



Request For Bid (RFB)

Boone County Purchasing
601 E. Walnut, Room 208
Columbia, MO 65201

Melinda Bobbitt, CPPB, Director
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Bid Data

Bid Number: **47-08JUL03**
Commodity Title: **Pavement Repair/Drainage Improvements**

DIRECT BID FORMAT OR SUBMISSION QUESTIONS TO THE PURCHASING DEPARTMENT

Bid Submission Address and Deadline

Day / Date: **TUESDAY, JULY 8, 2003**
Time: **1:25 P.M. (Bids received after this time will be returned unopened)**
Location / Mail Address: **Boone County Purchasing Department
Boone County Johnson Building
601 E. Walnut, Room 208
Columbia, MO 65201**
Directions: **The Johnson Building is located on the Northeast corner at 6th Street and Walnut Street. Enter the building from the East Side. Wheel chair accessible entrance is available on the West side of the building.**

Bid Opening

Day / Date: **TUESDAY, JULY 8, 2003**
Time: **1:30 P.M. C.S.T.**
Location / Address: **Boone County Johnson Building Conference Room
601 E. Walnut, Room 207
Columbia, MO 65201**

Bid Contents

- 1.0: Introduction and General Terms and Conditions of Bidding**
- 2.0: Primary Specifications**
- 3.0: Response Presentation and Review**
- 4.0: Response Form**
 - Exhibit A - Prior Experience**
 - Exhibit B - Standard Terms and Conditions**
 - Exhibit C - Site Drawings**
 - Exhibit D - Quikrete Product Specifications**

1. Introduction and General Conditions of Bidding

- 1.1. **INVITATION** - The County of Boone, through its Purchasing Department, invites responses to provide the goods and/or services identified on the title page, and described in greater detail in Section 2.
- 1.2. **DEFINITIONS**
- 1.2.1. **County** - This term refers to the County of Boone, a duly organized public entity. It may also be used as a pronoun for various subsets of the County organization, including, as the context will indicate:
Purchasing - The Purchasing Department, including its Purchasing Director and staff.
Department(s) or Office(s) - The County Department(s) or Office(s) for which this Bid is prepared, and which will be the end user(s) of the goods and/or services sought.
Designee - The County employee(s) assigned as the primary contact(s) for interaction regarding Contract performance.
- 1.2.2. **Bidder/Contractor/Supplier** - The businesses having some sort of relationship to or with the County. The term may apply differently to different classes of entities, as the context will indicate.
Bidder - Any business entity submitting a response to this Bid. Suppliers, which may be invited to respond, or which express interest in this bid, but which do not submit a response, have no obligations with respect to the bid requirements.
Contractor - The Bidder whose response to this bid is found by Purchasing to meet the best interests of the County. The Contractor will be selected for award and will enter into a Contract for provision of the goods and/or services described in the Bid.
Supplier - All business entities which may provide the subject goods and/or services.
- 1.2.3. **Bid** - This entire document, including attachments. A Bid may be used to solicit various kinds of information. The kind of information this Bid seeks is indicated by the title appearing at the top of the first page. An "Invitation For Bid" is used when the need is well defined. An "Invitation For Proposal" is used when the County will consider solutions, which may vary significantly from each other or from the County's initial expectations.
- 1.2.4. **Response** - The written, sealed document submitted according to the Bid instructions.
- 1.3. **BID CLARIFICATION** - Questions regarding this Bid should be directed in writing, preferably by fax or e-mail, to the Purchasing Department. Answers citing the questions asked, but not identifying the questioner will be distributed simultaneously to all known prospective Bidders. Note: Written requirements in the Bid or its Amendments are binding, but any oral communications between County and Bidder are not binding.
- 1.3.1. **Bidder Responsibility** - The Bidder is expected to be thoroughly familiar with all specifications and requirements of this Bid. Bidder's failure or omission to examine any relevant form, article, site, or document will not relieve them from any obligation regarding this Bid. By submitting a Response, Bidder is presumed to concur with all terms, conditions, and specifications of this Bid.
- 1.3.2. **Bid Amendment** - If it becomes evident that this Bid must be amended, the Purchasing Department will issue a formal written Amendment to all known prospective Bidders. If necessary, a new due date will be established.
- 1.4. **AWARD** - Award will be made to the Bidder(s) whose offer(s) provides the greatest value to the County from the standpoint of suitability to purpose, quality, service, previous experience, price, lifecycle cost, ability to deliver, or for any other reason deemed by Purchasing to be in the best interest of the County. Thus, the result will not be determined by price alone. The County will be seeking the least costly outcome that meets the County needs as interpreted by the County.
- 1.5. **CONTRACT EXECUTION** - This Bid and the Contractor's Response will be made part of any resultant Contract and will be incorporated in the Contract as set forth, verbatim.
- 1.5.1. **Precedence** - In the event of contradictions or conflicts between the provisions of the documents comprising this Contract, they will be resolved by giving precedence in the following order:
1) The provisions of the Contract (as it may be amended);
2) The provisions of the Bid; and
3) The provisions of the Bidder's Response.
- 1.6. **CONTRACT PERIOD** - Contracting resulting from this Bid will have an initial start of approximately July 2003 through August 2003.
- 1.7. **COMPLIANCE WITH STANDARD TERMS AND CONDITIONS** - Bidder agrees to be bound by the County's standard "boilerplate" terms and conditions for Contracts, a sample of which is attached to this Bid.

2. Primary Specifications

- 2.1. **ITEMS AND/OR SERVICES TO BE PROVIDED** - Boone County, hereafter referred to as "County", proposes to contract with an individual(s) or organization(s), hereinafter referred to as "Contractor" for a contract for the furnishing of all labor, materials, equipment, traffic control, and supervision to perform **Pavement Repair/Drainage Improvements** at three locations owned by Boone County, Missouri.
- 2.1.1. **Scope of Services** – The Contractor shall provide all labor, materials, equipment, traffic control, and supervision to complete the following improvements. Drawings and details for each location are located in Exhibit B.
- Base Bid 1: Judges Lot* – Construct under drain, crack seal the lot, surface seal the lot, and stripe the lot.
- Base Bid 2: Public Works Lot* – Crack seal the lot, surface seal the lot, and stripe the lot.
- Alternate 1: Public Works Lot* – Remove and replace asphalt in low area.
- Alternate 2: Courthouse Sidewalk* – Replace concrete panels.
- Alternate 3: Johnson Building* – Repair loading dock ramp.
- 2.1.2. **Contract Documents** - The successful Bidder shall be obligated to enter into a written contract with the County within 30 days of award on contract forms provided by the County. If the Bidder desires to contract under his own written agreement, any such proposed agreement shall be submitted in blank with his bid. The County reserves the right to modify any proposed form agreement or withdraw its award to a successful bidder if any proposed agreement contains terms and conditions inconsistent with its bid or are unacceptable to the County legal counsel.
- 2.1.3. **Project Schedule** – Work to be performed Friday from 5:30 p.m. to sundown, Saturday during daylight hours, and Sunday during daylight hours at Base Bid 1, Base Bid 2, and Alternate 3. Work can be performed weekdays 7:00 a.m. to 5:00 p.m. at Alternate 1 and Alternate 2. It is the Contractor's responsibility to notify the County within 48 hours of starting the work. A project schedule depicting the progression of the work shall be submitted for the County's approval.

2.2. TECHNICAL REQUIREMENTS**2.2.1. Under Drain Construction****Base Bid 1: Judges Lot** - Under Drain Length = 130 feet

1. Excavate trench for under drain a minimum of 2 feet wide and 2.5 feet deep (approximate-transition depth as necessary along 7th Street retaining wall). Slope trench to ensure drainage to outlet along 7th Street (minimum slope of 1 percent). When excavating within the parking lot area, saw cut at location shown and remove existing asphalt. When excavating within the lawn area, stockpile top soil to be reused. Remove loose material from trench. Haul and dispose of waste excavated materials legally off site.
2. Line trench with a 6 ounce nonwoven geotextile.
3. Place 4-inch perforated corrugated polyethylene drainage pipe along center of trench. Install clean out as shown in the drawing.
4. Core drill a 5-inch hole through the retaining wall along the 7th Street sidewalk at the drainage pipe outlet. Grout around the hole. Attached a 6-inch stainless steel animal guard.
5. Fill trench with clean gravel to a height of 0.5 feet below the top of the trench. Wrap the remaining geotextile over the top of the gravel such that the geotextile edges overlap.
6. If within the parking lot surface, apply a tack coat to the vertical face of the asphalt using SS-1, CSS-1, CSS-1h, or CSR-1h asphalt emulsions (MoDOT Section 407 Standard Specifications). Fill the remaining 0.5 feet of the excavated parking lot with commercial grade asphalt mix directly from the truck. Place asphalt against the edges of the excavation first and then work to the center. Spread the asphalt mixture carefully to avoid segregation of materials. Compact the asphalt with a vibratory plate compactor or vibratory roller. The asphalt should be laid and compacted before the mix temperature drops below 185 degrees Fahrenheit. The asphalt should be level with the pavement after compaction.
7. If within the lawn area, fill the remaining 0.5 feet of the trench with the stockpiled soil. Compact the soil such that it is level with the surrounding lawn and additional settlement should not occur. Seed, fertilize, and mulch disturbed areas as designated in Boone County, Missouri, Road Regulations Chapter II, Road, Bridge & Right of Way Regulations, Revised April 22, 2003.
8. Replace the curb along the parking lot where removed to install the under drain. Use Quikrete concrete or approved equal for curb replacement. Quikrete product specifications are located in Exhibit D.

2.2.2. Crack Seal

Base Bid 1: Judges Lot - Crack Length = 485 feet

Base Bid 2: Public Works Lot – Crack Seal Length = 1,270 feet

1. Clean the crack using high-pressure air, sandblasting, wire brushing, or hot air blasting.
2. Inspect the crack to ensure it is clean and dry immediately before applying sealant.
3. Apply sealant from the bottom to the top of the crack to prevent air bubbles. Use a squeegee to remove any excess sealant on the pavement surface. The sealant should be hot poured Trumbull 3405 Rubber Asphalt Joint Sealer or approved equal and shall conform to AASHTO 173 and/or ASTM D 3405 or D 1190. The crack seal material shall be compatible with the surface seal coat material.

2.2.3. Surface Seal

Base Bid 1: Judges Lot - Surface Seal Area = 6,180 square feet

Base Bid 2: Public Works Lot – Surface Seal Area = 52,600 square feet

1. Power wash the lot surface to remove dirt and loose material in order to allow the surface seal to adhere to the pavement.
2. Surface seal coat the parking lot with commercial asphalt sealer (coal tar based). Apply two coats with sand as recommended by the Manufacture.
3. Use precautions to prevent the surface seal coat from flowing out of the lot and into the surrounding drainage system.
4. Place the surface seal coat such that it is allowed to cure prior to opening the lot at sunrise on Monday morning.
5. Contractor may leave the bumpers in place when surface sealing the lots.

2.2.4. Stripping

Base Bid 1: Judges Lot - Parking Spaces = 17 spaces

Base Bid 2: Public Works Lot – Parking Spaces = 57 spaces

1. Stripe all parking spaces as indicated on the drawings (Exhibit B).
2. Mark general parking spaces with industry standard yellow parking lot paint.
3. Mark handicap parking spaces with industry standard blue parking lot paint. Paint the international blue insignia on the inside of the handicap parking spaces.
4. The stripping shall match the existing stripping prior to surface sealing. Use a straight edge when completing the stripping.

2.2.5. Asphalt Remove and Replace

Alternate 1: Public Works Lot – Repair Area = 925 square feet

1. Cut the outline of the patch with a pavement saw, pneumatic hammer, or similar device extending at least 1 foot outside the distress area.
2. Excavate pavement and as much subgrade as necessary to reach a stable subgrade.
3. Trim, remove loose material, and compact the subgrade.
4. Apply a tack coat to the vertical faces of the excavation. Use SS-1, SS-1h, CSS-1 or CRS-1h asphalt emulsions (MoDOT Section 407 Standard Specifications) as recommended by the manufacture.
5. Backfill the prepared excavation with commercial grade asphalt mix. Place asphalt against the edges of the excavation first and then work to the center. Spread the asphalt mixture carefully to avoid segregation of materials.
6. Compact each lift of the patch thoroughly with a vibratory plate compactor or vibratory roller. Raise the surface elevation of the patch that storm water will drain in the directions as shown in the drawing. The patch should not be depressed or humped.
7. The patch should be laid and compacted before the mix temperature drops below 185 degrees Fahrenheit.
8. Check the vertical alignment of the patch. Repair any deficiencies.

2.2.6. Concrete Panel Repair

Alternate 2: Court House Sidewalk – Concrete Panel Repair = 1 lump sum unit

1. Remove the ten existing concrete panels and dispose of waste material legally off-site.
2. Remove the granite tiles to be replaced later.
3. Remove loose materials and prepare the subgrade for concrete panel replacement.
4. Replacement Portland cement concrete shall meet Boone County, Missouri Roadway Regulations, Chapter II,

Section 234.2. The concrete panels shall be poured to the revised elevations as shown on the drawing. Tie the elevations of the new panels into the elevations of the existing adjacent panels such that there will not be an elevation difference between abutting concrete panels.

5. Replace the granite tiles and broom finished pavement such that repair area has the same appearance as the remaining sidewalk.
6. Seal the joints to match the adjacent panels. The joint sealer shall be Sonneborn Sonolastic SL 1 polyurethane sealant or approved equal.

2.2.7. Loading Dock Ramp Repair

Alternate 3: Johnson Building - Repair Area = 1 lump sum unit

1. Saw cut and remove the loading dock ramp and pavement as shown on the drawing with a pavement saw, pneumatic hammer, or similar device extending at least 1 foot outside the distress area.
2. Excavate pavement and as much subgrade as necessary to reach a stable subgrade. Haul and dispose of waste material legally off site.
3. Trim, remove loose material, and compact the subgrade.
4. Apply a tack coat to the vertical faces of the excavation. Use SS-1, SS-1h, CSS-1, CSS-1h, or CRS-1h asphalt emulsions (MoDOT Section 407 Standard Specifications) as recommended by the Manufacturer.
5. Backfill the prepared excavation with commercial grade asphalt mix shoveled directly from the truck. Place the asphalt against the edges of the excavation first and then work to the center. Spread the asphalt mixture carefully to avoid segregation of materials. Place the asphalt in lifts and compact each lift thoroughly with a vibratory plate compactor or vibratory roller. The asphalt should be laid and compacted before the mix temperature drops below 185 degrees Fahrenheit.
6. Check the vertical alignment and smoothness of the asphalt ramp to ensure a smooth transition between the roadway surface and the loading dock door.
7. Construct concrete stairs to door as shown in the drawing. Use Quikrete concrete or approved equal. Quikrete project specifications are located in Exhibit D.

2.3. GENERAL CONDITIONS

- 2.3.1. The Contractor shall be responsible for the removal and lawful disposal of all excess materials and costs for the said services are to included in the bid price.
- 2.3.2. The Contractor shall complete all required utility locations prior to commencement of work.
- 2.3.3. The Contractor shall be responsible for accurately measuring the quantity of material required for the entire project. Quantities are estimated. The County does not guarantee minimum order quantities. The County reserves the right to increase or decrease quantities as requirements dictate. Payment is based on actual field measurements.
- 2.3.4. The Contractor shall comply with all Federal, State, and Local laws, ordinances, rules, and regulations that in any manner affect the work. Special attention is called to, but not limited to, the local environmental ordinances. Ignorance on the part of the Bidder will in no way relieve him or her from responsibility of compliance with all said laws, ordinances, rules, and regulations.
- 2.3.5. The Contractor is required to schedule the project inspections with the Facility Maintenance Department.
- 2.3.6. The Contractor shall provide all material safety data sheets prior to use of any hazardous materials on the sites.
- 2.3.7. The Contractor shall be responsible for removing and replacing damaged surfaces during the project at no additional expense to the County.
- 2.3.8. The Contractor shall be responsible for the demolition and removal of any existing materials in the work area.
- 2.3.9. The Contractor shall be required to provide appropriate warning signs and barricades during the project to insure public safety.
- 2.3.10. The contractor shall provide new material of high quality that shall give long life. The workmanship shall be of high quality in every detail.
- 2.4. **WARRANTY** – The Contractor shall be responsible for a period of one year from and after the date of final acceptance by the County of the work covered by this Contract, for any repairs or replacements caused by defective materials, workmanship, or equipment which, in the judgment of the County, shall become necessary during such period. The Contractor shall undertake with due diligence to make the aforesaid repairs and/or replacements within ten days after receiving written notice that such repairs or replacements are necessary.
- 2.5. **PREVAILING WAGE** – Prevailing hourly rate of wages is required for this Contract.
- 2.6. **PRE-BID CONFERENCE** – A pre-bid conference will not be held for this project, but Bidders are strongly encouraged to visit each site.

- 2.7. **BILLING AND PAYMENT** - Payment shall be made after the work has been completed and an invoice has been received. The vendor must submit an invoice and charges must only include prices listed in the vendor's bid response. Any additional costs associated with this project must be approved through the appropriate Change Order mechanism approved by the Boone County Commission. No additional fees or taxes shall be included as additional charges. Invoices should be submitted to Boone County Facility Maintenance for payment which will be made 30 days after receipt of a correct and valid invoice. The billing address is Boone 601 E. Walnut St. 2nd Floor, Columbia, MO 65201.
- 2.8. **CONTRACTOR RESPONSIBILITY/SERVICE REQUIREMENTS**
- 2.8.1. **Equipment/Safety** - The safety of the Contractor's employees and the public is of prime concern to the County and the Contractor must take all necessary steps to assure proper safety during the performance of the Contract. Any Bidder that has a history of safety problems or a high incidence of accidents will not be considered for award of a Contract.
- 2.8.2. **Traffic Control** - The Contractor shall be responsible for providing traffic control at each site. If possible, the Contractor shall maintain at least one lane of traffic open during repair operations. Any road closures should be approved in advance by the County.
- 2.8.3. **Utilities** - The Contractor shall ascertain the presence and location of utilities within the work area. The Contractor shall notify and coordinate the utility that may be affected by the work.
- 2.8.4. **Final Inspection and Approval** - The Contractor shall request the County to conduct site inspections after the project is complete. The County will prepare a Punch-List during the inspection and will forward a copy of the Punch-List to the Contractor. After the Punch-List items have been corrected, the Contractor shall request a final inspection with the County. Final project approval is contingent upon the County's final inspection and written approval.
- 2.8.5. **Property Damage** - Contractor shall be responsible for repair of any damage to County property and restoration of any facility damage, beyond normal wear and tear, caused by Contractor's activities. Repair and restoration shall be to the satisfaction of the County. Any repair/restoration of these damages shall be performed at no cost to the County.
- 2.9. **INSURANCE REQUIREMENTS** - The Contractor shall not commence work under this Contract until they have obtained all insurance required under this paragraph and the County has approved such insurance. All policies shall be in amounts, form, and companies satisfactory to the County. The County must carry an A-6 or better rating as listed in the A.M. Best or Equivalent Rating Guide.
- 2.9.1. **Compensation Insurance** - The Contractor shall take out and maintain during the life of this Contract, Employee's Liability and Worker's Compensation Insurance for all of their employees employed at the site of work. In case any class of employees engaged in hazardous work under this Contract at the site of the work is not protected under the Worker's Compensation Statute, the Contractor shall provide Employee's Liability Insurance for the protections of their employees not otherwise protected.
- 2.9.2. **Comprehensive General Liability Insurance** - The Contractor shall take out and maintain during the life of this Contract, such comprehensive general liability insurance as shall protect them from claims for damages for personal injury including accidental death, as well as from claims for property damages, which may arise from operations under this Contract, whether such operations be by themselves or by anyone directly or indirectly employed by them. The amounts of insurance shall be not less than \$2,000,000.00 combined single limit for any one occurrence covering both bodily injury and property damage, including accidental death.
- 2.9.3. **Automobile Public Liability and Property** - The Contractor shall maintain during the life of the this Contract, automobile public liability insurance in the amount of not less than \$2,000,000.00 combined single limit for any one occurrence and not less than \$150,000.00 per individual. Said insurance shall cover both bodily injury, including accidental death and property damaged, to protect Contractor from any and all claims arising from the use of the Contractor's own automobiles, teams, and trucks; hired automobiles, teams, and trucks; and both on and off the site of work.
- 2.9.4. **Owner's Contingent or Protective Liability and Property Damage** - The Contractor shall provide the County with proof of Owner's Protective Liability and Property Damage Insurance, which shall protect the County against any and all claims, which might arise as a result of the operations of the Contractor in fulfilling the terms of this Contract during the life of the Contract. It is preferred that this policy includes a provision for alleged assault and battery. The minimum amounts of such insurance will be \$2,000,000.00 per occurrence, combined single limits. Should any work be subcontracted, these limits will also apply.
- 2.9.5. **Insurance Certifications** - The Contractor shall furnish the County with Certificate(s) of Insurance, which name the County as additional insured in an amount as required in this Contract and requiring a 30 day mandatory cancellation

notice. In addition, such insurance shall be on an occurrence basis and shall remain in effect until such time as the County has made final acceptance of each project.

2.9.6. **INDEMNITY AGREEMENT** - To the fullest extent permitted by law, Contractor shall indemnify, hold harmless, and defend the County, its directors, agents, and employees from and against all claims arising by reason of any act or failure to act, negligent, or otherwise, of Contractor, (meaning anyone, including but not limited to consultants having a contract with Contractor or subcontractor for part of the services), of anyone directly or indirectly employed by Contractor, or of anyone for whose acts the Contractor may be liable, in connection with providing these services. This provision does not, however, require Contractor to indemnify, hold harmless, or defend the County of Boone from its own negligence.

2.9.7. **SALES/USE TAX EXEMPTION** - County will provide the Contractor with a completed Missouri Project Exemption and Missouri Tax Exemption letter for Boone County, Missouri and the Contractor shall be responsible for furnishing the exemption certificate and tax exemption letter to all authorized sub-contractors and suppliers providing materials incorporated in the work. All invoices issued for purchases for such materials, supplies, and taxable rentals shall be in the name of Boone County and contain the project number assigned by Boone County for the contract awarded. It shall be the responsibility of the Contractor to insure that no sales or use taxes are included in the invoices and that the County pays no sales/use taxes from which it is exempt. The Contractor shall be responsible for obtaining revised exemption certificates and revised expiration dates if the work extends beyond the estimated project completion date or a certificate expiration date. The Contractor shall also be responsible for retaining a copy of the project exemption certificate for a period of five years and for compliance with all other terms and conditions of section 144.062 RSMo. Not otherwise herein specified. The Contractor agrees not to use or permit others to use the project exemption certificate for taxable purchases of materials or rentals and supplies not directly incorporated into or used in the work to which it applies and agrees to indemnify and hold the County harmless from all losses, expenses and costs including litigation expenses and attorney fees resulting from the unauthorized use of such project exemption certificates.

2.10. **BOND REQUIREMENTS**

2.10.1. **Bid Bond** – Each bid response shall be accompanied by a proposal guaranty equaling five percent of the total amount of the bid. The bond shall be executed by some surety company authorized to do business in the State of Missouri, as guarantee on the part of the Bidder that if his bid be accepted, he will within ten days after receipt of notice of such acceptance, enter into a Contract and furnish a Performance Bond/Labor and Material Payment Bond to do the work advertised; and in case of default, forfeit such bid bond.

2.10.2. **Performance Bond/Labor and Material Payment Bond** – Upon award of the Contract, the Contractor shall furnish a Performance Bond and a Labor and Material Payment Bond, each in an amount equal to the full Contract price, guaranteeing faithful compliance with all requirements of the Contract Documents and complete fulfillment of the Contract, and payment of all labor, material, and other bills made in carrying out his Contract. Bond Forms are attached for use by the Contractor.

2.11. **LIEN WAIVERS** – Prior to the release of Contract amount, the Contractor shall file with the County the following:

1. An affidavit, to the effect that all payments have been made and all claims have been released for all materials, labor, and other items covered by the Contract;
2. Lien waivers signed by each supplier furnishing materials to the project releasing all claims to said materials; and
3. Lien waivers signed by each Sub-Contractor furnishing labor to the project releasing all claims against Boone County for said labor.

2.12. **BID CLARIFICATION** - Any questions or clarifications concerning bid documents should be addressed in writing, PRIOR TO BID OPENING, to Melinda Bobbitt, CPPB, Director of Purchasing, 601 E. Walnut, Room 208, Columbia, Missouri 65201. Phone: 573-886-4391 Fax: 573-886-4402 or Email: mbobbitt@boonecountymmo.org

2.13. **DESIGNEE** – Ken Roberts, Manager of Boone County Public Facility Maintenance, 573-886-4401, 601 E. Walnut St. 2nd Floor, Columbia, MO 65201

3. Response Presentation and Review

- 3.1. **RESPONSE CONTENT** - In order to enable direct comparison of competing Responses, Bidder must submit Response in strict conformity to the requirements stated herein. Failure to adhere to all requirements may result in Bidder's Response being disqualified as non-responsive. All Responses must be submitted using the provided Response Sheet. Every question must be answered and if not applicable, the section must contain "N/A."
- 3.2. **SUBMITTAL OF RESPONSES** - Responses MUST be received by the date and time noted on the title page under "Bid Submission Information and Deadline". NO EXCEPTIONS. The County is not responsible for late or incorrect deliveries from the US Postal Service or any other mail carrier.
- 3.2.1. **Submittal Package** - Submit, to the location specified on the title page, **three complete copies** of your Response in a single sealed envelope, clearly marked on the outside with your company name and return address, **the proposal number, the due date, and time.**
- 3.2.2. **Advice of Award** - If you wish to be advised of the outcome of this Bid, enclose with your Response a self-addressed stamped return envelope (size 10, first-class one-ounce postage) for our use in mailing a copy of the summary recap of the award. Notification will be by mail only, except to awarded Bidder.
- 3.2.3. **Web Page** - Vendors may view Bids, Bid Tabulations, and Bid Awards on the Boone County Web Page at <http://www.showmeboone.com>.
- 3.3. **BID OPENING** - On the date, time, and location specified on the title page under **Bid Opening**, all Responses will be opened in public. Brief summary information from each will be read aloud.
- 3.3.1. **Removal from Vendor Database** - If any prospective Bidder currently in our Vendor Database to whom the Bid was sent elects not to submit a Response and fails to reply in writing stating reasons for not bidding, that Bidder's name may be removed from our database. Other reasons for removal include unwillingness or inability to show financial responsibility, reported poor performance, unsatisfactory service, or repeated inability to meet delivery requirements.
- 3.4. **RESPONSE CLARIFICATION** – The County reserves the right to request additional written or oral information from Bidders in order to obtain clarification of their Responses.
- 3.4.1. **Rejection or Correction of Responses** – The County reserves the right to reject any or all Responses. Minor irregularities or informalities in any Response which are immaterial or inconsequential in nature, and are neither affected by law nor at substantial variance with Bid conditions, may be waived at our discretion whenever it is determined to be in the County's best interest.
- 3.5. **EVALUATION PROCESS** – The County's sole purpose in the evaluation process is to determine from among the Responses received which one is best suited to meet the County's needs at the lowest possible cost. Any final analysis or weighted point score does not imply that one Bidder is superior to another, but simply that in our judgment the Contractor selected appears to offer the best overall solution for our current and anticipated needs at the lowest possible cost.
- 3.5.1. **Method of Evaluation** – The County will evaluate submitted Responses in relation to all aspects of this Bid.
- 3.5.2. **Acceptability** – The County reserves the sole right to determine whether goods and/or services offered are acceptable for County use.
- 3.5.3. **Endurance of Pricing** – Bidder's pricing must be held until contract execution or 60 days, whichever comes first.

4. *Response Form – Submit three complete copies of your Response in a single sealed envelope, clearly marked on the outside, left corner with your company name and return address, the proposal number and the due date and time.*

4.1. Company Name: _____

4.2. Address: _____

4.3. City/Zip: _____

4.4. Phone Number: _____

4.5. Fax Number: _____

4.6. Federal Tax ID: _____

- 4.6.1. () Corporation _____
- () Partnership - Name _____
- () Individual/Proprietorship - Individual Name _____
- () Other (Specify) _____

4.7. **Bid Response** - Bid prices must include any and all labor, parts, and material required to perform the work described in Section 2 of this bid request.

	Description	Unit of Measure	Quantity	Unit Price	Extended Total
4.7.1.	Base Bid 1: Judges Lot				
	Under Drain Construction	Linear Feet	130	\$ _____	\$ _____
	Asphalt Remove and Replace	Square Feet	810	\$ _____	\$ _____
	Crack Seal	Linear Feet	485	\$ _____	\$ _____
	Surface Seal	Square Feet	6,180	\$ _____	\$ _____
	Stripping	Spaces	17	\$ _____	\$ _____
4.7.2.	Base Bid 2: Public Works Lot				
	Crack Seal	Linear Feet	1,270	\$ _____	\$ _____
	Surface Seal	Square Feet	52,600	\$ _____	\$ _____
	Stripping	Spaces	57	\$ _____	\$ _____
	Total Base Bid Cost =				\$ _____
4.7.3.	Alternate 1: Public Works Lot				
	Asphalt Remove and Replace	Square Feet	925	\$ _____	\$ _____
4.7.4.	Alternate 2: Court House Sidewalk				
	Concrete Panel Repair	Lump Sum	1	\$ _____	\$ _____
4.7.4.	Alternate 3: Johnson Building				
	Loading Dock Ramp Repair	Lump Sum	1	\$ _____	\$ _____

Note: Quantities are estimated. Payment will be made on actual in-place quantities.

- 4.8. The undersigned offers to furnish and deliver the articles or services as specified at the prices and terms stated and in strict accordance with the specifications, instructions, and general conditions of bidding which have been read and understood, and all of which are made part of this order.

Authorized Representative (Sign By Hand):

Date:

Type or Print Signed Name:

Company:

- 4.9. Work will begin on the project ten days after receipt of Notice to Proceed.
- 4.10. Work will be completed within 45 days after project commences.
- 4.11. Bidder must provide three references for services rendered to commercial clients that are similar in size and scope of this project. References should be provided in Exhibit A.

EXHIBIT A

PRIOR EXPERIENCE

(References of similar services for governmental agencies are preferred)

1. Prior Services Performed for:

Company Name:

Address:

Contact Name:

Telephone Number:

Date of Contract:

Length of Contract:

Description of Prior Services (include dates):

2. Prior Services Performed for:

Company Name:

Address:

Contact Name:

Telephone Number:

Date of Contract:

Length of Contract:

Description of Prior Services (include dates):

3. Prior Services Performed for:

Company Name:

Address:

Contact Name:

Telephone Number:

Date of Contract:

Length of Contract:

Description of Prior Services (include dates):



Exhibit B
Standard Terms and Conditions

Boone County Purchasing
601 E. Walnut, Room 208
Columbia, MO 65201

Melinda Bobbitt, Director
Phone: 573-886-4391 - FAX 573-886-4390

1. Responses shall include all charges for packing, delivery, installation, etc., (unless otherwise specified) to the Boone County Department identified in the Request for Quotation and/or Proposal.
2. The Boone County Commission has the right to accept or reject any part or parts of all bids, to waive technicalities, and to accept the offer the County Commission considers the most advantageous to the County. Boone County reserves the right to award this bid on an item-by-item basis, or an "all or none" basis, whichever is in the best interest of the County.
3. Bidders must use the bid forms provided for the purpose of submitting bids, must return the quotation and bid sheets comprised in this bid, give the unit price, extended totals, and sign the bid.
4. When products or materials of any particular producer or manufacturer are mentioned in our specifications, such products or materials are intended to be descriptive of type or quality and not restricted to those mentioned.
5. Do not include Federal Excise Tax or Sales and Use Taxes in bid process, as law exempts the County from them.
6. The delivery date shall be stated in definite terms, as it will be taken into consideration in awarding the bid.
7. The County Commission reserves the right to cancel all or any part of orders if delivery is not made or work is not started as guaranteed. In case of delay, the Contractor must notify the Purchasing Department.
8. In case of default by the Contractor, the County of Boone will procure the articles or services from other sources and hold the Bidder responsible for any excess cost occasioned thereby.
9. Failure to deliver as guaranteed shall disqualify Bidder from future bidding.
10. Prices must be as stated in units of quantity specified, and must be firm. Bids qualified by escalator clauses may not be considered unless specified in the bid specifications.
11. No bid transmitted by fax machine will be accepted.
12. The County of Boone, Missouri expressly denies responsibility for, or ownership of any item purchased until same is delivered to the County and is accepted by the County.
13. The County reserves the right to award to one or multiple respondents. The County also reserves the right to not award any item or group of items if the services can be obtained from a state or other governmental entities contract under more favorable terms.

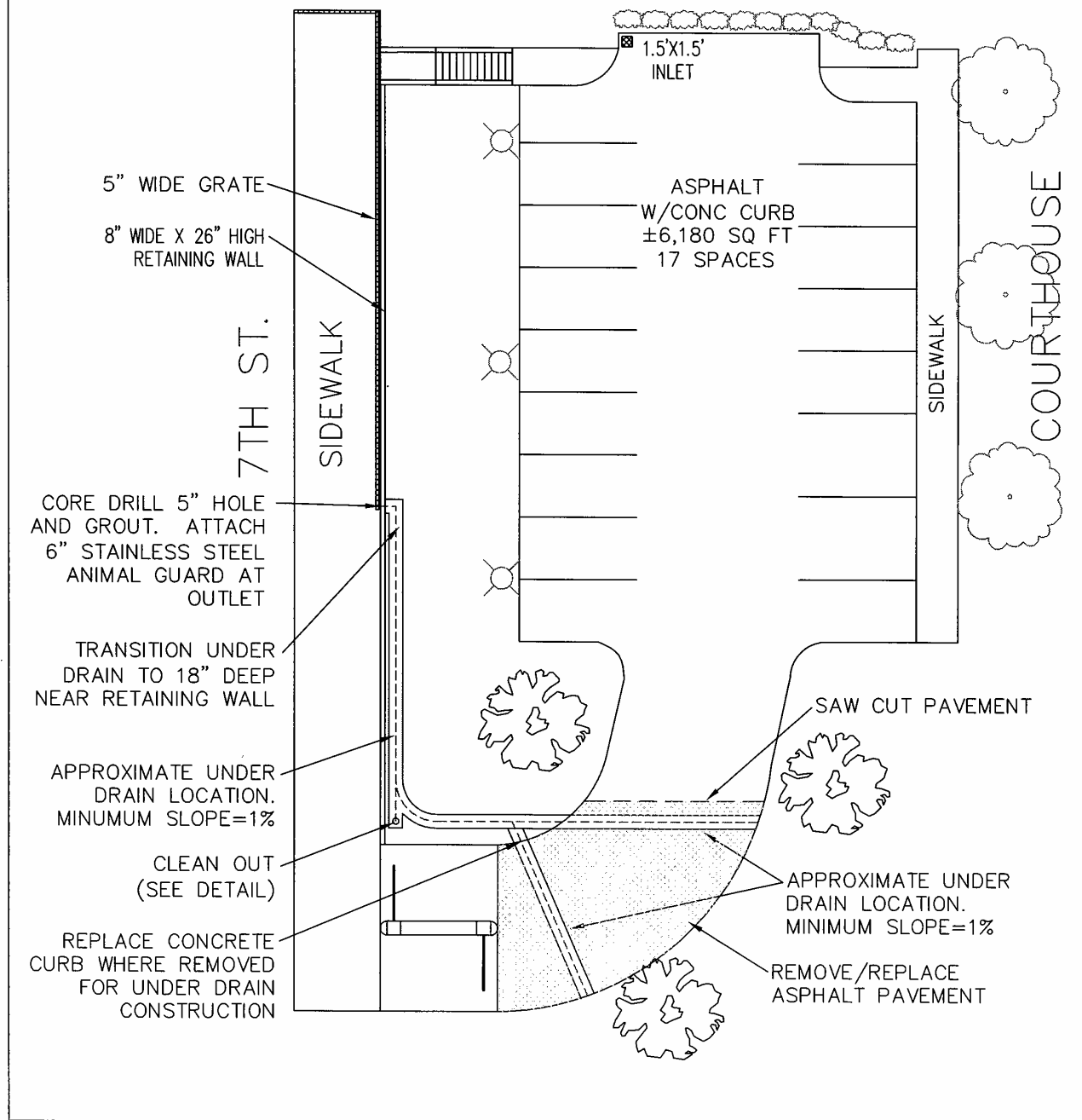
EXHIBIT C - SITE
DRAWINGS

Base Bid 1 Judges Lot

Page 1 of 2

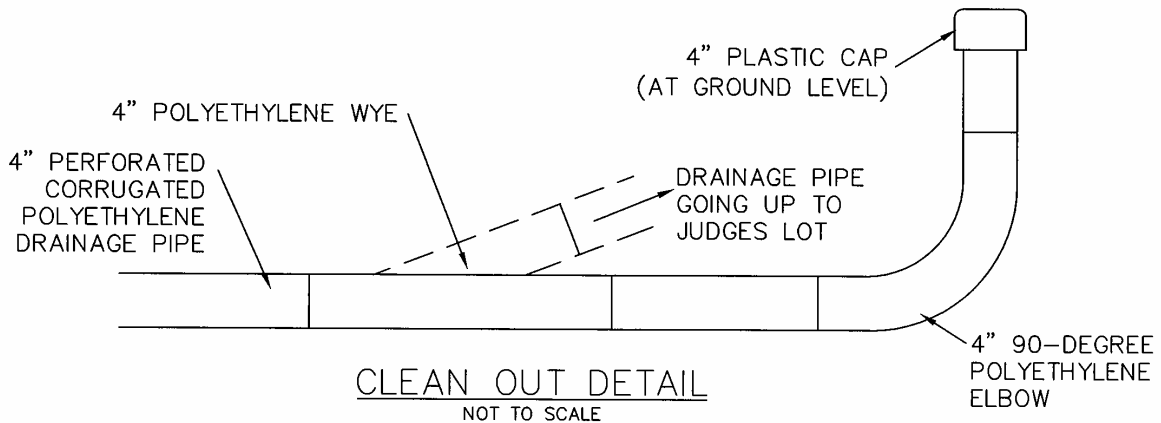
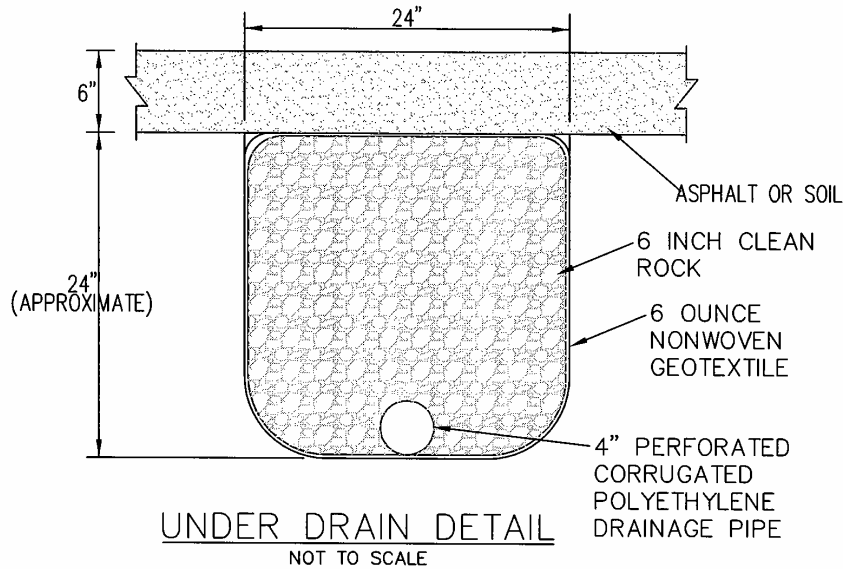


Scale: 1"=20'



Base Bid 1 Judges Lot

Page 2 of 2



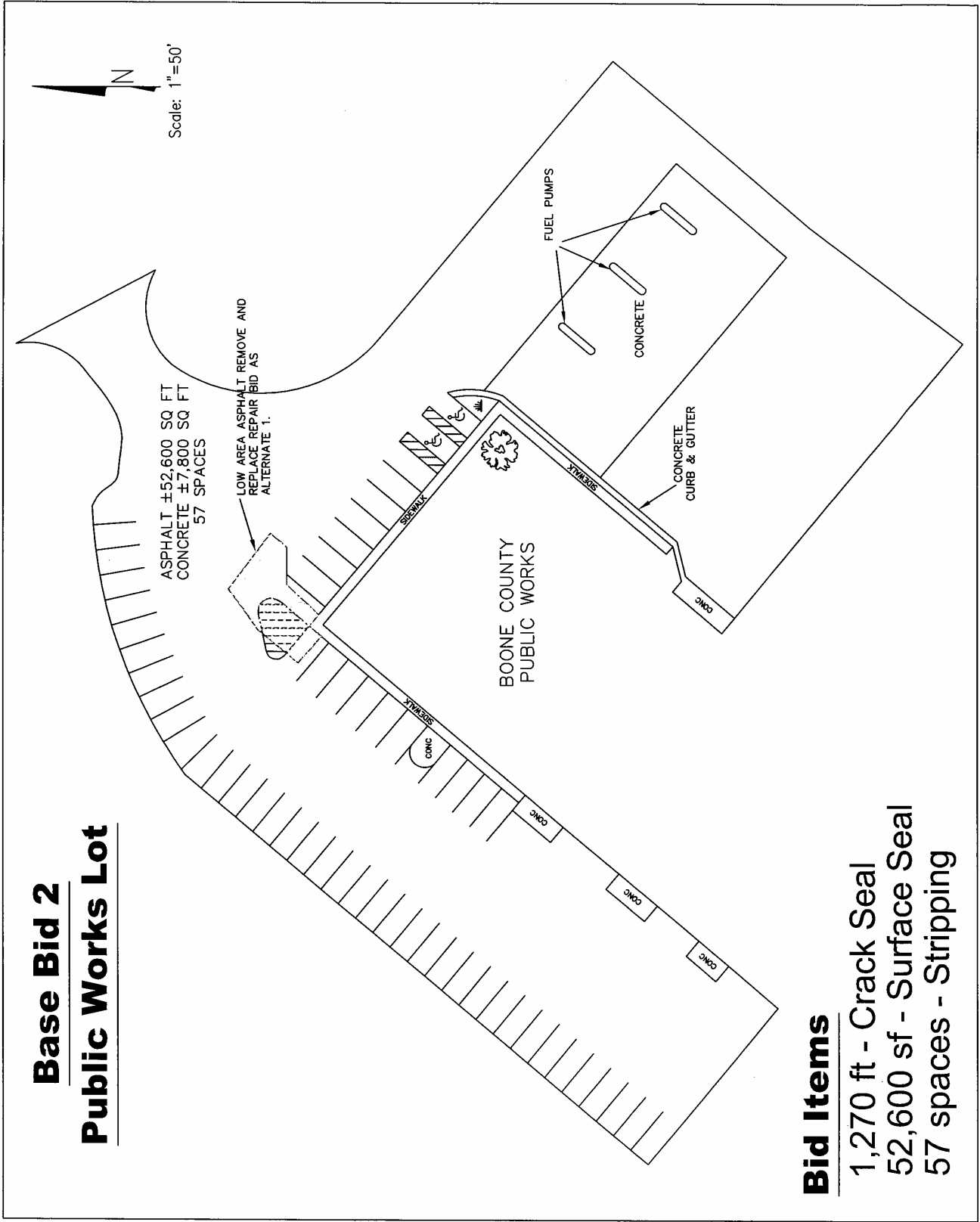
NOTES

1. LOCATION OF UTILITIES NOT SHOWN. CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION.
2. ALL UNPAVED SURFACES DISTURBED BY CONSTRUCTION SHALL BE SEED, FERTILIZED, AND MULCH AS DESIGNATED IN THE SPECIFICATIONS.
3. THE UNDER DRAIN SHALL BE CONSTRUCTED AT A MINIMUM 1 PERCENT SLOPE TO DRAIN TO THE OUTLET.

Bid Items

- 130 ft - Under Drain
- 810 sf - Remove/Replace Asphalt
- 485 ft - Crack Seal
- 6,180 ft - Surface Seal
- 57 spaces - Stripping

Base Bid 2
Public Works Lot



ASPHALT ±52,600 SQ FT
 CONCRETE ±7,800 SQ FT
 57 SPACES

LOW AREA ASPHALT REMOVE AND
 REPLACE REPAIR BID AS
 ALTERNATE 1.

BOONE COUNTY
 PUBLIC WORKS

FUEL PUMPS

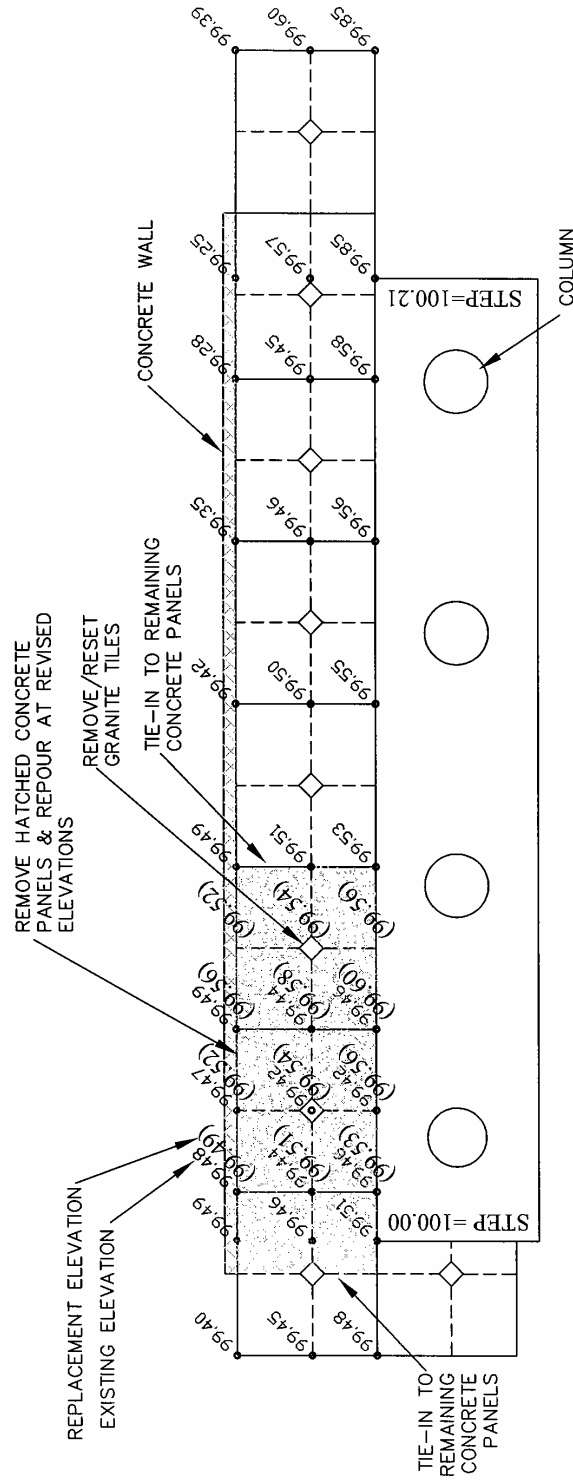
CONCRETE

CONCRETE
 CURB & GUTTER

Bid Items
 1,270 ft - Crack Seal
 52,600 sf - Surface Seal
 57 spaces - Stripping

Alternate 2 Courthouse Sidewalk


 Scale: 1"=10'



Bid Item
 1 lump sum - Concrete Panel Repair

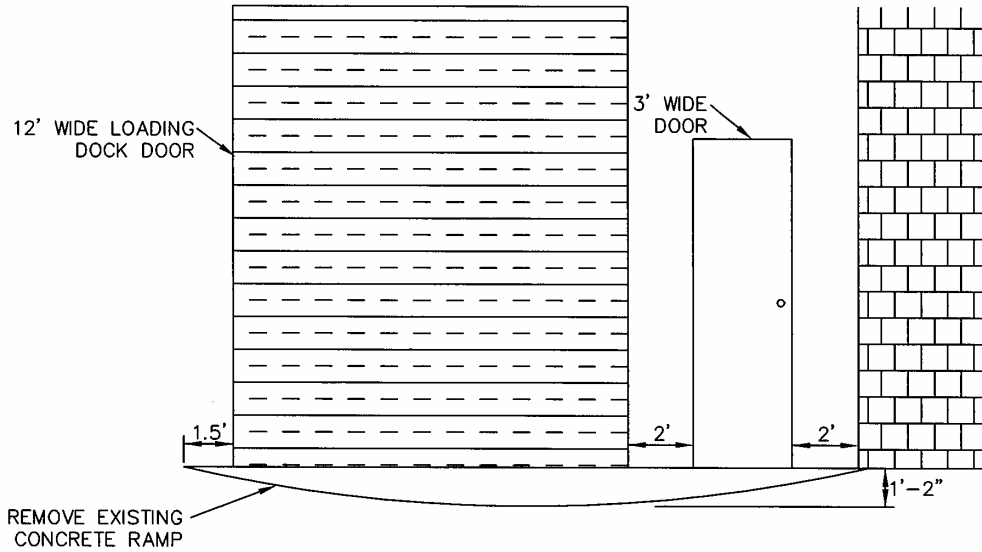
NOTE: IT IS STRONGLY RECOMMENDED THAT THE CONTRACTOR VISIT THE SITE.

Alternate 3 Johnson Building

Page 1 of 2

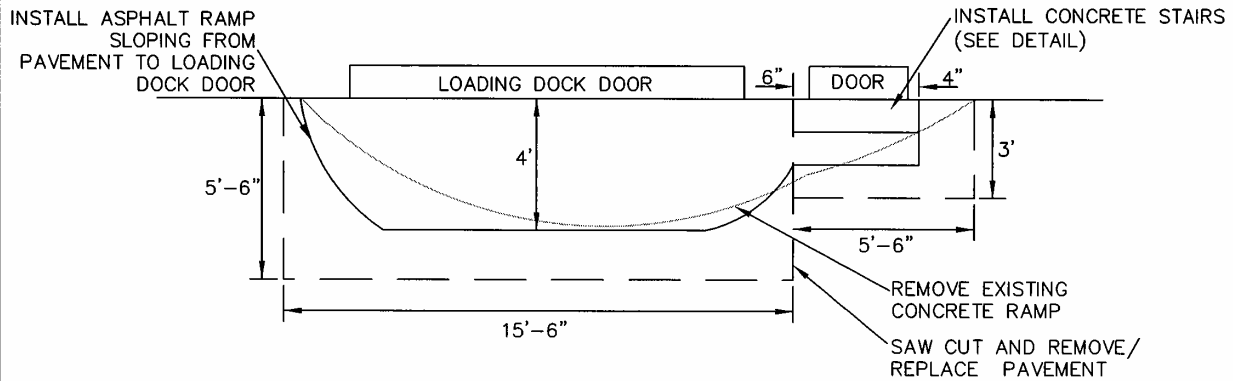
Bid Item

1 lump sum - Loading Dock Ramp Repair



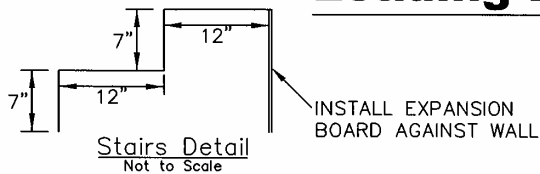
Loading Dock (Front View)

Scale: 1"=5'

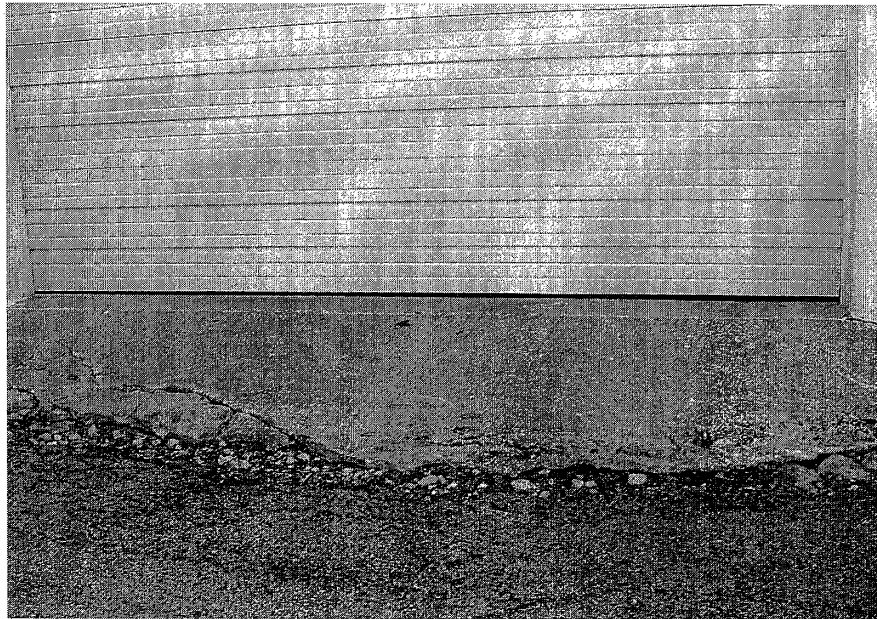


Loading Dock (Plan View)

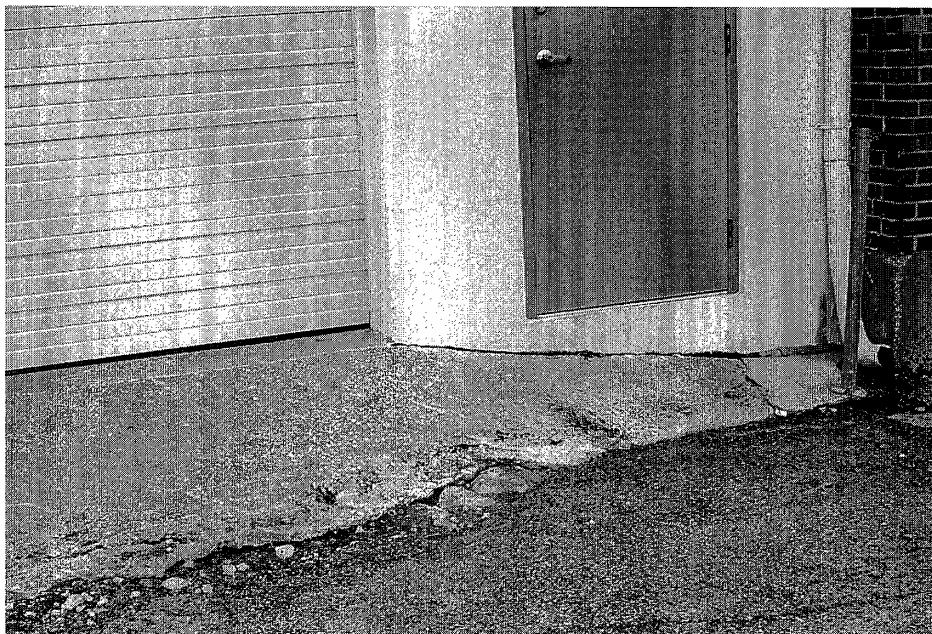
Scale: 1"=5'



Alternate 3
Johnson Building
Page 2 of 2



Photograph 1: Concrete Ramp at Loading Dock Door



Photograph 2: Concrete Loading Ramp at Door

EXHIBIT D - QUIKRETE PRODUCT
SPECIFICATIONS

The QUIKRETE Companies

QUIKRETE®

1. Product Name
QUIKRETE® Concrete Mix #1101

2. Manufacturer
The QUIKRETE Companies
One Securities Centre
3490 Piedmont Rd., NE, Suite 1300
Atlanta, GA 30305
(404) 634-9100
Fax: (404) 634-9568
www.quikrete.com

3. Product Description

BASIC USE
For pouring concrete 2" (51 mm) thick or more and building or repairing anything out of concrete, including:

- Foundation walls and footings
- Sidewalks, curbs, steps, ramps and walkways
- Appliance and equipment platforms
- Pipe and post footings
- Floor slabs and patios
- Pools, fish pools, stepping stones
- Splashblocks and bird baths
- Riprap & slope protection
- Driveway repairs

COMPOSITION & MATERIALS
QUIKRETE Concrete Mix consists of a uniformly blended, properly proportioned mixture of stone, gravel, sand, Portland cement and other ingredients approved for use in concrete.

- SIZES**
- 40 lb (18.1 kg) bags
 - 60 lb (27.2 kg) bags
 - 80 lb (36.2 kg) bags

- YIELD**
- An 80 lb (36.3 kg) bag yields approximately 2/3 cu ft (19 L)
 - A 60 lb (27.2 kg) bag yields approximately 1/2 cu ft (14 L)
 - A 40 lb (18.1 kg) bag yields approximately 1/3 cu ft (9 L)

4. Technical Data

APPLICABLE STANDARDS
ASTM International - ASTM C387 Standard Spe-

cifications for Packaged, Dry, Combined Materials for Mortar and Concrete

PHYSICAL/CHEMICAL PROPERTIES
QUIKRETE Concrete Mix exceeds the compressive strength requirements of ASTM C387, as shown in Table 1.

5. Installation

PREPARATORY WORK
Stake out the planned area and remove sod or soil to the desired depth. Nail and stake forms securely in place. Tamp and compact the subbase until firm.

- MACHINE MIXING INSTRUCTIONS**
QUIKRETE Concrete Mix can be mixed in a barrel-type concrete mixer or a mortar mixer.
- Choose the mixer size most appropriate for the size of the job to be done
 - Allow at least 1 cu ft (28 L) of mixer capacity for each 80 lb (36.3 kg) bag of QUIKRETE Concrete Mix to be mixed at one time
 - For each 80 lb (36.3 kg) bag of QUIKRETE Concrete Mix to be mixed, add approximately 6 pt (2.8 L) of fresh water to the mixer
 - Turn on the mixer and begin adding the concrete to the mixer
 - If the material becomes too difficult to mix, add additional water until a workable mix is obtained
 - If a slump cone is available, adjust water to achieve a 2" - 3" (51 - 76 mm) slump

Note - Final water content should be approximately 6 - 9 pt (2.8 - 4.3 L) of water per 80 lb (36.3 kg) bag of concrete. For other bag sizes, use Table 2 to determine water content.

- HAND MIXING INSTRUCTIONS**
- Empty concrete bags into a suitable mixing container
 - For each 80 lb (36.3 kg) bag of mix, add approximately 6 pt (2.8 L) of clean water
 - Work the mix with a shovel, rake or hoe and

TABLE 1 TYPICAL PROPERTIES OF QUIKRETE CONCRETE MIX¹

Cure time	Compressive strength
7 days	2500 psi (17.7 MPa)
28 days	4000 psi (27.5 MPa)
Slump range	2" - 3" (51 - 76 mm)

¹Laboratory testing is conducted in accordance with ASTM C387.



QUIKRETE® Concrete Mix #1101

- add water as needed until a stiff, moldable consistency is achieved
- Be sure all material is wet
 - Do not leave standing puddles

Note - For other bag sizes, use Table 2 to determine water content.

APPLICATION

- Method for Pouring a Slab
- Dampen the subgrade before concrete is placed
 - Do not leave standing puddles
 - Shovel or place concrete into the form; fill to the full depth of the form
 - After concrete has been compacted and spread to completely fill the forms without air pockets, strike off and float immediately
 - To strike off, use a straight board (screed), moving the edge back and forth with a saw-like motion to smooth the surface
 - Use a darby or bull float to float the surface; this levels any ridges and fills voids left by the straight edge
 - Cut the concrete away from the forms by running an edging tool or trowel along the forms to compact the slab edges
 - Cut 1" (25.4 mm) deep control joints into the slab every 6' - 8' (1.8 - 2.4 m) using a grooving tool

TABLE 2 MIXING WATER FOR QUIKRETE CONCRETE MIX

Package size, lb (kg)	Starting water content, pt (L)	Final water content, pt (L)
80 (36.3)	6 (2.8)	6 - 9 (2.8 - 4.3)
60 (27.2)	4 (1.9)	4 - 7 (1.9 - 3.3)
40 (18.1)	3 (1.4)	3 - 4.5 (1.4 - 2.1)



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The QUIKRETE Companies

- Allow concrete to stiffen slightly, waiting until all water has evaporated from the surface before troweling or applying a broom finish

Note - For best results, do not overwork the material.

Method for Setting Fence Posts

- Dig post hole about 3 times the diameter of the post. Hole depth should be 1/3 the overall post height
- Place 6" (152 mm) of dry concrete mix in the bottom of the hole. Position the post, checking that it is level and plumb. Combine concrete mix with water and place into the hole
- When standing water has evaporated from the concrete, smooth the surface. Taper it away from the post so rain will flow in that direction. Wait 24 hours before post is subjected to any strain
- For load-bearing applications, follow local building codes for proper footing specifications

FINISHING

Any standard concrete finishing technique is acceptable for use with QUIKRETE Concrete Mix. Concrete can be hand troweled, power troweled, broom finished or finished with other specialty finishes.

CURING

General

Curing is one of the most important steps in concrete construction. Proper curing increases the strength and durability of concrete, and a poor curing job can ruin an otherwise well-done project. Proper water content and temperature are essential for good curing. In near freezing temperatures the hydration process slows considerably. When weather is too hot, dry or windy, water is lost by evaporation from the concrete, and hydration stops, resulting in finishing difficulties and cracks. The ideal circumstances for curing are ample moisture and moderate temperature and wind conditions.

Curing should be started as soon as possible and should continue for a period of 5 days in warm weather at 70 degrees F (21 degrees C) or higher or 7 days in colder weather at 50 - 70 degrees F (10 - 21 degrees C).

Specific Curing Methods

- QUIKRETE Acrylic Concrete Cure & Seal provides the easiest and most convenient method of curing. Apply by spray, brush or roller soon after the final finishing operation when the surface is hard. The surface may

be damp, but not wet, when applying curing compound. Complete coverage is essential

- Other methods of providing proper curing include covering the surface with wet burlap; keeping the surface wet with a lawn sprinkler and sealing the concrete surface with plastic sheeting or waterproof paper to prevent moisture loss
- If burlap is used, it should be free of chemicals that could weaken or discolor the concrete. New burlap should be washed before use. Place it when the concrete is hard enough to withstand surface damage and sprinkle it periodically to keep the concrete surface continuously moist
- Water curing with lawn sprinklers, nozzles or soaking hoses must be continuous to prevent interruption of the curing process
- Curing with plastic sheets is convenient. They must be laid flat, thoroughly sealed at joints and anchored carefully along edges

PRECAUTIONS

- Curing compounds should not be applied if rain or temperatures below 50 degrees F (10 degrees C) are expected within 24 hours
- Curing with plastic or burlap can cause patchy discoloration in colored concrete. For colored concrete, wet curing or the use of QUIKRETE Acrylic Concrete Cure & Seal is recommended
- Do not use curing compounds during late fall on surfaces where de-icers will be used to melt ice and snow. Using curing compounds at that time may prevent proper air drying of the concrete, which is necessary to enhance its resistance to damage caused by de-icers
- Protect concrete from freezing during the first 48 hours. Plastic sheeting and insulation blankets should be used if temperatures are expected to fall below 32 degrees F (0 degrees C)

6. Availability

QUIKRETE Concrete Mix is available at leading concrete construction supply houses and distributors. Contact QUIKRETE Construction Products for the name of the nearest dealer.

7. Warranty

The QUIKRETE Companies warrant this product to be of merchantable quality when used or applied in accordance with the instructions herein. The product is not warranted as suitable for any purpose or use other than the general purpose for which it is intended.

Liability under this warranty is limited to the replacement of its product (as purchased) found to be defective, or at the shipping companies' option, to refund the purchase price. In the event of a claim under this warranty, notice must be given to The QUIKRETE Companies in writing. This limited warranty is issued and accepted in lieu of all other express warranties and expressly excludes liability for consequential damages.

8. Maintenance

None required.

9. Technical Services

The QUIKRETE Companies maintain technical field representatives throughout the country. Contact a local distributor for the name and number of the nearest representative or call QUIKRETE Construction Products.

10. Filing Systems

Additional product information is available from the manufacturer.

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