



McAlester City Council

NOTICE OF MEETING

Special Meeting of the City Council Agenda

Friday, April 13, 2012 – 5:00 pm
McAlester City Hall – Council Chambers
28 E. Washington

Steve Harrison.....	Mayor
Weldon Smith.....	Ward One
Vacant.....	Ward Two
Travis Read.....	Ward Three
Robert Karr.....	Ward Four
Buddy Garvin.....	Ward Five
Sam Mason.....	Vice Mayor, Ward Six
Peter J. Stasiak.....	City Manager
William J. Ervin.....	City Attorney
Cora M. Middleton.....	City Clerk

This agenda has been posted at the McAlester City Hall, distributed to the appropriate news media, and posted on the City website: www.cityofmcalester.com within the required time frame.

The Mayor and City Council request that all cell phones and pagers be turned off or set to vibrate. Members of the audience are requested to step outside the Council Chambers to respond to a page or to conduct a phone conversation.

The McAlester City Hall is wheelchair accessible. Sign interpretation or other special assistance for disabled attendees must be requested 48 hours in advance by contacting the City Clerk's Office at 918.423.9300, Extension 4956.

CALL TO ORDER

Announce the presence of a Quorum.

ROLL CALL

SCHEDULED BUSINESS

-
1. Consider and act upon, Change Order No. 2 to the contract with Outlaw Construction for Elks Road Improvements and authorize the Mayor to sign the Change Order in the amount of \$28,155.00. This will add fifteen days to the contract time. The Change Order also includes a request for fourteen weather days due to rain. The total of twenty nine

days will change the substantial completion date to May 20, 2012. (*John C. Modzelewski, PE, City Engineer and Public Works Director*)

2. Consider, and act upon, Change Order No. 3 to the contract with Outlaw Construction for Elks Road Improvements and authorize the Mayor to sign the Change Order in the amount of \$33,775.00. This will add seven days to the contract time and change the substantial completion date to May 27, 2012. (*John C. Modzelewski, PE, City Engineer and Public Works Director*)

ADJOURNMENT

CERTIFICATION

I certify that this Notice of Meeting was posted on this _____ day of _____ 2012 at _____ a.m./p.m. as required by law in accordance with Section 303 of the Oklahoma Statutes and that the appropriate news media was contacted. As a courtesy, this agenda is also posted on the City of McAlester website: www.cityofmcalester.com.

Cora M. Middleton, City Clerk



McAlester City Council

AGENDA REPORT

Meeting Date: April 13, 2012
Department: Public Works
Prepared By: John C. Modzelewski, PE
Date Prepared: April 4, 2012

Item Number: 1
Account Code: _____
Budgeted Amount: _____
Exhibits: 4

Subject

Consider, and act upon, Change Order No. 2 to the contract with Outlaw Construction for Elks Road Improvements and authorize the Mayor to sign the Change Order in the amount of \$28,155.00. This will add fifteen days to the contract time. The Change Order also includes a request for fourteen weather days due to rain. The total of twenty nine days will change the substantial completion date to May 20, 2012.

Recommendation

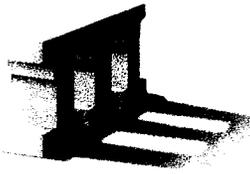
Motion to approve Change Order No. 2 to the construction contract with Outlaw Construction for construction of the Elks Road Improvements.

Discussion

This request for \$28,155.00 is to install 1,285 linear feet of subgrade drainage (French Drain) along the east side of the project due to the groundwater conditions encountered in test holes excavated on the east side. These test holes were used to observe groundwater conditions that were not present when the City's Geotechnical Engineer performed subsurface exploration in May 2011. It is recommended by the City's Consulting Engineer, Mehlburger Brawley, that the Council approves the request for \$28,155.00 in Change Order No. 2 with Outlaw Construction and to extend the contract by twenty nine days.

Approved By

	<i>Initial</i>	<i>Date</i>
Department Head	JCM	04/04/12
City Manager	PJS 	



MEHLBURGER BRAWLEY

THE MERGING OF NRS, INC.
THE MEHLBURGER FIRM - BRAWLEY ENGINEERING CORP.

April 02, 2012

John Modzelewski, P.E., City Engineer
City of McAlester / McAlester Public Works Authority
P. O. Box 578
McAlester, OK 74501

Re: Elks Road Improvement Project
Change Order No. 2, Subgrade Drainage

Dear Mr. Modzelewski:

Enclosed are six copies of Change Order No. Two for the Elks Road Improvements Project for the council's consideration. The following is a brief summary of the events leading to this Change Order.

On March 17, 2012, the contractor was attempting to pour the concrete paving on Phase I of the project. Significant rutting from the concrete trucks was observed in some areas indicating soft subgrade conditions. Paving was stopped to investigate the problem. The subgrade had been treated, compacted and met density tests earlier in the month and was ready for paving. On March 26, 2012 a meeting was held with the MBI; Contractor, DALCO Inc (Contractor's Geotechnical firm), City engineering staff; and EST Inc (City's Geotechnical Engineering Firm). It was determined that field observations were required with proof rolling equipment to help determine the cause and subsequent recommendations.

On March 27, 2012, proof rolling occurred in the areas of the soft subgrade with the contractor, MBI, EST and DALCO present. Significant rutting was occurring on the east edge as well as persistent wet conditions after 7 consecutive days of no rain. The subgrade also appeared soft across the entire cross section as observed by pumping action and sagging during proof rolling. Test holes were excavated on the east edge, outside the limits of subgrade construction in three locations to observe groundwater conditions. The test holes filled up with water relatively quickly and water was observed entering the excavated hole from the east, outside the area of construction. The flow of groundwater was observed to be traveling east to west in this area. The original geotechnical borings performed by the City's geotechnical engineer, EST, on May 19, 2011, did not observe water in the borings during or immediately after the drilling, so no subgrade drainage was included in the design that was bid on by the contractor.

We have determined that subgrade drainage is required on the east side of the project to not only allow for the current construction but mitigate any future long term subgrade problems associated with groundwater. The contractor was provided a detail and pricing was provided to our office. The pricing for the subgrade drainage (French drain) was checked against recent bids received on ODOT projects and was found to be fair and comparable to bids on ODOT projects for similar construction. The contractor has requested 7 days to complete and an additional 8 days while waiting on the Council meeting since he cannot proceed with the work without the subgrade drainage.

Page 2

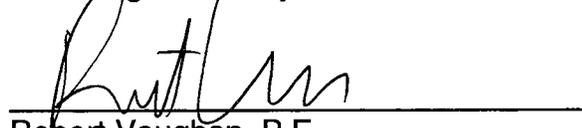
Elks Road Change Order Request No. 2

The contractor is also requesting 14 weather days that have been verified by our records to be accurate. These days have been added to the Change Order No. 2.

We recommend approval of Change Order No. 2. If this meets with City Council approval, please have all copies executed and returned to our office so we can get the Contractor's signature.

Thank you and should you have any questions please do not hesitate to contact our office at (918) 420-5500. Sincerely,

Mehlburger Brawley, Inc.



Robert Vaughan, P.E.
Project Manager

RV/mj - Enclosure
Project No. MC-11-01

cc w/ enclosure:

Harold Gatzman, Outlaw Construction

Dale Burke, P.E., Chief Operating Officer, Mehlburger Brawley, Inc.

Kenneth Little, Construction Manager, Mehlburger Brawley, Inc.

Steve Fair, Resident Project Representative, Mehlburger Brawley, Inc.

Change Order

No. Two

Date of Issuance: April 10, 2012 Effective Date: April 10, 2012

Project: Elks Road Improvements	Owner: City of McAlester / McAlester Public Works Authority	Owner's Contract No.: MC-11-01
Contract: Elks Road Improvements	Date of Contract: 11-23-2011	
Contractor: Outlaw Construction		

The Contract Documents are modified as follows upon execution of this Change Order:

Description: Add time for documented Rain Days; Add Subgrade Drainage to Scope of Work

Attachments: (List documents supporting change):

- Mehlburger Brawley Letter of Recommendation dated 04-02-2012
- MBI Detail Drawing of Subgrade Drainage dated 04-2-2012
- Outlaw Construction Letter dated 04-01-2012 with subgrade drainage pricing.
- Outlaw Construction Letter dated 03-29-2012 requesting weather days.

CHANGE IN CONTRACT PRICE:

Original Contract Price:
\$ 499,281.00

Increase from previously approved Change Orders
No. One to No. One :
\$ -0-

Contract Price prior to this Change Order:
\$ 499,281.00

Increase of this Change Order:
\$ 28,155.00

Contract Price incorporating this Change Order:
\$ 527,436.00

CHANGE IN CONTRACT TIMES:

Original Contract Times: Working days Calendar days
Substantial completion (days / date): 120 days (April 03, 2012)

Increase from previously approved Change Orders
No. One to No. One :
Substantial completion (days): 18 days

Contract Times prior to this Change Order:
Substantial completion (days or date): 138 days (April 21, 2012)

Increase of this Change Order:
Substantial completion (days): 29 days

Contract Times with all approved Change Orders:
Substantial completion (days / date): 167 days (May 20, 2012)

RECOMMENDED:

By: [Signature]
Mehlburger Brawley, Inc. Project Manager
Date: 4-22-2012



ACCEPTED:

By: _____
Owner (Authorized Signature)/Title
Date: _____

ACCEPTED:

By: _____
Contractor (Authorized Signature)/Title
Date: _____

**Outlaw Construction
4611 S 30th E
Muskogee, OK 74403
fax (918)687-0584**

To: City of McAlester 4/1/12
c/o Robert Vaughn
From: Harold Gatzman
Re: Elks Road Improvements

To whom it may concern,

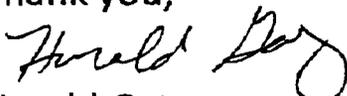
The following is the price for the additional french drain as designed for the Elks Road Project.

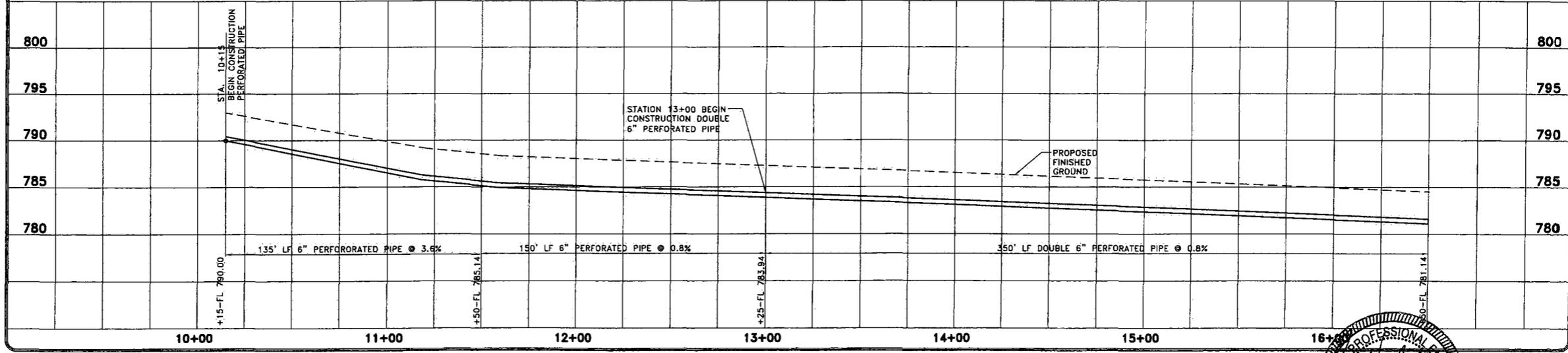
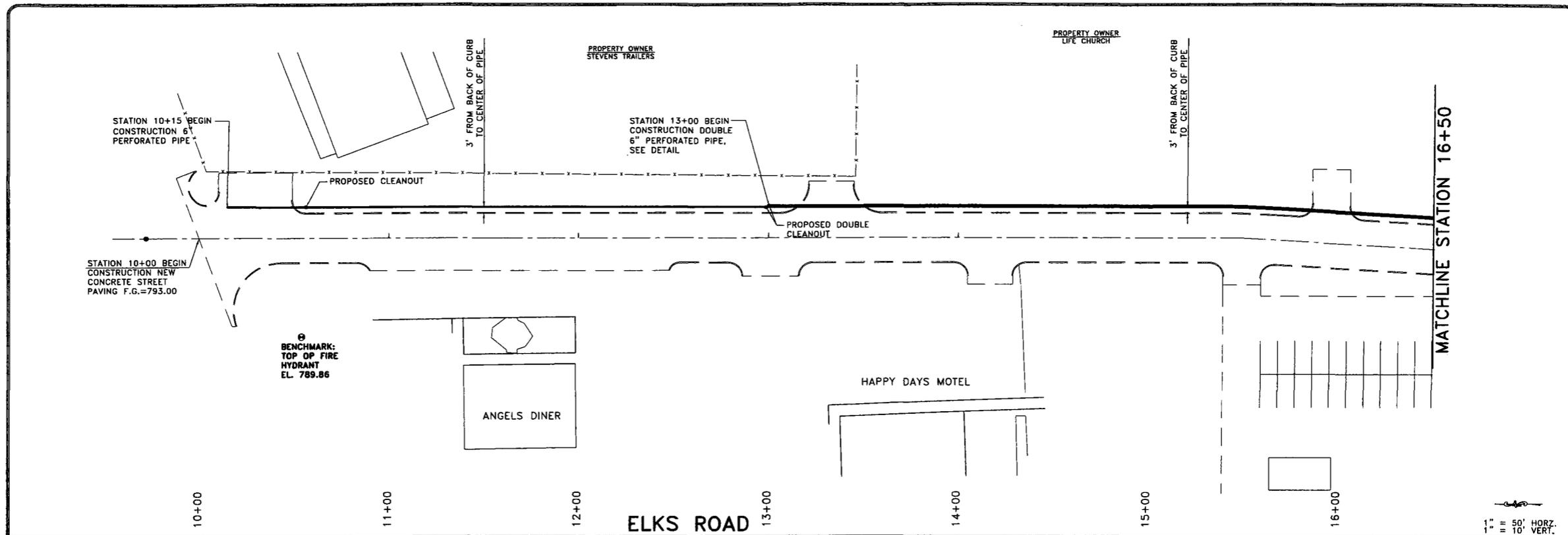
1285 LF total length
2285 LF 6" HDPE Pipe
5 clean outs
end concrete headwall

TOTAL PRICE: \$28,155.00

Requesting an additional 7 days added to contract for installation, plus as many days as taken to make decision on drain from April 2, 2012.

Thank you,


Harold Gatzman
918-616-9251



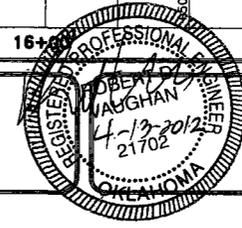
4/13/12	INITIAL SIGN AND SEAL	RDV
Date	Notes	By

Designed RDV
 Checked LDB
 Drawn WH
 Approved RDV

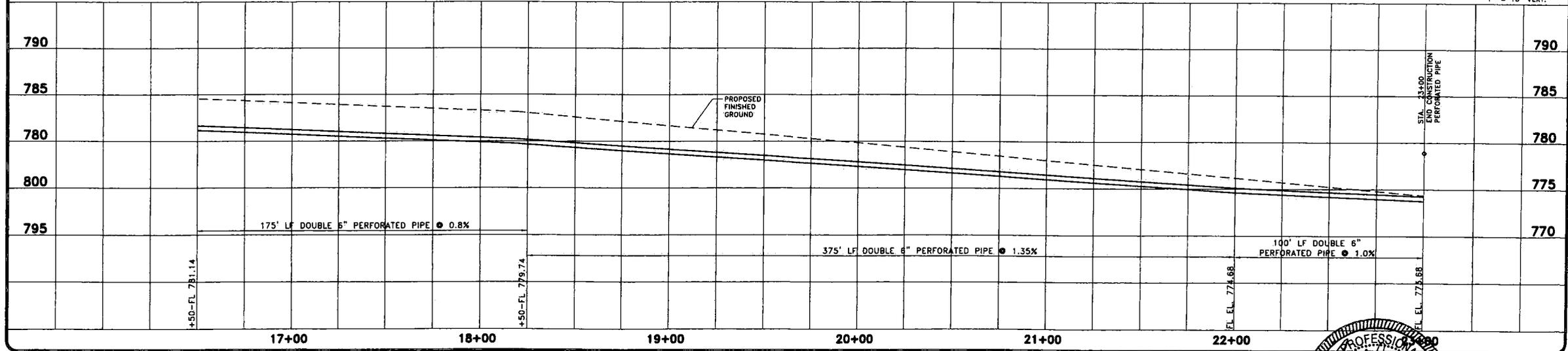
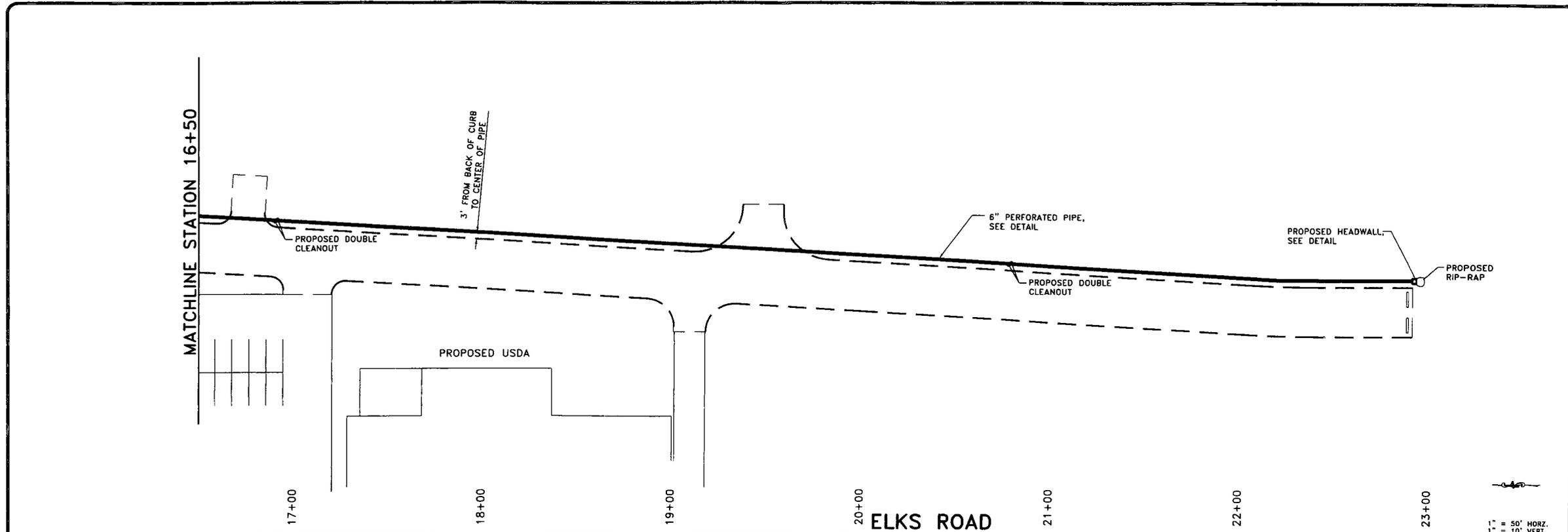
MEHLBURGER BRAWLEY
 THE MERGING OF NRS, INC.
 THE MEHLBURGER FIRM - BRAWLEY ENGINEERING CORP.
 719 S. GEORGE HIGH EXPRESSWAY, MCALESTER, OK. 74501
 (918) 420-5500 - (918) 420-5501 FAX

CITY OF MCALESTER
MCALESTER, OKLAHOMA
ELKS ROAD IMPROVEMENTS

PLAN & PROFILE
SUBGRADE DRAINAGE
STATION 10+15 - 16+50



Job: MC-11-01
 Scale: 1" = 20'
 Date: APR 2012
 Sheet: 1 OF 3



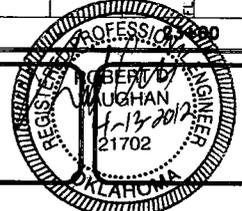
4/13/12	INITIAL SIGN AND SEAL	RDV
Date	Notes	By

Designed RDV
 Checked LOB
 Drawn WH
 Approved RDV

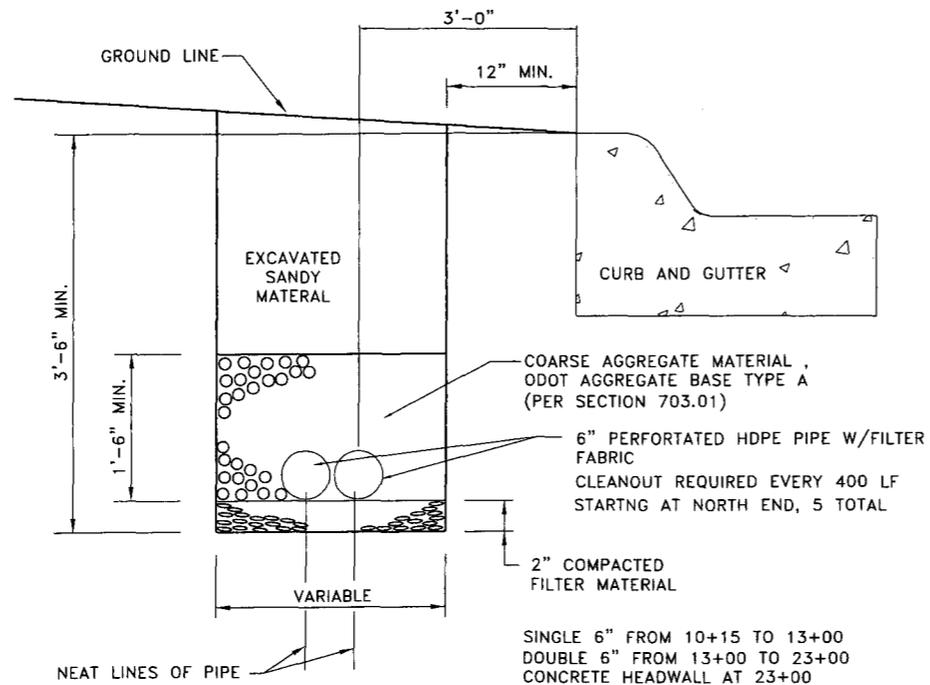

MEHLBURGER BRAWLEY
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CITY OF MCALESTER
 MCALESTER, OKLAHOMA
 ELKS ROAD IMPROVEMENTS

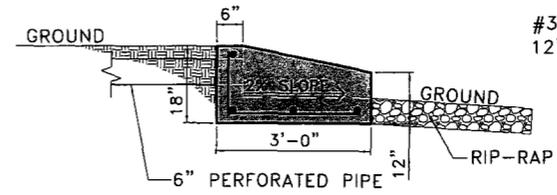
PLAN & PROFILE
 SUBGRADE DRAINAGE
 STATION 16+50 - 23+00



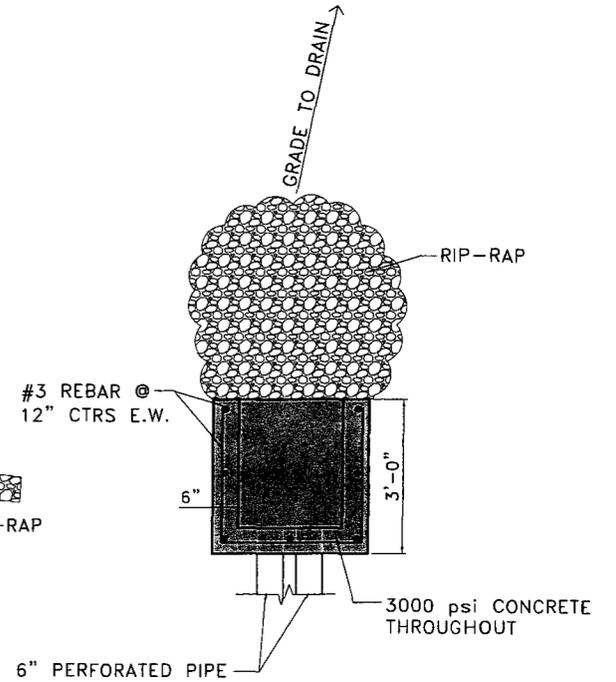
Job: MC-11-01
 Scale: 1" = 20'
 Date: APR 2012
 Sheet: 2 OF 3



SECTION
N.T.S.



SECTION



PLAN

HEAD WALL DETAIL

LIMITS OF EXCAVATION

DEPTH OF TRENCH (FT.)	DIST. IN FT. OUTSIDE NEAT LINES OF PIPE SUBDRAIN
0 TO 6	1.00

QUANTITIES

2,285 LF 6" HDPE PIPE
1,285 LF TOTAL TRENCH LENGTH
5 TOTAL CLEANOUTS
END CONCRETE HEADWALL

Date	Notes	By
4/13/12	INITIAL SIGN AND SEAL	RDV

Designed RDV
Checked LDB
Drawn WH
Approved RDV



MEHLBURGER BRAWLEY
THE MERGING OF NRS, INC.
THE MEHLBURGER FIRM - BRAWLEY ENGINEERING CORP.
719 S. GEORGE HIGH EXPRESSWAY, MCALESTER, OK. 74501
(918) 420-5500 • (918) 420-5501 FAX

CITY OF MCALESTER
MCALESTER, OKLAHOMA
ELKS ROAD IMPROVEMENTS

SUBGRADE DRAINAGE DETAILS



Job: MC-11-01
Scale: 1" = 10'
Date: APR 2012
Sheet: 3 OF 3

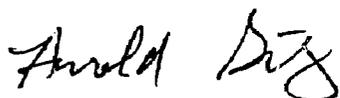
Outlaw Construction
4611 S 30th E
Muskogee, OK 74403
fax (918)687-0584

To: City of McAlester 3/29/12
c/o Robert Vaughn
From: Harold Gatzman
Re: Elks Road Improvements

To whom it may concern,

We are requesting an extension of time on the above references project due to delays by no fault of Outlaw Construction. We are requesting a total of 14 days due to excessive rain March 8, 10, 11, 19, 20, 21, 22 and 23, 2012. The additional time is for pumping water and drying time.

Thank you,



Harold Gatzman
918-616-9251



BRAWLEY

THE MERGING OF NRS, INC.
THE MEHLBURGER FIRM - BRAWLEY ENGINEERING CORP.

April 4, 2012

John Modzelewski, P.E., City Engineer
City of McAlester / McAlester Public Works Authority
PO Box 578
McAlester, OK 74502-0578

Re: Elks Road Improvements
Contractor's Updated Project Schedule

Dear Mr. Modzelewski:

Enclosed for your records is the contractor's updated project schedule. It shows a completion date of May 27, 2012, which is consistent with the dates in Change Order Requests No. 2 and 3.

Thank you and should you have any questions please do not hesitate to contact our office at (918) 420-5500.

Sincerely,

Mehlburger Brawley, Inc.

Robert Vaughan, P.E.
Project Manager

Cc: w/ Enclosures

Kenneth Little, Construction Manager, Mehlburger Brawley, Inc.
Steve Fair, Resident Project Representative, Mehlburger Brawley, Inc.

Project No. MC-11-01

ELKS Road Improvement Project Plan

4/1/12

Scheduled		Actual		Project
Start	Complete	Start	Complete	
12/13/11	12/20/11	12/13/11	12/15/11	Construction staking temp access road
01/19/12	02/06/12	01/19/12	02/21/12	PH 1 Dirt work
02/06/12	02/09/12	02/21/12	02/24/12	PH 1 CKD cure
2/25/12	2/26/12	2/25/12	2/26/12	Rock PH 1
03/05/12	03/19/12	3/17/12	03/17/12	Concrete PH 1 (completed portion)
3/10/12	3/16/12	03/17/12	03/24/12	Concrete cure PH 1 (completed portion)
12/29/11	1/12/12	12/21/11	1/2/12	Phase III Dirt
2/06/12	2/09/12	02/10/12	02/13/12	CKD Cure Phase III
02/22/12	02/23/12	02/23/12	2/23/12	Rock PH III
02/27/12	03/02/12	03/15/12	03/15/12	Concrete PH III
03/03/12	03/09/12	03/15/12	03/22/12	Concrete Cure PH III
2/24/12	3/2/12	2/24/12	3/2/12	Phase II Temp Road Access
05/04/12	05/10/12			Dirt PH II
05/11/12	05/13/12			CKD cure PH II
05/14/12	05/16/12			Rock PH II
05/17/12	05/20/12			Concrete PH II
05/20/12	5/26/12			Concrete Cure PH II
05/7/12	05/27/12			SOD & clean up
04/11/12	04/17/12			French drain (change order request)
04/16/12	04/22/12			Re work sub grade uncompleted portion PH1 (CO request)
04/22/12	04/24/12			CKD Cure uncompleted portion of PH1
04/25/12	04/28/12			Concrete uncompleted portion PH 1
04/28/12	05/04/12			Concrete cure uncompleted portion PH 1
02/14/12	02/27/12	02/14/12	02/27/12	Claim Phase 1

John Modzelewski

From: Robert Vaughan [RVaughan@MB-Eng.Com]
Sent: Wednesday, April 04, 2012 9:04 AM
To: John Modzelewski
Cc: Steve Fair; Dale Burke
Subject: MC-11-01, Weather Days Claimed by the contractor
Attachments: DOC.pdf

John,

We further reviewed the 14 rain / weather days the contractor is claiming. The following is a summary based on information from Steve Fair, the Resident project Representative on the project:

March 8th: Rain, See Attached Mesonet Data Summary

March 9th: Wet Conditions

March 10th: Rain

March 11th: Rain

March 12th: Wet Conditions

March 13th: Wet Conditions

March 19th: Rain

March 20th: Rain

March 21st: Rain

March 22nd: Rain

March 23-28th: Wet Conditions

We show that he could have claimed up to 16 days, so we are comfortable with him only claiming 14 total weather days.

Thank You,

Robert Vaughan, P.E., Branch Manager

Mehlburger Brawley, Inc.

civil - environmental - transportation - bridge - construction management

Little Rock - McAlester - Oklahoma City - Tulsa

719 S. George Nigh Expressway, McAlester, OK 74501

(918) 420-5500 Office (918) 420-5501 fax

rvaughan@mb-eng.com www.mehlburgerbrawley.com

MESONET CLIMATOLOGICAL DATA SUMMARY
(MCAL) McAlester
Latitude: 34-52-56

March 2012
Nearest City: 4.0 S McAlester
Longitude: 95-46-51

Time Zone: Midnight-Midnight CST
County: Pittsburg
Elevation: 755 feet

DAY	TEMPERATURE (F)				DEG DAYS		HUMIDITY (%)			RAIN (in)	PRESSURE (in)		WIND SPEED (mph)			SOLAR (MJ/m2)	4" SOIL TEMPERATURES			
	MAX	MIN	AVG	DEWPT	HDD	CDD	MAX	MIN	AVG		STN	MSL	DIR	AVG	MAX		SOD	BARE	MAX	MIN
1	79	39	62.3	37.1	6	0	85	14	45	0.00	28.93	29.73	S	9.5	30.5	19.33	54.3	53.1	60	46
2	68	44	56.8	40.7	9	0	86	30	57	0.00	28.92	29.73	NW	12.3	31.6	19.57	56.3	56.4	61	49
3	57	33	45.8	22.1	20	0	92	15	47	0.00	29.24	30.05	NNW	6.7	26.8	19.74	52.7	49.7	56	45
4	72	30	50.9	23.1	14	0	75	13	40	0.00	29.26	30.08	SW	7.5	30.2	20.19	51.4	48.2	57	40
5	76	37	58.4	31.6	9	0	85	16	42	0.00	29.41	30.23	S	6.4	27.7	20.13	53.5	51.7	61	44
6	70	54	62.6	44.2	3	0	71	33	52	0.00	29.24	30.05	S	14.5	39.9	15.61	55.2	54.2	60	49
7	70	61	64.8	54.7	0	0	82	58	70	0.00	29.14	29.95	S	12.4	31.6	6.62	57.1	57.6	61	55
8	67	39	48.9	44.2	12	0	95	65	84	1.03	29.35	30.17	NNE	11.8	39.2	2.43	55.1	53.6	60	46
9	60	35	45.4	26.4	17	0	88	20	53	0.00	29.62	30.44	NE	6.5	23.6	17.51	51.5	48.2	55	42
10	65	31	48.9	31.8	17	0	96	22	60	0.23	29.46	30.28	ESE	3.9	19.4	13.87	51.8	49.5	56	42
11	69	40	50.7	49.2	13	0	96	84	91	0.40	29.17	29.98	S	5.8	23.6	3.30	53.1	52.0	55	50
12	78	53	64.1	50.5	0	1	91	32	65	0.00	29.14	29.95	S	9.4	23.7	21.27	56.2	56.8	65	50
13	79	61	68.3	58.9	0	5	93	48	73	0.00	29.23	30.04	S	8.4	24.4	18.69	60.0	61.7	69	56
14	78	66	70.6	60.3	0	7	87	48	71	0.00	29.25	30.06	S	8.9	27.2	12.24	62.1	64.0	69	61
15	79	67	71.8	61.2	0	8	85	55	70	0.00	29.26	30.07	S	8.3	23.6	11.00	63.1	65.0	69	62
16	77	65	70.6	60.9	0	6	89	54	72	0.00	29.23	30.04	S	8.0	27.5	10.16	63.5	64.9	69	62
17	78	66	71.8	58.9	0	7	82	47	65	0.00	29.16	29.97	S	10.4	28.4	13.58	64.2	65.4	69	63
18	77	66	70.9	59.5	0	6	80	53	68	0.00	29.12	29.93	S	10.0	30.9	8.44	63.9	64.6	68	62
19	79	58	68.0	60.2	0	3	96	54	77	1.92	28.94	29.74	S	10.1	38.0	7.14	63.9	64.7	68	62
20	81	59	55.4	52.5	0	0	96	73	90	2.13	28.97	29.78	SW	4.4	14.3	5.36	60.3	60.2	63	58
21	67	45	55.4	47.8	9	0	96	32	79	0.27	28.99	29.80	SSE	3.9	33.5	14.51	61.1	60.4	68	57
22	58	42	50.4	45.4	15	0	97	54	84	0.24	29.03	29.84	S	6.2	32.1	5.64	58.4	55.5	58	52
23	70	41	54.2	44.6	10	0	97	38	74	0.01	29.16	29.97	SW	6.7	29.4	22.51	57.6	55.9	65	48
24	77	41	58.9	46.5	6	0	97	35	69	0.00	29.21	30.02	NNW	2.9	15.3	23.34	59.7	59.7	70	51
25	81	45	63.2	46.6	2	0	96	22	63	0.00	29.24	30.05	E	2.1	11.3	23.73	62.3	63.1	73	54
26	83	49	66.9	50.7	0	1	96	29	62	0.00	29.22	30.03	S	4.3	18.7	23.30	64.0	64.2	73	56
27	80	59	70.4	55.5	0	5	85	39	61	0.00	29.19	30.00	S	7.0	25.0	19.85	65.2	65.2	72	60
28	80	63	70.1	55.9	0	7	75	41	62	0.00	29.17	29.98	S	6.3	20.9	19.26	66.3	66.1	73	61
29	80	60	68.5	58.5	0	5	93	41	72	0.00	29.07	29.88	S	6.1	19.4	18.78	66.4	66.1	74	60
30	81	61	69.1	60.1	0	6	95	45	76	0.00	29.02	29.82	S	4.7	16.4	20.76	68.0	68.4	76	63
31	86	60	72.4	61.6	0	8	95	38	72	0.00	29.01	29.81	S	3.6	14.8	21.37	68.9	69.9	78	63
	73	51	61.5	48.4	-< Monthly Averages ->						29.17	29.98	S	7.4	39.9	15.46	59.6	59.2	66	54
Temperature - Highest: 86 Lowest: 30							Degree Days - Total HDD: 171 Total CDD: 75					Number of Days With: Tmax >= 90: 0 Rainfall >= 0.01 inch: 8 Tmax <= 32: 2 Rainfall >= 0.10 inch: 7 Tmin <= 32: 0 Avg Wind Speed >= 10 mph: 7 Tmin <= 0: 0 Max Wind Speed >= 30 mph: 10								
Rainfall: Monthly Total: 6.23 in. Greatest 24 Hr: 2.13 in.							Humidity - Highest: 97 Lowest: 13													



McAlester City Council

AGENDA REPORT

Meeting Date:	<u>April 13, 2012</u>	Item Number:	<u>2</u>
Department:	<u>Public Works</u>	Account Code:	<u></u>
Prepared By:	<u>John C. Modzelewski, PE</u>	Budgeted Amount:	<u></u>
Date Prepared:	<u>April 4, 2012</u>	Exhibits:	<u>4</u>

Subject

Consider, and act upon, Change Order No. 3 to the contract with Outlaw Construction for Elks Road Improvements and authorize the Mayor to sign the Change Order in the amount of \$33,775.00. This will add seven days to the contract time and change the substantial completion date to May 27, 2012.

Recommendation

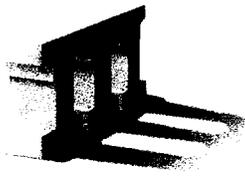
Motion to approve Change Order No.3 to the construction contract with Outlaw Construction for construction of the Elks Road Improvements.

Discussion

This request for \$33,775.00 is to repair the soft subgrade and return it to optimum moisture content. This will include removing the aggregate base and geogrid already installed, scarifying and breaking up the subgrade to allow it to dry. It is recommended by the City's Consulting Engineer, Mehlburger Brawley, that the Council approves the request for \$33,775.00 in Change Order No. 3 with Outlaw Construction and to extend the contract by seven days.

Approved By

	<i>Initial</i>	<i>Date</i>
Department Head	JCM	04/04/12
City Manager	PJS <i>PJS</i>	



MEHLBURGER BRAWLEY
— THE MERGING OF NRS, INC. —
THE MEHLBURGER FIRM - BRAWLEY ENGINEERING CORP.

April 02, 2012

John Modzelewski, P.E., City Engineer
City of McAlester / McAlester Public Works Authority
P. O. Box 578
McAlester, OK 74501

Re: Elks Road Improvement Project
Change Order No. 3, Phase I Subgrade rework due to groundwater

Dear Mr. Modzelewski:

Enclosed are six copies of Change Order No. Three for the Elks Road Improvements Project for the council's consideration. The following is a brief summary of the events leading to this Change Order.

On March 17, 2012, the contractor was attempting to pour the concrete paving on Phase I of the project. Significant rutting from the concrete trucks was observed in some areas indicating soft subgrade conditions. Paving was stopped to investigate the problem. The subgrade had been treated, compacted and met density tests earlier in the month and was ready for paving.

It was determined that groundwater had penetrated the subgrade causing the failure and subgrade drainage would be required to mitigate the current and future problems associated with groundwater. Change Order No. 2 was for the installation of a french drain on the east edge to alleviate the groundwater setback.

After the french drain is installed, the soft subgrade would need to be returned to optimum moisture content. This can be accomplished by either waiting until an extended dry period (summer months) or expediting the drying by opening it up and scarifying the subgrade to aerate. Due to the time sensitive nature of the project negatively affecting the area businesses, we recommend the faster method of opening it up and drying the subgrade.

A meeting was held on March 30, 2012 between the Contractor, MBI and City Engineering Staff to discuss the required work and request pricing from the contractor. This would entail removing the aggregate base and geogrid already installed, scarifying, breaking up, the subgrade to dry. After sufficient drying time, the top 8 inches would be chemically treated to stabilize, compacted and density tests taken. Once densities are obtained at optimum moisture content, new geogrid and aggregate base would be installed and prepared for paving.

The contractor is requesting an additional 7 days to accomplish the work.

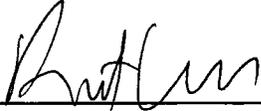
Page 2

Elks Road Change Order Request No. 3

We recommend approval of Change Order No. 3. If this meets with City Council approval, please have all copies executed and returned to our office so we can get the Contractor's signature.

Thank you and should you have any questions please do not hesitate to contact our office at (918) 420-5500. Sincerely,

Mehlburger Brawley, Inc.



Robert Vaughan, P.E.
Project Manager

RV/mj - Enclosure
Project No. MC-11-01

cc w/ enclosure:

Harold Gatzman, Outlaw Construction

Dale Burke, P.E., Chief Operating Officer, Mehlburger Brawley, Inc.

Kenneth Little, Construction Manager, Mehlburger Brawley, Inc.

Steve Fair, Resident Project Representative, Mehlburger Brawley, Inc.

***Outlaw Construction
4611 S 30th E
Muskogee, OK 74403
fax (918)687-0584***

To: City of McAlester 4/1/12
c/o Robert Vaughn
From: Harold Gatzman
Re: Elks Road Improvements

To whom it may concern,

The following is the price for the re working of the uncompleted portion of sub grade in Phase 1 of Elks Road, portion of road that has not been concreted due to failure of design. The subgrade in Phase 1 of the project was treated with CKD per specifications and compacted in place. Density tests were performed and the subgrade was at density at optimum moisture content on or about February 27th. The aggregate and geo-grid was installed on the subgrade to seal it in and prepare for concrete pavement. On March 17th, paving activities (loaded concrete trucks) caused rutting in the intrusion into the subgrade after compaction. The groundwater problem is being addressed by the addition of a french drain, however the subgrade on Phase 1 that is not under pavement must be reworked to get it to optimum moisture content and recompact. The areas to be reworked are at the connection to the Service Road (approximately 30 feet) and from Station 12+65 to 15+75 (310 feet). This will mean taking up the aggregate base, removing the geogrid and scarifying the subgrade to dry it out. Once dried to optimum, treating it with CKD to stabilize and recompact. Once densities are verified, install new geogrid and aggregate and then paving can commence.

TOTAL PRICE: \$33,775.00

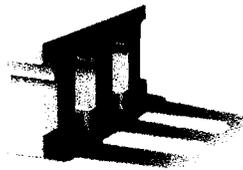
Requesting an additional 7 days added to contract, plus as many days as taken to make decision on drain from April 2, 2012.

Thank you,

A handwritten signature in black ink, appearing to read "Harold Gatzman", with a long, sweeping horizontal stroke extending to the right.

Harold Gatzman

918-616-9251



MEHLBURGER BRAWLEY
THE MERGING OF NRS, INC.
THE MEHLBURGER FIRM - BRAWLEY ENGINEERING CORP.

April 4, 2012

John Modzelewski, P.E., City Engineer
City of McAlester / McAlester Public Works Authority
PO Box 578
McAlester, OK 74502-0578

Re: Elks Road Improvements
Contractor's Updated Project Schedule

Dear Mr. Modzelewski:

Enclosed for your records is the contractor's updated project schedule. It shows a completion date of May 27, 2012, which is consistent with the dates in Change Order Requests No. 2 and 3.

Thank you and should you have any questions please do not hesitate to contact our office at (918) 420-5500.

Sincerely,

Mehlburger Brawley, Inc.

Robert Vaughan, P.E.
Project Manager

Cc: w/ Enclosures

Kenneth Little, Construction Manager, Mehlburger Brawley, Inc.
Steve Fair, Resident Project Representative, Mehlburger Brawley, Inc.

Project No. MC-11-01

ELKS Road Improvement Project Plan

4/1/12

Scheduled		Actual		Project
Start	Complete	Start	Complete	
12/13/11	12/20/11	12/13/11	12/15/11	Construction staking temp access road
01/19/12	02/06/12	01/19/12	02/21/12	PH 1 Dirt work
02/06/12	02/09/12	02/21/12	02/24/12	PH 1 CKD cure
2/25/12	2/26/12	2/25/12	2/26/12	Rock PH 1
03/05/12	03/19/12	3/17/12	03/17/12	Concrete PH 1 (completed portion)
3/10/12	3/16/12	03/17/12	03/24/12	Concrete cure PH 1 (completed portion)
12/29/11	1/12/12	12/21/11	1/2/12	Phase III Dirt
2/06/12	2/09/12	02/10/12	02/13/12	CKD Cure Phase III
02/22/12	02/23/12	02/23/12	2/23/12	Rock PH III
02/27/12	03/02/12	03/15/12	03/15/12	Concrete PH III
03/03/12	03/09/12	03/15/12	03/22/12	Concrete Cure PH III
2/24/12	3/2/12	2/24/12	3/2/12	Phase II Temp Road Access
05/04/12	05/10/12			Dirt PH II
05/11/12	05/13/12			CKD cure PH II
05/14/12	05/16/12			Rock PH II
05/17/12	05/20/12			Concrete PH II
05/20/12	5/26/12			Concrete Cure PH II
05/7/12	05/27/12			SOD & clean up
04/11/12	04/17/12			French drain (change order request)
04/16/12	04/22/12			Re work sub grade uncompleted portion PH1 (CO request)
04/22/12	04/24/12			CKD Cure uncompleted portion of PH1
04/25/12	04/28/12			Concrete uncompleted portion PH 1
04/28/12	05/04/12			Concrete cure uncompleted portion PH 1
02/14/12	02/27/12	02/14/12	02/27/12	Claim Phase 1