

AGENDA ITEM 24

Discuss and take appropriate action concerning proposed change order from Workman Corporation concerning Parking Lot #2 repairs in the amount of \$23,500.00.

Moved: **Commissioner Boatright**

Seconded: **Commissioner Limmer**

Motion: To approve change order from Workman Corporation concerning Parking Lot #2 repairs in the amount of \$23,500.00.

Vote: **5 - 0**

< Attachment >



PROPOSED CHANGE ORDER
No. 00074

TITLE: *Parking Lot #2 Repairs*

DATE: 3/13/2003

PROJECT: Williamson County Regional Park

JOB NO.: 2210

TO: Land Strategies Inc.
1010 Land Creek Cove
Suite 100
Austin, TX 78746

CONTRACT DATE: 4/9/2002

WORKMAN CORPORATION
3735 Promontory Point Drive
Austin, Texas 78744

ATTN: Paul Linehan

512 326-9293 512 447-8156 FAX

DESCRIPTION OF PROPOSAL

This change incorporates the additional work performed in Parking Lot #2 at the Williamson County Regional Park project. Sub-surface or groundwater was found to be in the general area of Parking Lot #2 after initial paving was constructed. This change includes the additional work to bridge this pre-existing condition. This change includes: all labor, material, equipment, supervision and incidentals to excavate the hotmix and flexible base in the failed areas, approximately 5400 square feet; install approximately 6" of 3/4"-1-1/2" washed river rock; #4 reinforcing bars on 16" O.C.E.W.; and 6" of concrete. Approximately 250 lineal feet of 4" perforated PVC pipe was installed on the north side of Parking Lot #2 to act as a french drain. Please see attached.

Item	Description	Quantity	Units	Unit Price	Subtotal	Fee %	Fee	Net Amount
00001	French Drain @ North side of Parking area	1.000	ls	\$2,200.00	\$2,200.00	0.00	\$0.00	\$2,200.00
00002	Remove flexible base to subgrade	5400.000	sqft	\$1.00	\$5,400.00	0.00	\$0.00	\$5,400.00
00003	3/4"-1-1/2" washed river rock	70.000	cuyd	\$15.00	\$1,050.00	0.00	\$0.00	\$1,050.00
00004	Concrete Paving with steel reinforcing	5400.000	sqft	\$2.75	\$14,850.00	0.00	\$0.00	\$14,850.00

TOTAL: **\$23,500.00**

The approval of this Proposed Change Order constitutes authorization to proceed with the work herein.

Sales Tax Exempt

SUBMITTED BY:

By: 
Marc Shepard

approved 4-1-03
John C. Daerfler

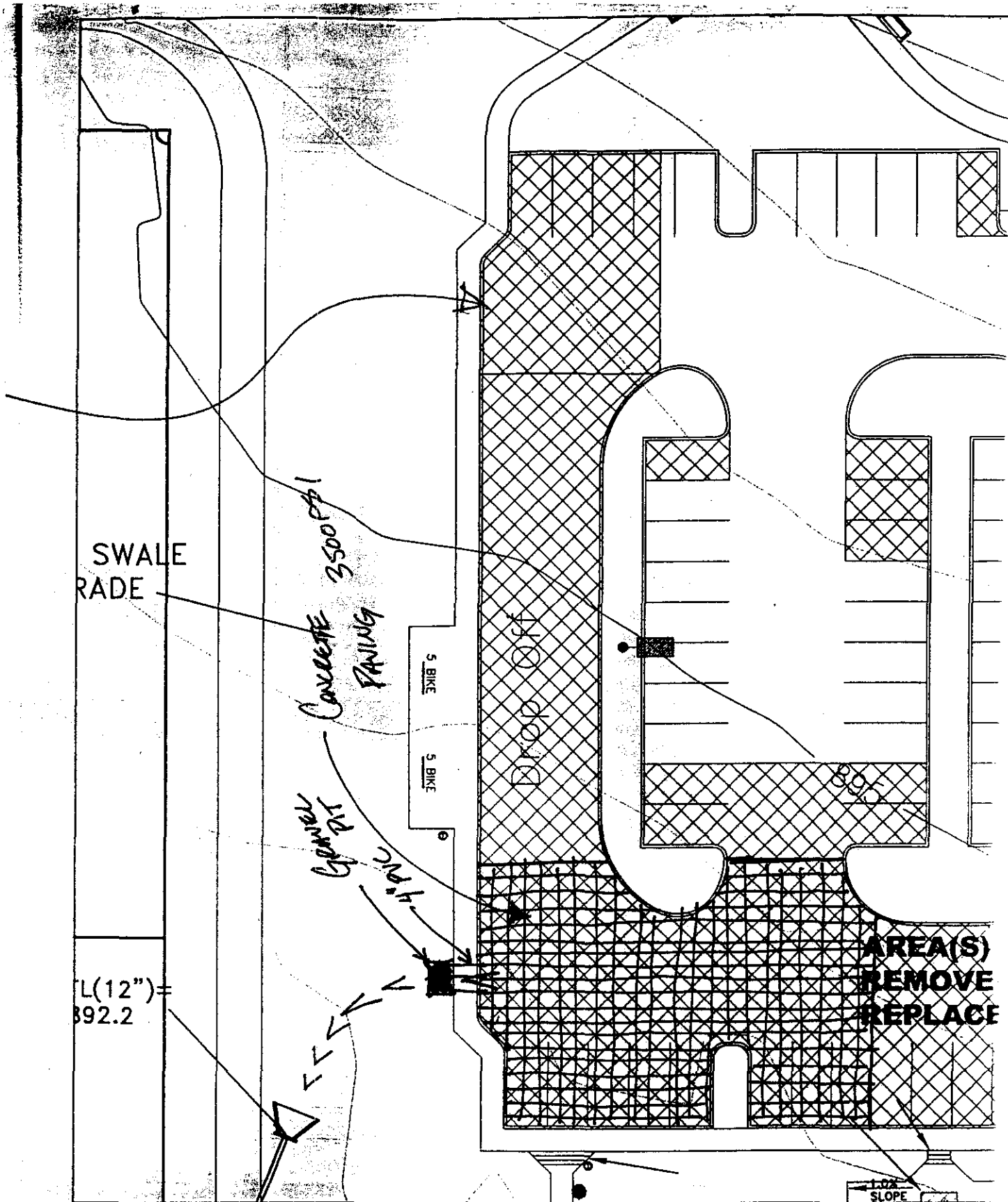
APPROVED BY:

By: _____
Paul Linehan

Date: 3/18/03

Date: _____

ALL OTHER AREAS TO BE RE-PAVED WITH HOT MIX (TYP)





RANGER Excavating

5222 Thunder Creek Rd #B1 Austin, Texas 78759 / (512) 331-5551 Fax (512) 343-9618

MEMORANDUM

DATE : January 29, 2003

TO: Marc Shepard

FAX 238.0925 *decayed*

FROM: Mark McKenzie

c/o 326.3219

RE: Williamson County Regional Park

SUBJECT: Parking Lot #2 Pavement Failures

Marc,

As observed during this morning's meeting, the failures are the result of groundwater or water from another source saturating the pavement section. We have excavated the four most severe failures, and found substantial groundwater infiltration. HBC Geotechnical Engineering will have an initial report from his visit, available as quickly as possible. (*Attached 2/3*)

By the end of the day today, as you witnessed, the subgrades were all wet, with more than 2" of water standing in some areas.

All of the excavated areas were found to have the appropriate paving sections installed, confirming that none of these failures were due to any defective workmanship or materials.

Please provide direction as to how we should proceed, as quickly as possible. Clearly all work associated with these failures will be additional cost Change Order work. To help minimize the cost impact of this work, we will not perform any further demolition, until directed to do so. It is likely that once the groundwater problem is resolved, the portions of this parking area that have not failed will perform without further complications.

Feel free to contact me with any questions or comments. Thank you.

Fr. Jan B. HBC

FEB 03 14:34

429 P01

5123439618 RANGER EXCAVATING

*Refer 2/3
ATTN: KYLE*

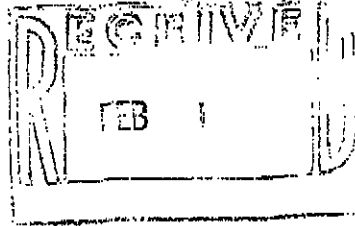
January 31, 2003

Mr. Mark McKenzie
 Ranger Excavating
 5222 Thunder Creek Road #B1
 Austin, Texas 78759

**HBC
 Terracon**

5307 Industrial Oaks Boulevard, Suite 160
 Austin, Texas 78735
 (512) 442-1122 Fax: (512) 442-1181

Re: Williamson County Regional Park
 Parking Lot No. 2
 County Road 175
 Williamson County, Texas
 HBC/Terracon Project No. 96035021



Dear Mr. McKenzie:

As you requested, I visited the above referenced site on Wednesday, January 31 to observe the condition of the asphaltic concrete pavements in the parking lot 2 area of the above referenced project site and to participate in a project meeting to discuss the pavement condition. My observations are summarized below.

- There were a number of failed areas in the parking lot. The failures were generally of a rutting/shoving type, generally indicative of a base and/or subgrade failure. Although the failures were scattered about the parking lot, they appeared to be more prevalent in the lower areas of the lot. It appears that the failures resulted from delivery trucks or equipment accessing the parking lot.
- Water was noted to be standing in the ruts of two of the failed areas. It is my understanding that the irrigation system has been shut off for at least a week and it had not rained for several days. I also noted water collecting in a trench that had been excavated earlier that morning just to the south of the lot.

It was decided at that meeting that several of the failed areas would be excavated to expose the base material and underlying subgrade in an attempt to assess the cause(s) of the failures. I observed the excavation of one of these areas. Upon excavation, the bottom of the base material and the interface with the underlying subgrade were saturated. Immediately after excavating the area, water began to seep into the excavation along the base/subgrade interface. I did not observe excavation of three additional areas, however, an HBC/Terracon representative visited the site that evening and noted that water had collected in three of the four excavated areas.

Based upon the above, I have developed the following conclusions regarding the above.

- Subsurface water is infiltrating into the subgrade and ultimately into the pavement base material in this area. The water appears to be generally traveling within the base material along the base/subgrade interface.

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 429 P02 FEB 03 '03 14:35



Mr. Mark McKenzie
January 31, 2003
Page 2 of 2

- The source of the subsurface water could not be assessed with the information available. I suspect that the water is either one or a combination of infiltration of surface water, infiltration of irrigation water, or groundwater.
- It is my opinion that the presence of the subsurface water in the base material/subgrade contributed to the failures observed in the parking lot.
- If the water source is not identified and/or intercepted and removed from the parking lot area, it is possible that additional failure areas could develop. In addition, it is likely that attempts to patch the failed areas by replacing them with an equivalent asphalt/base section will result in additional failures.

Based upon the above, it is our opinion that an evaluation of the water source(s) that may be contributing to the observed subsurface water be performed so that measures can be taken to remove or intercept the water before it has an opportunity to infiltrate the pavement subgrade areas.

I trust that the enclosed comments meet your needs at this time. Please contact us if you have any questions or if we can be of further assistance.

Sincerely,

HBC/Terracon

A handwritten signature in cursive script, appearing to read "James G. Bierschwale".

James G. Bierschwale, P.E.
Principal

NA\Geo\dox\com\96035021.doc

429 P03 FEB 03 '03 14:35

S1223439618 RANGER EXCAVATING

FUQUAY, INC.**Certified WBE/DBE**

Main office: P.O. Box 10327 Austin, Texas 78766
www.fuquay.com

Phone (512) 260-9899 Fax (512) 260-9009

PROPOSAL

DATE: FEBRUARY 10, 2003

PROJECT: WILLIAMSON CO. REGIONAL PARK

WE PROPOSE TO PROVIDE ALL THE MATERIALS, LABOR, EQUIPMENT AND SUPERVISION NECESSARY TO COMPLETE THE FOLLOWING ITEMS FOR THE PROJECT REFERENCED ABOVE.

ITEM NUMBER/ DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	ESTIMATED COST
FRENCH DRAIN	250 LF	\$ 8.80 LF	\$ 2,200.00

THIS PRICE IS FOR FRENCH DRAIN INSTALLATION ONLY. ALL CONCRETE, BASE AND ASPHALT ARE TO BE REMOVED AND REPLACED BY OTHERS.

CONT. PAGE 2

SUPERSTRUCTURES**PROPOSED CHANGE ORDER****No. 00002****TITLE:** P2 Concrete Paving**DATE:** 3/17/03**PROJECT:** Williamson County Regional Park**JOB:** 4218

TO: Attn: Marc Shepard
Workman Corporation
3735 Promontory Drive
Austin, Texas 78744
Phone: 512-326-9293 Fax: 512-447-8156

CONTRACT NO:**RE:****To:****From:****Number:****DESCRIPTION OF PROPOSAL**

Marc,

Listed below please find our price to install approximately 5400 SF of 4" crushed limestone and 6" concrete paving in parking lot #2 at Williamson County Regional Park. Our price includes all labor, materials, equipment, incidentals, and supervision necessary to complete the work as required. Should you have any questions, please do not hesitate to contact me. Superstructures appreciates the opportunity to provide Workman Corporation with or services.

Item	Description	Stock#	Quantity	Units	Unit Price	Tax Rate	Tax Amount	Net Amount
01	1x2"Non Wash Gravel		70.000	CY	\$15.00	0.00%	\$0.00	\$1,050.00
02	6" Concrete Paving		5400.000	SF	\$2.75	0.00%	\$0.00	\$14,850.00

Unit Cost: \$15,900.00**Unit Tax:** \$0.00**Lump Sum:** \$0.00**Lump Tax:** \$0.00**Total:** \$15,900.00**APPROVAL:****By:**

Will Blackbird

By:

Marc Shepard

Date:

3/17/03

Date:

AGENDA ITEM 25**Consider approving a line item transfer for Various Departments:**

From:	0100-0404-002050	Workers Comp.	164.64
	0100-0409-002050	Workers Comp.	128.76
	0100-0510-002050	Workers Comp.	4,527.56
	0100-0582-002050	Workers Comp.	241.80
To:	0100-0403-002050	Workers Comp.	138.55
	0100-0400-002050	Workers Comp.	334.82
	0100-0401-002050	Workers Comp.	683.71
	0100-0402-002050	Workers Comp.	407.13
	0100-0405-002050	Workers Comp.	15.26
	0100-0440-002050	Workers Comp.	3,483.29

Moved: **Commissioner Boatright**Seconded: **Commissioner Limmer****Motion: To approve a line item transfer for Various Departments:**

From:	0100-0404-002050	Workers Comp.	164.64
	0100-0409-002050	Workers Comp.	128.76
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	0100-0405-002050	Workers Comp.	15.26
	0100-0440-002050	Workers Comp.	3,483.29

Vote: **5 - 0**

< Attachment >