

**BOARD OF PUBLIC WORKS AND SAFETY  
Agenda Request Form**

(Form B-01-2012)

*Organizations and individuals are asked to submit a request form and supporting documents to be placed on the agenda. You will be contacted by the City confirming the date of the meeting in which your request will be heard. Please make sure that your contact information is accurate in case we need to get in touch with you. The Board of Works meets on the 1st and 3rd Monday of each month at 5:00 p.m. in City Hall located at 70 E. Monroe Street.*

<b>Date Submitted:</b>	August 30, 2018	<b>Meeting Date:</b>	September 4, 2018
<b>Contact Information:</b>			
<b>Requested by:</b>	Mark Richards, City Engineer		
<b>On Behalf of Organization or Individual:</b> City of Franklin			
<b>Telephone:</b>	317-736-3631		
<b>Email address:</b>	mrichards@franklin.in.gov		
<b>Mailing Address:</b>	70 E. Monroe Street, Franklin, IN 46131		
<b>Describe Request:</b>			
Request award of contract for 2018 Maintenance Improvement Program; Crack Sealing to Reece Seal Coating, Inc.			
<b>List Supporting Documentation Provided:</b>			
Notice of Award			
Proposed Contract			
<b>Who will present the request?</b>			
<b>Name:</b>	Mark Richards	<b>Telephone:</b>	317-736-3631

*In order for an individual and/or agency to be considered for new business on the Board of Works agenda, this reservation form and supporting documents must be received in the Mayor's office no later than 4:00 p.m. on the Wednesday before the meeting.*

### **Notice of Award**

To: Jay Reece, President  
Reece Seal Coating, Inc.  
1205 W. Troy Ave.  
Indianapolis, Indiana 46225

Date: September 5, 2018

Project Description: The work shall include the sweeping of streets, placement of crack sealant, and all other work necessary for a complete project as included in the Bid Documents and Specifications.

Having reviewed your Bid submitted for the above work it is the intent of the City of Franklin, Indiana to accept your proposal and enter into a contract for the items listed in your bid in the amount of: *One-hundred seven-thousand five-hundred eighty dollars and 50 cents (\$107,580.50).*

As required by the Bid Documents and Specifications you are required to execute the Contract Agreement and furnish the required Performance, Maintenance, and Payment bond within fourteen (14) calendar days from the date of this Notice of Award.

Failure to execute the Contract Agreement and to furnish Performance, Maintenance, and Payment bonds within fourteen (14) calendar days of this Notice of Award the Owner will be entitled to abandon the acceptance of your Bid.

You are required to return an acknowledged copy of this Notice of Award to the Owner.

#### **City of Franklin (Owner)**

By: Mark A. Richards Mark Richards, City Engineer

Date: September 5, 2018

#### **Acceptance of Notice**

Receipt of the above Notice of Award is hereby acknowledged this \_\_\_\_\_ day of \_\_\_\_\_, 2018

By: \_\_\_\_\_

Title: \_\_\_\_\_

**AGREEMENT**  
**BETWEEN**  
**THE CITY OF FRANKLIN**

**AND**  
**Reece Seal Coating, Inc.**

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**FOR**  
**2018 Maintenance Improvement Program; Crack Sealing**

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**THIS AGREEMENT**, executed by and between the City of Franklin, Indiana (hereinafter “CITY”), and **Reece Seal Coating, Inc.** (hereinafter “CONTRACTOR”);

**WITNESSETH THAT:**

WHEREAS, CITY is desirous of retaining CONTRACTOR’S services for Construction of ***2018 Maintenance Improvement Program; Crack Sealing*** (more particularly described in Attachment A, “Scope of Work”); and

WHEREAS, CONTRACTOR is capable of performing all applicable work required of the project as per its bid on the Bid Summary sheet; and

WHEREAS, said bid was determined to be the lowest, responsive, and responsible bid per said Bid Summary Sheet.

NOW, THEREFORE, in consideration of the mutual promises hereinafter enumerated, the parties agree as follows:

**ARTICLE 1. TERM**

**1.01** This Agreement shall be in effect upon execution of this Agreement by all parties.

**ARTICLE 2. SERVICES**

**2.01** CONTRACTOR shall complete all work required under this Agreement by **November 30, 2018**. Substantial Completion shall be considered to be completion of all work.

**2.02** It is hereby understood by both parties that time is of the essence in this Agreement. Failure of CONTRACTOR to complete all work as herein provided will result in monetary damages to CITY. It is hereby agreed that CITY will be damaged for every day the work has not been performed in the manner herein provided and that the measure of those damages shall be determined by reference to the then current INDOT Schedule of Liquidated Damages for Each Day of Overrun in Contract Time. CONTRACTOR agrees to pay CITY said damages or, in the alternative, CITY, at its sole discretion may withhold

monies otherwise due CONTRACTOR. It is expressly understood by the parties hereto that these damages relate to the time of performance and do not limit CITY's other remedies under this Agreement, or as provided by applicable law.

- 2.03** CONTRACTOR agrees that no charges or claims for damages shall be made by it for any delays or hindrances, from any cause whatsoever during the progress of any portion of the services specified in the Agreement. Such delays or hindrances, if any, may be compensated for by an extension of time for reasonable period as may be mutually agreed upon between the parties, it being understood, however, that permitting of CONTRACTOR to proceed to complete any service, or any part of the, after the date to which the time of completion may have been extended, shall in no way operate as a waiver on the part of CITY or any of its rights herein.

### **ARTICLE 3. COMPENSATION**

- 3.01** CONTRACTOR shall provide services as specified in Attachment A, "Scope of Work", attached hereto and incorporated into this Agreement
- 3.02** Upon approval of properly submitted claims, CITY shall compensate CONTRACTOR the total sum of One-hundred seven-thousand five-hundred eighty dollars and 50 cents (\$107,580.50). The approval of the claims shall be at the sole discretion of the CITY to be approved only upon compliance with the terms of this contract. Said approval not to be unreasonably withheld. CITY may withhold payment, in whole or in part to the extent necessary to protect itself from a loss on account of any of the following:
1. Defective work
  2. Evidence indicating the probable filing of claims by other parties against CONTRACTOR which may adversely affect CITY.
  3. Failure of CONTRACTOR to make payments due to subcontractors, material suppliers or employees.
  4. Damage to CITY or a third party
- 3.03** The submission of any request for payment shall be deemed a waiver and release by CONTRACTOR of all liens and claims with respect to the Work and period to which such payment request pertains except as specifically reserved and noted on such request. The payment of the claim shall constitute a waiver and release by Contractor of all liens and claims for payment with respect to the work and period to which payment was submitted
- 3.04** CONTRACTOR shall maintain proper account records for the scope of all services of this Agreement and provide an accounting for all charges and expenditures as may be necessary for audit purposes. All such records shall be subject to inspection and examination by CITY'S representatives at reasonable business hours.
- 3.05** CONTRACTOR shall comply in full with all provisions of IC 5-6-13, including but not limited to IC 5-6-13-7 & 8 and said provisions are incorporated by reference herein as specific requirements of this contract.

## **ARTICLE 4. GENERAL PROVISIONS**

**4.01**     **Indemnification:** The Work performed by the Contractor shall be at the risk of that Contractor exclusively. To the fullest extent permitted by law, Contractor shall indemnify, defend (at their sole expense) and hold harmless the City of Franklin and their employees (“Indemnified Parties”), from and against any and all claims for bodily injury, death or damage to property, demands, damages, actions, causes of action, suits, losses, judgments, obligations and any liabilities, costs and expenses (including but not limited to investigative and repair costs, attorneys’ fees and costs, and consultants’ fees and costs) (“Claims”) which arise or are in any way connected with the Work performed, materials furnished, or Services provided under this Agreement by the Contractor or its agents. These indemnity and defense obligations shall apply to any acts or omissions, negligent or willful misconduct of the Contractor, its employees or agents, whether active or passive. The Contractor’s indemnification and defense obligations hereunder shall extend to Claims occurring after this Agreement is terminated as well as while it is in force, and shall continue until it is finally adjudicated.

### **4.02**     **Abandonment, Default, and Termination**

**4.02.01**     CITY shall have the right to abandon the work contracted for in this Agreement without penalty. If CITY abandons the work described herein, CONTRACTOR shall deliver to CITY all surveys notes, drawings, specifications and estimates completed or partially completed and these shall become the property of CITY. The earned value of the work performed shall be based upon an estimate of the proportion between the work performed by CONTRACTOR under this Agreement and the work which CONTRACTOR was obligated to perform under this Agreement. This proportion shall be mutually agreed upon by CITY and CONTRACTOR. The payment as made to CONTRACTOR shall be paid as a final payment in full settlement of his services hereunder.

**4.02.02**     If CONTRACTOR defaults or fails to fulfill in a timely and proper manner the obligations pursuant to this Agreement, CITY may, after seven (7) days written notice to has been delivered to CONTRACTOR, and without prejudice to any other remedy it may have, make good such deficiencies and may deduct the cost thereof from the payment then or thereafter due to CONTRACTOR. In the alternative, CITY, at its option, may terminate this Agreement and take possession of the site and of all materials, equipment, tools and construction equipment and machinery thereon owned by CONTRACTOR, and may finish the project by whatever method it may deem expedient, and if the such action exceeds the unpaid balance of the sum amount, CONTRACTOR or his surety, shall pay the difference to CITY.

**4.02.03**     Default: If CONTRACTOR breaches this Agreement or fails to perform the work in an acceptable manner, he shall be considered in default. Any one or more of the following will be considered a default:

1. Failure to begin work under this Agreement within the time specified.

2. Failure to perform the work with sufficient supervision, workmen, equipment, and materials to insure prompt completion of said work.
3. Unsuitable performance of the work as determined by the City Engineer and his/her representative.
4. Neglecting or refusing to remove defective materials or failure to perform anew such work as shall have been rejected.
5. Discontinuing the prosecution of the work or any part of it.
6. Inability to finance the work adequately
7. If, for any other reason, CONTRACTOR breaches this Agreement or fails to carry on the work in an acceptable manner.
8. Failure to comply with applicable federal or state laws and regulations or local ordinances.

4.02.04

CITY shall send CONTRACTOR a written notice of default. If CONTRACTOR, or his Surety, within a period of (10) days after such notice, fails to remedy the default, then CITY shall have full power and authority, without violation of the Agreement, to take the prosecution of the work out of the hands of said CONTRACTOR, to appropriate or use any or all materials and equipment on the ground as may be suitable and acceptable, and may at his option, turn the work over to the Surety, or enter into an agreement with another Contractor for the completion of the Contract according to the terms and provisions thereof, or CITY may use such other methods as, in its opinion, shall be required for the completion of said Contract in an acceptable manner. In the event of emergencies, CITY may take steps to mitigate its damages without said steps being considered a breach of contract by the CITY.

4.02.05

All cost of completing the work under the Contract shall be deducted from the monies due or which may become due said CONTRACTOR. In case the expenses so incurred by CITY shall be less than the sum which would have been payable under the Contract if it had been completed by said CONTRACTOR, CONTRACTOR shall be entitled to receive the difference. However, in case such expense shall exceed the sum which would have been payable under the Contract, CONTRACTOR and its Surety will be liable and shall pay to CITY the amount of said excess. By taking over the prosecution of the work, CITY does not forfeit the right to recover damages from CONTRACTOR or his Surety for his failure to complete the work in the time specified.

4.02.06

Notwithstanding any other provision of this Agreement, if funds for the continued fulfillment of the Agreement by CITY are at any time not forthcoming or are insufficient, through failure of any entity to appropriate the funds or otherwise, then CITY shall have the right to terminate this Agreement without penalty by giving prior written notice documenting the lack of funding in which instance unless otherwise agreed to by the parties, this Agreement shall terminate and become null and void on the last day of the fiscal period for which appropriation were received.

4.02.07 CITY agrees that it will make its best effort to obtain sufficient funds, including but not limited to, including in its budget for each fiscal period during the term hereof a request for sufficient funds to meet its obligations hereunder in full.

#### **4.03 Successors and Assigns**

4.03.01 Both parties agree that for the purpose of this Agreement, CONTRACTOR shall be an Independent Contractor and not an employee of CITY.

4.03.02 No portion of this Agreement shall be sublet, assigned or otherwise disposed of by CONTRACTOR except with the written consent of the CITY being first obtained. Consent to sublet, assign, or otherwise dispose of any portion of this Agreement shall not be construed to relieve CONTRACTOR of any responsibility of the fulfillment of this Agreement.

4.03.03 CONTRACTOR shall comply in all regards with IC 5-6-13-9 through 12 relating to CONTRACTOR tiers.

#### **4.04 Extent of Agreement: Integration**

4.04.01 This Agreement consists of the following parts, each of which is as fully a part of this Agreement as if set out herein:

1. This Agreement
2. Technical Specifications
3. Where applicable, Bid Prices
4. Upfront Specifications
5. Information for Bidders
6. Advertisement
7. CONTRACTOR'S submittals
8. The current construction design standards and specifications for the City of Franklin
9. The current Indiana Department of Transportation Standard Specifications and the latest addendums.
10. The current construction specifications and details for Indiana American Water Company for water mains
11. All plans as provided for the work that is to be completed.
12. Affidavit of Compliance with applicable law.
13. Certification that CONTRACTOR is a properly certified contractor approved by INDOT or INDOA.

4.04.02 In resolving conflicts, errors, discrepancies and disputes concerning the Scope of Work to be performed by CONTRACTOR, and other rights and obligations of CITY and CONTRACTOR, the document expressing the greater quantity, quality or other scope of work in question, or imposing the greater obligation upon CONTRACTOR and affording the greater right or remedy to CITY shall govern;

otherwise the documents shall be given precedence in the order as enumerated above.

#### **4.05 Insurance**

4.05.01 CONTRACTOR shall, as a prerequisite to this Agreement, purchase and thereafter maintain such insurance as will protect it from the claims set forth below which may arise out of or result from CONTRACTOR'S operations under this Agreement, whether such operations be by CONTRACTOR or by any SUBCONTRACTORS or by anyone directly or indirectly employed by any or all of them, or by anyone for whose acts any of them maybe liable.

<u>Coverage</u>	<u>Limits</u>
A. Workmen's Compensation & Disability	Statutory Requirements
B. Employer's Liability Bodily Injury by Accident	\$500,000 each accident
Bodily Injury by Disease	\$500,000 policy limit
Bodily Injury by Disease	\$500,000 each employee
C. Commercial General Liability (Occurrence Basis)	\$1,000,000
Bodily Injury, personal injury, property damage, Contractual liability, products-completed operations	
General Aggregate Limit (other than Products/ Completed Operations)	\$2,000,000
Products/Completed Operations Aggregate	\$2,000,000
Personal & Advertising Injury Limit	\$1,000,000
Each Occurrence	\$1,000,000
Fire Damage (any one fire)	\$50,000
Medical Expense Limit (any one person)	\$5,000
D. Comprehensive Auto Liability (single limit, owned, Hired, and non-owned)	\$1,000,000 each accident
Bodily injury and property damage	\$1,000,000
Umbrella Excess Liability	\$2,000,000 each occurrence and
The Deductible on the Umbrella Liability	Shall not be more than \$10,000



4.05.02 CONTRACTOR'S comprehensive general liability insurance shall also provide coverage for the following:

1. Premises and operations;
2. Contractual liability as applicable to any hold harmless agreements
3. Completed operations and products; which also must be maintained for a minimum period of two years after final payment and CONTRACTOR shall continue to provide evidence of such coverage to CITY on an annual basis during the aforementioned period; and
4. Broad form property damage – including completed operations;
5. Fellow employee claims under Personal Injury
6. Independent Contractors.

4.05.03 With the prior written approval of CITY, CONTRACTOR may substitute different types or amounts of coverage for those specified as long as the total amount of required protection is not reduced.

4.05.04 Certificates of Insurance, naming the City of Franklin as an "additional insured", showing such coverage then in force (but not less than the amount shown above) shall be on file with CITY prior to commencement of work. These Certificates shall contain a provision that coverage afforded under the policies will not be canceled or non-renewed until at least thirty (30) days prior written notice has been received by CITY.

**4.06** **Necessary Documentation** CONTRACTOR certifies that it will furnish CITY any and all documentation, certification, authorization, license, permit or registration required by the laws or rules and regulations of the City of Franklin, the State of Indiana and the United States. CONTRACTOR further certifies that it is now and will maintain in good standing with such governmental agencies and that it will keep its license, permit registration, authorization or certification in force during the term of this Agreement. This provision includes but is not limited to the requirement that CONTRACTOR is a properly qualified and certified contractor through INDOT or IDOA as required by law.

**4.07** **Applicable Laws** CONTRACTOR agrees to comply with all federal, state, and local laws, rules and regulations applicable to CONTRACTOR in performing work pursuant to this Agreement, including, but not limited to, discrimination in employment, IC 5-16-13; IC 22-5-1.7-11; IC 36-1-12-24, conflicts of interest, public notice, accounting records and requirements. Unless otherwise specified, this Agreement shall be governed by the laws of the United States, and the State of Indiana, and by all Municipal Ordinances and Codes of the City of Franklin.

**4.08** **Non-Discrimination**

4.08.01 CONTRACTOR and subcontractors shall not discriminate against any employee or applicant for employment, to be employed in the performance of this Agreement, with respect to hire, tenure, terms, training, conditions or privileges of employment, because of race, sex, color, religion, national origin, ancestry,

age, handicap, or disabled veteran status. Breach of this covenant may be regarded as a material breach of the Agreement.

4.08.02

CONTRACTOR certifies for itself and all its subcontractors compliance with existing laws of the State of Indiana and the United States regarding:

1. Prohibition of discrimination in employment practices on the basis of race, sex, color, religion, national origin, ancestry, age, handicap, or any other legally protected classification; strongly encourages the use of project site local small businesses, minority-owned business, and women-owned business in its operations.

4.08.03

Further, pursuant to IC 5-16-6-1, Contractor Agrees:

1. That in the hiring of employees for the performance of work under this Agreement or any subagreement hereunder, no contractor, or subcontractor, nor any person acting on behalf of such CONTRACTOR or subcontractor, shall by reason of race, sex, color, religion, national origin, ancestry, or any other legally protected classification, discriminate against any citizen of the State of Indiana who is qualified and available to perform the work to which the employment relates.
2. That no contractor, subcontractor, or any person on their behalf, shall, in any manner, discriminate against or intimidate any employee hired for performance of work under this Agreement on account of race, religion, color, sex, national origin, ancestry, handicapped, or any other legally protected classification.
3. That there may be deducted from the amount payable to CONTRACTOR, by CITY, under this Agreement, penalty of Five Dollars (\$5.00) for each person for each calendar day during which such person was discriminated against or intimidated in violation of the provisions of this Agreement. Any such person discriminated against retains the right to file a discrimination complaint with the appropriate civil rights agency or court.
4. That this Agreement may be canceled or terminated by CITY and all money due or to become hereunder may be forfeited, for a second or any subsequent violations of the terms or conditions under this section of the Agreement.

**4.09 Workmanship and Quality of Materials:**

4.09.01

CONTRACTOR shall guarantee the work for a period of one (1) year(s) from the date of substantial completion. Failure of any portion of the work within one (1) year(s) due to improper construction, materials of construction, or design may result in a refund to CITY of the purchase price of that portion which failed or may result in the forfeiture of CONTRACTOR'S Performance Bond.

4.09.02

OR EQUAL. Wherever in any of the Contract Documents an article, material or equipment is defined by using the name of a manufacturer or vender, the term

"Or Equal" or the term "The Equivalent" is done for the express purpose of establishing a basis of durability and efficiency and not for the purpose of limiting completion. Whenever material or equipment is submitted for approval as being equal to that specified, the submittal shall include sufficient information and data to demonstrate that the material or equipment conforms to the Contract requirements. The decision as to whether or not such material or equipment is equal to that specified shall be made by the city of Franklin Engineer or his/her representative. The approval by the ADMINISTRATOR of alternate material or equipment as being equivalent to that specified, shall not in any way relieve CONTRACTOR of responsibility for failure of the material or equipment due to faulty design, material, or workmanship, to perform the function required by the Contract Documents.

4.09.03 CITY shall be the sole judge of the sufficiency of workmanship and quality of materials. Disputes shall be resolved by the City of Franklin Engineer and are not subject to arbitration.

**4.10** **Safety** CONTRACTOR shall be responsible for the safety of employees at all times and shall provide all equipment necessary to insure their safety. CONTRACTOR shall ensure the enforcement of all applicable safety rules, regulations, ordinances and laws, whether federal, state or local.

**4.11** **Amendments/Changes**

4.11.01 Except as provided in Paragraph 4.11.02, this Agreement may be amended only by written instrument signed by both CITY and CONTRACTOR.

4.11.02 Without invalidating the Agreement and without notice to any surety, CITY may at any time or from time to time, order, in writing, additions, deletions or revisions in the Work. Upon receipt of any such document, CONTRACTOR shall promptly proceed with the Work involved which will be performed under the applicable conditions of the Contract Documents.

4.11.03 If CONTRACTOR believes that any direction of CITY under paragraph 4.11.02, or any other event or condition, will result in an increase in the Contract time or price, [No claim for any adjustment of the Contract time or price will be valid if not submitted in accordance with this Paragraph] Contractor shall immediately file written notice with the City after the event giving rise to the claim and stating the general nature of the claim with supporting data. Any adjustments increasing the Contract price or time shall be agreed upon in writing.

4.11.04 CONTRACTOR shall carry on the Work and adhere to the progress schedule during all disputes or disagreements with CITY. No work shall be delayed or postponed pending resolution of any dispute or disagreement except as CONTRACTOR and CITY may otherwise agree in writing.

**4.12**      **Bond/Surety** CONTRACTOR shall provide CITY with a Performance Bond and Payment Bond in the amount of one hundred percent (100%) of the contract amount.

**4.12.01**              Failure by CONTRACTOR to perform the work in a timely or satisfactory fashion may result in forfeiture of CONTRACTOR'S Performance Bond.

**4.12.02**              If the surety on any bond furnished by CONTRACTOR becomes a party to supervision, liquidation, rehabilitation action pursuant I.C. 27-9 et seq. or its right to do business in the State of Indiana is terminated, CONTRACTOR shall, within thirty days thereafter, substitute another bond and surety, both of which must be acceptable to CITY.

**4.13**              **Payment of Subcontractors** As required by law, CONTRACTOR shall pay all subcontractors, laborers, material suppliers and those performing services to CONTRACTOR on the project under this Agreement. CITY may, as a condition precedent to any payment hereunder, require CONTRACTOR to submit satisfactory evidence of payments of any and all claims of subcontractors, laborers, material suppliers, and those furnishing services to CONTRACTOR. Upon receipt of a lawful claim, CITY shall withhold money due to CONTRACTOR in a sufficient amount to pay the subcontractors, laborer, material suppliers, and those furnishing services to CONTRACTOR.

**4.14**              **Remedies** Should Contractor fail to perform its obligations under the terms of this agreement, Contractor agrees that in addition to all other remedies available, Franklin shall be entitled to recover from Contractor the City of Franklin's costs and expenses, including reasonable attorney fees incurred in enforcing this agreement.

**4.15**              **Written Notice** Written notice shall be considered as served when delivered in person or sent by mail to the individual, firm, or corporation, or to the last business address of such known to CONTRACTOR who serves the Notice. Notice shall be sent as follows:

**TO CITY**

Name: Mark A. Richards, P.E.

Title: City Engineer

Address: 70 E. Monroe Street

City/State/Zip: Franklin, IN 46131

**TO CONTRACTOR**

Company Name: Reece Seal Coating, Inc.

Name: Jay Reece, President

Address: 1205 W. Troy Ave.

City/State/Zip: Indianapolis, Indiana 46225

**4.16**      **Severability and Waiver** In the event that any clause or provision of this Agreement is held to be invalid by any court of competent jurisdiction, the invalidity of such clause or provision shall not affect any other provision of this Agreement. Failure of either party to insist on strict compliance with the provision of this Agreement shall not constitute waiver of that party's right to demand later compliance with the same or other provisions of this Agreement.

**4.17**      **Notice to Proceed** CONTRACTOR shall not begin the work pursuant to the "Scope of Work" of this Agreement until it receives an official written Notice to Proceed from the City. Contractor shall start active and continuous work on the contract within seven (7) calendar days after the date of the Notice to Proceed. In no case shall work begin prior to the date of the Notice to Proceed. If a delayed starting date is indicated in the proposal, the seven (7) calendar day limitation will be waived. Work day charges will then begin on a date mutually agreed upon, but not later than the delayed starting date specified. In the event that any contract is canceled after an award has been made but prior to the issuing of the Notice to Proceed, no reimbursement will be made for any expenses accrued relative to this contract during that period.

**4.18**      **Steel Product**

**4.18.01**      To comply with Indiana Code 5-16-8, affecting all contracts for the construction, reconstruction, alteration, repair, improvement or maintenance of public works, the following provision shall be added: If steel products are to be utilized or supplied in the performance of any contract or subcontractor, only domestic steel products shall be used. Should CITY feel that the cost of domestic steel is unreasonable, CITY will notify CONTRACTOR in writing of this fact.

**4.18.02**      Domestic Steel products are defined as follows:  
"Products rolled, formed, shaped, drawn extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two (2) or more of such operations, from steel made in the United States by open hearth, basic oxygen, electric furnace, bessemer or other steel making process."

**4.18.03**      The United States is defined to include all territory subject to the jurisdiction of the United States.

**4.18.04**      CITY may not authorize or make any payment to CONTRACTOR unless CITY is satisfied that CONTRACTOR has fully complied with this provision.

**4.19**      **Iranian Investments:** The undersigned, both individually and on behalf of the contracting entity certify pursuant to IC 5-22-16.5 that they/it is not engaged in any investment activities in Iran as said investment activity is prohibited by law.

**4.20**      **Drug Testing:** CONTRACTOR agrees on behalf of contractor, subcontractors and all tier contractors, to comply in full with the provisions of IC 36-1-12-24 requiring mandatory drug tests for employees when the cost of any public works project is greater than \$150,000.00.

**WHEREFORE** the parties as represented by the signature below agree to all terms set forth within this contract and acknowledge receipt, review, and agreement to the provisions contained herein.

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**“CONTRACTOR”**

*Reece Seal Coating, Inc.*

By: \_\_\_\_\_

Signature

Name: *Jay Reece, President*

Address: *1205 W. Troy Ave.*

*Indianapolis, Indiana 46225*

\_\_\_\_\_

Attest:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

**“FRANKLIN”**  
**City of Franklin**

**INTRODUCED & APPROVED** by the Board of Public Works and Safety of the City of Franklin, Johnson County, Indiana this 4th day of September, 2018.

City of Franklin, Indiana, By its Board of Public Works and Safety

Voting Affirmative

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Mayor Steve Barnett

---

Robert Swinehamer

---

Melissa Jones

Attest:

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Jayne Rhoades, Clerk Treasurer

Prepared by: Lynnette Gray  
Attorney No. 11567-41



Attachment A

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Scope of Work

## **Bid Specifications**

### **A. Governing Documents**

The applicable of the following documents shall apply except as specifically noted herein:

- i. Indiana Department of Transportation (INDOT) Standard Drawings and Standard Specifications
- ii. INDOT Supplemental Specifications
- iii. City of Franklin Engineering Department Standards
- iv. City of Franklin DPW Standards

Unless otherwise specified within the Bid Documents, whenever any specification, standard, reference material, manual or other similar document is incorporated by reference into any of the contract documents, it shall be deemed to be the latest edition of said item including any and all supplemental addendum, which was in effect on the date of the bid opening for this project.

### **B. Material Submittals**

For each product specified the contractor shall include technical data and tested physical performance properties. In addition firms and persons shall demonstrate their capabilities and experience to do work by including lists of completed projects that include project names, addresses, names and address of engineers and owners, and other pertinent information.

The contractor shall submit material test reports that indicate compliance of materials with indicated requirements.

The contractor shall supply a certificate, signed by manufacturers, certifying that each material complies with the indicated requirements.

### **C. Completion Dates and Liquidated Damages**

The contractor shall complete all work under this contract before November 30, 2018.

The failure to meet the final completion date, as defined herein shall result in liquidated damages according to the current INDOT Schedule of Liquidated Damages for Each Day of Overrun in Contract Time.

### **D. Holidays When Work is Not Permitted**

The contractor may not perform work on the following days:

- i. Sundays (unless otherwise approved by the City Engineer)
- ii. New Year's Day
- iii. Memorial Day
- iv. Independence Day
- v. Labor Day
- vi. Thanksgiving Day
- vii. Christmas Day

E. Work Schedule Submittal

The contractor shall provide a critical path work schedule for the entire project. This schedule shall be submitted to and approved by the City of Franklin prior to the start of construction and shall be updated as necessary. No work will be allowed until this schedule is submitted and approved; however, the contractor will not be granted any time extension due to this delay.

F. Construction Work Hours

The contractor shall perform all construction activities between the hours of 7:00 am and 7:00 pm unless receiving prior approval from the City.

G. Limitations of Operations

When in the judgment of the City, the Contractor has obstructed or closed a portion of the work larger than necessary for proper construction, or is carrying on operations to the prejudice of the work already started, the City may require the contractor to finish that portion of the work which is in progress before any additional portions are started. No loads of material for any construction shall be dispatched from vehicles or plants so late in the day that it cannot be placed, finished and protected to the specifications, or within the hours, set forth in these Bid Documents and Specifications.

H. Maintaining Traffic

Unless otherwise directed, or permitted, the work specified shall be arranged and prosecuted in accordance with Indiana MUTCD Figure 6H-17 (see MOT Detail).

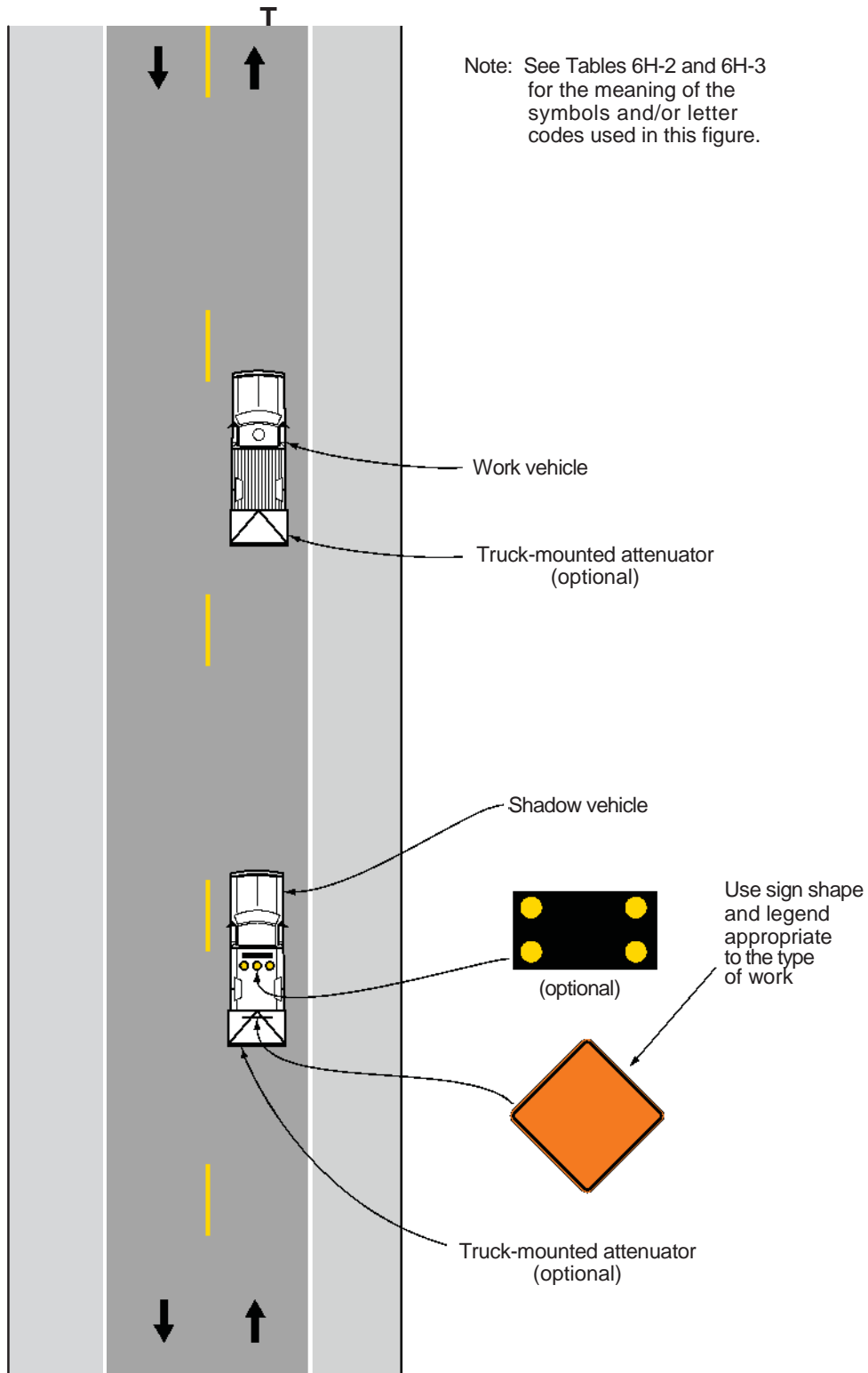
The names and telephone numbers of the Contractor's superintendent and one other responsible employee shall be furnished at the pre-construction conference. These employees shall be on call and available at nights, weekends, or during other non-working periods to repair or replace all traffic control devices, which may become damaged or inoperative.

The Contractor shall coordinate with the City on all matters related to the road restrictions.

The contractor shall be prepared to have all construction signs erected for the project as specified by the City.

All temporary traffic control devices not listed separately or adjustments, labor, materials, etc., necessary for the maintenance of traffic as called for within the Bid Documents and Specifications, or as permitted by the City shall be included in the lump sum price for Maintenance of Traffic, as set out in the itemized proposal.

**Figure 6H-17. Mobile Operations on a Two-Lane Road (TA-17)**



**Notes for Figure 6H-17AY—Typical Application 17AY**  
**Mobile Operation on a Two-Lane Road Using Flaggers**

**Option:**

1. The ROAD WORK AHEAD signs may be omitted for short-duration operations.
2. Flashing warning lights and/or flags may be used to call attention to the advance warning signs. A BE PREPAFRED TO STOP sign may be added to the sign series.

**Guidance:**

3. *The buffer space should be extended so that the flagger is placed before a horizontal (or crest vertical) curve to provide adequate sight distance for the flagger and a queue of stopped vehicles.*

**Standard:**

4. **At night flagger stations shall be illuminated, except in emergencies.**
5. **The distance between the leading signs shall not exceed 2 miles.**

**Guidance:**

6. *Where used, the BE PREPAFRED TO STOP sign should be located between the Flagger sign and the ONE LANE ROAD sign.*
7. *Where a grade crossing exists within or upstream of the transition area and it is anticipated that queues resulting from the lane closure might extend through the grade crossing the TTC zone should be extended so that the transition area precedes the grade crossings.*
8. *When a grade crossing equipped with active warning devices exists within the activity area, provisions should be made for keeping flaggers informed as to the activation status of these warning devices.*
9. *When a grade crossing exists within the activity area, drivers operating on the left-hand side of the normal centerline should be provided with comparable warning devices as for drivers operating on the right-hand side of the normal centerline.*
10. *Early coordination with the railroad company or light rail transit agency should occur before work starts.*

**Option:**

11. A flagger or a uniformed law enforcement officer may be used at the grade crossing to minimize the probability that vehicles are stopped within 15 ft of the grade crossing, measured from both sides of the outside rails.

I. Road Closure Notification

The Contractor is to obtain the permission of the City for any full road closures. Access to any residential buildings, commercial/private businesses, and the like shall be maintained throughout any full road closures.

J. Undistributed Items

Quantities of undistributed items needed in addition to those shown on the itemized proposal and approved by the City will be paid for at the contract unit price for the quantity used on the project. There shall be no adjustment in the contract unit price if quantities are less than those shown on the itemized proposal and the item can be deleted entirely without impact to the contract amount. All work involving undistributed items shall be performed only at the direction of the City.

K. Material Acceptance

All aggregate, concrete, bricks and bituminous materials, as well as geotextiles, paving fabrics, Glasgrid, or the like used for the project shall be produced from an approved source and meet the standards outlined in the Technical Specifications Section of these Bid Documents. The Contractor shall submit the names and addresses of the suppliers of these materials for the project to the City at the pre-construction conference. Prior to delivery, the Contractor shall submit to the City a copy of the certification for each material supplier.

L. Final Cleanup

The Contractor shall clean up all areas, including inlets, storm pipes, and streets, within the project areas as well as areas disturbed outside of the project areas at the completion of the project. This work shall be done to the satisfaction of the City. Any areas disturbed outside of the project areas shall be restored at no cost to this project.

M. Measured Quantities

The Contractor shall coordinate with the City Engineer on all measured quantities as the project proceeds and all items shall be agreed to prior to submittal for payment.

N. Monthly Payment

The Bidder may submit monthly payment requests in a method acceptable to the City. At a minimum monthly payment requests should show the bid item used, quantity of said bid item used, and the price for each bid item.

O. Final Payment

Final payment shall be made once all work has been completed to the satisfaction of the City.

## **Technical Specifications**

### **A. Pavement Joint/Crack Sealing or Filling**

The Contractor is to provide crack sealant or crack filler where delineated according to the materials, workmanship, and applicable requirements outlined in these Bid Documents and Specifications, INDOT Standard Specification Section 408, and the City of Franklin. All crack and joints, including interface between asphalt and concrete curb, drives, and the like shall be sealed or filled in accordance with these Bid Documents and Specifications.

Sealant is to be Crafc0, Inc. Roadsaver 221 Sealant, or approved equal.

Sealant Debonding Material is to be Crafc0, Inc. Detack, or approved equal.

Filler Debonding material is to be INDOT No. 23 or No. 24 sand, or approved equal. Application of the filler debonding material shall be approximately 5 lb/sys.

The Contractor shall meet the following qualifications; be an experienced installer who as completed asphalt crack sealing or filling projects similar in material, design, and extent to that indicated of this project and with a record of successful in-service performance.

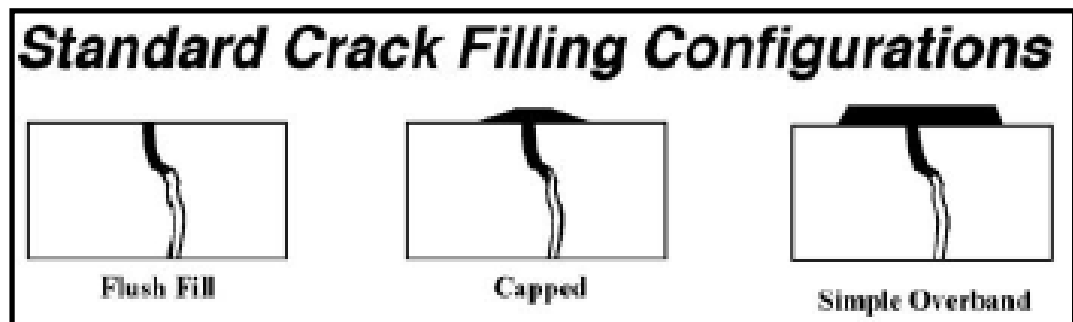
The Manufacturer shall meet the following qualifications; be an experienced manufacturer of asphalt crack sealant or crack filler as specified for this project or as approved as an equal product by the City prior to bidding. The Manufacturer shall have a record of successful in-service performance of applicable products.

The Contractor shall not apply crack sealant or filler materials if substrate is wet or excessively damp, if cracks are not clean and free of debris, and/or if the minimum surface temperature is not 50°F at time of placement.

The Contractor is to take the following steps to install crack sealant or crack filler;

1. Verify that pavement surface is dry and clean to receive sealant or filler.
  - i. Notify the City in writing of any unsatisfactory conditions. Do not begin crack sealing or filling until these conditions have been corrected.
  - ii. Alligator cracking (pavement cracking that is within 6' of another crack and exhibits a mesh pattern on the pavement) shall not be considered a good candidate for crack sealing.
2. Immediately before placing crack sealing or filling materials the Contractor is to utilize compressed air to remove loose and deleterious material from surfaces. Ensure pavement is clean, dry, and ready to receive materials.
3. Place crack sealing or filling material in accordance with the manufacturer's requirements for quality and safety.
4. Place crack sealing or filler in cracks and joints so that void is completely filled. If settling occurs, place material so that material in void is reasonably level with or slightly below adjacent materials (a slight under fill is preferred).

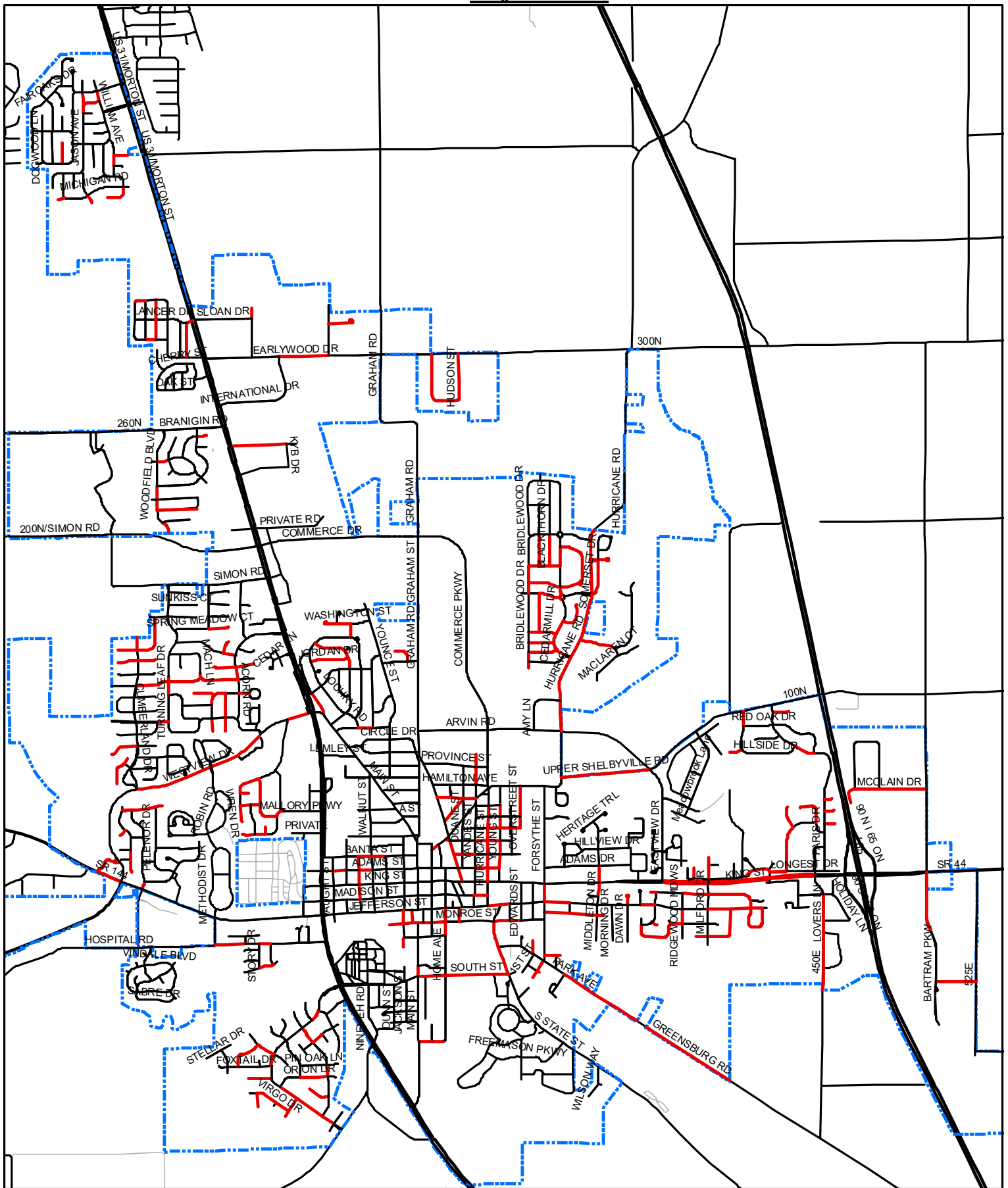
5. Material SHALL be squeegeed and the residual band shall be no greater than three (3) inches.
6. Alligator cracking, as discussed above, shall not be crack sealed per this maintenance contract. Locations where a contractor has been directed to flood an alligator cracked location shall be considered extra work and thus paid for under a change order to the contract.
7. Place sealant debonding material "Detack" to hot-pour areas prior to exposing treated cracks to traffic. Place debonding agent in conformance to manufacturer's requirements for safety and quality.
8. Traffic shall not be allowed on the sealant until it has cured and the possibility of tracking does not exist. The City shall determine when this condition exists.
9. Crack sealant applied in a mobile set on all streets shall have a sealant debonding material added to prevent tracking.
10. Details of standard crack fill operations are shown below and the City shall be consulted daily as to which configuration is acceptable prior to starting.



11. Cracks shall be filled so that the cured material is flush with or slightly below the adjacent pavement. Any excess material applied shall be removed or distributed (squeegee).
12. A City representative may inspect the work. The work will be inspected for coverage, bonding of the cured material to cracks, adequate fill height, and for any tracking of the material. The contractor shall remove and replace any crack sealant where inspection results or measurements indicate that it does not comply with specified requirements.



# Project Outline



City of Franklin  
Engineering Department  
70 E. Monroe Street  
Franklin, IN 46131  
(317) 736-3631  
www.franklin.in.gov  
Date: July 18, 2018

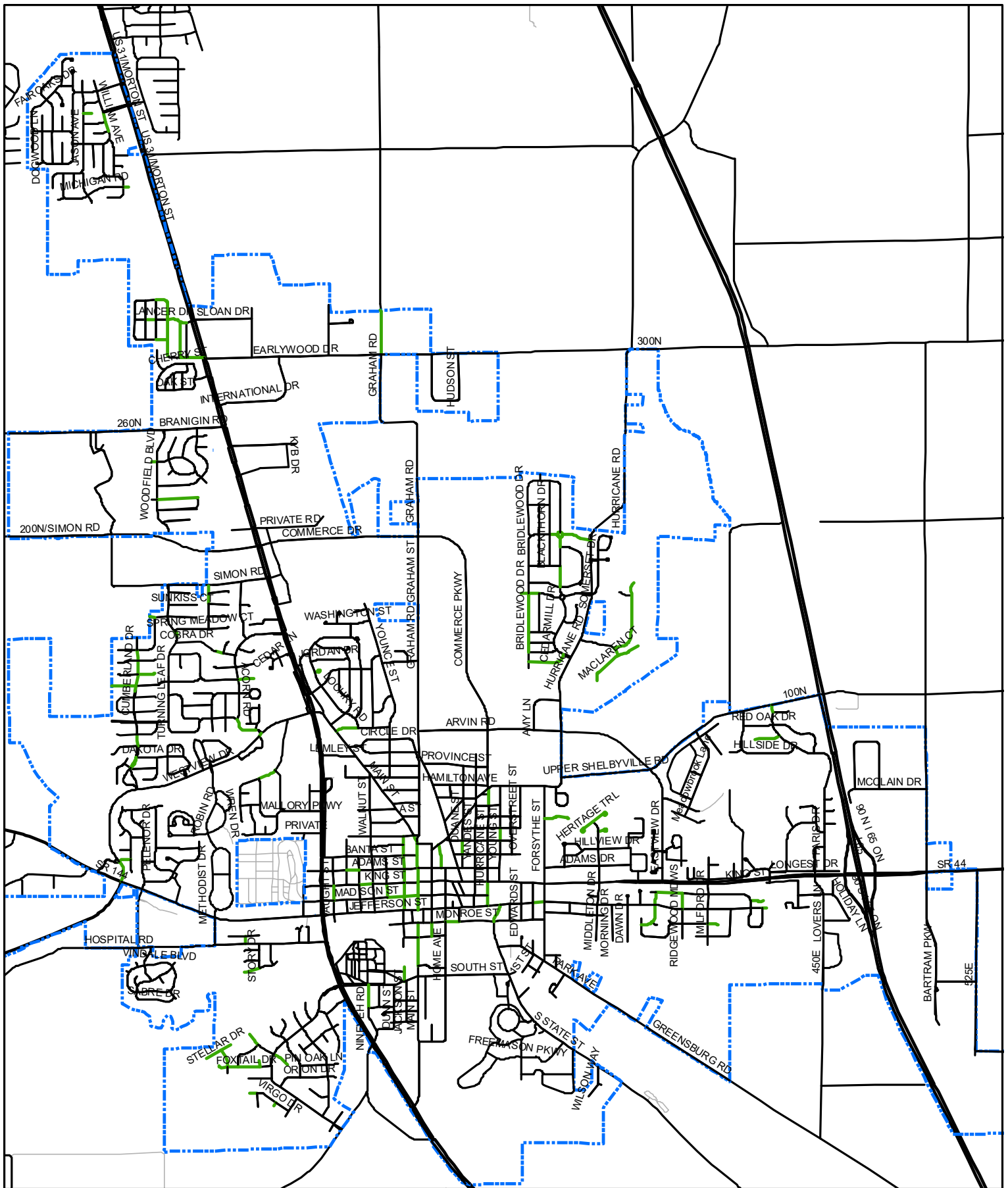
2018 Maintenance Improvement Program:  
Crack Seal  
PASER 7

Paser Rating 2018

6

City\_Limits\_2015





City of Franklin  
Engineering Department  
70 E. Monroe Street  
Franklin, IN 46131  
(317) 736-3631  
[www.franklin.in.gov](http://www.franklin.in.gov)  
Date: July 18, 2018

# 2018 Maintenance Improvement Program: Crack Seal PASER 7

**Paser Rating 2018**

7

City\_Limits\_2015



## 2018 Crack Seal Program

## PASER 6

Road Name	Road Type	Neighborhood	From	To	Approximate Mileage (mi)	Typical Road Width (ft)	# of Lanes	Typical SY per Road	Pavement Type	Speed Limit	Paser Rating 2018
Hospital	Road	Arbor Springs	Drake Road	Briar Ridge Drive	0.11	24	2	1548.80	Asphalt	40	6
Aberdeen	Drive	Branigin Creek	Woodfield Boulevard	Dead End	0.23	24	2	3238.40	Asphalt	25	6
Woodfield	Boulevard	Branigin Creek	Branigin Creek Boulevard	Aberdeen Drive	0.07	24	2	985.60	Asphalt	30	6
Woodfield	Boulevard	Branigin Creek	Aberdeen Drive	Aberdeen Drive	0.06	24	2	844.80	Asphalt	30	6
Woodfield	Boulevard	Branigin Creek	Saticoy Court	Dead End	0.06	24	2	844.80	Asphalt	30	6
Canary Creek	Court	Canary Creek	Canary Creek Drive	Dead End	0.04	24	2	563.20	Asphalt	25	6
Elmwood	Drive	Canary Creek	Hannah Place	Waterway Drive	0.05	24	2	704.00	Asphalt	20	6
Waterway	Drive	Canary Creek	Canary Creek Drive	Elmwood Drive	0.13	24	2	1830.40	Asphalt	20	6
Waterway	Drive	Canary Creek	Elmwood Drive	Mallory Parkway	0.13	24	2	1830.40	Asphalt	20	6
Monroe	Street	Central Business District	Jackson Street	West Court Street	0.04	40	2	938.67	Asphalt	25	6
Monroe	Street	Central Business District	West Court Street	South Main Street	0.03	40	2	704.00	Asphalt	25	6
Monroe	Street	Central Business District	South Main Street	East Court Street	0.03	40	2	704.00	Asphalt	25	6
Monroe	Street	Central Business District	East Court Street	Water Street	0.04	40	2	938.67	Asphalt	25	6
Acorn	Road	Deer Trace	Torino Lane	Taurus Lane	0.06	24	2	844.80	Asphalt	25	6
Cobra	Drive	Deer Trace	Acorn Road	Falcon Court	0.10	24	2	1408.00	Asphalt	25	6
Cumberland	Drive	Deer Trace	Yellowstone Way	Dead End	0.06	32	2	1126.40	Asphalt	25	6
Falcon	Court	Deer Trace	Cobra Drive	Dead End	0.07	24	2	985.60	Asphalt	25	6
Fiesta	Drive	Deer Trace	Turning Leaf Drive	Cumberland Drive	0.17	24	2	2393.60	Asphalt	25	6
Grand Canyon	Court	Deer Trace	Cumberland Road	Dead End (West)	0.10	24	2	1408.00	Asphalt	25	6
Grand Canyon	Circle	Deer Trace	Cumberland Road	Dead End (East)	0.11	24	2	1548.80	Asphalt	25	6
Torino	Court	Deer Trace	Acorn Road	Dead End	0.10	24	2	1408.00	Asphalt	25	6
Torino	Lane	Deer Trace	Acorn Road	Dead End	0.12	24	2	1689.60	Asphalt	25	6
Turning Leaf	Drive	Deer Trace	Dead End	Fiesta Drive	0.03	24	2	422.40	Asphalt	25	6
Turning Leaf	Drive	Deer Trace	Fiesta Drive	Alder Road	0.03	24	2	422.40	Asphalt	25	6
Yellowstone	Circle	Deer Trace	Cumberland Road	Dead End	0.10	24	2	1408.00	Asphalt	25	6
King	Street	Eastview	Eastview Drive	Milford Drive	0.11	80	4	5162.67	Concrete	40	6
King	Street	Eastview	Milford Drive	Longest Drive	0.31	24	4	4364.80	Concrete		6
King	Street	Eastview	Longest Drive	Paris Drive Bypass	0.22	24	4	3097.60	Concrete		6
Branigin	Boulevard	Franklin College	South Street	Grizzly Drive	0.13	36	2	2745.60	Asphalt	25	6
Branigin	Boulevard	Franklin College	Grizzly Drive	Monroe Street	0.04	24	2	563.20	Asphalt	25	6
Greensburg	Road	Franklin College	Park Avenue	City Limits	0.66	20	2	7744.00	Asphalt	40	6
Park	Avenue	Franklin College	Fleetwood Lane	Greensburg Road	0.06	20	2	704.00	Asphalt	25	6
Bartram (Change from and to)	Parkway	Franklin Eastside Business Park	King Street	Bartram Parkway	0.56	30	2	9796.67	Asphalt	30	6
Earlywood	Drive	Franklin Industrial Park	International Drive	Essex Drive	0.25	24	2	3520.00	Asphalt	40	6
Hudson	Street	Franklin Industrial Park	Earlywood Drive	RJ Parkway	0.36	26	2	5491.20	Asphalt	30	6
Hurricane	Road	Franklin Industrial Park	Cedarmill Drive	Amy Lane	0.09	28	2	1478.40	Asphalt	40	6
Hurricane	Road	Franklin Industrial Park	Amy Lane	Arvin Road	0.16	28	2	2628.27	Asphalt	40	6
Industrial	Drive	Franklin Industrial Park	US31	KYB Drive	0.34	30	2	5984.00	Asphalt	30	6
RJ	Parkway	Franklin Industrial Park	RJ Parkway	Hudson Street	0.23	26	2	3508.27	Asphalt	30	6
Yandes	Street	Franklin Industrial Park	Province Street	Dead End	0.09	24	2	1267.20	Asphalt	25	6
Franklin Lakes	Boulevard	Franklin Lakes/Windstar	Shoreline Lane	Fox Tail Drive	0.06	30	2	1056.00	Asphalt	30	6
Scorpio	Court	Franklin Lakes/Windstar	Virgo Drive	Dead End	0.07	24	2	985.60	Asphalt	30	6
Shoreline	Lane	Franklin Lakes/Windstar	Youngs Creek Drive	Franklin Lakes Boulevard	0.09	24	2	1267.20	Asphalt	30	6
Stardust	Court	Franklin Lakes/Windstar	North Shore Boulevard	Dead End	0.11	24	2	1548.80	Asphalt	30	6
Supernova	Drive	Franklin Lakes/Windstar	Dead End	Franklin Lakes Boulevard	0.12	24	2	1689.60	Asphalt	30	6
Windstar	Boulevard	Franklin Lakes/Windstar	Orion Drive	Constellation Way	0.10	40	2	2346.67	Asphalt	30	6
Windstar	Boulevard	Franklin Lakes/Windstar	Constellation Way	North Shore Boulevard	0.15	40	2	3520.00	Asphalt	30	6
Windstar	Boulevard	Franklin Lakes/Windstar	North Shore Boulevard	Capricorn Drive	0.07	40	2	1642.67	Asphalt	30	6
Youngs Creek	Drive	Franklin Lakes/Windstar	Foxtail Drive	Shoreline Lane	0.17	24	2	2393.60	Asphalt	35	6
Johnson	Avenue	Hamilton	Ohio Street	Kentucky Street	0.07	20	2	821.33	Asphalt	25	6
Johnson	Avenue	Hamilton	Kentucky Street	Adams Street	0.04	20	2	469.33	Asphalt	25	6
Ohio	Street	Hamilton	Cincinnati Street	Johnson Avenue	0.02	20	2	234.67	Asphalt	25	6
Pratt	Street	Hamilton	Johnson Avenue	Coburn Street	0.06	20	2	704.00	Asphalt	25	6
Pratt	Street	Hamilton	Coburn Street	Duane Street	0.06	20	2	704.00	Asphalt	25	6
Pratt	Street	Hamilton	Duane Street	Yandes Street	0.06	20	2	704.00	Asphalt	25	6
Terre Haute	Street	Hamilton	Johnson Avenue	Duane Street	0.14	20	2	1642.67	Asphalt	25	6
Yandes	Street	Hamilton	Province Street	Hamilton Avenue	0.09	20	2	1056.00	Asphalt	25	6
Young	Street	Hamilton	Howe Street	Samuel Street	0.06	20	2	704.00	Asphalt	25	6
Young	Street	Hamilton	Samuel Street	Oyler Street	0.06	20	2	704.00	Asphalt	25	6
Young	Street	Hamilton	Ohio Street	Kentucky Street	0.07	20	2	821.33	Asphalt	25	6
Young	Street	Hamilton	Kentucky Street	Adams Street	0.04	20	2	469.33	Asphalt	25	6
Blackthorn	Drive	Heritage/Brookhaven	Colonial Way	Brookshire Drive	0.16	24	2	2252.80	Asphalt	25	6
Bridlewood	Drive	Heritage/Brookhaven	Dead End	Brookstone Drive	0.03	24	2	422.40	Asphalt	25	6
Bridlewood	Drive	Heritage/Brookhaven	Brookstone Drive	Ravine Drive	0.05	24	2	704.00	Asphalt	25	6
Bridlewood	Drive	Heritage/Brookhaven	Brookhaven Drive	Stonehurst Drive	0.06	24	2	844.80	Asphalt	25	6

## 2018 Crack Seal Program

7/18/2018

## PASER 6

Road Name	Road Type	Neighborhood	From	To	Approximate Mileage (mi)	Typical Road Width (ft)	# of Lanes	Typical SY per Road	Pavement Type	Speed Limit	Paser Rating 2018
Bridlewood	Drive	Heritage/Brookhaven	Stonehurst Drive	Colonial Way	0.08	24	2	1126.40	Asphalt	25	6
Bristol	Drive	Heritage/Brookhaven	Heritage Way	Brookshire Drive	0.16	24	2	2252.80	Asphalt	25	6
Brookhaven	Drive	Heritage/Brookhaven	Olympia Drive	Cedarmill Drive	0.14	24	2	1971.20	Asphalt	25	6
Cedarmill	Drive	Heritage/Brookhaven	Colonial Way	Hampton Drive	0.10	24	2	1408.00	Asphalt	25	6
Hampton	Drive	Heritage/Brookhaven	Cedarmill Drive	Cedarmill Drive	0.36	24	2	5068.80	Asphalt	25	6
Hurricane	Road	Heritage/Brookhaven	Amy Lane	Cedarmill Drive	0.11	24	2	1548.80	Asphalt	40	6
Hurricane	Road	Heritage/Brookhaven	Cedarmill Drive	Lockerbie Boulevard	0.10	24	2	1408.00	Asphalt	40	6
Hurricane	Road	Heritage/Brookhaven	Lockerbie Boulevard	Brookhaven Drive	0.24	24	2	3379.20	Asphalt	40	6
Hurricane	Road	Heritage/Brookhaven	Brookhaven Drive	Legends Boulevard	0.17	24	2	2393.60	Asphalt	40	6
Hurricane	Road	Heritage/Brookhaven	Legends Boulevard	Brookshire Drive	0.10	24	2	1408.00	Asphalt	40	6
Hurricane	Road	Heritage/Brookhaven	Brookshire Drive	City Limits	0.06	50	2	1760.00	Asphalt	40	6
Augusta	Court	Hillview	Fairway Lakes Drive	Dead End	0.12	24	2	1689.60	Asphalt	30	6
Fairway Lakes	Drive	Hillview	Augusta Court	St. Andrews Drive	0.12	20	2	1408.00	Asphalt	30	6
Longest	Drive	Hillview	Longest Drive	Fairway Lakes Drive	0.09	20	2	1056.00	Asphalt	25	6
Forsythe	Street	Hougham	King Street	Jefferson Street	0.09	24	2	1267.20	Asphalt	25	6
Jefferson	Street	Hougham	Hurricane Street	Branigin Boulevard	0.03	24	2	422.40	Asphalt	30	6
Jefferson	Street	Hougham	Branigin Boulevard	Henry Street	0.05	24	2	704.00	Asphalt	30	6
450 East	Road	I-65 West	Minute Man Way	City Limits	0.30	26	2	4576.00	Asphalt	40	6
Thornburg	Lane	I-65 West	Milford Drive	Gardens Court	0.23	24	2	3238.40	Asphalt	25	6
Thornburg	Lane	I-65 West	Gardens Court	Jefferson Street	0.04	24	2	563.20	Asphalt	25	6
Umbarger	Lane	I-65 West	Benjamin Street	Early Lane	0.13	26	2	1982.93	Asphalt	35	6
Umbarger	Lane	I-65 West	Early Lane	Minuteman Way	0.06	26	2	915.20	Asphalt	40	6
South	Street	Indiana Masonic Home	Ashler Drive	South State Street	0.07	36	2	1478.40	Asphalt	30	6
Decourcy	Lane	Jefferson Meadows	Milford Drive	Jefferson Street	0.24	24	2	3379.20	Asphalt	25	6
Decourcy	Court	Jefferson Meadows	Milford Drive	Dead End	0.07	24	2	985.60	Asphalt	25	6
Reagan	Circle	Jefferson Meadows	Jefferson Street	Jefferson Street	0.24	24	2	3379.20	Asphalt	25	6
Bryant	Court	Lochry	Bryant Drive	Dead End	0.10	30	2	1760.00	Asphalt	25	6
Crescent	Street	Lochry	Lochry Road	Crescent Court	0.16	30	2	2816.00	Asphalt	25	6
Adams	Street	Near Northeast	Yandes Street	Hurricane Street	0.07	24	2	985.60	Asphalt	25	6
Adams	Street	Near Northeast	Hurricane Street	Young Street	0.06	24	2	844.80	Asphalt	25	6
Cincinnati	Street	Near Northeast	Water Street	Richey Street	0.04	24	2	563.20	Asphalt	25	6
Adams	Street	Near Northwest	Walnut Street	West Street	0.07	24	2	985.60	Asphalt	25	6
Adams	Street	Near Northwest	Emma Street	Vaught Street	0.07	24	2	985.60	Asphalt	25	6
Banta	Street	Near Northwest	West Street	Walnut Street	0.07	24	2	985.60	Asphalt	25	6
Banta	Street	Near Northwest	Walnut Street	Breckenridge Street	0.07	24	2	985.60	Asphalt	25	6
West	Street	Near Northwest	Banta Street	Adams Street	0.07	22	2	903.47	Asphalt	25	6
West	Street	Near Northwest	Adams Street	King Street	0.07	22	2	903.47	Asphalt	25	6
West	Street	Near Northwest	King Street	Madison Street	0.07	22	2	903.47	Asphalt	25	6
West	Street	Near Northwest	Madison Street	Jefferson Street	0.07	22	2	903.47	Asphalt	25	6
North Main	Street	Northwood	Schoolhouse Road	North Main Street	0.13	28	2	2135.47	Asphalt	25	6
Westview	Drive	Northwood	Northwood Plaza	Canary Creek Drive	0.11	40	2	2581.33	Asphalt	25	6
Dawn	Drive	Orchard Park	Jefferson Street	Dead End (North)	0.07	24	2	985.60	Asphalt	25	6
Middleton	Drive	Potter's Green	King Street	Adams Drive	0.09	25	2	1320.00	Asphalt	25	6
Yellowstone	Way	Simon Meadows	Harvest Ridge Circle	Cumberland Drive	0.10	24	2	1408.00	Asphalt	25	6
Champ Ulysses	Street	South Franklin	South Main Street	Center Street	0.06	20	2	704.00	Asphalt	25	6
Champ Ulysses	Street	South Franklin	Center Street	Home Avenue	0.08	20	2	938.67	Asphalt	25	6
South	Street (East)	South Franklin	South Main Street	Center Street	0.03	36	2	718.08	Asphalt	30	6
South	Street (East)	South Franklin	Center Street	Home Avenue	0.10	36	2	2112.00	Asphalt	30	6
South	Street (East)	South Franklin	Home Avenue	Ashlar Drive	0.21	36	2	4435.20	Asphalt	30	6
South Main	Street	South Franklin	Caisson Drive	South Street	0.05	36	2	1056.00	Asphalt	30	6
Crowell	Street	South Home	Monroe Street	Jefferson Street	0.04	24	2	563.20	Asphalt	25	6
Home	Avenue	South Home	Monroe Street	Jefferson Street	0.04	30	2	704.00	Asphalt	25	6
Home	Avenue	South Home	Monroe Street	Wayne Street	0.07	28	2	1149.87	Asphalt	25	6
Monroe	Street	South Home	Home Avenue	Water Street	0.07	30	2	1232.00	Asphalt	25	6
Pamela	Drive	Westview	Cumberland Drive	Dead End (West)	0.15	24	2	2112.00	Asphalt	25	6
Westview	Drive	Westview	Preidt Circle	Preidt Circle	0.14	40	2	3285.33	Asphalt	40	6
Westview	Drive	Westview	Preidt Circle	Robin Road	0.15	40	2	3520.00	Asphalt	40	6
Westview	Drive	Westview	Robin Road	Lakeside Drive	0.04	40	2	985.60	Asphalt	40	6
Westview	Drive	Westview	Lakeside Drive	Whispering Way	0.09	40	2	2112.00	Asphalt	40	6
Westview	Drive	Westview	Whispering Way	Cumberland Drive	0.26	40	2	6101.33	Asphalt	40	6
Creekwood	Lane	Woodfield Village	North Woodfield Drive	Story Drive	0.07	24	2	985.60	Asphalt	25	6
Commons	Way	Young's Creek	Westview Drive	East SR144	0.14	30	2	2464.00	Asphalt	30	6
East SR 144	State Route	Young's Creek	Westview Drive	Commons Way	0.40	45	2	10560.00	Asphalt	40	6

TOTAL 237,971 SY

## 2018 Crack Seal Program

7/18/2018

## PASER 7

Road Name	Road Type	Neighborhood	From	To	Approximate Mileage (mi)	Typical Road Width (ft)	# of Lanes	Typical SY per Road	Pavement Type	Speed Limit	Paser Rating 2018
Creekwood	Lane	Arbor Springs	Story Drive	Dead End	0.09	24	2	1267.20	Asphalt	25	7
Aberdeen	Drive	Branigin Creek	Woodfield Boulevard	Dead End	0.20	24	2	2773.76	Asphalt	30	7
Jackson	Street	Central Business District	Madison Street	Jefferson Street	0.07	40	2	1642.67	Asphalt	25	7
North Main	Street	Central Business District	Jefferson Street	Madison Street	0.07	60	2	2464.00	Asphalt	25	7
North Main	Street	Central Business District	Madison Street	King Street	0.07	40	2	1642.67	Asphalt	25	7
South Main	Street	Central Business District	Monroe Street	Wayne Street	0.07	36	2	1478.40	Asphalt	25	7
Cobra	Drive	Deer Trace	Falcon Court	Dead End	0.10	24	2	1408.00	Asphalt	25	7
Cumberland	Drive	Deer Trace	Dead End	Fiesta Drive	0.03	32	2	563.20	Asphalt	25	7
Cumberland	Drive	Deer Trace	Fiesta Drive	Niagara Lane	0.06	32	2	1126.40	Asphalt	25	7
Cumberland	Drive	Deer Trace	Niagara Lane	Grand Canyon Circle	0.07	32	2	1314.13	Asphalt	25	7
Cumberland	Drive	Deer Trace	Grand Canyon Circle	Yellowstone Way	0.06	32	2	1126.40	Asphalt	25	7
Fiesta	Drive	Deer Trace	Cumberland Drive	Dead End	0.13	24	2	1830.40	Asphalt	25	7
Niagara	Lane	Deer Trace	Cumberland Road	Dead End (East)	0.10	24	2	1408.00	Asphalt	25	7
Heritage	Lane	Eastview	Middleton Drive	Dead End	0.07	24	2	985.60	Asphalt	25	7
Heritage	Trail	Eastview	Middleton Drive	Dead End (East)	0.10	24	2	1446.00	Asphalt	25	7
Heritage	Trail	Eastview	Middleton Drive	Dead End (West)	0.10	24	2	1408.00	Asphalt	25	7
Graham	Road	Franklin Industrial Park	City Limits	Earlywood Drive	0.23	20	2	2698.67	Asphalt	40	7
Fox Tail	Drive	Franklin Lakes/Windstar	Dead End	Sagittarius Avenue	0.05	24	2	704.00	Asphalt	30	7
Fox Tail	Drive	Franklin Lakes/Windstar	Sagittarius Avenue	Youngs Creek Drive	0.05	24	2	704.00	Asphalt	30	7
Fox Tail	Drive	Franklin Lakes/Windstar	Youngs Creek Drive	Fox Tail Court	0.11	24	2	1548.80	Asphalt	30	7
Fox Tail	Court	Franklin Lakes/Windstar	Fox Tail Drive	Dead End	0.04	24	2	563.20	Asphalt	30	7
Sagittarius	Avenue	Franklin Lakes/Windstar	Stellar Drive	Fox Tail Drive	0.09	24	2	1267.20	Asphalt	30	7
Shoreline	Court	Franklin Lakes/Windstar	Franklin Lakes Boulevard	Dead End	0.07	20	2	821.33	Asphalt	30	7
South Shore	Court	Franklin Lakes/Windstar	Franklin Lake Boulevard	Dead End	0.07	24	2	985.60	Asphalt	30	7
Stellar	Drive	Franklin Lakes/Windstar	Dead End (East)	Sagittarius Avenue	0.08	24	2	1126.40	Asphalt	30	7
Stellar	Drive	Franklin Lakes/Windstar	Sagittarius Avenue	Dead End (West)	0.06	24	2	844.80	Asphalt	30	7
Young	Street	Hamilton	Oyler Street	Ohio Street	0.06	20	2	704.00	Asphalt	25	7
Bridlewood	Drive	Heritage/Brookhaven	Ravine Drive	Harbon Drive	0.05	24	2	704.00	Asphalt	25	7
Bridlewood	Drive	Heritage/Brookhaven	Harbon Drive	Gristmill Drive	0.05	24	2	704.00	Asphalt	25	7
Bridlewood	Drive	Heritage/Brookhaven	Gristmill Drive	Brookhaven Drive	0.19	24	2	2675.20	Asphalt	25	7
Bridlewood	Drive	Heritage/Brookhaven	Brookshire Drive	Fieldstone Drive	0.16	24	2	2252.80	Asphalt	25	7
Brookhaven	Drive	Heritage/Brookhaven	Dead End	Bridlewood Drive	0.04	28	2	657.07	Asphalt	25	7
Brookhaven	Drive	Heritage/Brookhaven	Bridlewood Drive	Olympia Drive	0.05	24	2	704.00	Asphalt	25	7
Brookshire	Drive	Heritage/Brookhaven	Blackthorn Drive	Cedarmill Drive	0.06	24	2	844.80	Asphalt	25	7
Brookshire	Drive	Heritage/Brookhaven	Cedarmill Drive	Hurricane Road	0.16	24	2	2252.80	Asphalt	25	7
Brookstone	Drive	Heritage/Brookhaven	Bridlewood Drive	Cedarmill Drive	0.20	28	2	3285.33	Asphalt	25	7
Cedarmill	Drive	Heritage/Brookhaven	Stonehurst Drive	Colonial Way	0.10	24	2	1408.00	Asphalt	25	7
Cedarmill	Drive	Heritage/Brookhaven	Hampton Drive	Brookshire Drive	0.13	24	2	1830.40	Asphalt	25	7
Branigin	Boulevard	Hougham	Monroe Street	Jefferson Street	0.09	35	2	1848.00	Asphalt	25	7
Jefferson	Street	Hougham	Hougham Street	Forsythe Street	0.06	24	2	844.80	Asphalt	30	7
Gardens	Court	I-65 West	Thornburg Lane	Dead End	0.07	24	2	985.60	Asphalt	25	7
Heather Glen	Way	Legends	Lockerbie Boulevard	Dead End	0.04	24	2	563.20	Asphalt	20	7
Lochry	Court	Lochry	Lochry Road	Dead End	0.05	30	2	880.00	Concrete	25	7
North Main	Street	Near Northeast	King Street	Adams Street	0.07	30	2	1232.00	Asphalt	25	7
North Main	Street	Near Northeast	Adams Street	Banta Street	0.07	30	2	1232.00	Asphalt	25	7
North Main	Street	Near Northeast	Banta Street	Martin Place	0.10	30	2	1760.00	Asphalt	25	7
North Main	Street	Near Northeast	Martin Place	Graham Road	0.02	30	2	352.00	Asphalt	25	7
North Main	Street	Near Northeast	Graham Road	Herriott Street	0.03	30	2	528.00	Asphalt	25	7
Richey	Street	Near Northeast	Cincinnati Street	Adams Street	0.08	14	2	657.07	Asphalt	25	7
Adams	Street	Near Northwest	West Street	Emma Street	0.06	24	2	844.80	Asphalt	25	7
Jackson	Street	Near Northwest	Herriott Street	Maple Lane	0.04	36	2	844.80	Asphalt	25	7
Jackson	Street	Near Northwest	Maple Lane	Banta Street	0.06	28	2	985.60	Asphalt	25	7
Jackson	Street	Near Northwest	Banta Street	Adams Street	0.07	28	2	1149.87	Asphalt	25	7
Jackson	Street	Near Northwest	Adams Street	King	0.07	28	2	1149.87	Asphalt	25	7
Jackson	Street	Near Northwest	King	Madison Street	0.03	28	2	492.80	Asphalt	25	7
Madison	Street	Near Northwest	Jackson Street	Breckenridge Street	0.08	24	2	1126.40	Asphalt	25	7
Jackson	Street	South Franklin	South Street	Dead End	0.07	24	2	985.60	Asphalt	25	7
Nineveh	Street	South Franklin	South Street	Franks Place	0.12	20	2	1408.00	Asphalt	25	7
South Main	Street	South Franklin	Wayne Street	Caisson Drive	0.05	40	2	1173.33	Asphalt	30	7
Monroe	Street	South Home	Crowell Street	Home Avenue	0.07	30	2	1232.00	Asphalt	25	7
Water	Street	South Home	Monroe Street	Wayne Street	0.07	40	2	1642.67	Asphalt	25	7
Briar Ridge	Drive	West Parke	Wild Ivy Trail	Hospital Road	0.04	24	2	563.20	Asphalt	25	7
Westview	Drive	Westview	Oakleaf Road	Preidt Circle	0.02	40	2	469.33	Asphalt	40	7
TOTAL								78,122	SY		