City of San Antonio
Department of Capital Improvements Management Services
Department of Aviation

Project Name: Runway 3/21 Extension – New Exit Twy, Twy Repairs, and Perimeter Rd Reconstruction – Re-Bid at San Antonio International Airport

Project No. 33-00160

Date: February 27, 2013

Addendum No. 4

This addendum shall be included in, and be considered a part of the plans and specification for the above named project. The Contractor shall be required to sign an Acknowledgement of the receipt of this Addendum at the time he receives it. The Acknowledgement must also be submitted with the bid package.

Addendum No. 4 is issued to notify you of the revisions and/or corrections to the following items that were posted on the CoSA website and/or included in the hard copy of the bid packages.

I. Please note the following:

   1. An Additive Alternate #2 has been added to the project as indicated on the '025 Unit Pricing Form' (revised in the current addendum). This Additive Alternate is for the removal/recycling of existing on-site rubble stockpiles. Separate stockpiles consist of dirt/debris, cement treated base, and structural concrete rubble. (Photographs are attached to this addendum.)

II. Remove '020 Bid Form' in its entirety and replace with the attached '020 Bid Form'. Changes are noted in bold italics underlined text.

III. Remove the '025 Unit Pricing Form' in its entirety and replace with the attached '025 Unit Pricing Form'. Changes are noted in bold italics underlined text.

IV. Item P-150, Demolition, add the following pay items:

Item P-150-4.11	*Removal of On-Site Concrete Rubble, with some rebar, for off-site disposal or recycling in accordance with local regulations – per cubic yard*
Item P-150-4.12	*Removal of On-Site Concrete Rubble, with significant rebar, for off-site disposal or recycling in accordance with local regulations – per cubic yard*

Item P-150-4.13 *Removal of On-Site Cement Treated Base Rubble, for off-site disposal or recycling in accordance with local regulations – per cubic yard*

Item P-150-4.14 *Removal of On-Site Dirt Pile with debris throughout, for off-site disposal or recycling in accordance with local regulations – per cubic yard*

V. Responses to contractor questions as of 2/22/2013 are attached.

VI. Sheet C-104, Construction Sequence 2, add the following note:

11. Contractor will be required to install temporary pavement striping in this work area prior to commencing any construction work, as directed by the Owner. Pavement striping is to be paid for under the unit bid price for the corresponding type of pavement markings pay items included in the base bid.

VII. Remove and Replace the following attached plan sheet (34"x22"):

1. Sheet C-001 Project Limits Plan
   Added location of rubble/stockpiles.

List of Attachments

1. Addendum Number Four (4) Acknowledgement Form.
2. '020 Bid Form'.
3. '025 Unit Pricing Form'.
4. Responses to contractor questions as of 2/22/2013.
5. Rubble/Stockpiles Photographs (5).
6. Sheet C-001 Project Limits Plan.

End of Addendum No. 4

STATE OF TEXAS
GUO-PIN FUAN
81466
REGISTERED
PROFESSIONAL ENGINEER

2/27/13

CITY OF SAN ANTONIO

RECEIPT OF ADDENDUM NUMBER **FOUR (4)** IS HEREBY ACKNOWLEDGED FOR PLANS AND SPECIFICATIONS FOR CONSTRUCTION OF **RUNWAY 3/21 EXTENSION – NEW EXIT TAXIWAY, TAXIWAY REPAIRS, AND PERIMETER ROAD RECONSTRUCTION – RE-BID** FOR WHICH BIDS WILL BE OPENED ON **TUESDAY, MARCH 5, 2013.**

THIS ACKNOWLEDGEMENT MUST BE SIGNED AND RETURNED WITH THE BID PACKAGE.

Company Name: _____

Address: _____

City/State/Zip Code: _____

Date: _____

_____
Signature

_____
Print Name/Title

This Page Intentionally Left Blank

CITY OF SAN ANTONIO

Runway 3/21 Extension-New Exit Twy, Twy Repairs, and Perimeter Rd Reconstruction – Re-Bid
at San Antonio International Airport

Date Issued: February 27, 2013
ID NO.: 33-00160-01

020

BID FORM

The estimated construction budget for this contract, including ***Additive Alternates #1 and #2***, is ***$8,015,000.00***.

I. BASE BID
Total Amount of Base Bid (Insert Amount in Words and Numbers):

_____**$**_____

II. ALTERNATES
Amount of each Alternates insert in Numbers:

1. Additive Alternate #1 - _____Paved Taxiway Shoulders_____

Total Amount of Bid for Additive Alternate #1 (Insert Amount in Words and Numbers):

_____$_____

2. ***Additive Alternate #2 – Removal and Disposal/Recycling of Existing On-Site Rubble Stockpiles***

Total Amount of Bid for Additive Alternate #2 (Insert Amount in Words and Numbers):

_____$_____

III. UNIT PRICES
Bidders shall submit unit pricing on the 025 Unit Pricing form, and it shall be attached immediately following this sheet.

_____	_____
Official Name of Company (legal)	Telephone No.
_____	_____
Address	Fax No.
_____	_____
City, State and Zip Code	E-mail Address

Name of the proposed **Project Manager:** _____

Name of the proposed **Site Superintendent:** _____

This Page Intentionally Left Blank

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: RW-3/21 EXTENSION-NEW EXIT TWY, TWY REPAIRS, AND PERIMETER RD - RE-BID
AT SAN ANTONIO INTERNATIONAL AIRPORT
PROJECT NO. 33-00160

BASE BID

ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
1	100.1		Mobilization (8% per limitations in Section 040)	LS	1			
2	100.2		Insurance and Bond	LS	1			
3	100.3		Lighted Portable Runway Closure Marker	Ea	2			
4	100.4		Type 1 and Type 2 Barricades	LS	1			
5	100.5		Temporary Airfield Lighting And Signage	LS	1			
6	101.1		Preparing Right-of-Way	LS	1			
7	103.3		Remove Concrete Roadway (>10,000 S.F.)	SF	55,872			
8	103.4		Remove Miscellaneous Concrete	SF	3,308			
9	104.1		Street Excavation (1,000<x<10,000 C.Y.)	CY	1,035			
10	107.1		Embankment (Final)(Dens Cont)(TY A)	CY	210			
11	108.1		Lime-Treated Subgrade (6")	SY	2,258			
12	108.1		Lime-Treated Subgrade (8")	SY	7,768			
13	108.2		Lime	Ton	268			
14	200.1		Flexible Base (8" Compacted Depth)	SY	2,258			
15	202.1		Prime Coat (0.2 Gal/SY)	Gal	1,554			
16	205.2		Hot Mix Aspaltic Pvmt , Ty A (3" Comp Depth)	SY	2,258			

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: RW-3/21 EXTENSION-NEW EXIT TWY, TWY REPAIRS, AND PERIMETER RD - RE-BID
AT SAN ANTONIO INTERNATIONAL AIRPORT
PROJECT NO. 33-00160

BASE BID

ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
17	205.2		Hot Mix Aspaltic Pvmt (base), Ty B (4" Comp Depth)	SY	7,768			
18	209.1		Concrete Pavement (10" Deep)	SY	7,768			
19	307.1		Concrete Structure (Headwalls)	CY	12			
20	309.1		Precast Reinforced Concrete Culvert (3'x2')	LF	296			
21	401.4		Safety End Treatment	Ea	5			
22	505.1		Concrete Riprap (5" Thick) (<100 S.Y.)	SY	30			
23	509.1		Metal Beam Guard Rail (<200 L.F.)	LF	57			
24	516.1		Bermuda Sodding (<2,000 S.Y.)	SY	1,667			
25	530.1		Barricades, Signs, and Traffic Handling	LS	1			
26	531.6		R2-1 Speed Limit (24"x30") (High Density)	Ea	2			
27	537.1		Traffic Button (Type W)	Ea	95			
28	681.1		Portable Traffic Signal System (one per approach direction)	Ea	2			
29	540.1		Rock Filter Dams (Install/Remove) (Type 2)	LF	35			
30	540.6		Construction Exits (Install/Remove)	SY	305			
31	540.6		Construction Exits (Install/Remove) (Twy R)	SY	111			
32	540.9		Temporary Sediment Control Fence	LF	4,820			

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: RW-3/21 EXTENSION-NEW EXIT TWY, TWY REPAIRS, AND PERIMETER RD - RE-BID
AT SAN ANTONIO INTERNATIONAL AIRPORT
PROJECT NO. 33-00160

BASE BID

ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
33	540.9		Temporary Sediment Control Fence (Twy R)	LF	200			
34	550.1		Trench Excavation Safety Protection	LF	650			
35	P-150-4.1		Removal of 3-Inch to 4-Inch Bituminous Taxiway, Shoulder or Blast Pad Pavement	SY	1,900			
36	P-150-4.2		Removal of Metal Guardrail with Metal Posts	LF	200			
37	P-150-4.3		Removal of Existing Runway/Taxiway Pavement Markings	SF	***11,815***			
38	P-150-4.4		Removal of 16-Inch Concrete Pavement, including Thickened Edge, Base, Reinforcement (Depth Varies)	SY	10,425			
39	P-150-4.5		2-Inch Mill of Existing Concrete Pavement (Twy R)	SY	180			
40	P-150-4.6		Removal of Existing Inlet	Ea	1			
41	P-150-4.7		Removal of Sanitary Manhole	Ea	2			
42	P-150-4.8		Removal of Concrete Culverts (3 locations)	LS	1			
43	P-150-4.9		Removal of 2-Inch to 3-Inch Bituminous Access Road Pavement	SY	880			
44	P-150-4.10		Removal of Taxiway R Edge Light Base	Ea	2			
45	P-151-4.1		Clearing and Grubbing	Ac	6			
46	P-152-4.1		Unclassified Excavation	CY	12,600			
47	P-154-5.1		6-Inch (Depth) Aggregate Subbase Course	SY	20,585			

PROJECT NAME: RW-3/21 EXTENSION-NEW EXIT TWY, TWY REPAIRS, AND PERIMETER RD - RE-BID
AT SAN ANTONIO INTERNATIONAL AIRPORT
PROJECT NO. 33-00160

BASE BID

ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
48	P-155-8.1		6-Inch (Depth) Lime-Treated Subgrade (7%)	SY	21,425			
49	P-155-8.2		Lime	Ton	455			
50	P-209-5.1		8-Inch (Depth) Crushed Aggregate Base Course	SY	1,635			
51	P-304-8.1		6-Inch (Depth) Cement Treated Base Course	SY	18,205			
52	P-304-8.2		Cement Treated Base Repair (10-Inch Nom Depth)	SY	2,050			
53	P-403-8.1		3-Inch (Depth) Bituminous Surface Course	SY	1,505			
54	P-403-8.2		Bituminous Overlay (Twy R)	Ton	250			
55	P-403-8.3		Pavement Fabric (Twy R)	SY	650			
56	P-501-8.1		16-Inch (Depth) Reinforced Portland Cement Concrete Pavement	SY	18,233			
57	P-501-8.2		16 Inch - 20 Inch Thickened Reinforced Portland Cement Concrete Pavement	SY	5,775			
58	P-602-5.1		Bitiminous Prime Coat	Gal	13,820			
59	P-603-5.1		Bitiminous Tack Coat (Twy R)	Gal	200			
60	P-620-5.1		Reflective Yellow Taxiway Pavement Markings, waterborne (Twy R)	SF	50			
61	P-620-5.2		Reflective Yellow Taxiway Pavement Markings, waterborne	SF	5,230			
62	P-620-5.3		Reflective White Runway Pavement Markings, waterborne	SF	390			

PROJECT NAME: RW-3/21 EXTENSION-NEW EXIT TWY, TWY REPAIRS, AND PERIMETER RD - RE-BID
AT SAN ANTONIO INTERNATIONAL AIRPORT
PROJECT NO. 33-00160

BASE BID

ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
63	P-620-5.4		Non-Reflective Black Runway and Taxiway Pavement Markings, waterborne	SF	9,530			
64	P-620-5.5		Non-Reflective Black Runway and Taxiway Pavement Markings, waterborne (Twy R)	SF	100			
65	P-620-5.6		Preformed Thermoplastic SPHPS	SF	7,525			
66	P-620-5.7		Preformed Thermoplastic RW Hold	SF	4,290			
67	P-621-4.1		Runway Pavement Grooving	SY	70			
68	D-701-5.1		18-inch Reinforced Concrete Pipe, Class V	LF	142			
69	D-751-5.1		FAA Rated Storm Sewer Grate Inlet	Ea	2			
70	D-751-5.2		FAA Rated Sanitary Sewer Manhole	Ea	2			
71	T-901.5.1		Hydro-Mulch Seeding for Erosion Control	Ac	5			
72	T-901.5.2		Hydro-Mulch Seeding for Erosion Control (Twy R)	Ac	1			
73	T-905-5.1		Topsoiling	CY	900			
74			Electrical Demolition (Including existing lighting, cables/conductors, base cans, lamps, transformers, ground wires, abandoned cables, foundations, etc.)	LS	1			
75	L-108-5.1		#6 AWG 5 KV Cable	LF	1,200			
76	L-108-5.2		#8 AWG 5 KV Cable	LF	8,100			
77	L-108-5.2		#8 AWG 5 KV Cable (for temporary edge light jumpers)	LF	5,000			

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: RW-3/21 EXTENSION-NEW EXIT TWY, TWY REPAIRS, AND PERIMETER RD - RE-BID
AT SAN ANTONIO INTERNATIONAL AIRPORT
PROJECT NO. 33-00160

BASE BID

ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
78	L-108-5.3		#1/0 AWG Counterpoise, Gnd Rods, and Connectors	LF	8,950			
79	L-108-5.5		Cable Connection Termination	Ea	105			
80	L-108-5.6		Communicatioins Cable 25-Pair	LF	310			
81	L-108-5.7		Communicatioins Cable 50-Pair	LF	310			
82	L-110-5.1		1-Way 2-Inch Schedule 40 PVC Sand Encased Duct, Complete In Place	LF	8,600			
83	L-110-5.2		Modification of Existing Ductbank	LF	700			
84	L-110-5.3		4-Way 4-Inch Schedule 40 PVC Concrete Encased Duct, Complete In Place	LF	900			
85	L-115-5.1		Electrical Handhole/Pull Box (L-867 With Cover)	Ea	6			
86	L-115-5.1		Electrical Handhole/Pull Box (4' x 4')	Ea	3			
87	L-125-5.1		New Taxiway Edge Lights (Elevated) With Base	Ea	26			
88	L-125-5.1		New LED Taxiway Edge Lights (Elevated) With Base	Ea	10			
89	L-125-5.1		Remove and Reinstal Runway and Taxiway Edge Lights (Elevated) Without Base	Ea	63			
90	L-125-5.2		Light Base, L-867, New	Ea	63			
91	L-125-5.2		Light Base, L-868, New	Ea	3			
92	L-125-5.4		Guidance Sign, Relocated (2 Module)	Ea	4			

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: RW-3/21 EXTENSION-NEW EXIT TWY, TWY REPAIRS, AND PERIMETER RD - RE-BID
AT SAN ANTONIO INTERNATIONAL AIRPORT
PROJECT NO. 33-00160

BASE BID

ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
93	L-125-5.4		Guidance Sign, Relocated (3 Module)	Ea	3			
94	L-125-5.5		Guidance Sign, New Complete in Place (2 Module)	Ea	5			
95	L-125-5.5		Guidance Sign, New Complete in Place (3 Module)	Ea	1			
96	L-125-5.7		Isolation Transformer, 200W	Ea	36			
97	L-125-5.8		New Runway Edge Light (In-Pavement) Without Base	Ea	1			
98	L-125-5.8		Remove and Reinstall Runway Edge Light (In-Pavement) Without Base	Ea	2			
99	L-125-5.10		Light Fixture Identification Tags	Ea	36			
						TOTAL BASE BID AMOUNT:		

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: RW-3/21 EXTENSION-NEW EXIT TWY, TWY REPAIRS, AND PERIMETER RD - RE-BID
AT SAN ANTONIO INTERNATIONAL AIRPORT
PROJECT NO. 33-00160

ADD ALTERNATE 1

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
1	100	P-152-4.1		Unclassified Excavation	CY	8,000			
1	101	P-154-5.1		6-Inch (Depth) Aggregate Subbase Course	SY	18,700			
1	102	P-155-8.1		6-Inch (Depth) Lime-Treated Subgrade (7%)	SY	19,300			
1	103	P-155-8.2		Lime	Ton	410			
1	104	P-209-5.1		8-Inch (Depth) Crushed Aggregate Base Course	SY	18,200			
1	105	P-403-8.1		3-Inch (Depth) Bituminous Surface Course	SY	17,750			
1	106	P-602-5.1		Bitiminous Prime Coat	Gal	9,100			
1	107	P-620-5.2		Reflective Yellow Taxiway Pavement Markings, waterborne	SF	8,025			
				TOTAL AMOUNT ADDITIVE ALTERNATE BID NO. 1:					

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: RW-3/21 EXTENSION-NEW EXIT TWY, TWY REPAIRS, AND PERIMETER RD - RE-BID
AT SAN ANTONIO INTERNATIONAL AIRPORT
PROJECT NO. 33-00160

ADD ALTERNATE 2

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
2	***108***	***P-150-4.11***		***Removal of On-Site Concrete Rubble, with some rebar, for off-site disposal or recycling in accordance with local regulations***	***CY***	***20,000***			
2	***109***	***P-150-4.12***		***Removal of On-Site Concrete Rubble, with significant rebar, for off-site disposal or recycling in accordance with local regulations***	***CY***	***20,000***			
2	***110***	***P-150-4.13***		***Removal of On-Site Cement Treated Base Rubble, for off-site disposal or recycling in accordance with local regulations***	***CY***	***10,000***			
2	***111***	***P-150-4.14***		***Removal of On-Site Dirt Pile with debris throughout, for off-site disposal or recycling in accordance with local regulations***	***CY***	***5,000***			
				TOTAL AMOUNT ADDITIVE ALTERNATE BID NO. 2:					

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: RW-3/21 EXTENSION-NEW EXIT TWY, TWY REPAIRS, AND PERIMETER RD - RE-BID
AT SAN ANTONIO INTERNATIONAL AIRPORT
PROJECT NO. 33-00160

BID SUMMARY

ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
					TOTAL AMOUNT BASE BID			
					TOTAL AMOUNT ADDITIVE ALTERNATE BID NO. 1			
					TOTAL AMOUNT ADDITIVE ALTERNATE BID NO. 2			
			TOTAL AMOUNT BASE BID + ALT NO. 1 + ALT NO. 2:					

_____certifies that the unit prices shown on this complete computer print-out for all of the bid items and the alternates contained in this proposal are the unit prices intended and that its bid will be tabulated using these unit prices and no other information from this print-out.

_____acknowleges and agrees that the total bid amount shown will be read as its total bid and further agrees that the official total bid amount will be determined by multiplying the unit bid prices shown in this print-out by the respective estimated quantities shown in the proposal and then totaling all of the extended amounts. _____ agrees to the terms, conditions, and requirements of the bidder's bid proposal.

Signed: _____ Date: _____

Title: _____

Runway 3/21 Extension – New Exit Twy, Twy Repairs,
And Perimeter Rd Reconstruction – Re-Bid
San Antonio International Airport

February 27, 2013

Responses to Contractor Questions (received as of February 22, 2013):

1. Is there a detail for the Electrical Handhole/Pull Box (L-867 with Cover)?
   A: Refer to std FAA publications and specifications for details on L-867 light base.

2. What wattage are the lamps for the taxiway edge lights? Are they bi-pin quartz or incandescent?
   A: LED fixture load is 25 VA.

3. Do the LED taxiway edge lights require an arctic kit?
   A: An arctic kit is not required.

4. Is there a detail for the new L-868 light base?
   A: Refer to std FAA publications and specifications for details on L-868 light base.

5. Can you provide a new sign schedule?
   A: A new sign schedule will not be provided at this time.

6. Regarding Bid Item 37, currently the quantity shown in the Addendum 3 bid form is 6000 sf. Items 65 and 66 total 11,815 sf. Should these two quantities be equivalent? Or is pavement marking removal considered to be included already in items 65 and 66?
   A: The quantities for pavement markings removal have been revised in the current addendum.

7. Will the Owner make available a dry enclosed area onsite, possibly a hangar, for the temporary storage of preformed thermo material during the scheduled time of installation? Anticipated duration is 3 weeks. Space needed is approximately 50 each 4x4 pallets.
   A: There will not be a dry enclosed area on-site at this time.

8. Will the entire Runway 4-22 be closed during this project, specifically outside the localized construction areas around Taxi C and Taxi D? Are there restrictions on the timing of work outside the Taxi D and Taxi C work areas for both marking removal and new preformed thermo installation?
   A: Runway 4-22 will be closed as indicated in the contract documents; however, portions of the runway outside of the localized construction areas will remain active for aircraft taxiing and related operations. The contractor will be required to coordinate pavement markings installation efforts with SAT Airport Operations.

9. We are being told the P-154 Agg Subbase is not available and can't be made locally. Has SAT addressed this issue in the past?
   A: If the specified FAA-type base material cannot be sourced locally, consideration will be given to substituting a higher quality FAA-type base material that is available locally.

10. Section A on Sheet C-204 indicates that the CTB is to remain. If we use the "saw and lift out method" as described in the "Accelerated Practices for Airfield Concrete Pavement Construction" issued by Innovative Pavement Research Foundation and the CTB is damaged, will the repair of this damage be paid under Item P-304-8.2?

A: At locations where existing CTB is to remain in place, the contractor shall employ a PCC pavement removal method that will minimize damage to the existing CTB layer. The removal method shall be consistent with the requirements in the contract documents, and will be subject to review and approval in advance by the Owner. Any incidental damage to the existing CTB is to be paid for under Item P-304-8.2.

11. Section A on Sheet C-204 indicates that the CTB is to remain. If we use the "rubblization method" as described in the "Accelerated Practices for Airfield Concrete Pavement Construction" issued by Innovative Pavement Research Foundation and the CTB is damaged, will the repair of this damage be paid under Item P-304-8.2?

A: See response to Question 10 above.

12. Please describe/define the procedure paid for under item P-304.8.2.

A: See response to Question 10 above.

13. What is the location of the approximate quantity of 2,050 SY in P-304.8.2?

A: The precise location for CTB repairs is not yet defined. See response to Question 10 above.

14. Since this can be considered an accelerated project schedule, will we be able to use 6" asphalt treated base in lieu of the "Section 4" shown on Sheet C-710 in order to save time?

A: In order to save time, consideration will be given to substituting the specified lime-treated subgrade with other materials of equal or better quality, including but not limited to the use of a cement-treated subgrade.

15. The response to Question #19 in Addendum 3 indicates that "Ride Quality Testing will not be required for this project." Does this response also apply to the P-501 airfield pavement?

A: For this project, testing using a profilograph will not be required for P-501 airfield pavements.

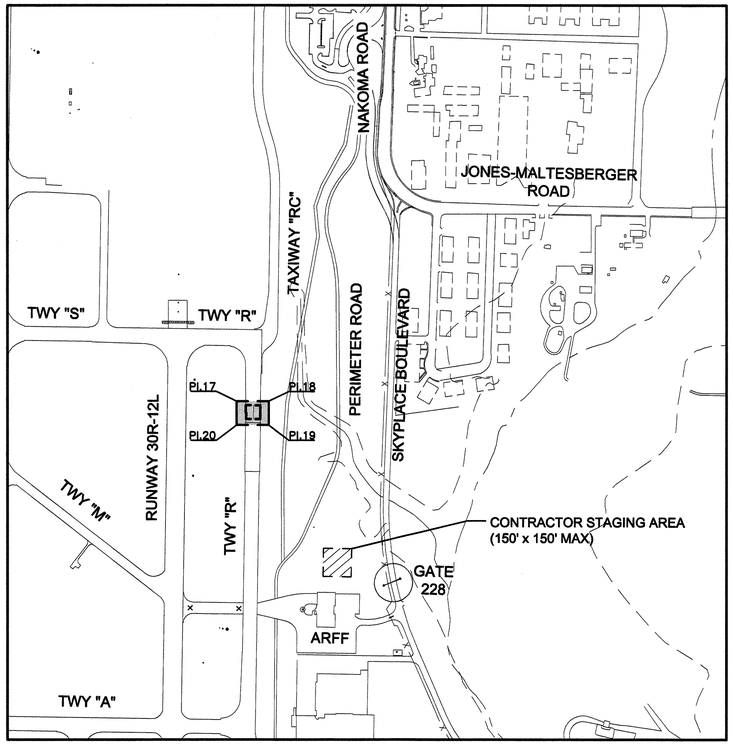
SAT Rubble

PCC Rebar Some

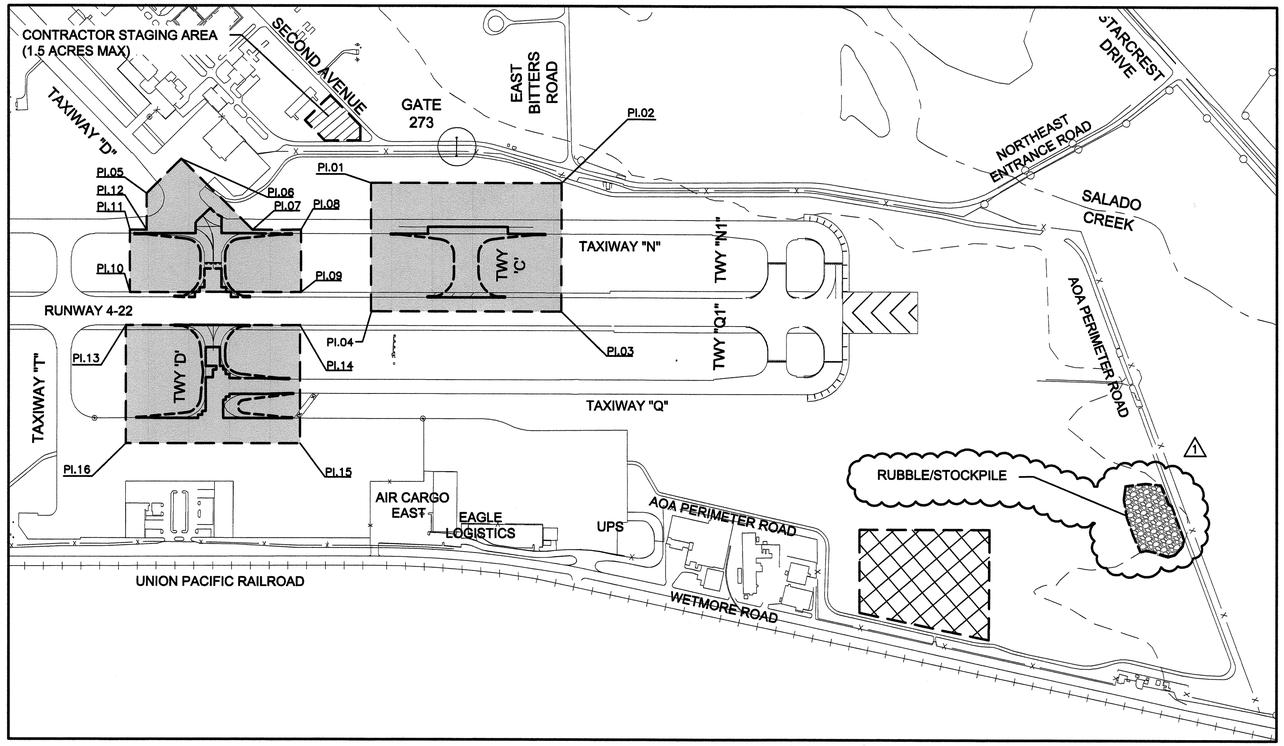
PCC Rebar Lots

CTB Clean

Dirt Debris



TAXIWAY 'R' REPAIR



TAXIWAYS 'D', 'Q' AND 'N' IMPROVEMENTS / AND TAXIWAY 'C' CONSTRUCTION

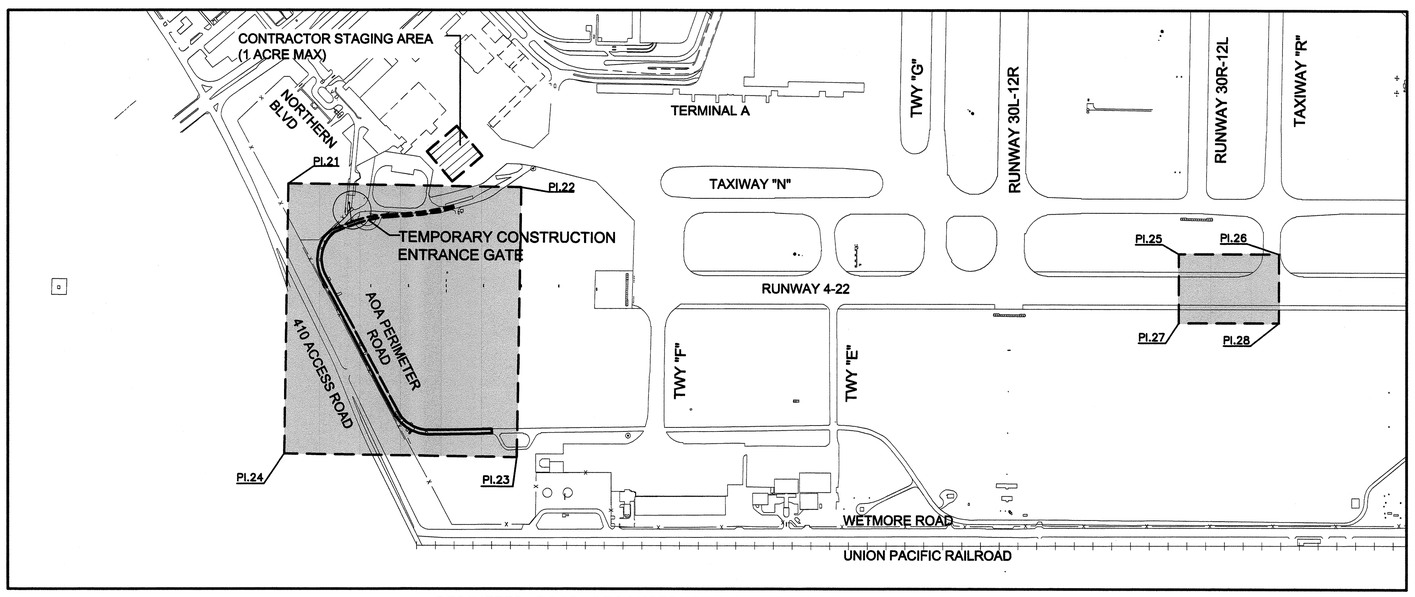
NOTE

1. SEE SHEET C-002 FOR SURVEY CONTROL.

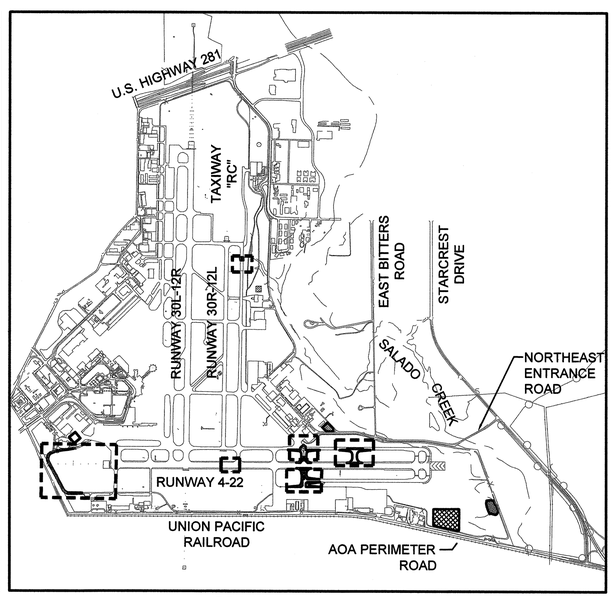
LEGEND

- OVERALL PROJECT LIMITS
- CONTRACTOR STAGING AREA
- BORROW/STOCK PILE AREA
- RUBBLE/STOCKPILE AREA (1)
- PI.01 COORDINATE REFERENCE NUMBER

COORDINATE REFERENCE NUMBER		
REF. NO.	PROJECT LIMITS COORD. NORTHING	EASTING
PI.01	13745424.86	2140804.40
PI.02	13746196.31	2141462.59
PI.03	13745752.87	2141981.45
PI.04	13744981.42	2141323.26
PI.05	13744481.41	2140072.09
PI.06	13744739.59	2140051.60
PI.07	13744781.87	2140584.31
PI.08	13744978.35	2140751.77
PI.09	13744763.32	2141004.05
PI.10	13744071.57	2140414.44
PI.11	13744286.59	2140162.17
PI.12	13744354.96	2140220.44
PI.13	13742761.64	2139170.85
PI.14	13744645.39	2141134.98
PI.15	13744237.96	2141611.81
PI.16	13743534.58	2141010.80
PI.17	13746609.37	2135421.04
PI.18	13746737.90	2135531.58
PI.19	13746656.81	2135628.34
PI.20	13746527.10	2135517.48
PI.21	13739397.35	2135810.79
PI.22	13740327.58	2136629.95
PI.23	13739378.39	2137707.84
PI.24	13738448.17	2136888.67
PI.25	13742775.29	2139182.49
PI.26	13743166.80	2139516.60
PI.27	13742523.94	2139449.39
PI.28	13742929.11	2139795.14



PERIMETER ROAD RECONSTRUCTION AND RUNWAY 4-22 REPAIR



PROJECT VICINITY MAP
NTS

400 200 0 400 800
SCALE: 1 IN = 400 FT

No.	Revision	By	App.	Date
1	ADDENDUM 4			02-26-13
	ISSUE FOR BID			01-25-13

ADDENDUM 4

SAN ANTONIO AIRPORT SYSTEM

AECOM
TEXAS REGISTERED ENGINEERING FIRM F-3580
5757 Woodway Drive
Suite 101 West
Houston, Texas 77057
Tel: 713.267.3200
Fax: 713.267.3278

STATE OF TEXAS — GUO-PIN FUAN — 81466 — REGISTERED PROFESSIONAL ENGINEER — 2/26/13

Designed By: GPF
Drawn By: CRJ/FE/GWS
Checked By: TKD
Date: 12/03/2012
Scale: AS SHOWN

SAN ANTONIO INTERNATIONAL AIRPORT
RUNWAY 3-21 EXTENSION - NEW EXIT TAXIWAY, TAXIWAY REPAIRS, AND PERIMETER RD RECONSTRUCTION - RE-BID

PROJECT LIMITS PLAN

Project No. 33-00160 | C.I.P. No. 0000 | A.I.P. No. 0000 | Sheet C-001

LAST MODIFIED: Feb 26, 2013 - 10:43am BY USER: strokerg
DWG. LOCATION: P:_AVS\60039638_SAT\400-Technical\424-Sheets\RWY-321_Exten-PH4 - REBID\2013-02-26 Addendum 4\
DWG. NAME: SAT-RWY321-C-001.dwg