

# CITY OF EDWARDSVILLE, KANSAS

## General Street Repairs - 2014

### Bid Specifications

#### SCOPE OF WORK

The work provided for in these specifications shall consist of furnishing all labor, materials, and equipment; and performing all work necessary to repair streets throughout the city as determined by the City; together with other incidental and related work as set forth in these specifications, or as directed by the City Manager, or his designated agent, hereafter referred to as the "City".

#### EXECUTION

The City shall determine locations, type and size of repair. Contractor shall schedule with the City dates and times to perform such work and notify the City at least 48 hours in advance if it is unable to perform such work on the date and time determined. Advance notice shall not be required for delays due to inclement weather on the day of work. Contractor shall reschedule work to be completed within five (5) working days of original date and time. Any work not covered under these Bid Specifications and attachments shall be in accordance with APWA requirements.

#### LICENSING

Contractor must be licensed by, or obtain a license from, the City of Edwardsville. License fee is \$100.

#### INSURANCE

The Contractor shall secure and maintain, throughout the duration of the Contract with the City, insurance protecting the Contractor against the hazards and risks of loss in such types and amounts as hereinafter set forth. The companies issuing such policies and the form thereof shall be acceptable to the City, and the City shall be named as an insured or additional insured on each such policy. Copies of such insurance policies or certificates evidencing the required insurance coverage shall be filed with the City and shall state that 20 days' written notice will be given to the City before any such policy is changed or canceled. The City will require the Contractor to take such steps as are necessary to remove the threat of cancellation or to procure new policies meeting the requirements set forth herein. No work shall be performed in the City except when policies providing the required insurance coverage are in full effect. The coverage's required of the Contractor are as follows:

1. Worker's Compensation Insurance complying with the statutory requirements of the State of Kansas and the Liability Insurance having liability limits of not less than \$250,000 for each person.

2. Comprehensive Automobile Liability Insurance and Comprehensive General Liability Insurance having liability limits not less than the following: Bodily Injury - \$500,000 each person; \$1,000,000 each occurrence; Property Damage - \$500,000 each occurrence; \$500,000 aggregate. The policy providing Comprehensive General Liability Insurance shall contain contractual liability coverage insuring any liability assumed by the Contractor.

3. Umbrella Liability Insurance coverage for not less than \$1,000,000 protecting the Contractor against all claims in excess of the limits under Employer's Liability, Comprehensive Automobile Liability and Comprehensive General Liability policies to the extent that such policies have liability limits of less than \$1,000,000.

## **BONDS**

Payment, Performance and Bid bonds are required per "Instruction to Bidders".

## **WARRANTY**

The contractor shall warranty all work for a period of not less than one (1) year from acceptance of the work by the City for Bid items 1-6 and a period not less than (2) years for Bid item 7. A maintenance bond of 100% will be required.

## **SUB-CONTRACTORS**

No bid shall be based upon the aggregate of Subcontractors performing more than fifty percent (50%) of the total Work without the prior written consent of the City. Contractor may be required to file lien waivers with the City.

## **SAFETY TRAINING**

Contractor shall be responsible for all necessary safety training in compliance with local, state and federal regulations, including, but not limited to, the Occupational Safety and Health Administration rules and regulations.

## **EQUIPMENT**

Contractor is responsible for supplying all equipment to perform the work outlined in this bid.

## **TRAFFIC CONTROL**

The Contractor shall be required to maintain general two way traffic on all streets during pavement operations. At least one lane of traffic shall be maintained in each direction during reconstruction of the Edgehill/102<sup>nd</sup> Terrace intersection. Contractor shall maintain traffic control devices 24 hours per day in accordance with the Manual on Uniformed Traffic Control Devices, latest addition.

## **PROJECT CLEANLINESS**

The project site shall be kept as clean, neat and orderly as possible at all times. All equipment and materials shall be stored in a manner so as not to inconvenience the general public or adjoining property owners. All excess material shall be removed and hauled off to an approved dump site.

## **SPECIFICATIONS**

All work and materials shall be in accordance with the attached plans and appropriate APWA standards (Division II, Construction and Material Specifications, Kansas City Metropolitan Chapter of the American Public Works Association). Work generally will include one or more of the following items.

- Full depth patch
  - See specification sheet attached to packet
- Preparation of subgrade and base course
- Contractors may use asphalt mixes that contain no more than 30% recycled/reclaimed asphalt pavement in accordance with APWA section 2205.3 C. No recycled material will include asphalt shingles.
- 2" overlay of Asphaltic Concrete Surface (APWA Type 3-01)
  - Mill Headers across street where overlay ties into existing asphalt pavement. At headers leave some loose material to soften the bump, and then remove just before overlay. Milling will not be paid for separately and the cost should be included in the bid price for asphalt overlay.
- Cold Milling
  - 2" milling to repair certain sections of road to be determined by City.
- Edge milling
  - Mill 2" deep at curb and taper to 0" at 6 feet from curb as shown on edge mill detail sheet.
- Prime and tack coating (incidental to overlay and full depth repairs)
- Edgehill Dr. and 102<sup>nd</sup> St. intersection reconstruction
  - See attached plan sheets
- Curb repair/replacement
  - See specification sheet attached to packet.

Actual work and quantities are to be determined in the field by the City during construction. Unit prices submitted in bid shall be used for payment regardless of whether final pay quantities are substantially more or less than the estimated amount listed on the bid form.

## **PROTECTION OF UTILITIES AND OTHER EXISTING STRUCTURES**

The Contractor will be held responsible for any damage to existing manholes, storm sewer, utility lines, and other structures both above and below ground because of his operations and shall repair, replace, or pay the owner of the utility for making the repair. Repair or replacement

shall be to the satisfaction of, and at no additional cost to, the owner of the utility or company. The Contractor will be held responsible for all damage to roads, highways, shoulders, ditches, embankments, bridges, culverts, and other property caused by him or any of his subcontractors in hauling or otherwise transporting materials to or from the several sites of the work, regardless of the location of such damage. The Contractor shall make arrangement relative to the payment for, or repair or replacement of, such damage or damaged surfaces of structures. Said arrangement shall be satisfactory and acceptable to the owner or owners of such damaged surfaces or structures or to their legally responsible officers, agents, or other representative, and said payment shall be at the Contractor's own expense, unless otherwise provided by the Contract.

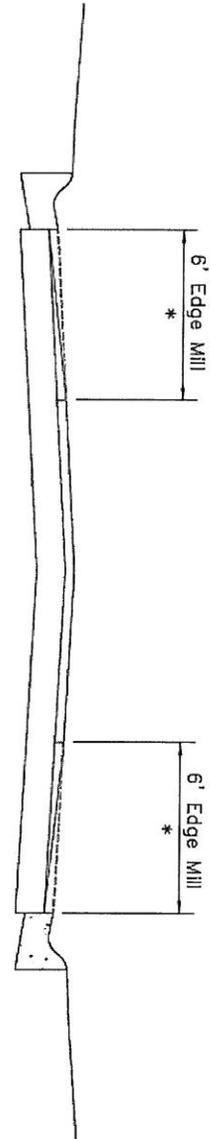
## BID FORM GENERAL STREET REPAIRS

The undersigned Bidder hereby proposes to furnish all materials, supplies, transportation, tools, equipment, facilities and to perform all necessary labor and construct, install and complete all work stipulated in, required by, and in conformity with all documents referred to herein and any and all addenda thereto, for and in consideration of unit prices as follows (*Estimated Quantities* and *Total* are for Bid Comparison Only). All prices shall be firm for 180 days from date of award.

Item No.	Bid Item	Units	Estimated Quantity	Unit Price	Total Price
1	Edge Milling (6' Width)(depth 2"-0) <b>Edge mill items (2-3)</b>	SY	6,385		
2	Edgehill subdivision: 2,815lf (22' width) 2" Overlay of Asphaltic Concrete Surface (APWA Type 3-01)	TONS	760		
3	Trant St. and 6th St: 2,585lf (22' width) 2" Overlay of Asphaltic Concrete Surface (APWA Type 3-01)	TONS	690		
4	6" Full Depth Patch Repair	SY	710		
5	2" Cold Milling	SY	100		
6	Curb Removal & Replacement	LF	50		
7	*See attached plans for Edgehill Dr. and 102 <sup>nd</sup> St. intersection improvements	<b>LUMP SUM</b>	<b>1</b>		

**Project total \$** \_\_\_\_\_

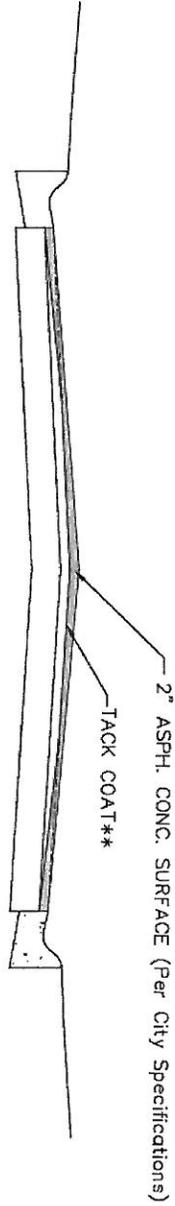
# SPECIFICATION SHEETS



\* Edge Mill shall be 2" deep at lip of curb and taper to zero depth 6' from lip of curb

## EDGE MILL DETAIL

NOT TO SCALE

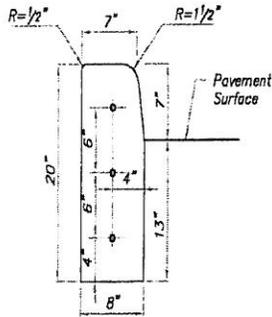


\*\* PRIOR TO OVERLAYING THE NEW SURFACE A TACK COAT SHALL BE SPRAYED ON THE EXISTING SURFACE AS PER CITY SPECIFICATIONS

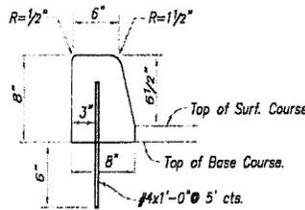
## 2" OVERLAY DETAIL

NOT TO SCALE

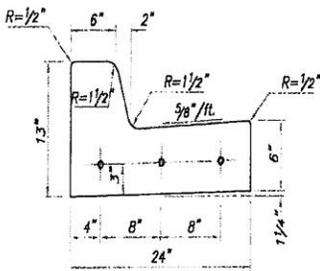
# SPECIFICATION SHEETS



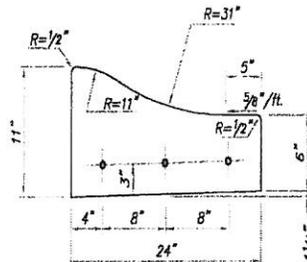
**STRAIGHT CURB**  
(TYPE C-1)



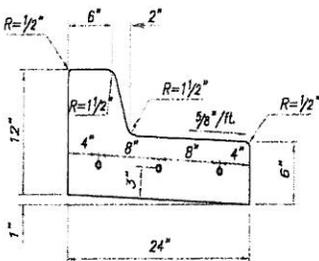
**DOWELLED CURB**  
(TYPE DC)



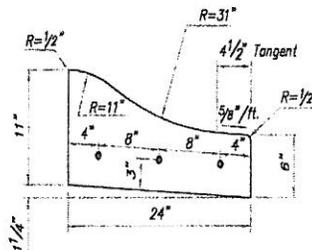
**STRAIGHT BACK CURB & GUTTER**  
(TYPE CG-1)



**ROLL BACK CURB & GUTTER**  
(TYPE CG-2)



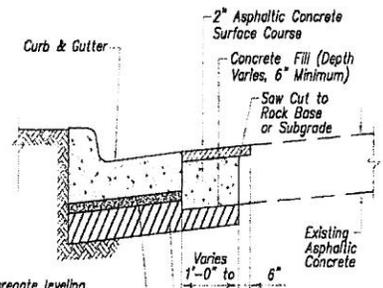
**STRAIGHT BACK DRY CURB & GUTTER**  
(TYPE CG-1 DRY)



**ROLL BACK DRY CURB & GUTTER**  
(TYPE CG-2 DRY)

**GENERAL NOTES:**

1.  $3/4$ " Isolation Joints with  $5/8$ " dia. x 2" smooth dowels shall be placed at radius points and at 150' intervals. These dowel bars shall be greased and wrapped on one end with expansion tubes.
2. 1" deep Contraction Joints shall be installed at approximately 10' intervals. These joints shall pass across the entire curb section.
3. Fix dowel bars with bar supports.
4. Depth of curb shall be a minimum of 8" through the handicap access ramp.
5. Concrete shall conform to Standard Specifications Section 2208.2.B.
6. Asphaltic concrete surface course shall conform to Standard Specifications Section 2205.2.



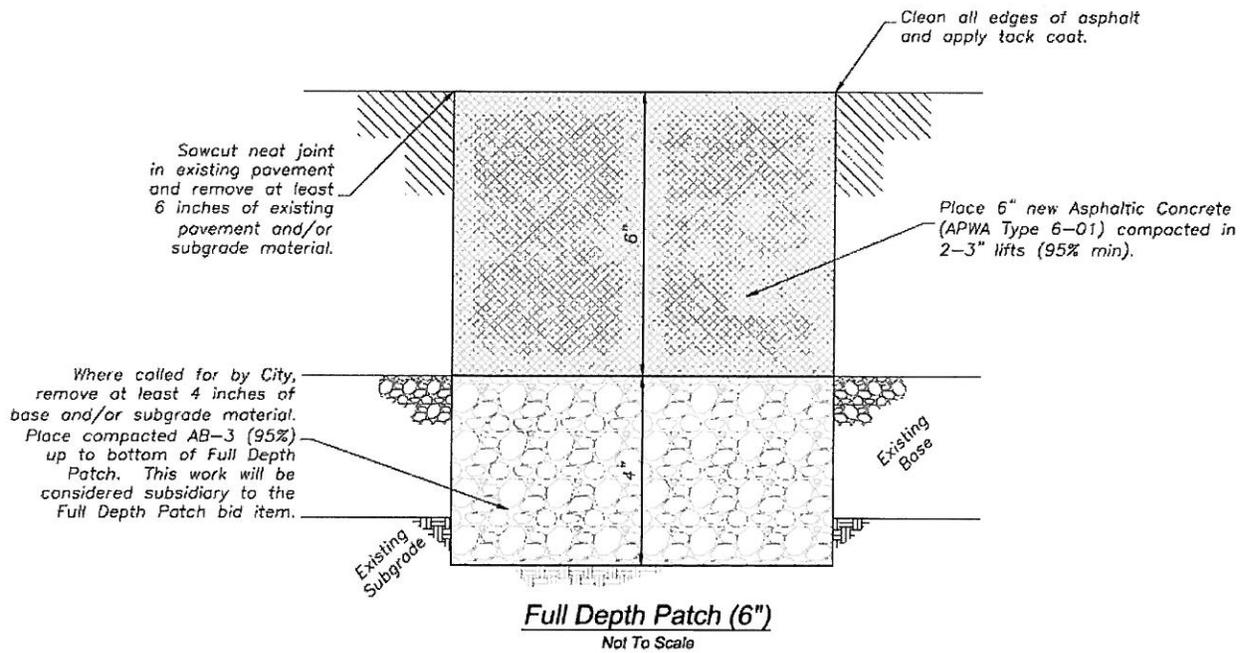
Aggregate leveling course, if used, shall conform to Standard Specifications Section 2202.

The top 6" of subgrade shall conform to Standard Specifications Section 2201.

**CURB REPLACEMENT DETAIL**

AMERICAN PUBLIC WORKS ASSOCIATION	
<b>APWA</b>	KANSAS CITY METROPOLITAN CHAPTER
CURB DETAILS	STANDARD DRAWING NUMBER C - 1 ADOPTED: MAY 23, 2001

# SPECIFICATION SHEETS



---

Company name

---

Signature

---

Date

---

Title

---

Address

---

Telephone Nos. (Office and Cell)

---

Fax No.

---

E-Mail