

SAN ANTONIO

85 N.E. Loop 410 Suite # 600 San Antonio, TX 78216 Ofc (210) 403-2284 Fax (210) 403-2281 www.agcm.com

TO: Dr. Cone,

FROM:

Catherine Blackler

Cotherne Bladden

Superintendent of Schools, LVISD

La Vernia ISD - Bond 2023

Michael Rogers, AGCM

Senior Project Manager, AGCM

cc: Belinda Raindl, LVISD

PR No. 06

DATE:

PR DATE:

June 18, 2025 April 03, 2025

PR COST: \$ 11,133.00

CONTRACTOR:

Bartlett Cocke (RCO 15)

Dear Dr. Cone,

RE:

SUBJECT:

Bartlett Cocke (BC) submitted pricing to address the cavity discovered at the Primary/Intermediate bus drive. The corrective work, outlined in PR No. 06 dated April 3, 2025, is proposed at a total cost of <u>ELEVEN THOUSAND ONE HUNDRED THIRTY-THREE</u> DOLLARS AND 00/100 (\$11,133.00).

AGCM performed a detailed review of the scope, verified quantities, and confirmed allowable markups to ensure alignment with the contract documents and the revised scope of work. The pricing reflects the most recent updates and responses. Funding for these changes will be drawn from the contingencies within the GMP and will not require a Change Order to the contract.

1. SOURCE of SCOPE CHANGE:

a. PRIMARY / INTERMEDIATE

- A subsurface cavity was discovered beneath the Primary/Intermediate bus drive.
- The void is estimated to be approximately 8' x 8' x 8'.
- The existing concrete drive is 7" thick.
- The full extent of the conditions is currently unknown.
- This PR is to saw-cut the concrete drive and haul off spoils.
- Exposed cavity and fill with flowable fill.
- Set rebar for new concrete slab, and pour back with 5,000 psi concrete

Additional investigation will be conducted once the drive is opened to determine the full extent of the damage. If conditions extend beyond what was originally quoted, the team will assess the situation and determine the necessary corrective actions.

3. TRADE PARTNERS PRICING:

i. RTM Construction LTD

Utilities

11,133.00

4. FUNDING SOURCE:

a. GMP – Owner Contingency

<11,133.00>

5. PROJECTED CONTINGENCY (After PR Approval):

a. GMP – Owner Contingency

1,409,884.54

Based on this analysis, AGCM has no objections to the cost, or the supporting documentation as submitted. If you have any questions or require further information, please let me know.



Professional Project Management Firm

Sincerely, **AGCM, Inc.**

Catherine Bladden

Catherine Blackler Senior Project Manager

Attachment: PR 06 - RCO 15 Bartlett Cocke

/cb

Request for Change Order



La Vernia ISD 2023 Bond Projects (231091)		No. RCO0015					
			Printed: May 12, 2025 ✓				
PR#6 - Unforeseen Cavity Fill	at PKG 1 Bus Drive	Date	2025-05-12				
Pending Review		Days Impa	act:				
Vork			Correct. TBD upon final investigation				
n-sunken pavement. OM, subcontractor has qualified is not included in this pricing as any damage to the existing Storraced to be blocked off from traffications.	as found in the RCO. the test type was neve mwater piping this wor c.	er specified ma rk is estimated	iking it not quantifiable.				
	Owner Contingency		-1 <mark>1,133.00</mark> 🗸				
			\$0.00				
:	A	pproved:					
Bartlett Cocke General Contractors LLC			Pfluger Architects, Inc				
nter 1. Pylml er Ragland; Asst. Project N 025							
	PR#6 - Unforeseen Cavity Fill Pending Review Vork ction of existing bus drive adjace age. (Repair is not included in the ide of cavity under bus drive at son-sunken pavement. DM, subcontractor has qualified is not included in this pricing as any damage to the existing Stormed to be blocked off from traffied to be funded from the owner's I ction LTD General Contractors LLC Lyll er Ragland; Asst. Project Metals and the contract of the c	PR#6 - Unforeseen Cavity Fill at PKG 1 Bus Drive Pending Review Vork Stion of existing bus drive adjacent to existing storm in age. (Repair is not included in this pricing and will need do for cavity under bus drive at storm inlet. Dowel in a n-sunken pavement. DM, subcontractor has qualified as found in the RCO. is not included in this pricing as the test type was never any damage to the existing Stormwater piping this work need to be blocked off from traffic. I Description Utilities Owner Contingency General Contractors LLC Pfinal L. Ly L. er Ragland; Asst. Project Manager By	PR#6 - Unforeseen Cavity Fill at PKG 1 Bus Drive Pending Review Days Imp Vork Stion of existing bus drive adjacent to existing storm inlet where concage. (Repair is not included in this pricing and will need to be reevaluate of cavity under bus drive at storm inlet. Dowel in a pour new concassunken pavement. DM, subcontractor has qualified as found in the RCO. Is not included in this pricing as the test type was never specified may damage to the existing Stormwater piping this work is estimated need to be blocked off from traffic. It is do not be funded from the owner's contingency allowance I Description Utilities Owner Contingency Approved: General Contractors LLC Pfluger Architects May Lay Lay Lay Lay Lay Lay Lay Lay Lay L				

AGCM PR REVIEW No Exceptions Taken

06/06/2025 10:54:28 AM

atherine Blackler



RTM Change Order # 24-122-CO-06 R1

JOB NAME: LVISD DATE: 5.12.2025

DESCRIPTION: PR#6 PKG 1 Bus Drive Unforeseen Cavity Fill

			Takeoff		Labor &	M	laterial &	Т	otal Unit		
Bid Item	Bid Description	Units	Quantity	E	quipment		Sub		Cost	Bid Total	_
	Utilities Adds Storm										-
10	Sawcut	SF	46			\$	16.30	\$	16.30	\$ 749.80	✓
20	Operator	HR	8	\$	65.00			\$	65.00	\$ 520.00	✓
30	Hoe Ram	Day	1	\$	1,750.14			\$	1,750.14	\$ 1,750.14	✓
40	Fill in Void w/ Excavatable Flowable Fill	Yard	5			\$	148.26	\$	148.26	\$ 741.30	✓
50	12" Rebar Dowels	EA	20		28		19	\$	47.00	\$ 940.00	V
60	No. 4 Rebar Mat	LS	1	\$	811.73	\$	446.18	\$	1,257.91	\$ 1,257.91	✓
70	6" Thick 5,000 PSI	CY	1.5	\$	375.00	\$	776.22	\$	1,151.22	\$ 1,726.83	V
80	Steel Delivery	LS	1			\$	250.00	\$	250.00	\$ 250.00	~
90	Haul Off Spoils	Load	1	\$	385.00			\$	385.00	\$ 385.00	✓
100	Mobilization/demobilization	EA	2	\$	900.00			\$	900.00	\$ 1,800.00	V
								(1	Sub-Total	\$10,120.98 \$1,012.10	▲
									Total:	\$11,133.0 8	-\$11,133.

Note:

V	1.) Any modification or repairs to pipe, or storm
	structure or unforeseen underground utility is subject
	to extra work change order or times and material

- 2.) If no damage is found void shall be filled with flowable fill to final elevation
- 3.) Storm drain testing of any kind is excluded from this change order and is to be discussed
- 4.) Cement to be 5000 PSI

RTM Signature:	
Date:	
Responsible Party Signature:	
Date:	•

Pricing, material cost and unit rates are subject to change, if this document is not signed and approved by responsible party 30 businesses days after issued date above.





Concrete Mix Submittal

Submittal Information

Submittal Name LVISD- JR HIGH AND HIGHSC

Date Submitted 03/13/2025

Customer RTM CONSTRUCTION CO., L'
Project Name LVISD- JR HIGH AND HIGHSC

Mix Information

Mix ID 8547501L

Mix Name 5 SK, 50% ASH, FLOW LP

Compressive Strength (f'c) 200 psi @ 28 Days

Air Entrained Yes

Use FLOWABLE FILL

Mix Properties

Slump 7-9\8 Sack Content 5.00 94 lb/sack **Total Mass** 3138 lb 15-23\18 **Total Water** 35.00 gal **Total Volume** 27.00 ft3 Air W/CM Ratio 0.62 Water/Sack 7.00 gal Unit Weight 116.22 lb/ft3

Group	Material Description	Supplier	Absorption	Specific Gravity	Mass	Volume
Cement	CEMENT	Capitol Aggregates		3.09	235	1.219
Additive	FLY ASH - F	Boral		2.3	235	1.637
Aggregate	RIVER SAND	Multisources		2.61	2374	14.578
Water	WATER			1	292	4.679
Admixture	X-15 Range: 3-15 fl oz/100 lb CM	Euclid Chemical		1	1.531	0.02454
	AIR ENTRAINING AGENT Range: 0.1-4 fl oz/yd3	Euclid Chemical		1	0.123	0.00196
Air	Air					4.860

Mix Notes

Tex-Mix Concrete has no knowledge or authority regarding where this mix is to be placed therefore it is the responsibility of the project architect/engineer, and or contractor to ensure that the above designed mix parameters of compressive strength, water cement ratio, binder content, and air content, are appropriate for the anticipated environmental conditions (ie. ACI-318 chapter 4, and local building codes).

Tex-Mix Concrete guarantees the submitted mix design will achieve the required minimum specified compressive strength if the test specimens are made, cured, and tested in strict accordance with all applicable standards by a certified technician.

Chemical admixtures are dosed in accordance with the manufacturers recommendations and may be adjusted to compensate for ambient conditions.

Submittal Notes

Contact Jacob Rodriguez

Phone

Email jacob@texmix.com





Concrete Mix Submittal

Submittal Information

Submittal Name LVISD- JR HIGH AND HIGHSC

Date Submitted 03/13/2025

Customer RTM CONSTRUCTION CO., L

Project Name LVISD- JR HIGH AND HIGHSC

Mix Information

Mix ID C1061200

Mix Name 6.5 SACK 20% ASH NO AIR

Compressive Strength (f'c) 5000 psi @ 28 Days

Air Entrained No

Use 5000 PSI

Mix Properties

Slump 4-6\5 Sack Content 6.49 94 lb/sack **Total Mass** 3906 lb **Total Water** 31.05 gal **Total Volume** 27.00 ft3 Air 0-3\2 W/CM Ratio 0.42 Water/Sack 4.78 gal Unit Weight 144.69 lb/ft3

Material Description	Supplier	Absorption	Specific Gravity	Mass	Volume
CEMENT	Capitol Aggregates		3.09	488	2.531
FLY ASH - CLASS C	Eco Material		2.7	122	0.724
1" LIMESTONE ROCK	Cemex		2.55	1775	11.155
RIVER SAND	Multisources		2.61	378	2.320
MANUFACTURED SAND	Cemex		2.55	883	5.547
WATER			1	259	4.151
X-15	Euclid Chemical		1	1.988	0.03185
Range: 3-15 fl oz/100 lb CM					
Air					0.540
	CEMENT FLY ASH - CLASS C 1" LIMESTONE ROCK RIVER SAND MANUFACTURED SAND WATER X-15 Range: 3-15 fl oz/100 lb CM	CEMENT Capitol Aggregates FLY ASH - CLASS C Eco Material 1" LIMESTONE ROCK Cemex RIVER SAND Multisources MANUFACTURED SAND Cemex WATER X-15 Euclid Chemical Range: 3-15 fl oz/100 lb CM	CEMENT Capitol Aggregates FLY ASH - CLASS C Eco Material 1" LIMESTONE ROCK Cemex RIVER SAND Multisources MANUFACTURED SAND Cemex WATER X-15 Euclid Chemical Range: 3-15 fl oz/100 lb CM	CEMENT Capitol Aggregates 3.09 FLY ASH - CLASS C Eco Material 2.7 1" LIMESTONE ROCK Cemex 2.55 RIVER SAND Multisources 2.61 MANUFACTURED SAND Cemex 2.55 WATER 1 X-15 Euclid Chemical 1 Range: 3-15 fl oz/100 lb CM Image: 3-15 fl oz/100 lb CM	Gravity CEMENT Capitol Aggregates 3.09 488 FLY ASH - CLASS C Eco Material 2.7 122 1" LIMESTONE ROCK Cemex 2.55 1775 RIVER SAND Multisources 2.61 378 MANUFACTURED SAND Cemex 2.55 883 WATER 1 259 X-15 Euclid Chemical 1 1.988 Range: 3-15 fl oz/100 lb CM Image: 3-15 fl oz/100 lb CM Image: 3-15 fl oz/100 lb CM

Mix Notes

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Tex-Mix Concrete guarantees the submitted mix design will achieve the required minimum specified compressive strength if the test specimens are made, cured, and tested in strict accordance with all applicable standards by a certified technician.

Chemical admixtures are dosed in accordance with the manufacturers recommendations and may be adjusted to compensate for ambient conditions.

Submittal Notes

Contact

Jacob Rodriguez

Phone

Email jacob@texmix.com



Concrete Mix Evaluation Report

ACI 318 Required Average Strength

Mix ID

Number Of Tests 30 Average Strength 5785 psi

Design Strength (f'c) 5000 psi @ 28 Days

St Dev 406 psi

Required Strength (f'cr) 5540 psi @ 28 Days

St Dev (Modified) 406 psi

	Temp (Concrete)	Slump	Comp Strength (3-Day)	Comp Strength (7-Day)	Acceptance Strength (28-Day)	
Test Date	(°F)	(in)	(psi)	(psi)	(psi)	(psi)
02/01/2024	55	5.25		4370	5380	
02/01/2024	55	4.25		4460	5170	
02/01/2024	55	5		3920	5070	5207
02/07/2024	67	5.25		3670	5580	5273
02/09/2024	65	6.25	3110	4410	5480	5377
02/15/2024	54	7.25		4810	6370	5810
02/15/2024	54	7.5		4670	6020	5957
02/15/2024	54	7.25		4920	5900	6097
02/15/2024	55	7.5		4130	5270	5730
02/29/2024	74	6		4330	5780	5650
03/01/2024	75	6		4880	6380	5810
03/04/2024	62	6.75		4770	5980	6047
03/07/2024	74	5.75		3760	5590	5983
03/08/2024	73	8	4450	5440	6030	5867
03/08/2024	70	5		4790	6340	5987
03/08/2024	71	4.75		4350	6120	6163
03/08/2024	70	4		4680	6430	6297
03/26/2024	75	5		4410	5430	5993
03/26/2024	78	5.5		4750	5360	5740
04/05/2024	77	5		4820	5950	5580
04/12/2024	82	6		4350	5240	5517
04/12/2024	80	5.5		4260	5900	5697
04/12/2024	78	5.75		4360	5580	5573
04/15/2024	54	7		4020	5540	5673
04/19/2024	75	6.5		4300	6100	5740
04/20/2024	75	6		4730	5930	5857
05/02/2024	74	5.5		4580	6210	6080
05/02/2024	69	7.5		4850	5360	5833
05/02/2024	73	5.75		5600	6370	5980
05/02/2024	68	6		5370	5680	5803

Proposal Request

PROJECT: (name and address)CONTRACT INFORMATION:Architect's Project Number: 22-075La Vernia ISD 2023 Bond 22-075Contract For:Proposal Request Number: 6

Date: Proposal Request Date: April 03, 2025

04-03-2025

OWNER: (name and address)ARCHITECT: (name and address)CONTRACTOR: (name and address)La Vernia ISDPfluger ArchitectsBartlett Cocke General Contractors

13600 US Highway 87 W 200 E. Grayson Street 8706 Lockway

La Vernia, TX 78121 San Antonio, TX 78215 San Antonio, TX 78217

The Owner requests an itemized proposal for changes to the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein. The Contractor shall submit this proposal within Fourteen (14) days or notify the Architect in writing of the anticipated date of submission.

(Insert a detailed description of the proposed modifications to the Contract Documents and, if applicable, attach or reference specific exhibits.)

Concrete paving removal, utility assessment and repair, cavity fill (flowable fill), and new concrete paving at driveway between Intermediate school and Primary school. Provide a Rough Order Magnitude (R.O.M.) not to exceed price based on the scope outlined in the PR Attachments.

PR # 6 (pages 1 thru 6), attached.

THIS IS NOT A CHANGE ORDER, A CONSTRUCTION CHANGE DIRECTIVE, OR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED IN THE PROPOSED MODIFICATIONS.

REQUESTED BY THE ARCHITECT

ARCHITECT (Signature)

BY: Braden Haley, AIA

(Printed name, title, and license number if required)

CAMPUS / CONSTRUCTION COORDINATION



To: Dr. Cone From: Catherine Blackler Cothere Blackler

Superintendent of Schools - LVISD Senior Project Manager, AGCM

cc: Belinda Raindl, LVISD Garrett Martin, AGCM

Brandon Mills, LVISD Michael Rogers, AGCM

Braden Haley, Pfluger Architect
Stacey Weichert, Pape Dawson
Christian Cortes, BCGC
Leache Marsles, ACCM

Jacobo Morales, AGCM Alex Ragland, BCCG

RE: LVISD – Bond 2023 **Date:** 02/06/2025

SUBJECT: Unforeseen Condition: Primary / Intermediate - Void beneath the Concrete Drive

Dear Dr. Cone,

Bartlett Cocke notified AGCM today of an unforeseen condition. A void was observed beneath the concrete drive between the Primary (PRI) and the Intermediate (INT) areas. The cavity is located at the middle inlet box installed in front of the entry to the mechanical yard.

CURRENT CONDITIONS OBSERVED

- Expansion Joint: An expansion joint runs along the center of the concrete driveway.
- **Inlet Boxes Positioning:** The north and south inlet boxes are positioned up against the expansion joint.
- **Middle Inlet Box:** The middle inlet box is installed approximately 2" (+/-) from the expansion joint, creating a gap between the inlet box and the joint.
- **Concrete Encasing:** It appears that the original concrete poured did not fully encase the inlet box or properly align with the expansion joint, resulting in a gap that seems to have been filled with a concrete-like material.
- **Slab Thickness:** The slab appears to be approximately 7" thick (+/-).
- Inlet Box Dimensions: The inlet box measures approximately 2' 7" outside to outside and has a depth of approximately 5' 4".
- **Slab Condition:** No visible fractures were observed on the top of the slab.

ADDITIONAL CONDITIONS OBSERVED

• **Base Erosion:** The base beneath the concrete driveway has eroded, likely contributing to the failure of the concrete patch.

CAMPUS / CONSTRUCTION COORDINATION



- **Utility Camera Inspection:** A site utility camera was used to determine the size of the cavity. However, the exact area of the cavity remains unknown until further exploration is conducted.
- Cavity Estimation: Based on what could be assessed, the estimated area of the cavity is assumed to be approximately 50-54 square feet, with a depth ranging from 3'- 5' (+/-).

IMMEDIATE ACTION

• **Steel Plate Installation:** Bartlett Cocke provided a 5' x 5' x ¾" steel plate, positioned over the area where the cavity is anticipated.

CORRECTIVE ACTION

The design team has the final consideration and approval of the corrective action. However, Bartlett Cocke has provided the following feedback for consideration:

- Saw Cutting: Saw cut the concrete driveway (refer to the attached plan for location and approximate size).
- **Expose the Cavity:** Expose the cavity to assess the extent of the issue.
- Water Testing: Conduct water testing on the storm line/area to determine the cause of the initial erosion.
- Cavity Fill: Fill the cavity with flowable fill up to the level of the concrete driveway.
- **Concrete Work:** At a later stage, during concrete site work, revisit the area to remove 6"/7" of the flowable fill, dowel into the existing slab, add rebar and pour the new concrete according to the strength specifications approved by the design team.
- **Timing:** Bartlett Cocke anticipates performing the corrective work over Spring Break to minimize impact on bus routes. Further discussion with the district and campus is necessary.

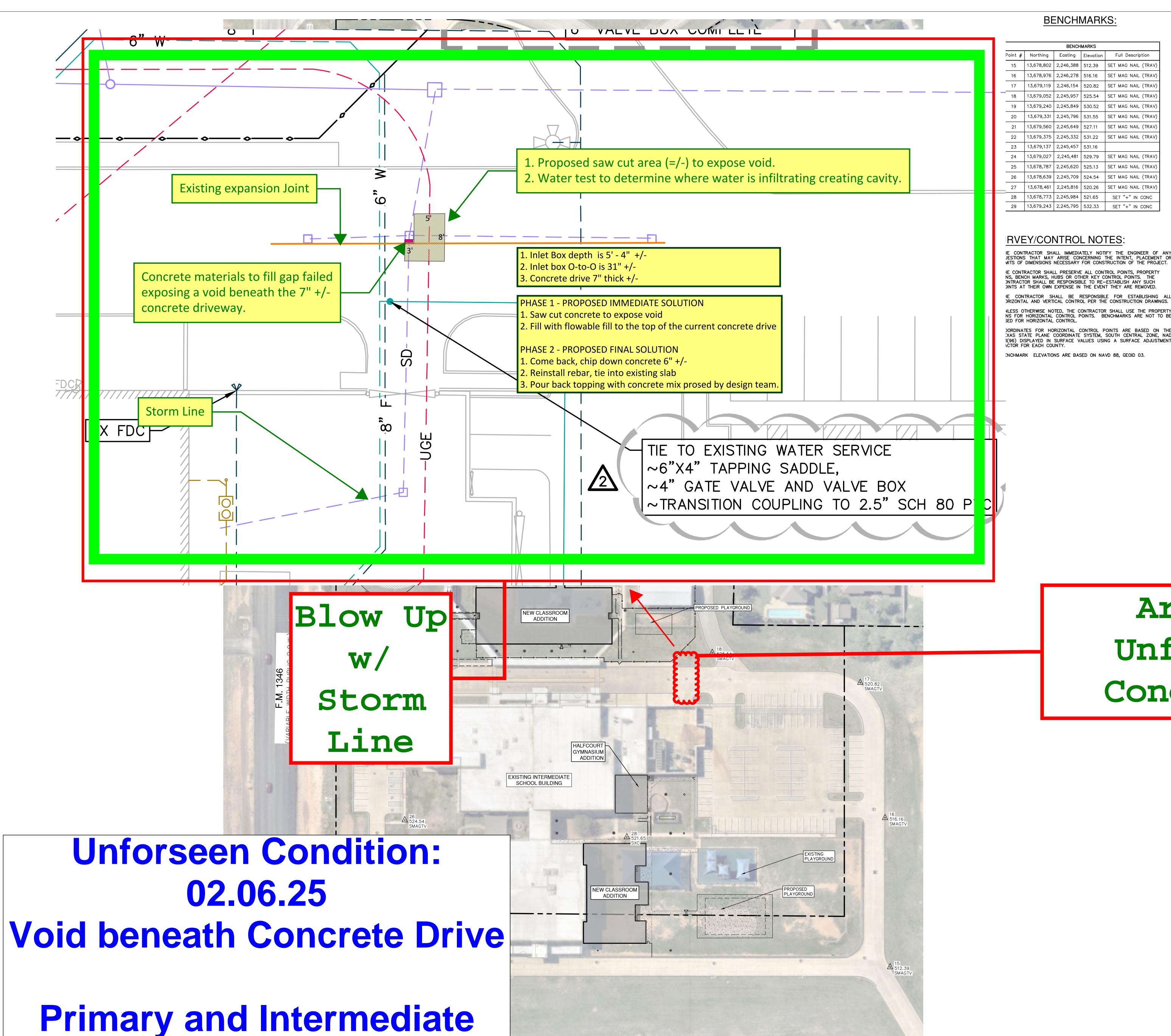
SUMMARY

For the record, I will ask Bartlett Cocke to document their assessment through the RFI process and engage the design team to assess the situation and provide input on the proposed solution as soon as possible. The district will be kept informed throughout the process.

As this is an unforeseen condition, the associated costs will likely need to be covered by the owner's contingency within the GMP.

Attachment: (1) PRI / INT: Void at Concrete Drive Locations

/cb



THIS DOCUMENT HAS BEEN PRODUCED FROM MATERIAL THAT WAS STORED AND/OR TRANSMITTED ELECTRONICALLY AND MAY HAVE BEEN INADVERTENTLY ALTERED. RELY ONLY ON FINAL HARDCOPY MATERIALS BEARING THE CONSULTANT'S ORIGINAL SIGNATURE AND SEA

BENCHMARKS:

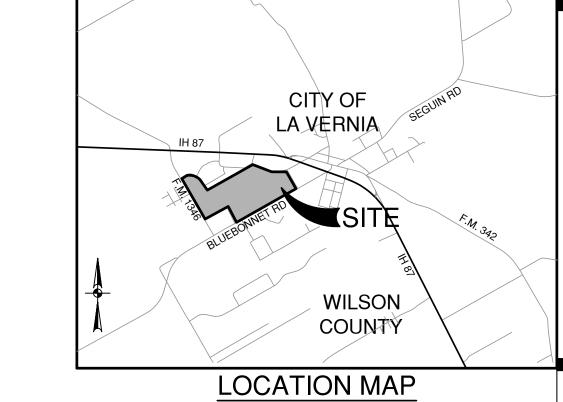
BENCHMARKS								
Point #	oint # Northing Easting Elevation Full Description							
15	13,678,802	2,246,388	512.39	SET MAG NAIL (TRAV)				
16	13,678,976	2,246,278	516.16	SET MAG NAIL (TRAV)				
17	13,679,119	2,246,154	520.82	SET MAG NAIL (TRAV)				
18	13,679,052	2,245,957	525.54	SET MAG NAIL (TRAV)				
19	13,679,240	2,245,849	530.52	SET MAG NAIL (TRAV)				
20	13,679,331	2,245,796	531.55	SET MAG NAIL (TRAV)				
21	13,679,560	2,245,649	527.11	SET MAG NAIL (TRAV)				
22	13,679,375	2,245,332	531.22	SET MAG NAIL (TRAV)				
23	13,679,137	2,245,457	531.16					
24	13,679,027	2,245,481	529.79	SET MAG NAIL (TRAV)				
25	13,678,787	2,245,620	525.13	SET MAG NAIL (TRAV)				
26	13,678,639	2,245,709	524.54	SET MAG NAIL (TRAV)				
27	13,678,461	2,245,816	520.26	SET MAG NAIL (TRAV)				
28	13,678,773	2,245,984	521.65	SET "+" IN CONC				
29	13,679,243	2,245,795	532.33	SET "+" IN CONC				

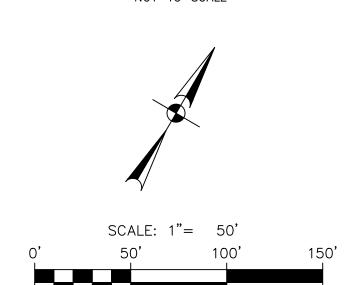
RVEY/CONTROL NOTES:

IE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY JESTIONS THAT MAY ARISE CONCERNING THE INTENT, PLACEMENT OR MITS OF DIMENSIONS NECESSARY FOR CONSTRUCTION OF THE PROJECT. IE CONTRACTOR SHALL PRESERVE ALL CONTROL POINTS, PROPERTY NS, BENCH MARKS, HUBS OR OTHER KEY CONTROL POINTS. THE INTRACTOR SHALL BE RESPONSIBLE TO RE-ESTABLISH ANY SUCH

HE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING ALL DRIZONTAL AND VERTICAL CONTROL PER THE CONSTRUCTION DRAWINGS. NLESS OTHERWISE NOTED, THE CONTRACTOR SHALL USE THE PROPERTY NS FOR HORIZONTAL CONTROL POINTS. BENCHMARKS ARE NOT TO BE

3(96) DISPLAYED IN SURFACE VALUES USING A SURFACE ADJUSTMENT ACTOR FOR EACH COUNTY. ENCHMARK ELEVATIONS ARE BASED ON NAVD 88, GEOID 03.

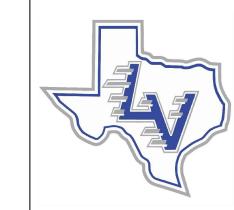




LEGEND

PROPERT
EXISTING
LIMITS O

RTY LINE G CONTOUR OF CONSTRUCTION EXISTING CURB



Area of Unforseen Conditions

> BY PERIODIC WATERING OR OTHER APPROVED MEANS. REFERENCE QUESTIONS THAT MAY ARISE CONCERNING THE INTENT, PLACEMENT OR

> IRRIGATION FACILITIES, AND GAS LINES. ANY UTILITY CONFLICTS THAT ARISE SHALL BE COMMUNICATED TO THE ENGINEER IMMEDIATELY AND PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT 1—800—DIG—TESS A MINIMUM OF 48 HOURS PRIOR TO THE START OF AT THE CONTRACTORS SOLE EXPENSE WHETHER THE UTILITY IS SHOWN

BE PROVIDED TO GAS VALVES AT ALL TIMES. THE CONTRACTOR MUST



REVISIONS:

OVERALL SITE PLAN

PAPE-DAWSON ENGINEERS

C1.00





