Item # I-4

CITY OF COFFEYVILLE
BOARD OF COMMISSIONERS AGENDA ITEM

MEETING DATE	June 10th 2014	
RESOLUTION OR ORDINANCE NUMBER	R-14-46	
AGENDA TITLE	**Change order with Muller Construction Inc., for the intersections of 3rd and Central and 3rd and Spruce**	
REQUESTING DEPARTMENT	Engineering	
PRESENTER	Scott Massman, Superintendent of Engineering	
FISCAL INFORMATION	Cost as recommended:	$12,368.00 and $17,887.00
	Budget Line Item:	
	Balance Available	
	New Appropriation Required:	[X] Yes [] No
PURPOSE	Due to the very poor soil conditions at the above mentioned intersections and upon recommendations of Michael Atkinson, P.E. of Allgeier, Martin and Associates, Inc. our project engineer over-excavating 1 foot with placement of an additional 1 foot of rock as well. Mike explains the method proposed as follows: I just wanted to reiterate the difference with the Geogrid option that went for $37/SY versus the $16.20/SY that Muller is proposing. It was my understanding that the subgrade for 2nd & Central consisted of very poor material which was further compounded by very wet conditions. We considered the rock option, but due to the severity of the poor conditions, we felt it was necessary to use the Geogrid because of its proven effectiveness against subgrades of this nature. We needed to make certain we established a good foundation before proceeding. After our experience with 2nd & Central, and because we had more time to evaluate the most economical soil stabilization methods, we realized that we could use less costly efforts to achieve the necessary soil stability for 3rd & Central, and 3rd & Spruce.	
BACKGROUND		
SPECIAL NOTES		
ANALYSIS		

PUBLIC INFORMATION PROCESS	
BOARD OR COMMISSION RECOMMENDATION	
STAFF RECOMMENDATION	Approve Change order proposal #14-076 with Muller Construction Company, Inc. For $12,368.00 for the 3rd and Central and $17,887.00 for the 3rd and Spruce Intersection.
REFERENCE DOCUMENTS ATTACHED	

RESOLUTION NO. R-14-46

A RESOLUTION TO AUTHORIZE TWO CHANGE ORDERS WITH MULLER CONSTRUCTION COMPANY, INC., FOR THE 2014 INTERSECTION AND DRAINAGE PROJECT.

BE IT RESOLVED by the Board of Commissioners of the City of Coffeyville, Kansas that the Mayor and City Clerk be and are hereby authorized and directed to execute a change order with Muller Construction Company, Inc. for the intersection of 3rd and Central in the lump sum amount of $12,368, and a change order for the intersection of 3rd and Spruce in the lump sum amount of $17,887 for a total of $30,254.

ADOPTED THIS 10TH DAY OF JUNE 2014.

_____
James Falkner, Mayor

ATTEST:

_____
Cindy Price, City Clerk

APPROVED AS TO FORM AND LEGALITY:

_____
Paul Kritz, City Attorney

June 5, 2014

Muller Construction, Inc.
204 North Central Street
PO Box 1235
Coffeyville, KS 67337

RE: Coffeyville, KS
Intersection & Drainage Improvements 2014
Change Order Nos. 1 & 2

Gentlemen:

Enclosed find Change Order No. 1 in the amount of $12,368.00 and Change Order No. 2 in the amount of $17,887.00 (three copies each) for the referenced project. The revised contract amount is now $356,852.50.

After your review, please execute each copy of the change orders and forward all copies to Scott Massman, Director of Engineering with the City of Coffeyville.

By copy of this letter I am requesting the City's review and approval of each change order. After each copy had been signed and dated, one copy of each change order should be returned to Muller Construction and Allgeier, Martin. The remaining copies are for the City's files.

If you have any questions, please advise.

Very truly yours,

ALLGEIER, MARTIN and ASSOCIATES, INC.

Michael Atkinson, P.E.

Enclosures

Cc: Scott Massman, City Of Coffeyville

ALLGEIER, MARTIN and ASSOCIATES, INC.
CONSULTING ENGINEERS and SURVEYORS
www.amce.com

Change Order No. 1

Muller Construction, Inc.
204 North Central
PO Box 1235
Coffeyville, KS 67337

RE: Coffeyville, KS
Intersection & Drainage
Improvements 2014

Gentlemen:

This change order constitutes full and mutual accord and satisfaction for all time and all costs related to this change. By acceptance of this change order, the Contractor agrees that the change order represents an equitable adjustment to the contract, and further agrees to waive all rights to file a claim arising out of a result of this change. The change listed herein is hereby made a part of the contract documents and includes the following item:

1) **3rd & Central Intersection (@ 764 SY)**
Over excavate 1 foot of unsuitable material and haul away.
Procure, haul, place and compact 1 foot of 6 x 0 inch crushed stone. **ADD**, Lump Sum $ 12,368.00

Total Change Order Amount $ 12,368.00

Original Contract Amount	$326,597.50
Change Order No. 1 (Addition)	$ 12,368.00
Revised Contract Amount	**$338,965.50**

Very truly yours,

ALLGEIER, MARTIN and ASSOCIATES, INC.

Michael Atkinson, P.E.

Accepted By Contractor:
Muller Construction, Inc.

By_____

Date_____

Accepted By Owner:
City Of Coffeyville, KS

By_____

Date_____

ALLGEIER, MARTIN and ASSOCIATES, INC.
CONSULTING ENGINEERS and SURVEYORS
www.amce.com

Change Order No. 2

Muller Construction, Inc.
204 North Central
PO Box 1235
Coffeyville, KS 67337

RE: Coffeyville, KS
Intersection & Drainage
Improvements 2014

Gentlemen:

This change order constitutes full and mutual accord and satisfaction for all time and all costs related to this change. By acceptance of this change order, the Contractor agrees that the change order represents an equitable adjustment to the contract, and further agrees to waive all rights to file a claim arising out of a result of this change. The change listed herein is hereby made a part of the contract documents and includes the following item:

1) **3rd & Spruce Intersection (@ 1,104 SY)**
Over excavate 1 foot of unsuitable material and haul away.
Procure, haul, place and compact 1 foot of 6 x 0 inch crushed stone. **ADD**, Lump Sum $ 17,887.00

Total Change Order Amount $ 17,887.00

Original Contract Amount	$326,597.50
Change Order No. 1 (Addition)	$ 12,368.00
Change Order No. 2 (Addition)	$ 17,887.00
Revised Contract Amount	**$356,852.50**

Very truly yours,

ALLGEIER, MARTIN and ASSOCIATES, INC.

Michael Atkinson, P.E.

Accepted By Contractor:
Muller Construction, Inc.

By_____

Date_____

Accepted By Owner:
City Of Coffeyville, KS

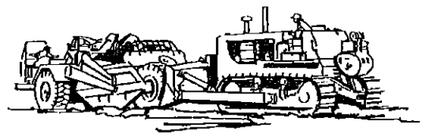
By_____

Date_____

Phone (620) 251-2020 — Fax (620) 251-2929

MULLER CONSTRUCTION, INC.

P.O. Box 1235 ≡ 204 N. Central ≡ Coffeyville, Ks 67337



EXCAVATING, GRADING & SITE PREPARATION
TERRACING, CLEARING & POND BUILDING
DOZER WORK, LOADING & HAULING

Mike Atkinson
Allgeier Martin & Associates

Proposal # 14-076

RE: City of Coffeyville
Intersection & Drainage Improvements 2014
Change Order: 3rd & Central; 3rd and Spruce

Muller Construction, Inc. respectfully submits the following proposal for your consideration:
Provide labor, equipment and material to perform the following tasks:

1) 3rd and Central Intersection @ 764 S.Y.
Over-excavate 1 foot of unsuitable material and haul away. Procure, haul, place and compact 1 foot of 6 x 0 crushed stone.

Lump Sum: $ 12,368.00

2) 3rd & Spruce Intersection @ 1104 S.Y.
Over-excavate 1 foot of unsuitable material and haul away. Procure, haul, place and compact 1 foot of 6 x 0 crushed stone.

Lump Sum: $ 17,887.00

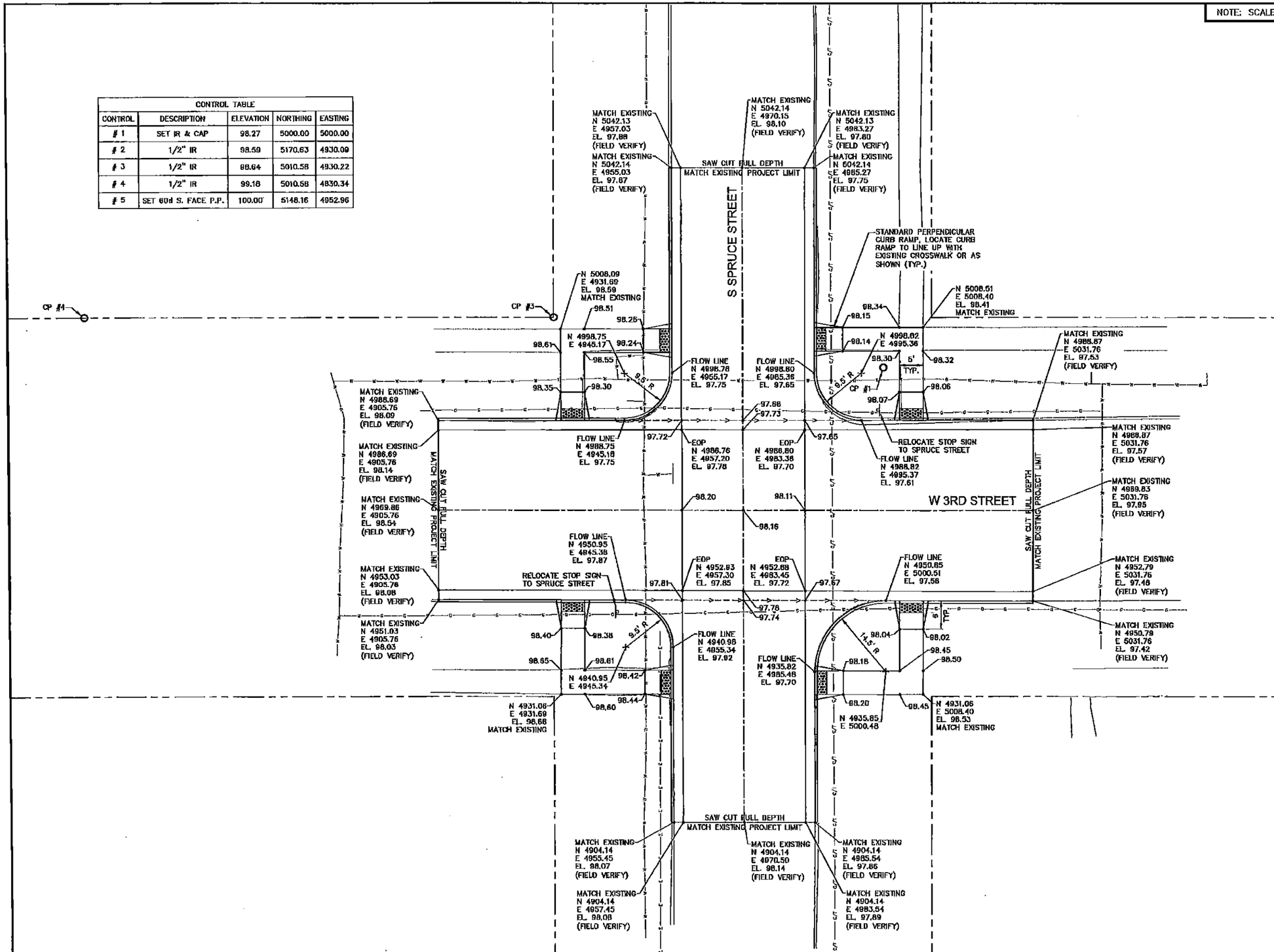
This proposal does not include any staking, testing, permits, applicable taxes, storm water pollution prevention plans (erosion control) or any unforeseen obstructions such as buried pipes, concrete foundations, concrete piers, conduits, utilities, wells and/or environmental concerns. There are no provisions for rock excavation, shoring or dewatering in this estimate. This proposal is based on working 8 hour days, 40 hour weeks. Any unforeseen, unsuitable material or obstructions and any added extras to be addressed on a time and material basis or to be negotiated.

Thank you for the opportunity to submit this proposal. This price is good for up to 30 days. Please call with any questions.

Mark Muller
Muller Construction, Inc.

NOTE: SCALE FOR 11 x 17 SIZE SHEET, HALF OF SCALE NOTED.

CONTROL TABLE				
CONTROL	DESCRIPTION	ELEVATION	NORTHING	EASTING
# 1	SET IR & CAP	98.27	5000.00	5000.00
# 2	1/2" IR	98.59	5170.63	4930.09
# 3	1/2" IR	98.64	5010.58	4930.22
# 4	1/2" IR	99.18	5010.58	4830.34
# 5	SET 60d S. FACE P.P.	100.00	5148.16	4952.96



NOTES:

ANY DITCHING OR GRADING NECESSARY TO DRAIN ADJACENT AREAS SHALL BE INCLUDED IN THIS WORK.

PROJECT AREA IS EXTREMELY FLAT, THEREFORE EXTREME CARE SHALL BE TAKEN TO SET AND FINISH GRADES TO PROMOTE DRAINAGE.

FINAL ELEVATIONS SHALL BE APPROVED AND/OR ADJUSTED BY THE ENGINEER IMMEDIATELY FOLLOWING THE PLACEMENT OF FORMWORK AND PRIOR TO PLACEMENT OF CONCRETE.

CONTRACTOR SHALL COMPACT SUBGRADE AND BASE ROCK TO 98% STANDARD PROCTOR.

OWNER SHALL BE RESPONSIBLE FOR ALL TESTING COSTS.

ALL CONCRETE SHALL HAVE A MINIMUM 4,000 PSI 28 DAY COMPRESSIVE STRENGTH.

ALL GRADES ALONG GUTTERS, SWALES, FLOWLINES SHALL BE LINEAR INTERPOLATION BETWEEN SPOT ELEVATIONS SHOWN.

SITE PLAN
FULL SIZE SCALE: 1" = 10'
HALF SIZE SCALE: 1" = 20'

N

GRAPHIC SCALE
10 0 5 10 20
(IN FEET)
1" = 10'

THE "ORIGINAL" OF THIS DOCUMENT, WHICH PROFESSIONAL ENGINEER'S SEAL IS AFFIXED HEREWITH, IS ON FILE AT THE OFFICES OF ALLGEIER, MARTIN and ASSOCIATES, INC.
CIVIL ENGINEER: MICHAEL ATKINSON
LICENSE NO. 18933
MICHAEL ROY ATKINSON 18933 KANSAS PROFESSIONAL ENGINEER
1-8-14
32 and 34

ALLGEIER, MARTIN and ASSOCIATES, INC.
CONSULTING ENGINEERS and SURVEYORS
7231 EAST 24th STREET, JOPLIN, MISSOURI 64804 (417) 680 - 7200

THIS DRAWING IS A DOCUMENT OF SERVICE AND IS THE PROPERTY OF ALLGEIER, MARTIN and ASSOCIATES, INC. THIS DRAWING MAY NOT BE USED ON OTHER THAN THIS PROJECT WITHOUT THE WRITTEN CONSENT OF ALLGEIER, MARTIN and ASSOCIATES, INC.

CERTIFICATE OF AUTHORITY KANSAS NO. E-17

DATE	REVISION

DWN. BY:	SRM
CKD. BY:	MCK
APPD. BY:	MRA
DATE:	JAN., 2014

SITE PLAN
3RD STREET AND SPRUCE STREET INTERSECTION IMPROVEMENT
COFFEYVILLE, KANSAS

DWG No. 1

NOTE: SCALE FOR 11 x 17 SIZE SHEET, HALF OF SCALE NOTED.

CONTROL TABLE							
CONTROL	DESCRIPTION	ALIGNMENT	STATION	OFFSET	ELEVATION	NORTHING	EASTING
# 112	CP PK	3RD STREET	1+29.36	11.60 L	748.37	1461687.40	2150109.78
# 114	CP PK	CENTRAL	5+45.51	19.46 L	745.83	1461281.65	2150162.85

NOTES:

ANY DITCHING OR GRADING NECESSARY TO DRAIN ADJACENT AREAS SHALL BE INCLUDED IN THIS WORK.

PROJECT AREA IS EXTREMELY FLAT, THEREFORE EXTREME CARE SHALL BE TAKEN TO SET AND FINISH GRADES TO PROMOTE DRAINAGE.

FINAL ELEVATIONS SHALL BE APPROVED AND/OR ADJUSTED BY THE ENGINEER IMMEDIATELY FOLLOWING THE PLACEMENT OF FORMWORK AND PRIOR TO PLACEMENT OF CONCRETE.

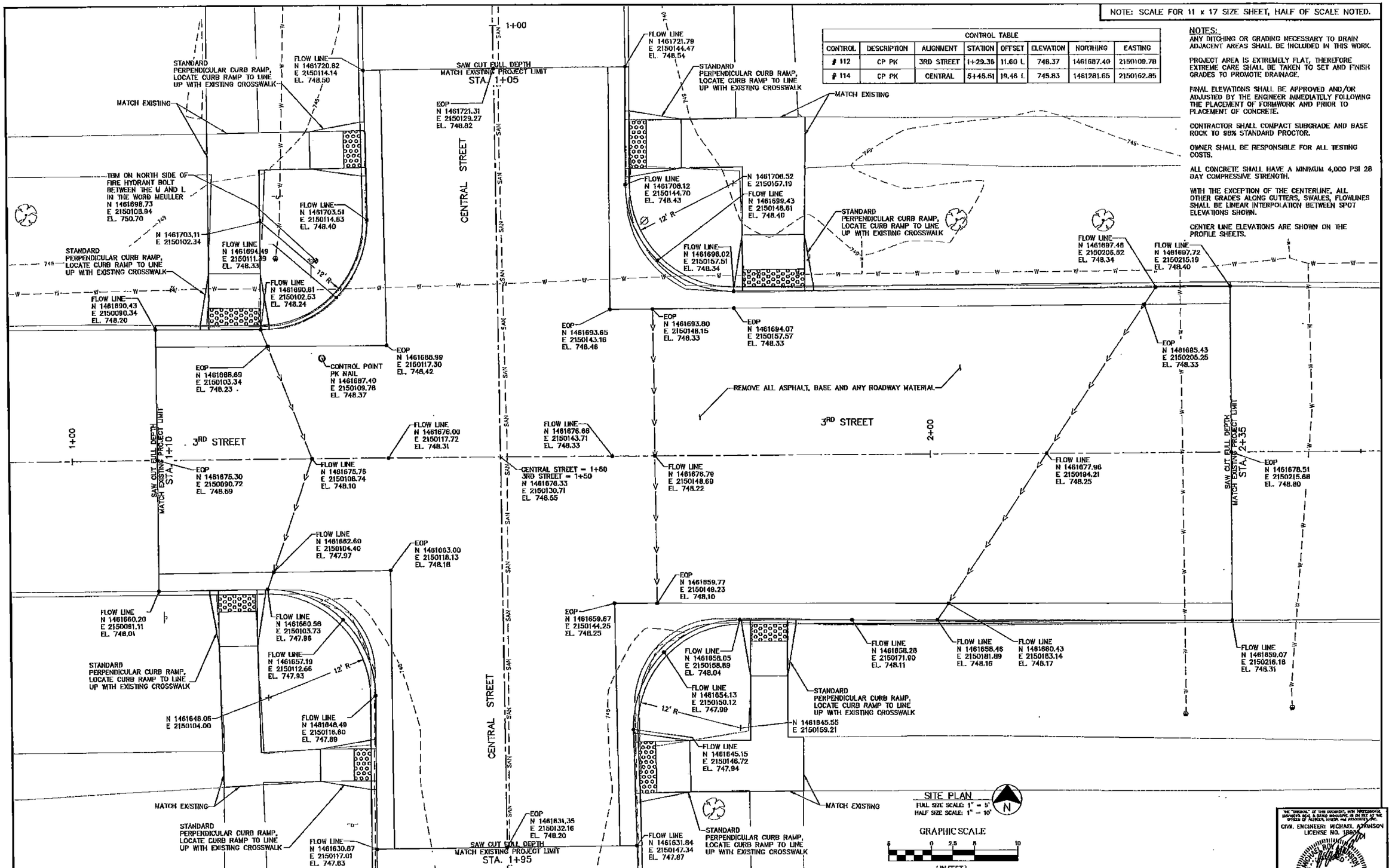
CONTRACTOR SHALL COMPACT SUBGRADE AND BASE ROCK TO 98% STANDARD PROCTOR.

OWNER SHALL BE RESPONSIBLE FOR ALL TESTING COSTS.

ALL CONCRETE SHALL HAVE A MINIMUM 4,000 PSI 28 DAY COMPRESSIVE STRENGTH.

WITH THE EXCEPTION OF THE CENTERLINE, ALL OTHER GRADES ALONG GUTTERS, SWALES, FLOWLINES SHALL BE LINEAR INTERPOLATION BETWEEN SPOT ELEVATIONS SHOWN.

CENTER LINE ELEVATIONS ARE SHOWN ON THE PROFILE SHEETS.



SITE PLAN

FULL SIZE SCALE: 1" = 5'
HALF SIZE SCALE: 1" = 10'

GRAPHIC SCALE

(IN FEET)

"THE ORIGINAL" OF THIS DOCUMENT, WITH WATERMARK, ENGRAVED SEAL & EMBOSSED SEAL IS ON FILE AT THE OFFICES OF ALLGEIER, MARTIN and ASSOCIATES, INC.

CIVIL ENGINEER: MICHAEL A. ATKINSON
LICENSE NO. 18833

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CONSULTING ENGINEERS and SURVEYORS
7231 EAST 24th STREET, JOPLIN, MISSOURI 64804 (417) 680 - 7200

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CERTIFICATE OF AUTHORITY KANSAS NO. E-17

DATE	REVISION

DWN. BY:	RCP
CKD. BY:	MRA
APPD. BY:	MRA
DATE:	AUG., 2012

SITE PLAN
3RD AND CENTRAL INTERSECTION IMPROVEMENT
COFFEYVILLE, KANSAS

DWG. No. 1