

CITY OF FORT COLLINS  
INVITATION TO BID

BID #5473  
MISCELLANEOUS CONCRETE PROGRAM

**BID OPENING FEBRUARY 24, 2000, 3 00P.M. (our clock)**

Sealed bids will be received and publicly opened at the office of the Director Of Purchasing and Risk Management, 256 West Mountain Avenue, Fort Collins, Colorado 80521, at the time and date noted on the bid proposal and/or contract documents

**Bids must be received at the Purchasing Office prior to 3:00p m. (our clock), February 24, 2000.**

**A copy of the Bid may be obtained as follows:**

- 1 Call the Purchasing Fax-line, 970-416-2033 and follow the verbal instruction to request document #25473 **(The bid number must be preceded by a 2 when using the Fax-line.)**
- 2 Download the Bid from the Purchasing Webpage, Current Bids page, at [www.ci.fort-collins.co.us/CITY\\_HALL/PURCHASING](http://www.ci.fort-collins.co.us/CITY_HALL/PURCHASING) then via the Current Bids pushbutton
- 3 Come by Purchasing at 256 W Mountain Ave , Fort Collins, and request a copy of the Bid

**Special Instructions**

All bids must be properly signed by an authorized representative of the company with the legal capacity to bind the company to the agreement. Bids may be withdrawn up to the date and hour set for closing. Once bids have been accepted by the City and closing has occurred, failure to enter into contract or honor the purchase order will be cause for removal of supplier's name from the City of Fort Collins' bidders list for a period of twelve months from the date of the opening. The City may also pursue any remedies available at law or in equity. Bid prices must be held firm for a period of forty-five (45) days after bid openings.

Submission of a bid is deemed as acceptance of all terms, conditions and specifications contained in the City's specifications initially provided to the bidder. Any proposed modification must be accepted in writing by the City prior to award of the bid.

Only bids properly received by the Purchasing Office will be accepted. All bids should be clearly identified by the bid number and bid name contained in the bid proposal.

No proposal will be accepted from, or any purchase order awarded, to any person, firm or corporation in default on any obligation to the City.

Bids must be furnished exclusive of any federal excise tax, wherever applicable.

Bidders must be properly licensed and secure necessary permits wherever applicable

Bidders not responding to this bid will be removed from our automated vendor listing for the subject commodities

The City may elect where applicable, to award bids on an individual item/group basis or on a total bid basis, whichever is most beneficial to the City. The City reserves the right to accept or reject any and all bids, and to waive any irregularities or informalities

Sales prohibited/conflict of interest no officer, employee, or their dependent or person residing in and sharing the expenses of their household, shall have a financial interest in the sale to the City of any real or personal property, equipment, material, supplies or services. This rule also applies to subcontracts with the City. This shall not apply to members of any authority, board, committee or commission of the city, other than the members of the City Council. Soliciting or accepting any gift, gratuity favor, entertainment, kickback or any items of monetary value from any person who has or is seeking to do business with the City of Fort Collins is prohibited. Any vendor knowing of this type of activity is encouraged to report in confidence to the Director of Purchasing and Risk Management, Director of Finance, City Attorney or City Manager so the matter can be dealt with

Freight terms unless otherwise noted, all freight is F O B Destination, Freight Prepaid. All freight charges must be included in prices submitted on proposal

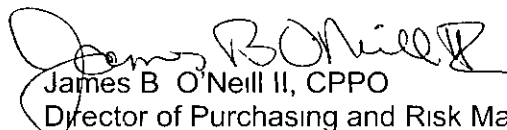
Discounts any discounts allowed for prompt payment, etc , must be reflected in bid figures and not entered as separate pricing on the proposal form

Purchasing restrictions your authorized signature of this bid assures your firm's compliance with the City's purchasing restrictions. A copy of the resolutions are available for review in the Purchasing Office or the City Clerk's Office

Cement restrictions City of Fort Collins Resolution 91-121 requires that suppliers and producers of cement or products containing cement to certify that the cement was not made in cement kilns that burn hazardous waste as a fuel

Collusive or sham bids any bid deemed to be collusive or a sham bid will be rejected and reported to authorities as such. Your authorized signature of this bid assures that such bid is genuine and is not a collusive or sham bid

Bid results for information regarding results for individual bids send a self-addressed, self-stamped envelope and a bid tally will be mailed to you. Bid results will be posted in our office 7 days after the bid opening

  
James B. O'Neill II, CPPO  
Director of Purchasing and Risk Management



CITY OF FORT COLLINS

BID PROPOSAL

**BID #5473**

**BID OPENING. FEBRUARY 24, 2000, 3.00 p.m (our clock)**

WE HEREBY ENTER OUR BID FOR THE CITY OF FORT COLLINS' REQUIREMENTS FOR **MISCELLANEOUS CONCRETE PROJECT** PER THE BID INVITATION AND ANY REFERENCED SPECIFICATIONS

The Contractor must provide all equipment, labor and materials deemed necessary to remove, haul, backfill, compact, install and patch concrete curb, gutter, sidewalk, pedestrian access ramps, concrete pavement, aprons, crosspans, trails, and inlets for various City departments. Needed services during the contract period will be requested through issuance of work orders. There is no guaranteed minimum amount of services to be ordered. No work order exceeding \$50,000 will be issued. The City reserves the right to supply any or all materials. This contract is a one year contract beginning May 1, 2000, with 4 optional years to renew and shall be administered by the Engineering Department, but may and will be utilized by other City Departments.

**SCOPE OF WORK**

1 GENERAL

- A This bid will be for various jobsites, as required by City Departments and should not be construed as one site. Each jobsite will be based on isolated locations which are separated by more than 1 city block. Needed services during the contract period will be requested through issuance of work orders. No work order exceeding \$50,000 will be issued.
- B The Contractor must provide all labor, materials and equipment, including traffic control and barricading to accomplish the work in accordance with City standard specifications. Replacement of curb, gutter and sidewalk shall match existing, i.e., vertical curb shall be replaced with vertical curb, etc., or as directed by Engineer or Project Manager.
- C Contractor must maintain a local telephone number, and must be able to be reached by telephone and facsimile transmissions during prescribed business hours (8 hours per each 24 hour working period - Monday through Friday). Contractor will respond to all City non-emergency telephone transmissions in a reasonable time (Generally meaning within 24 hours on the next working day).

2 COMPLIANCE STANDARDS

- A Contractor must refer to City of Fort Collins Design and Construction Criteria, Standards and Specifications for Streets, Sidewalks, Alleys and Other Public Ways, July 1996, for this project. These documents are available from the City Engineering Department.
- B The Contractor must submit concrete mix designs for approval by the City Engineering Department prior to starting work. The City may require the Contractor to use rapid set concrete.
- C The Contractor must be licensed with the City of Fort Collins and shall comply with all applicable Federal, State and Local Laws and regulations for the duration of the contract.
- D All asphalt patching shall be performed in accordance with the current City specifications and by a contractor licensed with the City of Fort Collins.

3 SERVICE AGREEMENT AND INSURANCE

- A Contractor must enter into the attached services agreement and provide the required insurance (Exhibit "B"). This agreement is effective for one year from the date on the service agreement. At the option of the City, the Agreement may be extended for additional one year periods not to exceed four (4) additional one year periods. Pricing changes shall be negotiated by and agreed to by both parties and may (unless approved in writing) not exceed the Denver - Boulder CPI-U as published by the Colorado State Planning and Budget Office. Written notice of renewal shall be provided to the Service Provider and mailed no later than ninety (90) days prior to contract end.

4 WORK ORDER PROCEDURE

- A All job estimates must be submitted on a unit price basis consistent with the prices established in the Bid Schedule section.
- B Contractor will invoice for all jobs completed on a unit price basis with the prices established in the Bid Schedule section.
- C Work order number must be included on the billing invoices.
- D All jobs must begin within a ten (10) day period following issue of a work order. Each work order shall be signed and returned to the issuing department within 48 hours. If the low responsive, responsible bidder cannot meet this performance specification, the City has the right to offer the project to the next lowest responsive, responsible bidder according to prices listed from their submitted bid schedule. Exceptions to this policy will be made for inclement weather preventing a timely response by the Contractor (a one-day extension for each day of bad weather will be given), or a previous understanding between the Contractor and the City's departmental representative allowing more flexibility with regard to the individual project. It will be the Contractor's responsibility to make these arrangements with the City's representative.

5 PATCHING REQUIREMENT

- A All concrete placed adjacent to asphalt pavement will require placement of a hot mix asphalt patch, unless otherwise directed by the City Engineer's office. The minimum length shall be one (1) foot longer than the concrete replacement. Asphalt next to new crossspans and aprons shall be sawcut a minimum of 30 inches from the new concrete, and asphalt next to new curb and gutter shall be sawcut a minimum of 24 inches from the new concrete so that the patching crew can provide a clean, effective patch. Patching limits shall be determined by the City Engineer, or his representative, and shall meet current City of Fort Collins patching standards for limits and depth. The Contractor shall patch the asphalt before removing the barricades and within seven (7) days of the placement of the concrete curb and gutter. If cold weather does not allow for a hot mix asphalt patch, the Contractor shall place a temporary asphalt patch and maintain the patch until a hot mix patch can be installed.

6 INSPECTION

- A It shall be the Contractor's responsibility to notify the City Engineer, or their representative, that the work is ready for inspection. Every request for inspection shall be made at least twenty-four (24) hours before inspection is desired. Any work completed by the Contractor and not inspected and accepted by the City engineer's office shall be removed and replaced at the Contractor's expense.

7 AWARD

- A Prices bid shall be based upon Project Specifications and shall be each Bidder's responsibility to familiarize themselves with the complexities involved for each type before entering a bid. Payment will be processed by City Departments upon the presentation of invoicing.
- B Award of this bid will be made in the best interest of the City. Evaluations will be completed using the estimated quantities given, times the unit price.

8 TRAFFIC CONTROL

- A All traffic control, work zone protection, and/or parking control and permits shall be the responsibility of the Contractor, and provided in accordance with the latest revisions of the "Manual on Uniform Traffic Control Devices for Streets and Highways" (MUTCD), the City of Fort Collins "Work Area Traffic Control Handbook", and the attached revisions of Sections 104 and 614, Traffic and Parking Control and Traffic Control Devices respectively.

**SECTION 00330  
 BID SCHEDULE**

**City of Fort Collins Miscellaneous Concrete Program**

ITEM NO	DESCRIPTION	PRICE	UNIT	ESTIMATED QUANTITY	TOTAL ESTIMATED AMOUNT
202 01	Remove Concrete/Asphalt		SF	8,000	
202 02	Remove and Haul Fillets		EA	10	
202 03	Sawcut Concrete/Asphalt 0" - 4"		LF	250	
202 04	Sawcut Concrete/Asphalt 4" - 6"		LF	500	
202 05	Sawcut Concrete/Asphalt 6" - 8"		LF	500	
202 06	Sawcut Concrete/Asphalt 8" - 10"		LF	250	
203 01	Excavation		CY	300	
203 02	Excavation - Walls Only		CY	150	
203 03	Embankment (Borrow CL-5 or CL-6, Complete In Place)		TON	100	
210 00	Reset Flagstone		SF	250	
212 10	Sod		SF	500	
403 01	Temporary Patching		TON	100	
403 02	Asphalt Patching - 6" Depth		TON	150	
403 03	Asphalt Patching - 10" Depth		TON	150	
604 01	Reconstruct Inlet Deck		EA	5	
604 02	Inlet Deck - Additional Foot Opening		LF	15	
604 03	Curb Inlet - 4' Opening		EA	10	
604 04	Area Inlet		EA	5	
604 05	Type R Inlet - 5' Opening		EA	5	
604 06	Type R Inlet - Additional Foot Opening		LF	5	
604 07	Curb Inlet w/Frame and Grate w/ Adjustable Curb Box		EA	5	
604 08	Concrete Sidewalk Culvert		EA	10	
604 09	Metal Sidewalk Culvert - 2' Opening, 5/8" Plate		EA	5	
604 10	Metal Sidewalk Culvert - 2' Opening, 1/2" Plate		EA	5	
604 11	Additional Square Foot, 5/8" Plate		SF	5	
604 12	Additional Square Foot, 1/2" Plate		SF	5	
608 01	Apron		SF	1,000	
608 02	Crossspan		SF	1,000	
608 03	Driveover Curb, Gutter & 4" Sidewalk		LF	1 500	
608 04	Driveover Curb Gutter & 6" Sidewalk		LF	1,500	
608 05	Driveover Curb and Gutter - No Sidewalk		LF	200	
608 06	Driveover Curb, Gutter and Drive Approach		LF	250	
<b>TOTAL PAGE 1</b>					

ITEM NO	DESCRIPTION	PRICE	UNIT	ESTIMATED QUANTITY	TOTAL ESTIMATED AMOUNT
608 07	Driveover Curb and Gutter Drive Approach No Sidewalk		LF	100	
608 08	Vertical Curb, Gutter and 4" Sidewalk		LF	500	
608 09	Vertical Curb, Gutter and 6" Sidewalk		LF	100	
608 10	Vertical Curb and Gutter - No Sidewalk		LF	1 200	
608 11	Vertical Curb, Gutter and Drive Approach		LF	200	
608 12	Vertical Curb, Gutter and Drive Approach No Sidewalk		LF	100	
608 13	12" Reinforced Vertical Curb		LF	100	
608 14	Hollywood Curb Gutter and 4" Sidewalk		LF	900	
608 15	Hollywood Curb, Gutter and 6" Sidewalk		LF	300	
608 16	Hollywood Curb, Gutter and No Sidewalk		LF	100	
608 17	Hollywood Curb, Gutter and Drive Approach		LF	200	
608 18	Hollywood Curb and Gutter Drive Approach No Sidewalk		LF	100	
608 19	Highback Curb and Gutter		LF	500	
608 20	Pedestrian Access Ramp Driveover Curb		LF	250	
608 21	Pedestrian Access Ramp, Vertical Curb		LF	250	
608 22	Pedestrian Access Ramp, Hollywood Curb		LF	250	
608 23	Pedestrian Access Ramp Highback Curb		SF	500	
608 24	4" Flatwork		SF	6,000	
608 25	6" Flatwork		SF	2 500	
608 26	Replace Flatwork 1" Additional Depth		SF	500	
608 27	8" Concrete Pavement		SF	2,000	
608 28	Concrete Staining/Sealing		SF	250	
608 29	Valley Pan - 6" Depth		SF	500	
608 30	5" Trail with Fibermesh		SF	6,000	
608 31	5' Trail with Fibermesh - Colored (Yosemite Brown)		SF	1,000	
608 32	12" Mow Strip - 4" Depth		LF	1,000	
608 33	18" Splashblock - 4" Depth		LF	500	
608 34	8" Non-reinforced Concrete Wall		SFF	1,000	
608 35	16" Non-reinforced Footer - 8" Depth		LF	300	
705 01	Backer Rod/Sealant		LF	200	
614 01	"NO PARKING" Sign With Stand		Per Day Per Each	500	
614 02	Vertical Panel Without Light		Per Day Per Each	50	
614 03	Type I Barricade Without Light		Per Day Per Each	1 000	
614 04	Type II Barricade Without Light		Per Day Per Each	20	
614 05	Type III Barricade Without Light		Per Day Per Each	20	
<b>TOTAL PAGE: 2</b>					

ITEM NO.	DESCRIPTION	PRICE	UNIT	ESTIMATED QUANTITY	TOTAL ESTIMATED AMOUNT
614 06	Size A Sign With Stand		Per Day Per Each	300	
614 07	Size B Sign With Stand		Per Day Per Each	20	
614 08	Size A Specialty Sign - Cost of Manufacturing		Each	2	
614 09	Size B Specialty Sign - Cost of Manufacturing		Each	2	
614 10	Cone With Reflective Strip		Per Day Per Each	500	
614 11	Safety Fence		Per Day Per Roll	25	
614 12	Light - Steady Burn		Per Day Per Each	25	
614 13	Light - Flashing		Per Day Per Each	400	
614 14	Advance Warning Flashing - or Sequencing Arrow Panel		Per Unit Per Day	5	
614 15	Traffic Control Supervisor		Per Day	100	
614 16	Traffic Control Supervisor		Per Hour	100	
614 17	Lagging		Per Hour	200	
<b>TOTAL PAGE 3</b>					
<b>TOTAL PAGE 1</b>					
<b>TOTAL PAGE 2</b>					
<b>TOTAL COST</b>					

\_\_\_\_\_ Dollars, and \_\_\_\_\_ Cents

(Signed) \_\_\_\_\_

(Company) \_\_\_\_\_

Check One \_\_\_\_\_ Individual Doing Business in Company Name  
 \_\_\_\_\_ Corporation  
 \_\_\_\_\_ Partnership

Address \_\_\_\_\_

Phone/FAX \_\_\_\_\_



**REVISION OF SECTION 104  
TRAFFIC AND PARKING CONTROL**

Section 104 of the Standard Specifications is hereby revised as follows

Subsection 104.04 shall include the following

It shall be the Contractor's responsibility to clear parking from the streets when such parking will interfere with the work. Prior to work that requires the street(s) or portion thereof, to be closed to parking and/or traffic, the street(s) shall be posted for "NO PARKING". The placement of these signs shall take place at least 24 hours prior to the commencement of work and shall clearly show the day, date and times that the message on the sign is in effect. (For example, if a street is to be patched on Wednesday, July 2, the street shall be posted no later than Tuesday, July 1, by 7:00 a.m. with a sign that reads similar to "NO PARKING, WEDNESDAY, JULY 2, 7:00 A.M. TO 6:00 P.M., PATCHING"). "NO PARKING" signs shall remain in place until the street is opened to traffic and all clean up operations completed.

All information on the "NO PARKING" signs, with the exception of the date, shall be in block letters permanently affixed to the sign. Any information added to a sign, such as dates, shall be clearly legible and written in block style letters. The "NO PARKING" signs shall be in effect for one or two days only, prior to construction.

Any work done by the Contractor without traffic control will not be paid for under the terms of this Contract. The Contractor will not be paid for traffic control costs incurred during Contractor caused delays.

At or near the end of each work day a representative of the Contractor, the Traffic Control Supervisor, and the City Representative will meet to discuss the progress of the work and the placement of traffic control devices including "NO PARKING" signs. Any necessary adjustments shall be made. The Contractor shall also review at this time with the City Representative the proposed means of handling parking and traffic control for upcoming work. It is the responsibility of the Contractor to minimize any inconvenience to the public as a result of this work.

At the above referenced meeting, the quantity of traffic control devices used that day shall be agreed upon by the Contractor and the City Representative. The Contractor shall utilize forms approved by the City for the tabulation of Traffic Control Devices utilized.

The Contractor shall maintain access at all times to all businesses within the project.

Any changes in the traffic control, including additional signs, barricades, and/or flaggers needed in the field shall be immediately implemented as directed by the City Representative.

The cost for traffic control is covered in "Revision of Section 614, Traffic Control Devices" found herein.

**REVISION OF SECTION 614  
TRAFFIC CONTROL DEVICES**

Section 614 of the Standard Specifications is hereby revised as follows

Subsection 614 15 shall be revised as follows

This work shall consist of furnishing, installing, moving maintaining and removing temporary traffic signs, advance warning arrows panels, barricades, channelizing devices, and delineators as required by the latest revisions of the "Manual on Uniform Traffic Control Devices for Streets and Highways" (MUTCD), the City of Fort Collins' "Work Area Traffic Control Handbook", and the "City of Fort Collins Design and Construction Criteria , Standards and Specifications for Streets, Sidewalks, Alleys and Other Public Ways", July 1996

In the event of a conflict between the MUTCD criteria and the City's criteria the City's criteria shall govern

When a device is not in use, the Contractor shall remove it from the project for the period it is not needed Devices temporarily not in use shall, as a minimum, be removed from the area Moving will include devices removed from the project and later returned to use Payment shall be made for the maximum number of each type of traffic control device being used at one given time per day

Traffic control devices shall be placed and/or stored in the City right-of-way in such a manner that minimizes the hazards to pedestrians, bicyclists and vehicles

**Traffic control devices shall be removed from the from the site immediately upon completion of the work for any street(s)**

Subsection 614 16 shall include the following

All traffic control devices placed for this project must meet or exceed the minimum standards set forth in the MUTCD All traffic control devices shall be clean and in good operating condition when delivered and shall be maintained in that manner on a daily basis All traffic control devices shall be clearly marked and free of crossed out information or any other form of defacement that detracts from the purpose for which they are intended (i.e. crossed out information, information written in long-hand style etc )

Additionally, any sign blank with sign faces on both sides must have the back sign face covered when in use to avoid confusion to motorists traveling in the opposite direction and other potentially affected parties, such as residents affected by any information the sign may present

Subsection 614 20 shall be revised as follows

Traffic control through the construction areas is the responsibility of the Contractor

For all locations, a Traffic Control Plan shall be prepared The Traffic Control Plans shall be on City supplied forms The Traffic Control Plans shall be submitted for approval to City Traffic Operations by 12 00 noon, two working days prior to the commencement of work (Note Traffic Control Plans for work done on Monday and Tuesday shall be submitted the previous Friday by 9 00 a m ) All plans shall be delivered to City Traffic Operations, 625 Ninth Street Facsimiles of plans shall not be allowed No phase of the construction shall start until the Traffic Control Plan has been approved Failure to have an approved Traffic Control Plan shall constitute cause for the City to stop work, as well as the Contractor's forfeiture of payment for all work and materials at that location, with no adjustment in the contract time

The Traffic Control Plan shall include, as a minimum, the following

**REVISION OF SECTION 614  
TRAFFIC CONTROL DEVICES**

- (1) A detailed diagram which shows the location of all sign placements including advance construction signs (if not previously approved) and speed limit signs, method, length and time duration for lane closures, and location of flag persons
- (2) A tabulation of all traffic control devices shown on the detailed diagram including, but not limited to construction signs, vertical panel vertical panel with light Type I Type II, and Type III barricades cones, drum channelizing devices, advance warning flashing or sequencing arrow panel Certain traffic control devices may be used for more than one operation or phase However, all devices required for any particular phase must be detailed and tabulated for each phase
- (3) Number of flaggers to be used
- (4) Parking Restrictions to be in affect

Approval of the proposed method of handling traffic is intended to indicate those devices for which payment is to be made Such approval does not relieve the Contractor of liability specifically assigned to him under this contract

Parking Restriction Plans shall be submitted and approved which show the location and quantity of "NO PARKING" signs, the date to be placed, and the date to be removed The plans shall be prepared on City supplied forms The Parking Restriction Plans shall be submitted to City Traffic Operations by 12 00 noon, two working days prior to the commencement of work (Note Parking Restriction Plans for work done on Monday and Tuesday shall be submitted the previous Friday by 9 00 a m ) All plans shall be delivered to City Traffic Operations, 625 Ninth Street Facsimiles of plans shall not be allowed No phase of the construction shall start until the Parking Restriction Plan has been approved Failure to have an approved Parking Restriction Plan shall constitute cause for the City to stop work, as well as the Contractor's forfeiture of payment for all work and materials at that location with no adjustment in the contract time

Subsection 614 21 shall be revised as follows

Traffic Control Management shall be performed by a Traffic Control Supervisor (TCS) The TCS(s) shall possess a current American Traffic Safety Services Association (ATSSA) certification as a Worksite Traffic Control Supervisor or Colorado Contractor's Association (CCA) certification as a Traffic Control Supervisor (Proof of certification shall be presented to the City Traffic Control Manager, and when requested by a City representative, for each TCS utilized on this project ) The TCS shall have a minimum of one year experience as a certified ICS

The TCS shall be equipped with a cellular phone The cost of this phone shall be incidental to the day or hour pay unit for TCS

The TCS's duties shall include, but not be limited to

- (1) Preparing, revising and submitting Traffic Control Plans as required
- (2) Direct supervision of project flaggers
- (3) Coordinating all traffic control related operations, including those of the Subcontractors and suppliers
- (4) Coordinating project activities with appropriate police and fire control agencies, Transfort, school districts and other affected agencies and parties prior to construction Typed hand delivered

**REVISION OF SECTION 614  
TRAFFIC CONTROL DEVICES**

notification to all businesses and residents at least 24 hours prior to construction (The notification of residents and businesses may be accomplished by a representative of the TCS )

- (5) Maintaining a project traffic control diary which shall become part of the City's project records
- (6) Inspecting traffic control devices on every calendar day for the duration of the project
- (7) Insuring that traffic control devices are functioning as required
- (8) Overseeing all requirements covered by the plans and specifications which contribute to the convenience safety and orderly movement of traffic
- (9) Flagging
- (10) Setting up traffic control devices

Notification of residents and businesses shall be the responsibility of the TCS and shall consist of distributing letters indicating the nature of the work to be completed, any special instructions to the residents (i.e. limits on lawn watering during concrete pouring, etc ), the dates and times of the work, and the parking and access restrictions that will apply, as well as thorough information placed on "NO PARKING" signs. Sample letters may be provided by the City Representative, and shall be distributed prior to the commencement of each phase of the work. Approved letters shall be distributed a minimum of 24 hours prior to the commencement of work (Note: The time frame criteria for distributing letters is the same as for posting "NO PARKING" signs ) **The cost for preparing and distributing the letters shall be included in the cost for TCS**

Traffic control management shall be maintained on a 24 hour per day basis. The Contractor shall make arrangements so that the Traffic Control Supervisor or his approved representative will be available on every working day, "on call" at all times and available upon the City's request at other than normal working hours.

The TCS's will be paid only for days the Contractor works, and as directed by the Engineer. On weekends and other days the Contractor is not working, the TCS will not be paid. **Time spent maintaining signs on the weekends, holidays, bad weather days, and other days the Contractor does not work shall be included in the unit prices for the equipment.** Time spent setting up equipment, modifying equipment, and maintaining equipment shall be included in the unit prices for the equipment.

All traffic control devices shall be placed under the supervision of a Traffic Control Supervisor.

The Traffic Control Supervisor shall have up to date copies of the City of Fort Collins' "Work Area Traffic Control Handbook", and Part VI of the MUTCD, pertaining to traffic controls for street and highway construction available at all times.

Subsection 614.23 shall be revised as follows:

Quantities to be measured for construction traffic control devices shall be the number of units of the various sizes and descriptions listed below:

Construction Traffic Signs	Size A Signs - 0'01" to 9'00" Square Feet
	Size B Signs - 9'01" to 16'00" Square Feet

"NO PARKING" Sign with Stand will be measured and paid for separately and not included in the item for Size A Signs. "NO PARKING" Sign with Stand shall consist of a metal sign attached to a device (stand)

**REVISION OF SECTION 614  
TRAFFIC CONTROL DEVICES**

such as a Vertical Panel or Type I Barricade. The sign material and stand shall be approved prior to placement by the City Representative. The sign material and stand will not be measured and paid for separately but shall be included in the Contract Unit Price for "NO PARKING" Sign with Stand. The cost for "NO PARKING" Sign with Stand shall include delivery, rental, setup, modification, maintenance, and pickup.

"NO PARKING" signs must remain in place until the street is open to traffic. The "NO PARKING" signs shall be in effect for one or two days only prior to construction.

Traffic channelizing devices consisting of vertical panel, cones, or drum channelizing devices will be measured by the unit. Barricade warning lights shall be measured and paid for separately if approved by the Engineer. Advance Warning Flashing or Sequencing Arrow Panels will be measured by the unit.

The number of Traffic Control Supervisors shall be approved by the Engineer prior to each day's work. The quantity to be measured for Traffic Control Supervisor will be the number of authorized days performed by the Traffic Control Supervisor. An authorized day shall be any day or portion of a day, authorized by the City Representative, that construction operation would require a Traffic Control Supervisor. "On Call" and project inspections on all other days will not be measured and paid for separately but shall be included in the work.

The cost for setting up equipment, modifying equipment, and maintaining equipment (not including "NO PARKING" Sign with Stand) during authorized days shall be included in the Contract Unit Price for Traffic Control Supervisor per day.

If a TCS(s) is used for an authorized day, but not for the entire day, the TCS shall be paid at the Contract Unit Price for "Traffic Control Supervisor" at the per hour rate. The Per Day TCS item is based on a minimum 10 hour day.

The quantity to be measured for flagging will be the total number of hours that flagging is actually used as authorized. Hours of flagging in excess of those authorized shall be at the Contractor's expense. Flagger breaks shall be included in the Contract Unit Price for Flagging. The method for covering flagger breaks shall be approved by the Engineer.

Flagging outside of the construction work hours will not be paid for under the terms of this contract unless authorized in writing by the Engineer.

Flagger stand-by time will not be paid for under the terms of this contract.

In locations where traffic control is set up and the work is not performed due to Contractor caused delays, the traffic control shall not be paid for under the terms of this contract. The costs for advance warning "NO PARKING" signs for periods in excess of 24 hours prior to the advancement of work, including those instances when said signs have been changed or otherwise updated to reflect current schedules, will not be paid for under the terms of this contract unless authorized by the City Representative in writing. In addition, the Owner shall deduct from compensation due the Contractor \$10.00 for each traffic control device per day for said conditions, including "NO PARKING" signs and any signs which are not removed from the site immediately upon completion of the work.

Subsection 614.24 shall be revised as follows:

The cost for Traffic Control Devices, not including "NO PARKING" Sign with Stand, shall include delivery, rental, and pickup. The cost for setting up equipment, modifying equipment, and maintaining equipment will be paid for under the Contract Unit Price for TCS as described above.

**REVISION OF SECTION 614  
TRAFFIC CONTROL DEVICES**

The cost for "NO PARKING" Sign with Stand shall include delivery rental, setup, modification, maintenance, and pickup

Payment shall be full compensation for furnishing erecting maintaining, moving removing and disposing of construction traffic control devices necessary to complete the work All construction traffic control devices which are not permanently incorporated into the project will remain the property of the Contractor

The accepted quantities will be paid for at the contract unit price for each of the pay items listed below

<u>Pay Item</u>	<u>Unit</u>
614 01 "NO PARKING" Sign with Stand	Per Day Per Each
614 02 Vertical Panel Without Light	Per Day Per Each
614 03 Type I Barricade Without Light	Per Day Per Each
614 04 Type II Barricade Without Light	Per Day Per Each
614 05 Type III Barricade Without Light	Per Day Per Each
614 06 Size A Sign With Stand	Per Day Per Each
614 07 Size B Sign With Stand	Per Day Per Each
614 08 Size A Specialty Sign - Cost of manufacturing	Each
614 09 Size B Specialty Sign - Cost of manufacturing	Each
614 10	Conc With Reflective Strip Per Day Per Each
614 11 Safety Fence	Per Day Per Roll
614 12 Light - Steady Burn	Per Day Per Each
614 13 Light - Flashing	Per Day Per Each
614 14 Advance Warning Flashing or Sequencing Arrow Panel	Per Unit Per Day
614 15 Traffic Control Supervisor	Per Day
614 16 Traffic Control Supervisor	Per Hour



**REVISION OF SECTION 614  
TRAFFIC CONTROL DEVICES**

614 17 Flagging

Per Each Per Hour

The initial manufacturing will be paid for Specialty Signs per unit and the actual use paid for under the appropriate unit cost for Size A or Size B sign. This item shall apply to new signs only. Once manufactured they may be used throughout the project. Upon completion of the work, the Specialty Signs shall be returned to the Contractor.

Flagger hand signs will not be measured and paid for separately, but shall be included in the work.

The flaggers shall be provided with electronic communication devices when required. These devices will not be measured and paid for separately but shall be included in the work.

The cost of batteries, electricity and/or fuel for all lighting or warning devices will not be paid for separately but will be considered subsidiary to the item.

Sand bags will not be measured and paid for separately but shall be included in the work.

The Contractor may provide larger construction traffic signs than those typically used in accordance with the MUTCD, if approved, however, payment will be made for the typical panel size.

The City shall not be responsible for any losses or damage due to theft or vandalism.

**SPECIAL CONDITIONS FOR WORK ON ARTERIALS AND COLLECTORS**

NOTE: CROSS STREET TRAFFIC SHALL BE MAINTAINED AT ALL TIMES UNLESS AUTHORIZED BY THE ENGINEER IN WRITING.

NOTE: FULL CLOSURES ON ARTERIALS AND COLLECTORS, INCLUDING THOSE LISTED ABOVE, WILL BE ALLOWED UNDER EXTREME CIRCUMSTANCES AND ONLY UPON APPROVAL OF THE ENGINEER. PLANS SHALL BE APPROVED A MINIMUM OF ONE WEEK PRIOR TO THE COMMENCEMENT OF WORK AND/OR THE TIME REQUIRED TO ADEQUATELY NOTIFY THE PUBLIC THROUGH THE MEDIA.

**SPECIAL CONDITIONS FOR WORK ON RESIDENTIAL STREETS**

NOTE: FULL CLOSURES ON ALL RESIDENTIAL STREETS SHALL BE ALLOWED AS SHOWN ON THE TRAFFIC CONTROL PLANS.