CITY OF JOPLIN
ADDENDUM NUMBER 1

Issued to all Bid Document Holders of Record.

Date: 8/3/2020

Project Name: Fire Station Concrete Apron Approach Project

This addendum forms a part of the contract described above. The original Contract Documents and any prior addenda remain in full force and effect as modified by the following that shall take precedence over any contrary provisions in the prior documents.

1) **Joint Sealant for Control Joints:** Sealant will be required for the control joints in accordance with City of Joplin Specifications.

2) **Concrete Reinforcement:** The concrete will require reinforcement in accordance with Sheet Number C103 which is attached to the Addendum.

3) Joint sealant and concrete reinforcement are to be considered subsidiary to the 8" Concrete Paving Section item in the Proposal and are to be included into the unit price of said item.

4) **Location of Bid Opening:** The bid opening will now be held in the 4th floor, Engineering conference room of City Hall. The time and date for the opening are unchanged.

David K. Hertzberg, PE
Director of Public Works

8/3/2020
Date

Each bidder shall acknowledge receipt of this addendum by affixing his signature below by noting this addendum on his bid form, and by attaching this addendum to his bid.

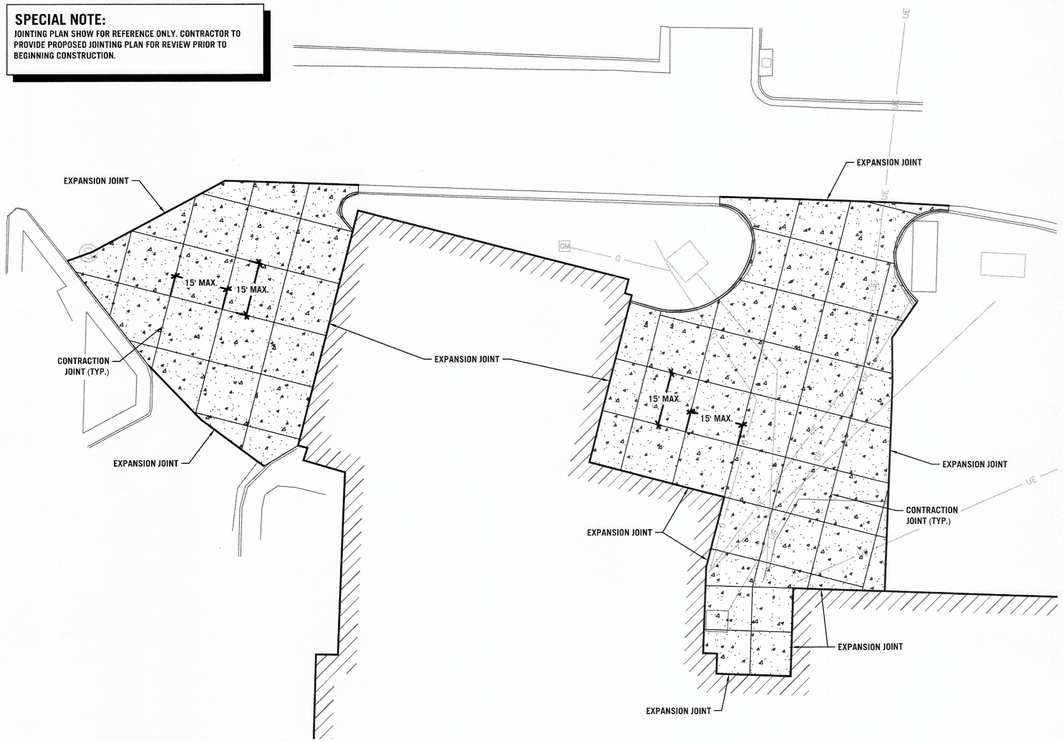
ACKNOWLEDGEMENT
The undersigned acknowledges receipt of this addendum and the Bid submitted in accordance with information, instructions and stipulations set forth herein.

Bidder: _____

Signed By: _____

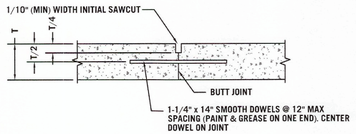
Date: _____

SPECIAL NOTE:
JOINTING PLAN SHOW FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE PROPOSED JOINTING PLAN FOR REVIEW PRIOR TO BEGINNING CONSTRUCTION.

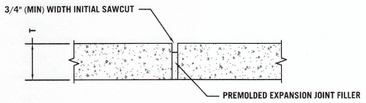


CONCRETE PAVEMENT NOTES:

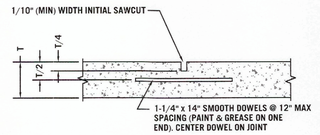
- THE CONCRETE PAVEMENT SHALL HAVE A MAXIMUM CONTRACTION JOINT SPACING OF 15 FEET. DEPTH OF SAW CUT JOINT SHALL BE 25% OF THE CONCRETE THICKNESS.
- DOWELS SHALL BE PLACED LEVEL WITH THE CONCRETE SURFACE AND PERPENDICULAR TO THE JOINTS. LEVELNESS, PERPENDICULARITY AND CENTERING OF DOWELS AND BARS SHALL BE CHECKED AND MAINTAINED DURING CONCRETE PLACEMENT. CONCRETE CONSOLIDATION SHALL BE CHECKED AT DOWEL LOCATIONS.
- ISOLATION JOINTS SHALL BE INSTALLED AT ALL FOUNDATIONS, DROP INLETS, BUILDINGS, AND OTHER STRUCTURES.
- CONCRETE COMPRESSIVE STRENGTH SHALL BE 4,000 PSI MINIMUM AT 28 DAYS AND 3,000 PSI MINIMUM AT 7 DAYS.
- CONSTRUCTION TRAFFIC SHALL NOT BE PERMITTED ON CONCRETE PAVEMENTS UNTIL 3,000 PSI COMPRESSIVE STRENGTH IS ACHIEVED AND CONFIRMED BY FIELD CURED CONCRETE SPECIMENS.



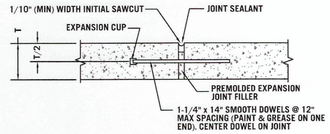
1 C103 CONSTRUCTION JOINT
SCALE: NOT TO SCALE



2 C103 ISOLATION JOINT
SCALE: NOT TO SCALE

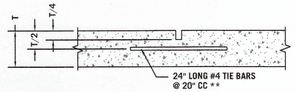


3 C103 CONTRACTION JOINT
SCALE: NOT TO SCALE



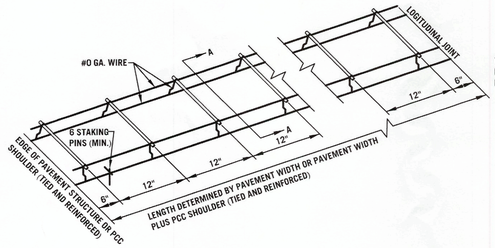
* INSTALL EXPANSION JOINTS AT EVERY 5TH TRANSVERSE JOINT IN EACH DIRECTION.

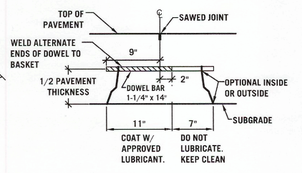
4 C103 EXPANSION JOINT
SCALE: NOT TO SCALE



** TIE BARS NOT NEEDED IF PAVEMENT HAS CURB.

5 C103 LONGITUDINAL JOINT
SCALE: NOT TO SCALE





SECTION "A-A" N.T.S.

NOTE: LEGS MAY BE STRAIGHT OR BENT, SINGLE OR DOUBLE

GENERAL NOTES:
THE DOWEL SUPPORTING UNITS SHALL BE FACTORY ASSEMBLED AND CAPABLE OF HOLDING THE DOWELS IN THEIR REQUIRED POSITIONS. IN THE COMPLETED JOINT INSTALLATION, NO DOWELS SHALL VARY FROM ITS REQUIRED POSITION MORE THAN 1 IN 36.

THE DOWEL BAR SPACING SHALL BE 12" CENTERS, BEGINNING 6" FROM THE OUTER EDGES OF THE PAVEMENT.

THE FREE END OF EACH EPOXY COATED DOWEL SHALL BE MARKED WITH A SPOT OF PAINT AT LEAST ONE INCH IN DIAMETER AND CONTRASTING IN COLOR WITH THE EPOXY COATING.

WIRES, BARS OR CLIPS SHALL BE USED AS NECESSARY TO STRENGTHEN THE ASSEMBLIES, TIE WIRES, BARS OR CLIPS USED TO STRENGTHEN DOWEL BASKET ASSEMBLIES FOR SHIPMENT AND INSTALLATION SHALL BE REMOVED OR CUT PRIOR TO PLACING CONCRETE.

STAKING PINS SHALL BE FABRICATED FROM 0 GA. WIRE MINIMUM WITH A SUITABLE HOOK. STAKING PINS SHALL HAVE A LENGTH OF 18" TYPE "A" AND TYPE "B" ASSEMBLIES AND 12" FOR TYPE "C" ASSEMBLY UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

6 C103 DOWEL SUPPORTING UNIT DETAIL
SCALE: NOT TO SCALE

CAUTION:
EXISTING SURFACE FEATURES, STRUCTURES, ETC. AND UNDERGROUND INSTALLATIONS SUCH AS WATER MAIN, GAS MAINS, SEWERS, TELEPHONE LINES, FIBER OPTIC LINES AND BURIED STRUCTURES ARE INDICATED ON THE DRAWING ONLY TO THE EXTENT SUCH INFORMATION HAS BEEN MADE AVAILABLE TO OR DISCOVERED BY THE SURVEYOR IN PREPARING THIS DRAWING. THERE IS NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF SUCH INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

SPECIAL NOTE:
CONTRACTOR TO PERFORM DETAILED SITE INSPECTION TO LOCATE ALL EXISTING UTILITIES AND VERIFY ANY POSSIBLE CONFLICTS WITH PROPOSED IMPROVEMENTS PRIOR TO BEGINNING ANY CONSTRUCTION. CONTACT ENGINEER WITH ANY CONFLICTS.

MISSOURI ONE CALL SYSTEM, INC. 1-800-344-7483 STOP CALL BEFORE YOU DIG!

ADDED THIS SHEET

ANDERSON ENGINEERING
EMPLOYEE OWNED
ENGINEERS • SURVEYORS • LABORATORIES • DRILLING
811 E. 3RD STREET • JOPLIN, MISSOURI 64801 • PHONE (417) 782-7399
A LICENSED MISSOURI ENGINEERING & SURVEYING CORPORATION - LC 62

DRAWING INFO.

DRAWN BY:	LDE
CHECK BY:	CRW
LICENSE NO.	PE-2010019607
DATE:	8/3/2020
FIELD BOOK:	
JOB NUMBER:	20JO10027

REVISIONS

NO	DESCRIPTION	BY	DATE
1	REVISION #1	LDE	6-24-20
2	ADDENDUM #1	LDE	8-3-20

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FIRE STATION 1 CONCRETE REPLACEMENT
CITY OF JOPLIN

PAVEMENT JOINTING PLAN

JOPLIN, JASPER COUNTY, MISSOURI

STATE OF MISSOURI
8/3/2020
CODY RYAN WHITE
NUMBER PE-2010019607
PROFESSIONAL ENGINEER

DWG NUMBER
JOP-100-5584

SHEET NUMBER
C103