

CHICKASHA MUNICIPAL AUTHORITY

AGENDA

LOCATION OF MEETING

CITY HALL COUNCIL CHAMBERS

117 NORTH FOURTH STREET

CHICKASHA, OKLAHOMA 73018

TIME OF MEETING

6:30 PM

DATE OF MEETING

DECEMBER 7, 2020

1. **Call to Order**
2. **Consent Docket:**
 - a. Acceptance of the Minutes of the November 16, 2020 regular meeting.
 - b. Acceptance of the Claims List.
3. **Discussion/Approval of Items Removed from Consent Docket:**
4. **Discussion and Consideration**
 - a. Discussion, consideration and possible action on reduction of price and extension of closing date for Apache Cove Lot #5 due to easement issues.
 - b. Discussion, consideration and possible action to authorize staff to solicit bids for the rehabilitation of Douglas Street.
 - c. Discussion, consideration and possible action to authorize staff to solicit

bids for concrete street repairs on Utah Street between 8th Street and 9th Street.

5. **Executive Session:**

6. **Motion to Adjourn.**



City of
CHICKASHA

Meeting Type: CMA Agenda 12-7-2020

Meeting Date: 12/7/2020

Department: City Clerk

Agenda Item No. 2.a.

AGENDA ITEM: Acceptance of the Minutes of the November 16, 2020 regular meeting.

I. BACKGROUND/DESCRIPTION:

II. RECOMMENDED ACTION:

Accept Minutes of the November 16, 2020 regular meeting.

III. FISCAL INFORMATION -

IV. FUND INFORMATION:

Dept. Director: Susan M. McDaniel, City Clerk	Fund	Account	Amount
	(To)		
	FUND	ACCOUNT	AMOUNT
Meeting Date: December 7, 2020	(From)		

V. ATTACHMENTS:

1. CMA 11-16-2020

November 16, 2020

The **REGULAR** meeting of the **CHICKASHA MUNICIPAL AUTHORITY** was held in the Council Chambers in City Hall on the 16th day of November 2020, as specified by advance public notice with a properly prepared agenda stating the subject matter or matters to be discussed at said meeting. Chairman Mosley called the meeting to order at 6:46 p.m.

ITEM 1. **Call to Order / Roll Call**

CHAIRMAN AND TRUSTEES

PRESENT: Chris Mosley, Chairman
 Kimberly Loggins, Vice-Chairman
 Jim Hopkins
 Oscar Nelson
 Brian Gerdes
 David Sikes
 R. P. Ashanti-Alexander
 Clark VanDyck
 Zachary Grayson

ABSENT: None.

STAFF

PRESENT: John Noblitt, City Manager
 Amanda Mullins, City Attorney
 Leasa Furr, Asst. City Manager
 Susan M. McDaniel, City Clerk
 Kathryn Rowell, Police Chief
 Shae Mortimer, Marketing & Civic Engagement Manager
 Jim Cowan, EDC
 Tony Samaniego, Deputy Fire Chief

ITEM 2. **Consent Docket: ITEM 2a – ITEM 2c**

ITEM 2a. **Acceptance of the minutes of the November 2, 2020 regular meeting.**

ITEM 2b. **Acceptance of Claims List.**

6:46 P.M.

ITEM 2c. Acceptance of Financial Report for October 2020.

*Motion by Trustee Hopkins, second by Trustee Grayson to approve Consent Docket:
ITEM 2a – ITEM 2c.

Roll call vote:

Ayes:” Hopkins, Nelson, Loggins, VanDyck, Ashanti-Alexander Sikes,
Gerdes, Grayson and Mosley.

“Nays:” None

“Abstain:” None

Motion carried. 9-0

ITEM 3. Discussion / Approval of Items Removed from Consent Docket:

No action taken on Item 3.

ITEM 4. Discussion and Consideration:

No items were presented.

ITEM 5. Motion to Adjourn.

*Motion by Trustee Grayson, second by Trustee Sikes to adjourn.

Meeting adjourned.

TIME: 6:47 P.M.

Chris Mosley, Chairman

ATTEST:

Susan M. McDaniel, City Clerk

(SEAL)

Approved this 7th day of December 2020.



City of
CHICKASHA

Meeting Type: CMA Agenda 12-7-2020

Meeting Date: 12/7/2020

Department: Finance

Agenda Item No. 2.b.

AGENDA ITEM: Acceptance of the Claims List.

I. BACKGROUND/DESCRIPTION:

II. RECOMMENDED ACTION:

Accept Claims List.

III. FISCAL INFORMATION -

IV. FUND INFORMATION:

Dept. Director: NAME, TITLE	Fund	Account	Amount
	(To)		
	FUND	ACCOUNT	AMOUNT
Meeting Date: December 7, 2020	(From)		

V. ATTACHMENTS:



City of
CHICKASHA

Meeting Type: CMA Agenda 12-7-2020

Meeting Date: 12/7/2020

Department: Administration

Agenda Item No. 4.a.

AGENDA ITEM: Discussion, consideration and possible action on reduction of price and extension of closing date for Apache Cove Lot #5 due to easement issues.

I. BACKGROUND/DESCRIPTION:

- The sale for Lot #5 was approved on September 21, 2020 for \$55,000.00.
- During the closing process, an easement issue was discovered.
- Due to the encroachment on the property, the offer was reduced to \$42,000.00. The purchaser will cancel the sales contract if this offer is rejected.
- Reduction is in lieu of City paying attorneys to clear encroachment from title for sell to proceed.
- With the encroachment issue and the time the property has been on the market the listing agent recommends accepting the offer of \$42,000.00.
- The closing would be pushed to 12/22/2020 due to these issues.

II. RECOMMENDED ACTION:

Staff recommends accepting the offer of \$42,000.00 and the closing extension of 12/22/2020.

III. FISCAL INFORMATION -

IV. FUND INFORMATION:

Dept. Director: John Noblitt, City Manager	Fund	Account	Amount
	(To)		
	FUND	ACCOUNT	AMOUNT
Meeting Date:	(From)		

December 7, 2020		
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V. ATTACHMENTS:

1. Apache Coves Lot5 Extension Reduction 11.19.20

OKLAHOMA REAL ESTATE COMMISSION*This is a legally binding Contract; if not understood, seek advice from an attorney.***SUPPLEMENT**

This Supplement, which is attached to and is part of the Oklahoma Uniform Contract of Sale of Real Estate between
City of Chickasha ("Seller") and

Christopher Moak ("Buyer")

relating to the following described real estate located in Delaware County, Oklahoma, at:

(Legal Description or Property Address) TBD E 332 Loop, Jay, OK 74346 (Lot 5 Apache Cove)

The closing date is extended to 12/22/2020 to allow time for approval of price reduction.

Sales price is reduced to \$42,000.00, buyer to purchase as-is with encroachments.

Altho the other terms and conditions of the Uniform Contract of Sale of Real Estate shall remain the same.

Christopher Moak 11/19/2020
 Buyer's Signature Date

 Seller's Signature Date

 Buyer's Signature Date

 Seller's Signature Date



City of
CHICKASHA

Meeting Type: CMA Agenda 12-7-2020

Meeting Date: 12/7/2020

Department: Public Works

Agenda Item No. 4.b.

AGENDA ITEM: Discussion, consideration and possible action to authorize staff to solicit bids for the rehabilitation of Douglas Street.

I. BACKGROUND/DESCRIPTION:

- On October 12th 2020 the City Manager signed task order 20-009 with Chisholm Trail Consulting to develop a bid packet consisting of Drawings and Specifications for the rehabilitation of Douglas Street.
- The project will consist of the Reconstruction of Douglas Street from Elm Street to Maple Street and Resurfacing Douglas Street from Maple Street to Ada Sipuel Avenue.

II. RECOMMENDED ACTION:

Authorize Staff to solicit bids for the rehabilitation of Douglas Street.

III. FISCAL INFORMATION - 53-503-6450.015.1 - Annual Overlay Program

IV. FUND INFORMATION:

Dept. Director: David Buchanan, Public Works	Fund	Account	Amount
	(To)		
	FUND	ACCOUNT	AMOUNT
Meeting Date: December 7, 2020	(From) 53-503-6450.015.1		

V. ATTACHMENTS:

1. BID PKT CHICKASHA DOUGLASS STR REHAB DRAFT 20.11.24 (1)



**RFP CMA-2005
BITUMINOUS PAVEMENT REHABILITATION
DOUGLASS STREET FROM ELM TO ADA SIPUEL**

CITY OF CHICKASHA

CHICKASHA, OKLAHOMA

SPECIFICATIONS & CONTRACT DOCUMENTS

Prepared by:



CHISHOLM TRAIL CONSULTING, LLC

CA 7771
2124 Scott Lane
Duncan, Ok 73533
580-467-8130
rscottv11@gmail.com



Randall Scott Vaughn, P.E., 15194

OK P.E. No. 15194

Date

RFP CMA-2005
BITUMINOUS PAVEMENT REHABILITATION
DOUGLASS STREET FROM ELM TO ADA SIPUEL AVE

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE #</u>
Request for Proposals	3
Bid Proposal and Required Affidavits	4-6
Agreement.....	7-9
Required Bonds.....	10-13
Instructions to Bidders.....	14

SPECIFICATIONS

I.	GENERAL CONDITIONS	15
II.	SEQUENCE OF CONSTRUCTION.....	16
	BASE REPAIR SCHEDULE	1 PAGE
	ASPHALT PATCHING SCHEDULE	1 PAGE

<u>DRAWINGS</u>	6 PAGES
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**Request for Proposal – RFP CMA-2005
BITUMINOUS PAVEMENT REHABILITATION
DOUGLASS STREET FROM ELM AVE TO ADA SIPUEL AVE**

Advertise Dates: **XXXXXXXXXX, 2020**
 XXXXXXXXXX, 2020

The City of Chickasha, Oklahoma is accepting sealed proposals for the Bituminous Pavement Rehabilitation Project.

The project consists of process existing base and surface, base repair, resurfacing and related elements located on Douglass Street between Elm Avenue and Ada Sipuel Avenue in Chickasha, Oklahoma.

Bids shall be made in accordance with this Invitation for Bids and the Bidding Documents.

There will be a **mandatory** Pre-Bid meeting on XXXXXXXXXX, 2020 at 10:30 a.m. at the City Conference Room, Second Floor – City Hall, 117 N. 4th Street, Chickasha, Oklahoma, 73018.

Sealed proposals shall be addressed to Mr. John Noblitt, City Manager, City of Chickasha, 117 North 4th Street, Chickasha, Oklahoma 73018, and shall be labeled “RFP CMA-2005 DO NOT OPEN” and “ Bituminous Pavement Rehabilitation Project, Douglass Street.” Proposals shall be submitted no later than 1:30 p.m. local time on **XXXXXXXXXX, 2020**. It is the sole responsibility of the proponent to ensure that this proposal is actually in the City Hall of the City of Chickasha prior to the expiration of the time and date stated above. Bids will be opened the same date at 1:30 p.m. in the City Conference Room, Second Floor – City Hall, 117 N. 4th Street, Chickasha, Oklahoma 73018.

The Issuing Office for the Bidding Documents is: City of Chickasha. Technical questions should be emailed to David Buchanan, Public Works Director, at david.buchanan@chickasha.org or by calling 405.222.6086. Bidding Documents also may be examined at: City of Chickasha Website <http://www.chickasha.org/Bids.aspx>. Bid documents must be obtained by accessing the project on QUESTCDN.com, linked to the previously listed page.

Upon consideration of the proposals, the City of Chickasha reserves the right to accept or reject any and all proposals, to waive technicalities and to make any investigation deemed necessary concerning the proponent’s ability to provide the services as covered by the specifications, and to accept what in their judgment is the most advantageous proposal.

Due to the type of project this is, the contractor will be able to use tax exempt on this project.

John Noblitt
John Noblitt, City Manager

C E R T I F I C A T I O N

I certify that the above “Request for Proposal” was posted on the bulletin board of City Hall, City of Chickasha, Oklahoma, on the _____ day of _____, 2020.
Susan McDaniel, City Clerk



117 North 4th Street
Chickasha, Ok 73018

BID PROPOSAL
BITUMINOUS PAVEMENT
REHABILITATION, DOUGLASS
STREET

Submission Deadline: XXXXXXX, 2020
12:00 p.m.

Proposal of _____
(hereinafter called "Bidder"), organized and existing under the laws of the
State of _____, doing business as _____
to the City of Chickasha (hereinafter call "Owner").

In compliance with your Advertisement for Bids, Bidder hereby proposes to perform all
work for the construction of Bituminous Pavement Rehabilitation Project, Douglass
Street, in Chickasha, Oklahoma in strict accordance with the contract documents
within the time set forth therein and at the prices stated on the Bid Schedule.

Bidder: _____ By: _____
Name of Company *Signature & Title*

Mailing Address: _____

Phone No Fax No Email

SUBSCRIBED AND SWORN TO BEFORE ME THIS _____ DAY OF _____ 20 ____ .

MY COMMISSION EXPIRES:

NOTARY PUBLIC

BID SCHEDULE

BASE BID

ITEM NO.	DESCRIPTION	UNIT	EST QTY	UNIT PRICE	TOTAL
202(PL)	LINEAR GRADING	STA	11.22	\$	\$
303(A)	AGGREGATE BASE	CY	110.00	\$	\$
310(B)	SUBGRADE, METHOD B	SY	120.00	\$	\$
311(B)	PROC. EX. SURF/BSE, METH B	SY	1,200.00	\$	\$
403(A)	CHIP SEAL (DOUBLE TRTMT)	SY	1,140.00	\$	\$
403(PL)	CHIP SEAL (BASE REPAIR)	SY	130.00	\$	\$
880(J)	CONSTR TRAFFIC CTRL	LSUM	1.00	\$	\$

TOTAL BASE BID \$ _____

TOTAL BASE BID (WORDS) _____

ALTERNATE BID NUMBER 1

ITEM NO.	PAY ITEM DESCRIPTION	UNITS	EST QTY	UNIT PRICE	TOTAL
202(PL)	LINEAR GRADING	STA	11.22	\$	\$
303(A)	AGGREGATE BASE	CY	100.00	\$	\$
310(B)	SUBGRADE, METHOD B	SY	120.00	\$	\$
311(B)	PROC. EX. SURF/BSE, METH B	SY	1,200.00	\$	\$
411(PL)	ASPH. CONC. TYPE B	TON	180.00	\$	\$
411(PL)	ASPH. CONC. PATCHING	TON	40.00	\$	\$
880(J)	CONSTR TRAFFIC CTRL	LSUM	1.00	\$	\$

TOTAL ALTERNATE BID NUMBER 1 \$ _____

TOTAL ALTERNATE BID 1 (WORDS) _____

ALTERNATE BID NUMBER 2

ITEM NO.	PAY ITEM DESCRIPTION	UNITS	EST QTY	UNIT PRICE	TOTAL
414(PL)	CLASS A CONCRETE PAVEMENT	SY	27.78	\$	\$
509(D)	CLASS C CONCRETE	CY	5.00	\$	\$
613(B)	CGSP, ROUND, 18" DIAMETER	LF	38.00	\$	\$
613(L)	PCES, ROUND, 18" DIAMETER	EA	4.00	\$	\$

TOTAL ALTERNATE BID NUMBER 2 \$ _____

TOTAL ALTERNATE BID 2 (WORDS) _____

BID SCHEDULE CONTINUED

TOTAL BASE BID PLUS ALTERNATE BID 2 (WORDS)

TOTAL ALTERNATE BID 1 PLUS ALTERNATE BID 2 (WORDS)

AFFIDAVIT OF NON-COLLUSION

STATE OF _____)
) ss
COUNTY OF _____)

The undersigned, of lawful age, being first sworn, on oath says that (s)he is the agent authorized by the bidder to submit the attached bid. Affiant further states that the bidder has not been a party to any collusion among bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding; or with any City official or employee as to quantity, quality or price in the prospective contract, or any other terms of said prospective contract; or in any discussions between bidders and any City official concerning exchange of money or other thing of value for special consideration in the letting of a contract; that the bidder has not paid, given or donated or agreed to pay, give or donate to any officer or employee of the City of Chickasha, Oklahoma, any money or other thing of value, either directly or indirectly, in the procuring of the award of a contract pursuant to this bid.

Bidder: _____ By: _____
Name of Company Signature & Title

Mailing Address: _____

Phone No: _____ Fax No: _____ Email: _____

SUBSCRIBED AND SWORN TO BEFORE ME THIS _____ DAY _____ OF 20 .

MY COMMISSION EXPIRES:

NOTARY PUBLIC:

BUSINESS RELATIONSHIPS AFFIDAVIT

STATE OF _____)
) ss
COUNTY OF _____)

_____, of lawful age, being first duly sworn, on oath says that (s)he is the agent authorized by the bidder to submit the attached bid. Affiant further states that the nature of any partnership, joint venture, or other business relationship presently in effect or which existed within one (1) year prior to the date of this statement with the architect, engineer, or other party to the project is as follows:

Affiant further states that any such business relationship presently in effect or which existed within one (1) year prior to the date of this statement between any officer or director of the bidding company and any officer or director of the architectural or engineering firm or other party to the project is as follows:

Affiant further states that the names of all persons having any such business relationships and the positions they hold with their respective companies or firms are as follows:

(If none of the business relationships hereinabove mentioned exist, affiant should so state.)

Firm _____ Agent _____

Address _____

Phone _____ Fax _____ Email _____

SUBSCRIBED AND SWORN TO BEFORE ME THIS _____ DAY _____ OF 20 ____.

MY COMMISSION EXPIRES:

NOTARY PUBLIC

AGREEMENT
(CONTRACT)

City of Chickasha
P.C. Concrete Pavement Repairs

THIS AGREEMENT is dated as of the _____ day of _____, in the year of 20____, by and between the CITY OF CHICKASHA, hereinafter referred to as OWNER, and _____ hereinafter referred to as the CONTRACTOR.

OWNER and CONTRACTOR, in consideration of the mutual covenants hereinafter set forth, agree as follows:

ARTICLE 1. WORK

CONTRACTOR shall complete all work as specified or indicated in the contract documents. The work is generally described as follows:

BITUMINOUS PAVEMENT REHABILITATION, DOUGLASS STREET FROM ELM AVENUE TO ADA SIPUEL AVENUE

ARTICLE 2. CONTRACT TIME

2.1 The work will be completed in 60 Calendar Days after the effective date of the Notice to Proceed.

2.2 Liquidated Damages. OWNER and CONTRACTOR recognize that time is of the essence of this agreement and that OWNER will suffer financial loss if the work is not substantially complete within the time specified in 2.1 above, plus any extensions thereof allowed. They also recognize the delays, expense and difficulties involved in proving, in a legal or arbitration proceeding, the actual loss suffered by OWNER if the work is not substantially completed on time. Accordingly, instead of requiring any such proof, OWNER and CONTRACTOR agree that as liquidated damages for delay (but not as a penalty) CONTRACTOR shall pay OWNER Five Hundred Dollars (\$500.00) for each day that expires after the time specified in paragraph 2.1 for substantial completion until the work is substantially complete.

ARTICLE 3. CONTRACT PRICE

3.1 OWNER shall pay CONTRACTOR for performance of the work in accordance with the contract documents in current funds as follows:

_____ Dollars.
(\$ _____)

ARTICLE 4. PAYMENT PROCEDURES

4.1 CONTRACTOR may submit an invoice or application for payment on a monthly basis at any time prior to completion of the work. All payments made by the Owner are subject to procedures established by the Owner to authorize payment at its regularly scheduled meetings. The Owner regularly scheduled meetings are held on the 1st and 3rd Monday of each month. Invoice or application for payment must be received in the City Administrator's office no less

than fifteen (15) business days prior to the regular meeting at which authorization for payment is to be requested.

4.2 Final Payment. Upon final completion and acceptance of the work, including all submittals, OWNER shall pay the remainder of the contract price, subject to the procedures noted in paragraph 4.1 above.

ARTICLE 5. CONTRACTOR'S REPRESENTATIONS

In order to induce OWNER to enter into this agreement, CONTRACTOR makes the following representations:

5.1 CONTRACTOR has familiarized himself with the nature and extent of the contract documents, and the written resolution thereof by the Owner is acceptable to CONTRACTOR.

5.2 CONTRACTOR has given the Owner written notice of all conflicts, errors, discrepancies or omissions that he has discovered in the contract documents, and the written resolution thereof by the Owner is acceptable to CONTRACTOR.

ARTICLE 6. CONTRACT DOCUMENTS

The contract documents which comprise the entire agreement between OWNER and CONTRACTOR are attached to this agreement, made a part hereof, and consists of the following:

6.1 This agreement (pages 1 to 3 inclusive).

6.2 Exhibits to this agreement (pages to inclusive).

6.3 Performance and other bonds, consisting of _____ pages.

6.4 Notice of Award.

6.5 Specifications bearing the title: **Bituminous Pavement Rehabilitation Project, Douglass Street.**

6.6 Addenda numbers to , inclusive.

6.7 CONTRACTOR'S bid (pages _____ to , inclusive).

6.8 Documentation submitted by CONTRACTOR prior to Notice of Award (pages 1 to inclusive).

6.9 Any modification, including change orders, duly delivered after execution of agreement. There are no contract documents other than those listed above in Article 6.

The contract documents may only be altered, amended, or repealed by written and approved change order.

ARTICLE 7. MISCELLANEOUS

7.1 No assignment by a party hereto of any rights under or interests in the contract documents will be binding on another party hereto without written consent of the party sought to

be bound; and specifically but without limitations, moneys that may become due and moneys that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment. No assignment will release or discharge the assignor from any duty or responsibility under the contract documents.

7.2 OWNER and CONTRACTOR each binds himself, his partners, successors, assigns, and legal representatives to the other party hereto, his partners, successors, assigns, and legal representatives in respect to all covenants, agreements and obligations contained in the contract documents.

IN WITNESS WHEREOF, the parties hereto have signed this agreement in duplicate. One counterpart has been delivered to OWNER and CONTRACTOR. All portions of the contract documents have been signed or identified by OWNER and CONTRACTOR.

This agreement will be effective the _____ day of _____ 20__.

OWNER:
CITY OF CHICKASHA

CONTRACTOR:

By: _____
Chairman

By: _____
Signature & Title

CORPORATE SEAL
Attest:

CORPORATE SEAL
Attest:

By: _____

By: _____

ADDRESS FOR GIVING NOTICES:

ADDRESS FOR GIVING NOTICES:

City of Chickasha

ATTN: City Manager

117 North 4th Street

Chickasha, OK 73018

Phone: 405-222-6045

Fax: 405-222-6004

John.Noblitt@chickasha.org

Phone: _____

Fax: _____

Email: _____

STATUTORY BOND

KNOW ALL MEN BY THESE PRESENTS:

That we, _____, as Principal, and _____, as Surety, are held firmly bound unto the City of Chickasha in the sum of

_____ DOLLARS (\$ _____), for the payment of which, well and truly to be made, we, and each of us, bind ourselves, our heirs, executors and assigns, themselves, and its successors and assigns, jointly and severally, firmly by these presents.

Dated this _____ day of _____, 20 .

The conditions of this obligation are such, that whereas, the above Bonded Principal _____ is the lowest and best bidder for the making of the following work and improvements, viz:

Bituminous Pavement Rehabilitation Project, Douglass Street in Chickasha, Oklahoma (Project)

and has entered into a certain written contract with the City of Chickasha on the _____ day of _____ 20 , for the construction of said work and improvement, in exact accordance with the bid of said Principal, and according to certain specifications heretofore made, adopted and placed on file in the office of the City Clerk of the City of Chickasha.

NOW, THEREFORE, if said principal shall fail or neglect to pay all indebtedness incurred by said Principal or subcontractor of said Principal who perform work in the performance of such, for labor and materials furnished by any supplier and consumed in the performance of said contract, and such repairs to and rental of machinery and equipment as may be furnished by a subcontractor to the person or persons contracting with this Owner within thirty (30) days after the same becomes due and payable, the person, firm or corporation entitled thereto may sue and recover on this bond, the amount so due and unpaid.

It is further expressly agreed and understood by the parties hereto that no changes or alterations in said Contract and no deviations from the plan or mode of procedure herein fixed shall have the effect of releasing the sureties, or any of them, for the obligations of this Bond.

IN WITNESS WHEREOF, the said Principal has caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its duly authorized officers, and the said Surety has caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its attorney—in—fact, duly authorized so to do, the day and year first above written.

ATTEST:

Secretary

Principal

By: _____

Surety

By: _____

ATTEST:

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS THAT:

_____, as Principal,
and _____, a corporation
organized under the laws of the State of _____, as Surety, are held and firmly bound unto
the City of Chickasha, in the penal sum of _____ Dollars
(\$ _____) in lawful money of the United States of America, for the payment of
which, well and truly to be made, we bind ourselves and each of us, our heirs, executors, administrators,
trustees, successors, and assigns, jointly and severally, firmly by these presents.

The condition of this obligation is such that WHEREAS, said Principal entered into a written contract
with the City of Chickasha, dated _____, 20__, for the Bituminous Pavement Rehabilitation
Project, Douglass Street in Chickasha, Oklahoma (PROJECT) all in compliance with the specifications
therefore, made a part of said Contract and on file in the office of the City Clerk, City of Chickasha,
Oklahoma.

NOW THEREFORE, if said Principal shall, in all particulars, well, truly and faithfully perform and abide
by said Contract and each and every covenant, condition, and part thereof, and shall fulfill all obligations
resting upon said Principal by the terms of said Contract and said specifications, and if said Principal shall
protect and save harmless said City of Chickasha from any pecuniary loss resulting from the breach of any
of the items, covenants and conditions of said Contract resting upon said Principal, then this obligation
shall be null and void, otherwise to be and retain in full force and effect.

It is further expressly agreed and understood by the parties hereto that no changes or alternations in said
Contract and no deviations from the plan or mode of procedure herein fixed shall have the effect of
releasing the Sureties, or any of them, from the obligations of this Bond.

IN WITNESS WHEREOF, the said Principal has caused these presents to be executed in its name and its
corporate seal to be hereunto affixed by its duly authorized officers, and the said Surety has caused these
presents to be executed in its name and its corporate seal to be hereunto affixed by its attorney-in-fact,
duly authorized so to do, the day and year set forth below.

Dated this ____ day of _____, 20__.

Principal

ATTEST:

Secretary

By: _____

Surety

ATTEST:

By: _____

MAINTENANCE BOND

KNOW ALL MEN BY THESE PRESENTS:

That we, _____ as Principal,
and _____, as Surety, are
held and firmly bound into the CITY OF CHICKASHA, a Municipal Corporation in the State of
Oklahoma, in the full and just sum of

_____ DOLLARS
(\$ _____) such sum being equal to the contract price for the payment of
which, well and truly to be made, we, and each of us, bind ourselves, our heirs, executors, and
assigns, themselves, and its successors and assigns, jointly and severally, firmly by these
presents.

The conditions of this obligation are such, that whereas, said Principal, has by certain contract
between _____ and the CITY OF CHICKASHA
dated this _____ day of _____ 20__, agreed to perform for the City of
Chickasha, Bituminous Pavement Rehabilitation Project, Douglass Street in compliance with the
specifications therefore, made part of said contract and on file in the office of the City Clerk of
the City of Chickasha; and to maintain the said improvement in the amounts set forth above
against any failure due to workmanship or material for a period of ONE year from the date of
acceptance of the work by the City of Chickasha.

NOW THEREFORE, if said Principal shall pay or cause to be paid to the City of Chickasha all
damages, loss and expense, which may result by reason of defective materials and/or
workmanship in connection with said work, occurring within a period of ONE year from and
after acceptance of said project by the OWNER; and if Principal shall save and hold harmless the
OWNER from all damages, loss and expense occasioned by or resulting from any failure
whatsoever of said Principal, then this obligation shall be null and void, otherwise to be and
remain in full force and effect.

It is further agreed that if the said Principal or Surety herein shall fail to maintain said
improvements against any failure due to defective workmanship and/or material for a period of
ONE year and at any time repairs shall be necessary, that the cost of making said repairs shall be
determined by the City of Chickasha or some person(s) designated by them to ascertain the same;
and if, upon thirty (30) days' notice, the said amount ascertained shall not be paid by the
Principal or Surety herein, or if the necessary repairs are not made, that said amount shall become
due upon the expiration of thirty (30) days and suit may be maintained to recover the amount so
determined in any court of competent jurisdiction; and that the amount so determined shall be
conclusive upon the parties as to the amount due on this bond for the repair(s) included therein,
and that the cost of all repairs shall be so determined from time-to-time during the life of this
bond as the conditions of the improvements may require.

It is further expressly agreed and understood by the parties hereto that no changes or alterations
in said contract and no deviations from the plan or mode of procedure herein fixed shall have the
effect of releasing the sureties, or any of them, from the obligations of this bond.

IN WITNESS WHEREOF, the said Principal has caused these presents to be executed in its name
and its corporate seal to be hereunto affixed by its duly authorized officers; and the said Surety
has caused these presents to be executed in its name and its corporate seal to be hereunto affixed

by its attorney-in-fact, duly authorized so to do, the day and year first above written.

ATTEST:

Principal

Secretary

By: _____

Surety

ATTEST:

By: _____

City of Chickasha
Bituminous Pavement Rehabilitation

INSTRUCTIONS TO BIDDERS

1. Bid documents and copies of specifications shall be obtained from QUESTCDN.com. Bid documents, plans, and specifications may be examined at the City Clerk's Office, 117 N. 4th Street, Chickasha, Oklahoma 73018.
2. A cashier's check or a certified check on a solvent bank in Oklahoma or a bid bond in the amount of five percent (5%) of the bid shall accompany the proposal of each bidder. The check or bond shall be made payable to the Owner. All checks or bonds will be returned to unsuccessful bidders. This check or bond shall be as a guarantee of contractor's ability to perform the contract bid upon, and that he will enter into a written contract with the Owner to perform said work and/or furnish said materials in accordance with said specifications and furnish the required bonds within ten (10) business days after the acceptance of his bid. No bidder may withdraw his bid for a period of sixty (60) days after the closing date for the receipt of bids.
3. In accordance with Oklahoma statutes, any bid must be accompanied by a Non-Collusion Affidavit and a Business Relations Affidavit. All bidders shall use the enclosed forms to satisfy this requirement.
4. Any bids received after the closing time will be returned unopened. Minority and small business owners are encouraged to submit proposals.
5. A Maintenance Bond guaranteeing the repair of all damage due to improper materials or workmanship for a period of one (1) year after the acceptance of the work by the Owner will be required.
6. In accordance with O.S. Title 61, if the total bid price exceeds \$50,000.00, the following provisions regarding Performance Bond and Statutory Payment Bond shall apply.
7. A Performance Bond and a Statutory Payment Bond in the amount of 100% of the contract price each with a Corporate Surety licensed in Oklahoma and approved by the Owner will be required for the faithful performance of the contract, and the bidder shall state in the proposal the name and address of the Surety or Sureties who will sign this bond in case the contract is awarded to him. Copies of required bond forms are included in the bid packet.
8. **Attendance at the Pre-Bid Conference is MANDATORY. Bids will not be accepted from firms who do not have a representative attending the Pre-Bid Conference. No plans, specifications or bid documents will be issued after the Pre-Bid Conference. All bidders must visit and inspect the construction sites and shall be familiar with the physical characteristics and conditions at the construction sites prior to submitting a bid.**

City of Chickasha
Bituminous Pavement Rehabilitation

SPECIFICATIONS

1. GENERAL CONDITIONS

- 1.1. Proposal is to perform Bituminous Pavement Rehabilitation as described below and on the drawings on Douglass Street between Elm Avenue and Ada Sipel Avenue in Chickasha, Oklahoma.
- 1.2. Quoted prices shall remain valid for not less than 60-days.
- 1.3. The prices bid shall be for completed work as specified herein. Details necessary for completed work not listed herein shall be considered incidental to the work and will not be paid for separately.
- 1.4. All Bidders must submit a bid for either the Base Bid or Alternate Bid Number 1. Bidders may submit a bid for both. The City of Chickasha reserves the right to award or reject either the Base Bid or Alternate Bid Number 1.
- 1.5. All Bidders must submit a bid for Alternate Bid Number 2. The City of Chickasha reserves the right to award or reject Alternate Bid Number 2.
- 1.6. The City of Chickasha reserves the right to reject any and all bids.
- 1.7. Oklahoma Department of Transportation (ODOT) Standard Specifications for Highway Construction, 1999 Edition (for Asphalt Concrete Type B only) and 2009 Edition and Standard Drawings shall govern the technical provisions. ODOT Standard Specifications and Standard Drawings are not provided herein but are available on ODOT's web page. Bidders/Contractor are responsible for obtaining these Standard Specifications and Drawings.
- 1.8. During execution of this contract, the term "Department" shall mean the City of Chickasha Public Works Department.
- 1.9. During execution of this contract, the terms "Engineer" or "Resident Engineer" shall mean the Engineer retained by the City of Chickasha. The Owner reserves the right to consider alternative proposals submitted in writing by Bidders or by the Contractor.
- 1.10. Refer to the Drawings for additional information.
- 1.11. Contractor shall be responsible for Quality Control of all products and the work.
- 1.12. The work shall proceed continuously from Notice to Proceed until Final Completion.
- 1.13. Contractor shall perform all work consistent with MUTCD and OSHA regulations and requirements.
- 1.14. Dimensions and distances provided are approximate. Contractor shall verify dimensions in the field before ordering materials.
- 1.15. Contractor shall participate in a pre-construction conference with the Owner before beginning work.
- 1.16. All materials shall be new and shall be of standard production as offered by the manufacturer, unless otherwise approved by the Owner.
- 1.17. Contractor shall submit two hard copies of materials submittals for review and acceptance by the Owner prior to ordering materials.
- 1.18. Douglass Street may be closed to through traffic during construction. Refer to the Pay Item Notes for more details. All other existing streets, roads and alleys shall remain open to all traffic during construction.

- 1.19. All work shall comply with the applicable Rules, Codes and Standards listed in these Special Provisions, and all Federal, State and Local codes and ordinances, as well as any other authorities that may have lawful jurisdiction pertaining to the work specified. None of the terms or provisions of this specification shall be construed as waiving any of the rules, regulations or requirements of these authorities. The contractor shall procure all necessary permits or licenses to carry out his work.
- 1.20. In any instance where these specifications call for materials for construction of a better quality or larger capacity than required by the codes, the provisions of these specifications shall take precedence. The codes shall govern in other cases of direct conflict between the codes and the specifications.
- 1.21. Purchases of materials for this project shall be exempt from Sales taxes and use taxes as provided for by State law.

2. SEQUENCE OF CONSTRUCTION

- 2.1. Contractor shall provide written notice to the City of Chickasha two weeks in advance of starting work.
- 2.2. Contractor shall give written notice to all residents, occupants or businesses that may be affected by the work. Said written notice shall be delivered no less than 48 hours, nor more than two (2) weeks prior to the start time of any disruption. The written form may be "Door Hangers", but in any event shall be submitted to and approved by the Owner's Representative prior to use. At a minimum the form shall contain: Project Identification, Contractor Name, Contractor Address, Contractor Telephone number, type of construction, reason for affecting or disrupting service and duration of such disruption.
- 2.3. All work shall be complete within 60 Calendar Days after starting work.
- 2.4. All work shall be subject to seasonal limitations as listed in ODOT Specifications:
 - 2.4.1. Base Bid: May 15 through September 15
 - 2.4.2. Alternate Bid Number 1: None
 - 2.4.3. Alternate Bid Number 2: None
- 2.5. OWNER and CONTRACTOR recognize that time is of the essence of this agreement and that OWNER will suffer financial loss if the work is not substantially complete within the time specified in 2.1 above, plus any extensions thereof allowed. They also recognize the delays, expense and difficulties involved in proving, in a legal or arbitration proceeding, the actual loss suffered by OWNER if the work is not substantially completed on time. Accordingly, instead of requiring any such proof, OWNER and CONTRACTOR agree that as liquidated damages for delay (but not as a penalty) CONTRACTOR shall pay OWNER Five Hundred Dollars (\$500.00) for each day that expires after the time specified in paragraph II.B above for substantial completion until the work is substantially complete.

0. PAY ITEM NOTES

BASE BID

- 3.1. Pay Item "LINEAR GRADING" includes all cost of providing materials, labor and equipment necessary to construct grading as indicated on the Typical Sections, and shall include the following at a minimum:
 - 3.1.1. Salvaging Topsoil, Excavation, Embankment and placing salvaged topsoil on completed slopes.

- 3.1.2. Grading ditches to drain.
- 3.1.3. Coordinate with and assist the City of Chickasha Public Works Department in cleaning existing culvert pipes to facilitate drainage. City of Chickasha Public Works Department will provide jetting, flushing and/or vacuum equipment and operator(s) to perform the cleaning process.
- 3.1.4. Removing grass and other debris from the pavement section prior to processing existing surface and base and prior to resurfacing.
- 3.1.5. Applying temporary cover crop of annual rye grass by seeding.
- 3.1.6. Payment for this item of work will be based on the length of completed sections.
- 3.2. Pay Item "AGGREGATE BASE" includes all cost of providing materials, labor and equipment necessary to construct Aggregate Base Type A at patch locations indicated on the Base Repair Schedule.
 - 3.2.1. Payment for this item of work will be based on the theoretical volume of Aggregate Base Type A determined from the length and width of completed patches multiplied by the specified thickness. Specified thicknesses are as follows:
 - 3.2.1.1. Typical Section 1: 3-inches, blend with processed material.
 - 3.2.1.2. Base Repairs: 6-inches
- 3.3. Pay Item "SUBGRADE METHOD B" includes all cost of providing materials, labor and equipment necessary to complete Subgrade Method B as indicated on the Typical Sections.
 - 3.3.1. Payment for this item of work will be based on the length and width of completed sections.
- 3.4. Pay Item "PROC. EX. SURF/BSE, METH B" includes all cost of providing materials, labor and equipment necessary to complete Processing Existing Surface and Base, Method B as indicated on the Typical Sections.
 - 3.4.1. Payment for this item of work will be based on the area of completed sections.
- 3.5. Pay Item "CHIP SEAL (DOUBLE TRTMT)" includes all cost of providing materials, labor and equipment necessary to:
 - 3.5.1. Provide and install an estimated quantity of 43.1 tons of No. 1 Cover Aggregate and an estimated quantity of 37.7 tons of No. 2 Cover Aggregate. Estimated application rate of No. 1 Cover Aggregate is 40 lb./SY. Estimated application rate of No. 2 Cover Aggregate is 35 lb./SY. Actual application rates will be determined during construction based on field conditions.
 - 3.5.2. Provide and install an estimated quantity of 1,614.7 gallons of PMCRS-2S Bituminous Binder. Estimated application rate of Bituminous Binder is 0.75 gal/SY residual asphalt. Actual application rates will be determined during construction based on field conditions.
 - 3.5.3. Fill all depressions and deep cracks with PMCRS-2S and No. 2 Cover Aggregate before applying Chip Seal. Payment for this work will not be paid for separately but shall be considered incidental to the work for Chip Seal (Double Treatment).
- 3.6. Pay Item "CHIP SEAL (BASE REPAIR)" includes all cost of providing materials, labor and equipment necessary to complete the following at Base Repair locations indicated on the Base Repair Schedule:
 - 3.6.1. Sawing pavement as necessary.

- 3.6.2. Pavement removal. Dispose all removed materials in a manner approved by the Owner.
- 3.6.3. Apply Chip Seal to Base Repair area using No. 1 Cover Aggregate. Estimated application rate of No. 1 Cover Aggregate is 40 lb./SY. Estimated application rate of Bituminous Binder is 0.4 gal/SY residual asphalt.
- 3.6.4. Payment for this item of work will be based on the area in Square Yards of work completed.
- 3.7. Pay Item "CONST TRAFFIC CONTROL" includes all cost of providing materials, labor and equipment necessary to provide, install and maintain Construction Traffic Control Devices in accordance with the Manual on Uniform Traffic Control Devices (MUTCD) during construction. Pay Item includes cost of removal of said traffic control devices as soon as the work is complete.
 - 3.7.1. Douglass Street may be closed to through traffic during the daytime only while construction activity takes place on Douglass Street.
 - 3.7.2. Access shall be maintained to all properties at all times.
 - 3.7.3. Construction Traffic Control shall include Construction Warning signs placed on David Street advising of "Fresh Oil" and "Loose Gravel". All such signs shall remain place at least two weeks after Douglass Street has been chip sealed.

ALTERNATE BID NUMBER 1

- 3.8. Pay Item "LINEAR GRADING" includes all cost of providing materials, labor and equipment necessary to construct grading as indicated on the Typical Sections, and shall include the following at a minimum:
 - 3.8.1. Salvaging Topsoil, Excavation, Embankment and placing salvaged topsoil on completed slopes.
 - 3.8.2. Grading ditches to drain.
 - 3.8.3. Coordinate with and assist the City of Chickasha Public Works Department in cleaning existing culvert pipes to facilitate drainage. City of Chickasha Public Works Department will provide jetting, flushing and/or vacuum equipment and operator(s) to perform the cleaning process.
 - 3.8.4. Removing grass and other debris from the pavement section prior to processing existing surface and base and prior to resurfacing.
 - 3.8.5. Applying temporary cover crop of annual rye grass by seeding.
 - 3.8.6. Payment for this item of work will be based on the length of completed sections.
- 3.9. Pay Item "AGGREGATE BASE" includes all cost of providing materials, labor and equipment necessary to construct Aggregate Base Type A at patch locations indicated on the Base Repair Schedule.
 - 3.9.1. Payment for this item of work will be based on the theoretical volume of Aggregate Base Type A determined from the length and width of completed patches multiplied by the specified thickness. Specified thicknesses are as follows:
 - 3.9.1.1. Typical Section 1: 3-inches, blend with processed material.
 - 3.9.1.2. Patching: 6-inches
- 3.10. Pay Item "SUBGRADE METHOD B" includes all cost of providing materials, labor and equipment necessary to complete Subgrade Method B as indicated on the Typical Sections.

- 3.10.1. Payment for this item of work will be based on the length and width of completed sections.
- 3.11. Pay Item "PROC. EX. SURF/BSE, METH B" includes all cost of providing materials, labor and equipment necessary to complete Processing Existing Surface and Base, Method B as indicated on the Typical Sections.
 - 3.11.1. Payment for this item of work will be based on the area of completed sections.
- 3.12. Pay Item "ASPHALT CONCRETE, TYPE B" includes all cost of providing materials, labor and equipment necessary to:
 - 3.12.1. Provide and install Asphalt Concrete Type B overlay as indicated on the typical sections. All work shall be completed in accordance with Section 411 of the ODOT Standard Specifications for Highway Construction, 1999 Edition. The estimated quantity of 241.1 tons includes an estimated quantity of 7.0 tons of asphalt for street and driveway returns.
 - 3.12.2. Provide and install an estimated quantity of 108.0 gallons of Tack Coat.
- 3.13. Pay Item "ASPH. CONC. PATCHING" includes all cost of providing materials, labor and equipment necessary to complete the following at patch locations indicated on the Patching Schedule.
 - 3.13.1. Sawing pavement as necessary.
 - 3.13.2. Pavement removal. Dispose all removed materials in a manner approved by the Owner.
 - 3.13.3. Estimated quantity of 153.6 SY of pavement removal. Price bid to include cost of disposing of all removed materials in a manner approved by the Owner.
 - 3.13.4. Payment for this item of work will be based on weight tickets for asphalt concrete used in completed patches in accordance with Section 411 of ODOT Standard Specifications for Highway Construction, 1999 Edition.
- 3.14. Pay Item "CONST TRAFFIC CONTROL" includes all cost of providing materials, labor and equipment necessary to provide, install and maintain Construction Traffic Control Devices in accordance with the Manual on Uniform Traffic Control Devices (MUTCD) during construction. Pay Item includes cost of removal of said traffic control devices as soon as the work is complete.
 - 3.14.1. Douglass Street may be closed to through traffic during the daytime only while construction activity takes place on Douglass Street.
 - 3.14.2. Access shall be maintained to all properties at all times.

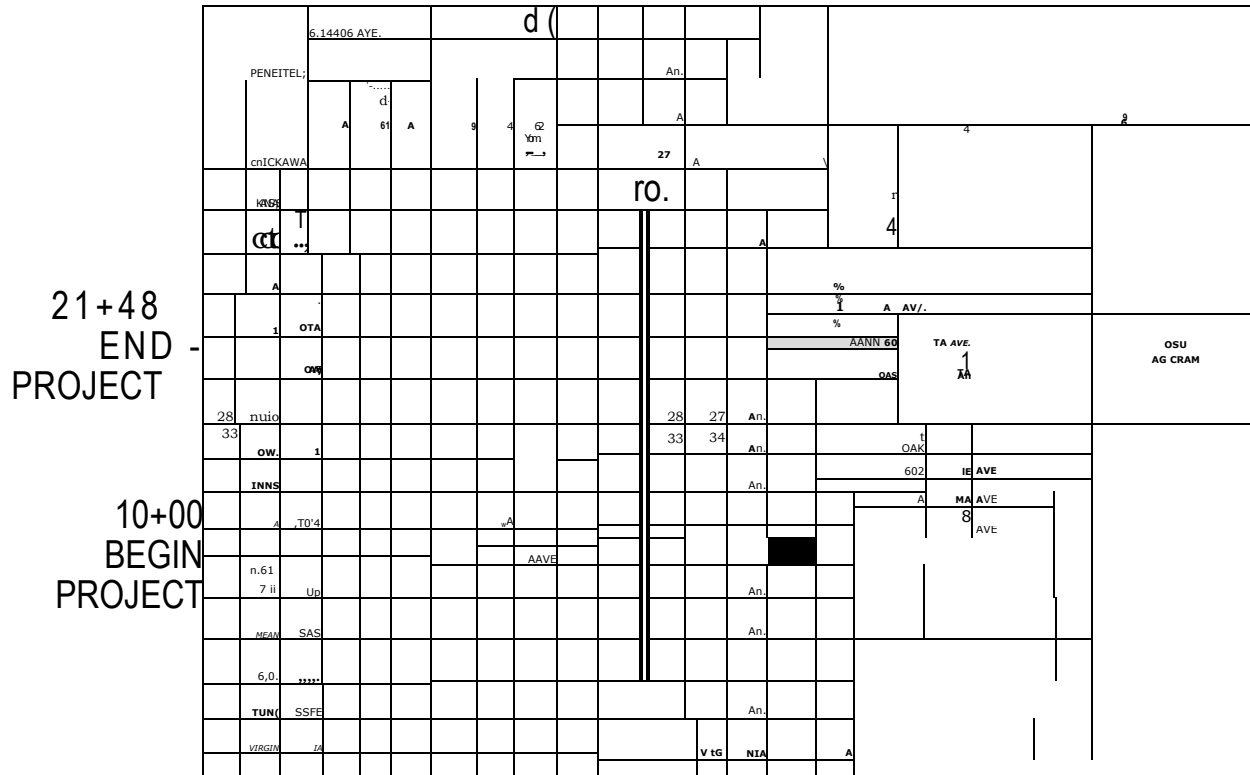
ALTERNATE BID NUMBER 2

- 3.15. Pay Item "CLASS A CONCRETE PAVEMENT" includes all cost of providing materials, labor and equipment necessary to construct alley entryways as indicated on the Drawings, and shall include the following at a minimum:
 - 3.15.1. Salvaging Topsoil, Excavation, Embankment and placing salvaged topsoil on completed slopes.
 - 3.15.2. Removal of existing concrete and other debris necessary to construct the alley entryway.

- 3.15.3. Construction of Aggregate Base Type A as shown on the drawings.
- 3.15.4. Sawing pavement as necessary.
- 3.15.5. Providing and placing Class A Concrete pavement.
- 3.15.6. Payment for this item of work will be based on the area of completed pavements.
- 3.16. Pay Item "CLASS C CONCRETE" includes all cost of providing materials, labor and equipment necessary to construct paved ditches as indicated on the Drawings, and shall include the following at a minimum:
 - 3.16.1. Salvaging Topsoil, Excavation, Embankment and placing salvaged topsoil on completed slopes.
 - 3.16.2. Sawing curbs as necessary.
 - 3.16.3. Removal of existing concrete curbs as necessary to construct the paved ditches.
 - 3.16.4. Providing and placing Class C Concrete.
 - 3.16.5. Constructing paved ditches to ensure positive drainage using surveying and/or leveling methods in a manner approved by the Owner.
 - 3.16.6. Payment for this item of work will be based on the factor of 0.1149 CY per LF of completed paved ditch.
 - 3.16.7. Estimated pay quantity includes 0.5 CY to be used in a manner approved by the Owner.
- 3.17. Pay Item "CGSP, ROUND, 18" DIAMETER" includes all cost of providing materials, labor and equipment necessary to construct culverts as indicated on the Drawings and in accordance with Section 613 of the specifications and Standard Drawing SPI-4-1, at the following locations:
 - 3.17.1. 20+07 Left
 - 3.17.2. 20+07 Right
- 3.18. Pay Item "PCES, ROUND, 18" DIAMETER" includes all cost of providing materials, labor and equipment necessary to construct metal prefabricated culvert end sections as indicated on the Drawings and in accordance with Section 613 of the specifications and Standard Drawing PCES-4-1.

CITY OF CHICKASHA
PLAN OF PROPOSED
BITUMINOUS PAVEMENT REHABILITATION
DOUGLASS STREET
FROM ELM STREET TO ADA SIPUEL AVENUE
CMA-2005

JOHN NOBLITT
CITY MANAGER
DAVID BUCHANAN
PUBLIC WORKS DIRECTOR



LOCATION MAP

PROJECT LENGTH = 1,148.0 FEET
EXCEPTION: NONE

SHEET
NUMBER SHEET TITLE

- | | |
|---|----------------------------------|
| 1 | COVER SHEET |
| 2 | LOT AND BLOCK MAP |
| 3 | TYPICAL SECTIONS BASE BID |
| 4 | TYPICAL SECTIONS ALTERNATE BID 1 |
| 5 | ALLEY ENTRYWAY DETAILS |
| 6 | PAVED DITCH DETAILS |

THE ENTIRE PROJECT LIES WITHIN
THE CORPORATE LIMITS OF THE
CITY OF CHICKASHA.

CITY OF CHICKASHA SPECIFICATIONS AND
STANDARDS AND OKLAHOMA DEPARTMENT OF
TRANSPORTATION STANDARD
SPECIFICATIONS FOR HIGHWAY
CONSTRUCTION AS SPECIFIED IN THE BID
PROPOSAL AND OTHER CONTRACT
DOCUMENTS SHALL GOVERN THE WORK.

DATE

R. SCOTT VAUGHN, P.E., OKLA. REG. NO. 15194



PREPARED BY:

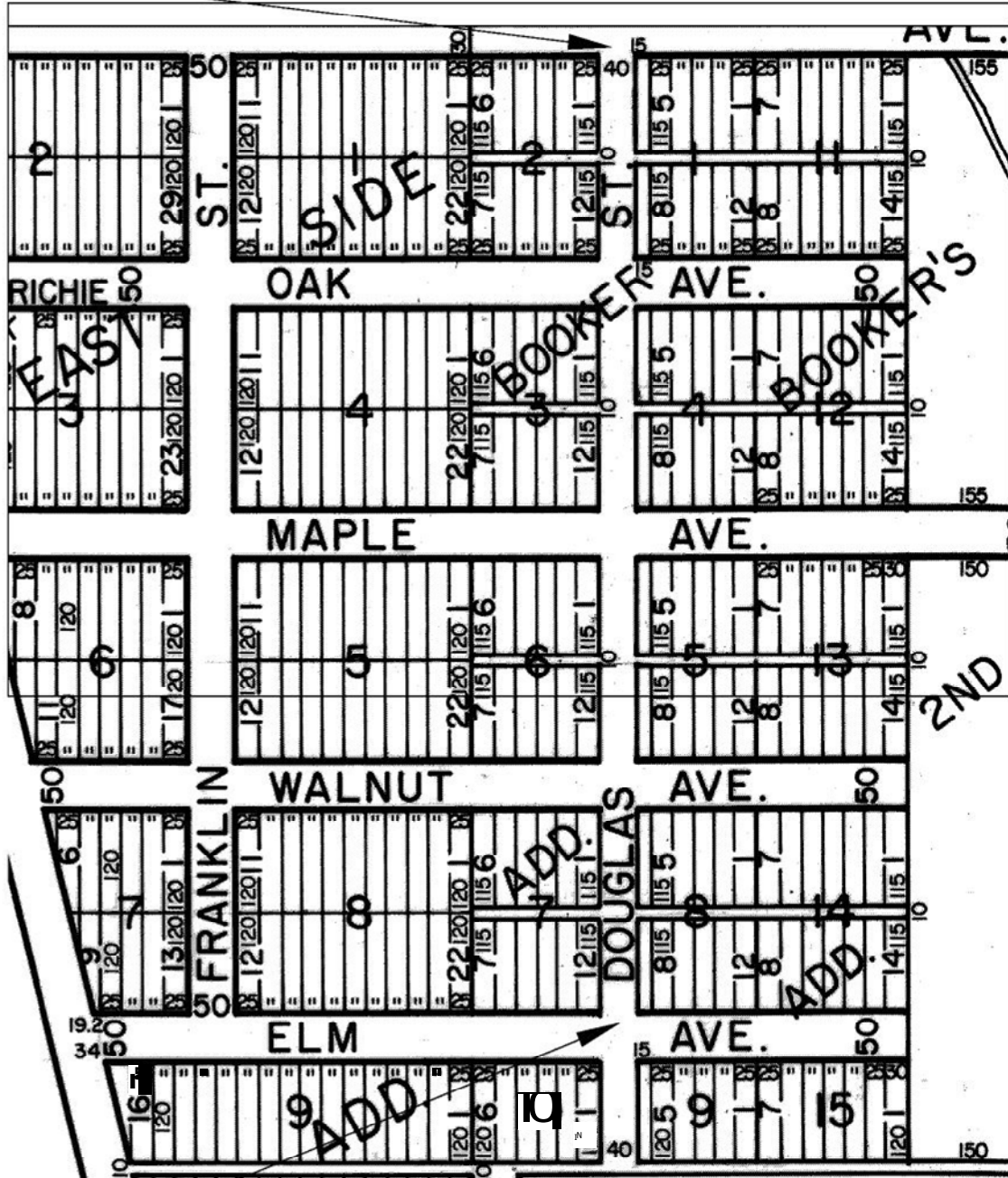
CHISHOLL TRAIL CONSULTING,
LLC 2124 SCOTT LANE
DUNWORTH, OK 73533
MS 1101272020 shed 1

CITY OF CHICKASHA
PLAN OF PROPOSED
BITUMINOUS PAVEMENT REHABILITATION
DOUGLASS STREET
FROM ELM STREET TO ADA SIPIUEL AVENUE

JOHN NOBLITT
CITY MANAGER

DAVID BUCHANAN
PUBLIC WORKS DIRECTOR

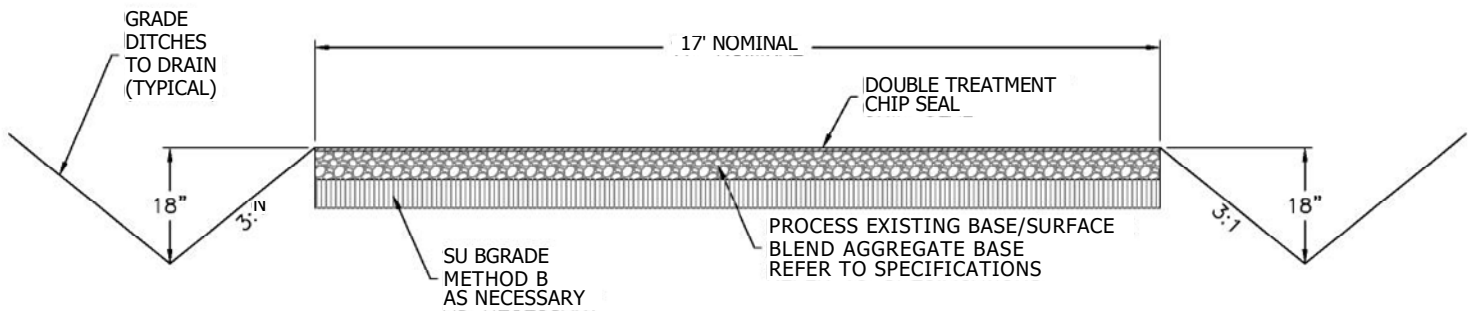
21+48
END
PROJECT



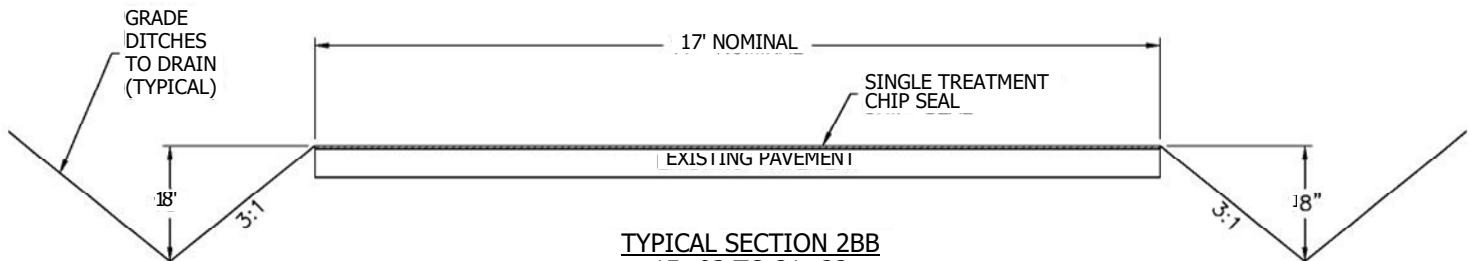
LOT AND BLOCK MAP

10+00
BEGIN
PROJECT

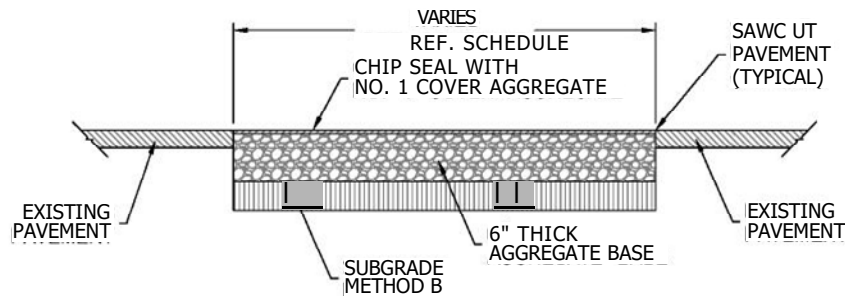




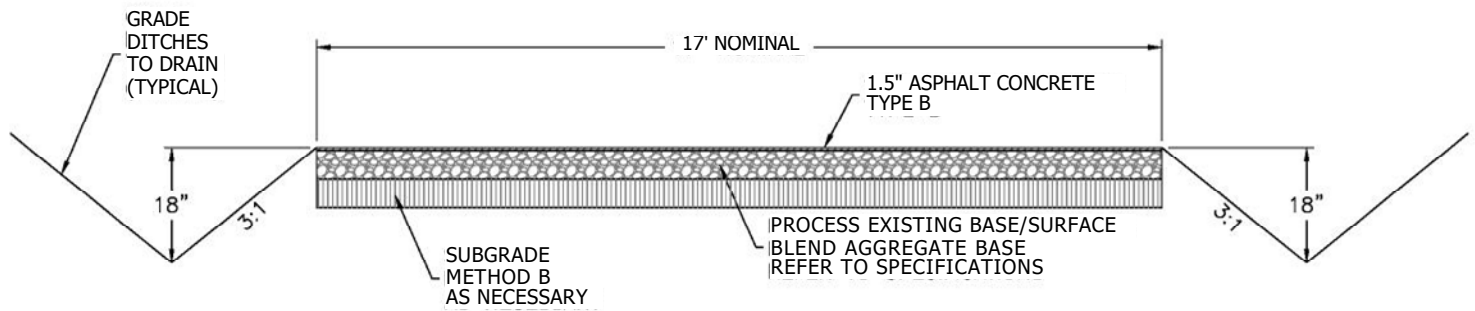
TYPICAL SECTION 1BB
 10+00 TO 15+93
 (NOT TO SCALE)
 (NORTH SIDE OF ELM TO NORTH
 SIDE OF MAPLE)



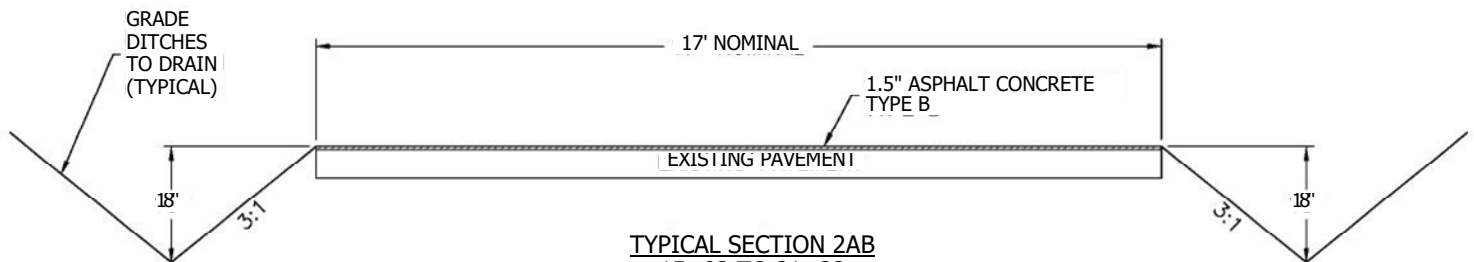
TYPICAL SECTION 2BB
 15+93 TO 21+22
 (NOT TO SCALE)
 (NORTH SIDE OF MAPLE TO SOUTH
 SIDE OF ADA SIPUEL)



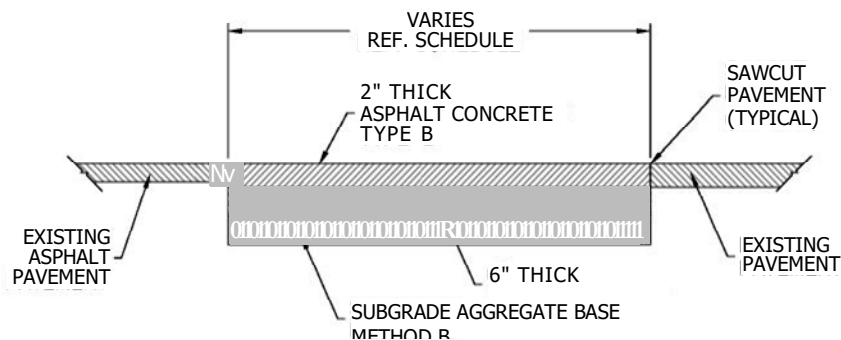
TYPICAL SECTION 3BB
 BASE REPAIR
 (NOT TO SCALE)



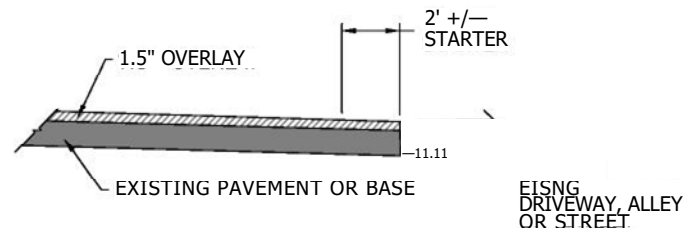
TYPICAL SECTION 1AB
 (NOT TO SCALE)
 10+00 TO 15+93
 (NORTH SIDE OF ELM TO NORTH SIDE OF MAPLE)



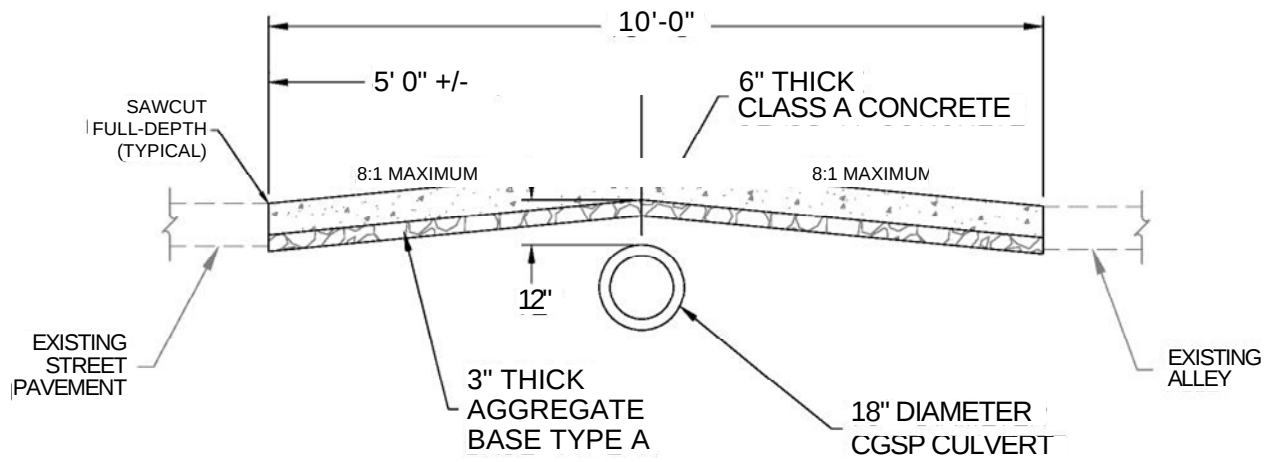
TYPICAL SECTION 2AB
 15+93 TO 21+22
 (NOT TO SCALE)
 (NORTH SIDE OF MAPLE TO SOUTH SIDE OF ADA SIPEL)



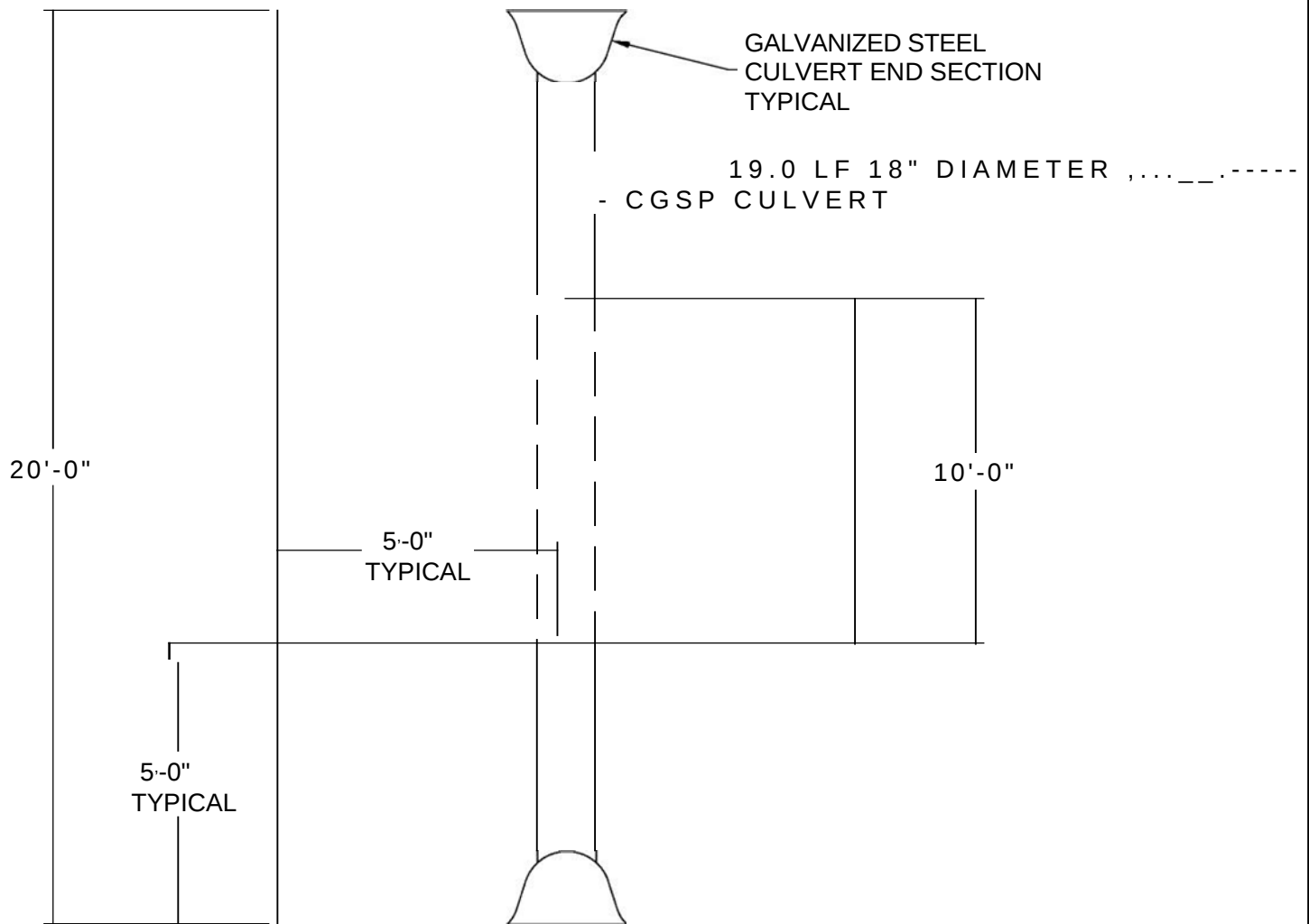
TYPICAL SECTION 3AB
 BASE BID
 ASPHALT CONCRETE PATCHING
 (NOT TO SCALE)



TYPICAL SECTION 4AB
 DRIVEWAY STARTER
 BASE BID
 (NOT TO SCALE)

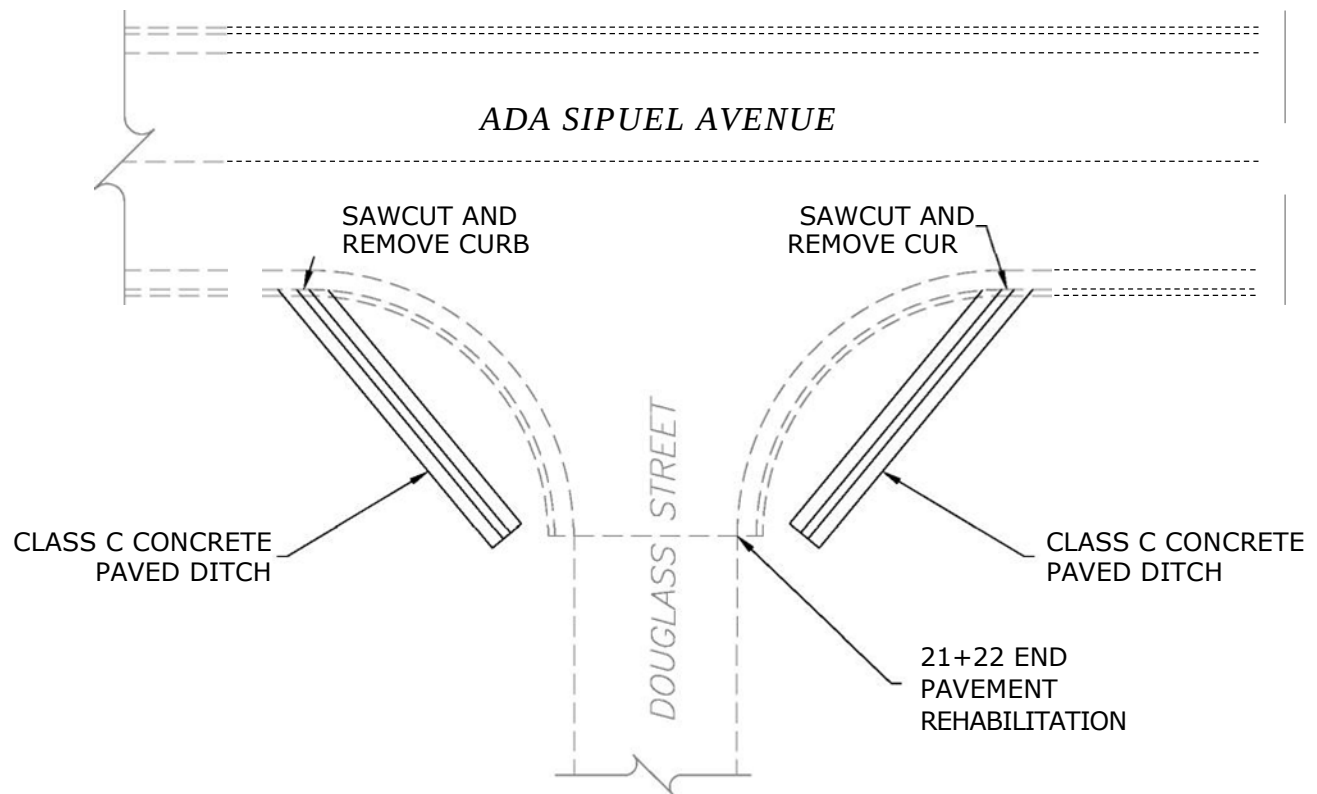


TYPICAL SECTION
ALLEY ENTRYWAYS
(NOT TO SCALE)

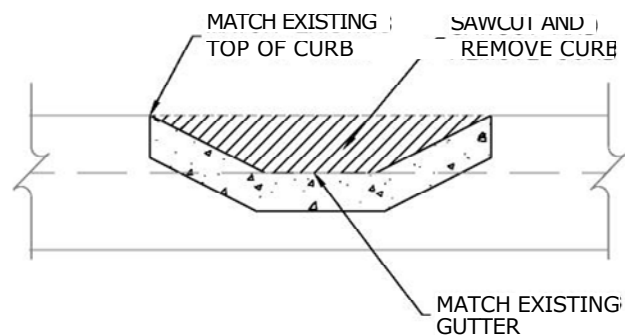
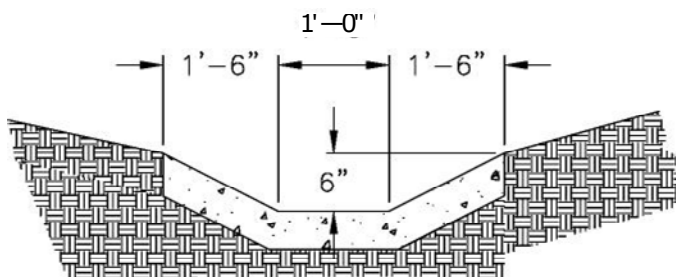


PLAN VIEW
ALLEY ENTRYWAYS
(NOT TO SCALE)





PLAN VIEW
END OF PROJECT



TYPICAL SECTIONS
PAVED DITCH
SAME AS ODOT STD. DC-3-2
DESIGN NO. 2
EXCEPT AS SHOWN
(NOT TO SCALE)



City of
CHICKASHA

Meeting Type: CMA Agenda 12-7-2020

Meeting Date: 12/7/2020

Department: Public Works

Agenda Item No. 4.c.

AGENDA ITEM: Discussion, consideration and possible action to authorize staff to solicit bids for concrete street repairs on Utah Street between 8th Street and 9th Street.

I. BACKGROUND/DESCRIPTION:

- On October 12th 2020 the City Manager signed task order 20-009 with Chisholm Trail Consulting to develop a bid packet consisting of Drawings and Specifications for concrete street repairs on Utah Street between 8th Street and 9th Street.
- The project consists of removing existing pavements and constructing new concrete pavement, curb and pipe underdrain and related elements located on Utah Avenue between 8th Street and 9th Street.

II. RECOMMENDED ACTION:

Authorize Staff to solicit bids to repair Utah Street between 8th Street and 9th Street.

III. FISCAL INFORMATION - 53-553-6450.015.2 / Concrete Roads/Curbs

IV. FUND INFORMATION:

Dept. Director: David Buchanan, Public Works Director	Fund	Account	Amount
	(To)		
	FUND	ACCOUNT	AMOUNT
Meeting Date: December 7, 2020	(From) 53-5536450-015.2		

V. ATTACHMENTS:

1. UTAH DWGS DRAFT 20.11.24
2. BID SPECS CHICKASHA UTAH STR REPAIRS 20.11.24

UTILITY COMPANIES

CITY OF CHICKASHA
LINE MAINTENANCE DEPT
405-222-6082
117 N. 4TH STREET
CHICKASHA, OK 73018

CENTERPOINT ENERGY
405-224-2740
619 W. CHICKASHA AVE.
CHICKASHA, OK 73018

AT&T
811

AEP-PSO
580-222-7636

SUDDENLINK
877-612-5036
1108 S. 4TH STREET
CHICKASHA, OK 73018

CITY OF CHICKASHA
PLAN OF PROPOSED
P.C. CONCRETE STREET REPAIRS
UTAH AVENUE
BETWEEN 8TH STR. AND 9TH STR.
JOHN NOBLITT
CITY MANAGER
DAVID BUCHANAN
PUBLIC WORKS DIRECTOR
RFP COC-2005

INDEX OF SHEETS

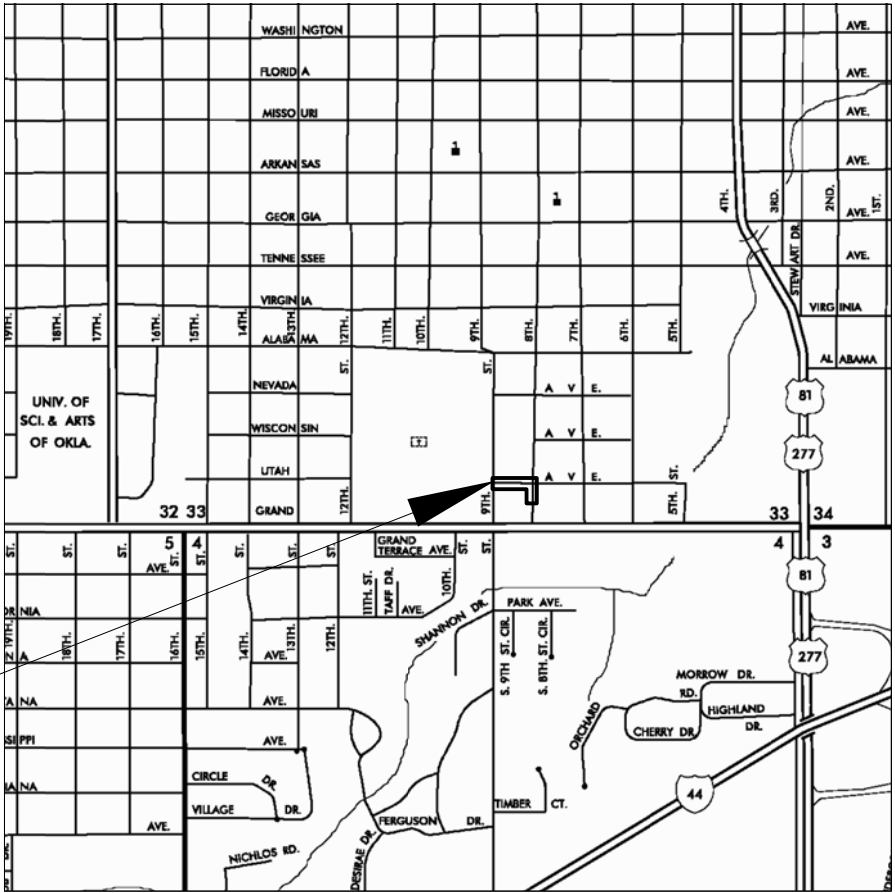
SHEET NUMBER	SHEET TITLE
1	TITLE SHEET
2	PAY QUANTITIES AND NOTES
3	TYPICAL SECTIONS AND DETAILS
4	EXISTING CONDITIONS
5	PROPOSED PAVEMENT REPAIRS
6	PROPOSED DRAINAGE IMPROVEMENTS
R-12	CONCRETE SURFACING CONSTRUCTION DETAILS
R-14	JOINTS AND SEALERS
R-15	LOAD TRANSFER UNITS
R-19	P.C. CONCRETE PAVEMENT REPAIR
R-53	PIPE UNDERDRAIN INSTALLATION
R-64	PAVED DITCHES AND FLUMES

PRIOR TO PERFORMING ANY GRADING OR EXCAVATING WORK, THE CONTRACTOR SHALL CALL OKIE811, THE OKLAHOMA ONE-CALL SYSTEM NOT LESS THAN 48 HOURS IN ADVANCE AND SHALL VERIFY OR ESTABLISH THE EXACT LOCATION AND DEPTH OF ALL UNDERGROUND LINES.



THE ENTIRE PROJECT LIES WITHIN THE CORPORATE LIMITS OF THE CITY OF CHICKASHA.

PROJECT
LOCATION



LOCATION MAP

DATE APPROVED BY CITY OF CHICKASHA

PRELIMINARY DRAWINGS
NOT APPROVED
FOR CONSTRUCTION



DATE RANDALL SCOTT VAUGHN, OKLA. REG. NO. 15194

PREPARED BY:

CITY OF CHICKASHA AND OKLAHOMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AS SPECIFIED IN THE BID PROPOSAL AND OTHER CONTRACT DOCUMENTS SHALL GOVERN THE WORK.

PROJECT LENGTH = 279.0 FEET

EXCEPTION: NONE

STATIONS ARE APPROXIMATE



CHISHOLM TRAIL CONSULTING, LLC
OK CA 7771
2124 SCOTT LANE
DUNCAN, OK 73533
580-467-8130

GENERAL CONSTRUCTION NOTES

ALL COSTS OF MAINTENANCE DURING CONSTRUCTION AND BEFORE THE PROJECT IS ACCEPTED SHALL BE INCLUDED IN THE UNIT PRICES BID ON THE VARIOUS PAY ITEMS. THE CONTRACTOR SHALL MAINTAIN THE WORK DURING CONSTRUCTION AND UNTIL THE PROJECT IS ACCEPTED. THIS MAINTENANCE SHALL CONSTITUTE CONTINUOUS AND EFFECTIVE WORK PROSECUTED DAY BY DAY, WITH ADEQUATE EQUIPMENT AND FORCES TO THE END THAT THE ROADWAY, DETOURS, PRIVATE OR PUBLIC DRIVES AND STRUCTURES ARE KEPT IN A SATISFACTORY CONDITION AT ALL TIMES. IF THE CONTRACTOR, AT ANY TIME, FAILS TO COMPLY WITH THESE PROVISIONS, THE OWNER'S REPRESENTATIVE MAY IMMEDIATELY NOTIFY THE CONTRACTOR OF SUCH NON-COMPLIANCE. IF THE CONTRACTOR FAILS TO REMEDY UNSATISFACTORY MAINTENANCE WITHIN 24 HOURS AFTER RECEIPT OF SUCH NOTICE, THE OWNER MAY IMMEDIATELY PROCEED TO MAINTAIN THE PROJECT, AND THE ENTIRE COST OF THIS MAINTENANCE WILL BE DEDUCTED FROM MONIES DUES OR BECOME DUE TO THE CONTRACTOR ON THIS CONTRACT.

THE CONTRACTOR SHALL NOTIFY THE CITY OF CHICKASHA IN WRITING A MINIMUM OF TWO WEEKS AND NO MORE THAN 30 DAYS PRIOR TO STARTING WORK.

CONTRACTOR SHALL GIVE WRITTEN NOTICE TO ALL RESIDENTS, OCCUPANTS OR BUSINESSES THAT MAY BE AFFECTED BY THE WORK. SAID WRITTEN NOTICE SHALL BE DELIVERED NO LESS THAN 48 HOURS, NOR MORE THAN 2 WEEKS PRIOR TO THE START TIME OF ANY DISRUPTION. THE WRITTEN FORM MAY BE "DOOR HANGERS", BUT IN ANY EVENT SHALL BE SUBMITTED TO AND APPROVED BY THE ENGINEER PRIOR TO USE. AT A MINIMUM THE FORM SHALL CONTAIN: PROJECT IDENTIFICATION, CONTRACTOR NAME, CONTRACTOR ADDRESS, CONTRACTOR TELEPHONE NUMBER, TYPE OF CONSTRUCTION, REASON FOR AFFECTING OR DISRUPTING SERVICE AND DURATION OF SUCH.

UTAH AVENUE SHALL BE CLOSED TO THROUGH TRAFFIC DURING CONSTRUCTION. CONTRACTOR SHALL MAINTAIN ACCESS TO THE EXISTING FUNERAL HOME AT ALL TIMES. CONTRACTOR SHALL COOPERATE WITH FUNERAL HOME REPRESENTATIVE TO MAINTAIN ACCESS AT ALL TIMES. ALL OTHER EXISTING STREETS, ROADS AND ALLEYS SHALL REMAIN OPEN TO TRAFFIC AT ALL TIMES.

REVISIONS PROPOSED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO BEGINNING ANY CONSTRUCTION SUBJECT TO THE REVISION. CONTRACTOR SHALL COORDINATE ROAD CLOSINGS WITH THE OWNER'S REPRESENTATIVE.

CONTRACTOR SHALL PROVIDE, INSTALL, MAINTAIN AND REMOVE UPON COMPLETION OF CONSTRUCTION ALL CONSTRUCTION CONTROL DEVICES NECESSARY TO CLOSE THE ROAD. COST TO BE INCLUDED IN PRICE BID FOR CONSTRUCTION TRAFFIC CONTROL

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER BARRICADES, LIGHTS, STRIPING AND SIGNING FOR THE PROJECT. CONSTRUCTION TRAFFIC CONTROL SHALL BE DONE ACCORDING TO THE STANDARDS SET FORTH IN THE CURRENT EDITION OF THE "MUTCD", "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

CONTRACTOR SHALL REMOVE AND RESET REGULATORY AND WARNING SIGNS AS REQUIRED DURING GRADING OPERATIONS. ALL OTHER SIGNS SHALL BE REMOVED AND STOCKPILED ON THE RIGHT-OF-WAY AS DIRECTED BY THE OWNER'S REPRESENTATIVE.

THE CONTRACTOR SHALL REMOVE AND RESET MAILBOXES AS NECESSARY. MAILBOXES ARE TO BE MAINTAINED IN AN UPRIGHT POSITION AND ACCESSIBLE TO MAIL CARRIER'S CAR DURING CONSTRUCTION. ANY DAMAGE TO MAILBOXES OR SUPPORTS SHALL BE REPAIRED BY THE CONTRACTOR. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

THE CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO ENSURE ADEQUATE DRAINAGE DURING CONSTRUCTION. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

GENERAL CONSTRUCTION NOTES (CONT.)

TREES OUTSIDE THE TOE OF FILL SLOPES AND TOP OF CUT SLOPES SHALL NOT BE DISTURBED UNLESS DIRECTLY INTERFERING WITH CONSTRUCTION OR HORIZONTAL SIGHT DISTANCE. ONLY A MINIMUM AMOUNT OF TREE REMOVAL SHOULD BE DONE.

EROSION CONTROL SHALL START WITH INITIAL CONSTRUCTION AND SHALL BE PRACTICED THROUGHOUT THE PROJECT.

IN ORDER TO ALLEVIATE DUST CONDITIONS DURING GRADING OPERATIONS AND BEFORE PAVEMENT WORK IS COMPLETED, THE CONTRACTOR SHALL SPRINKLE GRADING AT INTERVALS APPROVED BY THE ENGINEER. COST OF SPRINKLING TO BE INCLUDED IN PRICE BID FOR OTHER ITEMS OF WORK.

THE PROJECT SHALL BE CONSTRUCTED TO MAINTAIN ACCESS TO ALL PROPERTIES AT ALL TIMES.

THE CONTRACTOR SHALL INSTALL AND MAINTAIN BARRICADES, SAFETY FENCES AND/OR BARRIERS AS NECESSARY TO ENSURE PEDESTRIAN AND WORKER SAFETY IN ACCORDANCE WITH OKLAHOMA DEPARTMENT OF LABOR STANDARDS DURING CONSTRUCTION.

ANY DAMAGE CAUSED BY THE CONTRACTOR TO ANY STRUCTURES, ROADWAY SURFACES, STRIPING, RAISED PAVEMENT MARKERS, SIGNS, GUARDRAIL, AND SLOPES SHALL BE REPAIRED AT CONTRACTORS EXPENSE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.

PRIOR TO FINAL ACCEPTANCE ALL EXPOSED CURB SURFACES SHALL BE CLEANED OF ALL DISCOLORATION SUCH AS ASPHALT STAIN, TIRE MARKS, OR OTHER DISFIGUREMENT.

EXISTING UTILITIES MAY OR MAY NOT BE SHOWN ON PLAN SHEETS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE INFLICTED TO THE EXISTING UNDERGROUND UTILITIES WITHIN THE PROJECT AREA AS A RESULT OF THEIR DIGGING, TRENCHING, BORING, ETC..... PRIOR TO DIGGING NEAR THE UTILITIES, THE CONTRACTOR SHALL CALL THE OKIE 811 NOTIFICATION CENTER FOR A LIST OF ALL UNDERGROUND FACILITIES REGISTERED IN THE AREA OF CONSTRUCTION. THE OKIE 811 NOTIFICATION CENTER MAY BE NOTIFIED ONLINE AT okie811.org, BY CALLING 811 OR 1-800-522-6543. DEPTH OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

CONTRACTOR SHALL GIVE WRITTEN NOTICE TO ALL RESIDENTS, OCCUPANTS OR BUSINESSES THAT MAY BE AFFECTED BY THE WORK. SAID WRITTEN NOTICE SHALL BE DELIVERED NO LESS THAN 48 HOURS, NOR MORE THAN 2 WEEKS PRIOR TO THE START TIME OF ANY DISRUPTION. THE WRITTEN FORM MAY BE "DOOR HANGERS", BUT IN ANY EVENT SHALL BE SUBMITTED TO AND APPROVED BY THE ENGINEER PRIOR TO USE. AT A MINIMUM THE FORM SHALL CONTAIN: PROJECT IDENTIFICATION, CONTRACTOR NAME, CONTRACTOR ADDRESS, CONTRACTOR TELEPHONE NUMBER, TYPE OF CONSTRUCTION, REASON FOR AFFECTING OR DISRUPTING SERVICE AND DURATION OF SUCH.

ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE 2009 OKLAHOMA STANDARD SPECIFICATION FOR HIGHWAY CONSTRUCTION AND CITY OF CHICKASHA STANDARD SPECIFICATIONS AND CONSTRUCTION DRAWINGS.

CONCRETE MIXES WILL NOT INCLUDE GROUND FURNACE BLAST SLAG ,FLY ASH OR SILICA FUME.

THE CITY OF CHICKASHA WILL COORDINATE UTILITY RELOCATIONS AS NECESSARY.

OVERSAWING WILL NOT BE PERMITTED. MAKE PARTIAL DEPTH CUTS AND USE LIGHT JACKHAMMERS WHERE NECESSARY TO REMOVE EXISTING PAVEMENT.

SUMMARY OF QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	EST QTY
303(A)	AGGREGATE BASE TYPE A (1)	CY	80.00
310(B)	SUBGRADE METHOD B (2)	SY	343.00
414(PL)	CLASS A CONCRETE PAVEMENT (2) (3)	SY	343.00
509(D)	CLASS C CONCRETE (4)	CY	8.00
609(A)	CONCRETE CURB-INTEGRAL (5)	LF	80.00
613(H)	6" PERFORATED PIPE UNDERDRAIN (6)	LF	215.00
613(I)	6" NON-PERFORATED PIPE UNDERDRAIN (7)	LF	55.00
619(B)	REMOVAL OF EXISTING PAVEMENT (2) (8)	SY	343.00
880(J)	CONSTRUCTION TRAFFIC CONTROL (9)	LSUM	1.00

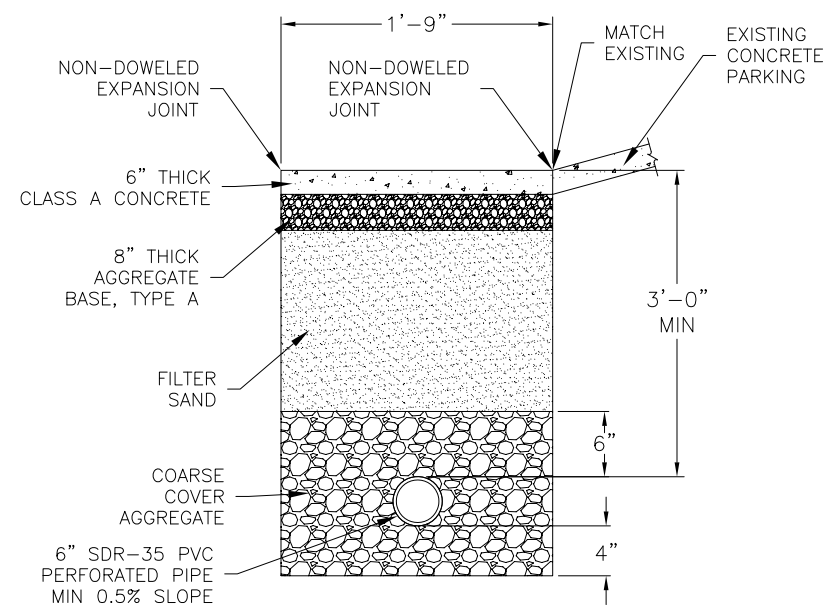
PAY ITEM NOTES:

PAYMENT WILL BE MADE ACCORDING TO THE SUMMARY OF QUANTITIES.

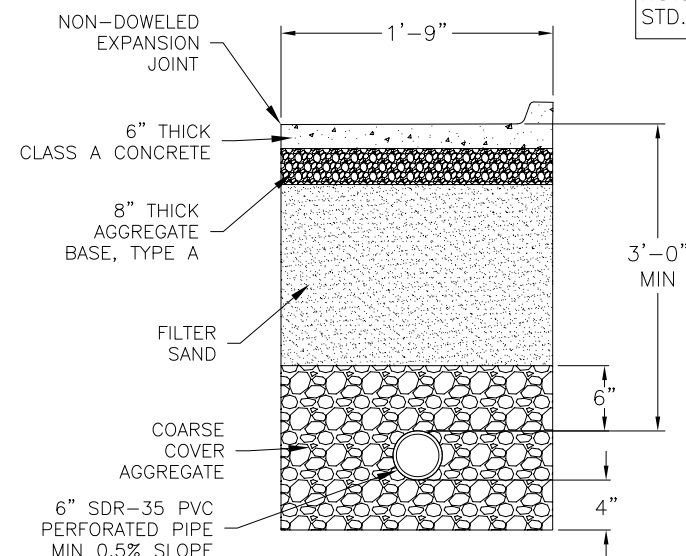
- (1) PAYMENT FOR THIS ITEM WILL BE BASED ON THEORETICAL VOLUME USING THE AREA OF AGGREGATE BASE CONSTRUCTED MULTIPLIED BY 8-INCH THICKNESS.
- (2) QUANTITY FOR THIS ITEM INCLUDES AN ESTIMATED 25.0 SY TO BE USED IN A MANNER APPROVED BY THE OWNER'S REPRESENTATIVE.
- (3) PRICE BID FOR THIS ITEM SHALL INCLUDE ALL COST OF PROVIDING CONCRETE AND PLACEMENT OF CONCRETE IN ACCORDANCE WITH THE DRAWINGS AND AS NECESSARY TO PROVIDE A COMPLETED PRODUCT. ITEMS TO BE CONSIDERED INCIDENTAL TO THE WORK INCLUDE BUT ARE NOT LIMITED TO CURING, SAWING, SEALING AND BACKFILL.
- (4) PRICE BID FOR THIS ITEM SHALL INCLUDE ALL COST OF PROVIDING CONCRETE AND PLACEMENT OF CONCRETE IN ACCORDANCE WITH THE DRAWINGS AND AS NECESSARY TO PROVIDE A COMPLETED PRODUCT. ITEMS TO BE CONSIDERED INCIDENTAL TO THE WORK INCLUDE BUT ARE NOT LIMITED TO SAWING, EXCAVATION AND BACKFILL. QUANTITY INCLUDES AN ESTIMATED QUANTITY OF 0.8 CY TO BE USED IN A MANNER APPROVED BY THE OWNER'S REPRESENTATIVE.
- (5) PRICE BID FOR THIS ITEM SHALL INCLUDE ALL COST OF PROVIDING CONCRETE AND PLACEMENT OF CONCRETE IN ACCORDANCE WITH THE DRAWINGS AND AS NECESSARY TO PROVIDE A COMPLETED PRODUCT. ITEMS TO BE CONSIDERED INCIDENTAL TO THE WORK INCLUDE BUT ARE NOT LIMITED TO CURING, SAWING, SEALING AND BACKFILL. CURB SHALL BE PLACED MONOLITHICALLY WITH PAVEMENT.
- (6) PRICE BID FOR THIS ITEM SHALL INCLUDE ALL COST OF PROVIDING AND INSTALLING PIPE, FITTINGS, COARSE COVER AGGREGATE, FILTER SAND AND PERFORMING TRENCHING AND BACKFILLING. PERFORATED PIPE UNDERDRAIN SHALL BE SDR-35 PVC PIPE.
- (7) PRICE BID FOR THIS ITEM SHALL INCLUDE ALL COST OF PROVIDING AND INSTALLING PIPE, FITTINGS, COARSE COVER AGGREGATE, AND AGGREGATE BASE TYPE A AND PERFORMING TRENCHING AND BACKFILLING. NON-PERFORATED PIPE UNDERDRAIN SHALL BE SDR-35 PVC PIPE.
- (8) PRICE BID FOR THIS ITEM SHALL INCLUDE THE COST OF REMOVAL AND PROPER DISPOSAL OF ALL PAVEMENTS, STRUCTURES, AND OTHER FEATURES OR OBSTRUCTIONS WHETHER SHOWN OR NOT SHOWN ON THE DRAWINGS, NECESSARY TO PROVIDE A COMPLETED PRODUCT. PRICE BID FOR THIS ITEM SHALL INCLUDE THE COST OF ALL SAWING, DO NOT OVERSAW. USE LIGHTWEIGHT JACKHAMMERS IF NECESSARY TO REMOVE EXISTING PAVEMENT.
- (9) PRICE BID FOR THIS ITEM SHALL INCLUDE THE COST OF ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO INSTALL, MAINTAIN AND REMOVE UPON COMPLETION THE NECESSARY BARRICADES, BARRIERS, SAFETY FENCES, ETC. TO CLOSE A PORTION OF THE EXISTING PARKING LOT TO TRAFFIC AND TO ENSURE WORKER AND PEDESTRIAN SAFETY DURING THE WORK.

DO NOT DISTURB EXISTING TREES OR LANDSCAPING.

PRELIMINARY
NOT APPROVED
FOR CONSTRUCTION

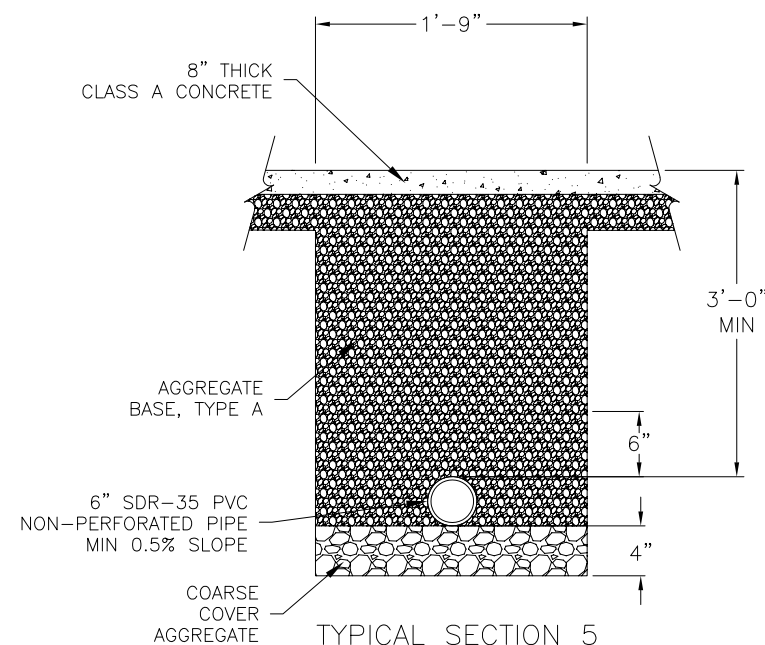


TYPICAL SECTION 3
10+50 TO 12+18
(NOT TO SCALE)

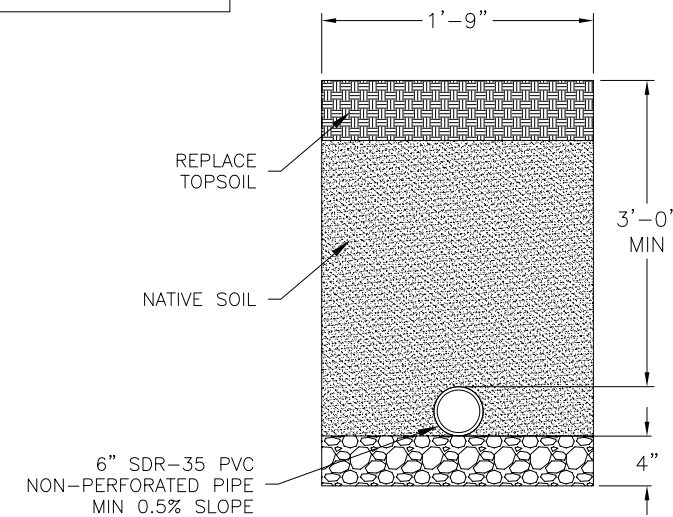


TYPICAL SECTION 4
12+18 TO 12+56
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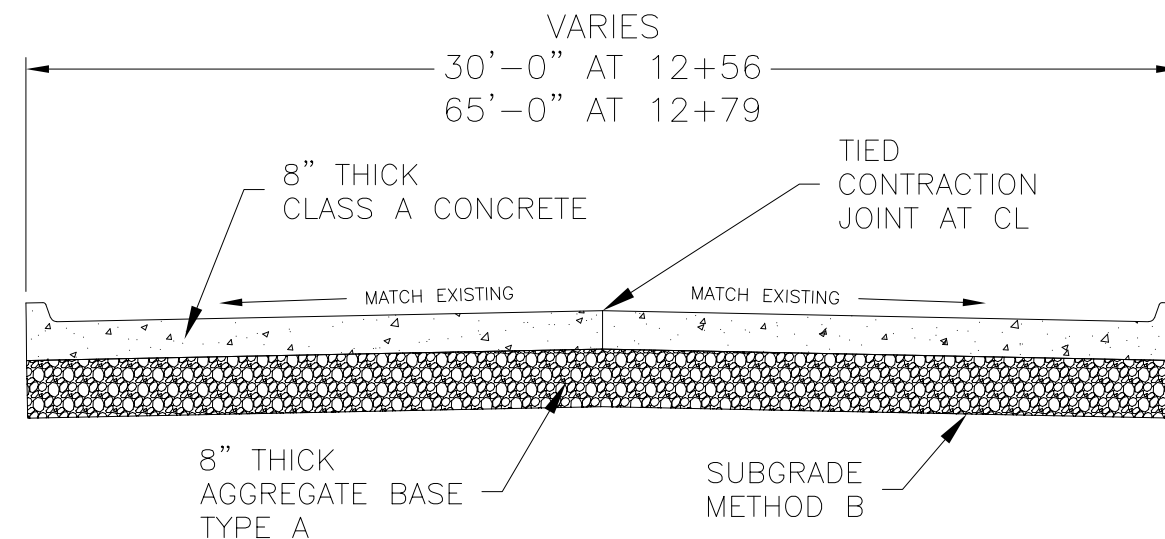
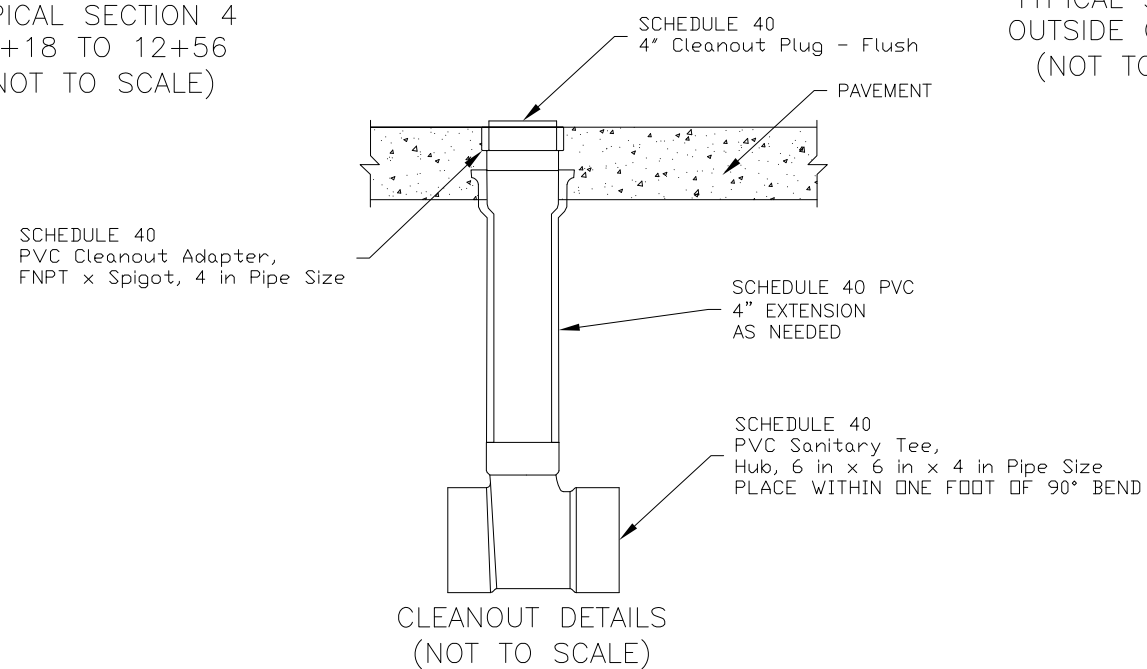
NOTE: ALL UNDERDRAIN DETAILS - SAME AS ODOT STD. PUD-3-3, EXCEPT AS NOTED



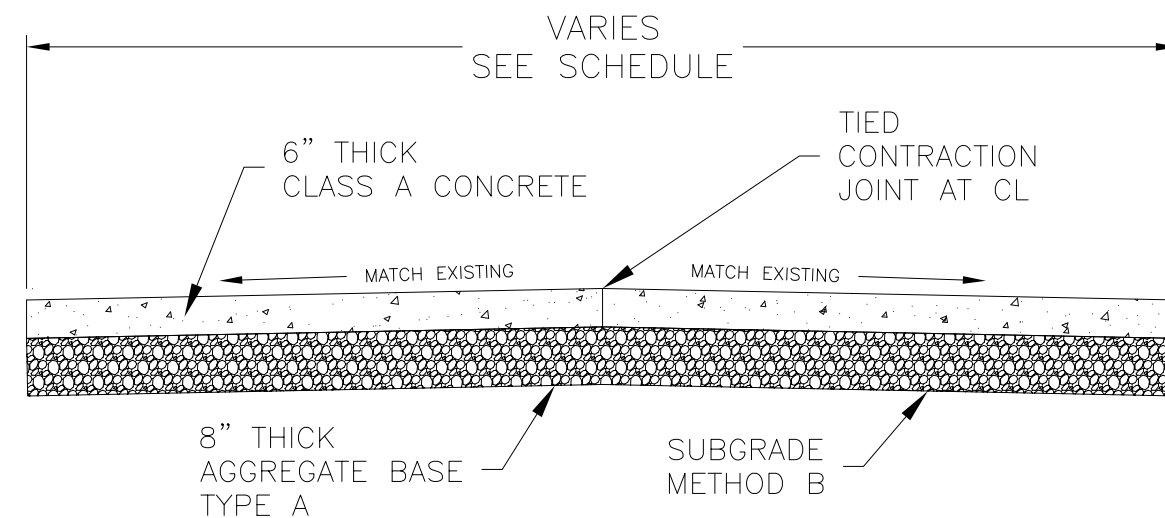
TYPICAL SECTION 5
STREET CROSSING
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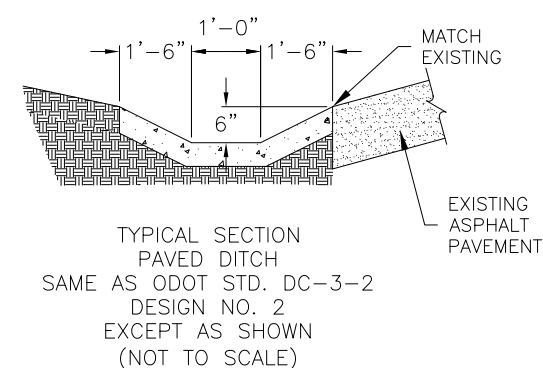
TYPICAL SECTION 6
OUTSIDE OF STREET
(NOT TO SCALE)



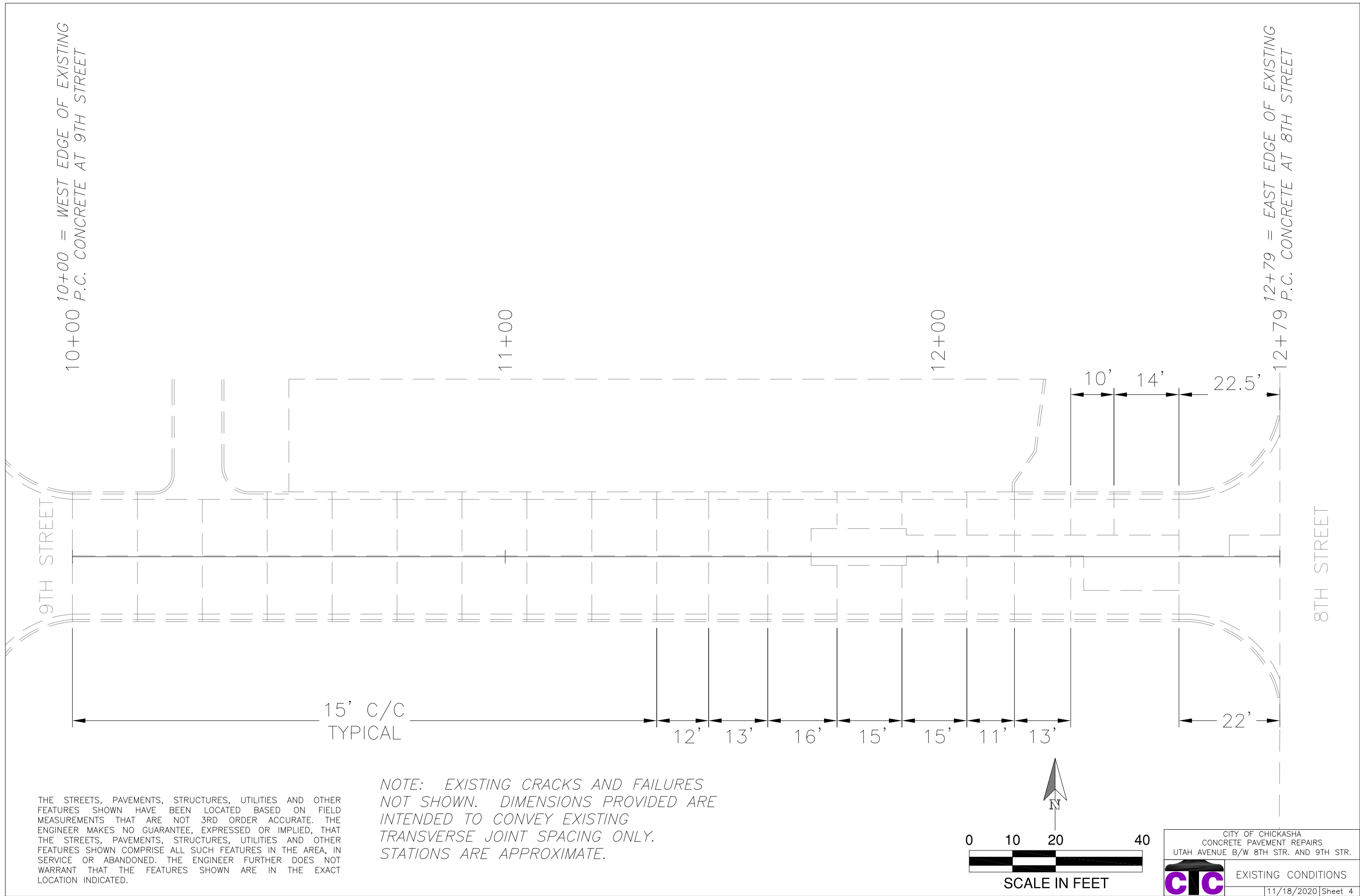
TYPICAL SECTION 1
PAVEMENT REPAIRS
12+56 TO 12+79
(NOT TO SCALE)



TYPICAL SECTION 2
PAVEMENT REPAIRS
LOCATION VARIES SEE SCHEDULE
(NOT TO SCALE)

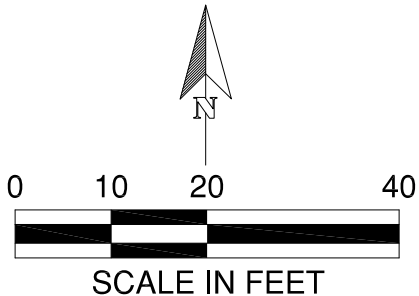


PRELIMINARY
NOT APPROVED
FOR CONSTRUCTION



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NOTE: EXISTING CRACKS AND FAILURES NOT SHOWN. DIMENSIONS PROVIDED ARE INTENDED TO CONVEY EXISTING TRANSVERSE JOINT SPACING ONLY. STATIONS ARE APPROXIMATE.

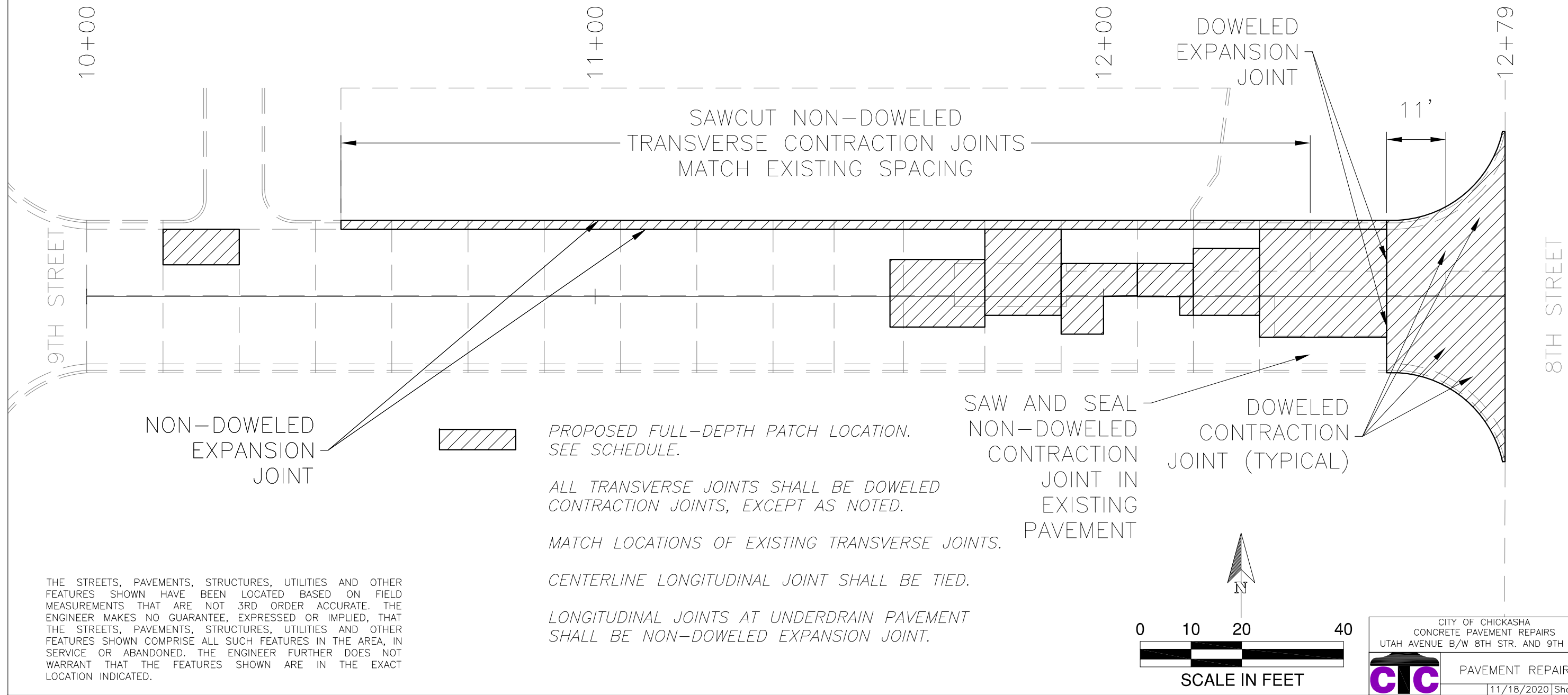


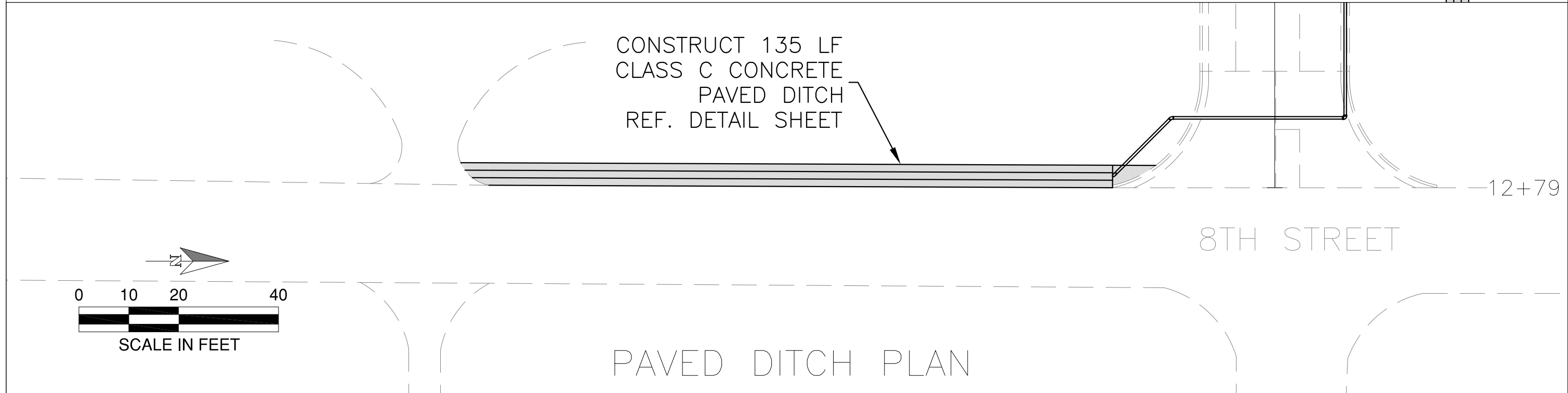
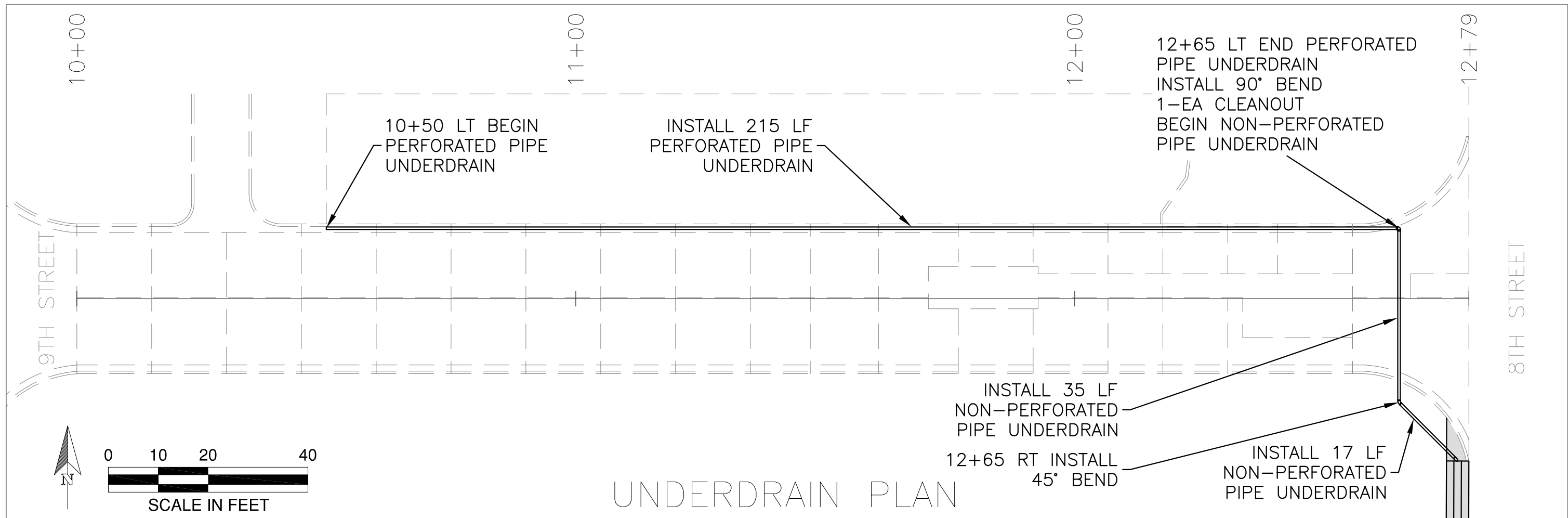
CITY OF CHICKASHA CONCRETE PAVEMENT REPAIRS UTAH AVENUE B/W 8TH STR. AND 9TH STR.	
	EXISTING CONDITIONS
	11/18/2020 Sheet 4

10+00 = WEST EDGE OF EXISTING
P.C. CONCRETE AT 9TH STREET

FULL-DEPTH PATCHING SCHEDULE									
LOCATION NUMBER	STATION START	STATION STOP	LEFT OR RIGHT	WIDTH (FEET)	LENGTH (FEET)	REMOVAL OF PAVEMENT (SY)	SUBGRADE METHOD B (SY)	AGGREGATE BASE TYPE A (CY)	CLASS A CONCRETE PAVEMENT (SY)
1	10+15	10+30	LEFT	7.0	15.0	11.7	11.7	2.9	11.7
2	10+50	12+18	LEFT	1.8	168.0	32.7	32.7	8.2	32.7
3	12+18	12+57	LEFT	1.8	39.0	7.8	7.8	2.0	7.8
4	11+58	11+77	LEFT/RIGHT	13.3	19.0	28.1	28.1	7.0	28.1
5	11+77	11+92	LEFT/RIGHT	17.0	15.0	28.3	28.3	7.1	28.3
6	11+92	12+00	LEFT/RIGHT	14.1	8.0	12.5	12.5	3.1	12.5
7	12+00	12+15	LEFT	5.0	15.0	8.3	8.3	2.1	8.3
8	12+15	12+18	LEFT/RIGHT	8.7	3.0	2.9	2.9	0.7	2.9
9	12+18	12+31	LEFT/RIGHT	13.2	13.0	19.0	19.0	4.8	19.0
10	12+31	12+57	LEFT/RIGHT	21.3	26.0	61.6	61.6	15.4	61.6
11	12+57	12+79	LEFT/RIGHT	VARIABLE	22.0	104.6	104.6	26.2	104.6
TOTALS						317.7	317.7	79.4	317.7

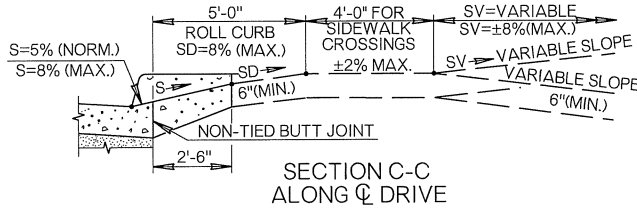
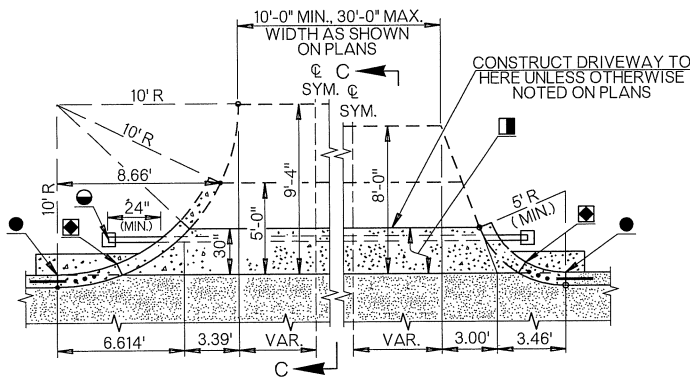
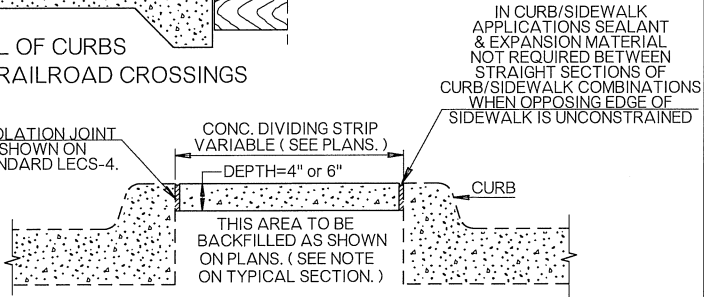
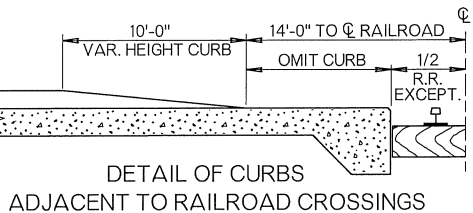
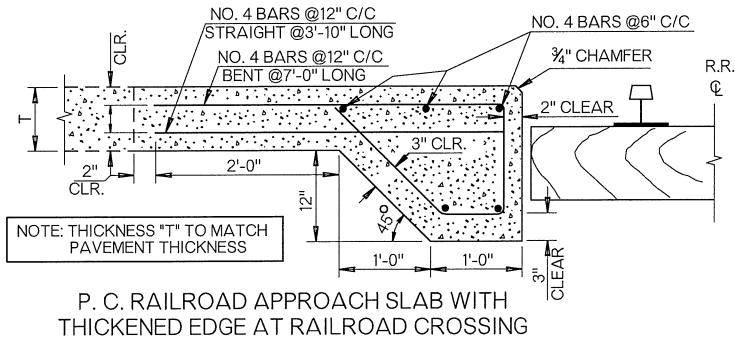
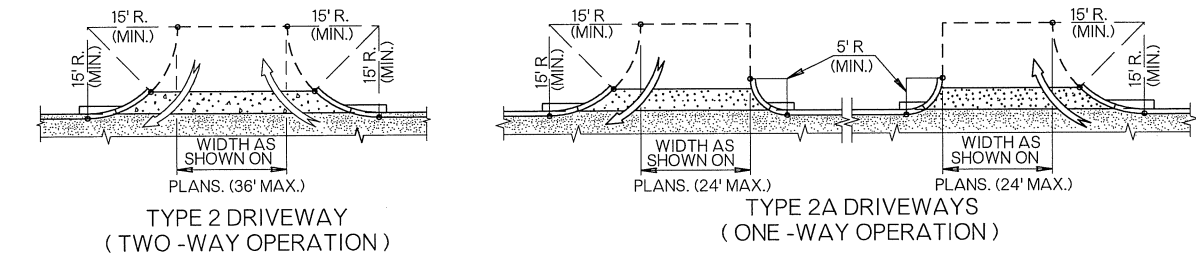
12+79 = EAST EDGE OF EXISTING
P.C. CONCRETE AT 8TH STREET



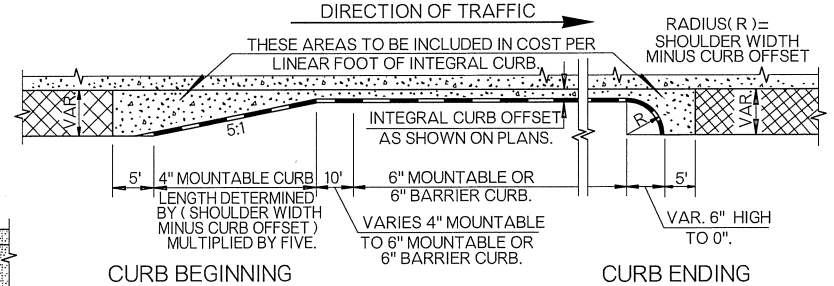
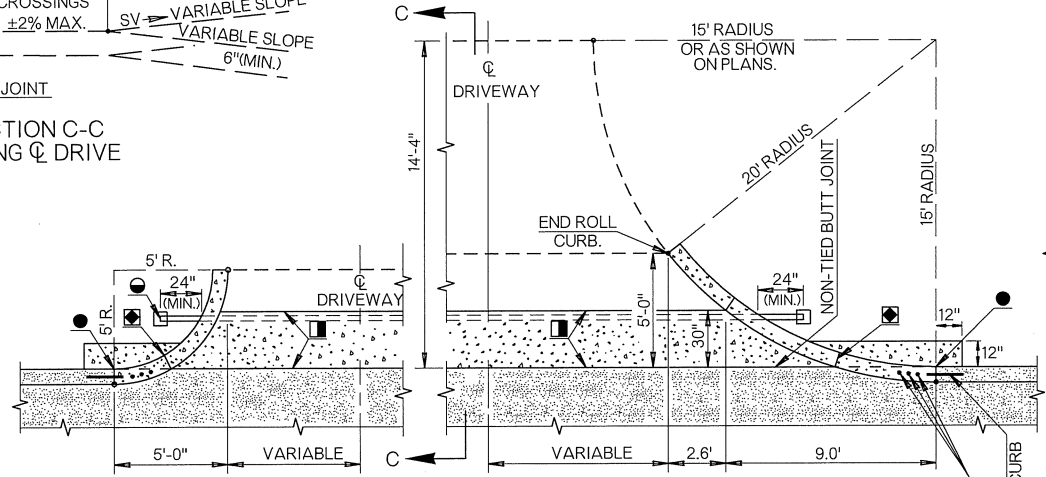


THE STREETS, PAVEMENTS, STRUCTURES, UTILITIES AND OTHER FEATURES SHOWN HAVE BEEN LOCATED BASED ON FIELD MEASUREMENTS THAT ARE NOT 3RD ORDER ACCURATE. THE ENGINEER MAKES NO GUARANTEE, EXPRESSED OR IMPLIED, THAT THE STREETS, PAVEMENTS, STRUCTURES, UTILITIES AND OTHER FEATURES SHOWN COMPRISE ALL SUCH FEATURES IN THE AREA, IN SERVICE OR ABANDONED. THE ENGINEER FURTHER DOES NOT WARRANT THAT THE FEATURES SHOWN ARE IN THE EXACT LOCATION INDICATED.

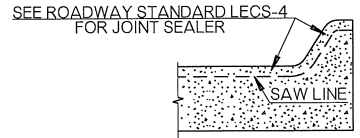
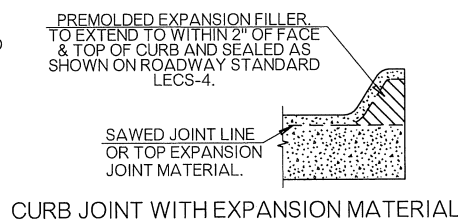
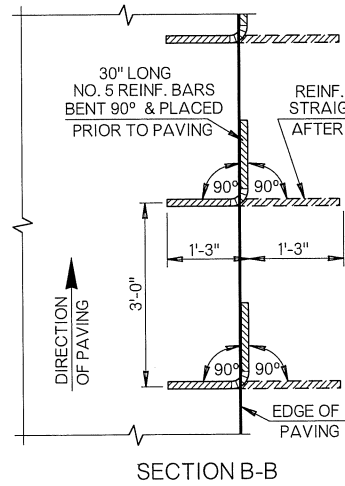
OKLAHOMA DEPARTMENT OF TRANSPORTATION		
STANDARD REVISIONS		
DESCRIPTION	DATE	



FOR STREET RETURN DETAILS SEE ROADWAY STD. ASCD-5.

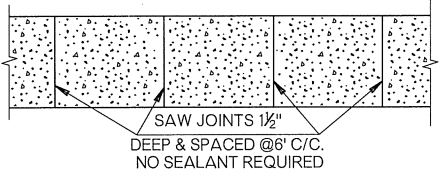
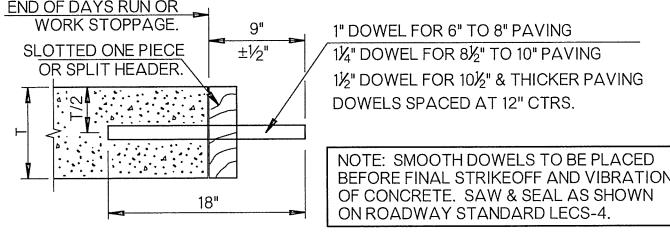
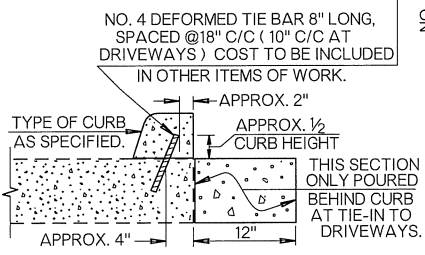


- 3/4" EXPANSION JOINT NO LOAD TRANSFER DEVICES
- PAID FOR AS CONCRETE DRIVEWAY (INCLUDES CURB)
- BEGIN ROLL CURB & TERMINATE INTEGRAL CURB. POUR APRON & CURB INTEGRAL WITH DRIVEWAY
- IF SPECIFIED IN THE PLANS, CONSTRUCT CONDUIT CROSSING OF THE SAME SIZE & TYPE SPECIFIED AT APPROXIMATELY 30" BELOW FINISHED GRADE OF RAMP. SEE GENERAL NOTES FOR DETAILS.

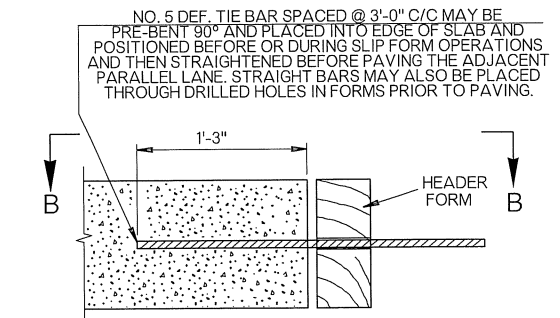


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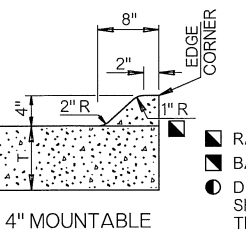
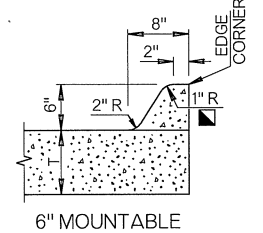
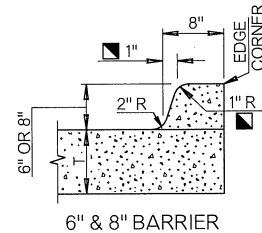
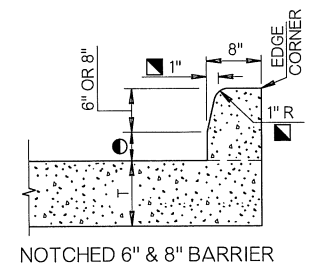
NOTE: WHEN SIDEWALK IS BUILT DIRECTLY BEHIND THE CURB THE CONCRETE DRIVEWAY SHOULD BE CONSTRUCTED AND EXTENDED TO THE BACK EDGE OF SIDEWALK.



- GENERAL NOTES**
- ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE 2009 ODOT STANDARD SPECIFICATIONS.
 - ALL COST OF CLASS A CONCRETE & REINFORCING STEEL IN THICKENED EDGE AT RAILROAD CROSSINGS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR APPROACH SLAB-RAILROAD.
 - COST OF JOINT FILLERS, SEALING AND REINFORCING STEEL SHALL BE INCLUDED IN PRICE BID FOR OTHER ITEMS OF WORK.
 - CONTRACTION JOINTS IN JOINTED P.C. PAVEMENT SHALL BE AT APPROXIMATELY 15'-0" CENTERS, UNLESS OTHERWISE SHOWN ON THE PLANS.
 - CURB & GUTTER SHALL BE PLACED INTEGRAL WITH THE PAVING SLAB UNLESS OTHERWISE SHOWN IN THE PLANS. TRANSVERSE JOINTS SHALL MATCH PAVEMENT JOINTS AND PLACED AT DRAINAGE STRUCTURES. LONGITUDINAL JOINTS SHALL BE TIED WITH #5 DEFORMED TIE BARS 2'-6" LONG AT 3'-0" CTRS. SEE TIED BUTT AND LONGITUDINAL CONSTRUCTION JOINT DETAIL ON ROADWAY STANDARD LECS-4.
 - ALL CONDUIT CROSSINGS ARE TO BE TRENCHED, PLACED, BACKFILLED, AND COMPACTED PRIOR TO SURFACING. BORING OR PUSHING PROCEDURES MAY BE USED WHERE SURFACING IS ALREADY IN PLACE AND IF APPROVED BY THE ENGINEER.
 - IF CONDUIT IS NOT CONTINUOUS BETWEEN DRIVEWAYS/RAMPS, CAP BOTH ENDS OF EACH CONDUIT CROSSING AND PLACE MARKER TO PREVENT DAMAGE DURING CONSTRUCTION.
 - CONDUIT SHALL NOT TERMINATE BELOW A SURFACED AREA, BUT SHALL EXTEND MINIMUM OF 24" PAST EDGE OF PAVING.
 - FOR PULL BOX INSTALLATION DETAILS, SEE TRAFFIC STANDARD PBD1-1.



NOTE: LONGITUDINAL BUTT JOINT TIE BAR STEEL AND PLACEMENT METHOD NOT COVERED ON THIS STANDARD SHALL BE APPROVED BY THE ENGINEER.



INTEGRAL CURB TYPICAL SECTIONS

- RADIUS OF 2" MAY BE USED IF APPROVED BY THE ENGINEER.
- BATTER OF 2" MAY BE USED IF APPROVED BY THE ENGINEER.
- DIMENSION EQUALS THICKNESS OF ASPHALT CONCRETE SHOWN ON TYPICAL SECTION ASPHALT CONCRETE THICKNESS (2" MIN.; 4" MAX.)

BASIS OF PAYMENT		
ITEM NO.	ITEM	UNIT
414 (H)	P. C. RAILROAD APPROACH SLABS	SY
609 (A)	CONCRETE CURB (INTEGRAL)	LF
610 (A)	CONCRETE SIDEWALK	SY
610 (B)	CONCRETE DRIVEWAY	SY
610 (C)	CONCRETE DIVIDING STRIP	SY

- HEIGHT & TYPE OF CURB SHALL BE SPECIFIED.
- THICKNESS SHALL BE SPECIFIED IN INCHES.

APPROVED BY ROADWAY ENGINEER

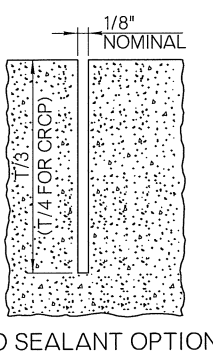
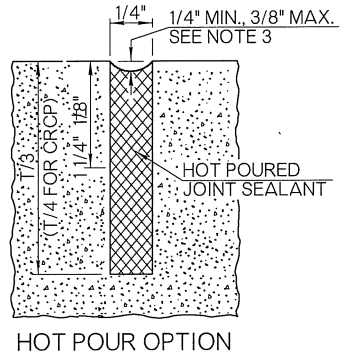
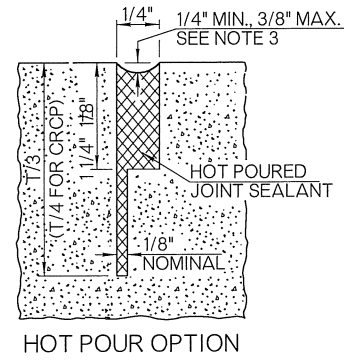
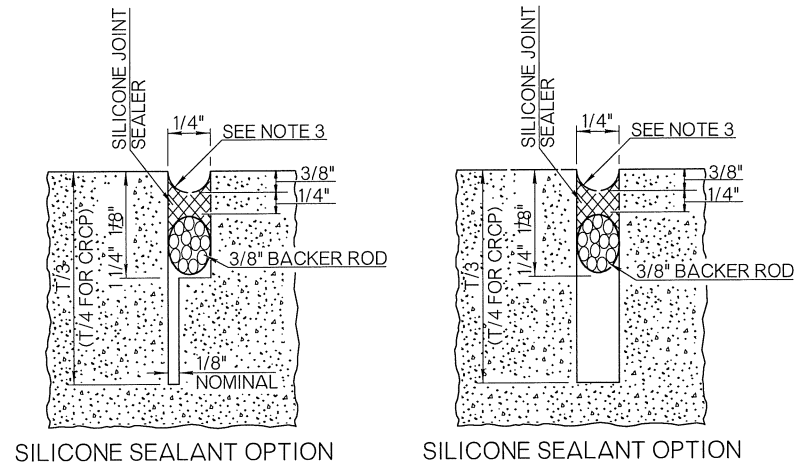
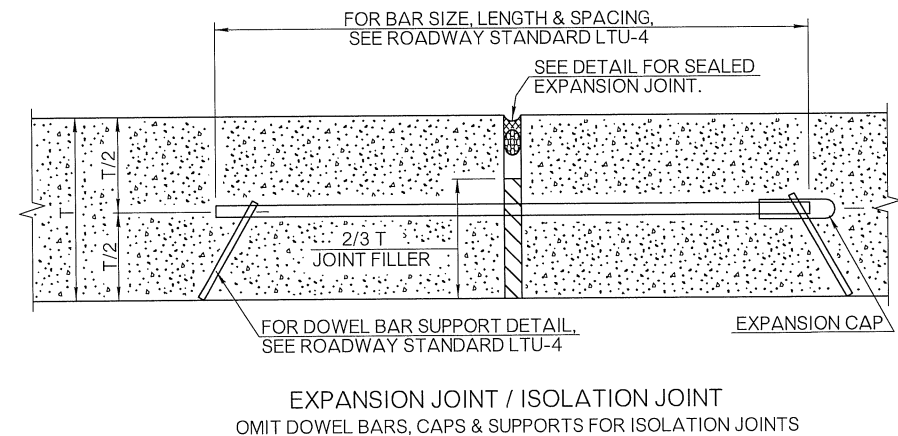
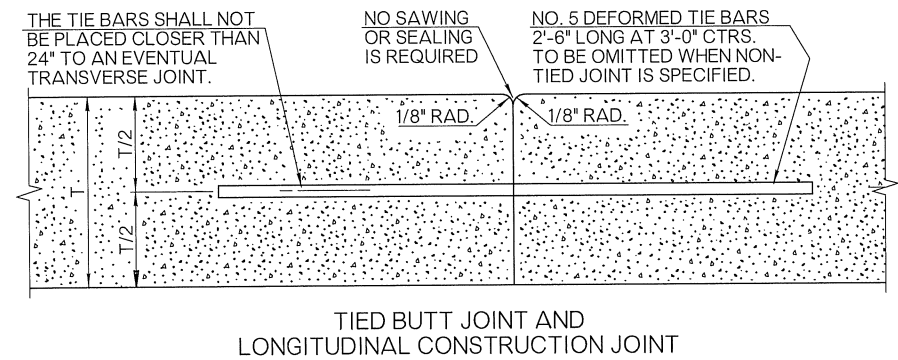
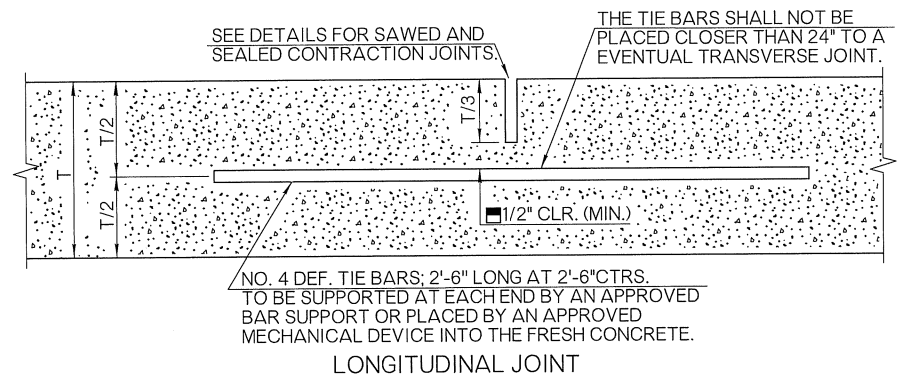
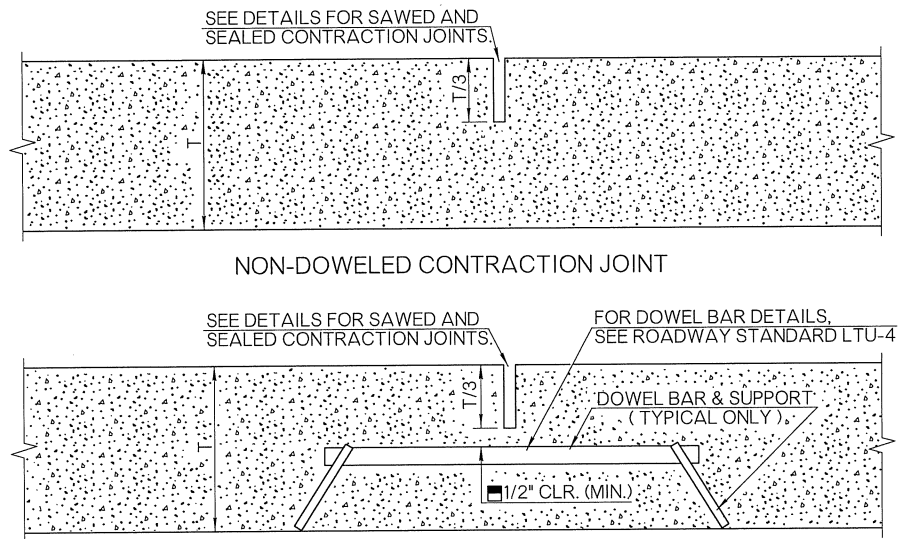
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ROADWAY DESIGN DIVISION STANDARD

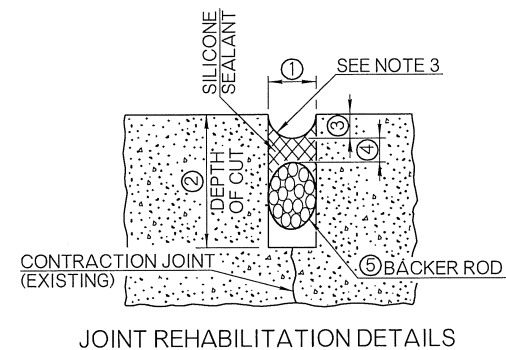
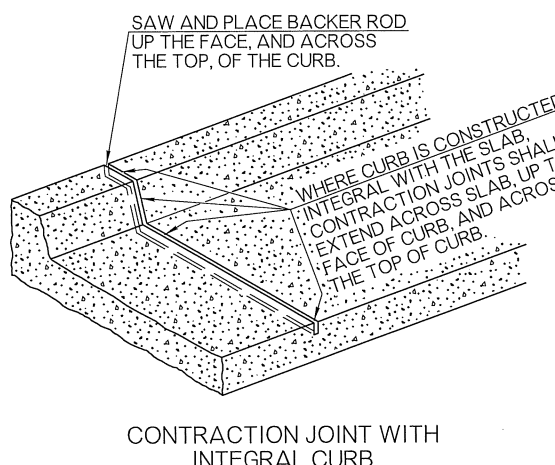
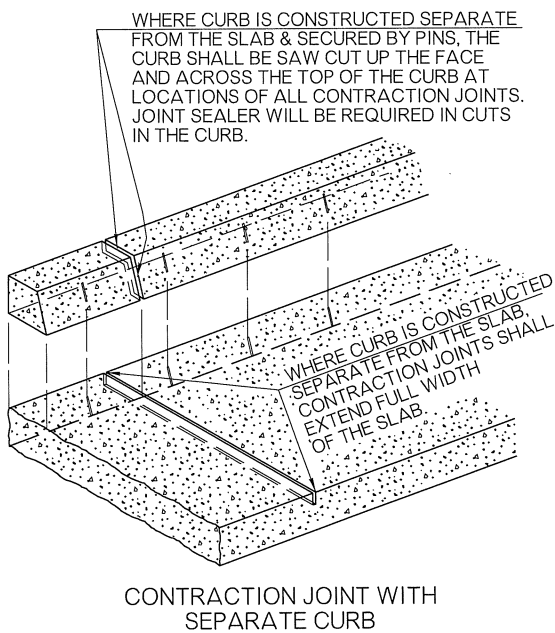
CONCRETE SURFACING CONSTRUCTION DETAILS

OKLAHOMA DEPARTMENT OF TRANSPORTATION 2009 SPECIFICATIONS

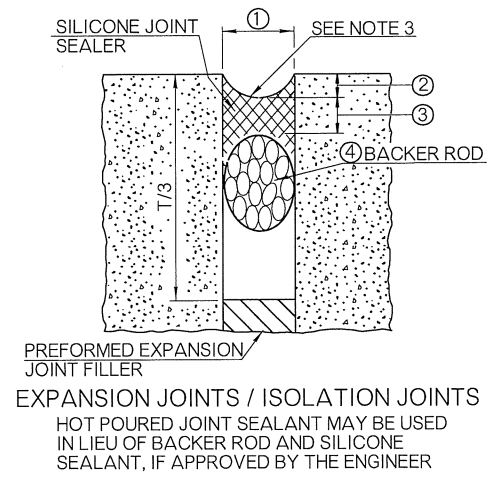
CSCD-5 3



SAWED AND SEALED, CONTRACTION AND LONGITUDINAL JOINTS ALTERNATE DETAILS
UNLESS OTHERWISE SPECIFIED IN THE PLANS, ONLY THE SILICONE SEALANT OPTIONS WILL BE ALLOWED.



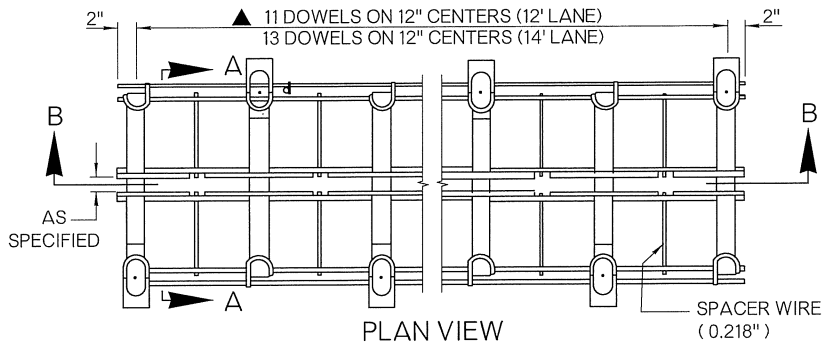
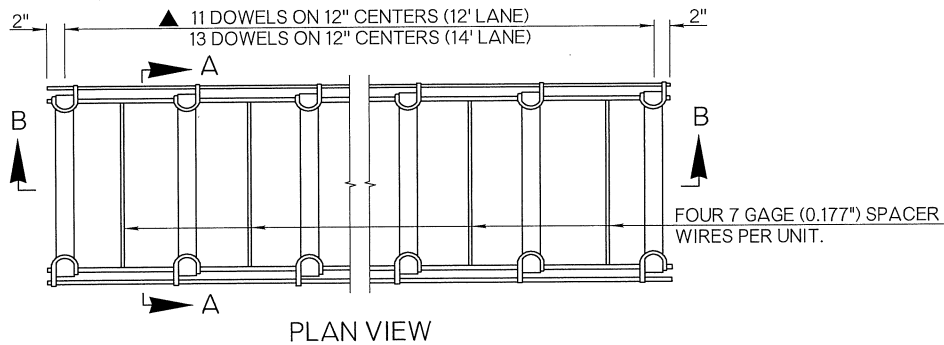
JOINT REHABILITATION TREATMENT TABLE				
SILICONE SEALANT				
JOINT WIDTH	DEPTH OF CUT	SEALANT RECESS DEPTH	SEALANT THICKNESS	BACKER ROD DIAMETER
①	②	③	④	⑤
3/8"	1 1/4"	3/8"	3/16"	1/2"
1/2"	1 3/4"	3/8"	1/4"	5/8"
3/4"	1 3/4"	3/8"	3/8"	7/8"
7/8"	1 3/4"	1/2"	7/16"	1"
1"	2"	1/2"	1/2"	1 1/8"
OVER 1"	OVER 2"	1/2"	1/2"	1 1/4"



EXPANSION JOINT / ISOLATION JOINT TREATMENT TABLE			
JOINT WIDTH	SEALANT RECESS DEPTH	SILICONE SEALANT THICKNESS	BACKER ROD DIAMETER
①	②	③	④
1/2"	3/8"	1/4"	5/8"
3/4"	3/8"	3/8"	7/8"
1"	3/8"	1/2"	1 1/4"
1 1/2"	1/2"	3/4"	2"
2"	1/2"	3/4"	2 1/2"

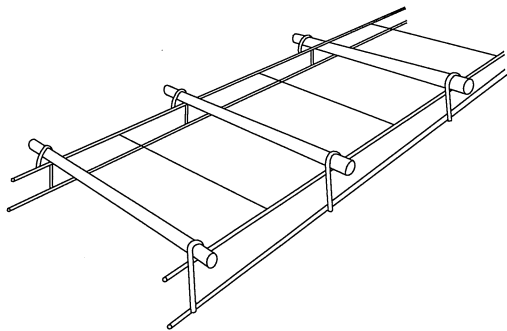
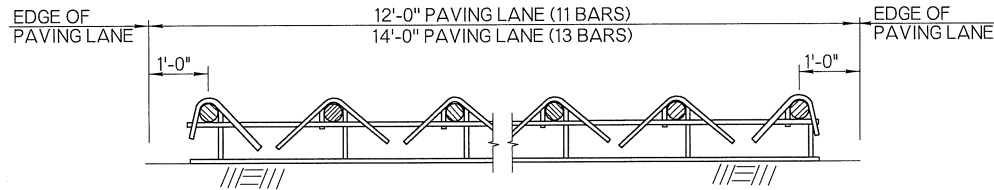
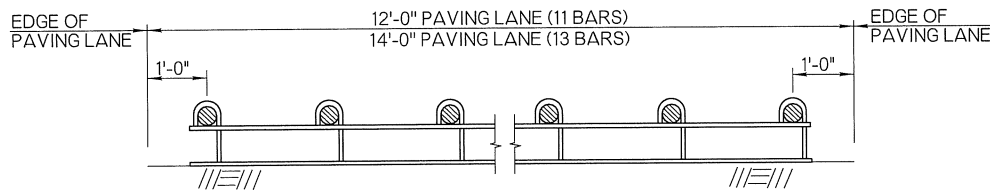
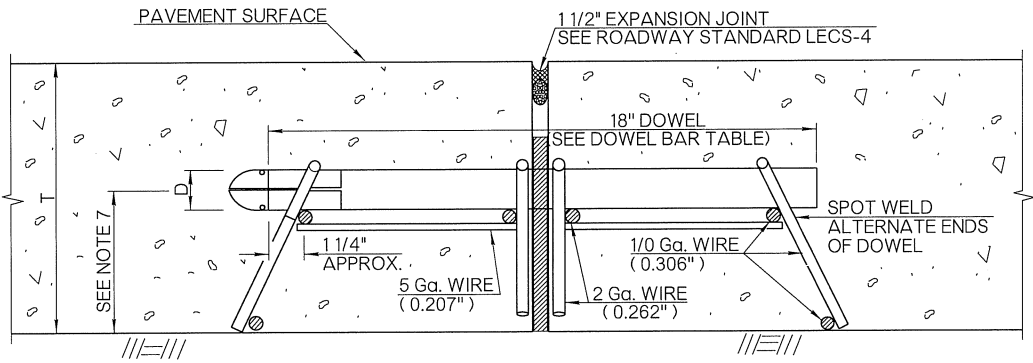
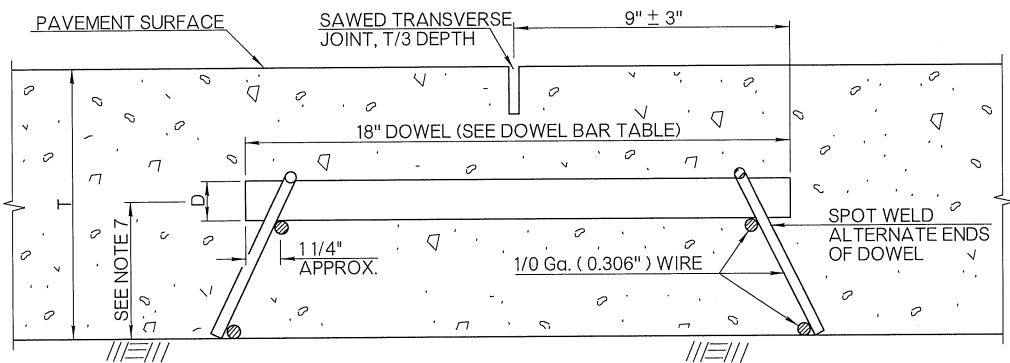
EXPANSION OR ISOLATION JOINT WIDTH SHALL BE 1/2", UNLESS OTHERWISE SPECIFIED ON THE PLANS. TABLE VALUES, AS SHOWN THIS TABLE, SHALL BE USED IN THOSE SPECIFIED CASES.

- GENERAL NOTES
- ALL CONSTRUCTION AND MATERIALS REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE 2009 ODOT STANDARD SPECIFICATIONS.
 - ALL CONCRETE JOINT SEALING SHALL BE IN ACCORDANCE WITH SECTION 415 OF THE SPECIFICATIONS.
 - THE SHAPE FACTOR, COMBINED WITH THE JOINT CLEANLINESS, IS THE CRITICAL COMBINATION NECESSARY TO GUARANTEE DESIRED BONDING AND FUNCTION OF SEALED JOINTS. THE JOINT SHAPE FACTOR IS DEFINED AS THE FINAL PRESSED SHAPE OF THE SILICONE MATERIAL. THE TOOLING OPERATION WILL FIRMLY PRESS THE FRESHLY APPLIED MATERIAL INTIMATELY AGAINST THE CUT SIDES OF THE RECESS AND THE BACKER ROD SURFACES. THE ROUNDED SHAPE ON TOP AND BOTTOM OF THE SILICONE ALLOWS THE SEALANT TO PROPERLY FLEX BUT MAINTAIN ADHERENCE TO THE PAVING. SELF LEVELING SEALANTS WILL BE INSTALLED TO BE FLUSH WITH THE PAVEMENT SURFACE.
 - ON JOINTED PORTLAND CEMENT CONCRETE PAVEMENTS, DOWELLED CONTRACTION JOINTS SHALL BE USED ON DRIVING LANES ONLY. CONCRETE SHOULDERS SHALL NOT BE DOWELLED UNLESS SPECIFIED ON THE PLANS.
 - LONGITUDINAL JOINTS BETWEEN PAVEMENT AND TIED CONCRETE SHOULDERS SHALL NOT BE SAWED OR SEALED UNLESS OTHERWISE SHOWN ON THE PLANS.
 - ON ALL SAWED JOINTS, THE KERF DEPTH SHALL CLEAR DOWEL BARS, TIE BARS AND/OR REINFORCING STEEL BY A MINIMUM OF 1/2".
 - CONTRACTION JOINTS IN JOINTED P. C. PAVEMENT SHALL BE AT APPROXIMATELY 15'-0" CENTERS, UNLESS OTHERWISE SPECIFIED ON THE PLANS.
 - TRANSVERSE GROOVING SHALL BE CONSTRUCTED TO THE FOLLOWING DIMENSIONS: 1/8" TO 3/8" WIDE, 1/8" TO 3/8" DEEP, AND EQUALLY SPACED AT 1/2" TO 1" APART. GROOVES SHALL BE NEAT IN APPEARANCE, OF UNIFORM DEPTH, AND LOCATED 1" TO 3" FROM NEAREST CONTRACTION JOINTS.

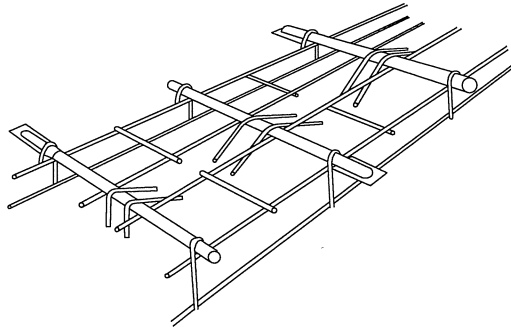


DOWEL BAR TABLE			
▲ SPACING & SIZE DATA			
(T) SLAB DEPTH	DOWEL DIA.	TOTAL DOWEL LENGTH	C/C DOWEL SPACING
6" - 8"	1"	18"	12"
8 1/2" - 10"	1 1/4"	18"	12"
10 1/2" & UP	1 1/2"	18"	12"

DOWEL DIAMETER WILL BE DETERMINED BY THE SLAB DEPTH (T) OR THE NOMINAL DEPTH WHEN SLAB DEPTH VARIES. WHEN NOMINAL DEPTH VALUE IS TO BE USED, THE CALCULATED NOMINAL DEPTH WILL BE SHOWN ON THE PLANS.



WELDED CONTRACTION JOINT ASSEMBLY



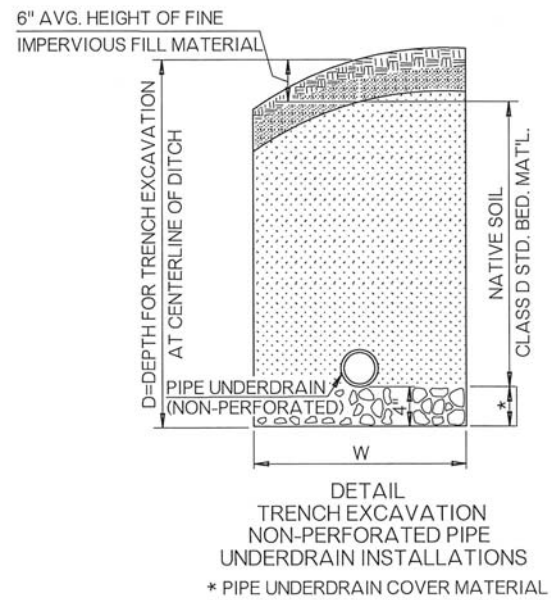
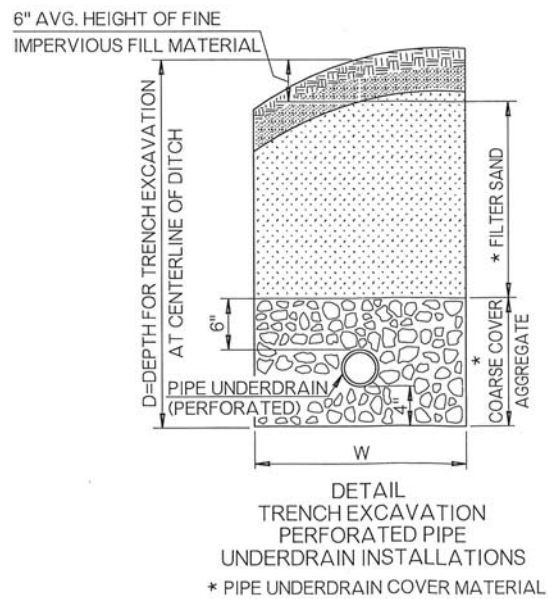
WELDED EXPANSION JOINT ASSEMBLY

GENERAL NOTES

- ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE 2009 ODOT STANDARD SPECIFICATIONS.
- ANY DEVICE USED FOR SUPPORTING DOWELS SHALL HAVE SUFFICIENT RIGIDITY AND BE HELD IN PLACE DURING CONCRETE PLACEMENT SO THAT DOWELS WILL BE IN SPECIFIED POSITION IN THE FINISHED PAVEMENT. ANY DEVICE NOT PRODUCING THE SPECIFIED RESULTS SHALL BE REJECTED.
- PRODUCER AND CONTRACTOR SHALL AVOID PATENT INFRINGEMENT OF THE BASKET AND SHALL SAVE THE STATE HARMLESS IN THE USE OF ANY BASKET.
- THE CONTRACTOR MAY SELECT THE TYPE OF BASKET TO BE USED. AFTER THE SELECTION IS MADE, THE SAME TYPE BASKET SHALL BE USED THROUGHOUT THE PROJECT, UNLESS APPROVED OTHERWISE BY THE ENGINEER.
- COLD-DRAWN STEEL WIRE, USED FOR DOWEL BASKETS, SHALL BE ACCEPTED BY VISUAL FIELD INSPECTION, AS PROVIDING SUFFICIENT DOWEL BAR SUPPORT DURING PAVING PROCESS.
- ▲ DOWEL BARS SHALL BE GRADE 60 PLAIN BARS, IN ACCORDANCE WITH SECTION 723.01 OF THE SPECIFICATIONS. DOWEL BARS SHALL BE CENTERED ON THE BASKET REGARDLESS OF THE WIDTH OF THE BASKET OR THE LENGTH OF THE DOWEL BAR.
- THE HEIGHT OF THE LOAD TRANSFER UNIT (MEASURED TO THE CENTER OF THE DOWEL BAR FROM THE PAVEMENT SURFACE) SHALL BE 1/2 THE THICKNESS OF THE PAVEMENT, PLUS OR MINUS 1/2 THE DIAMETER OF DOWEL BAR OF THE UNIT.
- DOWEL BARS SHALL HAVE A SHOP APPLIED EPOXY COATING OVER THEIR ENTIRE LENGTH (ENDS EXCEPTED). ADDITIONALLY, DOWELS SHALL BE COMPLETELY COATED WITH A FORM RELEASE AGENT (OR APPROVED EQUIVALENT BOND BREAKER) APPLIED IN THE FIELD, IMMEDIATELY PRIOR TO PAVING. THE FORM RELEASE AGENT SHALL NOT BE ALLOWED TO EVAPORATE FROM THE BARS PRIOR TO PAVING.
- FOR EXPANSION JOINTS, THE DOWEL BARS SHALL HAVE EXPANSION CAPS WITH A MINIMUM 1" AND A MAXIMUM 2" AIR SPACE IN THE END OF THE EXPANSION CAPS (EXPANSION JOINT ASSEMBLIES).
- THE CONTRACTOR SHALL DEMONSTRATE TO THE ENGINEER A STAKING PATTERN THAT SHALL SECURE ALL DOWEL BASKETS SUCH THAT THE FINAL DOWEL POSITION IS WITHIN SPECIFICATION LIMITS.
- FOR EXPANSION JOINTS, IN ADDITION TO THE SUPPORTS INDICATED, THE CONTRACTOR SHALL PROVIDE SUITABLE INSTALLING DEVICES AND SUCH ADDITIONAL STAKES AS MAY BE REQUIRED TO HOLD THE JOINT FILLER VERTICAL AND SECURELY IN LINE AND POSITION. THE CONTRACTOR WILL ALSO BE REQUIRED TO SATISFACTORILY FORM THE UPPER PORTION OF THE JOINT FOR RECEIVING THE SEAL. SEE ROADWAY STANDARD LECS-4.

/ER

IN
ALL



SCREEN MATERIAL
THICKNESS OF
RODENT SCREEN

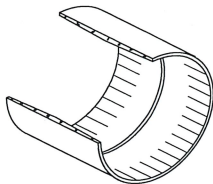
9. THE FINAL SECTION
PERFORATED,
AND A MINIMUM
10. FOR DETAILS (C
ROADWAY ST

ITEM NO.
613 (H)
613 (I)
613 (Q)
613 (U)
613 (V)

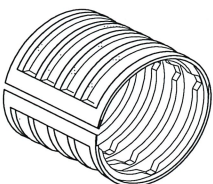
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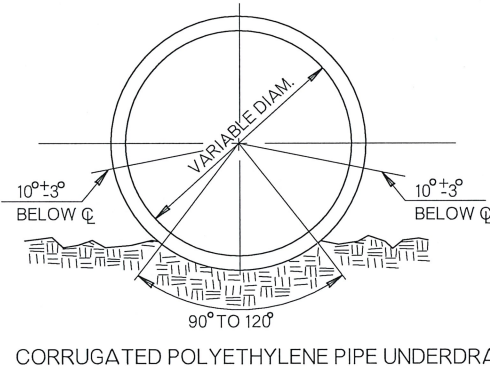
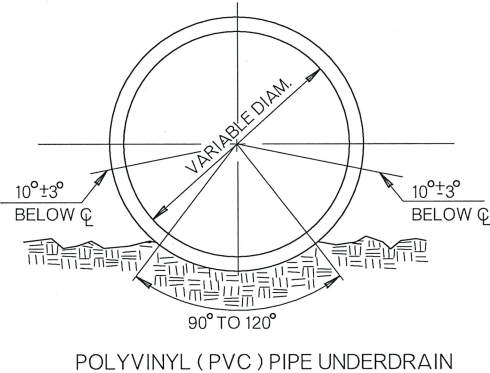
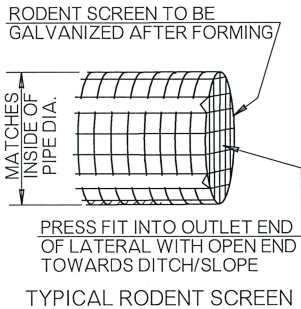
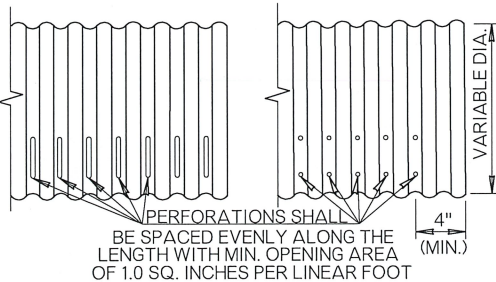
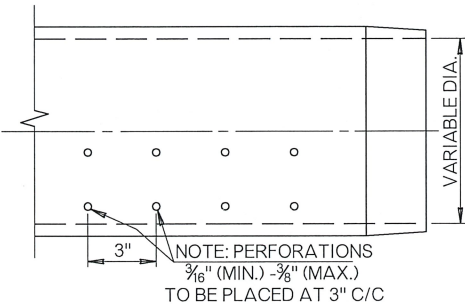
OKLAHOMA DEPARTMENT OF TRANSPORTATION		
STANDARD REVISIONS		
DESCRIPTION		DATE



TYPICAL COUPLING FOR
PVC PIPE UNDERDRAIN
1/4 SECTION REMOVED



TYPICAL CORRUGATED COUPLING
OR AN APPROVED EQUAL



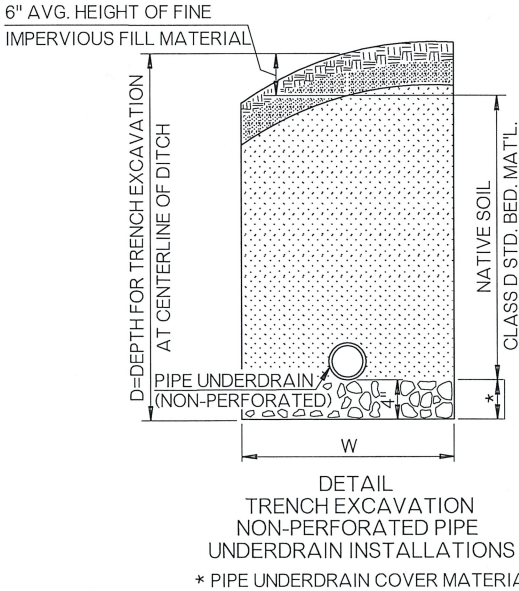
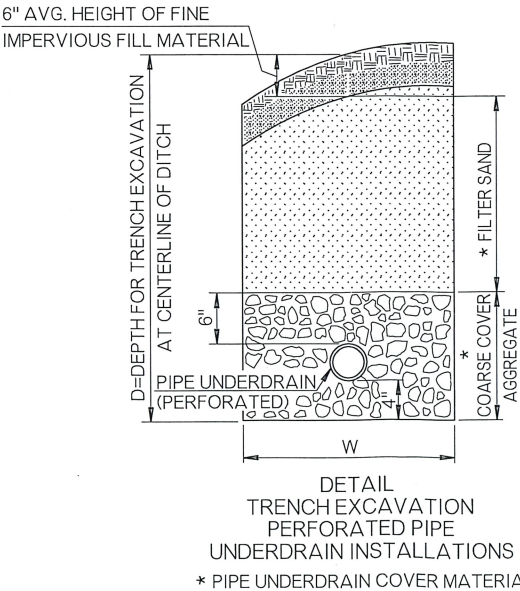
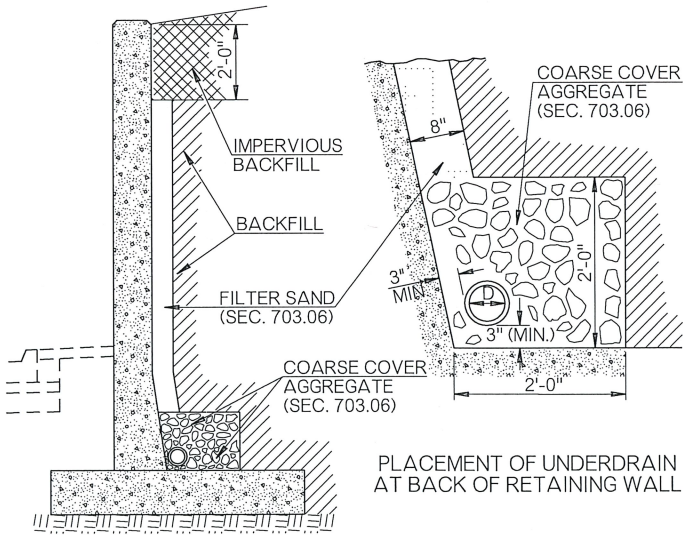
INSTALLATION TECHNIQUE: (12" DIAMETER OR SMALLER)

PERFORATED PIPE UNDERDRAIN, WHEN INSTALLED IN A TRENCH, SHALL BE BEDDED ON 4" OF COARSE COVER AGGREGATE. THE INSTALLED PIPE SHALL THEN BE CAREFULLY BACKFILLED WITH THE REMAINING COARSE COVER AGGREGATE TO 6" ABOVE THE TOP OF THE PIPE. FILTER SAND SHALL BE INSTALLED TO APPROXIMATELY 6" BELOW THE ORIGINAL NATURAL GROUND AS APPROVED BY THE ENGINEER. THE COARSE COVER AGGREGATE AND FILTER SAND SHALL BE PAID FOR AS PIPE UNDERDRAIN COVER MATERIAL AND SHALL CONFORM TO SEC. 703.06 OF THE SPECIFICATIONS.

NON-PERFORATED PIPE UNDERDRAIN, WHEN INSTALLED IN A TRENCH, SHALL BE BEDDED IN A 4" LAYER CONSISTING OF COARSE AGGREGATE COVER MATERIAL OR A 50-50 MIX OF COARSE AGGREGATE COVER MATERIAL AND FILTER SAND. THIS LAYER OF COVER MATERIAL SHALL CONFORM TO SEC. 703.06 OF THE SPECIFICATIONS, AND SHALL BE PAID FOR AS PIPE UNDERDRAIN COVER MATERIAL. THE REMAINING BACKFILL MAY BE NATIVE SOIL REMOVED IN THE TRENCHING OPERATION, FILTER SAND OR BACKFILLED ACCORDING TO THE ENGINEER. COST TO BE INCLUDED IN OTHER ITEMS OF WORK. SEE GENERAL NOTE NUMBERS 5 & 6.

GENERAL NOTES

- ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE 2009 ODOT STANDARD SPECIFICATIONS.
- THE EXTENT, LOCATION AND DEPTH OF DRAINS MAY BE ADJUSTED BY THE ENGINEER TO SUIT CONDITIONS FOUND DURING CONSTRUCTION.
- COST OF ALL FITTINGS TO BE INCLUDED IN THE PRICE BID PER LINEAR FOOT OF PIPE UNDERDRAIN.
- FOR PIPE UNDERDRAIN OF UP TO 12" IN DIAMETER, W = 24" WITHOUT SHEETING AND SHORING. W = 36" WHEN SHEETING AND SHORING IS USED. SEE THE CURRENT VERSION OF ROADWAY STANDARD SPI-4 FOR SHEETING AND SHORING NOTES.
- FOR PIPE UNDERDRAIN LARGER THAN 12" IN DIAMETER, SEE THE CURRENT VERSION OF ROADWAY STANDARD SPI-4 FOR ADDITIONAL TRENCH EXCAVATION DETAILS.
- NON-PERFORATED UNDERDRAIN PIPES, LARGER THAN 12", SHALL BE TREATED AS PIPE CONDUITS: I.E., PAY ITEMS SHALL CONSIST OF TRENCH EXCAVATION AND BEDDING MATERIAL. SEE THE CURRENT VERSION OF ROADWAY STANDARD SPB-1.
- MATERIALS SHOWN HERE ARE TYPICAL ONLY AND ARE NOT THE ONLY CHOICE FOR SUBSURFACE DRAINAGE PURPOSES.
- OUTLET OPENING SHALL HAVE INSTALLED A REMOVABLE RODENT SCREEN HAVING A WIRE MESH DESIGN & 0.23" to 0.50" (NOM.) SQUARE OPENINGS. SCREEN MATERIAL MAY BE STAINLESS STEEL OR GALVANIZED WITH WIRE THICKNESS OF BETWEEN 0.023" & 0.038", AFTER SHAPING AND FABRICATION. RODENT SCREEN DESIGN SHALL BE APPROVED BY THE ENGINEER.
- THE FINAL SECTION OF THE OUTLET LATERAL CONDUIT SHALL BE NON-PERFORATED, SCHEDULE 40 OR TYPE S HIGH DENSITY POLYETHYLENE AND A MINIMUM 20'-0" IN LENGTH, INCLUDING COUPLINGS.
- FOR DETAILS OF OUTLET LATERAL HEADWALL, SEE THE CURRENT VERSION OF ROADWAY STANDARD PED-3.



BASIS OF PAYMENT		
ITEM NO.	ITEM	UNIT
613 (H)	■ PERFORATED PIPE UNDERDRAIN ROUND	LF
613 (I)	■ NON-PERFORATED PIPE UNDERDRAIN RND.	LF
613 (Q)	■ OUTLET LATERAL HEADWALL	EA
613 (U)	■ PIPE UNDERDRAIN COVER MATERIAL	CY
613 (V)	■ TRENCH EXCAVATION	CY

■ DIMENSION TO BE SPECIFIED IN INCHES

APPROVED BY

ROADWAY ENGINEER



DATE

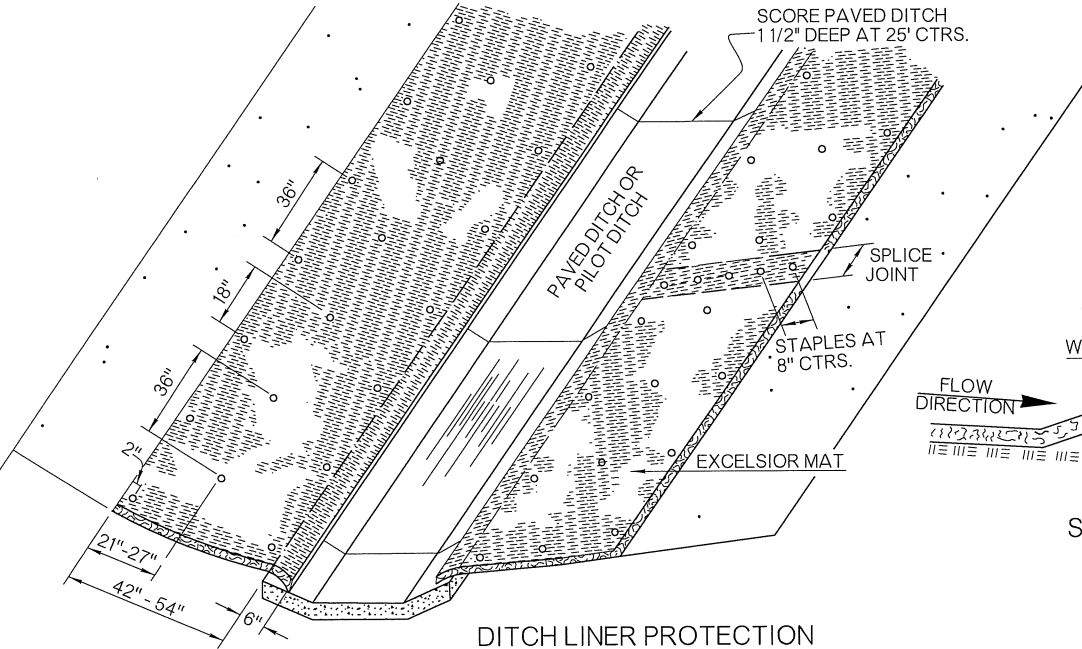
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ROADWAY DESIGN DIVISION STANDARD

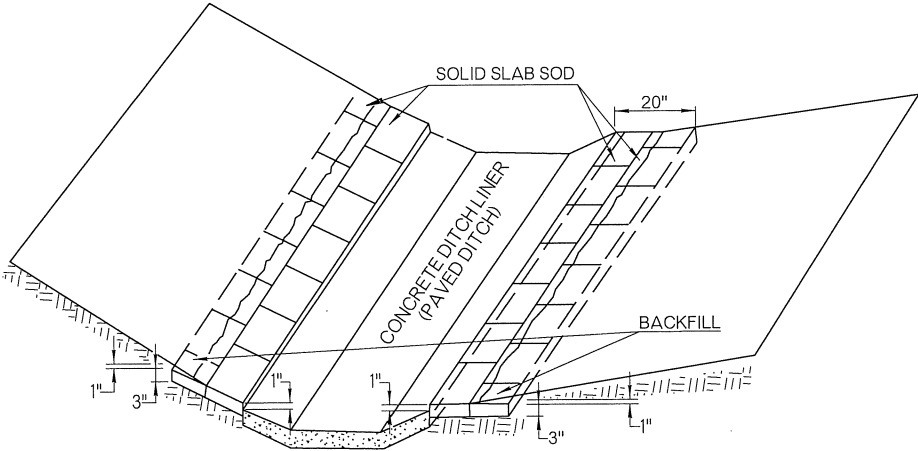


PIPE UNDERDRAIN INSTALLATION

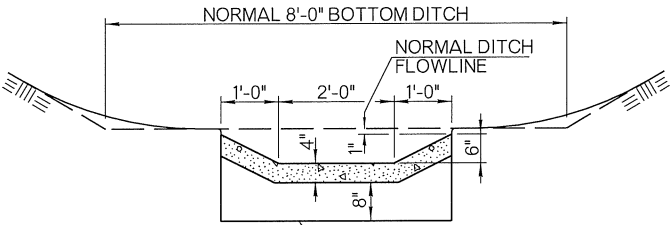
OKLAHOMA DEPARTMENT OF TRANSPORTATION		
STANDARD REVISIONS		
DESCRIPTION	DATE	



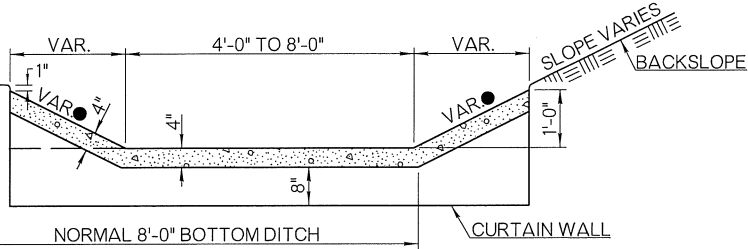
DITCH LINER PROTECTION
(EXCELSIOR MAT OPTION)



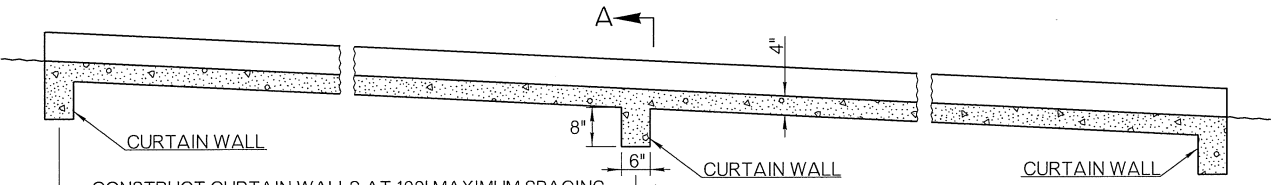
DITCH LINER PROTECTION
(SOLID SLAB SOD OPTION)



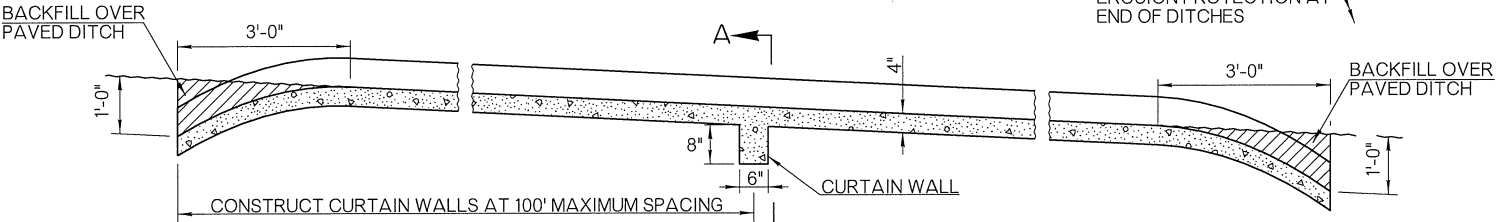
SECTION A - A
DESIGN NO. 1



SECTION A - A
DESIGN NO. 2



LONGITUDINAL SECTION WITH CURTAIN WALLS



OPTIONAL LONGITUDINAL SECTION WITH BURIED ENDS
(BURIED ENDS SHALL NOT BE USED ADJACENT TO DRAINAGE STRUCTURES)

DESIGN NO. 1 - A PAVED PILOT DITCH TO BE PLACED 6" BELOW THE NORMAL FLOWLINE AND IN THE CENTER OF A STANDARD DITCH

DESIGN NO. 2 - A DITCH THAT IS PAVED AND HAVING THE SAME FLOWLINE AS A STANDARD UNPAVED DITCH

GENERAL NOTES

- ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE 2009 ODOT STANDARD SPECIFICATIONS.
- ALL COST OF ADDITIONAL BORROW OR EXCAVATION, REQUIRED FOR INSTALLING PAVED DITCH, SHALL BE INCLUDED IN PRICE BID FOR CLASS C CONCRETE.
- THE DITCH SHALL BE WATERED, AND COMPACTED, BEFORE PLACING CLASS C CONCRETE.
- DITCH LINER PROTECTION MAY BE EITHER EXCELSIOR MAT, OR SOLID SLAB SOD, AND SHALL BE MEASURED BY THE LINEAR FOOT OF DITCH (PAVED DITCH), IN PLACE.

QUANTITIES OF CLASS C CONCRETE PER LF OF PAVED DITCH										
DESIGN NO. 1						DESIGN NO. 2				
BOTTOM WIDTH	2'-0"	3'-0"	4'-0"	5'-0"	6'-0"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"
K 1	.0522	.0645	.0769	.0892	.1016	.1274	.1397	.1521	.1644	.1768
K 2	.0586	.0709	.0832	.0955	.1078	.1790	.1913	.2036	.2159	.2282
● VARIABLE AS SHOWN ON PLANS DESIGN 2A = 1:3 SLOPES DESIGN 2B = 1:2 SLOPES DESIGN 2C = 1:1 SLOPES						K 1	.1045	.1168	.1292	.1415
						K 2	.1357	.1480	.1603	.1726
						K 1	.0923	.1048	.1172	.1295
						K 2	.1105	.1228	.1352	.1476
TOTAL CLASS C CONC. = (LENGTH OF PAVED DITCH) (K1) + (NO. OF CURT. WALLS) (K2)										
K1=CU. YDS. OF CONCRETE PER LINEAR FOOT										
K2=CU. YDS. OF CONCRETE PER CURTAIN WALL										

BASIS OF PAYMENT		
ITEM NO.	ITEM	UNIT
509 (D)	CLASS C CONCRETE	CY
229	DITCH LINER PROTECTION	LF

APPROVED BY

ROADWAY ENGINEER:

DATE:

04/14/15

ROADWAY DESIGN DIVISION STANDARD

PAVED DITCHES AND FLUMES



**RFP CMA-2004
P.C. CONCRETE STREET REPAIRS
UTAH AVENUE B/W 8TH STREET AND 9TH STREET**

CITY OF CHICKASHA

CHICKASHA, OKLAHOMA

SPECIFICATIONS & CONTRACT DOCUMENTS

Prepared by:



CHISHOLM TRAIL CONSULTING, LLC

CA 7771
2124 Scott Lane
Duncan, Ok 73533
580-467-8130
rscottv11@gmail.com



Randall Scott Vaughn, P.E., 15194

OK P.E. No. 15194

____ Date _____

**RFP CMA-2004
P.C. CONCRETE STREET REPAIRS
UTAH AVENUE B/W 8TH STREET AND 9TH STREET**

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE #</u>
Request for Proposals	3
Bid Proposal and Required Affidavits	4-6
Agreement.....	7-9
Required Bonds.....	10-13
Instructions to Bidders.....	14

SPECIFICATIONS

I. GENERAL CONDITIONS	15
II. SEQUENCE OF CONSTRUCTION.....	16

<u>DRAWINGS</u>	SEPARATE
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Request for Proposal – RFP CMA-2004
P.C. CONCRETE STREET REPAIRS
UTAH AVENUE BETWEEN 8TH STREET AND 9TH STREET

Advertise Dates: **XXXXXXXXXX, 2020**
 XXXXXXXXXX, 2020

The City of Chickasha, Oklahoma is accepting sealed proposals for the P.C. Concrete Street Repairs Project.

The project consists of removing existing pavements and constructing new concrete pavement, curb and pipe underdrain and related elements located on Utah Avenue between 8th Street and 9th Street in Chickasha, Oklahoma.

Bids shall be made in accordance with this Invitation for Bids and the Bidding Documents.

There will be a **mandatory** Pre-Bid meeting on XXXXXXXXXX, 2020 at 10:30 a.m. at the City Conference Room, Second Floor – City Hall, 117 N. 4th Street, Chickasha, Oklahoma, 73018.

Sealed proposals shall be addressed to Mr. John Noblitt, City Manager, City of Chickasha, 117 North 4th Street, Chickasha, Oklahoma 73018, and shall be labeled “RFP CMA-2004, DO NOT OPEN” and “P.C. Concrete Street Repairs Project.” Proposals shall be submitted no later than 1:30 p.m. local time on XXXXXXXXXX, 2020. It is the sole responsibility of the proponent to ensure that this proposal is actually in the City Hall of the City of Chickasha prior to the expiration of the time and date stated above. Bids will be opened the same date at 1:30 p.m. in the City Conference Room, Second Floor – City Hall, 117 N. 4th Street, Chickasha, Oklahoma 73018.

The Issuing Office for the Bidding Documents is: City of Chickasha. Technical questions should be emailed to David Buchanan, Public Works Director, at david.buchanan@chickasha.org or by calling 405.222.6086. Bidding Documents also may be examined at: City of Chickasha Website <http://www.chickasha.org/Bids.aspx>. Bid documents must be obtained by accessing the project on QUESTCDN.com, linked to the previously listed page.

Upon consideration of the proposals, the City of Chickasha reserves the right to accept or reject any and all proposals, to waive technicalities and to make any investigation deemed necessary concerning the proponent’s ability to provide the services as covered by the specifications, and to accept what in their judgment is the most advantageous proposal.

Due to the type of project this is, the contractor will be able to use tax exempt on this project.

John Noblitt
John Noblitt, City Manager

CERTIFICATION

I certify that the above “Request for Proposal” was posted on the bulletin board of City Hall, City of Chickasha, Oklahoma, on the _____ day of _____, 2020.
Susan McDaniel, City Clerk



117 North 4th Street
Chickasha, Ok 73018

BID PROPOSAL
P.C. CONCRETE STREET REPAIRS,
UTAH AVENUE

Submission Deadline: JXXXXXXX, 2020
12:00 p.m.

I/We, the undersigned propose to provide, construct and install P.C. Concrete Street Repairs, in Chickasha, Ok meeting or exceeding specifications as described herein:

BID SCHEDULE

ITEM NO.	DESCRIPTION	UNIT	EST QTY	UNIT PRICE	TOTAL
303(A)	AGGREGATE BASE TYPE A	CY	80.00	\$	\$
310(B)	SUBGRADE METHOD B	SY	343.00	\$	\$
414(PL)	CLASS A CONCRETE PAVEMENT	SY	343.00	\$	\$
509(D)	CLASS C CONCRETE	CY	8.00	\$	\$
609(A)	CONCRETE CURB-INTEGRAL	LF	80.00	\$	\$
613(H)	6" PERFORATED PIPE UNDERDRAIN	LF	215.00	\$	\$
613(I)	6" NON-PERFORATED PIPE UNDERDRAIN	LF	55.00	\$	\$
619(B)	REMOVAL OF EXISTING PAVEMENT	SY	343.00	\$	\$
880(J)	CONSTRUCTION TRAFFIC CONTROL	LSUM	1.00	\$	\$

TOTAL BID \$ _____

Bidder: _____
Name of Company

By: _____
Signature & Title

Mailing Address: _____

Phone No Fax No Email

SUBSCRIBED AND SWORN TO BEFORE ME THIS _____ DAY OF _____ 20 ____.

MY COMMISSION EXPIRES:

NOTARY PUBLIC

AFFIDAVIT OF NON-COLLUSION

STATE OF _____)
) ss
COUNTY OF _____)

The undersigned, of lawful age, being first sworn, on oath says that (s)he is the agent authorized by the bidder to submit the attached bid. Affiant further states that the bidder has not been a party to any collusion among bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding; or with any City official or employee as to quantity, quality or price in the prospective contract, or any other terms of said prospective contract; or in any discussions between bidders and any City official concerning exchange of money or other thing of value for special consideration in the letting of a contract; that the bidder has not paid, given or donated or agreed to pay, give or donate to any officer or employee of the City of Chickasha, Oklahoma, any money or other thing of value, either directly or indirectly, in the procuring of the award of a contract pursuant to this bid.

Bidder: _____ By: _____
Name of Company Signature & Title

Mailing Address: _____

Phone No: _____ Fax No: _____ Email: _____

SUBSCRIBED AND SWORN TO BEFORE ME THIS _____ DAY _____ OF 20 .

MY COMMISSION EXPIRES:

NOTARY PUBLIC:

BUSINESS RELATIONSHIPS AFFIDAVIT

STATE OF _____)
COUNTY OF _____) ss

_____, of lawful age, being first duly sworn, on oath says that (s)he is the agent authorized by the bidder to submit the attached bid. Affiant further states that the nature of any partnership, joint venture, or other business relationship presently in effect or which existed within one (1) year prior to the date of this statement with the architect, engineer, or other party to the project is as follows:

Affiant further states that any such business relationship presently in effect or which existed within one (1) year prior to the date of this statement between any officer or director of the bidding company and any officer or director of the architectural or engineering firm or other party to the project is as follows:

Affiant further states that the names of all persons having any such business relationships and the positions they hold with their respective companies or firms are as follows:

(If none of the business relationships hereinabove mentioned exist, affiant should so state.)

Firm _____ Agent _____

Address _____

Phone _____ Fax _____ Email _____

SUBSCRIBED AND SWORN TO BEFORE ME THIS _____ DAY _____ OF 20 ____.

MY COMMISSION EXPIRES:

NOTARY PUBLIC

AGREEMENT
(CONTRACT)

City of Chickasha
P.C. Concrete Street Repairs

THIS AGREEMENT is dated as of the _____ day of _____, in the year of 20____, by and between the CITY OF CHICKASHA, hereinafter referred to as OWNER, and _____ hereinafter referred to as the CONTRACTOR.

OWNER and CONTRACTOR, in consideration of the mutual covenants hereinafter set forth, agree as follows:

ARTICLE 1. WORK

CONTRACTOR shall complete all work as specified or indicated in the contract documents. The work is generally described as follows:

P.C. CONCRETE STREET REPAIRS, UTAH AVENUE B/W 8TH STR. AND 9TH STR.

ARTICLE 2. CONTRACT TIME

2.1 The work will be completed in 45 Calendar Days after the effective date of the Notice to Proceed.

2.2 Liquidated Damages. OWNER and CONTRACTOR recognize that time is of the essence of this agreement and that OWNER will suffer financial loss if the work is not substantially complete within the time specified in 2.1 above, plus any extensions thereof allowed. They also recognize the delays, expense and difficulties involved in proving, in a legal or arbitration proceeding, the actual loss suffered by OWNER if the work is not substantially completed on time. Accordingly, instead of requiring any such proof, OWNER and CONTRACTOR agree that as liquidated damages for delay (but not as a penalty) CONTRACTOR shall pay OWNER Five Hundred Dollars (\$500.00) for each day that expires after the time specified in paragraph 2.1 for substantial completion until the work is substantially complete.

ARTICLE 3. CONTRACT PRICE

3.1 OWNER shall pay CONTRACTOR for performance of the work in accordance with the contract documents in current funds as follows:

_____ Dollars.
(\$ _____)

ARTICLE 4. PAYMENT PROCEDURES

4.1 CONTRACTOR may submit an invoice or application for payment on a monthly basis at any time prior to completion of the work. All payments made by the Owner are subject to procedures established by the Owner to authorize payment at its regularly scheduled meetings. The Owner regularly scheduled meetings are held on the 1st and 3rd Monday of each month. Invoice or application for payment must be received in the City Administrator's office no less than fifteen (15) business days prior to the regular meeting at which authorization for payment is to be requested.

4.2 Final Payment. Upon final completion and acceptance of the work, including all submittals, OWNER shall pay the remainder of the contract price, subject to the procedures noted in paragraph 4.1 above.

ARTICLE 5. CONTRACTOR'S REPRESENTATIONS

In order to induce OWNER to enter into this agreement, CONTRACTOR makes the following representations:

5.1 CONTRACTOR has familiarized himself with the nature and extent of the contract documents, and the written resolution thereof by the Owner is acceptable to CONTRACTOR.

5.2 CONTRACTOR has given the Owner written notice of all conflicts, errors, discrepancies or omissions that he has discovered in the contract documents, and the written resolution thereof by the Owner is acceptable to CONTRACTOR.

ARTICLE 6. CONTRACT DOCUMENTS

The contract documents which comprise the entire agreement between OWNER and CONTRACTOR are attached to this agreement, made a part hereof, and consists of the following:

6.1 This agreement (pages 1 to 3 inclusive).

6.2 Exhibits to this agreement (pages to inclusive).

6.3 Performance and other bonds, consisting of _____ pages.

6.4 Notice of Award.

6.5 Specifications bearing the title: **P.C. Concrete Street Repairs, Utah Avenue.**

6.6 Addenda numbers to , inclusive.

6.7 CONTRACTOR'S bid (pages ____ to , inclusive).

6.8 Documentation submitted by CONTRACTOR prior to Notice of Award (pages 1 to ____ inclusive).

6.9 Any modification, including change orders, duly delivered after execution of

agreement. There are no contract documents other than those listed above in Article 6.

The contract documents may only be altered, amended, or repealed by written and approved change order.

ARTICLE 7. MISCELLANEOUS

7.1 No assignment by a party hereto of any rights under or interests in the contract documents will be binding on another party hereto without written consent of the party sought to be bound; and specifically but without limitations, moneys that may become due and moneys that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any

written consent to an assignment. No assignment will release or discharge the assignor from any duty or responsibility under the contract documents.

7.2 OWNER and CONTRACTOR each binds himself, his partners, successors, assigns, and legal representatives to the other party hereto, his partners, successors, assigns, and legal representatives in respect to all covenants, agreements and obligations contained in the contract documents.

IN WITNESS WHEREOF, the parties hereto have signed this agreement in duplicate. One counterpart has been delivered to OWNER and CONTRACTOR. All portions of the contract documents have been signed or identified by OWNER and CONTRACTOR.

This agreement will be effective the _____ day of _____ 20__.

OWNER:
CITY OF CHICKASHA

CONTRACTOR:

By: _____
Chairman

By: _____
Signature & Title

CORPORATE SEAL
Attest:

CORPORATE SEAL
Attest:

By: _____

By: _____

ADDRESS FOR GIVING NOTICES:

ADDRESS FOR GIVING NOTICES:

City of Chickasha

ATTN: City Manager

117 North 4th Street

Chickasha, OK 73018

Phone: 405-222-6045

Fax: 405-222-6004

John.Noblitt@chickasha.org

Phone: _____

Fax: _____

Email: _____

STATUTORY BOND

KNOW ALL MEN BY THESE PRESENTS:

That we, _____, as Principal, and _____, as Surety, are held firmly bound unto the City of Chickasha in the sum of

_____ DOLLARS (\$ _____), for the payment of which, well and truly to be made, we, and each of us, bind ourselves, our heirs, executors and assigns, themselves, and its successors and assigns, jointly and severally, firmly by these presents.

Dated this _____ day of _____, 20 .

The conditions of this obligation are such, that whereas, the above Bonded Principal _____ is the lowest and best bidder for the making of the following work and improvements, viz:

P.C. Concrete Street Repairs, Utah Avenue in Chickasha, Oklahoma (Project)

and has entered into a certain written contract with the City of Chickasha on the _____ day of _____ 20 , for the construction of said work and improvement, in exact accordance with the bid of said Principal, and according to certain specifications heretofore made, adopted and placed on file in the office of the City Clerk of the City of Chickasha.

NOW, THEREFORE, if said principal shall fail or neglect to pay all indebtedness incurred by said Principal or subcontractor of said Principal who perform work in the performance of such, for labor and materials furnished by any supplier and consumed in the performance of said contract, and such repairs to and rental of machinery and equipment as may be furnished by a subcontractor to the person or persons contracting with this Owner within thirty (30) days after the same becomes due and payable, the person, firm or corporation entitled thereto may sue and recover on this bond, the amount so due and unpaid.

It is further expressly agreed and understood by the parties hereto that no changes or alterations in said Contract and no deviations from the plan or mode of procedure herein fixed shall have the effect of releasing the sureties, or any of them, for the obligations of this Bond.

IN WITNESS WHEREOF, the said Principal has caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its duly authorized officers, and the said Surety has caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its attorney—in—fact, duly authorized so to do, the day and year first above written.

ATTEST:

_____	Principal
Secretary	By: _____
	Surety
	By: _____

ATTEST:

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS THAT:

_____, as Principal,
and _____, a corporation
organized under the laws of the State of _____, as Surety, are held and firmly bound unto
the City of Chickasha, in the penal sum of _____ Dollars
(\$ _____) in lawful money of the United States of America, for the payment of
which, well and truly to be made, we bind ourselves and each of us, our heirs, executors, administrators,
trustees, successors, and assigns, jointly and severally, firmly by these presents.

The condition of this obligation is such that WHEREAS, said Principal entered into a written contract
with the City of Chickasha, dated _____, 20____, for the P.C. Concrete Street Repairs, Utah
Avenue in Chickasha, Oklahoma (PROJECT) all incompliance with the specifications therefore, made a
part of said Contract and on file in the office of the City Clerk, City of Chickasha, Oklahoma.

NOW THEREFORE, if said Principal shall, in all particulars, well, truly and faithfully perform and abide
by said Contract and each and every covenant, condition, and part thereof, and shall fulfill all obligations
resting upon said Principal by the terms of said Contract and said specifications, and if said Principal shall
protect and save harmless said City of Chickasha from any pecuniary loss resulting from the reach of any
of the items, covenants and conditions of said Contract resting upon said Principal, then this obligation
shall be null and void, otherwise to be and retain in full force and effect.

It is further expressly agreed and understood by the parties hereto that no changes or alternations in said
Contract and no deviations from the plan or mode of procedure herein fixed shall have the effect of
releasing the Sureties, or any of them, from the obligations of this Bond.

IN WITNESS WHEREOF, the said Principal has caused these presents to be executed in its name and its
corporate seal to be hereunto affixed by its duly authorized officers, and the said Surety has caused these
presents to be executed in its name and its corporate seal to be hereunto affixed by its attorney-in-fact,
duly authorized so to do, the day and year set forth below.

Dated this _____ day of _____, 20____.

Principal

ATTEST:

Secretary

By: _____

Surety

ATTEST:

By: _____

MAINTENANCE BOND

KNOW ALL MEN BY THESE PRESENTS:

That we, _____ as Principal,
and _____, as Surety, are
held and firmly bound into the CITY OF CHICKASHA, a Municipal Corporation in the State of
Oklahoma, in the full and just sum of

_____ DOLLARS
(\$ _____) such sum being equal to the contract price for the payment of
which, well and truly to be made, we, and each of us, bind ourselves, our heirs, executors, and
assigns, themselves, and its successors and assigns, jointly and severally, firmly by these
presents.

The conditions of this obligation are such, that whereas, said Principal, has by certain contract
between _____ and the CITY OF CHICKASHA
dated this _____ day of _____ 20__, agreed to perform for the City of
Chickasha, P.C. Concrete Street Repairs, Utah Avenue in compliance with the specifications
therefore, made part of said contract and on file in the office of the City Clerk of the City of
Chickasha; and to maintain the said improvement in the amounts set forth above against any
failure due to workmanship or material for a period of ONE year from the date of acceptance of
the work by the City of Chickasha.

NOW THEREFORE, if said Principal shall pay or cause to be paid to the City of Chickasha all
damages, loss and expense, which may result by reason of defective materials and/or
workmanship in connection with said work, occurring within a period of ONE year from and after
acceptance of said project by the OWNER; and if Principal shall save and hold harmless the
OWNER from all damages, loss and expense occasioned by or resulting from any failure
whatsoever of said Principal, then this obligation shall be null and void, otherwise to be and
remain in full force and effect.

It is further agreed that if the said Principal or Surety herein shall fail to maintain said
improvements against any failure due to defective workmanship and/or material for a period of
ONE year and at any time repairs shall be necessary, that the cost of making said repairs shall be
determined by the City of Chickasha or some person(s) designated by them to ascertain the same;
and if, upon thirty (30) days' notice, the said amount ascertained shall not be paid by the Principal
or Surety herein, or if the necessary repairs are not made, that said amount shall become due upon
the expiration of thirty (30) days and suit may be maintained to recover the amount so determined
in any court of competent jurisdiction; and that the amount so determined shall be conclusive
upon the parties as to the amount due on this bond for the repair(s) included therein, and that the
cost of all repairs shall be so determined from time-to-time during the life of this bond as the
conditions of the improvements may require.

It is further expressly agreed and understood by the parties hereto that no changes or alterations in
said contract and no deviations from the plan or mode of procedure herein fixed shall have the
effect of releasing the sureties, or any of them, from the obligations of this bond.

IN WITNESS WHEREOF, the said Principal has caused these presents to be executed in its name
and its corporate seal to be hereunto affixed by its duly authorized officers; and the said Surety
has caused these presents to be executed in its name and its corporate seal to be hereunto affixed

by its attorney-in-fact, duly authorized so to do, the day and year first above written.

ATTEST:

Principal

Secretary

By: _____

Surety

ATTEST:

By: _____

City of Chickasha
P.C. Concrete Street Repairs

INSTRUCTIONS TO BIDDERS

1. Bid documents and copies of specifications shall be obtained from QUESTCDN.com. Bid documents, plans, and specifications may be examined at the City Clerk's Office, 117 N. 4th Street, Chickasha, Oklahoma 73018.
2. A cashier's check or a certified check on a solvent bank in Oklahoma or a bid bond in the amount of five percent (5%) of the bid shall accompany the proposal of each bidder. The check or bond shall be made payable to the Owner. All checks or bonds will be returned to unsuccessful bidders. This check or bond shall be as a guarantee of contractor's ability to perform the contract bid upon, and that he will enter into a written contract with the Owner to perform said work and/or furnish said materials in accordance with said specifications and furnish the required bonds within ten (10) business days after the acceptance of his bid. No bidder may withdraw his bid for a period of sixty (60) days after the closing date for the receipt of bids.
3. In accordance with Oklahoma statutes, any bid must be accompanied by a Non-Collusion Affidavit and a Business Relations Affidavit. All bidders shall use the enclosed forms to satisfy this requirement.
4. Any bids received after the closing time will be returned unopened. Minority and small business owners are encouraged to submit proposals.
5. A Maintenance Bond guaranteeing the repair of all damage due to improper materials or workmanship for a period of one (1) year after the acceptance of the work by the Owner will be required.
6. In accordance with O.S. Title 61, if the total bid price exceeds \$50,000.00, the following provisions regarding Performance Bond and Statutory Payment Bond shall apply.
7. A Performance Bond and a Statutory Payment Bond in the amount of 100% of the contract price each with a Corporate Surety licensed in Oklahoma and approved by the Owner will be required for the faithful performance of the contract, and the bidder shall state in the proposal the name and address of the Surety or Sureties who will sign this bond in case the contract is awarded to him. Copies of required bond forms are included in the bid packet.
8. **Attendance at the Pre-Bid Conference is MANDATORY. Bids will not be accepted from firms who do not have a representative attending the Pre-Bid Conference. No plans, specifications or bid documents will be issued after the Pre-Bid Conference. All bidders must visit and inspect the construction sites and shall be familiar with the physical characteristics and conditions at the construction sites prior to submitting a bid.**

City of Chickasha
P.C. Concrete Street Repairs

SPECIFICATIONS

I. GENERAL CONDITIONS

- A. Proposal is to perform P.C. Concrete Street Repairs as described below and on the drawings on Utah Avenue between 8th Street and 9th Street in Chickasha, Oklahoma.
- B. Quoted prices shall remain valid for not less than 60-days.
- C. The prices bid shall be for completed work as specified herein. Details necessary for completed work not listed herein shall be considered incidental to the work and will not be paid for separately.
- D. The City of Chickasha reserves the right to reject any and all bids.
- E. Oklahoma Department of Transportation (ODOT) Standard Specifications for Highway Construction, 2009 Edition and Standard Drawings shall govern the technical provisions. ODOT Standard Specifications and Standard Drawings are not provided herein but are available on ODOT's web page. Bidders/Contractor are responsible for obtaining these Standard Specifications and Drawings.
- F. During execution of this contract, the term "Department" shall mean the City of Chickasha Public Works Department.
- G. During execution of this contract, the terms "Engineer" or "Resident Engineer" shall mean the Engineer retained by the City of Chickasha. The Owner reserves the right to consider alternative proposals submitted in writing by Bidders or by the Contractor.
- H. Refer to the Drawings for additional information.
- I. Contractor shall be responsible for Quality Control of all products and the work.
- J. The work shall proceed continuously from Notice to Proceed until Final Completion.
- K. Contractor shall perform all work consistent with MUTCD and OSHA regulations and requirements.
- L. Dimensions and distances provided are approximate. Contractor shall verify dimensions in the field before ordering materials.
- M. Contractor shall participate in a pre-construction conference with the Owner before beginning work.
- N. All materials shall be new and shall be of standard production as offered by the manufacturer, unless otherwise approved by the Owner.
- O. Contractor shall submit two hard copies of materials submittals for review and acceptance by the Owner prior to ordering materials.
- P. Utah Avenue shall be closed to through traffic during construction. Refer to the drawings for additional details. All other existing streets, roads and alleys shall remain open to all traffic during construction.
- Q. All work shall comply with the applicable Rules, Codes and Standards listed in these Special Provisions, and all Federal, State and Local codes and ordinances, as well as any other authorities that may have lawful jurisdiction pertaining to the work specified. None of the terms or provisions of this specification shall be construed as waiving any of the rules, regulations or requirements of these authorities. The contractor shall procure all necessary permits or licenses to carry out his work.

- R. In any instance where these specifications call for materials for construction of a better quality or larger capacity than required by the codes, the provisions of these specifications shall take precedence. The codes shall govern in other cases of direct conflict between the codes and the specifications.
- S. Purchases of materials for this project shall be exempt from Sales taxes and use taxes as provided for by State law.

II. SEQUENCE OF CONSTRUCTION

- A. Contractor shall provide written notice to the City of Chickasha two weeks in advance of starting work.
- B. Contractor shall give written notice to all residents, occupants or businesses that may be affected by the work. Said written notice shall be delivered no less than 48 hours, nor more than two (2) weeks prior to the start time of any disruption. The written form may be "Door Hangers", but in any event shall be submitted to and approved by the Owner's Representative prior to use. At a minimum the form shall contain: Project Identification, Contractor Name, Contractor Address, Contractor Telephone number, type of construction, reason for affecting or disrupting service and duration of such disruption.
- C. All work shall be complete within 45 Calendar Days.
- D. OWNER and CONTRACTOR recognize that time is of the essence of this agreement and that OWNER will suffer financial loss if the work is not substantially complete within the time specified in 2.1 above, plus any extensions thereof allowed. They also recognize the delays, expense and difficulties involved in proving, in a legal or arbitration proceeding, the actual loss suffered by OWNER if the work is not substantially completed on time. Accordingly, instead of requiring any such proof, OWNER and CONTRACTOR agree that as liquidated damages for delay (but not as a penalty) CONTRACTOR shall pay OWNER Five Hundred Dollars (\$500.00) for each day that expires after the time specified in paragraph II.B above for substantial completion until the work is substantially complete.