	C-1.0.05X	EXISTING CONDITIONS PLAN	11/21/2018	BULLETIN # 13	1
	C-1.0.06X	EXISTING CONDITIONS PLAN	11/21/2018	BULLETIN # 13	1
	C-1.0.07	EXISTING CONDITIONS PLAN	11/21/2018	BULLETIN # 13	1
	C-1.0.07X	EXISTING CONDITIONS PLAN	11/21/2018	BULLETIN # 13	1
	C-1.0.08	EXISTING CONDITIONS PLAN	9/10/2020	BULLETIN #32	2
	C-1.0.08X	EXISTING CONDITIONS PLAN	11/21/2018	BULLETIN # 13	1
	C-1.0.09X	EXISTING CONDITIONS PLAN	11/21/2018	BULLETIN # 13	1
	C-1.0.10	EXISTING CONDITIONS PLAN	12/1/2017	IPC	
	C-1.0.11	EXISTING CONDITIONS PLAN	12/1/2017	IPC	
	C-1.0.13	EXISTING CONDITIONS PLAN	12/1/2017	IPC	
	C-1.0.14	EXISTING CONDITIONS PLAN	12/1/2017	IPC	
	C-1.0.15	EXISTING CONDITIONS PLAN	12/1/2017	IPC	
	C-1.0.17	EXISTING CONDITIONS PLAN	12/1/2017	IPC	
	C.2.1.01	OUC ACCESS ROAD PROJECT LAYOUT	6/14/2019	BULLETIN #24	4
	CD-3.0.00X	DEMOLITION PLAN	3/13/2019	BULLETIN # 19	1
	CD-3.0.01	DEMOLITION PLAN	9/10/2020	DSI #004	4
	CD-3.0.01X	DEMOLITION PLAN	11/21/2018	BULLETIN # 13	1
	CD-3.0.02	DEMOLITION PLAN	9/10/2020	BULLETIN #32	3
	CD-3.0.02X	DEMOLITION PLAN	11/21/2018	BULLETIN # 13	1
	CD-3.0.03X	DEMOLITION PLAN	11/21/2018	BULLETIN # 13	1
	CD-3.0.04	DEMOLITION PLAN	11/21/2018	BULLETIN # 13	1
	CD-3.0.04X	DEMOLITION PLAN	9/10/2020	BULLETIN #32	3
	CD-3.0.05	DEMOLITION PLAN	9/10/2020	BULLETIN #32	4
	CD-3.0.06X	DEMOLITION PLAN	11/21/2018	BULLETIN # 13	1
	CD-3.0.07	DEMOLITION PLAN	11/21/2018	BULLETIN # 13	1
	CD-3.0.07X	DEMOLITION PLAN	9/10/2020	DSI #004	3
	CD-3.0.08	DEMOLITION PLAN	9/10/2020	BULLETIN #32	6
	CD-3.0.08X	DEMOLITION PLAN	11/21/2018	BULLETIN # 13	1
	CD-3.0.09X	DEMOLITION PLAN	11/21/2018	BULLETIN # 13	1
	CD-3.0.10	DEMOLITION PLAN	11/21/2018	BULLETIN # 13	1
	CD-3.0.11	DEMOLITION PLAN	11/21/2018	BULLETIN # 13	1
	CD-3.0.13	DEMOLITION PLAN	11/21/2018	BULLETIN # 13	1
	CD-3.0.14	DEMOLITION PLAN	11/21/2018	BULLETIN # 13	1
	CD-3.0.15	DEMOLITION PLAN	9/13/2019	BULLETIN #26	3

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	CD-3.0.17	DEMOLITION PLAN			
	CD-3.1.01	EXISTING TRADEPORT DITCH BRIDGE DEMOLITION PLAN	11/21/2018	BULLETIN # 13	1
	C-3.0.00A	CURVE DATA	11/21/2018	BULLETIN # 13	1
	C-3.0.00B	COORDINATE DATA	9/13/2019	BULLETIN #26	4
	C-3.0.01	ROADWAY PLAN	9/13/2019	BULLETIN #26	3
	C-3.0.02	ROADWAY PLAN	2/7/2020	DSI #002	3
	C-3.0.03X	ROADWAY PLAN	9/10/2020	BULLETIN #32	5
	C-3.0.04	ROADWAY PLAN	2/7/2020	DSI #002	2
	C-3.0.04X	ROADWAY PLAN	2/7/2020	DSI #002	3
	C-3.0.05	ROADWAY PLAN	9/10/2020	BULLETIN #32	3
	C-3.0.06X	ROADWAY PLAN	9/10/2020	BULLETIN #32	6
	C-3.0.07	ROADWAY PLAN	11/21/2018	BULLETIN # 13	1
	C-3.0.07A	ROADWAY PLAN	2/7/2020	DSI #002	3
	C-3.0.07X	ROADWAY PLAN	2/19/2018	BULLETIN #3	1
	C-3.0.08	ROADWAY PLAN	3/13/2019	BULLETIN # 19	2
	C-3.0.08A	ROADWAY PLAN	9/10/2020	BULLETIN #32	6
	C-3.0.10	ROADWAY PLAN	2/19/2018	BULLETIN #3	1
	C-3.0.11	ROADWAY PLAN	11/21/2018	BULLETIN # 13	2
	C-3.0.14	ROADWAY PLAN	5/15/2020	DSI #003	6
	C-3.0.15	ROADWAY PLAN	9/13/2019	BULLETIN #26	3
	C-3.0.15A	ROADWAY PLAN NORTH SWITCH YARD	11/21/2018	BULLETIN # 13	2
	C-3.0.16	ROADWAY PLAN	3/13/2019	BULLETIN # 19	2
	C-3.1.01	PROPOSED ARRIVALS LEVEL 6 PROFILE	5/15/2020	DSI #003	2
	C-3.1.02	PROPOSED ARRIVALS LEVEL 6 PROFILE	11/21/2018	BULLETIN # 13	1
	C-3.1.03	PROPOSED DEPARTURES LEVEL 2 PROFILE	11/21/2018	BULLETIN # 13	1
	C-3.1.04	PROPOSED RAC PROFILE	11/21/2018	BULLETIN # 13	2
	C-3.1.05	PROPOSED ARRIVALS LEVEL 6 PROFILE	9/10/2020	BULLETIN #32	3
	C-3.1.06	PROPOSED SERVICE-C1 PROFILE	5/15/2020	DSI #003	2
	C-3.1.07	PROPOSED SERVICE-C2, C3, & C4 PROFILE	9/10/2020	DSI #004	2
	C-3.1.08	PROPOSED RAC PROFILE	9/10/2020	BULLETIN #32	3
	C-3.1.09	PROPOSED COMMERCIAL PROFILE	11/21/2018	BULLETIN # 13	1
	C-3.1.10	PROPOSED COMMERCIAL PROFILE	11/21/2018	BULLETIN # 13	1
	C-3.1.11	PROPOSED SERVICE-C1 PROFILE	11/21/2018	BULLETIN # 13	1
	C-3.1.12	PROPOSED SERVICE-C1 PROFILE	11/21/2018	BULLETIN # 13	1
	C-3.1.13	PROPOSED SERVICE-C2 PROFILE	11/21/2018	BULLETIN # 13	1
	C-3.1.14	PROPOSED SERVICE-C2 PROFILE	11/21/2018	BULLETIN # 13	1
	C-3.1.15	PROPOSED SERVICE- C3, & C4 PROFILE	11/21/2018	BULLETIN # 13	1
	C-3.1.16	PROPOSED SERVICE- C5, & C6 PROFILE	2/20/2019	BULLETIN # 17	2
	C-3.1.17	PROPOSED SERVICE- C7, & C8 PROFILE	9/13/2019	BULLETIN #26	2
	C-3.1.18	PROPOSED BYPASS PROFILE	11/21/2018	BULLETIN # 13	1
	C-3.1.19	PROPOSED BYPASS PROFILE	3/13/2019	BULLETIN # 19	2
	C-3.1.20	PROPOSED BYPASS PROFILE	9/10/2020	BULLETIN #32	3
	C-3.1.21	PROPOSED GTF PROFILE	11/21/2018	BULLETIN # 13	1
	C-3.1.22	PROPOSED TERMINAL C SERVICE ROAD PROFILE	2/7/2020	DSI #002	2
	C-3.1.23	PROPOSED TERMINAL C SERVICE ROAD PROFILE	11/21/2018	BULLETIN # 13	1
	C-3.1.24	PROPOSED SERVICE-C9 PROFILE	11/21/2018	BULLETIN # 13	1
	C-3.1.25	PROPOSED QTA-SERVICE PROFILE	9/10/2020	BULLETIN #32	2
	C-3.1.26	PROPOSED QTA-NORTH PROFILE	9/10/2020	BULLETIN #32	2
	C3.2.01	OUC ACCESS ROAD PLAN & PROFILE	11/28/2018	BULLETIN # 14	2
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	C3.2.03	OUC ACCESS ROAD PLAN & PROFILE	6/14/2019	BULLETIN #24	3
	C3.2.04	OUC ACCESS ROAD PLAN & PROFILE	6/14/2019	BULLETIN #24	3
	C3.2.05	OUC ACCESS ROAD PLAN & PROFILE	6/14/2019	BULLETIN #24	3
	C3.2.06	OUC ACCESS ROAD PLAN & PROFILE	11/28/2018	BULLETIN # 14	2
	C3.2.07	OUC ACCESS ROAD PLAN & PROFILE	3/13/2019	BULLETIN # 19	3
	C3.2.08	OUC ACCESS ROAD PLAN & PROFILE	3/13/2019	BULLETIN # 19	3
	C3.2.09	OUC ACCESS ROAD PLAN & PROFILE	3/13/2019	BULLETIN # 19	3
	C3.2.10	OUC ACCESS ROAD FLOODPLAIN MITIGATION	6/14/2019	BULLETIN #24	3
	C-9.0.01	TYPICAL SECTIONS	9/10/2020	BULLETIN #32	3
	C-9.0.02	TYPICAL SECTIONS	9/13/2019	BULLETIN #26	2
	C-9.0.03	TYPICAL SECTIONS	11/21/2018	BULLETIN # 13	1
	C-9.0.04	TYPICAL SECTIONS	11/21/2018	BULLETIN # 13	1
	C-9.0.05	OUC ACCESS ROAD TYPICAL SECTIONS	3/13/2019	BULLETIN # 19	3
	C-9.0.06	OUC ACCESS ROAD FENCE DETAILS	3/13/2019	BULLETIN # 19	1
	C-9.0.07	TYPICAL SECTIONS	9/13/2019	BULLETIN #26	1
	C-9.1.01	GORE DETAILS	11/21/2018	BULLETIN # 13	1
	C-9.1.02	GORE DETAILS	9/13/2019	BULLETIN #26	2

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C-9.1.05		GORE DETAILS	6/14/2019	BULLETIN #24	4
C-9.1.06		GORE DETAILS	9/10/2020	BULLETIN #32	3
C-9.1.07		OUC ACCESS ROAD PLAN & PROFILE	11/21/2018	BULLETIN # 13	2
C-9.1.08		GORE DETAILS	9/10/2020	BULLETIN #32	3
C-9.2.01		INTERSECTION GRADING DETAILS	11/21/2018	BULLETIN # 13	1
C-9.2.02		INTERSECTION GRADING DETAILS	11/21/2018	BULLETIN # 13	1
C-9.2.03		INTERSECTION GRADING DETAILS	3/13/2019	BULLETIN # 19	2
C-9.2.04		INTERSECTION GRADING DETAILS	11/21/2018	BULLETIN # 13	1
C-9.2.05		INTERSECTION GRADING DETAILS	11/21/2018	BULLETIN # 13	1
C-9.2.06		INTERSECTION GRADING DETAILS	2/20/2019	BULLETIN # 17	2
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C-9.2.09		INTERSECTION GRADING DETAILS	3/13/2019	BULLETIN # 19	2
C-9.2.10		INTERSECTION GRADING DETAILS	2/20/2019	BULLETIN # 17	2
C-9.2.11		INTERSECTION GRADING DETAILS	9/10/2020	BULLETIN #32	2
C-9.3.01		CONCRETE BARRIER WALL TABLE	9/10/2020	BULLETIN #32	4
C-9.3.02		GUARDRAIL DETAILS	1/31/2020	BULLETIN #29	1
C-9.3.03		GUARDRAIL DETAILS	1/31/2020	BULLETIN #29	1
C-9.3.04		GUARDRAIL DETAILS	1/31/2020	BULLETIN #29	1
C-9.4.01		SIDEWALK DETAILS	11/21/2018	BULLETIN # 13	1
C-9.4.02		SIDEWALK DETAILS	11/21/2018	BULLETIN # 13	2
C-9.4.03		SIDEWALK DETAILS	2/20/2019	BULLETIN # 17	2
C-9.4.04		SIDEWALK DETAILS	9/13/2019	BULLETIN #26	3
C-9.4.05		SIDEWALK DETAILS	9/13/2019	BULLETIN #26	2
C-9.5.01		CONCRETE PAVEMENT JOINT DETAILS	11/21/2018	BULLETIN # 13	1
C-9.5.02		CONCRETE PAVEMENT JOINT DETAILS	11/21/2018	BULLETIN # 13	1
C-9.5.03		CONCRETE PAVEMENT JOINT DETAILS	11/21/2018	BULLETIN # 13	1
C-9.5.04		CONCRETE PAVEMENT JOINT DETAILS	3/13/2019	BULLETIN # 19	2
C-9.5.05		CONCRETE PAVEMENT JOINT DETAILS	11/21/2018	BULLETIN # 13	1
C-11.0.00		MASS GRADING & SURCHARGE CROSS SECTIONS KEY PLAN	11/21/2018	BULLETIN # 13	1
C-11.0.01		MASS GRADING & SURCHARGE CROSS SECTIONS	12/1/2017	IPC	
C-11.0.02		MASS GRADING & SURCHARGE CROSS SECTIONS	12/1/2017	IPC	
C-11.0.03		MASS GRADING & SURCHARGE CROSS SECTIONS	12/1/2017	IPC	
C-11.0.04		MASS GRADING & SURCHARGE CROSS SECTIONS	11/21/2018	BULLETIN # 13	1
C-11.0.05		MASS GRADING & SURCHARGE CROSS SECTIONS	11/21/2018	BULLETIN # 13	1
C-11.0.06		MASS GRADING & SURCHARGE CROSS SECTIONS	11/21/2018	BULLETIN # 13	1
C-11.0.07		MASS GRADING & SURCHARGE CROSS SECTIONS	12/1/2017	IPC	
C-11.0.08		MASS GRADING & SURCHARGE CROSS SECTIONS	11/21/2018	BULLETIN # 13	1
C-11.0.09		MASS GRADING & SURCHARGE CROSS SECTIONS	11/21/2018	BULLETIN # 13	1
C-11.0.10		MASS GRADING & SURCHARGE CROSS SECTIONS	11/21/2018	BULLETIN # 13	1
C-11.0.11		MASS GRADING & SURCHARGE CROSS SECTIONS	11/21/2018	BULLETIN # 13	1
C-11.0.12		MASS GRADING & SURCHARGE CROSS SECTIONS	12/1/2017	IPC	
C-11.0.13		MASS GRADING & SURCHARGE CROSS SECTIONS	12/1/2017	IPC	
C-11.0.14		MASS GRADING & SURCHARGE CROSS SECTIONS	12/1/2017	IPC	
C-11.1.00		ROADWAY CROSS SECTIONS KEY PLAN	11/21/2018	BULLETIN # 13	1
C-11.1.01		ROADWAY CROSS SECTIONS KEY PLAN	11/21/2018	BULLETIN # 13	1
C-11.1.01A		ROADWAY CROSS SECTIONS KEY PLAN	11/21/2018	BULLETIN # 13	1
C-11.1.01B		ROADWAY CROSS SECTIONS KEY PLAN	9/13/2019	BULLETIN #26	2
C-11.1.02		ROADWAY CROSS SECTIONS RAMP A	12/1/2017	IPC	
C-11.1.03		ROADWAY CROSS SECTIONS SOUTH ACCESS RD	12/1/2017	IPC	
C-11.1.04		ROADWAY CROSS SECTIONS ARRIVALS LEVEL 6	9/13/2019	BULLETIN #26	2
C-11.1.05		ROADWAY CROSS SECTIONS ARRIVALS LEVEL 6	11/21/2018	BULLETIN # 13	1
C-11.1.06		ROADWAY CROSS SECTIONS ARRIVALS LEVEL 6	3/13/2019	BULLETIN # 19	2
C-11.1.07		ROADWAY CROSS SECTIONS ARRIVALS LEVEL 6	9/10/2020	BULLETIN #32	3
C-11.1.08		ROADWAY CROSS SECTIONS ARRIVALS LEVEL 6	9/10/2020	BULLETIN #32	3
C-11.1.09		ROADWAY CROSS SECTIONS COMMERCIAL	11/21/2018	BULLETIN # 13	1
C-11.1.10		ROADWAY CROSS SECTIONS COMMERCIAL	11/21/2018	BULLETIN # 13	1
C-11.1.10A		ROADWAY CROSS SECTIONS BYPASS ROAD	9/13/2019	BULLETIN #26	2
C-11.1.11		ROADWAY CROSS SECTIONS SERVICE-C1	11/21/2018	BULLETIN # 13	1
C-11.1.12		ROADWAY CROSS SECTIONS SERVICE-C1	11/21/2018	BULLETIN # 13	1
C-11.1.13		ROADWAY CROSS SECTIONS SERVICE-C2	11/21/2018	BULLETIN # 13	1
C-11.1.14		ROADWAY CROSS SECTIONS SERVICE-C2	11/21/2018	BULLETIN # 13	1
C-11.1.15		ROADWAY CROSS SECTIONS SERVICE-C3	11/21/2018	BULLETIN # 13	1
C-11.1.16		ROADWAY CROSS SECTIONS SERVICE-C4	11/21/2018	BULLETIN # 13	1
C-11.1.17		ROADWAY CROSS SECTIONS SERVICE-C5	11/21/2018	BULLETIN # 13	1

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C-11.1.19		ROADWAY CROSS SECTIONS GTF	9/13/2019	BULLETIN #26	2
C-11.1.20		ROADWAY CROSS SECTIONS TERMINAL C SERVICE ROAD	2/7/2020	DSI #002	2
C-11.1.21		ROADWAY CROSS SECTIONS TERMINAL C SERVICE ROAD	11/21/2018	BULLETIN # 13	1
C-11.1.22		ROADWAY CROSS SECTIONS	9/13/2019	BULLETIN #26	1
C11.2.01		OUC ACCESS ROAD-ROADWAY CROSS SECTIONS	9/14/2018	BULLETIN #10	1
C11.2.02		OUC ACCESS ROAD-ROADWAY CROSS SECTIONS	9/14/2018	BULLETIN #10	1
C11.2.03		OUC ACCESS ROAD-ROADWAY CROSS SECTIONS	6/14/2019	BULLETIN #24	3
C11.2.04		OUC ACCESS ROAD-ROADWAY CROSS SECTIONS	6/14/2019	BULLETIN #24	3
C11.2.05		OUC ACCESS ROAD-ROADWAY CROSS SECTIONS	6/14/2019	BULLETIN #24	3
C11.2.06		OUC ACCESS ROAD-ROADWAY CROSS SECTIONS	9/14/2018	BULLETIN #10	1
C11.2.07		OUC ACCESS ROAD-ROADWAY CROSS SECTIONS	9/14/2018	BULLETIN #10	1
C11.2.08		OUC ACCESS ROAD-ROADWAY CROSS SECTIONS	3/13/2019	BULLETIN # 19	3
C11.2.09		OUC ACCESS ROAD-ROADWAY CROSS SECTIONS	3/13/2019	BULLETIN # 19	3
C-15.0.01		MASS GRADING & SURCHARGE PLAN	12/1/2017	IPC	
C-15.0.02		MASS GRADING & SURCHARGE PLAN	11/21/2018	BULLETIN # 13	1
C-15.0.04		MASS GRADING & SURCHARGE PLAN	11/21/2018	BULLETIN # 13	1
C-15.0.05		MASS GRADING & SURCHARGE PLAN	11/21/2018	BULLETIN # 13	1
C-15.0.07		MASS GRADING & SURCHARGE PLAN	12/1/2017	IPC	
C-15.0.08		MASS GRADING & SURCHARGE PLAN	11/21/2018	BULLETIN # 13	1
C-15.0.10		MASS GRADING & SURCHARGE PLAN	12/1/2017	IPC	
C-15.0.11		MASS GRADING & SURCHARGE PLAN	11/21/2018	BULLETIN # 13	1
C-15.0.13		MASS GRADING & SURCHARGE PLAN	12/1/2017	IPC	
C-15.0.14		MASS GRADING & SURCHARGE PLAN	12/1/2017	IPC	
C-15.1.01		GRADING & DRAINAGE PLAN	9/10/2020	DSI #004	5
C-15.1.02		GRADING & DRAINAGE PLAN	9/10/2020	BULLETIN #32	4
C-15.1.03X		GRADING & DRAINAGE PLAN	3/13/2019	BULLETIN # 19	2
C-15.1.04		GRADING & DRAINAGE PLAN	11/21/2018	BULLETIN # 13	2
C-15.1.04X		GRADING & DRAINAGE PLAN	9/10/2020	BULLETIN #32	3
C-15.1.05		GRADING & DRAINAGE PLAN	9/10/2020	BULLETIN #32	4
C-15.1.06		GRADING & DRAINAGE PLAN	11/21/2018	BULLETIN # 13	2
C-15.1.06X		GRADING & DRAINAGE PLAN	2/7/2020	DSI #002	3
C-15.1.07		GRADING & DRAINAGE PLAN	2/7/2020	DSI #002	3
C-15.1.07X		GRADING & DRAINAGE PLAN	9/10/2020	DSI #004	4
C-15.1.08		GRADING & DRAINAGE PLAN	9/10/2020	BULLETIN #32	7
C-15.1.10		GRADING & DRAINAGE PLAN	3/13/2019	BULLETIN # 19	3
C-15.1.11		GRADING & DRAINAGE PLAN	9/13/2019	BULLETIN #26	3
C-15.1.14		GRADING & DRAINAGE PLAN	9/13/2019	BULLETIN #26	4
C-15.1.15		GRADING & DRAINAGE PLAN	3/13/2019	BULLETIN # 19	4
C-15.1.16		GRADING & DRAINAGE PLAN	9/13/2019	BULLETIN #26	1
C-16.0.01		DRAINAGE & POND DETAILS ENDWALL NO. 1 (DOUBLE 72" RCP)	12/1/2017	IPC	
C-16.0.02		DRAINAGE & POND DETAILS (GDC-1 BOX CULVERT)	2/7/2020	DSI #002	3
C-16.0.03		DRAINAGE & POND DETAILS (TD-1 BOX CULVERT)	2/7/2020	DSI #002	3
C-16.0.03A		DRAINAGE & POND DETAILS (OD-70 BOX CULVERT)	9/10/2020	BULLETIN #32	3
C-16.0.03B		DITCH ARMORING DETAILS	9/10/2020	BULLETIN #32	2
C-16.0.04		DRAINAGE DETAILS	9/10/2020	DSI #004	2
C-16.0.05		DRAINAGE DETAILS - FLUMES	9/13/2019	BULLETIN #26	2
C-16.0.06		DRAINAGE DETAILS - FLUMES	9/13/2019	BULLETIN #26	2
C-16.0.07		DRAINAGE DETAILS - TRENCH DRAINS SERVICE ROAD C-1	12/1/2017	IPC	
C-16.0.08		DRAINAGE DETAILS - TRENCH DRAINS SERVICE ROAD C-1	12/1/2017	IPC	
C-16.0.09		ROOF CONNECTION DETAILS - EMERGENCY GENERATOR	6/14/2019	BULLETIN #24	1
C-16.0.10		ROOF CONNECTION DETAILS - CHECK POINT DELTA	11/21/2018	BULLETIN # 13	1
C-16.0.11		ROOF CONNECTION DETAILS - GARAGE/ GTF	5/15/2020	DSI #003	3
C-16.0.11A		ROOF CONNECTION DETAILS - GARAGE/ GTF	9/10/2020	BULLETIN #32	3
C-16.0.12		ROOF CONNECTION DETAILS - CEP	6/14/2019	BULLETIN #24	1
C-16.0.13		CONVEYANCE PIPE DETAILS - BRIDGE, CANOPY & HARDSCAPE	6/14/2019	BULLETIN #24	2
C-16.0.14		CONVEYANCE PIPE DETAILS - BRIDGE, CANOPY & HARDSCAPE	9/13/2019	BULLETIN #26	5
C-16.0.15		TRAFFIC SEPARATOR INLET DETAIL	11/21/2018	BULLETIN # 13	1
C-16.0.16		SUPERSTRUCTURE LEVEL 2 DRAINAGE DETAIL (1 OF 2)	3/13/2019	BULLETIN # 19	2
C-16.0.17		SUPERSTRUCTURE LEVEL 2 DRAINAGE DETAIL (2 OF 2)	3/13/2019	BULLETIN # 19	2
C-16.0.17A		SUPERSTRUCTURE LEVEL 2 DRAINAGE DETAIL (3 OF 3)	3/13/2019	BULLETIN # 19	3
C-16.0.18		SUPERSTRUCTURE LEVEL 6 DRAINAGE DETAIL (1 OF 2)	3/13/2019	BULLETIN # 19	2
C-16.0.19		SUPERSTRUCTURE LEVEL 6 DRAINAGE DETAIL (2 OF 2)	3/13/2019	BULLETIN # 19	2
C-16.0.19A		SUPERSTRUCTURE LEVEL 6 DRAINAGE DETAIL (3 OF 3)	3/13/2019	BULLETIN # 19	2
C-16.0.20		SUPERSTRUCTURE DRAINAGE DETAIL	2/28/2019	BULLETIN # 18	2
C-16.0.21		WETLAND & FIRE LANE STAKING DETAILS	3/13/2019	BULLETIN # 19	2

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C-16.0.24		DRAINAGE DETAILS - FLUME	9/13/2019	BULLETIN #26	1
C-17.0.01		EROSION CONTROL PLAN	3/13/2019	BULLETIN # 19	2
C-17.0.02		EROSION CONTROL PLAN	9/10/2020	BULLETIN #32	3
C-17.0.03X		EROSION CONTROL PLAN	11/21/2018	BULLETIN # 13	1
C-17.0.04		EROSION CONTROL PLAN	11/21/2018	BULLETIN # 13	1
C-17.0.04X		EROSION CONTROL PLAN	9/10/2020	BULLETIN #32	3
C-17.0.05		EROSION CONTROL PLAN	9/10/2020	BULLETIN #32	3
C-17.0.06		EROSION CONTROL PLAN	11/21/2018	BULLETIN # 13	1
C-17.0.06X		EROSION CONTROL PLAN	11/21/2018	BULLETIN # 13	1
C-17.0.07		EROSION CONTROL PLAN	11/21/2018	BULLETIN # 13	1
C-17.0.X		EROSION CONTROL PLAN	11/21/2018	BULLETIN # 13	1
C-17.0.08		EROSION CONTROL PLAN	9/10/2020	BULLETIN #32	3
C-17.0.10		EROSION CONTROL PLAN	11/21/2018	BULLETIN # 13	1
C-17.0.11		EROSION CONTROL PLAN	9/13/2019	BULLETIN #26	2
C-17.0.13		EROSION CONTROL PLAN	12/1/2017	IPC	
C-17.0.14		EROSION CONTROL PLAN	9/13/2019	BULLETIN #26	2
C-17.0.15		EROSION CONTROL PLAN	11/21/2018	BULLETIN # 13	1
C-17.0.17		EROSION CONTROL PLAN	12/1/2017	IPC	
C-17.0.19		STORMWATER POLLUTION PREVENTION PLAN (SWPPP)	11/21/2018	BULLETIN # 13	1
C-17.0.20		STORMWATER POLLUTION PREVENTION PLAN (SWPPP)	9/14/2018	BULLETIN #10	1
C-18.0.01		ENDWALL NO. 1 DETAILS	12/1/2017	IPC	
C-18.0.02		BOX CULVERT TABLE OF VARIABLES	11/21/2018	BULLETIN # 13	1
C-18.0.03		BOX CULVERT TABLE OF VARIABLES	3/13/2019	BULLETIN # 19	2
C-18.5.01		BOX CULVERT OD-70 PLAN & TABLE OF VARIABLES	3/13/2019	BULLETIN # 19	1
C-20.0.01		DRAINAGE STRUCTURES - ARRIVALS & DEPARTURES	11/21/2018	BULLETIN # 13	1
C-20.0.02		DRAINAGE STRUCTURES -ARRIVALS & DEPARTURES	11/21/2018	BULLETIN # 13	1
C-20.0.03		DRAINAGE STRUCTURES - (ARRIVALS & DEPARTURES)	11/21/2018	BULLETIN # 13	1
C-20.0.04		DRAINAGE STRUCTURES - (ARRIVALS & DEPARTURES)	9/10/2020	DSI #004	2
C-20.0.05		DRAINAGE STRUCTURES - (ARRIVALS & DEPARTURES)	11/21/2018	BULLETIN # 13	2
C-20.0.06		DRAINAGE STRUCTURES - (ARRIVALS & DEPARTURES)	3/13/2019	BULLETIN # 19	2
C-20.0.07		DRAINAGE STRUCTURES - (ARRIVALS & DEPARTURES)	9/10/2020	BULLETIN #32	3
C-20.0.10		DRAINAGE STRUCTURES - COMMERCIAL ROAD	11/21/2018	BULLETIN # 13	1
C-20.0.11		DRAINAGE STRUCTURES - COMMERCIAL ROAD	11/21/2018	BULLETIN # 13	1
C-20.0.12		DRAINAGE STRUCTURES - COMMERCIAL ROAD	5/15/2020	DSI #003	2
C-20.0.13		DRAINAGE STRUCTURES - COMMERCIAL ROAD	11/21/2018	BULLETIN # 13	1
C-20.0.14		DRAINAGE STRUCTURES - COMMERCIAL ROAD	9/13/2019	BULLETIN #26	3
C-20.0.15		DRAINAGE STRUCTURES - COMMERCIAL ROAD	11/21/2018	BULLETIN # 13	1
C-20.0.16		DRAINAGE STRUCTURES - COMMERCIAL ROAD	3/13/2019	BULLETIN # 19	2
C-20.0.17		DRAINAGE STRUCTURES - COMMERCIAL ROAD	9/10/2020	BULLETIN #32	2
C-20.0.20		DRAINAGE STRUCTURES - SERVICE-C1	11/21/2018	BULLETIN # 13	2
C-20.0.21		DRAINAGE STRUCTURES - SERVICE-C1	11/21/2018	BULLETIN # 13	2
C-20.0.22		DRAINAGE STRUCTURES - SERVICE-C1	11/21/2018	BULLETIN # 13	1
C-20.0.23		DRAINAGE STRUCTURES - SERVICE-C1	11/21/2018	BULLETIN # 13	1
C-20.0.24		DRAINAGE STRUCTURES - SERVICE-C1	11/21/2018	BULLETIN # 13	1
C-20.0.25		DRAINAGE STRUCTURES - SERVICE-C1	11/21/2018	BULLETIN # 13	2
C-20.0.26		DRAINAGE STRUCTURES - SERVICE-C1	11/21/2018	BULLETIN # 13	2
C-20.0.27		DRAINAGE STRUCTURES - SERVICE-C2	3/13/2019	BULLETIN # 19	2
C-20.0.28		DRAINAGE STRUCTURES - SERVICE-C2	11/21/2018	BULLETIN # 13	1
C-20.0.29		DRAINAGE STRUCTURES - SERVICE-C2	11/21/2018	BULLETIN # 13	1
C-20.0.30		DRAINAGE STRUCTURES - SERVICE-C3	11/21/2018	BULLETIN # 13	1
C-20.0.31		DRAINAGE STRUCTURES - SERVICE-C6	11/21/2018	BULLETIN # 13	1
C-20.0.32		DRAINAGE STRUCTURES - SERVICE-C7	11/21/2018	BULLETIN # 13	1
C-20.0.33		DRAINAGE STRUCTURES - SERVICE-C7	11/21/2018	BULLETIN # 13	1
C-20.0.34		DRAINAGE STRUCTURES - SERVICE-C7	11/21/2018	BULLETIN # 13	1
C-20.0.35		DRAINAGE STRUCTURES - SERVICE-C7	11/21/2018	BULLETIN # 13	1
C-20.0.36		DRAINAGE STRUCTURES - SERVICE-C7	11/21/2018	BULLETIN # 13	1
C-20.0.37		DRAINAGE STRUCTURES - SERVICE ROAD QTA	9/10/2020	BULLETIN #32	2
C-20.0.40		DRAINAGE STRUCTURES - RAMP A WIDENING	2/19/2018	BULLETIN #3	2
C-20.0.41		DRAINAGE STRUCTURES - RAMP A WIDENING	12/1/2017	IPC	
C-20.0.42		DRAINAGE STRUCTURES - RAC	9/10/2020	#N/A	2
C-20.0.43		DRAINAGE STRUCTURES - RAC	9/10/2020	BULLETIN #32	4
C-20.0.44		DRAINAGE STRUCTURES - SOUTH ACCESS	9/10/2020	BULLETIN #32	2
C-20.0.44A		DRAINAGE STRUCTURES - GTF	11/21/2018	BULLETIN # 13	1
C-20.0.45		DRAINAGE STRUCTURES - DATA TABLE	9/10/2020	DSI #004	7
C-20.0.46		DRAINAGE STRUCTURES RAMP A WIDENING	9/13/2019	BULLETIN #26	1

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	C-26.1.01	SOIL SURVEY PROFILES	12/1/2017	IPC	
	C-26.1.02	SOIL SURVEY PROFILES	12/1/2017	IPC	
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	C-26.1.08	SOIL SURVEY PROFILES	12/1/2017	IPC	
	C-26.1.09	SOIL SURVEY PROFILES	12/1/2017	IPC	
	C-26.1.10	SOIL SURVEY PROFILES	12/1/2017	IPC	
	C-26.1.11	SOIL SURVEY PROFILES	12/1/2017	IPC	
	C-26.1.12	SOIL SURVEY PROFILES	11/21/2018	BULLETIN # 13	1
	C-26.1.13	SOIL SURVEY PROFILES	11/21/2018	BULLETIN # 13	1
	C-26.1.14	SOIL SURVEY PROFILES	11/21/2018	BULLETIN # 13	1
	C-26.1.15	SOIL SURVEY PROFILES	11/21/2018	BULLETIN # 13	1
	C-26.1.16	SOIL SURVEY PROFILES	11/21/2018	BULLETIN # 13	1
	C-26.1.17	SOIL SURVEY PROFILES	11/21/2018	BULLETIN # 13	1
	C-26.1.18	SOIL SURVEY PROFILES	11/21/2018	BULLETIN # 13	1
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	C-26.1.19	SOIL SURVEY PROFILES	3/13/2019	BULLETIN # 19	1
	C-35.0.00	UTILITIES OVERVIEW	9/10/2020	BULLETIN #32	5
	C-35.0.01	UTILITIES PLAN	5/15/2020	DSI #003	4
	C-35.0.02	UTILITIES PLAN	9/10/2020	BULLETIN #32	7
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	C-35.0.04	UTILITIES PLAN	9/10/2020	BULLETIN #32	12
	C-35.0.04X	UTILITIES PLAN	9/10/2020	BULLETIN #32	3
	C-35.0.05	UTILITIES PLAN	9/10/2020	BULLETIN #32	7
	C-35.0.06X	UTILITIES PLAN	3/13/2019	BULLETIN # 19	2
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	C-35.0.07X	UTILITIES PLAN	3/13/2019	BULLETIN # 19	2
	C-35.0.08	UTILITIES PLAN	9/10/2020	BULLETIN #32	12
	C-35.0.08X	UTILITIES PLAN	3/13/2019	BULLETIN # 19	2
	C-35.0.10	UTILITIES PLAN	9/10/2020	DSI #004	10
	C-35.0.11	UTILITIES PLAN	6/14/2019	BULLETIN #24	7
	C-35.0.14	UTILITIES PLAN	2/7/2020	DSI #002	11
	C-35.0.15	UTILITIES PLAN	2/7/2020	BULLETIN #30	6
	C-35.0.17	UTILITIES PLAN	2/7/2020	BULLETIN #30	5
	C-35.0.30	UTILITIES PLAN - INSET A	11/15/2019	BULLETIN #27	6
	C-35.0.40	FDEP WATER SAMPLING PLAN OVERVIEW	9/10/2020	BULLETIN #32	4
	C-35.1.01	SANITARY SEWER PROFILES	12/13/2019	BULLETIN #28	7
	C-35.1.02	SANITARY SEWER PROFILES	3/13/2019	BULLETIN # 19	4
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	C-35.1.03	SANITARY SEWER PROFILES	9/10/2020	DSI #004	10
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	C-35.1.05	SANITARY FORCE MAIN PROFILES	9/10/2020	BULLETIN #32	5
	C-35.1.05A	SANITARY FORCE MAIN PROFILES	2/7/2020	DSI #002	5
	C-35.1.05B	SANITARY FORCE MAIN PROFILES	3/13/2019	BULLETIN # 19	2
	C-35.1.05C	SANITARY FORCE MAIN PROFILES	2/7/2020	DSI #002	2
	C-35.1.06	SANITARY FORCE MAIN PROFILES	2/20/2019	BULLETIN # 17	6
	C-35.1.06A	SANITARY FORCE MAIN PROFILES	2/7/2020	BULLETIN #30	3
	C-35.1.07	WATER MAIN PROFILES	9/10/2020	BULLETIN #32	7
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	C-35.1.07C	WATER MAIN PROFILES	6/14/2019	BULLETIN #24	4
	C-35.1.08	WATER MAIN PROFILES	9/10/2020	BULLETIN #32	8
	C-35.1.09	WATER MAIN PROFILES	6/14/2019	BULLETIN #24	9
	C-35.1.10	WATER MAIN PROFILES	9/13/2019	BULLETIN #26	7
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	C-35.1.12	WATER MAIN PROFILES	3/28/2018	BULLETIN #4	1
	C-35.1.12	WATER MAIN PROFILES	5/22/2019	BULLETIN # 22	6
	C-35.1.12	WATER MAIN PROFILES	6/14/2019	BULLETIN #24	1
	C35.2.01	TEMPORARY RELOCATE OF EXISTING FORCE MAIN PLAN	12/9/2019	DSI #001	1
	C35.2.02	TEMPORARY RELOCATE OF EXISTING FORCE MAIN PLAN	12/9/2019	DSI #001	1
	C35.2.03	TEMPORARY RELOCATE OF EXISTING FORCE MAIN PLAN	5/15/2020	DSI #003	1
	C35.2.04	TEMPORARY RELOCATE OF EXISTING FORCE MAIN PROFILE	5/15/2020	DSI #003	1
	C-36.0.01	LIFT STATION #1 DETAIL	4/5/2019	BULLETIN # 20	5

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C-36.0.03	SANITARY GRINDER LIFT STATION	9/10/2018	BULLETIN # 11	3
C-36.0.04	SANITARY DETAILS	8/8/2018	BULLETIN #9	3
C-36.0.05	SANITARY DETAILS	3/28/2018	BULLETIN #4	1
C-36.0.06	SANITARY DETAILS	12/1/2017	IPC	
C-36.0.06A	SANITARY GREASE INTERCEPTOR AND OW SEPARATOR	9/13/2019	BULLETIN #26	1
C-36.0.07	SANITARY GRINDER LIFT STATION ELECTRICAL	3/28/2018	BULLETIN #4	1
C-36.0.08	LIFT STATION #2 MONORAIL CRANE DETAILS	6/7/2018	BULLETIN #6	2
C-36.0.09	LIFT STATION JOINT DETAIL	9/10/2020	DSI #004	1
C-36.1.01	LIFT STATION #1 ELECTRICAL	9/10/2020	DSI #004	8
C-36.1.02	LIFT STATION #2 ELECTRICAL	5/15/2020	DSI #003	7
C-36.1.03	LIFT STATION #2 ELECTRICAL BUILDING AND PANEL SCHEDULES	9/10/2020	DSI #004	5
C-36.1.03A	LIFT STATION GENERATOR ENCLOSURE	5/15/2020	DSI #003	3
C-36.1.04	LIFT STATION 1 - PUMP CONTROL PANEL 2	11/2/2018	BULLETIN # 12	2
C-36.1.05	DP INT LAYOUT	11/2/2018	BULLETIN # 12	2
C-36.1.05A	LIFT STATION 1 - PUMP CONTROL PANEL BOM (1OF2)	8/8/2018	BULLETIN #9	1
C-36.1.05B	LIFT STATION 1 - PUMP CONTROL PANEL BOM (2OF2)	8/8/2018	BULLETIN #9	1
C-36.1.06	DP O-L LAYOUT	11/2/2018	BULLETIN # 12	2
C-36.1.06A	SANITARY GREASE INTERCEPTOR AND OW SEPARATOR	8/8/2018	BULLETIN #9	1
C-36.1.06B	LIFT STATION 1-PUMP CONTROL PANEL	8/8/2018	BULLETIN #9	1
C-36.1.07	TP FP LAYOUT	8/8/2018	BULLETIN #9	2
C-36.1.08	TP INT LAYOUT	8/8/2018	BULLETIN #9	2
C-36.1.09	TP O-L WIRING	8/8/2018	BULLETIN #9	2
C-36.1.10	BOM	11/2/2018	BULLETIN # 12	4
C-36.1.11	COMM 12VDC GRD DETAILS	11/2/2018	BULLETIN # 12	4
C-36.1.12	FRONT	11/2/2018	BULLETIN # 12	4
C-36.1.13	INT	11/2/2018	BULLETIN # 12	4
C-36.1.14	POWER DISTR 1	11/2/2018	BULLETIN # 12	4
C-36.1.15	RELAY CTRL WIRING	11/2/2018	BULLETIN # 12	4
C-36.1.16	S1 MOD WIRING (1)	11/2/2018	BULLETIN # 12	4
C-36.1.17	S1 MOD WIRING (2)	11/2/2018	BULLETIN # 12	4
C-36.1.18	S1 MOD WIRING (3)	11/2/2018	BULLETIN # 12	4
C-36.1.19	S2 MOD WIRING (1)	11/2/2018	BULLETIN # 12	4
C-36.1.20	S2 MOD WIRING (2)	9/10/2018	BULLETIN # 11	3
C-36.1.21	S2 MOD WIRING (3)	9/10/2018	BULLETIN # 11	2
C-36.1.22	WIRE ASSIGN (1)	9/10/2018	BULLETIN # 11	2
C-36.1.23	WIRE ASSIGN (2)	9/10/2018	BULLETIN # 11	2
C-36.1.24	WIRE ASSIGN (3)	9/10/2018	BULLETIN # 11	2
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C-36.1.26	DETAIL 931A	11/2/2018	BULLETIN # 12	2
C-36.1.27	DETAIL 931B	11/2/2018	BULLETIN # 12	2
C-36.1.28	DETAIL 931C	11/2/2018	BULLETIN # 12	2
C-36.1.29	DETAIL 931D	11/2/2018	BULLETIN # 12	2
C-36.1.30	CTRL PT2	11/2/2018	BULLETIN # 12	3
C-36.1.31	CTRL PT3	11/2/2018	BULLETIN # 12	2
C-36.1.32	CTRL PT4	11/2/2018	BULLETIN # 12	2
C-36.1.33	CTRL WIRING TO RTU	11/2/2018	BULLETIN # 12	2
C-36.1.34	FP	11/2/2018	BULLETIN # 12	2
C-36.1.35	INT LAYOUT	11/2/2018	BULLETIN # 12	2
C-36.1.35A	LIFT STATION 2-VFD PANEL BOM	11/2/2018	BULLETIN # 12	2
C-36.1.35B	LIFT STATION 2-VFD PANEL BOM	11/2/2018	BULLETIN # 12	2
C-36.1.36	O-L	11/2/2018	BULLETIN # 12	2
C-36.1.37	PNL DISPL COMM	11/2/2018	BULLETIN # 12	2
C-36.1.38	PWR DISTR-CTRL PT1	11/2/2018	BULLETIN # 12	2
C-36.1.39	BOM	11/2/2018	BULLETIN # 12	3
C-36.1.40	COMM 12VDC GRD DETAILS	11/2/2018	BULLETIN # 12	3
C-36.1.41	FRONT	11/2/2018	BULLETIN # 12	3
C-36.1.42	INT	11/2/2018	BULLETIN # 12	3
C-36.1.43	LC PMP OVR AND INTRUSTION WIRING	11/2/2018	BULLETIN # 12	2
C-36.1.44	POWER DISTR 1	11/2/2018	BULLETIN # 12	3
C-36.1.45	RELAY CTRL WIRING	11/2/2018	BULLETIN # 12	3
C-36.1.46	S1 MOD WIRING (1)	11/2/2018	BULLETIN # 12	3
C-36.1.47	S1 MOD WIRING (2)	11/2/2018	BULLETIN # 12	2
C-36.1.48	S1 MOD WIRING (3)	11/2/2018	BULLETIN # 12	2
C-36.1.49	S2 MOD WIRING (1)	11/2/2018	BULLETIN # 12	2
C-36.1.50	S2 MOD WIRING (2)	11/2/2018	BULLETIN # 12	3
C-36.1.51	S2 MOD WIRING (3)	11/2/2018	BULLETIN # 12	3

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C-36.1.52	S3 MOD WIRING (2)		11/2/2018	BULLETIN # 12	2
C-36.1.53	S3 MOD WIRING (3)		11/2/2018	BULLETIN # 12	2
C-36.1.54	S3 MOD WIRING (1)		11/2/2018	BULLETIN # 12	2
C-36.1.55	S4 MOD WIRING		11/2/2018	BULLETIN # 12	2
C-36.1.56	S5 MOD WIRING		11/2/2018	BULLETIN # 12	2
C-36.1.57	WIRE ASSIGN (1)		11/2/2018	BULLETIN # 12	2
C-36.1.58	WIRE ASSIGN (2)		11/2/2018	BULLETIN # 12	2
C-36.1.59	WIRE ASSIGN (3)		11/2/2018	BULLETIN # 12	3
C-36.1.60	WIRE ASSIGN (4)		11/2/2018	BULLETIN # 12	2
C-36.1.61	WIRE ASSIGN (5)		11/2/2018	BULLETIN # 12	2
C-36.1.62	WIRE ASSIGN (6)		11/2/2018	BULLETIN # 12	2
C-36.1.63	LIFT STATION NO. 2 RADIO INSTALLATION		11/2/2018	BULLETIN # 12	1
C-36.1.64	BOM - 1		11/2/2018	BULLETIN # 12	2
C-36.1.65	CTRL WIRING - FTB		11/2/2018	BULLETIN # 12	2
C-36.1.66	FP LAYOUT		11/2/2018	BULLETIN # 12	2
C-36.1.67	INT LAYOUT		11/2/2018	BULLETIN # 12	2
C-36.1.68	BOM - 1		11/2/2018	BULLETIN # 12	2
C-36.1.69	BOM - 2		11/2/2018	BULLETIN # 12	2
C-36.1.70	CTRL WIRING - FTB		11/2/2018	BULLETIN # 12	2
C-36.1.71	FP LAYOUT		11/2/2018	BULLETIN # 12	2
C-36.1.72	INT LAYOUT		11/2/2018	BULLETIN # 12	2
C-36.1.73	GRD DETAILS 1		11/2/2018	BULLETIN # 12	2
C-36.1.74	GRD DETAILS 2		11/2/2018	BULLETIN # 12	2
C-36.1.75	GRD DETAILS 3		11/2/2018	BULLETIN # 12	2
C-36.1.76	GRD DETAILS 4		11/2/2018	BULLETIN # 12	2
C-36.1.77	GRD DETAILS 5		11/2/2018	BULLETIN # 12	2
C-36.1.78	GRD DETAILS 6		11/2/2018	BULLETIN # 12	2
C-36.1.79	LIFT STATION GROUNDING DETAIL (7 OF 7)		11/2/2018	BULLETIN # 12	1
C-36.1.80	DETAILS 909		11/2/2018	BULLETIN # 12	2
C-36.1.81	LIFT STATION -UNDERGROUND DUCT		11/2/2018	BULLETIN # 12	1
C-36.1.82	DETAILS 911		11/2/2018	BULLETIN # 12	2
C-36.1.83	INSTRUMENT PEDESTAL MOUNTING DETAIL		11/2/2018	BULLETIN # 12	1
C-36.1.84	DETAILS 913		11/2/2018	BULLETIN # 12	2
C-36.1.86	DETAILS 915A		9/10/2018	BULLETIN # 11	1
C-36.1.87	DETAILS 915B		11/2/2018	BULLETIN # 12	2
C-36.1.88	DETAILS 916		11/2/2018	BULLETIN # 12	2
C-36.1.89	DETAILS 917		11/2/2018	BULLETIN # 12	2
C-36.1.90	LIFT STATION -TRANSMITTERELEMENT DETAIL		11/2/2018	BULLETIN # 12	1
C-36.1.91	DETAILS 919		11/2/2018	BULLETIN # 12	2
C-36.1.92	DETAILS 920		11/2/2018	BULLETIN # 12	2
C-36.1.93	LIFT STATION -TRANSFORMERINSTALLATION		11/2/2018	BULLETIN # 12	1
C-36.1.94	DETAILS 922		11/2/2018	BULLETIN # 12	1
C-36.1.95	DETAILS 923		11/2/2018	BULLETIN # 12	2
C-36.1.96	DETAILS 924		11/2/2018	BULLETIN # 12	2
C-36.1.97	DETAILS 925		11/2/2018	BULLETIN # 12	2
C-36.1.98	LIFT STATION EQUIPMENT RACK BASE DETAIL		9/10/2018	BULLETIN # 11	1
C-36.1.99	LIFT STATION- REMOTE DEVICE INSTALLATION		9/10/2018	BULLETIN # 11	1
C-37.0.01	WATER DETAILS		12/1/2017	IPC	
C-37.0.02	WATER DETAILS		3/28/2018	BULLETIN #4	1
C-40.0.01	SIGNING & MARKING PLAN		11/21/2018	BULLETIN # 13	2
C-40.0.02	SIGNING & MARKING PLAN		9/10/2020	BULLETIN #32	4
C-40.0.03	SIGNING & MARKING PLAN		1/31/2020	BULLETIN #29	1
C-40.0.03A	SIGNING & MARKING PLAN		1/31/2020	BULLETIN #29	1
C-40.0.03B	SIGNING & MARKING PLAN		1/31/2020	BULLETIN #29	1
C-40.0.03X	SIGNING & MARKING PLAN		11/21/2018	BULLETIN # 13	1
C-40.0.04	SIGNING & MARKING PLAN		11/21/2018	BULLETIN # 13	2
C-40.0.04X	SIGNING & MARKING PLAN		9/10/2020	BULLETIN #32	2
C-40.0.05	SIGNING & MARKING PLAN		9/10/2020	BULLETIN #32	3
C-40.0.06	SIGNING & MARKING PLAN		1/31/2020	BULLETIN #29	1
C-40.0.06A	SIGNING & MARKING PLAN		1/31/2020	BULLETIN #29	1
C-40.0.06X	SIGNING & MARKING PLAN		11/21/2018	BULLETIN # 13	1
C-40.0.07	SIGNING & MARKING PLAN		11/21/2018	BULLETIN # 13	1
C-40.0.07X	SIGNING & MARKING PLAN		11/21/2018	BULLETIN # 13	1
C-40.0.08	SIGNING & MARKING PLAN		9/10/2020	BULLETIN #32	3
C-40.0.08A	SIGNING & MARKING PLAN		11/21/2018	BULLETIN # 13	2
C-40.0.09	SIGNING & MARKING PLAN		12/1/2017	IPC	
C-40.0.09A	SIGNING & MARKING PLAN		1/31/2020	BULLETIN #29	1

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C-40.0.11		SIGNING & MARKING PLAN	1/31/2020	BULLETIN #29	4
C-40.0.11X		SIGNING & MARKING PLAN	11/21/2018	BULLETIN # 13	1
C-40.0.12		SIGNING & MARKING PLAN	1/31/2020	BULLETIN #29	1
C-40.0.12A		SIGNING & MARKING PLAN	1/31/2020	BULLETIN #29	1
C-40.0.13		SIGNING & MARKING PLAN	12/1/2017	IPC	
C-40.0.14		SIGNING & MARKING PLAN	1/31/2020	BULLETIN #29	4
C-40.0.15		SIGNING & MARKING PLAN	1/31/2020	BULLETIN #29	2
C-40.0.16		SIGNING & MARKING PLAN	12/1/2017	IPC	
C-40.0.17		SIGNING & MARKING PLAN	12/1/2017	IPC	
C-40.0.18		SIGNING & MARKING PLAN	1/31/2020	BULLETIN #29	2
C-40.0.19		SIGNING & MARKING PLAN	12/1/2017	IPC	
C-40.0.20		SIGNING & MARKING PLAN	1/31/2020	BULLETIN #29	1
C-40.0.21		SIGNING & MARKING PLAN	1/31/2020	BULLETIN #29	1
C-40.0.22		SIGNING & MARKING PLAN	1/31/2020	BULLETIN #29	1
C-40.0.23		SIGNING & MARKING PLAN	12/1/2017	IPC	
C-40.0.24		SIGNING & MARKING PLAN	1/31/2020	BULLETIN #29	2
C-40.0.25		SIGNING & MARKING PLAN	12/1/2017	IPC	
C-40.0.26		SIGNING & MARKING PLAN	12/1/2017	IPC	
C-40.0.27		SIGNING & MARKING PLAN	1/31/2020	BULLETIN #29	1
C-40.0.28		SIGNING & MARKING PLAN	1/31/2020	BULLETIN #29	1
C-40.0.29		SIGNING & MARKING PLAN	1/31/2020	BULLETIN #29	1
C-40.0.30		SIGNING & MARKING PLAN	1/31/2020	BULLETIN #29	1
C-40.0.31 1/31		SIGNING & MARKING PLAN	12/1/2017	IPC	
C-40.0.32		SIGNING & MARKING PLAN	1/31/2020	BULLETIN #29	2
C-40.0.33		SIGNING & MARKING PLAN	1/31/2020	BULLETIN #29	1
C-40.0.34		SIGNING & MARKING PLAN	12/1/2017	IPC	
C-40.0.351		SIGNING & MARKING PLAN	12/1/2017	IPC	
C-40.0.36		SIGNING & MARKING PLAN	1/31/2020	BULLETIN #29	1
C-40.0.37		SIGNING & MARKING PLAN	1/31/2020	BULLETIN #29	1
C-40.0.38		SIGNING & MARKING PLAN	12/1/2017	IPC	
C-40.0.39		SIGNING & MARKING PLAN	12/1/2017	IPC	
C-40.0.40		SIGNING & MARKING PLAN	12/1/2017	IPC	
C-40.0.41		SIGNING & MARKING PLAN	12/1/2017	IPC	
C-40.0.42		SIGNING & MARKING PLAN	12/1/2017	IPC	
C-40.0.43		SIGNING & MARKING PLAN	12/1/2017	IPC	
C-40.1.01		SIGN DETAILS AND SECTIONS	9/13/2019	BULLETIN #26	1
C-40.2.01		SIGN PANEL LAYOUT	12/1/2017	IPC	
C-40.2.02		SIGN PANEL LAYOUT	1/31/2020	BULLETIN #29	1
C-40.2.03		SIGN PANEL LAYOUT	1/31/2020	BULLETIN #29	1
C-40.2.04		SIGN PANEL LAYOUT	1/31/2020	BULLETIN #29	1
C-40.2.05		SIGN PANEL LAYOUT	1/31/2020	BULLETIN #29	1
C-40.2.06		SIGN PANEL LAYOUT	1/31/2020	BULLETIN #29	1
C-40.2.07		SIGN PANEL LAYOUT	1/31/2020	BULLETIN #29	1
C-40.2.08		SIGN PANEL LAYOUT	1/31/2020	BULLETIN #29	1
C-40.2.09		SIGN PANEL LAYOUT	1/31/2020	BULLETIN #29	1
C-40.2.10		SIGN PANEL LAYOUT	1/31/2020	BULLETIN #29	1
C-40.2.11		SIGN PANEL LAYOUT	1/31/2020	BULLETIN #29	1
C-40.3.01		JEFF FUQUA BLVD SIGN	1/31/2020	BULLETIN #29	1
C-40.3.02		SOUTH ACCESS ROAD SIGN	1/31/2020	BULLETIN #29	1
C-40.3.03		JEFF FUQUA BLVD SIGN	1/31/2020	BULLETIN #29	1
C-40.3.04		JEFF FUQUA BLVD SIGN	1/31/2020	BULLETIN #29	1
C-40.3.05		JEFF FUQUA BLVD SIGN	1/31/2020	BULLETIN #29	1
C-42.0.01		ELECTRICAL NOTES INDEX & LEGENDS	11/21/2018	BULLETIN # 13	2
C-42.0.02		TERMINAL ROADWAY LIGHTING KEYMAP	11/21/2018	BULLETIN # 13	1
C-42.1.01		TERMINAL ROADWAY LIGHTING DEMO (1 OF 3)	12/1/2017	IPC	
C-42.1.02		TERMINAL ROADWAY LIGHTING DEMO (2 OF 3)	12/1/2017	IPC	
C-42.1.03		TERMINAL ROADWAY LIGHTING DEMO (3 OF 3)	12/1/2017	IPC	
C-42.2.01		TERMINAL ROADWAY LIGHTING (1 OF 18)	11/21/2018	BULLETIN # 13	1
C-42.2.02		TERMINAL ROADWAY LIGHTING (2 OF 18)	9/10/2020	BULLETIN #32	3
C-42.2.03		TERMINAL ROADWAY LIGHTING (3 OF 18)	1/31/2020	BULLETIN #29	1
C-42.2.03A		TERMINAL ROADWAY LIGHTING	1/31/2020	BULLETIN #29	1
C-42.2.03B		TERMINAL ROADWAY LIGHTING	1/31/2020	BULLETIN #29	1
C-42.2.04		TERMINAL ROADWAY LIGHTING (4 OF 18)	11/21/2018	BULLETIN # 13	1
C-42.2.04X		TERMINAL ROADWAY LIGHTING (4X OF 23)	9/10/2020	BULLETIN #32	2
C-42.2.05		TERMINAL ROADWAY LIGHTING (5 OF 18)	4/23/2019	BULLETIN # 21	2
C-42.2.06		TERMINAL ROADWAY LIGHTING (6 OF 18)	1/31/2020	BULLETIN #29	2

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C-42.2.08	TERMINAL ROADWAY LIGHTING (8 OF 18)	9/10/2020	BULLETIN #32	3
C-42.2.09	TERMINAL ROADWAY LIGHTING (9 OF 18)	12/1/2017	IPC	
C-42.2.10	TERMINAL ROADWAY LIGHTING (10 OF 18)	11/21/2018	BULLETIN # 13	1
C-42.2.11	TERMINAL ROADWAY LIGHTING (11 OF 18)	9/13/2019	BULLETIN #26	3
C-42.2.12	TERMINAL ROADWAY LIGHTING (12 OF 18)	12/1/2017	IPC	
C-42.2.13	TERMINAL ROADWAY LIGHTING (13 OF 18)	12/1/2017	IPC	
C-42.2.14	TERMINAL ROADWAY LIGHTING (14 OF 18)	1/31/2020	BULLETIN #29	3
C-42.2.15	TERMINAL ROADWAY LIGHTING (15 OF 18)	1/31/2020	BULLETIN #29	2
C-42.2.16	TERMINAL ROADWAY LIGHTING (16 OF 18)	12/1/2017	IPC	
C-42.2.17	TERMINAL ROADWAY LIGHTING (17 OF 18)	12/1/2017	IPC	
C-42.2.18	TERMINAL ROADWAY LIGHTING (18 OF 18)	11/21/2018	BULLETIN # 13	2
C-42.2.19	TERMINAL ROADWAY LIGHTING PLAN	9/10/2020	DSI #004	2
C-42.2.20	TERMINAL ROADWAY LIGHTING	1/31/2020	BULLETIN #29	1
C-42.2.21	TERMINAL ROADWAY LIGHTING	1/31/2020	BULLETIN #29	1
C-42.2.22	TERMINAL ROADWAY LIGHTING	1/31/2020	BULLETIN #29	1
C-42.2.24	TERMINAL ROADWAY LIGHTING	1/31/2020	BULLETIN #29	1
C-42.2.29	TERMINAL ROADWAY LIGHTING	1/31/2020	BULLETIN #29	1
C-42.2.30	TERMINAL ROADWAY LIGHTING	1/31/2020	BULLETIN #29	1
C-42.2.32	TERMINAL ROADWAY LIGHTING	1/31/2020	BULLETIN #29	1
C-42.3.01	TERMINAL ROADWAY & MSE RAMP PHOTOMETRICS	11/21/2018	BULLETIN # 13	1
C-42.4.01	OUC LIGHT POLE DETAILS	2/20/2019	BULLETIN # 17	2
C-42.4.02	OUC LIGHTING DETAILS	12/1/2017	IPC	
C-42.4.03	OUC JUNCTION BOX DETAILS	1/12/2018	BULLETIN #1	1
C-42.4.04	OUC TRANSFORMER PAD & SERVICE RACK DETAILS	12/1/2017	IPC	
C-42.4.05	EQUIPMENT RACK & BONDING DETAILS	12/1/2017	IPC	
C-42.4.06	SIGN PANEL & CONDUIT SCHEDULE	12/1/2017	IPC	
C-42.5.01	MSE RAMP LIGHT POLE PEDESTAL DETAILS (1 OF 3)	12/1/2017	IPC	
C-42.5.02	MSE RAMP LIGHT POLE PEDESTAL DETAILS (2 OF 3)	12/1/2017	IPC	
C-42.5.03	MSE RAMP LIGHT POLE PEDESTAL DETAILS (3 OF 3)	12/1/2017	IPC	
C-42.6.01	SIGN LIGHTING DETAILS (Sheet 1 of 3)	1/31/2020	BULLETIN #29	1
C-42.6.02	SIGN LIGHTING DETAILS (Sheet 2 of 3)	1/31/2020	BULLETIN #29	1
C-42.6.03	SIGN LIGHTING DETAILS (Sheet 3 of 3)	1/31/2020	BULLETIN #29	1
C 62.0.01	FENCING PLAN CHECKPOINT DELTA	11/21/2018	BULLETIN # 13	1
C 62.0.02	FENCING PLAN EPG	9/13/2019	BULLETIN #26	1
C 62.0.04	FENCING PLAN NORTH SWITCH YARD	5/15/2020	DSI #003	2
C-42.2.18	TERMINAL ROADWAY LIGHTING (18 OF 18)	2/19/2018	BULLETIN #3	1
C 62.1.01	FENCE DETAILS	2/19/2018	BULLETIN #3	1
C 62.1.02	FENCE DETAILS	11/21/2018	BULLETIN # 13	1
C 62.1.03	GATE SIGNAGE PLAN	11/21/2018	BULLETIN # 13	1
NA	OUC ACCESS ROAD EXHIBIT	5/21/2018	RFI 0.0414	1
C.	STRUCTURAL			
S-00.2.01	LEVEL 2 DEPARTURES KEY PLAN	11/21/2018	BULLETIN # 13	1
S-00.6.01	LEVEL 6 ARRIVALS KEY PLAN	11/21/2018	BULLETIN # 13	1
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S-01.0.02	BRIDGE PLAN AND ELEVATION (2 OF 2)	6/7/2019	BULLETIN #23	6
S-02.0.01	GENERAL NOTES	1/9/2019	BULLETIN # 15	5
S-02.4.01	GENERAL NOTES, ABBREVIATIONS & SCHEDULES	12/1/2017	IPC	
S-02.4.02	THRESHOLD INSPECTION	2/19/2018	BULLETIN #3	1
S-02.4.03	LOADING PLAN	12/1/2017	IPC	
S-04.0.01	FOUNDATION LAYOUT	2/26/2019	BULLETIN # 18	5
S-04.0.02	FOUNDATION LAYOUT	11/21/2018	BULLETIN # 13	2
S-04.1.01	MODIFIED BARRIER WALL FOUNDATION DETAILS (1 OF 1)	9/10/2020	BULLETIN #32	1
S-05.0.01	PILE DATA TABLE	2/26/2019	BULLETIN # 18	5
S-06.2.01	LEVEL 2 PIER PLAN AND ELEVATION - PIER 9 & 19	6/7/2019	BULLETIN #23	5
S-06.2.02	LEVEL 2 PIER PLAN AND ELEVATION - PIER 16 & 25	6/7/2019	BULLETIN #23	5
S-06.2.03	LEVEL 2 PIER PLAN AND ELEVATION - PIER 10-11-12-14-15-17-18-20-21-23-&24	6/7/2019	BULLETIN #23	5
S-06.2.04	LEVEL 2 PIER PLAN AND ELEVATION - PIER 13 & 22	6/7/2019	BULLETIN #23	5
S-06.2.05	LEVEL 2 PIER PLAN AND ELEVATION - END BENT 1	6/7/2019	BULLETIN #23	3
S-06.2.06	LEVEL 2 PIERS PLAN AND ELEVATION PIER 2,3,4,6,7,8, 10,11,12,14,15, 17,18,20,21,23,24	6/7/2019	BULLETIN #23	3
S-06.2.07	PIER PLAN AND ELEVATION- PIER 17A & 18	6/7/2019	BULLETIN #23	3
S-06.2.08	PIER PLAN AND ELEVATION- PIER 17B	6/7/2019	BULLETIN #23	3
S-06.6.01	LEVEL 6 PIER PLAN AND ELEVATION - PIER 9 & 19	6/7/2019	BULLETIN #23	5
S-06.6.02	LEVEL 6 PIER PLAN AND ELEVATION - PIER 16 & 25	6/7/2019	BULLETIN #23	5
S-06.6.03	LEVEL 6 PIER PLAN AND ELEVATION - PIER 10-11-12-14-15-17-18-20-21-23-&24	6/7/2019	BULLETIN #23	5
S-06.6.04	LEVEL 6 PIER PLAN AND ELEVATION - PIERS 13 & 22	6/7/2019	BULLETIN #23	5
S-06.6.05	LEVEL 6 PIER PLAN AND ELEVATION - END BENT 1	6/7/2019	BULLETIN #23	3

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S-07.0.01	PIER DETAILS 1	11/21/2018	BULLETIN # 13	4
S-07.0.01A	CANOPY PEDESTAL DETAILS	6/7/2019	BULLETIN #23	1
S-07.0.02	PIER DETAILS 2	2/7/2020	DSI #002	3
S-07.0.01	PIER DETAILS (1 OF 3)	3/28/2018	BULLETIN #4	3
S-07.0.03	PIER DETAILS 3	11/21/2018	BULLETIN # 13	3
S-07.0.04	END BENT DETAILS (1 OF 3)	6/7/2019	BULLETIN #23	3
S-07.0.05	END BENT DETAILS (2 OF 3)	11/21/2018	BULLETIN # 13	1
S-07.0.06	END BENT DETAILS (3 OF 3)	9/10/2020	DSI #004	4
S-08.0.01	PIER AND COLUMN DETAILS (1 OF 5)	11/21/2018	BULLETIN # 13	3
S-08.0.02	PIER AND COLUMN DETAILS (2 OF 5)	11/21/2018	BULLETIN # 13	3
S-08.0.03	PIER AND COLUMN DETAILS (3 OF 5)	11/21/2018	BULLETIN # 13	4
S-08.0.04	PIER AND COLUMN DETAILS (4 OF 5)	11/21/2018	BULLETIN # 13	2
S-08.0.05	END BENT AND COLUMN DETAILS (5 OF 5)	11/21/2018	BULLETIN # 13	2
S-08.0.06	PIER AND COLUMN DETAILS (6 OF 6)	3/13/2019	BULLETIN # 19	2
S-08.0.07	PIER AND COLUMN DETAILS (7 OF 8)	2/28/2019	BULLETIN # 18	2
S-08.0.08	PIER AND COLUMN DETAILS (8 OF 8)	2/28/2019	BULLETIN # 18	2
S-08.4.01	BENT PLAN AND DETAILS	2/25/2019	BULLETIN # 18	1
S-09.2.01	FINISH GRADE ELEVATIONS LEVEL 2 (1 OF 2)	1/9/2019	BULLETIN # 15	2
S-09.2.02	FINISH GRADE ELEVATIONS LEVEL 2 (2 OF 2)	1/9/2019	BULLETIN # 15	2
S-09.2.03	FINISH GRADE ELEVATIONS LEVEL 2	11/21/2018	BULLETIN # 13	1
S-09.6.01	FINISH GRADE ELEVATIONS LEVEL 6 (1 OF 2)	2/19/2018	BULLETIN #3	1
S-09.6.02	FINISH GRADE ELEVATIONS LEVEL 6 (2 OF 2)	2/19/2018	BULLETIN #3	1
S-09.6.03	FINISH GRADE ELEVATIONS LEVEL 6	11/21/2018	BULLETIN # 13	1
S-09.7.01	FINISH GRADE ELEVATIONS AND TYPICAL SECTIONS	2/7/2020	DSI #002	4
S-10.2.01	SUPERSTRUCTURE PLAN LEVEL 2 (1 OF 2)	3/13/2019	BULLETIN # 19	5
S-10.2.02	SUPERSTRUCTURE PLAN LEVEL 2 (2 OF 2)	9/10/2020	DSI #004	5
S-10.2.03	SUPERSTRUCTURE PLAN LEVEL 2	9/10/2020	DSI #004	3
S-10.4.01	SUPERSTRUCTURE PLAN - PEDESTRIAN SPAN	2/25/2019	#N/A	1
S-10.4.02	PEDESTRIAN SPAN CEILING SUPPORT FRAMING PLAN	2/25/2019	#N/A	1
S-10.6.01	SUPERSTRUCTURE PLAN LEVEL 6 (1 OF 2)	3/13/2019	BULLETIN # 19	3
S-10.6.02	SUPERSTRUCTURE PLAN LEVEL 6 (2 OF 2)	3/13/2019	BULLETIN # 19	3
S-10.6.03	SUPERSTRUCTURE PLAN LEVEL 6	9/10/2020	DSI #004	3
S-11.0.01	SUPERSTRUCTURE SECTIONS (1 OF 3)	2/7/2020	DSI #002	6
S-11.0.02	SUPERSTRUCTURE SECTIONS (2 OF 3)	6/7/2019	BULLETIN #23	3
S-11.0.03	SUPERSTRUCTURE SECTIONS (3 OF 3)	6/7/2019	BULLETIN #23	5
S-11.1.01	SUPERSTRUCTURE DETAILS (1 OF 5)	2/7/2020	DSI #002	6
S-11.1.02	SUPERSTRUCTURE DETAILS (2 OF 5)	5/15/2020	DSI #003	7
S-11.1.03	SUPERSTRUCTURE DETAILS (3 OF 5)	2/7/2020	DSI #002	5
S-11.1.04	SUPERSTRUCTURE DETAILS (4 OF 5)	6/7/2019	BULLETIN #23	3
S-11.1.05	SUPERSTRUCTURE DETAILS (5 OF 5)	5/15/2020	DSI #003	6
S-11.1.06	BEARING DETAILS	1/9/2019	BULLETIN # 15	4
S-11.1.07	FSB SUPERSTRUCT SECTIONS& DETAILS SPANS 17N& 17S AT LEVEL2	2/7/2020	DSI #002	4
S-11.4.01	SUPERSTRUCTURE DETAILS	2/25/2019	BULLETIN #18	1
S-11.4.02	SUPERSTRUCTURE DETAILS	2/25/2019	BULLETIN #18	1
S-12.2.01	FRAMING PLAN LEVEL 2	3/13/2019	BULLETIN # 19	5
S-12.2.02	FRAMING PLAN LEVEL 2	3/13/2019	BULLETIN # 19	2
S-12.6.01	FRAMING PLAN LEVEL 6	2/7/2020	DSI #002	2
S-12.6.02	FRAMING PLAN LEVEL 6	2/7/2020	DSI #002	2
S-14.0.04	TABLE OF BEAM VARIABLES	1/9/2019	BULLETIN # 15	3
S-14.0.05	FLORIDA SLAB BEAM DETAILS	3/13/2019	BULLETIN # 19	2
S-14.0.06	TYPICAL FSB DETAILS& NOTES (1 OF 2)	1/9/2019	BULLETIN # 15	1
S-14.0.07	TYPICAL FSB DETAILS& NOTES (2 OF 2)	1/9/2019	BULLETIN # 15	1
S-14.0.08	FLORIDA SLAB BEAM DETAILS	2/7/2020	DSI #002	4
S-14.2.01	C.I.P. BEAM DETAILS (1 OF 2)	2/7/2020	DSI #002	3
S-14.4.01	TABLE OF BEAM VARIABLES	2/25/2019	BULLETIN #18	1
S-14.6.01	C.I.P. BEAM DETAILS (2 OF 2)	2/7/2020	DSI #002	3
S-14.6.02	C.I.P. BEAM DETAILS (3 OF 3)	3/13/2019	BULLETIN # 19	2
S-16.0.01	DECK SLAB PLACEMENT SEQUENCE	11/21/2018	BULLETIN # 13	1
S-17.0.01	APPROACH SLABS LEVEL 2	11/21/2018	BULLETIN # 13	1
S-17.0.02	APPROACH SLABS LEVEL 6	5/15/2020	DSI #003	2
S-17.0.03	APPROACH SLAB FINISH GRADE ELEVATIONS	5/15/2020	DSI #003	2
S-17.2.01	LOAD RATING SUMMARY LEVEL 2	1/12/2018	BULLETIN #1	1
S-17.6.01	LOAD RATING SUMMARY LEVEL 6	1/12/2018	BULLETIN #1	1
S-18.0.01	PERMANENT MSE WALL NOTES AND DATA TABLES	11/21/2018	BULLETIN # 13	2
S-18.0.02	PERMANENT MSE WALL PLAN & ELEVATION	5/15/2020	DSI #003	2
S-18.0.03	PERMANENT MSE WALL PLAN & ELEVATION	11/21/2018	BULLETIN # 13	1

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S50.10.01	ARRIVAL LVL 6 BRIDGE OVER RAC RD SUPERSTRUCTURE PLAN & SECT.	9/10/2020	BULLETIN #32	2
S50.18.01	ARRIVAL LVL 6 BRIDGE OVER RAC RD WING WALL PLAN & SECT.	9/10/2020	BULLETIN #32	2
S50.2.01	ARRIVAL LVL 6 BRIDGE OVER RAC RD STRUCTURE GEN. NOTES	9/10/2020	BULLETIN #32	2
S50.4.01	ARRIVAL LVL 6 BRIDGE OVER RAC RD FND. PLAN & DETAILS	9/10/2020	BULLETIN #32	2
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S50.9.01	ARRIVAL LVL 6 BRIDGE OVER RAC RD FINISH GRADE ELEVS.	9/10/2020	BULLETIN #32	2
S50.17.01	ARRIVAL LVL 6 BRIDGE OVER RAC RD LOAD RATING SUMMARY	9/10/2020	BULLETIN #32	2
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S53.0.01	MASONRY DETAILS	11/12/2018	BULLETIN #12	1
S80.0.01	MONOTUBE SIGN STRUCTURE	1/31/2020	BULLETIN #29	1
S80.0.02	MONOTUBE SIGN STRUCTURE	1/31/2020	BULLETIN #29	1
S80.0.03	MONOTUBE SIGN STRUCTURE	1/31/2020	BULLETIN #29	1
D.	LANDSCAPE			
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L-1.01.03	TREE PLANTING PLAN	9/10/2020	BULLETIN #32	2
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L-1.01.09	TREE PLANTING PLAN	9/10/2020	BULLETIN #32	3
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L-1.01.11	TREE PLANTING PLAN	9/10/2020	BULLETIN #32	3
L-1.01.12	TREE PLANTING PLAN	9/10/2020	BULLETIN #32	4
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L-1.01.19	TREE PLANTING PLAN	3/13/2019	BULLETIN # 19	1
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L-1.02.01	SHRUB & GROUND COVER PLANTING PLAN	12/1/2017	IPC	
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L-1.02.05	SHRUB & GROUND COVER PLANTING PLAN	9/10/2020	BULLETIN #32	3
L-1.02.06	SHRUB & GROUND COVER PLANTING PLAN	9/10/2020	BULLETIN #32	2
L-1.02.07	SHRUB & GROUND COVER PLANTING PLAN	9/10/2020	BULLETIN #32	3
L-1.02.08	SHRUB & GROUND COVER PLANTING PLAN	9/10/2020	BULLETIN #32	2
L-1.02.09	SHRUB & GROUND COVER PLANTING PLAN	9/10/2020	BULLETIN #32	3
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L-1.02.12	SHRUB & GROUND COVER PLANTING PLAN	9/10/2020	BULLETIN #32	3
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L1.12.03	IRRIGATION PLAN	9/10/2020	BULLETIN #32	4
L1.12.04	IRRIGATION PLAN	9/10/2020	BULLETIN #32	4
L1.12.05	IRRIGATION PLAN	9/10/2020	BULLETIN #32	4
L1.12.06	IRRIGATION PLAN	9/10/2020	BULLETIN #32	4
L1.12.07	IRRIGATION PLAN	9/10/2020	BULLETIN #32	4
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	L1.12.12	IRRIGATION PLAN	9/10/2020	BULLETIN #32	4
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	L1.12.19	IRRIGATION PLAN	9/10/2020	BULLETIN #32	2
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	L5.10.01	IRRIGATION DETAILS	12/1/2017	IPC	
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	L6.00.02	LANDSCAPE NOTES & SCHEDULE	3/13/2019	BULLETIN # 19	3
	L6.10.01	IRRIGATION LEGEND & NOTES	2/19/2018	BULLETIN #3	1
	L6.12.02	LANDSCAPE NOTES & SCHEDULE	2/19/2018	Deleted Bulletin 5	1
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E.	ELECTRICAL / TECHNOLOGY				
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	CE2.00.01	PRIMARY POWER DISTRIBUTION	9/14/2018	BULLETIN #10	2
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	CE2.00.04	PRIMARY POWER DISTRIBUTION	4/5/2019	BULLETIN # 20	4
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	CE2.00.10	PRIMARY POWER DISTRIBUTION	2/23/2018	BULLETIN #2	1
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	CE2.00.12	PRIMARY POWER DISTRIBUTION	2/23/2018	BULLETIN #2	1
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	CE2.00.90	PRIMARY POWER DISTRIBUTION	4/5/2019	BULLETIN # 20	5
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	CE-2.01.03	AOA EXIT GATE ACCESS CONTROL DETAILS	12/1/2017	IPC	
	CE-2.01.04	AOA GATE ELECTRICAL DUCT & INNER DUCT DETAILS	12/1/2017	IPC	
	CE-2.01.05	AOA GATE POWER AND COMM. RACK DETAIL	12/1/2017	IPC	
	CE-2.01.06	AOA GATE CAMERA COMMUNICATION ENCLOSURE DETAIL	1/12/2018	BULLETIN #1	1
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	CE-2.01.08	AOA GATE ACCESS & SECURITY ONE-LINE DIAGRAM	12/1/2017	IPC	
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	CE-2.01.10	AOA KEYPAD, FENCE & CAMERA GROUNDING DETAILS	1/12/2018	BULLETIN #1	1
	CE-2.01.11	AOA GATE PANEL SCHEDULES	12/1/2017	IPC	
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	CE3.01.11	BOGGY CREEK RD. AT WETHERBEE RD. SIGNALIZATION NOTES	11/28/2018	BULLETIN # 14	1
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	CE7.00.12	SHEET# NOT USED; DATA COMBINED ONTO SHEETS CE7.00.01 AND CE7.00.02	8/21/2018	Deleted Bulletin 10	
	CE7.00.13	SHEET# NOT USED; DATA COMBINED ONTO SHEETS CE7.00.01 AND CE7.00.03	8/21/2018	Deleted Bulletin 10	
	CE7.00.14	SHEET# NOT USED; DATA COMBINED ONTO SHEETS CE7.00.01 AND CE7.00.04	8/21/2018	Deleted Bulletin 10	
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	CE7.00.31	MANHOLE BUTTERFLY & TRANSFORMER INTERCONNECT DRAWINGS	3/13/2019	BULLETIN # 19	1
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	CE7.00.33	MANHOLE BUTTERFLY & TRANSFORMER INTERCONNECT DRAWINGS	4/5/2019	BULLETIN # 20	2
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	T07.00.02	COMMUNICATIONS DUCT BANK DETAILS	2/19/2018	BULLETIN #3	1
	T07.00.03	COMMUNICATIONS DUCT BANK DETAILS	12/1/2017	IPC	
	T07.00.04	COMMUNICATIONS DUCT BANK DETAILS	12/1/2017	IPC	
	T07.00.05	COMMUNICATIONS MANHOLE DETAILS	12/1/2017	IPC	
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	11 13 16		6/18/2019	Bulletin #12	31
	11 14 53	PEDESTRIAN SECURITY BREACH CONTROL SYSTEM	10/13/2017	Permit & Con.	

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	11 30 13	RESIDENTIAL APPLIANCES	12/15/2017	Permit & Con.	
	11483		3/25/2020	Bulletin #19	1
	11 53 13	LABORATORY FUME HOODS	10/13/2017	Permit & Con.	
	11 66 23	GYMNASIUM EQUIPMENT	10/13/2017	Permit & Con.	
	11 81 29	HORIZONTAL FALL PROTECTION	1/24/2019	Bulletin #8	25
	11921		3/25/2020	Bulletin #19	1
	11 97 13	DEAL DRAWERS	4/8/2020	Bulletin #20	44
	12 24 13	ROLLER WINDOW SHADES	12/10/2019	Bulletin #18	40
	12 36 16	METAL COUNTERTOPS	8/10/2018	Bulletin #5	22
	12 36 23.13	PLASTIC-LAMINATE-CLAD COUNTERTOPS	12/15/2017	Permit & Con.	
	12 36 61.16	SOLID SURFACING COUNTERTOPS	12/15/2017	Permit & Con.	
	12 36 61.19	QUARTZ AGGLOMERATE COUNTERTOPS	12/15/2017	Permit & Con.	
	12 48 16	ENTRANCE FLOOR GRILLES	12/15/2017	Permit & Con.	
	12 48 23	ANTI-FATIGUE FLOOR MATS	12/15/2017	Permit & Con.	14
	12 92 33	INTERIOR TREES	12/15/2017	Permit & Con.	
	12 93 00	SITE FURNISHINGS	6/7/2017	Permit & Con.	
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	13 12 00	EME - FOUNTAINS	2/26/2018	Deleted w/Bltn#13	
	13300		3/25/2020	Bulletin #19	1
	13310		3/25/2020	Bulletin #19	1
	13315		3/25/2020	Bulletin #19	1
	13325		3/25/2020	Bulletin #19	1
	13 46 00	TRANSPARENT BULLET RESISTANT ASSEMBLIES	5/4/2018	Bulletin #3	18
	13 47 13	CATHODIC PROTECTION SYSTEM	12/1/2017	Permit & Con.	
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	14 00 00	ELEVATOR, ESCALATOR MAINTENANCE AND REPAIR	2/26/2018	Bulletin #2	
	14 21 00	TRACTION ELEVATORS	6/18/2019	Bulletin #12	31
	14 24 00	HYDRAULIC ELEVATORS	12/15/2017	Permit & Con.	
	14 31 00	ESCALATORS	6/18/2019	Bulletin #12	31
	14 91 82	TRASH CHUTES	12/15/2017	Permit & Con.	
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	21 08 00	COMMISSIONING OF FIRE SUPPRESSION SYSTEMS	7/1/2017	Permit & Con.	
	21 12 00	FIRE SUPPRESSION STANDPIPES	8/10/2018	Bulletin #5	22
	21 1313	WET-PIPE SPRINKLER SYSTEMS	8/10/2018	Bulletin #5	22
	21 1316	DRY-PIPE SPRINKLER SYSTEMS	8/10/2018	Bulletin #5	22
	21 2200	CLEAN-AGENT FIRE-EXTINGUISHING SYSTEMS	8/10/2018	Bulletin #5	22
	21 3113	ELECTRIC - DRIVE, CENTRIFUGAL FIRE PUMPS	8/10/2018	Bulletin #5	22
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	22 0513	COMMON MOTOR REQUIREMENTS FOR PLUMBING EQUIPMENT	7/18/2017	Permit & Con.	
	22 0516	EXPANSION FITTINGS AND LOOPS FOR PLUMBING PIPING	7/18/2017	Permit & Con.	
	22 0519	METERS AND GAGES FOR PLUMBING PIPING	8/10/2018	Bulletin #5	22
	22 0523	GENERAL - DUTY VALVES FOR PLUMBING PIPING	8/10/2018	Bulletin #5	22
	22 0529	HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT	8/10/2018	Bulletin #5	22
	22 0533	HEAT TRACING FOR PLUMBING PIPING	8/10/2018	Bulletin #5	22
	22 0548	VIBRATION CONTROLS FOR PLUMBING PIPING AND EQUIPMENT	6/7/2017	Permit & Con.	
	22 0553	IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT	8/10/2018	Bulletin #5	22
	22 0700	PLUMBING INSULATION	6/11/2020	Bulletin #21	45
	22 0800	COMMISSIONING OF PLUMBING SYSTEM	6/7/2017	Permit & Con.	
	22 1116	DOMESTIC WATER PIPING	8/10/2018	Bulletin #5	22
	22 1119	DOMESTIC WATER PIPING SPECIALTIES	8/10/2018	Bulletin #5	22
	22 1123	DOMESTIC WATER PUMPS	8/10/2018	Bulletin #5	22
	22 11 23.13	DOMESTIC WATER PACKAGE BOOSTER PUMPS	6/7/2017	Permit & Con.	
	22 1316	SANITARY WASTE AND VENT PIPING	8/10/2018	Bulletin #5	22
	22 1319	SANITARY WASTE PIPING SPECIALTIES	8/10/2018	Bulletin #5	22
	22 1413	FACILITY STORM DRAINAGE PIPING	8/10/2018	Bulletin #5	22
	22 1423	STORM DRAINAGE PIPING SPECIALTIES	8/10/2018	Bulletin #5	22
	22 1429	SUMP PUMPS	8/10/2018	Bulletin #5	22
	22 3300	ELECTRIC DOMESTIC WATER HEATERS	8/10/2018	Bulletin #5	22
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	23 0500	COMMON WORK RESULTS FOR HVAC	12/15/2017	Permit & Con.	
	23 0513	COMMON MOTOR REQUIREMENTS FOR HVAC EQUIPMENT	12/15/2017	Permit & Con.	
	23 0514	VARIABLE FREQUENCY MOTOR CONTROLLERS	12/15/2017	Permit & Con.	
	23 0516	EXPANSION FITTINGS AND LOOPS FOR HVAC PIPING	12/15/2017	Permit & Con.	
	23 0517	SLEEVES AND SLEEVE SEALS FOR HVAC PIPING	7/18/2017	Permit & Con.	
	23 0518	CONTROL WIRING	7/18/2017	Permit & Con.	
	23 0519	METERS AND GAGES FOR HVAC PIPING	10/13/2017	Permit & Con.	
	23 0523	GENERAL DUTY VALVES FOR HVAC PIPING	6/29/2018	Bulletin #4	20
	23 0523.01	VALVES FOR PCA PIPING	9/13/2019	Permit & Con.	37
	23 0529	HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT	6/7/2017	Permit & Con.	
	23 0548	VIBRATION AND SEISMIC CONTROLS FOR HVAC PIPING AND EQUIPMENT	10/2/2019	Bulletin # 16	38
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	23 0580	AIR CONTROL AND ACCESSORIES	12/15/2017	Permit & Con.	
	23 0593	TESTING, ADJUSTING, AND BALANCING FOR HVAC	12/15/2017	Permit & Con.	
	23 0700.01	PRE-CONDITIONED AIR SYSTEM INSULATION	12/15/2017	Permit & Con.	
	23 0719	HVAC INSULATION	6/11/2020	Bulletin #21	45
	23 0800	COMMISSIONING OF HVAC SYSTEMS	10/13/2017	Permit & Con.	
	23 0900	INSTRUMENTATION AND CONTROL FOR HVAC	8/10/2018	Bulletin #5	22
	23 0913	INSTRUMENTATION AND CONTROL FOR HVAC DEVICES	10/13/2017	Permit & Con.	
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	23 2113.15	PREINSULATED UNDERGROUND PIPING SYSTEMS	6/29/2018	Bulletin #4	20
	23 2116	HYDRONIC PIPING SPECIALTIES	12/15/2017	Permit & Con.	
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	23 3113	METAL DUCTS	10/2/2019	Bulletin # 16	38
	23 3300	AIR DUCT ACCESSORIES	10/2/2019	Bulletin # 16	38
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	23 3416	CENTRIFUGAL HVAC FANS	12/15/2017	Permit & Con.	
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	23 4100	PARTICULATE AIR FILTRATION	6/7/2017	Permit & Con.	
	23 5100	BREECHING CHIMNEY AND STACK	6/29/2018	Bulletin #4	20
	23 5700.01	HEAT EXCHANGES FOR PCA	10/13/2017	Permit & Con.	
	23 6416	CENTRIFUGAL WATER CHILLERS	8/10/2018	Bulletin #5	22
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	23 64 23	SCROLL WATER CHILLERS	10/13/2017	Permit & Con.	
	23 65 00	PACKAGE COOLING TOWERS	5/4/2018	Bulletin #3	18
	23 72 00	AIR TO AIR ENERGY RECOVERY EQUIPMENT	10/13/2017	Permit & Con.	
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	23 81 23	COMPUTER ROOM AIR CONDITIONERS	8/10/2018	Bulletin #5	22
	23 81 26	SPLIT SYSTEM AIR CONDITIONERS	8/10/2018	Bulletin #5	22
	23 8126.13	SMALL CAPACITY SPLIT SYSTEM ACU	10/13/2017	Permit & Con.	
	23 81 36	VARIABLE REFRIGERANT FLOW SYSTEMS	4/8/2020	Bulletin #20	44
	23 8146.01	WATER SOURCE UNITARY HEAT PUMPS	10/13/2017	Permit & Con.	
	23 82 16	AIR COILS	8/10/2018	Bulletin #5	22
	23 82 19	FAN COIL UNITS	8/10/2018	Bulletin #5	22
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	23 90 00	PRE-CONDITIONED UNITS AND SPECIALTIES	8/10/2018	Bulletin #5	22
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	26 0500	COMMON WORK RESULTS FOR ELECTRICAL	4/8/2020	Bulletin #20	44
	26 0510	ELECTRICAL SYMBOLS	6/7/2017	Permit & Con.	
	26 0512	OUC UNDERGROUND ELECTRIC	9/20/2018	Bulletin #6	23
	26 0513	MEDIUM VOLTAGE CABLE	10/13/2017	Permit & Con.	
	26 0519	BUILDING WIRE AND CABLE	5/5/2020	RFI #4440	45
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	26 0717	SCADA MONITORING AND CONTROL SYSTEM	12/15/2017	Permit & Con.	
	26 0800	COMMISSIONING OF ELECTRICAL SYSTEMS	10/13/2017	Permit & Con.	
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	26 2413	SWITCHBOARDS	5/4/2018	Bulletin #3	18
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	26 2713	ELECTRICAL METERING AND MONITORING	4/8/2020	Bulletin #20	44
	26 2716	ELECTRICAL CABINETS AND ENCLOSURES	7/18/2017	Permit & Con.	
	26 2816	ENCLOSED SWITCHES AND CIRCUIT BREAKERS	7/18/2017	Permit & Con.	
	26 3218	MEDIUM-VOLTAGE DIESEL ENGINE DRIVEN GENERATOR	5/4/2018	Bulletin #3	18
	26 3353	STATIC UNINTERRUPTIBLE POWER SUPPLY	5/4/2018	Bulletin #3	18
	26 3616	MAINTENANCE BYPASS SWITCHES	5/4/2018	Bulletin #3	18
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	26 5629	HIGH MAST AREA LIGHTING SYSTEMS	9/20/2018	Bulletin #6	23
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	27 5350	GLOBAL POSITIONING SYSTEM	8/10/2018	Bulletin #5	22
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	28 4320	EMERGENCY FUEL SHUT OFF SYSTEM	8/10/2018	Bulletin #5	22
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	31 3523.23	FABRIC FORMED CONCRETE RIPRAP	12/1/2017	Permit & Con.	
	31 6316	AUGER CAST PRESSURE-GROUTED DISPLACEMENT PILES	12/15/2017	Permit & Con.	
	31 6400.13	LOW MOBILITY PRESSURE GROUTING	12/15/2017	Permit & Con.	
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	32 1373	CONCRETE PAVING JOINT SEALANTS	6/7/2017	Permit & Con.	
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	32 1723.10	PAVEMENT MARKING - PARKING GARAGE	12/15/2017	Permit & Con.	
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	32 9113	SOIL PREPARATION	2/26/2018	Bulletin #2	
	32 9200	TURF & GRASSES	12/15/2017	Permit & Con.	
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	32 9400	INTERIOR PLANTS	12/15/2017	Permit & Con.	
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	33 0522	MICROTUNNELING FOR FUEL PIPING	12/1/2017	Permit & Con.	
	33 0523	TRENCHLESS UTILITY INSTALLATION	12/1/2017	Permit & Con.	
	33 0524	BORING AND JACKING	12/1/2017	Permit & Con.	
	33 1100	WATER UTILITY DISTRIBUTION PIPING	12/1/2017	Permit & Con.	
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	33 3219	PUBLIC UTILITY WASTEWATER PUMPING STATION	12/1/2017	Permit & Con.	
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	33 3400	SANITARY UTILITY SEWERAGE FORCE MAINS	12/1/2017	Permit & Con.	
	33 3900	SANITARY UTILITY SEWERAGE STRUCTURES	12/1/2017	Permit & Con.	
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	33 5247	FUEL SYSTEM VALVES AND EQUIPMENT	12/1/2017	Permit & Con.	
	33 5253	INSPECTION, TESTING, AND FLUSHING	2/5/2018	Bulletin #1	
	33 56 10		10/13/2017	Permit & Con.	
	33 99 99	FACTORY-FABRICATED STORAGE TANKS	3/25/2020	Bulletin #19	41
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	34 7000	FDOT STANDARDS	12/1/2017	Permit & Con.	
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	34 7713	PASSENGER BOARDING BRIDGES	11/21/2018	Bulletin #7	24
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	41 2213.13	BRIDGE CRANES	2/26/2018	Deleted w/Bltn #8	22
	41 2213.16	GANTRY CRANES	10/13/2017	Permit & Con.	
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	44 3100	SMALL SCALE ODOR CONTROL SYSTEM	10/13/2017	Permit & Con.	
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	46 2513	COALESCING OIL/WATER SEPARATOR(S)	10/13/2017	Permit & Con.	
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	D-701	PIPE FOR STORM DRAINS AND CULVERTS	12/1/2017	Permit & Con.	
	D-751	MANHOLES, CATCH BASINS, INLETS AND INSPECTION HOLES	12/1/2017	Permit & Con.	
	D-752	CONCRETE CULVERTS, HEADWALLS, AND MISCELLANEOUS DRAINAGE	12/1/2017	Permit & Con.	
	D-755	OIL GRIT SEPARATORS	12/1/2017	Permit & Con.	
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	F-162	CHAIN-LINK FENCE	12/15/2017	Permit & Con.	
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	T-901	SEEDING	12/1/2017	Permit & Con.	
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	L-111	AIRFIELD ELECTRICAL INSTALLATION TESTING	12/1/2017	Permit & Con.	
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	L-125	INSTALLATION OF AIRFIELD LIGHTING SYSTEMS	3/5/2019	Bulletin #9	27
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2. OTHER DOCUMENTS					
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	61 PAGES	GEOTECHNICAL ENGINEERING REPORT GOAA STC PHASE 1 (CEP)	12/14/2016	Permit & Con.	
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	158 PAGES	GEOTECHNICAL ENGINEERING REPORT GOAA STC PHASE 1 (GTF & PEDESTRIAN BRIDGE)	10/26/2016	Permit & Con.	
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	137 PAGES	GEOTECHNICAL ENGINEERING REPORT GOAA STC PHASE 1 (PARKING GARAGE II)	10/26/2016	Permit & Con.	
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	29 PAGES	CONSOL TESTS	11/1/2016	Permit & Con.	
	6 PAGES	EARTHWORK RECOMMENDATIONS LETTER	11/29/2016	Permit & Con.	
	7 PAGES	TECHNICAL SPECIFICATIONS FOR LOW MOBILITY PRESSURE GROUTING	11/29/2016	Permit & Con.	
	3 PAGES	SPT BORING AND CPT SOUNDING RESULTS	11/1/2016	Permit & Con.	
	79 PAGES	LAKE GILLOOLY BORROW AREA ASSESSMENT	1/11/2017	Permit & Con.	
	9 PAGES	GOAA STOCKPILE SOILS ANALYSIS	12/13/2016	Permit & Con.	
	377 PAGES	60% DESIGN REPORT AS PER GMP 5S TK ADDENDUM NO.1	1/27/2017	Permit & Con.	
	38 PAGES	GEOTECHNICAL ENGINEERING REPORT GOAA STC PHASE 1 Trailer Complex Expansion	3/31/2017	Permit & Con.	
	40 PAGES	BUILDING ENERGY SIMULATION 60% VE DESIGN UPDATE	6/6/2017	Permit & Con.	



S E C T I O N 1 3

**Subcontractor
Bid
Requirements**

**GMP 5-S.7
BP-S00192
Overhead Roadway Signage**

GMP 5-S.7 – Overhead Roadway Signage
BP-S00192
BID REQUIREMENTS

This Bid requirements for the following packages are contained in this section.

10.1.0 Roadway Overhead Signage

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South Terminal C - Phase 1- Landside
Landside Civil (LSC)
Orlando, Florida

Amendment Date 02/19/2021
GMP 5S.7
Bid Package 10.1.0
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Roadway Overhead Signage - Scope of Work

The Work of this Subcontract shall include all the industry standard requirements for work normally associated with a typical "Overhead Roadway Signage" scope for a complete installation. All work outlined below is incorporated as part of this agreement and included in the Subcontract.

Exhibits

This Work shall be in accordance with the following, which is hereby made part of this Agreement.

- a) Exhibit "A" – Contract Documents List through Campus Wide Specifications (CWS) 020 (list dated 11/10/2020 and LSC Drawing Bulletin 32 (list dated 9/24/2020)
- b) Exhibit "B" – TK Project Construction Schedule, dated 12/29/2020
- c) Exhibit "C" – MWBE/LDB/DBE Participation forms to be submitted with bid; the policy is in Project Manual-Section 14, dated 01/18/2018
- d) Exhibit "D" – Bid Manual, dated 07/03/2019
- e) Exhibit "E" – Project Manual, dated 05/22/2018
- f) Exhibit "F" – Logistics Plan, dated ~~03/14/2019~~ 1/13/2021
- g) Exhibit "G" – Lean Construction Provisions, dated 01/09/2017; in Bid Manual-Appendix G
- h) Exhibit "H" – Contractor Controlled Insurance Program (CCIP), dated 08/09/2017; in Bid Manual-Appendix D
- i) Exhibit "I" – BIM Execution Plan, dated 04/10/2018; in the Bid Manual-Appendix H
- j) Exhibit "J" – FC Background Instructions for drug/alcohol testing and badging, dated 02/2017 in Project Manual-Section 9
- k) Exhibit "K" – TK Environmental, Health and Safety (EHS) Policy dated 10/2017; in Project Manual-Section 9
- l) Exhibit "L" – Turner EEO Policy, dated 01/2015; in Project Manual-Section 9
- m) Exhibit "M" – Ladders Last Policy Document, dated 02/2017; in Project Manual-Section 9
- n) Exhibit "N" - Stormwater Pollution Prevention Plan (SWPPP), dated 06/2017; in Bid Manual-Appendix P
- o) Exhibit "O" – Safety Matrix, dated 02/04/2016
- p) Exhibit "P" – Building L.I.F.E. Safety Program, dated 02/04/2016
- q) Exhibit "Q" - OH Signs Package - Supplemental Design
 - GMP 5S7 Roadway Signage VE Drawings 12.11.2020
 - GMP 5S7 Supplemental Design Intent 12.11.2020
 - GMP 5S7 Supplemental Location Intent Map 12.11.2020
 - Information Only JFB NB Detour Plan MOT – January 17
- r) Exhibit "R" – ALTERNATE - Overhead Signage Lighting Scope dated 1/19/2021

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Contract Documents

This Work includes but is not limited to all Roadway Overhead Signage Work as shown, specified and required in the Contract Documents.

Specifically include Bidding Requirements, Specification Division 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS, Specification DIVISION 01 - GENERAL REQUIREMENTS and the following specification section(s) for this Subcontractor's Work.

- DIVISION 01 General Requirements
- ~~26 05 20~~ ~~Copper Ground~~ (Refer to FDOT 620 Specification)
- ~~26 05 72~~ ~~Ground Rod~~ (Refer to FDOT 620 Specification)
- 34 70 00 FDOT Std Specifications for Road and Bridge Construction
- GMP 5S7 Roadway Signage VE Drawings 12.11.2020
- GMP 5S7 Supplemental Design Intent 12.11.2020
- GMP 5S7 Supplemental Location Intent Map 12.11.2020

This work also includes all items as it relates to the work including and the following Specification Sections are identified for additional emphasis:

- 32 31 19 Decorative Metal Fences and Gates
- 32 84 00 Landscape Irrigation
- 32 91 13 Soil Preparation
- 32 92 00 Turf and Grasses
- 32 93 00 Plants

Roadway Overhead Signage Scope – General

1. The Work of this Subcontract shall include all the industry standard requirements for work normally associated with a typical "Roadway Overhead Signage" scope. All work outlined below is incorporated as part of this agreement and included in the Subcontract. One contracting entity shall be responsible for all the Work of this Subcontract even if that requires elements of the work to be sub-subcontracted. This Subcontractor shall identify work that is being subcontracted and Turner-Kiewit (TK) reserves the right to approve Sub-Subcontractors.
2. This Scope of Work includes the work identified in the Contract Documents, Bid Documents, manuals, and all appendices, including all references to parking, drug testing, safety, owner training and extended warranties.
3. This Subcontractor shall be responsible for all supervision, management, labor, materials, equipment, cartage, hoisting, and everything else necessary to complete this Scope of Work as defined in the bidding documents and outlined herein. This Subcontractor shall include all sales and use taxes.

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Subcontractor is responsible for any taxes not specifically exempted elsewhere. Subcontractor is responsible for all off-site insurances.

4. Include all required systems and accessories indicated by the Contract Documents. The Work description, conditions, and all attachments, as well as the Proposal itself are intended to cover all the Work. Work includes any and all equipment, labor, materials and services not indicated herein, but which would be necessary to complete any or all of the Work in a proper, substantial and workmanlike manner, and as required to make a system function as intended and is included in the Work without additional cost. Adjustments to the Subcontract due to absence of details, sizes, components or any other information required for complete and fully operational systems will not be accepted.
5. The word "PROVIDE", when used herein shall mean furnish and install completely, including all costs for labor, material, equipment, hoisting, loading, off-loading, scaffolding, tools, rigging, mobilizations and any other facilities necessary for a complete installation. The word "remove" when used herein shall mean locate, demo, remove and legally dispose off-site.
6. Include all costs for inspection, testing, field quality control, maintenance and repair of all work included in this agreement until Substantial Completion. All Guarantees and Warranties required as part of this Scope of Work shall commence at Substantial Completion of the project and extend for the specified duration.
7. Provide all labor, materials, tools, equipment and cranes to perform the operations for the fabrication, delivery, unloading, and installation of your Work in accordance with the Contract Documents. Minimal to no restrictions for boom height under 75 ft. Over 75 ft boom height requires special coordination with GOAA/FAA Operations.
8. Provide 2nd shift work for all loading and stocking of materials required for your Work.
9. The work may require off-hours work or out of sequence work due to heavy congested areas or to meet the Project Schedule. Provide off-hours and out of sequence work deemed necessary by TK Superintendent. Subcontractor to include all costs to comply with the Project Schedule.

Roadway Overhead Signage

10. The work outlined per Exhibit "Q" – "OH Signs Package-Supplemental Design" shall take precedence for the requirements of this scope. Provide all labor, materials, tools, equipment and cranes to perform the operations for the fabrication, delivery, unloading, and installation of the Work.
11. This subcontractor to provide a complete foundation package for the signs structures including excavation, backfill, reinforcing and concrete installation, haul off suitable fill spoils created as a result of this work to an onsite location designated by Turner-Kiewit, grading and stabilization of areas affected by this scope of work. Unsuitable fill to be hauled off and properly disposed.
12. Standard FDOT material testing services required for the performance of this work will be provided by Turner-Kiewit. Subcontractor is to provide support services to facilitate testing including cure

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- boxes, man lifts, air monitoring, etc. Subcontractor will be required to coordinate these tests and inspections and provide a minimum of 24 hour notice to Turner-Kiewit. Subcontractor is responsible for any alternate 3rd party or subcontractor elected testing.
13. Scope includes resurfacing of all existing signs as indicated on drawings, Signed and Sealed shop drawings compliant with FDOT, and/or local municipal codes/authorities.
 14. All work for this subcontract must be coordinated with and scheduled with Turner-Kiewit, and other subcontractors as applicable.
 15. This subcontractor is responsible to protect the existing finished surfaces encountered during the installation of their work and cleaning of all paved areas upon completion of their work, including replacement, per FDOT standards, of any unforeseen damages caused by this subcontractor.
 16. Scope includes any covering of signs required for project phasing.
 17. Subcontractor shall be responsible for all survey and layout for their scope of work. Monument Control Survey points available on GOAA property will be provided by Turner-Kiewit for Subcontractor layout use.
 18. All mobilizations and demobilizations shall be included as required to achieve the project schedule.
 19. Coordination between all drawings to include landscape and civil along with the site logistics plan for access, laydown, and storage.
 20. Coordination required for adjacent TK STC and other program projects – including but not limited to Brightline rail project and 528/Semorán Blvd project.
 21. Scope includes grounding for new signage structures.
 22. Scope includes removal of luminaires and bracket arms at sign removal locations. Scope also includes any required adjustments to luminaires for sign replacement/relocation. Turn over all removed sign panels, vertical sign panels, unused luminaires, and luminaire brackets to GOAA. Properly cap and cover electrical junction boxes at locations the luminaries are removed.
 23. Scope includes any Subcontractor shall confirm and verify the existence and location of existing underground utilities and services prior to commencing work and support/maintain these during the duration of the work. All locating of utilities will be done by hand digging or vac truck methods.
 24. Include any dewatering necessary to complete this work.
 25. Subcontractor to provide a material staging plan for approval prior to start work.
 26. Dust control and sweeping of roads required due to Subcontractors operations shall be included.
 27. Any clear and grub required for the construction of the work shall be included. Location OT-50 may require tree removal and restoration, depending on contractors staging and MOT plans for maintaining service during foundation, structure, and signage installation.

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28. Install and maintain silt fencing, inlet protection, curb inlet protection and all other erosion controls / SWPPP as needed to control and protect against erosion and runoff associated with Subcontractors work.
29. Any existing areas disturbed by this work scope that aren't called for new construction are to be fully restored back to existing conditions at no additional cost following FDOT Standard Specifications for Road and Bridge Construction Index 570.
30. Dumpsters, concrete washout bins, and portable bathrooms are to be provided by this subcontractor ~~Turner Kiewit JV~~ TK. This subcontractor will provide dumpsters, concrete washout bins, and portable bathrooms in the main Landside Civil footprint, this subcontractor to manage logistics on transporting to/from signage locations during shift if required.
31. The Subcontractor shall plan and schedule its work as to remove and replace signs during the same shift as to maintain proper wayfinding and not create confusion to live traffic during non-working hours. Any temporary signage needed to maintain wayfinding until the replacement signage is in place is included in this GMP.
32. Provide signage overlay to signs identified in the document attached, include removal of existing overlay patch prior to new overlay installation where noted in plans. Include temporary covers on overlays where noted in plans.
33. Any damage to existing signs, including structural, electrical, lighting, or finishes/paint, during the installation of the overlay is to be repaired at no additional cost to the Owner. Repair procedure to be submitted for approval prior to repair.
34. The new OH sign structures to be provided are to be tri-chord galvanized and not monotube structures.
35. Any damage during the installation of new signs onto existing structures, including structural, electrical or lighting, during the installation of the new sign is to be repaired at no additional cost to the Owner.
36. The scope includes the furnishing and installation of GM-001
37. The scope includes the furnishing and installation of new OH structures OT-018, OT-020, OT-021, OT-022 and OT-050

MOT

38. Compliance required with GOAA UON (Utility Outage Notification) process and planning. Initial MOT plan to be submitted a min of 30 days prior. Standard MOT UON submitted 5 days ahead.
39. Engineered, signed, and sealed Maintenance of Traffic (MOT) plan acceptable to GOAA. Any parameters requiring clarification are to be submitted pre-bid. Perform as many modifications as required to achieve an acceptable MOT plan at no additional cost.

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40. Any MOT required for this scope including, but not limited to: flagmen, barriers, barricades, lights, lighting, signage, off duty police officers, and any other requirements needed for the safe coexistence of this construction with existing traffic.
41. MOT and night work will be required during this scope of work. The hours allotted for lane closures and detours are from 10pm to 4am. Sign replacements that require full closures at entrances to Terminals A or B, will be restricted to closure work hours of 1am to 3am (ex. Sign replacements on OT-031)

Work Excluded

- ~~1. Dumpsters~~
- ~~2. Concrete Washout Bins~~
- ~~3. Porto Johns~~
4. OH Sign electrical work noted on C42.2.xx plan sheets
5. Ground mounted sign GM-002

Small Business

1. TK and their associated partners are committed to the MWBE and LDB goals. For the Construction Management participation our associates include Ardmore Associates, PSA Constructors and P.A. Wallace.
2. The DBE requirement for this Subcontract is:
 - a. DBE: 15%

Liquidated Damages

1. For every calendar day after the anticipated substantial completion date for this GMP, Liquidated Damages in the amount of ~~\$52,000.00~~ \$20,000 per calendar day will be assessed.

General Requirements

1. This Subcontractor's Work shall conform to/with all specified and applicable codes and commonly referenced/accepted industry standards.
2. Subcontractor shall provide all required hand work to complete its Work.
3. In the event Subcontractor is to provide material per manufactures standard color charts but material is to match that of a different manufactures standard color in which Subcontractor's

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manufactures standard color charts do no match different manufactures colors, Subcontractor shall provide custom color to match.

4. In the event of a discrepancy between any of the Contract Documents not clarified prior to the Proposal submission, included are all provisions to complete the Work per any of the varying depictions at no additional cost.
5. Where errors, omissions, discrepancies and/or other conflicts exist between building code, commonly referenced/accepted industry standards, the plans, specifications, and/or any of the Contract Documents, the more stringent requirement shall apply. This Subcontractor shall review the Contract Documents and notify TK in writing when Subcontractor becomes aware, or should have reasonably become aware of said omissions, errors, discrepancies and/or other conflicts within five (5) days of discovery.
6. Subcontractor acknowledges and agrees that the intent and meaning of the Contract Documents is such that the Subcontractor shall provide an installation that is complete with all items, related and/or incidental work and appurtenances necessary, incidental to or customarily included, even though each and every item may not be specifically called out or shown on the drawings and/or specifications. Additionally, Subcontractor represents and agrees that it has conducted a thorough examination of the Contract Documents (including but not limited to their sufficiency) and the work to be performed by the Subcontractor pursuant to this Agreement will result in fully warrantable, functional and operable systems and/or installations regardless of whether or not all required work is included or indicated therein.
7. Subcontractor shall participate in planning meetings as directed by TK.
8. Subcontract Award is contingent upon Owner approval.

Coordination and Layout

1. Subcontractor shall provide all necessary field verifications and/or field engineering required to complete its Work. This shall include, but is not limited to, field verification of all dimensions and conditions at the job site applicable to its Work. Subcontractor shall notify TK in writing, of any discrepancies, conflicts, or omissions promptly upon discovery to allow corrections without impacting the Project Schedule.
2. Subcontractor shall coordinate its Work with that required of the other trades to avoid clashes and/or interferences with existing and/or new structural, architectural, electrical, mechanical, piping and/or plumbing systems, equipment, and/or materials, systems, or construction. Shop drawings and submittals shall not relieve Subcontractor of this contractual obligation. Entitlement to change orders related to clashes, interferences, and/or lack of coordination shall not exist.
3. Subcontractor shall closely coordinate the performance of its Work, and cooperate with the Greater Orlando Aviation Department, Airport Operations, USCBP, TSA, and Airport Police, personnel, schedules, and work rules so as to avoid conflict, delay, or interference in the project.

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4. Subcontractor shall furnish all surveying and staking as required in the performance of its Work from Contractor furnished control/bench marks.

Submittals, RFIs, and Mockups

1. Subcontractor is responsible for all submittals including, but not limited to, Shop and/or Shop Coordination Drawings, Product Data, Samples, and Mockups. Engineered and/or Delegated Design Shop Drawings and/or Design Calculations, where required by the Contract Documents, shall be signed, sealed, and stamped by a currently registered and licensed Professional Engineer in the State of Florida. All submittals must be provided to TK electronically via email with the exception of physical samples.
2. Subcontractor shall submit a complete, detailed "Contract Items List" listing all Engineering submittals (cuts, samples, drawings, etc.) with dates when submittal "will be submitted" and the "Lead Time for Fabrication" for TK's review/approval within ten (10) working days after Contract Award.
3. Subcontractor shall thoroughly evaluate long lead materials and/or equipment items, furnish a long lead material/equipment items log to TK, maintain regular updates thereto, and coordinate required procurement activities in alignment with, and without impeding, the Project Schedule.
4. Subcontractor shall furnish/submit shop and/or shop coordination drawings for approval in packages that allow for complete coordination of the Work in accordance with the Project Schedule. Failure to meet the submittal date or work activity item schedule will lead to delays. This Subcontractor shall be responsible for any delays associated with their late submission and/or related procurement activities.
5. This Subcontractor is responsible for all Contract Document information in the preparation of shop drawings. If there are conflicts, shop drawings shall highlight this discrepancy with a recommended solution. Any deviations from the Contract Documents, should there be any, shown or not shown on the submittals/shop drawings shall be accompanied with notes in bold font and clouded. RFIs shall be submitted to TK to memorialize any deviations described in the submittals.
6. Subcontractor shall participate in BIM Coordination. Subcontractor shall provide all work associated with TK's BIM Execution Plan included in **Exhibit "I"**.
7. Shop and/or shop coordination drawings are intended to compliment and be utilized in conjunction with the BIM coordination process. This Subcontractor shall review the shop and/or shop coordination drawings received from or posted by TK, and notify TK, in writing, of any discrepancies or coordination issues. Subcontractors that are late with submission of shop and/or shop coordination drawings or do not submit shop and/or shop coordination drawings shall be responsible for any cost and or schedule impacts for associated with rework.
8. Allow a minimum of twenty (20) business days for the review of each submittal/resubmittal item by TK and the Design Team. Any submittals which require corrections and resubmittal must be resubmitted to TK within five (5) business days following receipt of the returned submittal. Cost

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- and schedule impacts associated with required resubmissions, as a result of Subcontractor's negligence in preparing the submittal/resubmittal, will be the sole responsibility of Subcontractor.
9. Allow a minimum of ten (10) business days for the review of each RFI by TK and the Design Team.
 10. Subcontractor shall notify TK, in writing, with sufficient advanced warning of any and each delay or potential delay that may occur due to the lack of information or slow return of submittals and RFI's.
 11. Subcontractor shall include any costs associated with construction of the mock-ups, regardless of location, in the Subcontract Price.

Document Control, Reporting, and Record Keeping

1. Subcontractors are required to use TK's web-based project management and online file distribution and storage system(s)/solution(s), Procore, to access the Contract Documents and to access and transfer submittals and RFI's related to the Work. All Subcontractors will log in daily to get the latest available information regarding changes that have been made that may impact the Work. If a change involving another subcontractor has an impact on the work of this Subcontractor, it is this Subcontractor's responsibility to contact TK for guidance before proceeding.
2. Subcontractors will be provided access to the Contract Documents in electronic format only. Hardcopies (paper) will not be provided.
3. Subcontractor shall submit Daily Construction Reports (DCR's) electronically, in format as directed by TK, to the onsite TK superintendent at the end of each working day. Subcontractor shall also furnish a hard copy of the DCR for the previous day's work, on TK forms, to the TK field offices by no later than 9:00 AM the following business day.
4. DCR's shall document, at minimum, the quantity of personnel onsite (including sub-subcontractors), their respective trade classifications, hours worked, the description of the work performed, materials and equipment utilized or consumed, material and equipment deliveries received, problem areas identified, and any inspections performed.
5. Any DCR that is incomplete, inaccurate, or contains unverified statements may be rejected and must be re-submitted within twenty-four (24) hours. It is this Subcontractor's responsibility to ensure that any of its tiered subcontractors also turn in DCRs and follow the same requirements of this section. Daily entry confirming submission of that day's DCR and listing total manpower on a chart posted in TK's trailer is also required by 9 am. Failure to provide timely DCR's and man power may result in delaying of monthly payment applications.
6. Subcontractor shall maintain a current set of as-built drawings for its Work. Subcontractor shall update its onsite master as-builts weekly for work completed. As-builts will be subject to regular audit by TK.

Schedule, Phasing, Working Hours

1. Subcontractor has reviewed and has fully familiarized him/herself with the requirements of the Project Schedule included in **Exhibit "B."** TK and Subcontractor mutually agree that time is of the essence with respect to the sequence and durations set forth therein.
2. Subcontractor's Work shall be completed within the durations set forth in the Project Schedule. Subcontractor has included all associated costs to meet the Project Schedule as defined, including, but not limited to:
 - a. Cost's associated with overtime, shift work, and/or other premium time.
 - b. Costs associated with material, rental, or labor escalation.
 - c. Cost's associated with early material procurement and/or expediting.
3. In the event of a rain delay occurring during the workweek, this Subcontractor agrees to work on Saturday as a make-up day, at no additional cost to TK.
4. All necessary mobilizations are in the Contract Price, including the phasing of Work on multiple buildings at the same time and/or as required to accomplish the milestones established in the Project Schedule.
5. Subcontractor's materials and equipment shall arrive onsite in sufficient time to permit installation without impeding the Work of the other downstream trades.
6. In the event that Subcontractor fails to maintain the Project Schedule, Subcontractor shall provide all means necessary including, but not limited to, additional manpower, materials, equipment, supervision, and/or additional hours (including shift work), to recover the schedule. Should subcontractor fall behind schedule, a meeting with the subcontractor and TK principles will be set up to put forth a recovery plan.
7. This Subcontractor acknowledges that the best practices of Lean Construction will be administered on this project. Lean principles can be reviewed in **Exhibit "G"** and at www.leanconstruction.org. Weekly meetings and site planning will be dedicated to promote Lean Construction.

Site Logistics

1. Onsite storage and laydown space is very limited and therefore Subcontractor, as its basis for base bid, shall include offsite storage and just in time delivery for all materials, tools, and equipment to the site.
2. Subcontractors whom have been approved for onsite storage space shall coordinate delivery and storage of any/all materials and equipment onsite with TK's designated Project Superintendent. This Subcontractor shall provide any temporary weather protection measures and maintenance thereof as deemed necessary for the suitable storage and protection of its materials, and shall

anticipate the need for any/all of their materials and/or storage containers to be relocated as needed to facilitate the flow of work onsite or as directed by TK Superintendent.

3. Subcontractors who have been approved for onsite storage space shall unload and confirm its onsite material and equipment deliveries, and shall be responsible for all necessary material handling, hoisting, distribution, storage, drayage, etc. of its materials.
4. Subcontractor's ability to establish an onsite project office will be limited and Subcontractor shall anticipate for project team management to be located offsite, or at Subcontractor's local office. Subcontractors whom have been approved for an onsite project office shall be responsible for acquiring required permits, and for providing any power, communications, water and sewer connections, or any other temporary utilities required.
5. Subcontractor shall provide any temporary power, construction water, and all other temporary utility and/or facility provisions required for the satisfactory performance of its Work. Subcontractor shall be responsible for related temporary service and/or consumption fees.
6. Subcontractor shall review, coordinate, become familiarized, and understand the Site/Building Logistics Plan included in **Exhibit "F"** with regards to the following, but not limited to, items:
 - a. Parking
 - b. Deliveries
 - c. Laydown
 - d. Vertical Transportation
 - e. Dumpster Access
 - f. Building Subcontractor Office Restrictions
 - g. Break and Lunch Locations
7. Gravel roads and laydown areas to be furnished by TK shall be limited in quantity and extent to that represented on the site logistics plan drawing. All other gravel roads and laydown areas required for the performance of Subcontractors Work shall be furnished by Subcontractor.
8. For all materials and/or items to be furnished by this Subcontractor and installed by others, this Subcontractor is responsible for coordinating the delivery and acceptance of such items with the installing Subcontractor. This Subcontractor shall document the transfer of all items on a material transfer ticket, which shall include a physical description and quantity of the materials or items transferred, and acknowledgement of receipt by the receiving Subcontractor, in the form of a signed and dated material transfer ticket. In the event that any materials and/or items furnished by this Subcontractor are lost and this Subcontractor cannot produce documentation or evidence of transfer, neither TK nor the receiving Subcontractor shall be responsible and this Subcontractor will be responsible for the replacement of such items at no additional cost.
9. Subcontractor shall immediately receive, unload, uncrate, inventory, distribute, store, and protect materials and/or items received from "others" for installation by this Subcontractor and provide

documentation to TK which includes a physical description and quantity of the materials or items transferred, and any exceptions taken. Custody and control of transferred materials and/or items shall transfer to this Subcontractor upon receipt.

10. Use/consumption of any/all tobacco products as well as sunflower and/or related seed products, will only be allowed in designated areas, which generally exclude the interior of any building, or within any of the work areas.
11. Drugs, alcohol, fire arms (permitted or otherwise), and/or any other weapons shall be prohibited onsite.
12. All personnel entering the jobsite shall obtain appropriate credentials, badging, and/or clearances pursuant to the security requirements of the Contract Documents.
13. Subcontractors must comply with the NOTHING HITS THE GROUND policy. General items include:
 - a. FABRICATION:
 - i. All material fabrication shall be performed at a work station between 30 and 39 inches off the floor.
 - ii. Work station shall be mobile and include a fire-stop directly behind all chop saws.
 - iii. Rubbish containers shall be mobile and located directly adjacent to the work station.
 - iv. The Subcontractor is to furnish all mobile rubbish containers for their work.
 - b. HOUSEKEEPING:
 - i. All unusable material shall be disposed of as it is generated and be immediately placed in mobile containers provided by the Subcontractor. Refer to the Bid Manual Appendix F for the Construction Waste Management Plan.
 - ii. Cordless power tools are required unless the Subcontractor can demonstrate a hardship or need to use tools with power cords.
 - iii. This Subcontractor is required to elevate off the ground all power cords in order to minimize tripping hazards on walking/working surfaces.
 - iv. Debris is not allowed to be consolidated on the floor.
 - v. Every reasonable effort shall be made to eliminate packing and delivering waste to the site. Asking manufacturers to reduce unnecessary paper packaging on the materials you buy from them. For example, notifying manufacturers to deliver items in reusable packaging that can be hauled back to the manufacturer for reuse.
 - vi. This Subcontractor shall be responsible for its own recycling and rubbish removal to TK provided containers. If TK labor is required to remove this Subcontractor's debris, a back charge for the appropriate amount will be deducted from this Subcontractors account.
 - c. MATERIAL HANDLING/ STORAGE:
 - i. Material may not be stored within ten (10) feet of the building perimeter or adjacent to shafts or stairwells.

- ii. All material lay-down areas must be coordinated and designated by TK.
 - iii. Material must be stored to promote mobility of material. Pipes, conduits, metal fabrications and steel framing are to be stored on rolling racks or similar means of conveyance. Bulk material should be palletized to allow for easy mobility using a pallet jack.
 - iv. Provide "Just in Time" delivery to minimize clutter. Nothing should be stored on a floor that cannot be installed within one (1) week.
 - v. Heavy material such as glass and drywall must be loaded so as not to overload the structure. This Subcontractor is required to do a floor loading analysis for submission to TK for review and approval.
 - vi. This Subcontractor shall adhere to the LEAN construction requirements in the Subcontractor Manual. Additionally, items delivered to the site shall include tagging indicating the shop drawing number, location of installation, date of delivery and fabricating Subcontractor's name.
14. Employee parking will be made available within a mile of the site. All costs associated with busing of Subcontractor's employees from the parking lot(s) shall be by this Subcontractor. Subcontractor shall provide for TK's review within three (3) weeks of subcontract award, their bussing plan identifying items such as the number of busses anticipated, hours of operation etc.
15. TK will provide 120V temporary power (for power tools) within one hundred (100) feet of this Subcontractor's work areas. This only applies within the confines of the building footprint. This Subcontractor shall run extension cords from the provided temporary electric/spider boxes. This Subcontractor is responsible to furnish, install, or otherwise provide, temporary power provisions for their own welding machines and/or other specialty equipment requiring 220V or higher power.
16. This Subcontractor understands that temporary power may not be available on-site until the 3rd quarter of 2019. Include any costs associated with generator power for the performance of the Work until such time as temporary power is provided.
17. TK will provide temporary lighting to meet OSHA standards. This Subcontractor to provide supplemental task lighting that may be necessary to perform its Scope of Work.
18. TK will provide temporary water (non-potable) connections (hose bids) on the North and South sides of the building at each floor level. The temporary water will not be directly adjacent to Subcontractor's scope of work area. Subcontractor will include all costs to obtain or otherwise connect to and distribute temporary water as required for its Work.
19. TK will provide portable toilets and hand wash stations.
20. Subcontractor shall provide lifts as needed to perform this Subcontractor's Work. Refer to S0.00.01 for the lifts that the design loads of the building were based upon. Utilization of any other lift manufacturer, type, or capacities must be submitted for approval by the design professionals and TK.

Protection and Housekeeping - General

Additional Provisions
South Terminal C - Phase 1- Landside
Landside Civil (LSC)
Orlando, Florida

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1. Subcontractor shall provide continuous protection of all surrounding surfaces, finishes, infrastructure, services, and utilities in the performance of its Work.
2. Subcontractor shall furnish, install, implement, and maintain appropriate temporary protection and quality control provisions and material storage/handling practices to protect materials furnished by and/or furnished to Subcontractor against damage and/or the normal operations of other trades.
3. Subcontractor shall provide all labor, materials, and equipment required for traffic control (i.e. signage, directional lighting, flagmen, separation barriers, temporary barriers, etc.) as required for the performance of its Work, in coordination with/beyond the extent shown on the Site/Building Logistics Plan.
4. Subcontractor shall implement best management and work practices with regard to noise control as well as dust migration mitigation and prevention.
5. Subcontractor shall utilize special precautions to contain all debris, fumes etc. associated with its Work and to eliminate the risk of impacting the facilities operations and environmental control. This may require localized enclosures and/or protection in the areas subject to risk adjacent to Subcontractors operations.
6. Upon completion of its Work, Subcontractor shall restore finished concrete floors, pavements, subgrades, or final grades to the original condition upon which they were received prior to the start of Subcontractor's Work.
7. Subcontractor shall repair, patch, and touch up marred surfaces to match adjacent finishes damaged by the performance of its Work.
8. Subcontractor shall design, furnish, install, and remove any temporary bracing or support as indicated or required for the performance of its Work.
9. Subcontractor shall remove grease, dust, dirt, stains, labels, fingerprints, and other foreign materials from interior and exterior surfaces of products, materials, or finishes furnished and installed by its Work.
10. Gas/diesel powered equipment shall not be permitted to be used indoors.
11. Subcontractor shall perform all x-raying, saw cutting and coring as required in the performance of its Work.
12. This Subcontractor will be responsible for any and all costs necessary for the complete repair of any damages to the existing structures or elements scheduled to remain that may result from the Work.
13. Subcontractor shall provide daily cleanup of trash and debris resulting from its work. All work areas must be cleaned of individual trade trash/debris at the end of every day and all trash and debris shall be placed in onsite dumpsters that will be provided by others. Failure to maintain

- clean areas will result in supplementation of work forces and back charges following forty-eight (48) hour notice.
14. In addition to the cleaning requirements stated above, this Subcontractor shall provide eight (8) hours of composite cleanup labor for every one hundred and twenty-eight (128) hours of actual CCIP reported labor hours including lower tier subcontractor hours. These man-hours are to be tracked and used at TK's Superintendent's discretion.
 15. All scissors, forklifts, or equipment utilized within the building footprint must have non-marking tires or tire protection installed as to not leave marks on the floor. Equipment should also have installed protection to prevent leaks from liquids.

Insurance

1. Subcontractors who are providing design services, signing and sealing any documents, will be required to procure and maintain or cause their subcontract Architect(s)/Engineer(s) to procure and maintain professional liability insurance (E&O) for protection from claims arising out of the performance of any design or engineering services performed or furnished in connection with the Subcontract Work caused by any negligent act, error or omission for work which Subcontractor and/or the Subcontract Architect(s)/Engineer(s) may become legally liable. Such professional liability insurance shall provide for \$3,000,000 coverage unless a different level is specifically agreed to prior to bidding. The insurance will meet the following criteria:
 - a. Policy Term – Effective Date of policy to the date of Substantial Completion of the Project.
 - b. Policy shall provide for the indemnification and defense of Turner-Kiewit and the Owner from claims and claim expenses arising out of any such negligent act, error, or omission.
 - c. Subcontractor shall maintain this Professional Liability coverage for 10 years after substantial completion of the Project, will notify Turner-Kiewit of any changes in the policy in subsequent years and will ensure that the policy will not provide less limits or coverage than the current policy.
 - d. Written notice shall be provided to Turner-Kiewit sixty (60) days prior to cancellation of such insurance or any material change with respect thereto.
 - e. Such professional liability insurance shall be in a form acceptable to Turner-Kiewit and shall be issued prior to the commencement of the Work.
2. Contractor Controlled Insurance Policy (CCIP): This project is under a CCIP. All Subcontractors, whether included or excluded, shall provide insurance per the requirements of the CCIP Insurance Manual included in **the Bid Manual-Appendix D**. Reference Section 4, 5, and 6 for excluded parties' obligations.
3. For Subcontractors enrolled in CCIP, TK will be providing Workmen's Compensation, General Liability, and Excess Liability Insurance for all work performed on-site under the CCIP. All

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automobile insurance and off-site insurance shall be provided by this Subcontractor. Minimum limits of liability provided by the Automobile coverage shall be a combined single limit of \$1,000,000. **Subcontractors are responsible for a deductible for each General Liability claim filed under CCIP. There is no deductible for the CCIP Workers Compensation claims.**

4. Subcontractor shall refer to the Contractor Controlled Insurance Program (CCIP) manual included in the **Bid Manual-Appendix D** for all other important requirements, terms, or conditions.
5. Any insurance provided by this Subcontractor, not provided under the CCIP Insurance program, with the exception of Professional Liability Insurance, shall list the following Additional Insured:
 - a. The Greater Orlando Aviation Authority, The City of Orlando, and their members (including, without limitation, members of the Authority's Board and the City's Council and members of Citizens Advisory Committees of each), Officers, Agents (excluding Architects, Engineers, and Design Professionals) and employees of each, Turner Construction Company, and Kiewit Infrastructure South Co.

Permits, Fees, and Taxes

1. The General Building Permit Plan Check and General Building Permit will be obtained and paid for by others (GC). Subcontractor shall obtain and pay for all trade related building permits, specialty permits, governing agency approvals, government agency inspections, business and/or contractor licenses, and all related or ancillary fees, charges, or taxes as applicable.
2. Subcontractor shall pay all sales and/or use taxes, freight, or other ancillary fees or charges associated with the performance of its Work. Taxes included in the contract amount are considered lump sum. This Subcontractor is responsible for any taxes not specifically exempted elsewhere.
3. Subcontractor shall be responsible for any utility tap, administrative, and/or consumption based fees or charges in the performance of its Work.

Payment, Changes, and Delays

1. Textura: Unless otherwise directed or authorized, in writing by TK, all Payment Applications and all supporting documents for This Subcontractor (including but not limited to lien waivers, sworn statements, and the like) shall be compiled in electronic format and shall be submitted to TK using the Textura-CPM™ payment management system. This Subcontractor shall be responsible for the fees and cost owed and associated with their use of the Textura-CPM™ payment management system. Fees are calculated at 0.18% (18 basis points) of the Subcontract Value, with a minimum fee of fifty dollars (\$50) for Subcontract Values up to twenty-seven thousand eight hundred dollars (\$27,800) and a maximum fee of two thousand five hundred dollars (\$2,500) for Subcontract Values above one million three hundred eighty-eight thousand dollars (\$1,388,800).

2. The Florida Rider- Accelerated Payment Program amends and supplements your Agreement with TK and provides you the opportunity to enroll in the Program through Textura CPM and receive accelerated payments on your invoices. Formal enrollment into the Program can then be accomplished via the Textura CPM system. Additional information and Program benefits are included in the attached Turner Accelerated Payment Program summary. You may be contacted by a representative from Turner or Textura who can provide additional information on the Program and answer questions you may have or you may call Textura at 1-866-TEXTURA (839-8872) with any questions.
3. Subcontractor shall include a value of \$(.25% of contract value), in its schedule of values for the preparation and submission of as-builts. Progress billings of this dollar amount are acceptable as as-builts documents are submitted.
4. Subcontractor shall include a value of \$(.25% of contract value), in its schedule of values for the preparation and submission close-out documents. Progress billings of this dollar amount are acceptable as close-out documents are submitted.
5. Payment Applications are due the fifteenth (15th) day of each month and shall be projected to the end of the month. Stored materials may not be forecast, and can only be billed with substantiating backup. Invoices must include the pre-approved project specific Schedule of Values on Textura. Failure to submit a payment request within the time specified will result in payment delays or the rejection of your Payment Application for the month in question.
6. All billings are subject to TK's and the Owner's review, verification and approval.
7. Each Subcontract shall include an acknowledgement by each Subcontractor and supplier that the payment bond provided by TK pursuant to this Agreement is a substitute for the right to claim a lien on the project, and that any claims for nonpayment shall be made against the bond in accordance with Section 255.05, Florida Statutes.
8. Timely and accurate submission of Daily Construction Reports, Subcontractor Change Order Logs and BIM coordination and/or as-built models/drawings are condition precedent of acceptance of Subcontractor Payment requests.
9. The Subcontractor Change Order Log shall be submitted bi-weekly, at minimum, and list all the approved and outstanding scope changes and include the following information: change number, reference to TK PCO number, summary description of the change, requested amount, whether or not the work is done.
10. Subcontractor shall furnish initial notice of claim for potential cost and/or schedule impacts to TK within a minimum of one (1) day prior to the time stated in the Prime Contract and in format and content consistent with which TK must submit such claims to the Owner. In no case shall this exceed two (2) days. Failure to comply with the conditions for giving notice and submitting claims shall result in the waiver of such claims.

11. All requests for pricing shall be returned within seven (7) business days. All pricing submitted must have material, labor (hours and rates), equipment, bonds, insurance, overhead and profit breakouts.
12. Subcontractor must be issued a TK PCO # for any work that will be performed on a field tickets prior to the work being started and the PCO # must be on the ticket. Field tickets without PCO #'s will not be accepted, regardless of signature or otherwise. Signed field tickets (by TK Superintendent) showing verification of work performed must be submitted to TK's project manager within five (5) business days of the work being completed.
13. This Subcontractor shall only proceed with extra or change order work with prior written direction from TK. T&M work will require all tickets to be signed by the TK Superintendent no later than 9:00 AM the following day, for work completed the day prior. T&M Tickets without a TK signature and without a TK PCO # will not be valid. TK's signature on T&M tickets shall only verify time, material, and equipment quantities. In no case shall this signature constitute an approval of a change in contract amount.
14. Subcontractor agrees that claims or disputes as to payment, time, Scope of the Work, changes or any other type of disagreement or dispute, shall not excuse Subcontractor from proceeding promptly with the Work per the Subcontract Agreement.
15. Mark-up on Changes: Mark-up is defined as the compensation for the Subcontractor's overhead and profit, and includes all costs associated with general conditions, all home office costs, supervision (home office staff, project managers, project engineers, superintendents, foremen and all salaried employees of the subcontractor that have been assigned to the Project), cost estimating services, consumables, small tools valued at five hundred dollars (\$500) or less, layout, coordination, as-built drawings, BIM services, BIM expenses, subcontractor insurance, subcontractor Subguard or other default insurance, subcontractor bonds and all other items other than the actual labor, allowed labor burden, equipment, materials, tax and mark-up. No separate payment shall be allowed for any expense that is included in the mark-up unless a time extension and extended general conditions costs are approved in accordance with Article 10. Unless otherwise agreed by the Owner, the amount of mark-up allowed for Subcontractors shall be applied upon the net value of the change for changes that include both additions and credits. The total amount of mark-up for all Subcontractors affected by a subcontract modification, regardless of tier, shall not exceed fifteen percent (15%) of the total labor, equipment and materials. Deductive change orders shall include a credit to the Owner of five percent (5%) for mark-up on the deductive amount if the OAR determines that the change reduces the time for completion or reduces the general conditions of the Subcontract.
16. Subcontractor's change requests shall be prepared per the Prime Contract.
17. The maximum labor burden rate on subcontractor change orders shall not exceed forty-two percent (42%) for straight time and thirty percent (30%) for overtime.

18. Damages for Delay “AGREEMENT FOR CONSTRUCTION MANAGEMENT AT RISK (“CM@R”) South Airport Terminal C, Phase 1” (Prime Contract): The subcontractor expressly agrees that the Damages for Delay provision of the Prime Contract with the Owner applies to all requests for compensation and claims submitted by the subcontractor to the CM@R for submission to the Owner and that provision constitutes the sole and exclusive remedies for delays and changes in the work and waives all other remedies for claims for increases in the subcontract price, damages, losses or additional compensation.

Supervision, Workforce

1. Each Subcontractor shall provide field (on-site) supervision through a named Superintendent as identified in the Bid Documents. In addition, the subcontractor shall assign and name a qualified employee for scheduling its work. The supervisory employees of the subcontractor (including field superintendent, foreman and schedulers at all levels) must have been employed in a supervisory (leadership) capacity of substantially equivalent level on a similar project for at least two (2) years within the last five (5) years. The subcontractor shall provide to TK a resume of experience for each employee identified by the subcontractor to supervise and schedule its work.
2. Key personnel assigned to the project must be approved by TK. Such key personnel shall not be removed from the project without prior written approval from TK. If for any reason TK determines that any such personnel must be removed from project, this subcontractor shall promptly remove identified personnel and provide a satisfactory replacement.
3. This Subcontractor’s on-site Foreman, Superintendent or Project Manager are to attend required coordination meetings, pull planning and weekly Foreman meetings to discuss safety, upcoming activity sequencing of trades, field problems and any other issues that may arise. The person directing and managing the Work for the Subcontractor shall attend these meetings while performing the Work onsite and for a period of one (1) month prior to mobilization for coordination.
4. Workforce: This Subcontractor agrees to perform no less than thirty percent (30%) of the project construction work utilizing its own employees.
5. The Immigration and Nationality Act as amended by the Immigration Reform and Control Act of 1986 (IRCA) makes it illegal for employers to knowingly hire persons who are not authorized to work in the United States. For all employees, employers are required to complete an Employment Eligibility Verification form I-9 which requires the prospective employee to produce documentation that establishes identity and employment eligibility. For more information visit www.uscis.gov, or speak to your attorney. Each subcontractor is solely responsible for properly completing Employment Eligibility Verifications for their own employees.

Site Investigation

Additional Provisions
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Landside Civil (LSC)
Orlando, Florida

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GMP 5S.7
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1. Subcontractor shall thoroughly review the soils investigation reports and existing construction to determine the conditions that may be expected whether visible or hidden.
2. This Subcontractor shall provide all labor, material, and equipment to satisfactorily determine the physical location of buried utilities and/or other obstructions onsite prior to excavating for its Work. Reference TK excavation policy/requirements. This Subcontractor shall be liable and responsible for any damages caused and/or rework required as a result of this Subcontractors failure to comply.

Excavations and SWPPP

1. Subcontractor is responsible for all Storm Water Pollution Prevention Plan (SWPPP) requirements during all work activities and clean-up. If this Subcontractor should fail to comply with SWPPP requirements, any and all associated costs or fines shall be charged to this Subcontractor.
2. All Subcontractors who disturb soil must complete the Turner online Stormwater course and provide proof of the training prior to the safety pre-start meeting.
3. Subcontractor shall implement best management practices with regard to migration mitigation of mud, sediment, debris, etc. from the site onto area roadways. Water for dust control and street sweeping shall be provided by this Subcontractor as required for its Work.
4. Subcontractor shall furnish all excavation, bedding, and structural backfill complete as required for installation. All excavation and backfill operations shall be performed pursuant to the requirements of the Contract Documents, applicable codes and standards, governmental regulations, and all AHJ's. Subcontractor shall assume the presence of unclassified soils and furnish all provisions required to complete the Work.
5. Subcontractor shall provide for its Work all labor, material, and equipment to satisfactorily remove and/or moisture condition and re-compact in place excessively wet or dry materials from trenches and/or excavations prior to placing bedding materials and/or backfill.
6. Subcontractor shall permit and coordinate inspection of the sub grade soils exposed at the bottom of the structural excavations by the engineer or geologist of record, inspector of record, or other qualified/required designee prior to the placement of pipe bedding and/or backfill material to confirm that potentially unsuitable soils have been removed.
7. Subcontractor shall remove from site all spoils generated by its Work and/or excess spoils displaced by installed utilities that cannot be reintroduced into the work as approved fill.
8. All trenches and excavations shall be backfilled, benched, and/or shored in an expeditious manner and shall not at any time impede the progress of, or access to, the project at any time. Subcontractor has included all provisions stipulated in the Contract Documents with regard to excavation, shoring, benching, and backfill of utility trenches and/or excavations as required for the satisfactory performance of this Subcontractors work.

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Orlando, Florida

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9. This Subcontractor shall furnish all labor, material, equipment, and supervision to dewater, and/or pump and bail excavations as necessary, for their scope of work, immediately following weather and/or other triggering event such as rainfall, snow melt, ground water percolation, etc.
10. This Subcontractor is responsible for locating, extending, excavating to, and making all connections to its Work ties into.

Closeout, Training, and Warranty

1. Subcontractor shall provide all close-out related documents and materials required by the Contract Documents including, but not limited to, the following; As-Built Drawings, Operations and Maintenance Manuals, Manufacturer's Warranties, Spare Parts, Attic Stock, etc. no less than twenty (20) working days prior to substantial completion or beneficial occupancy of each phase.
2. Subcontractor shall provide all Owner training in accordance with the Contract Documents and material and/or manufacturers written recommendations.
3. Subcontractor shall furnish all warranties in accordance with the Contract Documents. Where warranty provisions conflict within the Contract Documents, the more stringent requirement shall apply. In the absence of any other specified requirements, Subcontractor shall furnish no less than a one (1) year material and workmanship warranty commencing on the date of Substantial Completion of the project.

LEED Certification (Leadership in Energy and Environmental Design)

1. This Project is being designed and constructed to meet LEED Version 4 Certification Requirements. All Trade Partners will be required to submit documentation and perform work in accordance with the following:
 - a. Specifications *Division 01
 - b. Trade Specific Sections containing LEED Version 4 Certification Requirements
 - c. Project Specific Plans and Policies:
 - i. Construction Waste Management Plan
 - ii. Indoor Air Quality Management Plan
 - iii. No Idling Policy
 - iv. Tobacco Policy
2. The project is currently anticipated to be **certified** LEED V4 BD+C (LEED). This Subcontractor will be responsible for following the LEED information relative to its work.
3. This Subcontractor is to attend a jobsite LEED Conference to review LEED goals for the project, action plans, and discussion of targeted LEED Prerequisites and Credits.
4. Within thirty (30) days of Contract execution, Subcontractors must submit all LEED information, including all forms included in Specification Section 01 3329 Sustainable Material Content Forms. These forms must be updated with actual material weight/volume on a monthly basis,

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including any change orders with the Subcontractors Monthly Pay Application as a condition of payment.

5. All Subcontractors must submit detailed information for the credits noted on the LEED Scorecard listed in the Specifications. TK reserves the right to request additional information pertaining to other credits at any point within the scope of this project. The summarized scope below outlines the current credit requirements, which reference the V4 LEED for New Construction BD+C manual.
6. All submittals must be evaluated on the basis of compliance with the following LEED credits:
 - a. Sustainable Sites Prereq 1 Construction Activity Pollution Prevention
 - b. Sustainable Sites Credit 5 Heat Island Reduction – Option 2
 - c. Energy and Atmosphere Prereq 1 Fundamental Commissioning and Verifications
 - d. Energy and Atmosphere Credit 1 Enhanced Commissioning
 - e. Materials and Resources Prereq 2 Construction Demolition Waste Management Planning
 - f. Materials and Resources Credit 2 Building Product Disclosure and Optimization – Environmental Product Declarations
 - g. Materials and Resources Credit 3 Building Product Disclosure and Optimization - Sourcing of Raw Materials
 - h. Materials and Resources Credit 4 Building Product Disclosure and Optimization - Material Ingredients
 - i. Construction and Demolition Waste Management Comply with submittal requirements of Section 01 74 19 "Construction Waste Management and Disposal"
 - j. Indoor Environmental Quality Credit 2 Low Emitting Materials
 - k. Indoor Environmental Quality Credit 3 Construction Indoor Air Quality Management Plan. Comply with submittal requirements of Section 01 57 31, "Indoor Air Quality Management"
 - l. Innovation and Design – Green Cleaning. Comply with the requirements of Section 01 74 23, "Final Cleaning"
 - m. Innovation LEED CMAR Exemplary Performance
7. Refer to the Bid Manual Appendix "E" for the Indoor Air Quality requirements.

Jobsite Radio's - Required Subcontractor Purchase

Each Subcontractor shall provide to their Safety Manager and their Superintendent(s) a Special Project Radio Network. The radios shall be per GOAA Airport System: 900 Mhz. Contractor's System Access such as Motorola XPR7380 900 Mhz model AAH56UCC9KB1_N hand held portable radio with battery, charger, antenna, etc. with a trunking license (GOAA airtime agreement is \$28.00 per radio per month). The radios must be programed for the TK project channel and Hensel Phelps Construction channel. These are available to purchase from Radio One Communication Services Company, 7041 Grand National Dr. Suite 116, Orlando Fl. 32819; Mr. Greg Parker off: 407-352-9242, fax: 407-248-8654 or another vendor selected by this Subcontractor.

Safety

1. Subcontractor must adhere to the TK safety program and all applicable federal, state and local regulations and standards whichever is most limiting.
2. A "Site Specific Fall Protection Plan" is required for all contractors who have work over 6' in height. This is to be submitted to TK at least seven (7) days prior to the safety prestart.
3. Hole covers required for holes two (2) inches or greater in minimum dimension.
4. Chaps are required when using cut off saws.
5. JHAs and all safety submittals must be sent to TK at least seven (7) days prior to the safety prestart and twelve (12) working days prior to mobilizing. If this date is not met, the prestart will be pushed a day at a time and this Subcontractor will be presented with notice of job delay.
6. Attend safety pre-start meeting at least five (5) days prior to ROJ. If all required submittals are not present, the meeting will be cancelled and this Subcontractor will be put on notice for delay if the Work doesn't start on the ROJ date as a result.
7. All foreman and higher jobsite staff and corporate safety director to attend two (2) hour Building L.I.F.E. training.
8. Prior to a work activity beginning, this Subcontractor must provide Job Hazard Analyses and Pre-task plan, as required by TK, which include job steps, and potential job hazards associated with each step, and protective measures which will be taken to eliminate the hazards.
9. This Subcontractor shall submit a copy of their company safety manual within ten (10) working days of contract execution. Attached to the submitted safety manual shall be evidence of worker certification and training for OSHA 30, forklift operation, fall protection, scaffolding, CPR, first aid, etc. Evidence shall include specific names of individuals trained/certified, copies of any certifications, and any other evidence of training.
10. Submit Safety Data Sheets to TK's Project Safety Manager within ten (10) working days of product submittal approval and prior to the materials being delivered to the Project.
11. Provide excavation protection from cave-in beginning at the four (4) foot depth instead of the OSHA requirement of five (5) feet per TK safety program.
12. Provide temporary fall protection systems or barricades for excavated holes, such as guardrail systems and/or steel plate covers until they are filled. Workers within fifteen (15) feet of an open hole must have fall protection. If guardrails designed per standard are not used, then a barricade lined with orange safety fencing must be used.
13. Provide impalement protection for vertical rebar.
14. Provide temporary barricades around this Subcontractor's area of work. All job-site connect yards, lay down areas and within wall storage areas must be coordinated with TK and perimeter lined with orange plastic stanchions with plastic chains or of similar stability and construction.

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15. Traffic control and/or flagmen as required are included as part of this Scope.
16. This Subcontractor is responsible for providing ice, potable water, PPE and all necessary safety equipment for its staff working on-site.
17. This Subcontract shall adopt a "Ladders Last" policy as outlined within the safety program. Fully inform TK of their plan to comply with Ladders Last at the award meeting. Straight extension Ladders cannot be used during steel erection. Stairs with secure level infill and/or scaffold stair towers to be installed during the steel installation, by the Steel Subcontractor.
18. For cranes and hoists used on-site, a third-party inspection shall be required prior to use. Documentation shall be provided to TK typically seven days but not less than seventy-two (72) hours prior to crane mobilization for review by appropriate safety parties.
19. A guardrail removal permit will be required each instance of loosening or temporary removal of a guardrail. Removal of any safety device must be approved by TK superintendent. Replace all safety/protection devices when removed or damaged by this Work.
20. Radios, music players and other media devices are not permitted on-site at any time. Workers will not be permitted to walk or operate equipment while talking or texting.
21. All workers employed by this Subcontractor shall attend a project specific safety orientation prior to commencing work on the project. All workers will be required to sign a document confirming that they have completed this orientation prior to being allowed to perform any work.
22. All motorized equipment with operator will be required to have rollover protection and useable seat belts for each occupant.
23. All equipment coming site must be inspected by a TK Superintendent and the subcontractor superintendent and provided a verification sticker indicating that inspections were complete and identify the names of all of your approved operators.
24. At least annual, host a safety training program for ALL project workers on a subject applicable to all trades.
25. All temporary lighting and electrical distribution leads are to be maintained at a minimum of eight (8) feet above working/walking surfaces. If using Romex- it must be protected in conduit to a height of eight (8) feet.
26. Electrical Subcontractor must inspect ALL electrical equipment weekly and submit inspection reports to TK monthly.
27. All workers must participate in a site safety orientation after the badging drug test and fit for duty examination. A superintendent of each Subcontractor will meet their new workers at the orientation trailer to review their assignments and associated job hazard analysis and that days PTP whiteboard.

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28. All equipment - mobile, aerial lifts, scissor lifts, ladders, scaffolds, power and hand tools, fall protection system, PFAS and other items used on the jobsite, will be inspected daily and the report will be available to TK upon request and turned in to TK monthly.
29. Personal Fall Protection: Self-retracting lanyards are to be used on this project. Shock – absorbing lanyards are not allowed. Only upon written request and approvals by the TK BUSD, site safety manager and general superintendent can any other form of fall protection be used.
30. When loading or unloading deliveries or removed materials, a means to connect PFAS must be provided when a height of six (6) feet or more on the truck is to be accessible to a worker.
31. This Subcontractor and all lower tier sub-subcontractors shall comply with the requirements of Turner's Policies. One (1) Safety Manager is required for Subcontracts under \$5 million, and at least two (2) for those Subcontracts over \$5 million. **SUBCONTRACTOR SHALL PROVIDE A FULL TIME SAFETY MANAGER WHILE PERFORMING WORK ON-SITE. THE FULL TIME SAFETY MANAGER SHALL HAVE NO OTHER DUTIES ON-SITE.** The on-site Safety Manager is required to:
 - a. Hold a current CSP (Certified Safety Professional) designation OR
 - b. Hold a current CSHT (Certified Safety and Health Technician) OR
 - c. Obtain within sixty (60) days of assignment to the project
32. ALL lower tier subcontractors shall have an EMR less than 1.00 and a good safety program. All lower tiers must be enrolled in the CCIP at least fourteen (14) calendar days prior to the scheduled ROJ date. This Subcontractor's staff with written evidence of certification within the last three (3) years will be acceptable. Training for Subcontractor's staff not currently certified can be done through Turner Knowledge Network (TKN). The web site address is www.turneruniversity.com and must be completed within three (3) months from the date of the Subcontract Agreement or no less than thirty (30) days from start of Work. The cost for this certification is four hundred ninety-five dollars (\$495), and is included in the contract price. Monthly payment is contingent upon evidence of current certification or enrollment in TKN within the three (3) month period mentioned above.
33. In addition to the requirements in the project program, the following second tier subcontractors shall have full time Safety Manager(s) on-site for the duration of the project:
 - a. All MEPs
 - b. All Concrete and Masonry trades
 - c. Steel Erectors and Decking trades
 - d. Drywall and Stucco trades
 - e. Roof trades
34. Safety fines include:
 - a. No Hard Hat (\$500 Fine)
 - b. No Safety Glasses (\$500 Fine)

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- c. Remove Guardrail Protection Without Replacement (\$2,500 Fine)
 - d. Unsecured Compressed Gas Cylinders (\$1,000 Fine)
 - e. Concrete coring holes in deck left unprotected (\$300 per hole)
 - f. Open Electric Panels (\$1,000 Fine)
 - g. No Fall Prevention (\$5,000 Fine)
 - h. Other violations (\$500 Fine)
35. The GOAA hot work permit must be submitted and approved through TK and GOAA at least every twenty (20) days.
36. Scaffolds must have a swing gate at entry level including mobiles and scaffold stair access to all levels nondependent on height.
37. Fuel tanks must be approved and located on GOAA approved fuel farm locations.
38. Only vertical swinging door rolling type job boxes are permitted on the project.
39. All workers employed by this Subcontractor on the Project shall be drug and alcohol tested as identified in the Project Safety Manual. This testing shall be performed by an agency identified by TK and will include the drug and alcohol testing and photo ID badge. This Subcontractor shall contact FC Background direct to set up a testing location and billing. Billing will be directly between FC Background and this Subcontractor.
40. Establish a barricade around the entire lower level of each building, including maintenance and an adequate number of protected entry structures. Refer to safety matrix.
41. Any danger or warning tape must be strong, webbed and removed immediately when work is completed or at the end of every day when it's necessary.
42. Building L.I.F.E Safety Program and Craft Voice In Safety (CVIS) Program
- a. This Subcontractor agrees to participate in the TK Continuous Safety Improvement Process known as Building L.I.F.E. – Living Injury Free Everyday®. Program Goals and Objectives:
 - i. Implementation of a safety improvement process, focused on continuous Risk and Systems Analysis.
 - ii. Increase engagement & involvement of front-line workers in our safety processes.
 - iii. Promote use of positive reinforcement & feedback as a means to influence safe behavior.
 - b. This Subcontractor agrees to participate in initial training and implementation associated with this program (approximately two (2) hour for managers and supervisors). Training will include but not be limited to management and frontline supervisory staff. This will typically happen at the Preconstruction Meeting, but will also happen when new supervisory staff is assigned. TK has a Central training location that provides multiple

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- sub training sessions monthly that can help expedite on boarding of the foreman. Please inquire if this interests you.
- c. Hazard Analysis must be completed electronically on the TK “Building L.I.F.E.® JHA form and reviewed with this Subcontractor’s work force as they are oriented on-site. All Subcontractors are required to perform a periodic review of their work to ensure the adequacy of their work plans and JHAs. This review is a TK Lean Process called a “Rapid Improvement Event” and is typically completed by a team of three (3) to four (4) of this contractor’s front-line employees (non-supervisory). After the review, the team will make suggestions to this contractor’s management and TK on ways to improve safety, logistics, material-handling, minimize waste, etc. which could lead to cost savings for this Subcontractor. This Subcontractor should make every effort to accommodate the suggestions where feasible. Each major activity covered by a JHA will require a “Rapid Improvement event” Event approximately one (1) week after the task begins, and again at approximately sixty (60) and one hundred twenty (120) days only if the specific task is still being done by this Subcontractor. This Subcontractor should allow two (2) to four (4) hours for each Rapid Improvement Event.
 - d. Once a month, TK will select five (5) workers from the entire project workforce to attend a free lunch to discuss safety. When requested, ensure your employee(s) attends during the lunchtime specified. This is typically a half-hour.
 - e. One of this Subcontractor’s crew members might be asked to pair up with a TK Superintendent to participate on a one (1) month team called CVIS. Time expectations would be for five (5) hours of the said month.
 - f. Provide one (1) dry-erase board (3’ x 4’ min) with markers for each of your crews to use during morning safety huddles. Crew size should not exceed ten (10) people per foremen unless approved by TK’s Superintendent.
 - g. Once a month, TK may invite twenty percent (20%) of site employees to complete a five (5) minute ten (10) question Safety Perception Survey (Y/N questions).
 - h. Anyone performing a task that is non-routine, periodic, intermittent or of a high degree of risk, must be performed according to a specific JHA that is fully reviewed with TK Superintendent and TK Safety manager. Any Subcontractor supervisor that does not follow this expectation will be permanently removed from this and any future TK project.
 - i. Subcontractor shall provide personnel for “Fire Watch” and Fire Permits as required to perform its Work.
 - j. All subcontractors will participate in the Craft Voice in Safety (CVIS). Summary information is located in Section 9 of the Project Manual.

Quality Control/Quality Assurance – General

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1. Subcontractor shall submit a Quality Control and Quality Assurance Program for this Scope of Work that includes test and acceptance requirements per the Contract Documents.
2. Subcontractor shall assign and designate a specific person that will be the Subcontractor's full time Quality Control Manager. Subcontractor will submit the designated person's qualifications and experience, with the project-specific quality plan, to TK for review and acceptance prior to the start of work.
3. Subcontractor's Quality Control Manager is responsible for overseeing the overall implementation, coordination and/or approval of all project testing, inspections, and reporting matters to TK. Responsibilities include, but are not limited to:
 - a. Preparation, approval and implementation of the project-specific QC Plan
 - b. Verification of materials as per project plans and specifications
 - c. Approve means and methods to store and protect materials
 - d. Maintain documentation of inspection status of materials
 - e. Maintain documentation for material and administrative approvals
 - f. Maintain team acumen regarding relevant spec, code, or engineering changes.
 - g. Ensure that all materials and construction are in accordance with the requirements for the completeness, accuracy and constructability in accordance with applicable building codes
 - h. Participate in all QC meetings
 - i. Maintain documentation of inspection of work
 - j. Serve as authority and subject matter expert regarding QC decisions pertaining to their scope of work.
4. Subcontractor's Quality Control Manager will not have other roles, such as Safety Manager or Superintendent. Only when TK has deemed that the quality performance of the Subcontractor has been satisfactory and well established, and only via written direction by the TK Quality Control Manager, can the Subcontractor's Quality Control Manager be released to participate in other roles on the jobsite. This release can be rescinded by TK at any time. If the performance of the Quality Manager is deemed unsatisfactory, TK reserves the right to direct the Subcontractor to replace the Quality Control Manager, or supplement the position with another person approved by TK.
5. Subcontractor shall coordinate with and schedule all required trade inspections of its Work as required with the TK Superintendent, the respective Authorities Having Jurisdiction (AHJ's), and Owner's designated 3rd party inspection/testing services firm(s). This Subcontractor shall maintain a good rapport and cooperate to the fullest extent possible with the 3rd party inspection/testing services firm(s).

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6. Subcontractor shall notify TK a minimum of forty-eight (48) hours in advance of when inspections are required. Subcontractor to provide assistance to inspectors as necessary to allow them to perform their duties. This Subcontractor will provide labor assistance and necessary tools and access provisions, i.e.: ladders, platforms, protection, calibrated torque wrenches, etc., in order to facilitate inspections, including overtime if required. Subcontractor will not perform any work requiring continuous testing and or inspection, unless such testing/inspection agency personnel are present.
7. Subcontractor shall provide all labor, equipment, and materials required for the satisfactory pre-testing, adjustments, demonstration, and/or final testing and acceptance of its Work as required by the Contract Documents and/or by the authorities having jurisdiction. Subcontractor shall provide written test reports and/or related documentation memorializing final acceptance pursuant to the requirements of the Contract Documents.
8. Subcontractor shall provide all necessary initial tests and adjustments, written test reports and documentation, acceptance/final testing, and Owner training in accordance with all manufacturers' recommendations and the Contract Documents.
9. Subcontractor shall comply and assist completely in support of all testing, startup, and commissioning activities of the Owner, TK, and/or the other MEP and building related trades.
10. Subcontractor agrees to expeditiously address and correct non-conforming Work and/or perform the work required by inspection/correction lists developed by TK, the Owners inspection team, and/or the Owner's designated 3rd party inspection/testing services firm(s). All work will be performed in a timely manner so that trailing trades Work and the construction schedule is not impacted. Subcontractor shall supply all quality assurance documentation to TK as required.
11. Installation and application of the Work of this Scope constitutes this Subcontractors acceptance of the substrate. This Subcontractor shall include inspections to ensure that all surfaces are fully prepared, well cured and within tolerances required for the proper execution of its portion of the Work. This Subcontractor shall notify TK in writing of any defects and/or conditions that will interfere with or prevent a satisfactory application, and shall not proceed until such defects and conditions are corrected.

Non-Discrimination Provisions

1. The Contractor (TK) shall comply with the Regulations relative to nondiscrimination in federally assisted programs of the Department of Transportation (hereinafter, "DOT") Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this Contract.
2. Nondiscrimination. The Contractor, with regard to the work performed by it during the Contract, shall not discriminate on the grounds of race, color, or national origin in the selection and retention of Subcontractors, including procurements of materials and leases of equipment. The Contractor shall not participate either directly or indirectly in the discrimination prohibited by

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section 21.5 of the Regulations, including employment practices when the Contract covers a program set forth in Appendix B of the Regulations.

3. Solicitations for Subcontracts, Including Procurements of Materials and Equipment. In all solicitations either by competitive bidding or negotiation made by the Contractor for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential Subcontractor or supplier shall be notified by the Contractor of the Contractor's obligations under this Contract and the Regulations relative to nondiscrimination on the grounds of race, color, or national origin. The Contractor assures that it will comply with pertinent statutes, Executive orders and such rules as are promulgated to assure that no person shall, on the grounds of race, creed, color, national origin, sex, age, or handicap be excluded from participating in any activity conducted with or benefiting from Federal assistance. This provision binds the Contractor from the bid solicitation period through the completion of the contract.
4. Information and Reports. The Contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Owner or the Federal Aviation Administration (FAA) to be pertinent to ascertain compliance with such Regulations, orders, and instructions. Where any information required of a Contractor is in the exclusive possession of another who fails or refuses to furnish this information, the Contractor shall so certify to the Owner or the FAA, as appropriate, and shall set forth what efforts it has made to obtain the information.
5. Sanctions for Noncompliance. In the event of the Contractor's noncompliance with the nondiscrimination provisions of this Contract, the Owner shall impose such contract sanctions as it or the FAA may determine to be appropriate, including, but not limited to:
 - a. Withholding of payments to the Contractor under the Contract until the Contractor complies, and/or
 - b. Cancellation, termination, or suspension of the Contract, in whole or in part.

Unit Pricing

The following unit pricing shall apply if approved by Owner; for additions and deductions in scope. Unit prices shall include all tax, engineering, bond fees, overhead, profit, etc. for a complete cost of the Work.

Item	Description	Unit of Measure	Value
1	None		

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Allowances

Do not include any allowances listed in the drawings and specifications in the base bid. These allowances should be bid as an alternate.



S E C T I O N 1 4

**Bid Tab per Individual
Bid Package**

**GMP 5-S.7
BP-S00192
Overhead Roadway Signage**

GMP 5-S.7 – Overhead Roadway Signage
BP-S00192
BID TABS PER BID PACKAGE

The Bid Recording Sheets for the following packages are included in this section:

10.1.0 Overhead Roadway Signage



Turner – Kiewit Joint Venture
Orlando International Airport
South Terminal C
11082 Canal Rd
Orlando, Florida 32827

Torie Brooks
GOAA
11064 Canal Road
Orlando, FL 32827

Subject: Subcontractor Award Recommendation – BP-10.1.0
GMP 5-S.7 Overhead Roadway Signage

Ms. Brooks:

In accordance with our Agreement, Turner/Kiewit recommends Transportation Systems Inc be awarded a Subcontract for the Overhead Roadway Signage scope of work for the South Terminal Complex.

TK received bids from Transportation Systems Inc and Conti LLC for the work. TK met with the bidders to confirm their scope, price and small business participation and found Transportation Systems Inc. to be the low responsive bidder.

The Award amount includes the electrical alternate for signs OT-50 and OT-59 in the amount of \$42,000.

10.1.0 Overhead Roadway Signage

Subcontractor Name:	Transportation Systems Inc.
Subcontractor Bid Amount:	\$2,084,000
Committed DBE Percentage:	34.78%

Should there be any questions or comments regarding this recommendation, please don't hesitate to contact the undersigned.

Sincerely,

Jeff Justen
Program Manager

CC:
File Folder: GMP 5-S.7



Project: GMP 5-S.7 Overhead Roadway Signage		Turner Estimate				Transportation Systems Inc.				Conti LLC								
2/8/21 Sub bids due						407-525-9940				702-808-3436								
rgh Bid recording sheet prepared by						Eric Lasso				Federico Faine								
						Orlando, FL				Pompano Beach, FL								
						elasso@tsi-fl.com				ffaine@contilnc.com								
GMP 5-S.7, 10.1.0 Overhead Roadway Signage																		
Scope Adjusted Total for Bid Package		Turner Estimate Total \$2,348,840				Adjusted Bid \$2,042,000				Adjusted Bid \$3,232,860								
Drawing Spec Reference	Basis in Quote	Quantity	Unit	Unit Price	Total	Incl	Qty	Unit	Hours	\$2,042,000		Incl	Qty	Unit	Hours	\$3,232,860		
										Source						Source		
A. Declarations																		
	TKJV Subcontract Form	Y				Y						Y						
	TKJV Bid Package Specific Scope of Work	Y				Y						Y						
	TKJV Project Manual	Y				Y						Y						
	TKJV Project Schedule	Y				Y						Y						
	TKJV Site Logistics Plan	Y				Y						Y						
	TKJV Bid Package Plans and Specifications	Y				Y						Y						
	TKJV Safety Manual	Y				Y						Y						
	TKJV CCP Manual	Y				Y						Y						
	TKJV BIM Requirements	Y				Y						Y						
	Excludes WC & GL & Excess Liability Insurance for all on-site labor	Y				Y						Y						
	Information Letters 1 to 7	Y				Y						N					1 to 5 only	
B. General Items																		
	Bond Rate	Y				Y					1.00%	TSI	Y				3.00%	Cont
	Unburdened Payroll	Y				Y					\$65,000	TSI	Y				\$700,300	Cont
	Total labor hours included	Y				Y					3,380	TSI	N				not provided	NSC
	EMR 2021	Y				Y					1.00	TSI	Y				0.80	Cont
	EMR 2020	Y				Y					1.00	TSI	Y				0.80	Cont
	EMR 2019	Y				Y					1.00	TSI	Y				0.85	Cont
C. Lump Sum Base Bid Price																		
	New Structures Only (Signage included below)	Y	5	ea	\$219,400	\$1,097,000	Y	5	ea	100	\$1,286,000	TSI	Y				\$1,373,935	Cont
	New, Replaced and Overlay Sign Panels on Existing and New Structures	Y	84	ea	\$10,123	\$850,340	Y	86	ea	100	\$556,000	TSI	Y				\$982,237	Cont
	Guardrail Installation	Y				Included	Y	175	l	100	\$35,000	TSI	Y				\$25,803	Cont
	Landscape restoration	Y				Included	Y	1	m	180	\$15,000	TSI	Y				\$164,715	Cont
	MOT	Y	1	tz	\$401,500	\$401,500	Y	1	h	400	\$100,000	TSI	Y				\$250,907	Cont
	General Conditions	Y				Included	Y				Included	TSI	Y				\$354,972	Cont
	2nd shift premium	Y				Included if required	Y				Included if required	TSI	Y				Included if required	Cont
	Mockups	Y					Y	1	h	80	\$15,000	TSI	Y				\$3,831	Cont
	Blasting from Parking, if needed	N				not required	N				not required	TSI	N				not required	Cont
	Engineering / Submittals / Shop Drawings / As-Builts	Y				Included	Y	1	h	80	\$25,000	TSI	Y				\$33,951	Cont
	Composite Cleanup	Y				Included	Y	1	m	80	\$10,000	TSI	Y				\$42,789	Cont
D. MWBE & LDB Participation																		
	OBE - value	Y					Y				\$734,830	TSI	Y				\$810,273	Cont
	Percent - 15%	Y					Y				35.45%	TSI	Y				15.00%	Cont
Type "YES" in Yellow box. If Scope Sheet is Complete																		
YES																		
YES																		
Subcontractor Total for Bid Package					\$2,348,840						\$2,042,000						\$3,232,860	
Bid Alternates																		
	Description																	
	Exhibit R Electrical Alternate OT-050 and OT-053	Y					Y				\$42,000	TSI	Y				\$192,932	Cont

Bid Package LSC: Overhead Roadway Signage

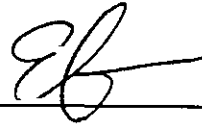


BIDDER INFORMATION	
Subcontractor:	Transportation Systems Inc.
Address:	8243 Narcoossee Park Dr. Unit # 408
City/State/Zip:	Orlando/ FL/ 32822
Contact:	Eric Lesso
Phone:	(470) 525-9940
E-Mail:	
License # (s)	EC13007379

GOAA Project: BP-S00182

GMP: 5-5.7

Bid Package: 10.1.0

Authorized Signature: 

Date: 2/8/2021

LUMP SUM BASE BID PRICING - BULLETIN 29 SUPPLEMENTAL DESIGN					
Lump Sum Bid items are for comparison and accounting purposes only					
LS Bid Item #	Description	Quantity	Units	Labor-hours	Total
LS Bid Item #1	New Structures Only (Signage Included in LS Item #2)	5	EA	1000	\$ 1,286,000.00
LS Bid Item #2	New, Relocated, and Overlay Sign Panels on Existing and New Structures	85	EA	1400	\$ 556,000.00
LS Bid Item #3	Guardrail Installation	175	LF	160	\$ 35,000.00
LS Bid Item #4	Landscape restoration	1	LS	160	\$ 15,000.00
LS Bid Item #5	MOT	1	LS	400	\$ 100,000.00
LS Bid Item #6	General Conditions (Please specify items included in space below)	1	LS	0	\$ -
LS Bid Item #7	2nd Shift Premium	1	LS	0	\$ -
LS Bid Item #8	Mock-Ups - Refer to Supplemental Design Intent pg D1.01 - Provide physical mock up of signs 204 & 208 for approval prior to fabrication (scaled down to 2' tall by XXX wide)	1	LS	80	\$ 15,000.00
LS Bid Item #9	Busing (from parking) - If needed	1	LS	0	\$ -
LS Bid Item #10	Engineering / Submittals / Shop Drawings / As-Builts	1	LS	80	\$ 25,000.00
LS Bid Item #11	Composite Cleanup	1	LS	80	\$ 10,000.00
TOTAL LABOR HOURS				3360	
TOTAL Lump Sum BASE BID (Excluding Bonds, On-Site workers Comp & GL Insurance)					\$ 2,042,000.00

The basis of award will be determined by the responsiveness to the bid solicitation including Total price and MWBE/LDB participation
Insert the EMR of the company that will be signing the bid proposal and executing the subcontract agreement:

Experience Modifier Rate (EMR):			
2021	2020	2019	
1.00	1.00	1.00	

Additional Information Required

Bond Rate - P&P Bonds Required - Not Reimbursable by TK or GOAA
 Estimated unburdened payroll including sub-sub contractors
 Current Backlog - work under contract not completed
 Current Staff on payroll
 Direct Field Supervision
 Tradespeople
 Attach Backlog List
 Attach Estimated Workforce Schedule

1%	%
\$ 65,000.00	\$
\$ 7,171,000.00	\$
27.00	ea
5.00	ea
6.00	ea
ATTACHED	(attach)
ATTACHED	(attach)

Alternates

The following alternate prices are inclusive of all labor, equipment, materials, clean-up, applicable taxes, benefits, warranties, overhead, profit and all costs necessary to purchase, deliver, receive, handle, hoist, store, distribute and install the work listed below subject to approval by GOAA.

Alternate Bid Items	Quantity	Units	Labor-hours	Total
LS Bid Item #1	1	LS	140	\$ 42,000
LS Bid Item #2				\$ -
LS Bid Item #3				\$ -
LS Bid Item #4				\$ -
TOTAL LABOR HOURS			140	
TOTAL ADD to BASE BID (Excluding Bonds, On-Site workers Comp & GL Insurance)				\$ 42,000

Unit Price List

The Unit Price List must be completed in its entirety as it relates to your bid package scope of work and submitted with this Bid Proposal Form. Unit prices are inclusive of all labor, equipment, materials, taxes, benefits, overhead, profit, and all costs necessary to purchase, deliver, handle, hoist, store, distribute and install the work listed below. Unit Prices are subject to Owner Approval.

Item #	Description	Unit	Unit Price
1	UNITS SHEET ATTACHED	1	(Add or Deduct)
2			(Add or Deduct)

Hourly and Equipment Rates

Provide Hourly Rates Price List as it relates to your bid package scope of work and submitted with this Bid Proposal Form. Note the requirements of the rates per the CM@R Agreement Article 10. Rates are subject to the Owner's approval. Overhead and profit shall be determined based on the terms and conditions of the agreement.

Item #	Trade Classification	Base Rate	Burden (NTE 42%)	Total Rate	
1	LABOR RATE SHEET ATTACHED				
2					
Item #	Equipment Description	Hourly	Daily	Weekly	Monthly
1	EQUIPMENT RATE SHEET ATTACHED				
2					



Bid Package LSC: Overhead Roadway Signage

BIDDER INFORMATION

Subcontractor: Transportation Systems Inc.

GOAA Project: BP-S00182

GMP: 5-S.7

Bid Package: 10.1.0

DECLARATIONS

Bidder must initial and fully accept the following:

		Initials
TKJV Subcontract Form		eu
TKJV Bid Package Specific Scope of Work		eu
TKJV Project Manual		eu
TKJV Project Schedule		eu
TKJV Site Logistics Plan		eu
TKJV Bid Package Plans and Specifications		eu
TKJV Safety Manual		eu
TKJV CCIP Manual		eu
TKJV BIM Requirements		eu
Excludes Workers Comp & General Liability & Excess Liability Insurance for all on-site labor		eu
Information Letter 001	Date 12/30/20	eu
Information Letter 002	Date 1/8/2021	eu
Information Letter 003	Date 1/12/2021	eu
Information Letter 004	Date 1/19/2021	eu
Information Letter 005	Date 1/26/2021	eu
Information Letter 006	Date 1/28/21	eu
Letter # 7	2/2/21	eu

1. As part of the competitive bid process, bidder understands that any exclusions or modifications to the scope, project manual, or Subcontract Form may be cause for rejection of the bid. We will not entertain changes to any document that does not conform to the bidding requirements.
2. Base bid must include all labor, material and equipment required to meet the Proposed Project Schedule. Bidder must provide a detailed Project Schedule in accordance with the requirements. Per Turner Form 36 contract, subcontractor is to provide a man loaded and cost loaded schedule. The man loaded schedule is to be provided and reviewed during the post bid interview and approved prior to subcontractor award.
3. By submitting this Bid Form the bidder acknowledges that this bid is to remain valid for **180** days.
4. The Bidder warrants that it has reviewed in detail with its insurance carrier the insurance requirements set forth in the General Conditions of the Contract for Construction, as amended by the Special Contract Conditions and the Special Conditions to Subcontractor.
5. Bidder Acknowledges receipt of the following Addenda (if none received, state "none received")

Bidder has reviewed all the bidding documents and conditions affecting the bid package and if proposal is accepted will, unless noted otherwise, execute a Standard Subcontract (or Purchase Order) without modification against the entire set of bidding documents. Subcontractor has contacted the appropriate insurance and bonding companies and is prepared to provide any required insurance and bonds in strict conformance with the requirements of the project. Bidder acknowledges that unless not accepted into the program, the project will be conducted under a CCIP which will provide on-site related Workers Comp and General Liability Insurance, and is providing accurate information as to insurance rates and on-site unburdened labor values. The bid includes any specialty permits and fees associated with the Work. Subcontractor has included all sales/use taxes on temp use materials and where required on all materials.

MWBE / LDB PARTICIPATION

Maximizing the utilization of state, local, small, and disadvantaged businesses is a priority on this project. Bidder shall provide their plan to meet MWBE / LDB requirements. Please describe the bidder's plan to obtain the required minimum participation percentage which is shown in the Scope of Work. Bidder's plan shall include (1) companies name, (2) companies classifications and certifications, (3) percentages of work and (4) values of work. If needed provide a separate plan as an attachment to the bid.

Indicate category of disadvantaged company, what they provide, company name and amount of money that will be contracted in each of the listed areas.

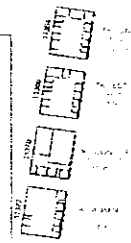
Bidders are advised that in the instances where they are bidding as a prime subcontractor, second-tier non-status subcontractor work will not be counted toward the participation percentage.

If Bidder fails to meet the participation goals, the bidder must submit evidence of good faith efforts in accordance with GOAA Policy and Procedures.

Small and Disadvantaged Business Commitment and Sources			Total Value \$	Commitment Goals Minimum 15% DBE is REQUIRED for this Package			
Certifying Agency	Type of Work or Material	Company		MWBE %	LDB %	DBE %	VBE %
FDOT/ GOAA	Sign Structures	Torres Electrical Supply Company, inc.	\$ 274,800			13.45%	
FDOT	F&I SIGNS/ OVERLAYS	AC SIGNS	\$ 450,000			22.00%	
Totals:			\$ 724,800			35.45%	



Shady Acres
Temporary and Permanent Locations





Bid Package LSC: Overhead Roadway Signage

BIDDER INFORMATION

Subcontractor: CONTI LLC
 Address: 2001 N. ANDREWS AVE
 City/State/Zip: POMPAHO BEACH, FL. 33069
 Contact: FEDERICO FAINA
 Phone: 702-808-3436
 E-Mail: ffaina@ionelectrical.com
 License # (s): EC13005005

GOAA Project: BP-S00182

GMP: 5-5.7

Bid Package: 10.1.0

Authorized Signature: Federico Faina

Date: 01/28/2021

LUMP SUM BASE BID PRICING - BULLETIN 29 SUPPLEMENTAL DESIGN				
Lump Sum Bid Items are for comparison and accounting purposes only				
LS Bid Item #	Description	Quantity	Units	Total
LS Bid Item #1	New Structures Only (Signage Included in LS Item #2)		EA	\$ 1,333,935.11
LS Bid Item #2	New, Relocated, and Overlay Sign Panels on Existing and New Structures		EA	\$ 982,826.55
LS Bid Item #3	Guardrail Installation		LF	\$ 25,803.32
LS Bid Item #4	Landscape restoration		LS	\$ 10,529,109.94
LS Bid Item #5	MOT		LS	\$ 250,100.99
LS Bid Item #6	General Conditions (Please specify items included in space below)		LS	\$ 354,471.43
LS Bid Item #7	2nd Shift Premium		LS	\$ 0.00
LS Bid Item #8	Mock-Ups - Refer to Supplemental Design Intent pg 01.01 - Provide physical mock up of signs 204 & 208 for approval prior to fabrication (scaled down to 2' tall by XXX wide)		LS	\$ 3831.24
LS Bid Item #9	Busing (from parking) - if needed		LS	\$ 0.00
LS Bid Item #10	Engineering / Submittals / Shop Drawings / As-Builts		LS	\$ 33,850.74
LS Bid Item #11	Composite Cleanup		LS	\$ 4,289.17
TOTAL LABOR HOURS				0

TOTAL Lump Sum BASE BID (Excluding Bonds, On-Site workers Comp & GL Insurance) \$ 3,232,459.56

The basis of award will be determined by the responsiveness to the bid solicitation including Total price and MWBE/LDB participation. Insert the EMR of the company that will be signing the bid proposal and executing the subcontract agreement:

Experience Modifier Rate (EMR):

<u>0.90</u>	<u>0.80</u>	<u>0.85</u>
2021	2020	2019

Additional Information Required

Bond Rate - P&P Bonds Required - Not Reimbursable by TK or GOAA	<u>1.03</u> %
Estimated unburdened payroll including sub-sub contractors	<u>700,000</u> \$
Current Backlog - work under contract not completed	<u>50,000,000</u> \$
Current Staff on payroll	<u>120</u> ea
Direct Field Supervision	<u>10</u> ea
Tradespeople	<u>100</u> ea
Attach Backlog List	(attach)
Attach Estimated Workforce Schedule	(attach)

Alternates

The following alternate prices are inclusive of all labor, equipment, materials, clean-up, applicable taxes, benefits, warranties, overhead, profit and all costs necessary to purchase, deliver, receive, handle, hoist, store, distribute and install the work listed below subject to approval by GOAA.

Alternate Bid Items	Quantity	Units	Labor-hours	Total
LS Bid Item #1	Exhibit A - Electrical Alternate - OT-050 and JT-059	1	LS	\$ 1,333,935.11
LS Bid Item #2				\$ -
LS Bid Item #3				\$ -
LS Bid Item #4				\$ -
TOTAL LABOR HOURS				-

TOTAL ADD to BASE BID (Excluding Bonds, On-Site workers Comp & GL Insurance) \$ 1,333,935.11

Unit Price List

The Unit Price List must be completed in its entirety as it relates to your bid package scope of work and submitted with this Bid Proposal Form. Unit prices are inclusive of all labor, equipment, materials, taxes, benefits, overhead, profit, and all costs necessary to purchase, deliver, handle, hoist, store, distribute and install the Work listed below. Unit Prices are subject to Owner Approval.

Item #	Description	Unit	Unit Price
1		(Add or Deduct)	
2		(Add or Deduct)	

Hourly and Equipment Rates

Provide Hourly Rates Price List as it relates to your bid package scope of work and submitted with this Bid Proposal Form. Note the requirements of the rates per the CM@R Agreement Article 10. Rates are subject to the Owner's approval. Overhead and profit shall be determined based on the terms and conditions of the agreement.

Item #	Trade Classification	Base Rate	Burden (NTE 42%)	Total Rate
1				
2				

Item #	Equipment Description	Hourly	Daily	Weekly	Monthly

Bid Package LSC: Overhead Roadway Signage

Amendment Date 02/19/2021



BIDDER INFORMATION	
Subcontractor:	CONTI LLC
	1
	2

GOAA Project: BP-S00182

GMP: 5-S.7

Bid Package: 10.1.0

DECLARATIONS

Bidder must initial and fully accept the following:

- TKJV Subcontract Form
- TKJV Bid Package Specific Scope of Work
- TKJV Project Manual
- TKJV Project Schedule
- TKJV Site Logistics Plan
- TKJV Bid Package Plans and Specifications
- TKJV Safety Manual
- TKJV CCIP Manual
- TKJV BIM Requirements
- Excludes Workers Comp & General Liability & Excess Liability Insurance for all on-site labor
- Information Letter 001
- Information Letter 002
- Information Letter 003
- Information Letter 004
- Information Letter 005
- Information Letter 006

Initials	Date
[Signature]	12/30/20
[Signature]	1/8/21
[Signature]	1/12/21
[Signature]	1/19/21
[Signature]	1/26/21

1. As part of the competitive bid process, bidder understands that any exclusions or modifications to the scope, project manual, or Subcontract Form may be cause for rejection of the bid. We will not entertain changes to any document that does not conform to the bidding requirements.
2. Base bid must include all labor, material and equipment required to meet the Proposed Project Schedule. Bidder must provide a detailed Project Schedule in accordance with the requirements. Per Turner Form 36 contract, subcontractor is to provide a man loaded and cost loaded schedule. The man loaded schedule is to be provided and reviewed during the post bid interview and approved prior to subcontractor award.
3. By submitting this Bid Form the bidder acknowledges that this bid is to remain valid for **180** days.
4. The Bidder warrants that it has reviewed in detail with its insurance carrier the insurance requirements set forth in the General Conditions of the Contract for Construction, as amended by the Special Contract Conditions and the Special Conditions to Subcontractor.
5. Bidder Acknowledges receipt of the following Addenda (if none received, state "none received")

Bidder has reviewed all the bidding documents and conditions affecting the bid package and if proposal is accepted will, unless noted otherwise, execute a Standard Subcontract (or Purchase Order) without modification against the entire set of bidding documents. Subcontractor has contacted the appropriate insurance and bonding companies and is prepared to provide any required insurance and bonds in strict conformance with the requirements of the project. Bidder acknowledges that unless not accepted into the program, the project will be conducted under a CCIP which will provide on-site related Workers Comp and General Liability Insurance, and is providing accurate information as to insurance rates and on-site unburdened labor values. The bid includes any specialty permits and fees associated with the Work. Subcontractor has included all sales/use taxes on temp use materials and where required on all materials.

MWBE / LDB PARTICIPATION

Maximizing the utilization of state, local, small, and disadvantaged businesses is a priority on this project. Bidder shall provide their plan to meet MWBE / LDB requirements. Please describe the bidder's plan to obtain the required minimum participation percentage *which is shown in the Scope of Work*. Bidder's plan shall include (1) companies name, (2) companies classifications and certifications, (3) percentages of work and (4) values of work. If needed provide a separate plan as an attachment to the bid.

Indicate category of disadvantaged company, what they provide, company name and amount of money that will be contracted in each of the listed areas. Bidders are advised that in the instances where they are bidding as a prime subcontractor, second-tier non-status subcontractor work will not be counted toward the participation percentage.

If Bidder fails to meet the participation goals, the bidder must submit evidence of good faith efforts in accordance with GOAA Policy and Procedures.

Small and Disadvantaged Business Commitment and Sources			Total Value \$	Commitment Goals			
Certifying Agency	Type of Work or Material	Company		Minimum 15% DBE is REQUIRED for this Package			
				MWBE %	LDB %	DBE %	VBE %
FDOT/ORL	SIGN MATERIAL	KATCO INDUSTRIES	\$810,213.00			15%	
Totals:			\$				



Shady Acres
Temporary and Permanent Locations



Turner – Kiewit Joint Venture
Orlando International Airport
South Terminal C
11082 Canal Rd
Orlando, Florida 32827

Torie Brooks
GOAA
11064 Canal Road
Orlando, FL 32827

Subject: Subcontractor Award Recommendation
GMP 5-S.7 Overhead Roadway Signage – Drilled Shaft Testing & Inspection

Ms. Brooks:

In accordance with our Agreement, Turner/Kiewit recommends Tierra Inc be awarded a subcontract change order for the Drilled Shaft Slurry and Concrete Testing associated with the foundations for the Overhead Roadway Signage work for the South Terminal Complex.

TK met with Tierra to confirm their scope, price and small business participation and found Tierra had the correct scope of work in their proposal and the amount was fair and reasonable.

Overhead Roadway Signage – Drilled Shaft Testing & Inspection

Subcontractor Name:	Tierra Inc.
Subcontractor Bid Amount:	\$16,698
Committed DBE Percentage:	100%

Should there be any questions or comments regarding this recommendation, please don't hesitate to contact the undersigned.

Sincerely,

Jeff Justen
Program Manager

CC:
File Folder: GMP 5-S.7

TIERRA

February 18, 2021

Turney-Kiewit JV
11068 Canal Road
Orlando, FL 32827

Attention: Herbert White III (Herbert.whiteIII@kiewit.com)

Subject: Change Order for Drilled Shaft Slurry & Concrete Testing
OIA Landslide Terminal - TK
Tierra Project No. 5111-18-084

Dear Mr. White:

Tierra, Inc. is pleased to provide the following change order request to perform Drilled Shaft Slurry and Concrete Testing for ten drilled shafts to be installed at OIA Landslide Terminal - TK. Prices provided are from the STC Ph. 1 Approve Program – Wide Rate (2018) Version. The following is the estimate of the costs associated with the installation:


Description	Quantity	Price	Total
CTQP Drilled Shaft Inspector (per hour)(slurry only) Estimate 10 days at 12 hours per day	120	\$82.00	\$9,840.00
CTQP Concrete Testing Inspector (per hour) Estimate 8 hours per shift per day	80	\$53.00	\$4,240.00
Compressive Strength Cylinders (per cylinder)	53	\$17.14	\$908.42
Project Manager	10	\$120.00	\$1,200.00
Clerical Administrative	10	\$51.00	\$510.00
Change Order Total			\$16,698.42

Tierra appreciates this opportunity to offer our services for this project. This estimate is based on the anticipated construction instability schedule. However, Tierra will only bill for the actual time expended and laboratory testing performed.

Should you have any questions in regards to this change order, please do not hesitate to contact this office.

Respectfully Submitted,
TIERRA, INC.


Eric Clerk
Project Manager


Jeffrey Begovich, P.E.
Vice President



S E C T I O N 1 5

**Subcontractor Licensing
Information**

**GMP 5-S.7
BP-S00192
Overhead Roadway Signage**

GMP 5-S.7 – Overhead Roadway Signage
BP-S00192
SUBCONTRACTOR LICENSING

The license for Transportation System Inc is included in this Section.

Ron DeSantis, Governor

Amendment Date 02/19/2021
Halsey Beshears, Secretary

**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ELECTRICAL CONTRACTORS LICENSING BOARD**

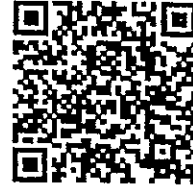
LICENSE NUMBER: EC13007379

EXPIRATION DATE: AUGUST 31, 2022

THE ELECTRICAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

Additional Business Qualification

SMITH, BENJAMIN EDWARD
TRANSPORTATION SYSTEMS INC.
8243 NARCOOSSEE PARK DR UNIT 408
ORLANDO FL 32822



ISSUED: 09/09/2020

Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.



S E C T I O N 1 6

**List of All MWBE/LDB
Subcontractors and
Associated Dollar Amounts**

**GMP 5-S.7
BP-S00192
Overhead Roadway Signage**

GMP 5-S.7 – Overhead Roadway Signage
BP-S00192
MWBE/LDB Participations

The small business participation goal for this GMP is 15% DBE participation.

The Construction Management Goals for this project are 20% MWBE participation and 3% LDB participation. There is 33.3% LDB Construction Management participation in TKJV CMAR Staff and Benefits associated with this GMP.

The chart contained in this section reflects minimum commitments from the anticipated subcontractor award.

The goal for the Bid Packages are shown in the chart contained in this section.

Section 17 of this GMP includes copies of the LOI's for the sub-subcontractors.



GOAA STC PHASE 1
 GMP 5-S.7 Overhead Roadway Signage
 BP-S00192

Minority Participation

Package			Apparent Low Responsive Bidder	Award Value	Participation											
Number	Description	DBE Target			Name	Type	Amount	%	Name	Type	Amount	%	Name	Type	Amount	%
10.1.0	Roadway Overhead Signage	15.00%	Transportation Systems Inc	\$ 2,084,000	Torres Electrical Supply Company Inc	DBE	\$ 274,800	13.19%	AC Signs	DBE	\$ 450,000	21.59%				
-	Testing and Inspection		Tierra Inc	\$ 16,698	Tierra Inc	DBE	\$ 16,698	100.00%								
GCs	General Conditions		TKJV	\$ 208,650	PSA	LDB	\$ 47,859	22.94%								

Summary Bid Work			
Type	Amount	Percent	
MWBE	\$ -	0.00%	
DBE	\$ 741,498	24.18%	
LDB	\$ 47,859	1.56%	
SDVOBE	\$ -	0.00%	
TOTAL	\$ 789,357	25.74%	

Total Proposed GMP \$3,066,530



S E C T I O N 17

**Copies of All MWBE/LDB
Certificates**

**GMP 5-S.7
BP-S00192
Overhead Roadway Signage**

GMP 5-S.7 – Overhead Roadway Signage
BP-S00192
DBE/LDB CERTIFICATES

The proposed DBE/LDB subcontractors are identified in Section 16. The certification information for the proposed DBE/LDB subcontractors is included in this section.

LDB Certification has been previously submitted for PSA.

LETTER OF INTENT
Disadvantaged Business Enterprise
(This page shall be submitted for each DBE firm)

Bidder/Offer Name: Transportation Systems Inc.
 Address: 8243 Narcoossee Park Dr. Unit # 408
 City: Orlando State: FL Zip: 32822

DBE Firm: Name: Torres Electrical Supply Co. Inc
 Address: 3190 S.E. Dominica Terrace
 City: Stuart State: FL Zip: 34997

DBE Contact Person: Name: Oscar Torres Phone: () (772) 286-5049

DBE Certification Agency: GOAA/ FDOT Expiration Date: 8/25/2021

Each Firm shall submit evidence (such as photocopy) of their certification status

Classification: Prime Contractor Subcontractor Joint Venture
 Manufacturer Supplier

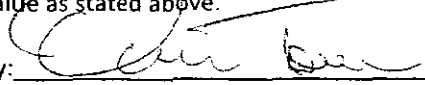
Work items to be performed by DBE	Description	Quantity	Total
Material Supply	Sign Structures	5	\$458,000.00 x 60% =
			\$274,800.00

The bidder/offeror is committed to utilizing the above named DBE firm for the work described above. The estimated participation is as follows:

DBE Contract: \$ 274,800.00 Percent of Total Bid: 13.45 %

Affirmation

The above-named DBE firm affirms that it will perform the portion of the contract for the estimated dollar value as stated above.

By:  President/ Owner
 (DBE Owner Signature) (Title)

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent Affirmation shall be null and void.

LETTER OF INTENT
Disadvantaged Business Enterprise
(This page shall be submitted for each DBE firm)

Bidder/Offer Name: Transportation Systems Inc.
 Address: 8243 Narcoossee Park Dr. Unit # 408
 City: Orlando State: FL Zip: 32822

DBE Firm: Name: AC Signs LLC
 Address: 11100 Astronaut Blvd
 City: Orlando State: FL Zip: 32837

DBE Contact Person: Name: Cristian Parra Phone: () (407) 456-4877

DBE Certification Agency: GOAA Expiration Date: 5/22/2021

Each Firm shall submit evidence (such as photocopy) of their certification status

Classification: Prime Contractor Subcontractor Joint Venture
 Manufacturer Supplier

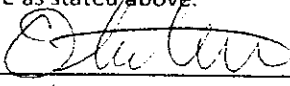
Work items to be performed by DBE	Description	Quantity	Total
Signage	F&I of Roadway Signs	LS	\$450,000.00

The bidder/offeror is committed to utilizing the above named DBE firm for the work described above. The estimated participation is as follows:

DBE Contract: \$ 450,000.00 Percent of Total Bid: 22.00 %

Affirmation

The above-named DBE firm affirms that it will perform the portion of the contract for the estimated dollar value as stated above.

By:  MGRM
 (DBE Owner Signature) (Title)

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent Affirmation shall be null and void.

**UTILIZATION STATEMENT
Disadvantaged Business Enterprise**

The undersigned bidder/offeror has satisfied the requirements of the bid specification in the following manner. (Please check the appropriate box.)

The bidder/offeror is committed to a minimum of 15 % DBE utilization on this contract.

The bidder/offeror, while unable to meet the DBE goal of _____%, hereby commits to a minimum of _____% DBE utilization on this contract and also submits documentation, as an attachment demonstrating good faith efforts (GFE).

The undersigned hereby further assures that the information included herein is true and correct, and that the DBE firm(s) listed herein have agreed to perform a commercially useful function in the work items noted for each firm. The undersigned further understands that no changes to this statement may be made without prior approval from the Office of Small Business Development.

Transportation Systems Inc.

 Bidders/Offeror's Firm Name

 Signature

1/28/2021

 Date

DISADVANTAGED BUSINESS ENTERPRISE UTILIZATION SUMMARY

	<u>Bid Amount</u>	<u>DBE Amount</u>	<u>Contract Percentage</u>
DBE Prime Contractor	\$ _____	\$ _____	_____ %
DBE Prime Subcontractor	\$ 450,000.00	\$ 450,000.00	22.0 22.0 %
DBE Supplier	\$ 458,000.00 x 0.60=	\$ 274,800.00	12.8 13.45 %
DBE Manufacturer	\$ _____	\$ _____	_____ %
Total Amount DBE		\$ 724,800.00	35.45 35.45 %
DBE Goal		\$ _____	_____ %

*If the total proposed DBE participation is less than the established DBE goal, you must provide written documentation of the good faith efforts as required by GOAA Policy 1200.01.



GREATER ORLANDO AVIATION AUTHORITY

Florida Unified Certification Program

Disadvantaged Business Enterprise (DBE)

Certificate of Eligibility

TORRES ELECTRICAL SUPPLY CO INC

MEETS THE REQUIREMENTS OF 49 CFR, PART 26

APPROVED NAICS CODES:

423610

8/25/15
DATE:


VICTORIA V. SMITH, DBE Certification Manager - Florida Department of Transportation



JACKSONVILLE TRANSPORTATION AUTHORITY



TALLAHASSEE:



Subject: No Change Declaration Acknowledgement

Amendment Date 02/19/2021

Thu, Aug 6, 2020, 10:14 AM



DBECert.Help@dot.state.fl.us <DBECert.Help@dot.state.fl.us>
to Oscar L Torres

Email From: DBECert.Help@dot.state.fl.us (DBECert.Help@dot.state.fl.us)

Message:

We have processed your No Change Declaration (NCD), as applicable. Your Anniversary Date is 8/25/2021

Sincerely,
Equal Opportunity Office
DBE Certification

Orlando International Airport
5850 B Cargo Road
Orlando, Florida 32827-4399
Phone: (407) 825-7133
Fax: (407) 825-3004

July 13, 2020

Mr. Alvaro Chica
AC Signs, LLC DBA Decamil
11100 Astronaut Blvd.
Suite 100
Orlando, FL 32837

**Disadvantaged Business Enterprise (DBE) Certification
Anniversary Date: May 22, 2021**

Dear Mr. Chica:

The Small Business Development Department of the Greater Orlando Aviation Authority (Authority) has reviewed the **No Change Declaration (NCD)** along with the supporting documentation, submitted on behalf of **AC Signs, LLC DBA Decamil** to determine whether the entity continues to meet the **Disadvantaged Business Enterprise (DBE)** eligibility requirements of **49 CFR, PART 26**. I am pleased to inform you that your firm remains eligible for **DBE** certification in accordance with **49 CFR, Part 26**.

Your firm has been certified under the North American Industry Classification System (NAICS) Codes listed on page 2 of this letter.

Your firm will be listed in **Florida's Unified Certification Program (UCP) DBE Directory** which can be accessed via the Florida Department of Transportation's (FDOT) website at <https://fdotxwp02.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory>. As long as the firm is listed as a **DBE** in Florida's UCP DBE Directory, it is considered **DBE** Certified by all Members of the Florida JCP.

DBE certification is NOT a guarantee of work, but enables the firm to compete for, and perform, contract work on all USDOT Federal Aid (FAA, FTA, and FHWA) projects in Florida as a **DBE** contractor, sub-contractor, consultant, and sub-consultant or material supplier.

DBE certification is continuing from the date of this letter. However, it is contingent upon the firm renewing its eligibility annually. Your current Anniversary Date is **May 22, 2021**. For continued eligibility, a **No Change Declaration (NCD)** form must be submitted to our office annually. While we will make every attempt to notify you prior to the anniversary date of your certification, it is ultimately your responsibility to provide a NCD to our office. You may complete your NCD online at <https://goaa.diversitycompliance.com>. To help facilitate the processing of your NCD prior to your anniversary date, **please submit your NCD and all required documentation ninety (90) days in advance of your anniversary date**. Failure to timely submit your annual NCD may result in the removal of your firm as a **DBE**.

If there is a material change in the firm, including, but not limited to: ownership, officers, directors, scope of work being performed, daily operations, affiliations with other businesses or individuals or physical location of the firm, you must promptly notify this office in writing. Notification should include supporting documentation.

July 13, 2020

Amendment Date 02/19/2021

Alvaro Chica
AC Signs, LLC DBA Decamil

AC Signs, LLC DBA Decamil is Disadvantaged Business Enterprise (DBE) Certified by the Greater Orlando Aviation Authority under the following NAICS Commodity Codes/Area(s) of Specialty:

NAICS 238990: ALL OTHER SPECIALTY TRADE CONTRACTORS

NAICS 339950: SIGN MANUFACTURING

NAICS 541430: GRAPHIC DESIGN SERVICES

Congratulations on your certification. Your anniversary date is **May 22, 2021**. Please contact our office at 407-825-7133 or certifications@goaa.org if you have any questions or if we can be of any assistance.

Sincerely,

George I. Morning
Director, Small Business Development Department

Florida UCP DBE Directory

Amendment Date 02/19/2021

Number of Records Returned: 1

Selection Criteria:

Vendor : TIERRA SOUTH FLORIDA INC

Vendor Name: TIERRA SOUTH FLORIDA INC

DBE Certification: CERTIFIED

MBE Certification: Certified

DBA:

Former Name:

Business Description: GEOTECHNICAL ENGINEERING CONSTRUCTION MATERIAL TESTING THRESHOLD/SPECIAL

Mailing Address: 2765 VISTA PARKWAY SUITE 10
WEST PALM BEACH, FL 33411-

Contact Name: RAJ KRISHNASAMY

Phone: (561) 687-8536

Fax: (561) 687-8570

Email: RAJ@TIERRASF.COM

ACDBE Status: N

Statewide Availability: Y

Certified NAICS

541330 Engineering Services

541380 Testing Laboratories



S E C T I O N 1 8

**Additional
Information**

**GMP 5-S.7
BP-S00192
Overhead Roadway Signage**

GMP 5-S.7 – Overhead Roadway Signage
BP-S00192
ADDITIONAL INFORMATION

The following additional information is included in this GMP.

BP10.1.0 – Overhead Roadway Signage Preconstruction RFIs and Responses	4 pages	1/8/2021
Information Letter 005	1 page	January 26, 2021

GMP 5S.7
 Landside Terminal – Civil
 Overhead Roadway Signage
 Preconstruction RFIs and Responses
 1/8/2021

BP 10.1.0 - Overhead Roadway Signage
Preconstruction RFIs and Responses
1/8/2021

RESPONSES in RED

Contract Documents ---

- Responsibility and specifications
 - Missing 26 05 20 Copper Ground –Reference to 26 05 20 will be removed - D Crane 1.5.21
 - Missing 26 05 72 Ground Rod –Reference to 26 05 72 will be removed
 - Reference FDOT 620 Grounding and grounding details shown on C42.6.02 (FDOT 2017 Specifications link
<https://www.fdot.gov/programmanagement/implemented/specbooks/january2017/january2017bk.shtm> - D Crane 1.5.2

Specifications ---

- Paint and finish FDOT reference to 11300 Steel OH Sign Structures & 11320 Span Sign Structure - link
<https://www.fdot.gov/roadway/ds/18/stds.shtm>) - D Crane 1.5.21
 - Structure - follow FDOT Std Index 11320 Span Sign Structure - D Crane 1.5.21
 - Sign panels - follow 2017 FDOT Std 700
<https://www.fdot.gov/programmanagement/implemented/specbooks/january2017/january2017bk.shtm> - D Crane 1.5.21
 - Patch panel material and gauge - Reference Aluminum 1/8" typ per FDOT Std 700 & 11300 & FDOT 994 overlays colored and colorless transparent overlays and vinyl, reference APL materials) - D Crane 1.5.21
 - Patch panel vinyl grade and gauge - Reference FDOT Standards 700 & 994 - 0.125" (1/8") for OH sign panels and patch panels - D. Crane 1.5.21

Locations ---

- Patch panels – are we matching current patch panels located on site for build intent (OT-016)
 Reference response to Specifications section above - D. Crane 1.5.21
- OC-011 & OC-014
 - Removed sign portion Remove sign luminaires, luminaire brackets, vertical brackets & turnover to GOAA Maintenance (per scope #22 pg 4of32). Existing welded hanger attachment is to remain unless conflicts with proposed new signs (if applicable). - D Crane 1.5.21
 - Are we to remove sign and attachments as depicted in image
 - Are we to remove sign and leave attachments in place as in the current state of OT-015
- OT-014
 - Removed sign portion Remove sign luminaires, luminaire brackets, vertical brackets & turnover to GOAA Maintenance (per scope #22 pg 4of32). Existing welded hanger attachment is to remain unless conflicts with proposed new signs (if applicable). - D Crane 1.5.21Are we to remove sign and attachments as depicted in image
 - Are we to remove sign and leave attachments in place as in the current state of OT-015

GMP 5S.7
 Landside Terminal – Civil
 Overhead Roadway Signage
 Preconstruction RFIs and Responses
 1/8/2021

- OT-027
 - Removed sign portion Remove sign luminaires, luminaire brackets, vertical brackets & turnover to GOAA Maintenance (per scope #22 pg 4of32). Existing welded hanger attachment is to remain unless conflicts with proposed new signs (if applicable). - D Crane 1.5.21
 - Are we to remove sign and attachments as depicted in image
 - Are we to remove sign and leave attachments in place as in the current state of OT-015
- OT-030
 - Removed sign portion Remove sign luminaires, luminaire brackets, vertical brackets & turnover to GOAA Maintenance (per scope #22 pg 4of32). Existing welded hanger attachment is to remain unless conflicts with proposed new signs (if applicable). - D Crane 1.5.21
 - Are we to remove sign and attachments as depicted in image
 - Are we to remove sign and leave attachments in place as in the current state of OT-015
- OT-031
 - Removed sign portion Remove sign luminaires, luminaire brackets, vertical brackets & turnover to GOAA Maintenance (per scope #22 pg 4of32). Existing welded hanger attachment is to remain unless conflicts with proposed new signs (if applicable). - D Crane 1.5.21
 - Are we to remove sign and attachments as depicted in image
 - Are we to remove sign and leave attachments in place as in the current state of OT-015
- OT-031.1
 - Removed sign portion Remove sign luminaires, luminaire brackets, vertical brackets & turnover to GOAA Maintenance (per scope #22 pg 4of32). Existing welded hanger attachment is to remain unless conflicts with proposed new signs (if applicable). - D Crane 1.5.21
 - Are we to remove sign and attachments as depicted in image
 - Are we to remove sign and leave attachments in place as in the current state of OT-015
- OT-031.2
 - Removed sign portion Remove sign luminaires, luminaire brackets, vertical brackets & turnover to GOAA Maintenance (per scope #22 pg 4of32). Existing welded hanger attachment is to remain unless conflicts with proposed new signs (if applicable). - D Crane 1.5.21
 - Are we to remove sign and attachments as depicted in image
 - Are we to remove sign and leave attachments in place as in the current state of OT-015
- OT-046
 - Removed sign portion Remove sign luminaires, luminaire brackets, vertical brackets & turnover to GOAA Maintenance (per scope #22 pg 4of32). Existing welded hanger attachment is to remain unless conflicts with proposed new signs (if applicable). - D Crane 1.5.21
 - Are we to remove sign and attachments as depicted in image
 - Are we to remove sign and leave attachments in place as in the current state of OT-015
- OT-047
 - Removed sign portion Remove sign luminaires, luminaire brackets, vertical brackets & turnover to GOAA Maintenance (per scope #22 pg 4of32). Existing welded hanger attachment is to remain unless conflicts with proposed new signs (if applicable). - D Crane 1.5.21
 - Are we to remove sign and attachments as depicted in image
 - Are we to remove sign and leave attachments in place as in the current state of OT-015

GMP 5S.7
 Landside Terminal – Civil
 Overhead Roadway Signage
 Preconstruction RFIs and Responses
 1/8/2021

- OT-048
 - Removed sign portion Remove sign luminaires, luminaire brackets, vertical brackets & turnover to GOAA Maintenance (per scope #22 pg 4of32). Existing welded hanger attachment is to remain unless conflicts with proposed new signs (if applicable). - D Crane 1.5.21
 - Are we to remove sign and attachments as depicted in image
 - Are we to remove sign and leave attachments in place as in the current state of OT-015
- OT-050
 - Responsibility for power to location - no power or lighting required - D Crane 1.5.21
- OT-020
 - Responsibility for power to location - no power or lighting required - D Crane 1.5.21
- OT-021
 - Responsibility for power to location - no power or lighting required - D Crane 1.5.21
- OT-022
 - Responsibility for power to location - no power or lighting required - D Crane 1.5.21
- OT-018
 - Responsibility for power to location - no power or lighting required - D Crane 1.5.21
- GM-001
 - Are there lights to be added to sign - no lighting required. Scope includes furnish and install of new sign panel, foundations and columns. FDOT reference to 11200 Multi-column ground sign - link <https://www.fdot.gov/roadway/ds/18/stds.shtml> - D Crane 1.5.21 If so the responsibility for power to location
- GM-002 - GM-002 not in scope - reference work excluded scope pg. 6of32) - D Crane 1.5.21
 - Are there lights to be added to sign NA
 - If so the responsibility for power to location NA

As I review the multitude of information, I see no bid form or bid quantities. **Will there be a bid document with quantities of work to be performed provided prior to the bid date? Yes, a bid form will be published but quantities will not be pre-populated - R Hudson 1.6.2021**

Also, I see Signage Plans which provide details much signing work including over 20 sign structures and numerous sign panels. As you suggested, I reviewed the supplemental information included in Information Letter 001. The Additional Information document depict a smaller scope of work which includes 5 sign structures: OT-18, OT-20, OT-21, OT-22 and OT-50. Also, included is GM-001. I did note all five structures are to be tri-chord trusses. The Supplemental information included GMP 5S.7 Roadway Signage VE Drawings. In addition to the structures identified above, these drawings detail the removal of existing sign panels, installation of new sign panels and the overlay of other sign panels on structures which are to remain. **I trust the work as depicted in the GMP 5S.7 Roadway Signage VE Drawings is the signage scope? Correct**

I note there is no sign structure data in the GMP 5S.7 Roadway Signage VE Drawings. **Are we to utilize the sign structure information on Signage plan sheet S80.0.03 for the tri-chord trusses? Yes and follow FDOT Design Standards eBook FY 2017-18, standard 11300**
<https://www.fdot.gov/roadway/ds/18/stds.shtml>

GMP 5S.7
Landside Terminal – Civil
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Also, is GM-002 included in the work? It is not mentioned in the Additional Information document, but is depicted in the GMP 5S.7 Roadway Signage VE Drawings. **No, GM-002 is included in GMP-5S2 contractor scope. GM-002 is not to be included in this scope - reference work excluded scope pg 6of32)**

Does the work for GM-001 and (possibly) GM-002 include only the removal and replacement of the sign panel or are we removing and replacing the entire sign assembly (to include concrete bases and beams)? GM-002 is not included in this bid scope. GM-001 is a new sign and structure to be provided under this 5s7 bid scope. Scope includes furnish and install of new sign panel, foundations and columns. Reference FDOT Standard index, 11200 Multi-column ground sign.
<https://www.fdot.gov/roadway/ds/18/stds.shtm>



Turner – Kiewit Joint
Venture
Orlando International Airport
South Terminal C
11364 Terminal C Service Road
Orlando, FL 32824

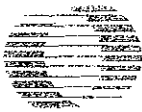
January 26, 2021

South Terminal Complex Phase 1
GMP 5S.7 - Roadway Overhead Signage

Information Letter 005

For Bid Package 10.1.0 – Signage, the following is incorporated per Information Letter 005:

1. **GUARDRAIL SCOPE CLARIFICATION:** The guardrail plan sheets are C9.3.02-C9.3.04. OT-050 is on C9.3.04 which is the only guardrail run still relevant and part of this scope.



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4399

MEMORANDUM

TO: Members of the Aviation Authority
FROM: David M. Patterson, Chairman, Construction Committee
DATE: March 17, 2021

ITEM DESCRIPTION

Recommendation of the Construction Committee to Approve Addendum No. 30 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Turner-Kiewit Joint Venture, for Project Bid Package (BP) No. S00192, South Terminal C, Phase 1, Landside Civil (LSC) Roadway Overhead Signage (Guaranteed Maximum Price (GMP) No. 5-S.7) at the Orlando International Airport

BACKGROUND

The South Terminal C, Phase 1, Program provides for a world-class domestic and international airport terminal building, consisting of a new airside terminal with up to 24 airline gates and a landside terminal with both secure and non-secure areas, and may include, but is not limited to all associated improvements and infrastructure required or related thereto, such as site work, roadways, aprons, runways, taxiways, other airfield work, utilities, landscaping, lighting, walkways, pedestrian bridges, expansion of the parking garage, a new and/or expanded chiller plant, aircraft loading bridges, and all interior design, such as concessions planning, ticketing, and security improvements, and baggage handling systems.

On May 18, 2016, the Aviation Authority Board approved the award of a Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement to Turner-Kiewit Joint Venture.

Under the CM@R Agreement, the CM@R is entitled to reimbursement and compensation for the following, upon acceptable performance:

- Direct cost of the work is the actual cost for the subcontractor costs, direct labor, materials, and equipment required to construct the work,
- Allowances are estimated dollar amounts that are separately identified in a GMP for the purpose of encumbering funds to cover certain costs that are not completely defined when the GMP is approved, but may be necessary to complete the Project. An allowance means that the scope is not fully known or additional review is needed to determine whether the item is reimbursable,
- General condition expenses, such as CM@R management staff, limited to those set forth in the CM@R Agreement,
- CM@R Contingency is the negotiated amount or percentage of the Cost of the Work to be utilized for over-budget buyout of the work and for increases in the cost due to unforeseen circumstances relating to construction of the project, except when deemed the responsibility of the Owner in accordance with the Agreement,
- Owner Contingency is an amount or percentage of the Cost of the Work to be utilized by the Owner for items deemed the responsibility of the Owner in accordance with the Agreement,

- Performance and Payment Bond rate set forth in the CM@R Contract is 0.664%, and
- The CM@R Fee covers the CM@R's overhead, profit and all other costs not reimbursable under the CM@R Contract. For Turner-Kiewit Joint Venture, the CM@R Fee is 4.211%.

Cost of allowances, contingencies and insurance will not be incurred until approved by the Aviation Authority.

ISSUES

GMP No. 5-S.7 for South Terminal C, Phase 1, has been negotiated with Turner-Kiewit Joint Venture for BP No. S00192, South Terminal C, Phase 1, Landside Civil (LSC) Roadway Overhead Signage (GMP No. 5-S.7) at the Orlando International Airport, for a total GMP amount as shown below. The scope of BP No. S00192 will furnish and install all traffic signs, supporting utilities, and structural elements for roadways serving the Landside Terminal, Airside Terminal, Parking Garage, and the South Automated People Mover (APM) Complex at the Orlando International Airport. This scope includes, but is not limited to, structure, signage, electrical, low voltage, and associated civil work. Turner-Kiewit Joint Venture proposes these services for the following compensation:

Direct Cost of Work	\$2,100,698
General Conditions	\$ 208,650
Allowances	\$ 407,000
CM@R Contingency	\$ 135,817
Owner Contingency	\$ 67,909
SUBTOTAL:	<u>\$2,920,074</u>
Perf. & Payment Bond	\$ 22,542
Fee (4.211%)	<u>\$ 123,914</u>
Total GMP Addendum Cost:	<u>\$3,066,530</u>

The schedule included in the GMP proposal provides for the BP No. S00192 substantial completion date of February 28, 2022.

The overall GMP proposal has been thoroughly reviewed by the Owner's Authorized Representative (i.e., Geotech Consultants International, Inc. dba GCI, Inc.), the Aviation Authority's Construction-Engineering-Financial Consultant (i.e., Anser Advisory Consulting, LLC), legal counsel, and staff.

Payment for work will be for the work and services performed up to but not exceeding the total GMP amount in accordance with the CM@R Agreement.

Due to the funding source of this GMP No. 5-S.7, Turner-Kiewit Joint Venture proposes 15% DBE participation for Construction Services in lieu of MWBE and LDB/VBE participation goals. As such, Turner-Kiewit Joint Venture's committed MWBE and LDB participation for Construction Services goals are not affected by this award. Turner-Kiewit Joint Venture is committed to achieving 24% DBE participation on this GMP for Construction Services.

On March 2, 2021, the Construction Committee recommended approval of Addendum No. 30 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Turner-Kiewit Joint Venture, for BP No. S00192, South Terminal C, Phase 1, Landside Civil (LSC) Roadway Overhead Signage (GMP No. 5-S.7) at the Orlando International Airport, as outlined in the memorandum.

ALTERNATIVES

None.

FISCAL IMPACT

The fiscal impact is \$3,066,530. Funding is from Florida Department of Transportation (FDOT) Grants to the extent eligible and General Airport Revenue Bonds.

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to accept the recommendation of the Construction Committee and approve Addendum No. TBD to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Turner-Kiewit Joint Venture, for BP No. S00192, South Terminal C, Phase 1, Landside Civil (LSC) Roadway Overhead Signage (Guaranteed Maximum Price (GMP) No. 5-S.7) at the Orlando International Airport, for a total negotiated GMP amount of \$3,066,530, which includes \$2,100,698 for Direct Cost of Work, \$208,650 for General Conditions, \$407,000 for Allowances, \$135,817 for CM@R Contingency, \$67,909 for Owner Contingency, \$22,542 for Performance and Payment Bonds, and a CM@R's Fee amount of \$123,914 (4.211%), with funding from FDOT Grants to the extent eligible and General Airport Revenue Bonds; and authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel.