



**BOARD OF SUPERVISORS AGENDA ITEM REPORT
CONTRACTS / AWARDS / GRANTS**

Award Contract Grant

Requested Board Meeting Date: 02/06/18

* = **Mandatory, information must be provided**

or Procurement Director Award

***Contractor/Vendor Name/Grantor (DBA):**

Borderland Construction Company, Inc.

***Project Title/Description:**

Construction Manager at Risk for Aerospace Parkway Widening (4AERO2)

***Purpose:**

Amendment: Contract No. CT-PW-17-328, Amendment No. Three (3). This amendment is for Phase 2 of the construction phase of the contract and extends the term of the contract to 09/28/18, amends the scope of work, and increases the contract amount by \$2,330,178.08 through the incorporation of an accepted Guaranteed Maximum Price 2 (GMP) Phase 2, schedule, and scope of work. Administering Department: Public Works.

***Procurement Method:**

Pursuant to Solicitation for Qualifications No. 247692, on 05/02/17, the Board of Supervisors awarded a contract for this project in the amount of \$183,369.91 for preconstruction services for a contract term of 05/02/17 to 05/01/18. Previous Amendment No. 1 totaling \$1,418,833.86 has been approved by the Board of Supervisors to incorporate an accepted GMP 1 Phase 1, schedule, and scope of work. Amendment No. 2 totaling \$120,058.65 was approved by the Procurement Director to avoid installation of both a temporary and final signal installation.

Attachment: Amendment No. Three (3)

***Program Goals/Predicted Outcomes:**

This contract is for the CMAR to provide preconstruction and construction services for the entire Aerospace Parkway Widening Project, including intersection improvements at Nogales Highway and Raytheon Parkway. The preconstruction services phase includes value engineering, constructibility reviews, and a cost model development. The CMAR will develop multiple GMPs for each of the phases to construct the project throughout the term of the Contract and incorporate into this Contract by Amendment. This amendment adds GMP 2 for Phase 2 for widening Aerospace Parkway in the general vicinity of the Raytheon Parkway intersection and includes the initial mass earthwork for widening Aerospace Parkway between Eisenhower Road and the Eastern Project limits.

***Public Benefit:**

The construction of this expansion will provide the infrastructure needed for both the commercial and industrial growth being promoted in the area of the Aerospace corridor, including known increased traffic needs at Raytheon and Vector Space. The result of this development will be to support growth in the local economy which will benefit the entire region.

***Metrics Available to Measure Performance:**

Performance will be measured using the contractor evaluation process as outlined in BOS Policy D29.1.F.III.F at the end of the preconstruction phase, the CMAR will provide GMP(s), which will be incorporated into this Contract by Amendment, showing the project will be constructed within the estimated budget. GMP 2 for Phase 2 will continue to be evaluated within the contractor evaluation process with emphasis on alternative delivery implementation of partnering principles.

***Retroactive:**

No.

Procure Dept 01/23/18 PM 04:03

To: COB - 1-24-18
Pg 5 - 22

Contract / Award Information

Document Type: _____ Department Code: _____ Contract Number (i.e.,15-123): _____
Effective Date: _____ Termination Date: _____ Prior Contract Number (Synergen/CMS): _____
 Expense Amount: \$* _____ Revenue Amount: \$ _____

***Funding Source(s) required:**

Funding from General Fund? Yes No If Yes \$ _____ % _____

Contract is fully or partially funded with Federal Funds? Yes No

***Is the Contract to a vendor or subrecipient?**

Were insurance or indemnity clauses modified? Yes No

If Yes, attach Risk's approval

Vendor is using a Social Security Number? Yes No

If Yes, attach the required form per Administrative Procedure 22-73.

Amendment / Revised Award Information

Document Type: CT Department Code: PW Contract Number (i.e.,15-123): 17-328
Amendment No.: Three (3) AMS Version No.: Nine (9)
Effective Date: 02/06/18 New Termination Date: 09/28/18

Prior Contract No: (Synergen/CMS): _____

Expense or Revenue Increase Decrease Amount This Amendment: \$ 2,330,178.08

Is there revenue included? Yes No If Yes \$ _____

***Funding Source(s) required:** HURF 12.6%

Funding from General Fund? Yes No If Yes \$ _____ % _____

Grant/Amendment Information (for grants acceptance and awards) Award Amendment

Document Type: _____ Department Code: _____ Grant Number (i.e.,15-123): _____

Effective Date: _____ Termination Date: _____ Amendment Number: _____

Match Amount: \$ _____ Revenue Amount: \$ _____

***All Funding Source(s) required:**

*Match funding from General Fund? Yes No If Yes \$ _____ % _____

*Match funding from other sources? Yes No If Yes \$ _____ % _____

*Funding Source: _____

***If Federal funds are received, is funding coming directly from the Federal government or passed through other organization(s)?**

Contact: Matt Sage, Procurement Officer Matt Sage Thompson 1-19-18

Department: Procurement Matt Sage 1/19/18 Telephone: 520-724-8586

Department Director Signature/Date: [Signature] 1/22/18

Deputy County Administrator Signature/Date: [Signature] 1/22/18

County Administrator Signature/Date: [Signature] 1/23/18

(Required for Board Agenda/Addendum Items)

PIMA COUNTY PUBLIC WORKS ADMINISTRATION		<table border="1"> <tr><td colspan="2">CONTRACT</td></tr> <tr><td>NO. <u>CT-PW-17-328</u></td></tr> <tr><td>AMENDMENT NO. <u>03</u></td></tr> <tr><td colspan="2">This number must appear on all invoices, correspondence and documents pertaining to this contract.</td></tr> </table>	CONTRACT		NO. <u>CT-PW-17-328</u>	AMENDMENT NO. <u>03</u>	This number must appear on all invoices, correspondence and documents pertaining to this contract.	
CONTRACT								
NO. <u>CT-PW-17-328</u>								
AMENDMENT NO. <u>03</u>								
This number must appear on all invoices, correspondence and documents pertaining to this contract.								
PROJECT:	Construction Manager At Risk Services for Aerospace Parkway Widening (4AERO2)							
CONTRACTOR:	Borderland Construction Company, Inc. P.O. Box 27406 Tucson, Arizona 85726							
CONTRACT NO.:	CT-PW-17-328							
AMENDMENT NO.:	Three (3)							
FUNDING:	HURF 12.6%							

CONTRACT TERM: 05/02/2017 - 05/01/2018	ORIGINAL CONTRACT AMOUNT:	\$	183,369.91
TERMINATION PRIOR AMENDMENT: 06/30/2018	PRIOR AMENDMENT(S):	\$	1,538,892.51
TERMINATION THIS AMENDMENT: 09/28/2018	AMOUNT THIS AMENDMENT:	\$	2,330,178.08
	REVISED CONTRACT AMOUNT:	\$	4,052,440.50

CONSTRUCTION CONTRACT AMENDMENT

WHEREAS, at its regularly scheduled meeting on May 2, 2017, the Board of Supervisors approved the award of a Construction Manager at Risk Contract by COUNTY to CONTRACTOR for the above-named Project; and

WHEREAS, construction of the project was anticipated to be conducted in multiple phases; and

WHEREAS, Guaranteed Maximum Price (GMP) 2 shall pertain to project Phase 2; and

WHEREAS, CONTRACTOR and COUNTY have completed the majority of pre-construction services for Phase 2 and have mutually agreed upon an acceptable GMP 2, to include the schedule and scope of work for the construction of Phase 2 of the Project; and

WHEREAS, Solicitation for Qualifications No. 247692, upon which the procurement for this Contract was based, provided that COUNTY would establish the goal for Small Business Enterprise (SBE) utilization for the construction under this Contract in conjunction with the establishment of each GMP; and

WHEREAS, CONTRACTOR and COUNTY have reviewed all required documentation regarding available subcontracting opportunities, the certified SBE's who are ready, willing, able and qualified to perform the construction, and have agreed to the establishment of an SBE goal of 1.5% for GMP 2, Phase 2 of this project; and

WHEREAS, CONTRACTOR and COUNTY now agree to incorporate the GMP 2, Phase 2 SBE goal, and contractual provisions, conditions, terms, agreements and related documents required for the construction phase of the Project into the Contract, and

WHEREAS, COUNTY and CONTRACTOR, pursuant to Article 1, have agreed to extend the Term of the Contract to September 28, 2018; and

WHEREAS, COUNTY and CONTRACTOR, pursuant to Article 2, have agreed to incorporate GMP 2 into the Contract for Phase 2 activities; and

WHEREAS, COUNTY and CONTRACTOR pursuant to Article 3 have agreed to increase the Contract amount as identified in GMP 2, Phase 2; and

WHEREAS, COUNTY's acceptance of GMP 2, Phase 2, is subject to the understanding of the Parties that all other elements of future GMPs, if any, are and remain negotiable.

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NOW, THEREFORE, it is agreed as follows:

CHANGE: ARTICLE 1 – TERM

FROM: “This Contract, as approved by the Board of Supervisors, commences on May 2, 2017 and terminates on June 30, 2018, unless sooner terminated or further extended for Project completion. COUNTY may, with written notice to CMAR, extend this Contract for such additional period or periods as may be required for Project completion.”

TO: “This Contract, as approved by the Board of Supervisors, commences on May 2, 2017 and terminates on September 28, 2018, unless sooner terminated or further extended for Project completion. COUNTY may, with written notice to CMAR, extend this Contract for such additional period or periods as may be required for Project completion.”

CHANGE: ARTICLE 2 – SCOPE OF WORK

Add the following paragraphs:

“K. The parties agree to proceed to the Construction Services Phase 2. The Construction Provisions, Scope of Work and GMP 2 for Phase 2 of Construction are hereby included in Appendix “F-2” to the Contract.

“L. The SBE Goal for GMP 2, Phase 2 is **1.5%** of the total cost of Construction”

CHANGE: Paragraph A of ARTICLE 3 – PRECONSTRUCTION PHASE FEE AND GUARANTEED MAXIMUM PRICE as follows:

FROM: “COUNTY will pay CMAR a Pre-construction Services Fee for Pre-construction Services. The CMAR's Construction Services Fee, plus the cost of the Work (direct construction cost) including CMAR contingency, bonds, insurance and taxes (indirect construction costs) will comprise the GMP(s) to be established in compliance with Appendix “B” Supplemental Provisions – Construction Costing (10 pages), Appendix “C” General Conditions (45 pages), and Appendix “E” – Small Business Enterprise Requirements (2 pages), Appendix “F” GMP 1, Phase 1 (15 pages), and Appendix “F-1” GMP 1, Phase 1 (17 pages). Unless otherwise agreed, CMAR's GMP will include all required sales, use, franchise and other taxes in effect on the date of COUNTY approval of the GMP, as well as all applicable bond and insurance costs.”

TO: “COUNTY will pay CMAR a Pre-construction Services Fee for Pre-construction Services. The CMAR's Construction Services Fee, plus the cost of the Work (direct construction cost) including CMAR contingency, bonds, insurance and taxes (indirect construction costs) will comprise the GMP(s) to be established in compliance with Appendix “B” Supplemental Provisions – Construction Costing (10 pages), Appendix “C” General Conditions (45 pages), and Appendix “E” – Small Business Enterprise Requirements (2 pages), Appendix “F” GMP 1, Phase 1 (15 pages), and Appendix “F-1” GMP 1, Phase 1 (17 pages), and **Appendix “F-2” GMP 2, Phase 2 (16 pages)**. Unless otherwise agreed, CMAR's GMP will include all required sales, use, franchise and other taxes in effect on the date of COUNTY approval of the GMP, as well as all applicable bond and insurance costs.”

CHANGE: Paragraph B of ARTICLE 3 – PRECONSTRUCTION PHASE FEE AND GUARANTEED MAXIMUM PRICE as follows:

FROM: “The Preconstruction Services Phase Fee will not exceed One Hundred Eighty-Three Thousand Three Hundred Sixty-Nine Dollars and Ninety-One Cents (\$183,369.91). CMAR Construction Phase 1 Fee, that includes the Cost of the Work (direct construction cost), CMAR contingency, bonds, insurance and taxes (indirect construction costs) which comprises GMP 1, in the amount of One Million Five Hundred Thirty-Eight Thousand Eight Hundred Ninety-Two Dollars and Fifty-One (\$1,538,892.51) inclusive of Thirty-Seven Thousand Five Hundred Sixty-Three Dollars and Fifty-Two Cents (\$37,563.52) for COUNTY (Owner) contingency is hereby included in Appendix “F-1”. COUNTY's acceptance of GMP 1, Phase 1 is subject to the understanding of the Parties that all other elements of future GMPs, if any, are and remain negotiable.”

TO: “The Preconstruction Services Phase Fee will not exceed One Hundred Eighty-Three Thousand Three Hundred Sixty-Nine Dollars and Ninety-One Cents (\$183,369.91). CMAR Construction Phase 1 Fee, that includes the Cost of the Work (direct construction cost), CMAR contingency, bonds, insurance and taxes (indirect construction costs) which comprises GMP 1, in the amount of One Million Five Hundred

Thirty-Eight Thousand Eight Hundred Ninety-Two Dollars and Fifty-One (\$1,538,892.51) inclusive of Thirty-Seven Thousand Five Hundred Sixty-Three Dollars and Fifty-Two Cents (\$37,563.52) for COUNTY (Owner) contingency is hereby included in Appendix "F-1". **CMAR Construction Phase 2 Fee, that includes the Cost of the Work (direct construction cost), CMAR contingency, bonds, insurance and taxes (indirect construction costs) which comprises GMP 2, in the amount of Two Million Three Hundred Thirty Thousand One Hundred Seventy-Eight Dollars and Eight Cents (\$2,330,178.08) inclusive of One Hundred Ten Thousand Nine Hundred Sixty Dollars and Eighty-Six Cents (\$110,960.86) for COUNTY (Owner) contingency, is hereby included in Appendix "F-2".** COUNTY's acceptance of GMP 2, Phase 2 is subject to the understanding of the Parties that all other elements of future GMPs, if any, are and remain negotiable."

ADD: The following documents to the Contract:

APPENDIX "F-2" – GMP 2, Phase 2 (16 Pages)

APPENDIX "F-2": Construction Manager at Risk (CMAR) Services for Aerospace Parkway Widening GMP-2 Construction of Phase 2, proposal dated January 18, 2018 (16 pages, attached).

This Amendment shall be effective on February 6, 2018.

All other provisions of the Contract, not specifically changed by this Amendment, shall remain in effect and be binding upon the Parties.

IN WITNESS WHEREOF, the Parties have affixed their signatures to this Amendment on the dates written below.

APPROVED:

Chairman, Board of Supervisors

Date

CMAR:



Signature

Andy North Vice President

Name and Title (Please Print)

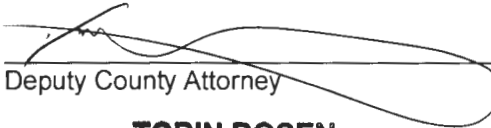
1/22/18

Date

ATTEST:

Clerk of the Board

APPROVED AS TO FORM:



Deputy County Attorney

TOBIN ROSEN

Name (Please Print)

1/19/18

Date

APPENDIX "F-2"

Construction Manager at Risk (CMAR) Services for Aerospace Parkway Widening

GMP 2, Phase 2

Proposal Dated January 18, 2018

(16 pages)



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

GMP #2 - SUMMARY

Pima County Project Management Office
Aerospace Parkway Widening
Pima County Project Number: 4AERO2

GMP#2 - CONSTRUCTION OF PHASE 2 (Raytheon Pkwy/Aerospace Pkwy Intersection)

Dated: January 18, 2018

CONSTRUCTION	AMOUNT
CONSTRUCTION COSTS:	
I. Cost of Construction	\$ 1,653,827.64
II. CMAR Contingency	\$ 82,691.38
SUBTOTAL <i>(Direct Construction Costs)</i>	\$ 1,736,519.02
INDIRECT CONSTRUCTION COSTS:	
III. General Conditions	\$ 76,512.00
IV. Overhead	\$ 168,974.49
V. Railroad Insurance	\$ 2,500.00
VI. General Liability Insurance	\$ 5,992.45
VII. Payment and Performance Bonds	\$ 12,132.25
SUBTOTAL <i>(Direct Cons. Cost + Gen Cond + Overhead + Insurance + Bonds)</i>	\$ 2,002,630.21
VIII. Construction Fee	\$ 99,100.28
SUBTOTAL <i>(Direct Cons. Cost + Gen Cond + Overhead + Insurance + Bonds + Fee)</i>	\$ 2,101,730.49
IX. Arizona Gross Receipts Tax	\$ 117,486.73
GUARANTEED MAXIMUM PRICE (GMP)	\$ 2,219,217.22
OTHER PROJECT COSTS:	
X. Owner's Contingency	\$ 110,960.86
TOTAL CONTRACT COST	\$ 2,330,178.08

For supporting documentation - see also:

Attachment #1 - Schedule of Values

Attachment #2 - Scope of Work

Attachment #3 - Clarifications, Assumptions, and Exclusions to the scope of work

Attachment #4 - Anticipated Construction Schedule

Attachment #5 - Cash-flow Forecast

Attachment #6 - Subcontractor List (w/anticipated SBE Summary)



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #1 - SCHEDULE OF VALUES

GMP#2 - CONSTRUCTION OF PHASE 2 (Raytheon Pkwy/Aerospace Pkwy Intersection)

Dated: January 18, 2018

Line No.	Item No.	Item Description	Unit	Quantity	Unit Cost	Extended Amount
1	I. COST OF CONSTRUCTION - LINE ITEMS					
2	1090010	Fuel Adjustment Allowance	FA	10000	\$ -	\$ -
3	2010004	Preservation Fencing	LF	989	\$ 2.69	\$ 2,660.41
4	2010010	Clearing and Grubbing (Noxious and Invasive Species Control Allowance)	FA	1000	\$ 1.00	\$ 1,000.00
5	2010011	Clearing and Grubbing	ACRE	20	\$ 1,006.01	\$ 20,120.20
6	2020001	Removal of Structures and Obstructions	LS	1	\$ 9,489.72	\$ 9,489.72
7	2020007	Removal of Miscellaneous Concrete	LS	1	\$ 1,007.72	\$ 1,007.72
8	2020029	Removal of Bituminous Pavement	SY	2221	\$ 8.77	\$ 19,478.17
9	2020030	Removal of Bituminous Pavement (2" Milling Aerospace/Raytheon Intersection)	SY	1959	\$ 3.65	\$ 7,150.35
10	2020132	Removal And Salvage Riprap	CY	1044	\$ 24.31	\$ 25,379.64
11	2030300	Roadway Excavation	CY	3091	\$ 22.73	\$ 70,258.43
12	2030401	Drainage Excavation	CY	3907	\$ 5.27	\$ 20,589.89
13	2030405	Drainage Excavation (Detention Basin)	CY	6044	\$ 7.27	\$ 43,939.88
14	2030901	Borrow	CY	16216	\$ 14.75	\$ 239,186.00
15	3030003	Aggregate Base	CY	3665	\$ 31.51	\$ 115,484.15
16	4040111	Tack Coat	TON	6	\$ 869.53	\$ 5,217.18
17	4060001	Asphaltic Concrete (Mix No. 1)	TON	3055	\$ 53.08	\$ 162,159.40
18	4060002	Asphaltic Concrete (Mix No. 2)	TON	2310	\$ 55.89	\$ 129,105.90
19	4060510	Bituminous Material Price Adjustment Allowance	FA	10000	\$ 1.00	\$ 10,000.00
20	5011010	Pipe, Reinforced Concrete, Class II, 18"	LF	221	\$ 86.17	\$ 19,043.57
21	5011022	Pipe, Reinforced Concrete, Class II, 24"	LF	288	\$ 84.85	\$ 24,436.80
22	5014124	Concrete End Section, 18" (ADOT C-13.20)	EACH	1	\$ 1,108.32	\$ 1,108.32



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #1 - SCHEDULE OF VALUES

GMP#2 - CONSTRUCTION OF PHASE 2 (Raytheon Pkwy/Aerospace Pkwy Intersection)

Dated: January 18, 2018

Line No.	Item No.	Item Description	Unit	Quantity	Unit Cost	Extended Amount
23	5014124	Concrete End Section, 24" (ADOT C-13.20)	EACH	2	\$ 1,443.40	\$ 2,886.80
24	5030015	Catch Basin, PAG Std Dtl 308, (Type 3, L=8' ,D=<8')	EACH	1	\$ 6,100.68	\$ 6,100.68
25	5030016	Catch Basin PAG Std Detail 308 (TY 3, L=8, D=<8)(Modified Base)	EACH	1	\$ 6,859.58	\$ 6,859.58
26	5030032	Catch Basin, PC/COT Std. Dtl. 309 (Type 4, Off Road)	EACH	1	\$ 5,833.00	\$ 5,833.00
27	5080001	Flow Management Plan No 1 (Manhole Reconstruction and Adjustments)	LS	1	\$ 4,406.03	\$ 4,406.03
28	5080086	Sewer Pipe 8" (PVC) (System Betterment)	LF	125	\$ 58.19	\$ 7,273.75
29	5090010	Sewer MH Modified (System Betterment)	EACH	1	\$ 3,289.80	\$ 3,289.80
30	5090020	Sewer Manhole, Conc Collar RWRD Std Dtl 211 & 212	EACH	15	\$ 541.57	\$ 8,123.55
31	5090100	Sewer Manhole, Reconstruct (Including Concrete Collar)	LF	97	\$ 484.75	\$ 47,020.75
32	5090110	Sewer Manhole, Adjust (Including Concrete Collar)	EACH	1	\$ 1,778.84	\$ 1,778.84
33	5090140	Sewer Manhole 4' Diameter, RWRD 205 (Including Concrete Collar)	EACH	1	\$ 4,853.60	\$ 4,853.60
34	5090500	Manhole Rehab Coating	SF	1270	\$ 46.30	\$ 58,801.00
35	5101112	Potable Water Pipe, DI, 12" (CL 350)	LF	51	\$ 196.81	\$ 10,037.31
36	5101408	Potable Water Pipe, PVC, 8" (CL200) (Developer Funded)	LF	121	\$ 155.69	\$ 18,838.49
37	5101608	Potable Water Pipe, Copper 2" W/fittings	LF	150	\$ 76.45	\$ 11,467.50
38	5102112	Potable Water, Tapping Sleeve & Valve 12"x8"	EACH	1	\$ 4,093.00	\$ 4,093.00
39	5102208	Potable Water, Gate Valve 8"	EACH	1	\$ 1,193.00	\$ 1,193.00



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #1 - SCHEDULE OF VALUES

GMP#2 - CONSTRUCTION OF PHASE 2 (Raytheon Pkwy/Aerospace Pkwy Intersection)

Dated: January 18, 2018

Line No.	Item No.	Item Description	Unit	Quantity	Unit Cost	Extended Amount
40	5102212	Potable Water, Gate Valve 12"	EACH	1	\$ 2,011.75	\$ 2,011.75
41	5102604	Potable Water, Combo ARV 1"	EACH	2	\$ 2,344.72	\$ 4,689.44
42	5102802	Potable Water, Drain Valve Assembly	EACH	2	\$ 3,010.09	\$ 6,020.18
43	5102803	Potable Water, DVA (Developer Funded)	EACH	1	\$ 2,735.84	\$ 2,735.84
44	5103101	Potable Water, Adjust Existing Valve Box and Cover	EACH	16	\$ 385.96	\$ 6,175.36
45	5105012	Potable Water Pipe, Remove And Dispose 12" & Larger	LF	51	\$ 18.83	\$ 960.33
46	5106012	Potable Water, Connections, 12"	EACH	2	\$ 3,105.98	\$ 6,211.96
47	5108138	Potable Water, Service Line Renewal (S) 2"	EACH	1	\$ 2,243.05	\$ 2,243.05
48	5150004	Relcoate Pull Box (Cox)	EACH	5	\$ 2,688.04	\$ 13,440.20
49	5150005	Utility Potholing, Depth <12'	EACH	15	\$ 423.93	\$ 6,358.95
50	6016087	Concrete Headwall (ADOT SD 6.30-2)	EACH	1	\$ 9,450.45	\$ 9,450.45
51	6016100	Concrete Pipe Collar (ADOT C-13.80)	EACH	4	\$ 820.48	\$ 3,281.92
52	6016201	Transition Structure (PAG Std Dtl 312)	EACH	0	\$ 1,800.00	\$ -
53	6016211	Junction Structure (Dtl D2)	EACH	0	\$ 7,100.00	\$ -
54	7010001	Maintenance and Protection of Traffic	LS	1	\$ 41,542.80	\$ 41,542.80
55	7010007	Construction Area Elements	LS	1	\$ 30,000.00	\$ 30,000.00
56	8100001	AZPDES/NPDES (Original)	LS	1	\$ 22,377.18	\$ 22,377.18
57	8100011	AZPDES/NPDES (Modified)	FA	1	\$ 1.00	\$ 1.00
58	9010001	Mobilization	LS	1	\$ 26,392.80	\$ 26,392.80
59	9080001	Concrete Curb, (PC/COT Std. Dtl. 209) (Type 1)	LF	3406	\$ 10.39	\$ 35,388.34
60	9080090	Concrete Curb Terminal Section (PC/COT Std. Dtl. 212)	EACH	14	\$ 729.60	\$ 10,214.40



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #1 - SCHEDULE OF VALUES

GMP#2 - CONSTRUCTION OF PHASE 2 (Raytheon Pkwy/Aerospace Pkwy Intersection)

Dated: January 18, 2018

Line No.	Item No.	Item Description	Unit	Quantity	Unit Cost	Extended Amount
61	9080201	Concrete Sidewalk	SF	402	\$ 5.10	\$ 2,050.20
62	9080280	Curb Access Ramp, PC/DOT Std. Dtl. 207 (Type I)	EACH	1	\$ 1,717.04	\$ 1,717.04
63	9080283	Curb Access Ramp, ADOT C-05.30 (Type C)	EACH	1	\$ 1,703.48	\$ 1,703.48
64	9080291	Detectable Warning Strip (Pads on Sidewalk, No Ramp)	EACH	6	\$ 485.00	\$ 2,910.00
65	9080502	Concrete Ford Wall (6"x2')	LF	58	\$ 24.40	\$ 1,415.20
66	9090002	Survey Monument (Including Frame and Cover)	EACH	1	\$ 435.96	\$ 435.96
67	9130001	Riprap (Dumped)	CY	43	\$ 77.77	\$ 3,344.11
68	9130002	Rip Rap Place Salvage Dumped	CY	884	\$ 46.68	\$ 41,265.12
69	9130100	Concrete Channel Lining (Drop Inlet)	SY	40	\$ 69.50	\$ 2,780.00
70	9232002	Joint Use Utility Trench (New) (Including 5-4" PVC) (PCIT/ITS)	LF	626	\$ 49.70	\$ 31,112.20
71	9232100	Trench, 2' width, 0-4.9' deep (For Cox Conduit Extension)	LF	145	\$ 46.52	\$ 6,745.40
72	9233055	Relocate No. 9 Handhole/Vault (PC ITS/IT)(5-4" PVC)	EACH	2	\$ 1,065.88	\$ 2,131.76
73	9233056	Remove And Salvage No. 9 Handhole/Vault (PC ITS/IT) (Couple Exist Conduits)	EACH	1	\$ 1,100.56	\$ 1,100.56
74	9233056	Relocate No. 7 Pull Box (PC ITS)(2-4" Spare)	EACH	3	\$ 964.99	\$ 2,894.97
75	9233056	No. 7 Pull Box W/ Extn (PC ITS) (2-4" Spare)	EACH	1	\$ 3,829.64	\$ 3,829.64
76	9236001	Manhole Adjustment To Final Grade (TEP)	EACH	6	\$ 953.73	\$ 5,722.38
77	9250001	Construction Survey & Layout	LS	1	\$ 32,000.00	\$ 32,000.00
78	9260001	Engineer's Field Office	LS	0	\$ 10,350.00	\$ -
79	9290010	Casing Pipe (20") (UPRR)	LF	80	\$ 112.81	\$ 9,024.80
80	9290020	Boring and Jacking (UPRR)	LF	80	\$ 1,143.25	\$ 91,460.00



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #1 - SCHEDULE OF VALUES

GMP#2 - CONSTRUCTION OF PHASE 2 (Raytheon Pkwy/Aerospace Pkwy Intersection)

Dated: January 18, 2018

Line No.	Item No.	Item Description	Unit	Quantity	Unit Cost	Extended Amount
81	9322003	Joint Use Trench (Relocation) (Including 6-4" AND 2-6" PVC)	LF	338	\$ 70.27	\$ 23,751.26
82	9322004	Joint Use Trench (Relocation) (2-4" PVC)	LF	300	\$ 35.88	\$ 10,764.00
83	9322005	Joint Use Trench (Relocation) (3-4" PVC)	LF	160	\$ 42.35	\$ 6,776.00
84	9322006	Joint Use Trench (Relocation) (1-2.5" PVC) (PC IT)	LF	70	\$ 30.36	\$ 2,125.20
85	9330003	Handrail (PAG Std Dtl 105)	LF	32	\$ 237.50	\$ 7,600.00
86						
87		COST OF CONSTRUCTION - LINE ITEMS SUBTOTAL				\$ 1,653,827.64
88	II. CMAR CONTINGENCY					
89		UNFORESEEN CONDITIONS LOD400 PLANS (5% of LINE ITEM SUBTOTAL)	LS	1	\$ 82,691.38	\$ 82,691.38
90		SUBTOTAL A. (DIRECT CONSTRUCTION COSTS)				\$ 1,736,519.02
91	INDIRECT CONSTRUCTION COSTS					
92	III. GENERAL CONDITIONS					
93		CLEAN UP	LS	1	\$ 2,000.00	\$ 2,000.00
94		PORTABLE RESTROOMS	LS	1	\$ 3,500.00	\$ 3,500.00
95		SMALL TOOLS	LS	1	\$ 2,000.00	\$ 2,000.00
96		PERMITS	LS	1	\$ 4,500.00	\$ 4,500.00
97		SUPERINTENDENT	WK	14	\$ 2,574.00	\$ 36,036.00
98		PROJECT ENGINEER	WK	14	\$ 2,034.00	\$ 28,476.00
99		SUBTOTAL B. (III. GENERAL CONDITIONS)				\$ 76,512.00
100		SUBTOTAL C. (DIRECT COSTS + GENERAL CONDITIONS)				\$ 1,813,031.02



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #1 - SCHEDULE OF VALUES

GMP#2 - CONSTRUCTION OF PHASE 2 (Raytheon Pkwy/Aerospace Pkwy Intersection)

Dated: January 18, 2018

Line No.	Item No.	Item Description	Unit	Quantity	Unit Cost	Extended Amount
101		IV. CMAR OVERHEAD (9.32% of Subtotal C)	LS	1	\$ 168,974.49	\$ 168,974.49
102		<i>SUBTOTAL D. (DIRECT COSTS + GENERAL CONDITIONS + OVERHEAD)</i>				\$ 1,982,005.51
103		VIII. CONSTRUCTION FEE (5% of Subtotal D)	LS	1	\$ 99,100.28	\$ 99,100.28
104		V. RAILROAD INSURANCE (Utility Boring)	LS	1	\$ 2,500.00	\$ 2,500.00
105		VI. GENERAL LIABILITY INSURANCE (0.2876% of Subtotal D + V + VIII)	LS	1	\$ 5,992.45	\$ 5,992.45
106		VII. PAYMENT AND PERFORMANCE BONDS	LS	1	\$ 12,132.25	\$ 12,132.25
107		<i>SUBTOTAL E. (SUBTOTAL D + V + VI + VII + VIII)</i>				\$ 2,101,730.49
108		IX. SALES TAX (City of Tucson 8.6% at 65% of Subtotal E)	LS	1	\$ 117,486.73	\$ 117,486.73
109		<i>GUARANTEED MAXIMUM PRICE (GMP)</i>				\$ 2,219,217.22
110		X. OWNER'S CONTINGENCY				
111		UNFORESEEN CONDITIONS - LOD400 PLANS	LS	1	\$ 110,960.86	\$ 110,960.86
112		<i>SUBTOTAL F. (OWNER'S CONTINGENCY)</i>				\$ 110,960.86
113		<i>TOTAL CONTRACT COST</i>				\$ 2,330,178.08

Borderland

CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #2 - SCOPE OF WORK

GMP#2 - CONSTRUCTION OF PHASE 2 (Raytheon Pkwy/Aerospace Pkwy Intersection)

Dated: January 18, 2018

BRIEF DESCRIPTION OF WORK:			
THIS PROJECT CONSISTS OF WIDENING AEROSPACE PARKWAY IN THE GENERAL VICINITY OF THE RAYTHEON PARKWAY INTERSECTION (APPROXIMATE STA.333+55 TO STA.350+00). THIS PROJECT ALSO INCLUDES THE INITIAL MASS EARTHWORK FOR WIDENING AEROSPACE PARKWAY BETWEEN EISENHOWER ROAD AND THE EASTERN PROJECT LIMITS. SEE ATTACHMENT 3 FOR ADDITIONAL EXCLUSIONS AND CLARIFICATIONS			
LIST OF PLANS & SPECIFICATIONS USED FOR GMP			
1	Document:	Prepared By:	Date:
2	AEROSPACE PARKWAY WIDENING: PHASE 2 AEROSPACE PARKWAY GMP2 SUBMITTAL FOR FINAL REVIEW (LOD400 Sheets)	KITTELSON	12/21/17
3	AEROSPACE PARKWAY WIDENING: PHASE 2 AEROSPACE PARKWAY LOD400 GMP2 Cross Sections	KITTELSON	12/21/17
4	AEROSPACE PARKWAY WIDENING: PHASE 2 AEROSPACE PARKWAY GMP2 Bid Item List/Quantity Estimate	KITTELSON	12/21/17
5			
6			
7			
8			
9			
10			

Borderland

CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #3 - CLARIFICATIONS, ASSUMPTIONS, EXCLUSIONS

GMP#2 - CONSTRUCTION OF PHASE 2 (Raytheon Pkwy/Aerospace Pkwy Intersection)

Dated: January 18, 2018

CLARIFICATIONS, ASSUMPTIONS, AND EXCLUSIONS TO THE SCOPE OF WORK:	
1	Clarification: GMP#2 is intended to match the LOD400 plan sheets provided in Kittelson's 12/21/2017 plan submittal. Areas within the 12/21/17 plans that have been grayed out are not included in GMP#2 proposal unless specifically noted below.
2	Clarification: GMP#2 includes the mass earthwork (onsite cut-to-fill and offsite borrow) from Eisenhower Road to the eastern project limits. While these limits are additional to what is shown in the Kittelson 12/21/17 plans, we believe inclusion of the expanded area will increase earthwork activity efficiency and minimize impacts to traveling public and adjacent landowners.
3	Clarification: GMP#2 includes underground utility improvements (JUT, Water, and Sewer) from Nogales Highway to the eastern project limits, as shown in sheets JT01-JT06, SS01-SS13, and 183-198 of Kittelson's 12/21/17 plans submittal. We believe inclusion of these improvements in GMP#2 will ensure earthwork activity efficiency and minimize impacts to traveling public and adjacent landowners.
4	Clarification: GMP#2 includes drainage crossing improvements at pipe crossing numbers 336, 341, and 349 per the Kittelson 12/21/17 plan submittal. These specific storm drain improvements will ensure initial mass earthwork activities can be completed efficiently. All other storm drains and cross drains are excluded from GMP#2 and will be part of a future GMP package.
5	Clarification: Borderland has assumed all onsite excavated materials are suitable for roadway embankments, trench backfill, and borrow. If onsite materials from the Phase 2 project cannot be utilized, there will be additional costs for embankments, trench backfill, and offsite borrow (i.e. import) needed for the project.
6	Clarification: Borrow costs are based on the use of offsite source.
7	Clarification: Borderland has assumed onsite material will be suitable for trench backfill material (excluding bedding, shading) from 1' above pipe to subgrade.
8	Clarification: Item 4060510 - Bituminous Material Price Adjustment Allowance: This allowance is not applicable if paving occurs prior to September 30, 2018. If for some reason beyond our control paving takes place after September 30, 2018 asphalt market conditions may require an escalation in the unit cost for bituminous materials.
9	<i>not used</i>
10	Assumption: As part of boring new utilities under the existing railroad tracks in UPRR ROW, it has been assumed that a UPRR Contractors Right-of-Entry application fee of \$500 will be paid by Borderland. Our GMP#2 also assumes the cost of UPRR insurance and UPRR flaggers during the boring activities. No other UPRR costs (license agreements, fees, etc.) have been included in our proposal - it is assumed those costs (if required) are being negotiated and settled as part of the utility crossing agreement and/or public at-grade crossing agreements between UPRR and Pima County.
11	Assumption: Sales Tax Rate - Assumed City of Tucson rates for GMP #2.

Borderland

CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #3 - CLARIFICATIONS, ASSUMPTIONS, EXCLUSIONS

GMP#2 - CONSTRUCTION OF PHASE 2 (Raytheon Pkwy/Aerospace Pkwy Intersection)

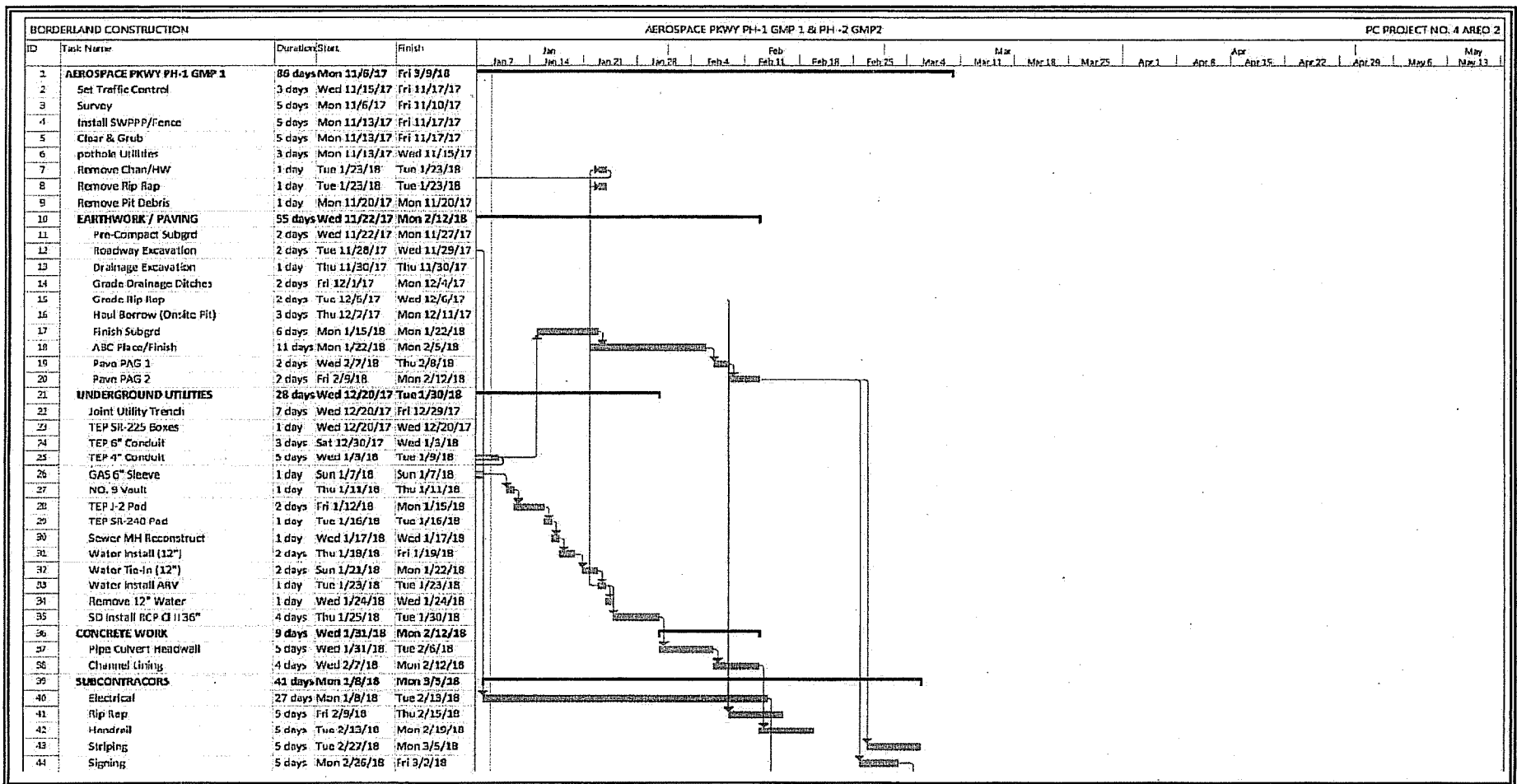
Dated: January 18, 2018

CLARIFICATIONS, ASSUMPTIONS, AND EXCLUSIONS TO THE SCOPE OF WORK:	
12	<i>not used</i>
13	Exclusion: The cost for the bored casing across UPRR does not include annular filling of the casing - it includes conduit spacers only.
14	Exclusion: Borderland has excluded all over excavation and/or compaction/replacement of onsite soils (other than typical subgrade preparation).
15	Exclusion: Borderland is excluding a contractor/owner job trailer for the GMP#2 project.
16	Exclusion: Borderland has not included any costs for QA/QC testing for the GMP#2 project
17	Exclusion: The existing JUT system contains empty conduits, as such the new JUT conduit costs exclude the cost of innerducts (no innerduct were shown in LOD400 plans and/or special provisions to the contrary were not yet provided)



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #4 - ANTICIPATED CONSTRUCTION SCHEDULE
GMP#2 - CONSTRUCTION OF PHASE 2 (Raytheon Pkwy/Aerospace Pkwy Intersection)
 Dated: January 18, 2018



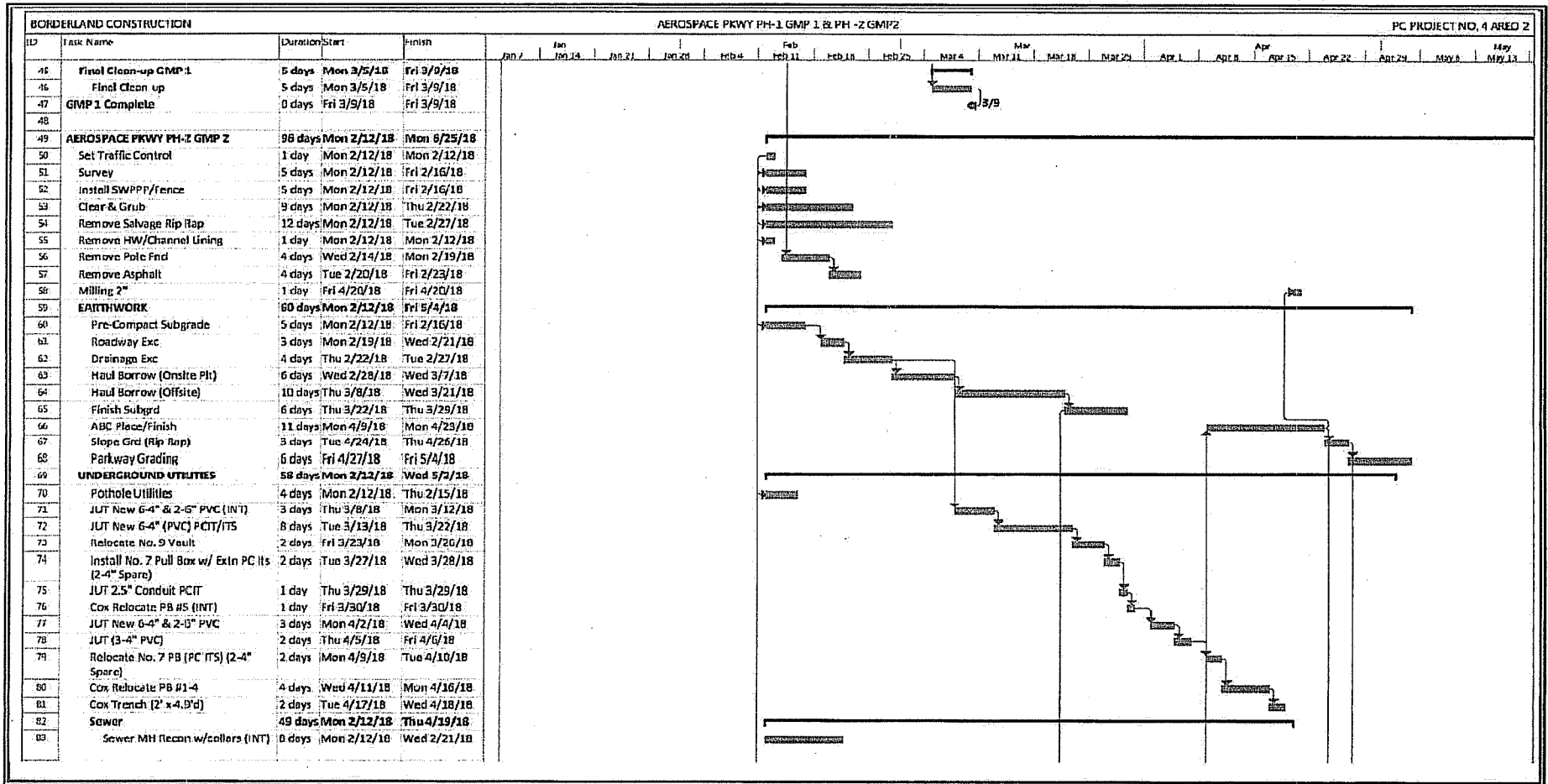


CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #4 - ANTICIPATED CONSTRUCTION SCHEDULE

GMP#2 - CONSTRUCTION OF PHASE 2 (Raytheon Pkwy/Aerospace Pkwy Intersection)

Dated: January 18, 2018



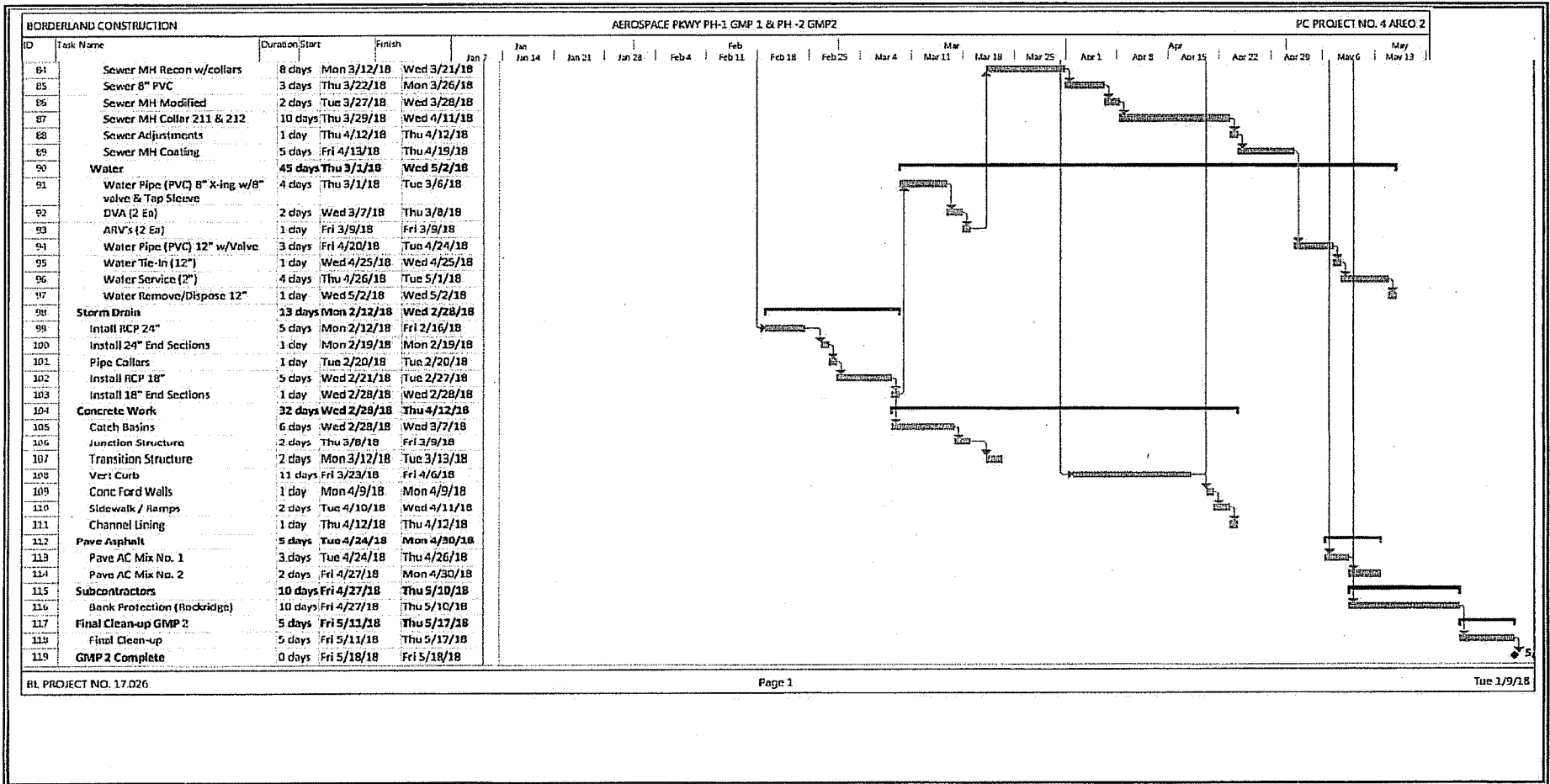


CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #4 - ANTICIPATED CONSTRUCTION SCHEDULE

GMP#2 - CONSTRUCTION OF PHASE 2 (Raytheon Pkwy/Aerospace Pkwy Intersection)

Dated: January 18, 2018



Borderland

CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #5 - CASH-FLOW FORECAST

GMP#2 - CONSTRUCTION OF PHASE 2 (Raytheon Pkwy/Aerospace Pkwy Intersection)

Dated: January 18, 2018

Estimated Monthly Cash-Flow Forecast				
Major Work Items	FY17-18 Work			
	Work Performed: Feb-18	Work Performed: Mar-18	Work Performed: Apr-18	Work Performed: May-18
	To be Invoiced: Mar-18	To be Invoiced: Apr-18	To be Invoiced: May-18	To be Invoiced: Jun-18
Mobilization	\$ 700,000.00			
Traffic Control				
SWPPP				
Removals				
Storm Drain				
Earthwork				
JUT Install		\$ 700,000.00		
Sewer				
Water				
Junction Structure				
Transition Structure				
Vertical Curb				
Rip Rap			\$ 780,000.00	
ABC				
Finish ABC				
Pave PAG 1				
Pave PAG 2				
Sidewalk/Ramps				
Finalize JUT				
Water Tie-in/Service				
Sewer MH/Coating				
Ford Walls				
Channel Lining				
Bank Protection				\$ 39,217.22
Cleanup/ Substantial Completion				
Monthly Subtotals	\$ 700,000.00	\$ 700,000.00	\$ 780,000.00	\$ 39,217.22
Total***	\$2,219,217.22			
*Forecast assumes start of construction on February 12, 2018 - assuming BOS approval of GMP#2 package in February 6, 2018.				
**Estimated amounts reflect anticipated installations/work completed by end of prior month				
***Forecast Total does NOT include unencumbered Owners Contingency amount of \$110,960.86				

Borderland

CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #6 - SUBCONTRACTORS LIST

GMP#2 - CONSTRUCTION OF PHASE 2 (Raytheon Pkwy/Aerospace Pkwy Intersection)

Dated: January 18, 2018

LIST OF ANTICIPATED SUBCONTRACTORS						
	Company	Scope of Work:	Selection Based on:	Anticipated Participation		
				Status (SBE?)	Anticipated Subcontract Value	Anticipated % Participation
1	Rockridge Construction, Inc.	Rip Rap/ Shotcrete	Qualifications and Price	SBE	\$ 33,379.15	1.50%
2	Hunter Guardrail	Handrail	Qualifications and Price	-	\$ 7,600.00	0.34%
3	Gonzales Boring & Tunneling	Boring	Qualifications and Price	-	\$ 60,000.00	2.70%
4	WLB Surveying	Survey	Qualifications and Price	-	\$ 32,000.00	1.44%
5						0.00%
Anticipated Subcontractor Total Value					\$ 132,979.15	5.99%
Anticipated Self-Performance Total Value					\$ 2,086,238.07	94.01%

ANTICIPATED SBE GOAL SUMMARY		
BORDERLAND GMP#2 AMOUNT	=	\$2,219,217.22
PIMA COUNTY SBE PARTICIPATION GOAL - PHASE 2 PROJECT (%)	=	1.50%
SBE GOAL - PHASE 2 (\$)	=	\$33,288.26
Anticipated SBE Participation Total (<i>see subcontractor table above</i>)	=	\$33,379.15
Anticipated SBE Participation Total (%)	=	1.50%
SBE Participation Goal Anticipated to be Met (Yes/No)	=	YES



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 230030

Certificate No. 007239975

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Joseph C. Dhuey, Tina K. Nierenberg, Tina Marie Berger, and Patrick Howey

of the City of Tucson, State of Arizona, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, 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 25th day of May, 2017.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: [Signature]
Robert L. Raney, Senior Vice President

On this the 25th day of May, 2017, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty 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 the corporations 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.



[Signature]
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty 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

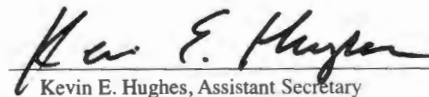
FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing 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 Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty 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, I have hereunto set my hand and affixed the seals of said Companies this 22nd day of January, 2018.


Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.



INCREASE CERTIFICATE

Principal: Borderland Construction Company, Inc.
400 E 38th Street
Tucson, AZ 85713

Bond No. 106656604
License No.
Amount of Bond: \$1,602,203.77
Hereby increased to: \$4,052,440.50

Obligee: Pima County
130 W Congress Street
Tucson, AZ 85701

As of January 22, 2018, the amount of the above described bond is increased from the sum of \$1,602,203.77 to the sum of \$4,052,440.50, but the liability of the Surety for any acts or defaults occurring before the effective date hereof shall in no event exceed the total sum of \$1,602,203.77, and the aggregate liability of the Surety for any acts or defaults, whenever committed, shall in no event exceed the total sum of \$4,052,440.50, it being the intent hereof to preclude cumulative liability. This certificate, when signed by the Principal shall become a part of the said bond.

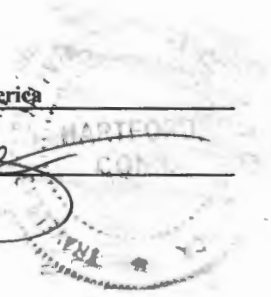
Signed, sealed and dated January 22, 2018

Travelers Casualty and Surety Company of America

By

[Handwritten signature of Patrick Howey]

Patrick Howey
Attorney-in-Fact



I hereby consent to the above increase.

Witness my hand and seal this 23 day of January, 2018

Borderland Construction Company, Inc.

[Handwritten signature of Principal]

(Seal)

Principal

INSTRUCTIONS TO AGENTS - IMPORTANT

Do not deliver this certificate to the Obligee until it has been dated and signed by the Principal. One signed copy must be returned to the Surety.