

## ADVERTISEMENT FOR BIDS

City of Elkton  
71 Public Square; PO Box 578  
Elkton, KY 42220

The **City of Elkton (KY)** will receive separate, sealed Bids for their **Goebel Avenue Bike/Pedestrian Project** until **2:00 p.m., Wednesday, August 17, 2022** at the **Elkton City Hall**, 71 Public Square, Elkton, Kentucky 42220, at which time they will be publicly opened and read aloud.

The contract involves the construction of nearly 800 SY of new concrete sidewalk, road widening, and other appurtenances and related work along Goebel Avenue within the City of Elkton.

Bids are to be addressed to the City of Elkton, 71 Public Square (PO Box 578), Elkton, Kentucky 42220, and shall be marked "**Sealed Bid – Goebel Avenue Bike/Pedestrian Project.**" Bids are also to include on the outside, Bidder's name and address and the Bid receipt date and time. Bids shall be prepared in compliance with the requirements of the Bidding Documents.

The Issuing Office for the Bidding Documents is: McGhee Engineering, Inc., at P.O. Box 267, 202 South Ewing Street, Guthrie, Kentucky 42234 or by calling (270) 483-9985. Perspective Bidders may examine the Bidding Documents at the Issuing Office on Mondays through Fridays between the hours of 8:30-4:30 pm, and may obtain copies of the Bidding Documents from the Issuing Office as described below. Plans must be ordered by visiting [www.mcgheengineering.com](http://www.mcgheengineering.com) and clicking "**Bid Opportunities**". Plans will be sold with an option of Digital only OR Printed Set w/ Digital copy. Bids will be accepted only from registered contractors holding approved bid forms provided by the Issuing Office. Plan holders may be viewed at [www.mcgheengineering.com](http://www.mcgheengineering.com).

The City of Elkton is an equal opportunity employer and encourages minority and small businesses to bid on all projects. This project will be funded in part by a grant from the Kentucky Transportation Cabinet, and it is subject to all associated requirements and all requirements for public projects in Kentucky. Bidders and DBE subcontractors must be prequalified with Kentucky Transportation Cabinet or possess a Certificate of Eligibility at the time of the bid opening. All other sub-contractors must be pre-qualified when accepting subcontracts. Contract award shall be made based on the lowest, responsive, responsible Bid. The City of Elkton reserves the right to reject any or all Bids, to waive any technicality, and to accept any Bid which it deems advantageous.

All Bids shall remain subject to acceptance for 90 days after the time set for opening Bids. All bids should be accompanied by a bid bond of not less than five percent (5%) of the amount of the bid executed by a Surety Company authorized to do business in the Commonwealth of Kentucky and countersigned by a licensed Kentucky Resident Agent, representing the Surety Company. Check or bond shall be payable to the City of Elkton. All taxes, fees, and licenses are the responsibility of the successful Bidder unless specifically exempted in the Bidding Documents.

The **City of Elkton** has set a goal that not less than **5.0%** of the total value of this contract be subcontracted to Disadvantaged Business Enterprises. The goal for the utilization of Disadvantaged Business Enterprises as subcontractors is a recommended goal. Contractors who fail to meet such goal will be expected to provide written explanations to the **City of Elkton** efforts they have made to accomplish the recommended goal, and the extent to which they are successful in accomplishing the recommended goal will be a consideration in the procurement process.

A **Pre-bid Conference** will be held at **2:00 P.M. local time**, on **Friday, August 5, 2022**, at the **Elkton City Hall**, 71 Public Square, Elkton, KY 42220. Bidders are encouraged to attend and participate in the conference.

Published by the authority of the **City of Elkton, Kentucky**  
Arthur Green, Mayor

Dated: July 26, 2022

City of Elkton, Kentucky

SOLICITATION FOR THEIR

Goebel Avenue Bike/Pedestrian Project

FEDERAL PROJECT NUMBER 4000123

SOLICITATION ISSUED July 26, 2022  
CLOSING DATE: August 17, 2022, AT 2:00 PM

DBE Certification Required – 5.0%  
DBE Plan/Subcontract Request included?

Required Bid Proposal Guaranty: Not less than 5% of the total bid.

Check guaranty submitted (mark one): Cashier's Check  Certified Check  Bid Bond

WHEN SUBMITTED, BID BONDS WILL BE RETAINED WITH THE PROPOSAL

Chris Wilcutt, PE  
Project Engineer – McGhee Engineering, Inc.  
chris.wilcutt@mcgheeengineering.com  
270.483.9985

## Section 1 - Invitation

**City of Elkton, Kentucky** (hereinafter referred to as “the LPA”) is now accepting responses for their **Goebel Avenue Bike/Pedestrian Project** (hereinafter referred to as “the Project”). Careful attention must be paid to all requested items contained in this Solicitation. Contractors are invited to submit responses in accordance with the requirements of this Solicitation. Please read the entire package before submitting a proposal.

A Pre-Bid Conference will be held at **2:00 PM on August 5, 2022**, at Elkton City Hall, 71 Public Square, Elkton, Kentucky for all prospective bidders. Following the Pre-Bid Conference, questions or inquiries will not be accepted after **August 10, 2022 at 5:00 PM CDT**. All questions must be submitted in writing with all questions being answered in one response.

The process of accepting bids and choosing the successful bidder shall be by Competitive Sealed Bidding.

The purpose of this Solicitation is to request Contractor responses in order to provide this Project under contract to the LPA. It is anticipated that this will result in a single award. It is also to provide the minimum specifications and requirements for the completion of the Project that meets the needs and desires of the LPA. This Solicitation may result in no contract being awarded should the LPA feel that this is in its best interest.

Each bidder shall comply with all Federal, State & Local regulations concerning the type of service or good. All services performed under contract shall be in accordance with the terms and provisions of this Solicitation and any resulting Contract. It will be the LPA’s responsibility to ensure that such services rendered are performed and are acceptable.

This project will follow the Kentucky Transportation Standard Specifications for Road and Bridge Construction, current edition.

All provisions of this Solicitation shall be part of any resulting Contract. The Contractor agrees that a resulting Contract is the complete and exclusive statement of the agreement between the parties, which supersedes all prior agreements, oral or written, and all other communications between the parties relating to the subject matter of this Solicitation.

## Section 2 - Inquiries

Contact with LPA agents for information specific to response procedures and regulations shall be limited to the LPA Contact. Administrative questions or concerns regarding the Solicitation may be answered over the phone or in writing. Contractors and Subcontractors requiring clarification or interpretation of the technical specifications shall make a written request via letter or email no later than August 10, 2022 at 5 PM CDT. Site visits may be arranged during normal duty hours by making an appointment in advance.

### LPA Contact:

Name, Co.: Laura Brock, Elkton City Clerk  
Address: 71 Public Square, Elkton, KY 42220  
Phone: 270-265-9877  
Fax: 270-265-5816  
Email: [city\\_clerk@elktonky.com](mailto:city_clerk@elktonky.com)

### Specification/Technical Contact:

Name, Co.: Chris Wilcutt, PE (McGhee Eng.)  
Address: PO Box 267, Guthrie, KY 42234  
Phone: 270-483-9985  
Fax: 270-483-9986  
Email: [chris.wilcutt@mcgheeengineering.com](mailto:chris.wilcutt@mcgheeengineering.com)

The Contacts listed above shall be the sole point of contact throughout the procurement process. Contractors SHALL NOT communicate with any LPA staff or official concerning this Solicitation, except the

**Section 3 - Bidder Information Sheet**

**BID FORM**

Project Identification: City of Elkton, Kentucky  
Goebel Avenue Bike/Pedestrian Project

Contract Identification: Contract No. 1

**ARTICLE 1 – BID RECIPIENT**

1.01 This Bid is Submitted to: City of Elkton  
71 Public Square  
Elkton, Kentucky 42220

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in the Bid and in accordance with the other terms and conditions of the Bidding Documents.

**ARTICLE 2 – BIDDER’S ACKNOWLEDGMENTS**

2.01 Bidder accepts all of the terms and conditions of the Advertisement and Instructions to Bidders, including without limitations those dealing with the dispositions of Bid security. The Bid will remain subject to acceptance for 90 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

**ARTICLE 3 – BIDDER’S REPRESENTATIONS**

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged.

Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_  
Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_  
Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_  
Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

C. Bidder is familiar with and is satisfied as to all Federal, State, and local Laws and Regulations that may affect cost, progress, and performance of the Work.

D. Bidder has carefully studied all: (1) reports, if any, of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities).

- E. Bidder has obtained and carefully studied (or accepts the consequences for not doing so) all additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by the Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents to be employed by Bidder, and safety precautions and programs incident thereto.
- F. Bidder does not consider that any further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of the Work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has correlated the information known to Bidder, information and observations obtained from visits to the Site, reports and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents.
- I. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Engineer is acceptable to Bidder.
- J. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.
- K. Bidder will submit written evidence of its authority to do business in the State where the Project is located not later than the date of its execution of the Agreement.

#### **ARTICLE 4 – FURTHER REPRESENTATIONS**

##### **4.01 Bidder further represents that:**

- A. This Bid is genuine and not made in the interest of or on the behalf of any undisclosed individual or entity and is not submitted in conformity with any agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over Owner.

**ARTICLE 5 – BASIS OF BID**

5.01 Bidder will compete the Work in accordance with the Contract Documents for the following prices:

Base Bid Area: West Main Street (Station 1+50 to 17+28)					
Item #	Item	Quantity	Units	Unit Price	Total Price
001	DGA Base	640	Ton	\$ _____	\$ _____
002	Crushed Aggregate Base Size No. 57	70	TON	\$ _____	\$ _____
003	Asphalt Base Class 2 – 1.00D PG 64-22 per KYTC Standards, in place, complete and ready for use.	420	TON	\$ _____	\$ _____
004	Asphalt Surface Class 2 – 0.38B PG 64-22 per KYTC Standards, in place, complete and ready for use.	300	TON	\$ _____	\$ _____
005	Cem. Concrete Entry Pavement: 8-inch	97.4	SQYD	\$ _____	\$ _____
006	Sidewalk: 4-inch Concrete	703.0	SQYD	\$ _____	\$ _____
007	Removal & Discarding of existing driveway pavements where required for new sidewalk surface.	38.0	SQYD	\$ _____	\$ _____
008	Detectable Warning Pads	14	SF	\$ _____	\$ _____
009	Seeding & Protection	115	SQYD	\$ _____	\$ _____
010	Sodding & Protection	585	SQYD	\$ _____	\$ _____
011	Storm Sewer Culvert Pipe Replacement: 15" CMP (Circular)	30	LF	\$ _____	\$ _____
012	Concrete Pipe Culvert Headwall: 15" Poured in Place similar to RDH-005-02.	2	EA	\$ _____	\$ _____
013	Shoulder Milling & Trenching per KYTC Standards, complete and ready for use.	1,215	SQYD	\$ _____	\$ _____
014	Edge Key per KYTC Standards in place, complete and ready for use.	4,100	LF	\$ _____	\$ _____

015	Signs (Bike Lane – Permanent)	18	SQFT	\$ _____	\$ _____
016	Pavement Marking – Bike Lane Symbol per KYTC Standards, in place, complete and ready for use.	8	EA	\$ _____	\$ _____
017	Adjust Manhole Frame to Grade	7	EA	\$ _____	\$ _____
018	Maintain & Control Traffic	1	LS	\$ _____	\$ _____
019	Staking	1	LS	\$ _____	\$ _____
020	Demobilization ( <i>min of 3.5% base bids</i> )	1	LS	\$ _____	\$ _____

**TOTAL AMOUNT OF BASE BID** \$ \_\_\_\_\_

5.02 Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

5.03 SUPPLEMENTAL UNIT PRICES: The following Supplemental Unit Prices will apply in the event that additions to the work are required and ordered. A single price shall be bid for each item. OWNER reserves the right to accept or reject these prices by inclusion in or omission from the Contract Documents to be executed after the award of the Contract.

Item	Type of Work	Unit	Supplemental Unit Price	
			(Words)	(Numbers)
1.	Relocate/Reinstall Mailbox w/ Anchor	EA	_____ Dollars	\$ _____

**ARTICLE 6 – TIME OF COMPLETION**

6.01 Bidder agrees that the Work will be substantially complete within the number of calendar days, indicated in these Bidding Documents.

6.02 Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the work within the Contract Time.

**ARTICLE 7 – RETAINAGE**

7.01 Retainage is not permitted on this project.

**ARTICLE 8 – BID SUBMITTAL**

8.01 This Bid submitted by:

Submitted by:

_____	_____	
Signature	Business	
_____	_____	
Printed or Typed Name	Bidder's Business Address	
_____	_____	
Title	City, State, Zip Code	
_____	_____	
Employer's Tax ID No.	Business Phone No.	Business Fax No.
_____	_____	_____
Business Email Address	Cell Phone No.	Other Contact No.

7.02 Bid submitted on \_\_\_\_\_, 2022.

Seal below (if required)

**PARTIAL PREVIEW**



# CONSTRUCTION PLANS

for the

## *Goebel Avenue Bicycle Lane & Sidewalk Project*

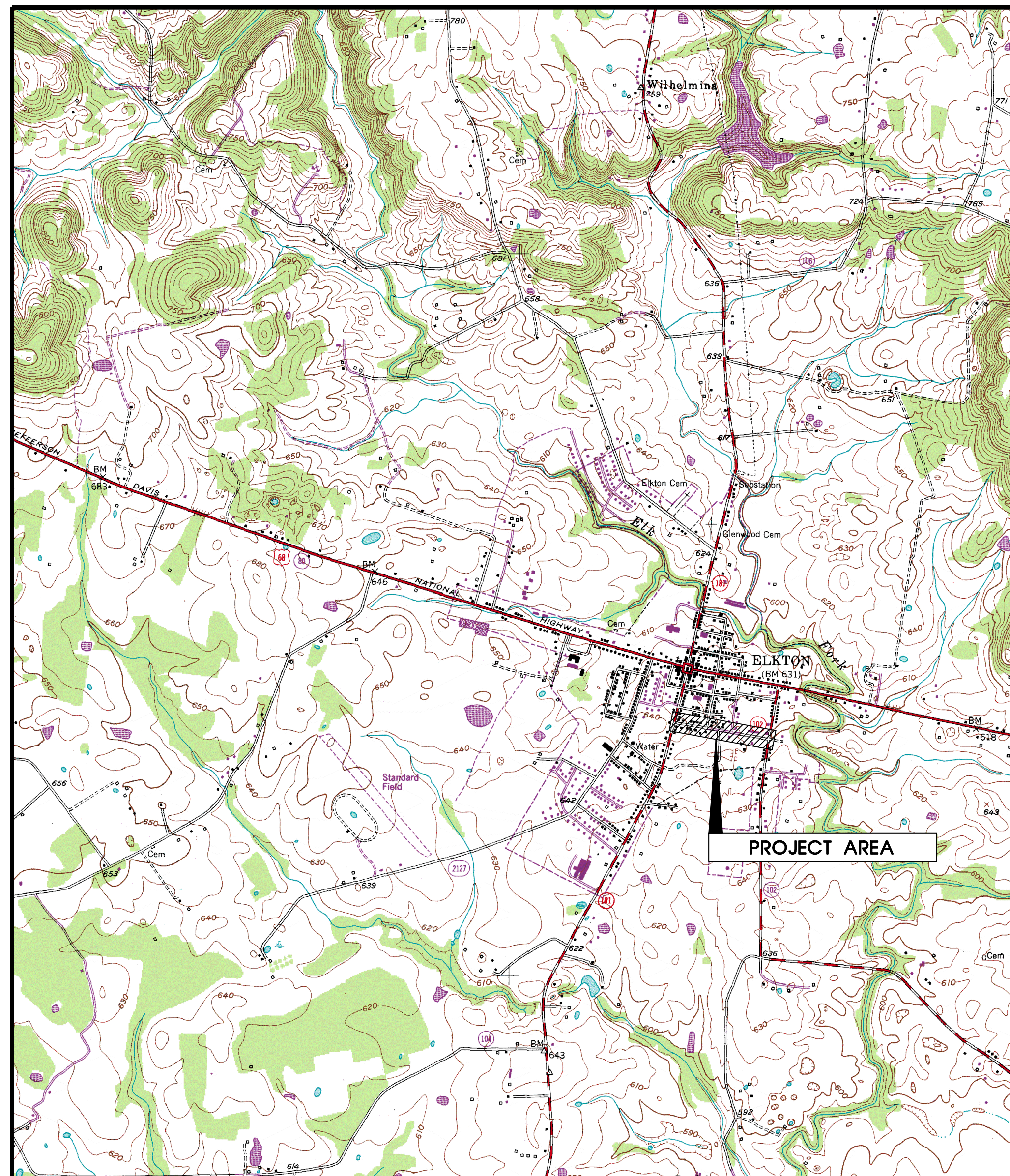
*KYTC Project 03-03214*

on behalf of the

### CITY OF ELKTON

*Todd County, Kentucky*

VICINITY MAP



SHEET INDEX

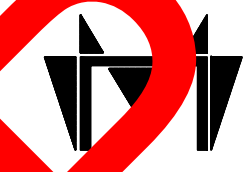
- T-1 Title Sheet
- P-1 General Notes & Quantities
- P-2 Typical Road & Sidewalk Sections
- P-3 General Notes & Existing Utility Locations
- P-4 Right of Way Summary
- P-5 New Sidewalk & Road Widening Layout
- P-6 Storm Sewer Improvement X-section (Station 14+33)
- P-7 KYTC Standard Drawings
- P-8 KYTC Standard Drawings
- P-9 KYTC Standard Drawings
- P-10 KYTC Standard Drawings

**Mayor & City Council**

Mayor: *Frank M. Reynolds*  
 Councilman: *Michael Powell*  
 Councilman: *David Gibson*  
 Councilman: *George Orr*  
 Councilman: *Danny Foster*

City of Elkton, Kentucky  
 P.O. Box 500, 111 Public Square  
 Elkton, Kentucky 42220  
 (270) 223-5171

**Engineer**


**Ghee Engineering, Inc.**  
 200 Ewing St, Box 267  
 Guthrie, Kentucky 42234  
 (270) 483-9985

No	Revision	Date	By
1	FOR CONSTRUCTION	06-01-22	CWW
2	FOR KYTC REVIEW	12-01-21	CWW

REVISIONS

DECEMBER 2021

PARTIAL PREVIEW

# GENERAL SUMMARY

ITEM CODE	ITEM	UNIT	GOEBEL AVE. SIDEWALKS (BOTH SIDES)	GOEBEL AVE. ROADWAY (BOTH SIDES)	GOEBEL AVE. GENERAL (BOTH SIDES)	TOTAL PROJECT
02101	CEM CONC ENT PAVEMENT - 8 IN.	SQYD	91.4	-	-	91.4
02569	DEMobilIZATION (Min. of 3.5% of contract)	LS	-	-	1	1
02650	MAINTAIN & CONTROL TRAFFIC	LS	-	-	1	1
02720	SIDEWALK - 4 IN. CONCRETE	SQYD	703.5	-	-	703.5
02721	REMOVE APRON PAVEMENT (DRIVEWAYS)	SQYD	58.0	-	-	58.0
02726	STAKING	LS	-	-	1	1
05985	SEEDING AND PROTECTION	SQYD	115	-	-	115
05990	SODDING	SQYD	-	585	-	585
01791	ADJUST MANHOLE FRAME TO GRADE	EA	-	7	-	7
23158ES505	DETECTABLE WARNINGS	SQFT	14	-	-	14
00462	STORM SEWER PIPE - 15 IN CIRCULAR (RCP)	LF	-	30	-	30
01204	PIPE CULVERT HEADWALL (15"; POUR IN PLACE)	EA	-	2	-	2
2585	EDGE KEY	LF	-	4,100	-	4,100
20748ED	SHOULDER MILLING & TRENCHING	SQYD	-	1,215	-	1,215
20782NS714	PAVEMENT MARKING - SHARED BIKE LANE LOGOS	EA	-	8	-	8
2562	SIGNS (BIKE LANE - PERMANENT)	SQFT	-	18	-	18
	REINSTALL MAILBOX w/ ANCHOR	EA	-	-	-	-

## PAVING AREAS

ITEM	DEPTH	GOEBEL AVE. SIDEWALKS (BOTH SIDES)	GOEBEL AVE. RD. EDGE TRENCH (BOTH SIDES)	GOEBEL AVE. EDGE KEY (BOTH SIDES)	TOTAL PROJECT
DGA BASE (CEM CONC ENT PAVEMENT - 8 IN.)	4"	91.4	-	-	91.4
DGA BASE (SHOULDER MILLING & TRENCHING)	8"	-	1,215	-	1,215
CRUSHED AGGREGATE SIZE NO 57 BASE (WALKS/DW)	2"	703.5	130	-	833.5
ASPHALT BASE CLASS 2 - 1.00D PG 64-22 (SS)	3.00"	-	-	684	684
ASPHALT BASE CLASS 2 - 1.00D PG 64-22 (SS)	4.00"	-	1,215	-	1,215
ASPHALT SURFACE CLASS 2 - 0.38B PG64-22 (SS)	1.00"	-	*	*	5,000

## PAVING SUMMARY

ITEM CODE	ITEM	UNIT	GOEBEL AVE. SIDEWALKS (BOTH SIDES)	GOEBEL AVE. RD. EDGE TRENCH (BOTH SIDES)	GOEBEL AVE. EDGE KEY (BOTH SIDES)	TOTAL PROJECT
0001	DGA BASE	TON {115 LBS/SQYD}	25	615	-	640
0071	CRUSHED AGGREGATE SIZE NO 57	TON {77 LBS/SQYD}	60	10	-	70
0212	ASPHALT BASE CLASS 2 - 1.00D PG 64-22	TON {110 LBS/SQYD}	-	295	125	420
0307	ASPHALT SURFACE CLASS 2 - 0.38B PG64-22	TON {110 LBS/SQYD}	-	*	*	300

### UTILITY CONTACTS

Ky. Underground Protection	(800) 752-6007
AT&T/Bellsouth Repair	(877) 737-2478
Pennyrile Rural Electric Coop.	(270) 265-2545
Mediacom Cable	(800) 444-5353
Atmos Energy	(270) 772-2816
City of Elktion	(270) 265-9877

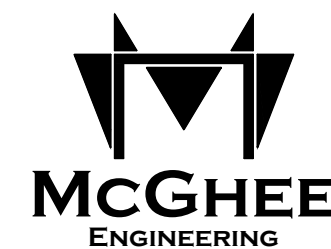
### GENERAL NOTES & WORK ITEMS

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH KYTC STANDARDS & DETAILS.
- CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES TO HAVE BURIED FACILITIES IN THE PROJECT AREA LOCATED PRIOR TO CONSTRUCTION. ANY UTILITIES DAMAGED BY CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR TO THE UTILITY'S SATISFACTION. ALL LOCATIONS SHOWN ARE APPROXIMATE.
- WHEELCHAIR RAMPS TO COMPLY WITH ADA GUIDELINES. REFER TO STANDARD KYTC DETAILS.
- AT EXISTING CONCRETE SIDEWALKS AND PAVED DRIVE INTERSECTIONS, THE EXISTING SURFACES SHALL BE SAW CUT EVENLY FOR SMOOTH TRANSITION TO NEW SIDEWALKS.
- ANY WATER/SEWER UTILITY RELOCATION THAT MAY BE PERFORMED BY ELKTON SHALL BE ACCOUNTED FOR AND CONSIDERED INTO THE CONTRACTOR'S SEQUENCE OF WORK.
- WHERE SIDEWALKS CROSS PRIVATE DRIVES, THE SIDEWALK SHALL BE TAPERED FLUSH TO ALLOW THE CONTINUED INGRESS/EGRESS AT THE RESIDENCE OR BUSINESS.
- ALL RAMPS TO COMPLY WITH ADA GUIDELINES. FOR TYPICAL PLAN, SEE STANDARD DRAWING RPM-170-08.
- ALL EXISTING FENCES AND LANDSCAPING WALLS SHALL REMAIN UNDISTURBED.
- ANY DAMAGE TO EXISTING ASPHALT SURFACES WILL BE REPAIRED BY THE CONTRACTOR AT THEIR EXPENSE.
- COMMERCIAL SIGNS: DO NOT DISTURB EXISTING SIGNAGE IN PROXIMITY OF SIDEWALK.

### SUMMARY OF WORK and MEASUREMENT & PAYMENT

- 1.0 GENERAL**
- The Contractor shall furnish all labor, tools, equipment and materials to construct the proposed improvements complete as shown on the plans and described in these Specifications. The work shall be measured for payment in accordance with applicable provisions of these Specifications and payment shall be made on the basis of the unit prices or lump sum prices bid. The sum of the payments for eligible pay items contained in the proposal form shall be the compensation to be paid for the completed project; provided however, that changes in the work covered by written change orders, properly executed, may result in additions or deductions from the contract price.
- The Contractor's attention is called to the fact that although the pay items shown shall be the basis for establishing the contract price, the description of the pay items does not necessarily reflect the full extent of work to be performed. The cost of the incidental work such as clearing and grubbing, trenching, backfilling, testing, etc., which is necessary but which is not specifically listed as one of the pay items, shall be included in the prices bid for the pay items to which the incidental work is most closely related.
- 1.01 Summary**
- A. The Contract's major work items are, but not limited to, the following:
- Road Widening & Paving
  - Installation of New Sidewalks & Driveway Entrances
  - Installation of Bike Lane Decals & Striping
  - Installation of Headwalls & Culvert Extensions.
- 1.02 References**
- Standard Specifications. Unless otherwise indicated, Standard Specifications shall refer to the **Kentucky Transportation Standard Specifications for Road and Bridge Construction 2012 or latest edition**, including all issued supplemental specifications. Unless specifically stated otherwise, the Measurement and Payment section of the Standard Specifications shall not apply. Measurement and payment will be made in accordance with terms of these Contract Drawings.
- 2.0 SPECIAL EXECUTION REQUIREMENTS**
- 2.01 Demolition**
- Where existing concrete curb, gutter or sidewalks are to be replaced, break up and remove all existing concrete. Demolished materials shall be disposed of at the Contractor's expense. Protect abutting buildings, structures, etc. from damage by demolition operations. Where demolition involves partial removal of integrally poured concrete, sawcut or remove concrete to a joint line so as to provide a neat, linear transition between the old and new concrete.
- 2.02 Protection of Existing Structures**
- Any building, structure or other vertical surface within 5 feet of the proposed curb, gutter or sidewalk shall be temporarily masked to a height of at least 3 feet above the level of the proposed concrete surface prior to concrete placement. Masking material shall be polyethylene sheeting, paper, or other material suitable for protecting the structure from concrete spatter or other dust during the pouring and curing resulting concrete placement operations. Masking may be attached to the structure by suitable adhesive tapes, other means that does not damage or mar the supporting surface. No mechanical fasteners (nails, screws, etc.) may be used without permission of the owner of the structure. Masking shall be removed promptly after placement operations are complete.
- 2.03 Slope**
- Sidewalks shall have positive cross slope (2% minimum) unless otherwise noted in the drawings or requested by ENGINEER. All completed work shall be free of ponded water at all times.
- 2.04 Curing**
- In cold weather conditions, protect concrete from freezing temperatures by use of protective coverings.
- 2.05 Protection of Concrete**
- A. CONTRACTOR shall erect and maintain suitable barricades to protect the new concrete surface. It is necessary to provide for pedestrian traffic, CONTRACTOR shall, at his own cost, construct adequate crosswalks. Crossing shall be such that no load is transferred to the new concrete.
- B. Pedestrian traffic shall not be permitted over new concrete prior to 72 hours after application of curing material. Vehicular traffic shall not be permitted over newly placed concrete within seven days of completion.
- 3.0 MEASUREMENT & PAYMENT**
- 3.01 General**
- The Contractor shall furnish all labor, tools, equipment and materials to construct the proposed improvements complete as shown on the plans and described in these Specifications. The work shall be measured for payment in accordance with applicable provisions of these Specifications and payment shall be made on the basis of the unit prices or lump sum prices bid. The sum of the payments for eligible pay items contained in the proposal form shall be the compensation to be paid for the completed project; provided however, that changes in the work covered by written change orders, properly executed, may result in additions or deductions from the contract price.
- The Contractor's attention is called to the fact that although the pay items shown shall be the basis for establishing the contract price, the description of the pay items does not necessarily reflect the full extent of work to be performed. The cost of the incidental work such as clearing and grubbing, trenching, backfilling, testing, etc., which is necessary but which is not specifically listed as one of the pay items, shall be included in the prices bid for the pay items to which the incidental work is most closely related.
- 3.02 Concrete Sidewalks & Driveway Entrances (Bid Form Item 005 & 006)**
- A. **Measurement** - Concrete Sidewalks, Access Ramps & Steps installation shall be measured by designation (Type, Standard and 8-in Entrance Pavement) and surface area measurements to the nearest square yard, based upon station distances along the centerline and width of pavement.
- B. **Payment** - Concrete Sidewalk Paving shall be paid for on the basis of the respective unit prices bid per square yard installed.
- Payment for furnishing and installing the concrete sidewalks shall constitute compensation in full for furnishing all labor, tools, steel reinforcement, saw cutting existing pavement edges, equipment and materials and installing the pavement, and handicap curb ramps (where specified) complete. Payment shall also include work such as location and protection of existing utilities, clearing, excavation (including rock), final grading, disposal of surplus excavated material, the removal of existing timber and structures to be relocated or abandoned, and restoration of any utilities, culverts, fences, and other surface features.
- 3.03 Removal of Apron Pavement (Driveways) (Bid Form Item 007)**
- A. **Measurement** - Paved areas, labeled for removal for new sidewalk surfaces, shall be measured for payment by surface area measurements to the nearest square yard, based upon station distances along the centerline and width of pavement.
- B. **Payment** - Pavement Removal shall be paid for on the basis of the respective unit prices bid per square yard. Payment for removing concrete sidewalks shall constitute compensation in full for furnishing all labor, tools, equipment and materials and removing the pavement complete, including the cost for transporting and disposal of surplus excavated material.
- 3.04 Detectable Warning Pads (Bid Form Item 008)**
- A. **Measurement** - Detectable Warning Pads shall be measured by surface area measurements to the nearest square foot actually installed in accordance with the contract drawings and specifications in the completed system.
- B. **Payment** - Payment shall be at the unit bid price for the measured quantity to the nearest square foot. Payment shall be total compensation for the materials, layout and installation of the warning pads located at sidewalk ends indicated on the Contract Drawings and in accordance with applicable standards of the Kentucky Transportation Cabinet.
- 3.05 Seeding & Protection (Bid Form Item 009)**
- A. **Measurement** - Seeding & Protection of disturbed areas shall be measured for payment by surface area measurements to the nearest square yard in accordance with the contract drawings and specifications.
- B. **Payment** - Seeding & Protection of disturbed areas shall be paid at the unit bid price for the measured quantity to the nearest square yard. Payment shall be total compensation for the final grading, seeding, mulching, fertilize, equipment and tools needed for the referenced surface restoration in accordance with applicable standards of the Kentucky Transportation Cabinet.
- 3.06 Sodding & Protection (Bid Form Item 010)**
- A. **Measurement** - Sodding & Protection of disturbed areas shall be measured for payment by surface area measurements to the nearest square yard in accordance with the contract drawings and specifications.
- B. **Payment** - Sodding of disturbed areas shall be paid at the unit bid price for the measured quantity to the nearest square yard. Payment shall be total compensation for the final grading, placement of sod surfaces, fertilize, equipment and tools needed for the referenced surface restoration in accordance with applicable standards of the Kentucky Transportation Cabinet.
- 3.07 Asphalt Paving (Bid Items 003 & 004)**
- A. **Measurement** - Asphalt Paving shall be measured by designation (Base and Surface) and weight of material installed to the nearest 1 ton of asphalt installed in accordance with applicable standards of the Kentucky Transportation Cabinet.
- B. **Payment** - Payment shall be at the unit bid price for the measured quantity. Payment shall be total compensation for the mobilization, equipment, tools, saw cutting and labor to complete the referenced asphalt paving in accordance with applicable standards of the Kentucky Transportation Cabinet.
- 3.08 Mailbox w/ Anchor (Supplemental Bid Item X1)**
- A. **Measurement** - Reinstallation of affected Mailboxes with Anchor shall be measured by count actually installed in accordance with Contract Drawings and applicable standards of the Kentucky Transportation Cabinet and United States Postal Service.
- B. **Payment** - Payment shall be at the unit bid price for the measured quantity. Payment shall be total compensation for the reinstallation of affected mailboxes, all in accordance with applicable standards of the Kentucky Transportation Cabinet and United States Postal Service.
- Aggregate Stone (Bid Item 001 & 002)**
- Measurement** - Aggregate & Stone (i.e. DGA, No. 57's or Channel Lining materials) shall be measured as the actual volume (tons) of material by type, installed in accordance with applicable standards of the Kentucky Transportation Cabinet.
- B. **Payment** - Payment shall be at the unit bid price for the measured quantity. Payment shall be total compensation for the respective type of material specified, all in accordance with applicable standards of the Kentucky Transportation Cabinet.
- 3.10 Adjust Manhole Frame to Grade (Bid Item 017)**
- A. **Measurement** - Vertical Adjustment of Existing Manhole Frame to Surface Grade shall be measured by count actually performed in accordance with applicable standards of the Kentucky Transportation Cabinet.
- B. **Payment** - Payment shall be at the unit bid price for the measured quantity. Payment shall be total compensation for frame extensions, labor, tools equipment and incidentals necessary to complete the work, all in accordance with applicable standards of the Kentucky Transportation Cabinet.
- 3.11 Storm Sewer Headwalls (Bid Item 012)**
- A. **Measurement** - Pipe Culvert Headwalls shall be measured by count and size of headwalls actually installed in accordance with applicable standards of the Kentucky Transportation Cabinet.
- B. **Payment** - Payment shall be at the unit bid price for the measured quantity. Payment shall include the 'poured in place' headwall, as sized, and all accessories referenced by the plans and specifications, including excavation, installation and backfill as required for a complete and working installation in accordance with applicable standards of the Kentucky Transportation Cabinet.
- 3.12 Storm Sewer or Culvert Pipe Extension (Bid Item 011)**
- A. **Measurement** - Storm Sewer or Culvert Pipes Extension shall be measured to the nearest 1 linear foot of pipe, as shown on the Contract Drawings, for each size and type of pipe installed in accordance with applicable standards of the Kentucky Transportation Cabinet.
- B. **Payment** - Payment shall be at the unit bid price for the measured quantity. Payment shall include the pipe and all accessories referenced by the plans and specifications, including excavation, installation and backfill as required for a complete and working installation in accordance with applicable standards of the Kentucky Transportation Cabinet.

- 3.13 Shoulder Milling & Trenching (Bid Form Item 013)**
- A. **Measurement** - Shoulder Milling & Trenching of street surfaces and/or roadway edges shall be measured by surface area measurements to the nearest square yard actually performed in accordance with the contract drawings and with applicable standards of the Kentucky Transportation Cabinet.
- B. **Payment** - Payment shall be at the unit bid price for the measured quantity. Payment shall be total compensation for the mobilization, equipment, tools and labor to complete the referenced asphalt pavement milling & trenching in accordance with applicable standards of the Kentucky Transportation Cabinet. Payment for removing the designated material shall constitute compensation in full for furnishing all labor, saw cutting, tools, equipment, materials and removing the pavement complete, including the cost for transporting and disposal of surplus excavated material.
- 3.14 Pavement Edge Key (Bid Form Item 014)**
- A. **Measurement** - Edge Key shall be measured to the nearest 1 linear foot of Edge Key provided at the width shown on the Contract Drawings and in accordance with applicable standards of the Kentucky Transportation Cabinet.
- B. **Payment** - Payment shall be at the unit bid price for the measured quantity. Payment shall be total compensation for the mobilization, equipment, tools, saw cutting (if needed) and labor to complete the referenced surface edge key in accordance with applicable standards of Kentucky Transportation Cabinet.
- 3.15 Permanent Bike Lane Signs (Bid Form Item 015)**
- A. **Measurement** - Permanent Bike Lane Signs shall be measured by surface area measurements of installed signs to the nearest square foot actually installed in accordance with applicable standards of the Kentucky Transportation Cabinet.
- B. **Payment** - Payment shall be at the unit bid price for the measured quantity. Payment shall be total compensation for the required signage plus installation, all in accordance with applicable standards of the Kentucky Transportation Cabinet.
- 3.16 Pavement Marking - Bike Lane Symbol (Bid Form Item 016)**
- A. **Measurement** - Bike Lane Symbols shall be measured by count actually installed in accordance with the contract drawings and specifications in the completed system.
- B. **Payment** - Payment shall be at the unit bid price for the measured quantity. Payment shall be total compensation for the paint materials, layout and painting of the referenced symbol in accordance with applicable standards of the Kentucky Transportation Cabinet.



202 Ewing Street  
Guthrie, KY 42234  
(270) 483-9985

## City of Elktion GOEBEL AVENUE BICYCLE LANE & SIDEWALK PROJECT

General Notes & Quantities

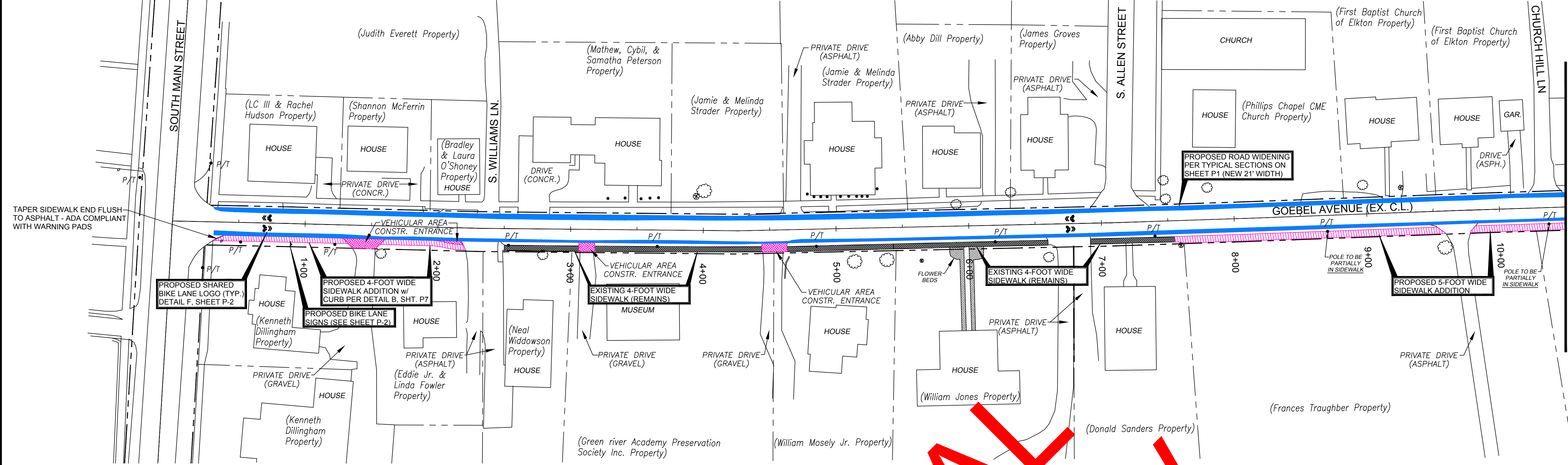
FIRM: McGhee Engineering  
DES BY: CWW CHK BY: KW  
DWN BY: CWW APP BY:  
SCALE: AS SHOWN  
PROJECT DATE: 2021

LENGTH OF BAR IS 1"  
ON ORIGINAL DRAWING

NO.	REVISIONS	DATE:
Δ	FOR CONSTRUCTION	06-01-22
Δ	UPDATED PAVING QUANTITIES	04-29-22
Δ	ADJ. QUANTITIES PER REVISION	02-16-22
Δ	FOR KYTC REVIEW	12-01-21

December 1, 2021

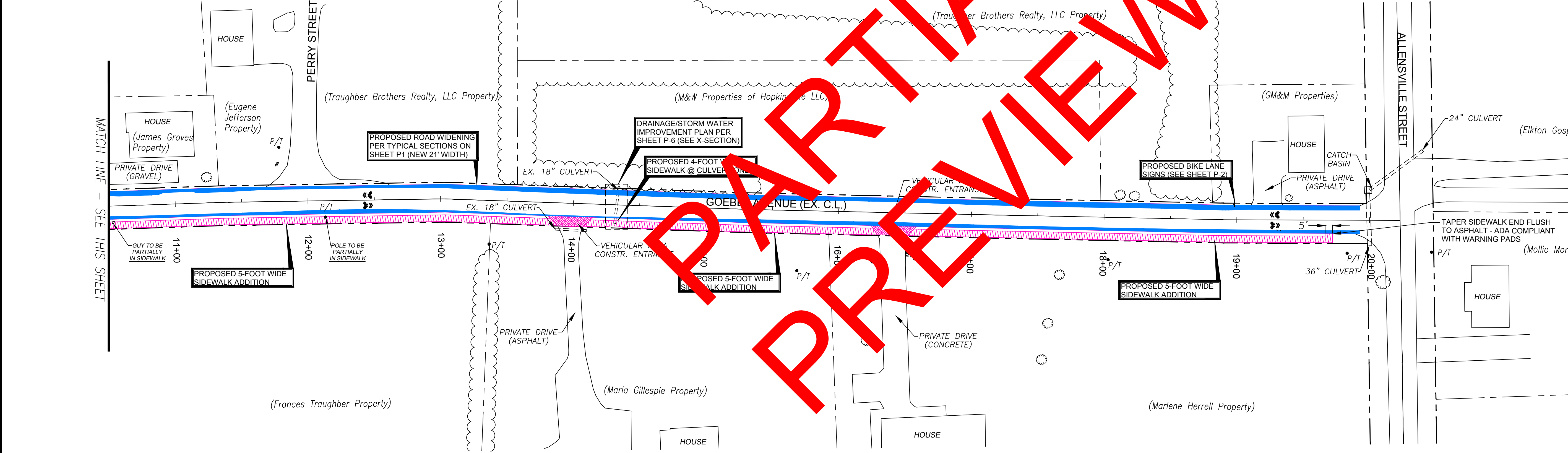
DRAWING NO. \_\_\_\_\_  
SHEET P-1



NON-VEHICULAR CONCRETE SIDEWALK LT. STATION TO STATION	SQUARE YARDS
0+34 TO 1+31	42.5
1+58 TO 2+20	27.5
7+55 TO 9+55	111.1
9+80 TO 10+50	39.3

VEHICULAR CONCRETE ENTRANCE LT. STATION	WIDTH (FT)	CEM. CONC.(SY)
1+45	17' TO 32'	20.0
2+12	22'+	4.5
3+12	12'	8.9
4+53	19'	13.6

**GOEBEL AVENUE LAYOUT: ROADWAY STATION 0+00 TO 10+50**



NON-VEHICULAR CONCRETE SIDEWALK LT. STATION TO STATION	SQUARE YARDS
10+50 TO 13+85	186.0
14+11 TO 16+28	119.5
16+55 TO 19+72	177.6

VEHICULAR CONCRETE ENTRANCE LT. STATION	WIDTH (FT)	CEM. CONC.(SY)
13+98	26'+	22.2
16+41	27'+	22.2

**GOEBEL AVENUE LAYOUT: ROADWAY STATION 10+50 TO 20+23**

**SIDEWALK NOTES & WORK ITEMS**

- CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES TO HAVE BURIED FACILITIES IN THE PROJECT AREA LOCATED PRIOR TO CONSTRUCTION. ANY UTILITIES DAMAGED BY CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR TO THE UTILITY'S SATISFACTION.
- ALL SIDEWALK RAMPS SHALL HAVE A DETECTABLE WARNING SURFACE, PER KYTC STANDARDS, INSTALLED AT THE BASE OF ALL HANDICAP RAMPS. THE TYPICAL WARNING AREA SHALL BE 42"(W) x 24"(D). THE VITRIFIED POLYMER COMPOSITE WARNING TILE SHALL BE RED IN COLOR, EQUAL TO ARMOR-TILE MODEL ADA-C-2448. (SEE KYTC STANDARD DRAWING RGX-040)
- ACCESS RAMPS & SIDEWALK HANDICAP RAMPS TO COMPLY WITH ADA GUIDELINES. FOR TYPICAL PLAN, SEE SHEET KYTC STANDARD DRAWING RPM-170.
- ALL EXISTING FENCES AND LANDSCAPING WALLS SHALL REMAIN UNDISTURBED.
- AT EXISTING CONCRETE SIDEWALKS AND PAVED DRIVE INTERSECTIONS, THE EXISTING SURFACES SHALL BE SAW CUT EVENLY FOR SMOOTH TRANSITION TO NEW SIDEWALKS.
- WHERE SIDEWALKS CROSS PRIVATE DRIVES, THE SIDEWALK SHALL BE TAPERED FLUSH TO ALLOW THE CONTINUED INGRESS/EGRESS AT THE RESIDENCE OR BUSINESS.
- SEE SHEET P-3 FOR THE APPROXIMATE LOCATION OF OTHER UTILITIES IN THE AREA.
- ANY DAMAGE TO EXISTING ASPHALT SURFACES WILL BE REPAIRED BY THE CONTRACTOR AT THEIR EXPENSE.
- WHERE EXISTING POLES/HYDRANTS FALL WITHIN THE SIDEWALK PATH, MAINTAIN AT LEAST 36-INCH CLEARANCE BETWEEN THE POLE AND WALK EDGE FOR ADA COMPLIANCE.

**UTILITY CONTACTS**

Ky. Underground Protection	(800) 752-6007
AT&T/Bellsouth Repair	(877) 737-2478
Pennyrile Rural Electric Coop.	(270) 265-2545
Mediacom Cable	(800) 444-5353
Atmos Energy	(270) 772-2816
City of Elktion	(270) 265-9877

**LEGEND**

EXISTING POWER/TELEPHONE POLE w/GUY	P/T • φ
EXISTING WATER/GAS METER	⊠ ⊞
EXISTING FIRE HYDRANT	⊙ FH
PROPOSED SIDEWALK SURFACE	[Pink Hatched Box]
PROPOSED DRIVEWAY SURFACE	[Blue Hatched Box]

 202 Ewing Street Guthrie, KY 42234 (270) 483-9985	<p align="center"><b>City of Elktion</b></p> <p align="center"><b>GOEBEL AVENUE BICYCLE LANE &amp; SIDEWALK PROJECT</b></p> <p align="center"><i>New Sidewalk &amp; Road Widening Layout</i></p>	FIRM: McGhee Engineering DES BY: CWW CHK BY: KW DWN BY: CWW APP BY: SCALE: 1"=40' PROJECT DATE: 2021	NO.	REVISIONS	DATE:	December 1, 2021  <i>Chris Wilcutt</i>	DRAWING NO.
			FOR CONSTRUCTION		06-01-22		
			REV. SIDEWALK WIDTH		02-16-22		
			FOR KYTC REVIEW		12-01-21		