



MONROE COUNTY  
**R O A D**  
COMMISSION

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840 S. Telegraph Road • Monroe, Michigan 48161 • Phone: (734) 240-5102 • Fax: (734) 240-5101

**PROPOSAL**

**FOR**

**2018 BEDFORD TOWNSHIP SUBDIVISIONS  
OVERBAND CRACK FILL**

**BID OPENING:**

Thursday, June 28, 2018 at 10:00 a.m.

**BOARD OF COUNTY ROAD COMMISSIONERS  
OF THE COUNTY OF MONROE**

Paul Iacoangeli, Chairman  
Dan Minton, Vice Chairman  
Stephen J. Pace, Member  
Charles A. Londo, Member  
Greg W. Stewart, Member

**MONROE COUNTY ROAD COMMISSION  
INVITATION TO BID**

Sealed bids will be received by the Board of County Road Commissioners of the County of Monroe until **10:00 a.m.** local time on **Thursday, June 28, 2018** at their office located at 840 South Telegraph Road, Monroe, Michigan, 48161 for the following:

- 2018 Bedford Township Subdivisions Overband Crack Fill
- Phragmite and Brush Control Chemical Treatment

Bids will be publicly opened and read aloud by the Bid Committee at 10:00 a.m. Proposals may be downloaded from the Road Commission's website at [www.mcrc-mi.org/bids.html](http://www.mcrc-mi.org/bids.html).

BOARD OF COUNTY ROAD COMMISSIONERS  
OF THE COUNTY OF MONROE, MICHIGAN

**MONROE COUNTY ROAD COMMISSION  
PROPOSAL  
2018 BEDFORD TOWNSHIP SUBDIVISIONS OVERBAND CRACK FILL**

TO: The Board of County Road Commissioners of the County of Monroe, Michigan

FOR: 4.03 miles of overband crack fill and traffic control in the Canterbury Forest Subdivision, Enchanted Forest Subdivision, Harmony Lane, Melody Court, Hidden Valley Subdivision and Springbrook Subdivision (Plats 3-5) in Bedford Township, Monroe County, Michigan

Ladies and Gentlemen:

The undersigned bidder hereby affirms that:

1. The proposal is in all respects fair and without any collusion or fraud.
2. The undersigned have examined the site of the proposed project and have made a personal investigation and estimate of quantities.
3. The undersigned will contract to furnish all labor, equipment, tools, material and traffic control devices necessary at the unit prices stated on the attached bid forms and to complete the work in the time specified to the satisfaction of the Board of County Road Commissioners of the County of Monroe, Michigan.

Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
City, State, ZIP: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
By: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

Notes:

1. If the bidder is a partnership, each member must sign the proposal.
2. Corporations must execute the proposal by duly authorized officers in accordance with the Articles of Incorporation.

INSTRUCTIONS TO BIDDERS  
and  
GENERAL CONDITIONS

The Michigan Department of Transportation 2012 Standard Specifications for Construction are incorporated as part of these bidding documents and shall govern except as provided in the Invitation to Bid, Instructions to Bidders and General Conditions, and Proposal. Reference to the Department or Commission in the Michigan Department of Transportation 2012 Standard Specifications for Construction shall for this project mean the Board of County Road Commissioners of the County of Monroe, hereinafter referred to as "Board", unless otherwise specified.

OWNER

The owner of the project is the Board of County Road Commissioners of the County of Monroe, also referred to as the "Board."

ENGINEER

The Engineer is the County Highway Engineer or the individual assigned by the County Highway Engineer to be in charge of the Contract. The person assigned as the Engineer may be an employee of the Board, a consultant or an outside contractor hired by the Board.

BIDDER

The Bidder is one who submits a signed bid with the required documentation directly to the Board at the time and place specified.

BID FORMS

Sealed proposals must be submitted on the bid forms furnished by the Board. The proposal shall be submitted in its entirety (pages 1 through 10) with no modifications or changes except as authorized by an addendum and with no pages removed. All proposals must be filled out in ink or typewritten and shall be legibly signed, giving the complete name and address of the Bidder.

All bids must be in a sealed envelope and clearly marked "**2018 Bedford Township Subdivisions Overband Crack Fill.**"

BIDDER'S SURETY

A bid bond or bid deposit will not be required for this proposal.

INTERPRETATION AND ADDENDA

All questions about the meaning or intent of the Bidding Documents are to be directed to the Engineer. Interpretation or clarification considered necessary by the Engineer to such questions will be issued by Addenda delivered to all parties recorded by the Engineer as having received the Bidding Documents. Questions received less than seven days prior to the date for opening the bids may not be answered. Only questions answered by formal written Addenda are binding. Oral and other interpretations or clarifications will be without legal effect.

OPENING OF BIDS

Bids will be received by the Board at 840 S. Telegraph Road, Monroe, Michigan, 48161 until **10:00 a.m.** local time on **Thursday, June 28, 2018** at which time they will be publicly opened and read aloud.

REJECTION OF BIDS

The Board reserves the right to reject any or all bids, including without limitation the right to reject any or all nonconforming, nonresponsive, unbalanced, or conditional bids and to reject the bid of any Bidder if the Board believes that it would not be in the best interest of the project to make an award to that Bidder, whether because the bid is not responsive or if the Bidder is unqualified or of doubtful financial ability or fails to meet any pertinent standards or criteria established by the Board. The Board also reserves the right to waive all informalities in any bid should it be deemed in the best interest of the Road Commission to do

so. Discrepancies between the multiplication of units of work and the unit prices will be resolved in favor of the unit price. Discrepancies between the indicated sum of any column of figures and the correct sum will be resolved in favor of the correct sum. Discrepancies between words and figure will be resolved in favor of words.

#### TITLE VI ASSURANCE

The Monroe County Road Commission, in accordance with Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 USC 2000d to 2000d-4) and Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, hereby notifies all bidders that it assures that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, national origin, gender, age, or disability in consideration for an award.

#### PROHIBITION OF DISCRIMINATION

In accordance with Act No. 453, Public Acts of 1976, the Contractor and subcontractors hereby agree not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of race, color, religion, national origin, age, sex, height, weight, or marital status. Further, in accordance with Act No. 220, Public Acts of 1976 as amended by Act No. 478, Public Acts of 1980, the Contractor and subcontractors hereby agree not to discriminate against an employee or applicant for employment tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of a disability that is unrelated to the individual's ability to perform the duties of a particular job or position. A breach of the above covenants shall be regarded as a material breach of this contract.

#### CONTRACT EXECUTION

The Bidder to whom the Contract is awarded shall, within ten (10) calendar days after notice of award, enter into a written contract with the Board and furnish proof of insurance as hereinafter specified. Failure to execute the contract or furnish satisfactory proof of insurance will be considered cause for annulment of award.

#### INCREASED OR DECREASED QUANTITIES

The Board reserves the right to increase or decrease quantities from those originally estimated and such changes will be paid for at the unit price bid so long as the total contract amount is not changed more than ten (10) percent. Changes in excess of that amount will be individually negotiated.

#### PROGRESS SCHEDULE

In no case shall any work be commenced prior to receipt of formal notice of award by the Board.

The low Bidder for the work covered by this proposal will be required to meet with the Board's representative to review the Contractor's proposed work schedule. The schedule for this meeting will be set within one (1) week after the low bidder is determined.

The Board's representative will arrange the time and place for the meeting.

#### TIME OF COMPLETION

All contract work shall be completed on or before **October 19, 2018**.

#### FAILURE TO COMPLETE ON TIME

Liquidated damages will be assessed in accordance with Section 108 of the Michigan Department of Transportation 2012 Standard Specifications for Construction, except that all references to seasonal limitations will not apply. Liquidated damages will continue to be assessed for each calendar day the work remains incomplete after the substantial completion date or contract completion date, even if those days extend beyond any seasonal limitations.

#### PAYMENTS TO CONTRACTOR

The Contractor shall invoice the Monroe County Road Commission for their work on the contract.

FINAL INSPECTION, ACCEPTANCE AND FINAL PAYMENT

The Engineer will make a final inspection of all work included in the contract and notify the Contractor of defects to be remedied prior to final acceptance.

DISPUTES

The County Highway Engineer's written decision on any question arising under the contract between the Board and Contractor shall be final and binding upon both the Board and the Contractor in the absence of fraud, bad faith, or abuse of discretion.

ASSIGNMENT CLAUSE

The contract between the Board and the Contractor may not be assigned to a third party without the written consent of the Board.

TAXES

The Contractor shall include, and will be deemed to have included, in its base bid and contract price all applicable Michigan Sales and Use taxes which have been enacted into law as of the date the bid is submitted.

BOARD RESPONSIBILITY

The Board shall not supervise, direct or have control or authority over, nor be responsible for, the Contractor's means, methods, techniques, sequences or procedures of construction or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with laws and regulations applicable to the furnishing or performance of the work unless otherwise specified in the Special Provisions. The Board will not be responsible for the Contractor's failure to perform or furnish the work in accordance with the Contract Documents.

INDEMNIFICATION, DAMAGE LIABILITY AND INSURANCE

- A. Indemnification. The Contractor must hold harmless, indemnify, defend and represent the Board and its officers, agents and employees against any and all claims for bodily injury or property damage, or any other claim arising out of performance of the work on this contract. The Contractor will not be responsible for claims that result from the sole negligence or willful acts of said indemnitee.
- B. Workers' Compensation Insurance. The Contractor must carry the necessary Workers' Compensation Insurance and submit a certification that it carries Workers' Compensation to the Board.
- C. Bodily Injury and Property Damage. The Contractor must carry adequate insurance, satisfactory to the Board, to afford protection against all claims for damage to public or private property and injuries to persons arising out of performance of the work. Copies of completed certificates must be submitted to the Board.

- 1. General Liability, Bodily Injury and Property Damage. The Contractor must provide the following minimum limits of property damage and bodily injury liability:

Bodily Injury and Property Damage Liability:	
Each Occurrence	\$1,000,000
Aggregate	\$2,000,000

- 2. Automobile Liability, Bodily Injury and Property Damage. The Contractor must provide the following minimum limits of property damage and bodily injury liability:

Bodily Injury Liability:	
Each Person	\$500,000
Each Occurrence	\$1,000,000

Property Damage Liability:  
Each Occurrence \$1,000,000

Combined Single Limit for Bodily Injury and Property Damage Liability:  
Each Occurrence \$2,000,000

3. Umbrella Policy. The Contractor may meet the requirements of above minimum limits of bodily injury and property damage liability through an umbrella policy.
- D. Additional Insured. The Bodily Injury and Property Damage Policy must include the following endorsements, verbatim:

“Additional Insured: The Board of County Road Commissioners of the County of Monroe, the Monroe County Road Commission and its officers, agents and employees; and Bedford Township and its officers, agents and employees.”

“Provide written notice ten (10) days prior to cancellation, expiration, termination or reduction in coverage for nonpayment of the premium and written notice thirty (30) days prior to cancellation, expiration, termination or reduction in coverage for all other reasons.”
- E. Per Project Aggregate. The Bodily Injury and Property Damage Policy must be endorsed with an endorsement that provides the General Aggregate Limit to each designated construction project.
- F. Notice. The Contractor must ensure that all insurance policies and binders include an endorsement by which the insurer agrees to notify the Department in writing at least 30 days before there is a cancellation or material change in coverage. The Contractor must stop operations if any insurance is canceled or reduced, and must not resume operations until new issuance is in force.
- G. Reports. The Contractor or insurance carrier shall report to the Board any claims received, inspections made and the disposition of claims. The Board will withhold final payment release until either the Contractor pays the claim or until final disposition of the claim by the Contractor's insurance company has been received by the Board.

#### MAINTENANCE OF TRAFFIC

See the Special Provision for Maintaining Traffic attached to the proposal.

#### SPECIFICATIONS

All work not otherwise specified shall be done in accordance with the Michigan Department of Transportation 2012 Standard Specifications for Construction. Within these specifications all references to the Michigan Department of Transportation shall mean the Board. The errata to the 2012 Standard Specifications can be found on the Michigan Department of Transportation website at [www.michigan.gov/mdot](http://www.michigan.gov/mdot).

#### MATERIALS

Provide an asphalt rubber product selected from the Qualified Products List in accordance with subsection 502.02.B.2 of the Michigan Department of Transportation 2012 Standard Specifications for Construction.

The qualified asphalt rubber products on the Michigan Department of Transportation's current Material Source Guide dated March 2018 are:

- A. K-Tech 1190 by Bit-Mat Products
- B. Asphalt Rubber Plus Type 2 by Crafcoc, Inc.
- C. Deery 102 by Crafcoc, Inc.
- D. RoadSaver 221 by Crafcoc, Inc.
- E. Dura-Fill 3405 by P&T Products, Inc.

- F. 1190 by Right Pointe
- G. ColJoint ARS II by Colas Solutions, Inc.

SPECIAL PROVISIONS

The following special provisions are attached to this proposal:

- 1. Special Provision for Hot Mix Asphalt Crack Treatment and Overband Crack Fill
- 2. Special Provision for Maintaining Traffic

COMMUNICATIONS

Any questions regarding this bid shall be directed to the person listed below:

Name: Michael Smith  
Phone: 734-240-5103  
Email: MSmith@mcr-mi.org



**MONROE COUNTY ROAD COMMISSION  
2018 BEDFORD TOWNSHIP SUBDIVISIONS OVERBAND CRACK FILL**

TO: Board of County Road Commissioners of Monroe County, Michigan

The undersigned, having full knowledge of the site, proposal, plans and specifications for the **2018 Bedford Township Subdivisions Overband Crack Fill** project in Bedford Township, Monroe County, Michigan including Bidders' Addenda \_\_\_\_\_, and the conditions of these Contract Documents, hereby agrees to furnish all services, labor, materials, tools, equipment, transportation, and incidentals necessary to perform the entire Work; to complete the contract by the date specified in the Instructions to Bidders and General Provisions, according to the Proposal and Specifications; and to accept in full, compensation for all work necessary to complete the project at the unit prices named below:

UNIT PRICE WORK					
Item Code	Item Description	Approx. Quantity	Unit	Unit Price	Bid Amount
5020003	Overband Crack Fill, Lane	8.06	Lnmi	\$	\$
8127051	Maintaining Traffic	1	LSUM	\$	\$
<b>Bid Total =</b>					<b>\$</b>

Contractor Signature: \_\_\_\_\_

Printed Name and Title: \_\_\_\_\_

Quantities are not guaranteed. Final payment will be based on actual quantities.

Bidder agrees that the work will be completed and ready for final payment in accordance with the General Conditions. All work on the **2018 Bedford Township Subdivisions Overband Crack Fill** contract is to be completed by **October 19, 2018** as detailed in the Time of Completion section above.

Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the work on time.

Communications concerning this Bid shall be addressed to the Bidder's representative.

Name of Representative: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, ZIP: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

The terms used in this Bid, which are defined in subsection 101.03 of the Michigan Department of Transportation 2012 Standard Specifications of the Construction, have the meanings assigned to them in the Standard Specifications for Construction.

SUBMITTED on: \_\_\_\_\_, 2018

If Bidder is:

An Individual

By: \_\_\_\_\_(SEAL)  
Individual's Name

Doing Business As: \_\_\_\_\_

Business Address: \_\_\_\_\_  
\_\_\_\_\_

Phone No: \_\_\_\_\_

A Partnership

By: \_\_\_\_\_(SEAL)  
Firm Name

\_\_\_\_\_  
General Partner

Business Address: \_\_\_\_\_  
\_\_\_\_\_

Phone No.: \_\_\_\_\_

A Corporation

By: \_\_\_\_\_ (Corporate SEAL)  
Corporate Seal

\_\_\_\_\_  
State of Incorporation

By: \_\_\_\_\_  
Name of Person Authorized to Sign

\_\_\_\_\_  
Title

Business Address: \_\_\_\_\_

\_\_\_\_\_

Phone No.: \_\_\_\_\_

A Joint Venture

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

Business Address: \_\_\_\_\_

\_\_\_\_\_

Phone No.: \_\_\_\_\_

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

Business Address: \_\_\_\_\_

\_\_\_\_\_

Phone No.: \_\_\_\_\_

(Each joint venture must sign. The manner of signing for each individual, partnership and corporation that is a party to the joint venture should be in the manner indicated above.)

**2018 BEDFORD TOWNSHIP SUBDIVISIONS OVERBAND CRACK FILL  
PROPOSAL ATTACHMENTS**

1. Special Provision for Hot Mix Asphalt Crack Treatment and Overband Crack Fill
2. Special Provision for Maintaining Traffic
3. Location Maps

MICHIGAN  
DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION  
FOR  
**HOT MIX ASPHALT CRACK TREATMENT AND OVERBAND CRACK FILL**

CFS:EMC

1 of 2

APPR:KPK:DBP:06-23-16  
FHWA:APPR:06-23-16

**a. Description.** The work consists of treating cracks in hot mix asphalt (HMA) surfaces using either a saw or rout and seal process or an overband process.

**b. Materials.** Provide materials in accordance with subsection 502.02 of the Standard Specifications for Construction with the following modification:

1. Delete subsection 502.02.B.1 of the Standard Specifications for Construction.

**c. Construction.** Ensure all construction is in accordance with subsection 502.03 of the Standard Specifications for Construction with the following modification:

1. Delete the second sentence of the second paragraph of subsection 502.03.D.2 of the Standard Specifications for Construction and replace with the following: "Apply overband 4 inches wide,  $\pm 1/4$  inch and from  $1/8$  inch to  $3/16$  inch thick."

2. Add the following to the end of subsection 502.03.D.2.b. of the Standard Specifications for Construction: "Allow to cure for a minimum of 3 days prior to placement of micro-surface."

3. Add the following to the end of subsection 502.03.D.2.c of the Standard Specifications for Construction: "Allow curing for a minimum of 7 days prior to placement of chip seal."

4. Add the following to the end of subsection 502.03.D.2.d of the Standard Specifications for Construction: "Allow to cure for a minimum of 14 days prior to placement of Paver Placed Surface seal."

5. Add the following to the end of subsection 502.03.D.2.e of the Standard Specifications for Construction: "Allow to cure for a minimum of 14 days prior to placement of HMA Ultra-thin Overlay."

**d. Measurement and Payment.** Delete subsection 502.04 of the Standard Specifications for Construction, in its entirety and replace it with the following:

**502.04 Measurement and Payment.**

Pay Item	Pay Unit
Overband Crack Fill, Lane .....	Lane Mile
Overband Crack Fill, Ramp .....	Lane Mile
HMA Crack Treatment, Lane .....	Lane Mile
HMA Crack Treatment, Ramp .....	Lane Mile

A. **Overband Crack Fill.** The Engineer will measure **Overband Crack Fill, Lane** along the centerline of each lane. This measurement includes the traffic lane, as defined in the Lane Mile Inventory, and any adjacent paved shoulders.

The Engineer will measure **Overband Crack Fill, Ramp** along the ramp centerline beginning at the 2-foot gore point including shoulders.

The unit prices for **Overband Crack Fill**, of the type required, include the cost of preparing and filling the cracks using the overband method, providing the required documentation, corrective work, and temporary traffic markings.

B. **HMA Crack Treatment.** The Engineer will measure **HMA Crack Treatment, Lane** along the centerline of each lane. This measurement includes traffic lanes, as defined in the Lane Mile Inventory, and paved shoulders. The Engineer will measure **HMA Crack Treatment, Ramp** along the ramp centerline beginning at the 2-foot gore point including shoulders.

The unit price for **HMA Crack Treatment**, of the type required, includes the cost of preparing, filling and sealing the cracks, including treating working cracks with the saw or rout and seal method, and treating non-working cracks with the overband method.

MONROE COUNTY ROAD COMMISSION

SPECIAL PROVISION  
FOR  
**MAINTAINING TRAFFIC**

MCRC:MLS

1 of 2

06-05-18

**a. Description.** Maintain traffic in accordance with the Michigan Manual of Uniform Traffic Devices (MMUTCD) 2011 Edition (as revised), Sections 104.11, 812 and 922 of the Michigan Department of Transportation 2012 Standard Specifications for Construction, as applicable, and as herein stated and as directed by the Engineer.

**b. Construction Influence Area.** The Construction Influence Area (CIA) shall consist of the width of the existing right-of-way from the project point of beginning to the point of ending. The CIA shall extend a sufficient distance in each direction beyond the project beginning and ending to warn motorists of construction ahead per the appropriate Maintaining Traffic Typical. In addition, the CIA shall include the rights-of-way of any intersecting streets adjacent of the work zone for a distance of approximately 500 feet.

**c. General.** The Contractor shall be responsible for the protection of vehicular and pedestrian traffic, work in progress and construction workers in the CIA through the implementation of procedures as described in this proposal, the MMUTCD, the Standard Specifications for Construction and other applicable state and federal requirements.

The Contractor shall be responsible for notifying residents to move parked vehicles and/or towing vehicles as necessary to complete the work.

**d. Traffic Restrictions.** Two-way traffic, with a minimum of one lane of traffic, shall be maintained at all times utilizing lane closures and flag control.

Advance warnings signs shall consist of, at a minimum, Road Work Ahead (W20-1) and Traffic Regulator Symbol (W20-7a) signs.

All work shall be conducted during normal daytime hours unless otherwise approved by the Engineer. Normal daytime hours are considered to be Monday through Saturday from 7 a.m. to 7 p.m.

No work shall be performed during the Independence Day or Labor Day holiday weekends as defined by the Engineer.

**e. Traffic Control Devices.** All traffic control devices and their usage shall conform to the Michigan Manual on Uniform Traffic Control Devices (MMUTCD) 2011 Edition and as specified herein.

Channelizing devices for lane closures shall be traffic cones with a minimum height of 28 inches.

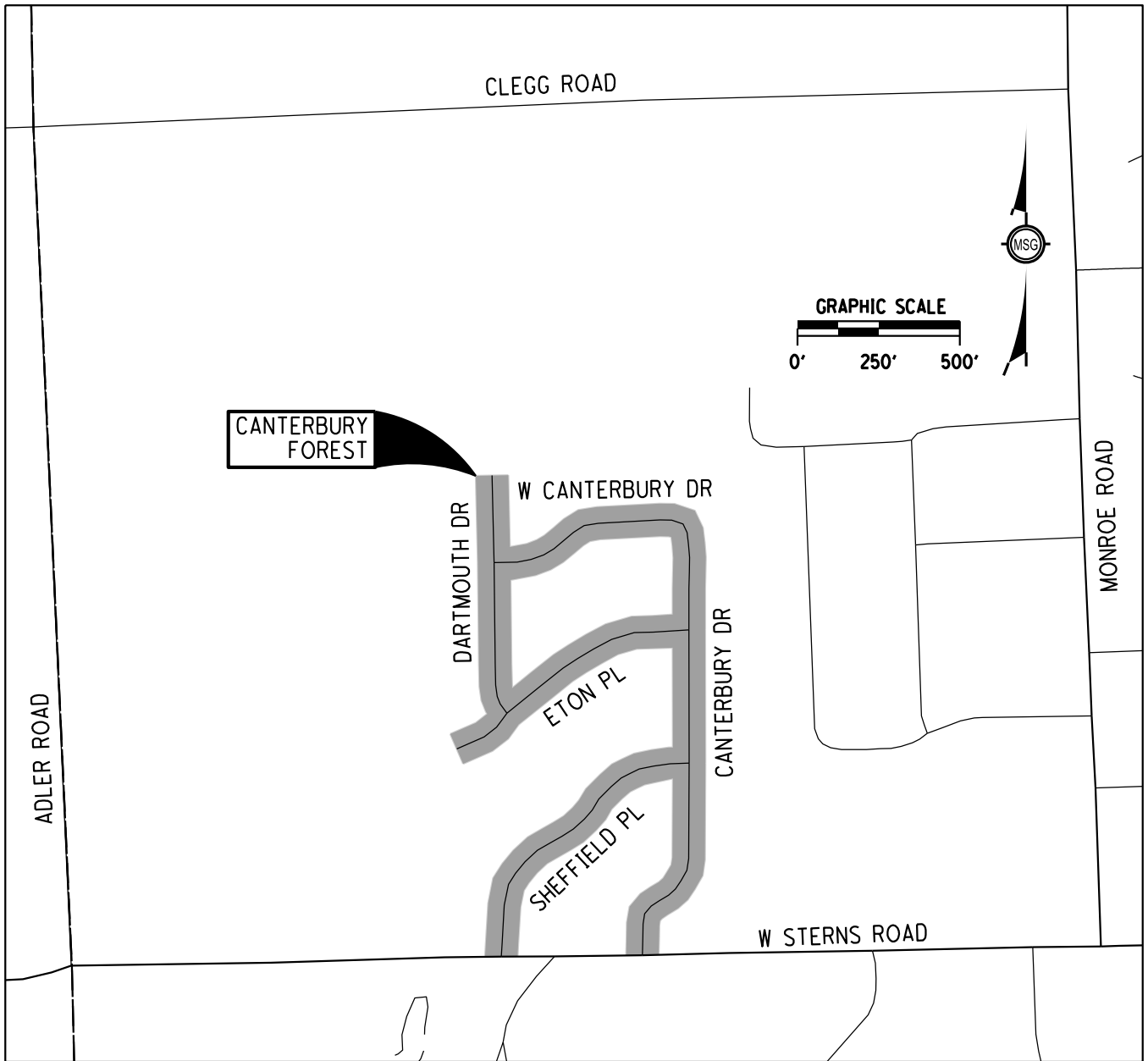


**f. Measurement and Payment.** The completed work, as described, will be measured and paid for at the contract unit price using the following pay item:

<b>Pay Item</b>	<b>Pay Unit</b>
Maintaining Traffic.....	Lump Sum

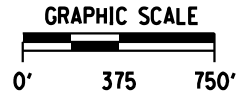
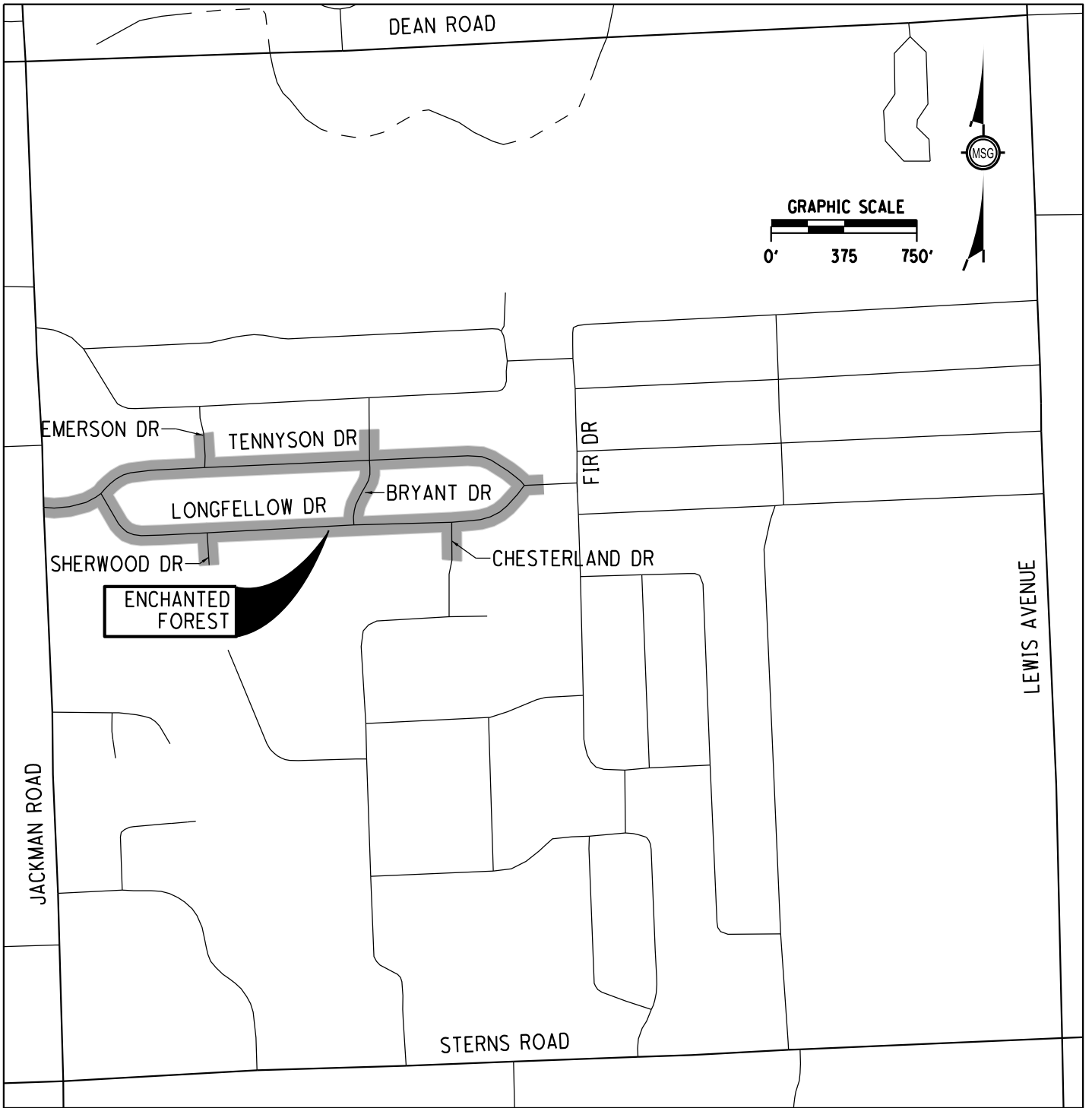
The unit price for **Maintaining Traffic** includes the cost of the following:

1. Providing, installing, maintaining, relocating and removing temporary signs;
2. Providing, installing, maintaining, relocating and removing traffic cones;
3. Providing personnel and equipment for traffic regulator control;
4. Maintaining local traffic; and
5. Notifying residents to move parked vehicles and/or towing vehicles as necessary to complete the work.



Canterbury Forest Subdivision						
Road Name	From	To	Width (Feet)	Length (Mile)	Lanes	Overband Crack Fill Quantity (Lane-Mile)
Sheffield Pl	W Sterns Rd	Canterbury Dr	26	0.18	2	0.36
Canterbury Dr	W Sterns Rd	Dartmouth Dr	26	0.38	2	0.76
Eton Pl	190' W of Dartmouth Dr	Canterbury Dr	26	0.16	2	0.32
Dartmouth Dr	Eton Pl	270' N of Dartmouth Dr	26	0.14	2	0.28
Canterbury Forest Subdivision =						1.72

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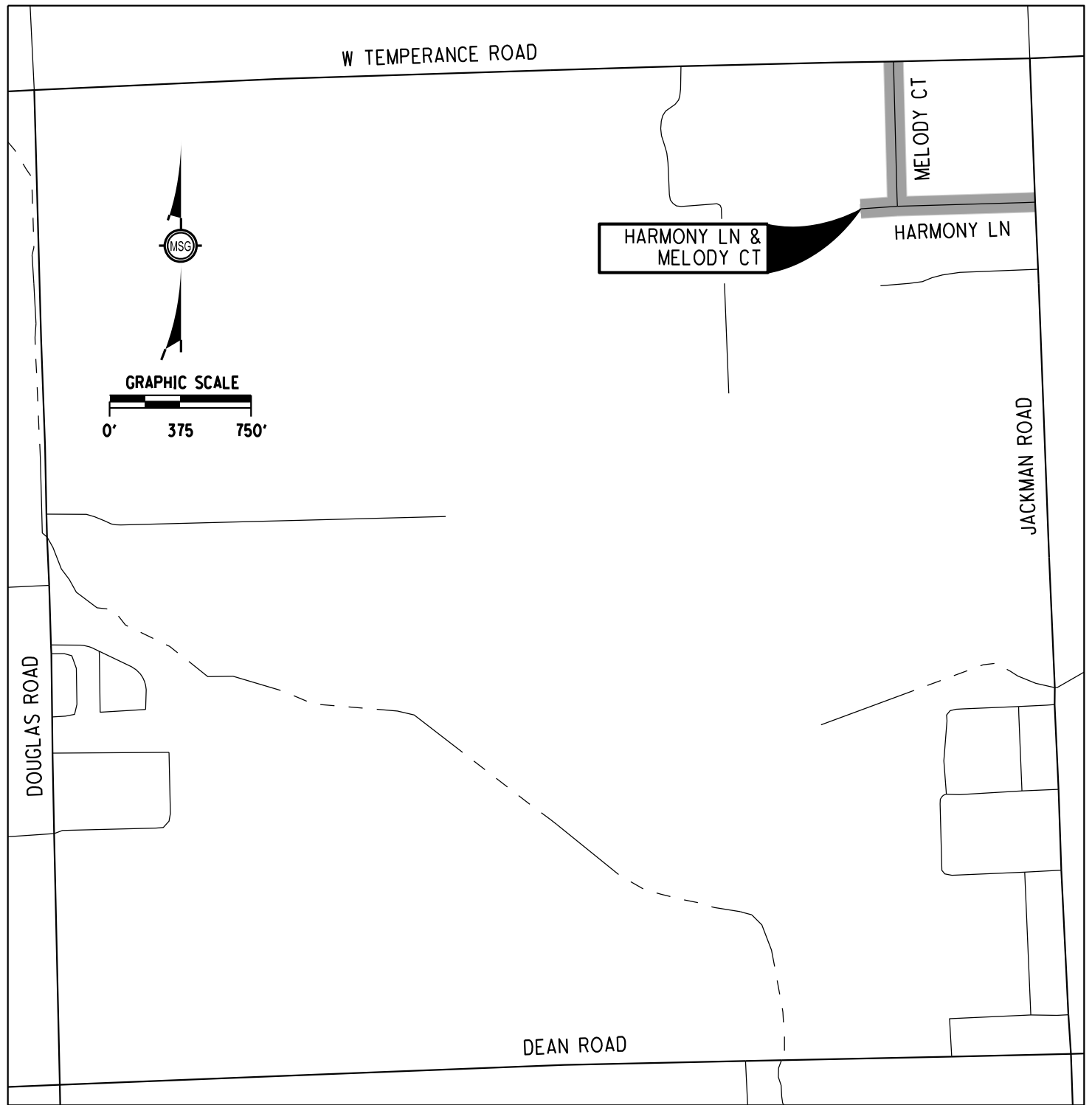
Enchanted Forest Subdivision						
Road Name	From	To	Width (Feet)	Length (Mile)	Lanes	Overband Crack Fill Quantity (Lane-Mile)
Tennyson Dr	Jackman Rd	100' E of Longfellow Dr	Varies 18-22	0.49	2	0.98
Longfellow Dr	Tennyson Dr	Tennyson Dr	18	0.45	2	0.90
Emerson Dr	Tennyson Dr	190' N of Tennyson Dr	18	0.03	2	0.06
Sherwood Dr	170' S of Longfellow Dr	Longfellow Dr	18	0.03	2	0.06
Bryant Dr	Longfellow Dr	170' N of Tennyson Dr	18	0.10	2	0.20
Chesterland Dr	160' S of Longfellow Dr	Longfellow Dr	18	0.03	2	0.06
Enchanted Forest Subdivision =						2.26



**PROJECT**  
**2018 BEDFORD TOWNSHIP SUBDIVISIONS**  
**OVERBAND CRACK FILL**

**LOCATION**  
**ENCHANTED FOREST**  
**SUBDIVISION**

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### Harmony Ln & Melody Ct

Road Name	From	To	Width (Feet)	Length (Mile)	Lanes	Overband Crack Fill Quantity (Lane-Mile)
Melody Ct	Harmony Ln	W Temperance Rd	21	0.14	2	0.28
Harmony Ln	200' W of Melody Ct	Jackman Rd	20	0.18	2	0.36
Harmony Ln & Melody Ct =						0.64

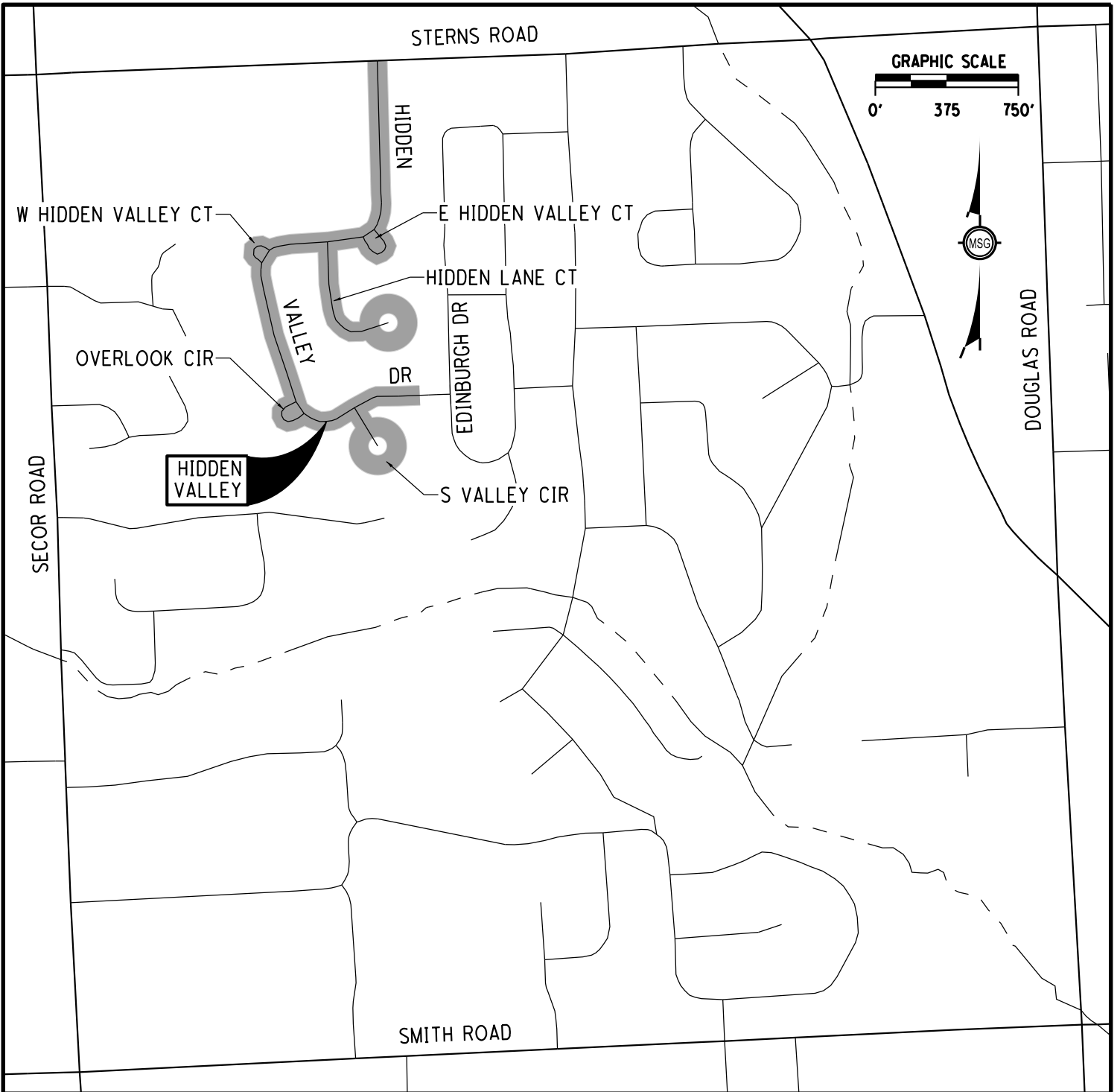


**PROJECT**  
 2018 BEDFORD TOWNSHIP SUBDIVISIONS  
 OVERBAND CRACK FILL

**LOCATION**  
 HARMONY LN &  
 MELODY CT

3  
5

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### Hidden Valley Subdivision

Road Name	From	To	Width (Feet)	Length (Mile)	Lanes	Overband Crack Fill Quantity (Lane-Mile)
Hidden Valley Dr	160' W of Edinburgh Dr	W Sterns Rd	22	0.60	2	1.20
E Hidden Valley Ct	Hidden Valley Dr	Hidden Valley Dr	22	0.06	2	0.12
Hidden Lane Ct	Hidden Valley Dr	720' S of Hidden Valley Dr	22	0.14	2	0.28
W Hidden Valley Ct	Hidden Valley Dr	Hidden Valley Dr	22	0.04	2	0.08
Overlook Cir	Hidden Valley Dr	Hidden Valley Dr	22	0.05	2	0.10
S Valley Cir	Hidden Valley Dr	240' S of Hidden Valley Dr	22	0.05	2	0.10
Hidden Valley Subdivision =						1.88

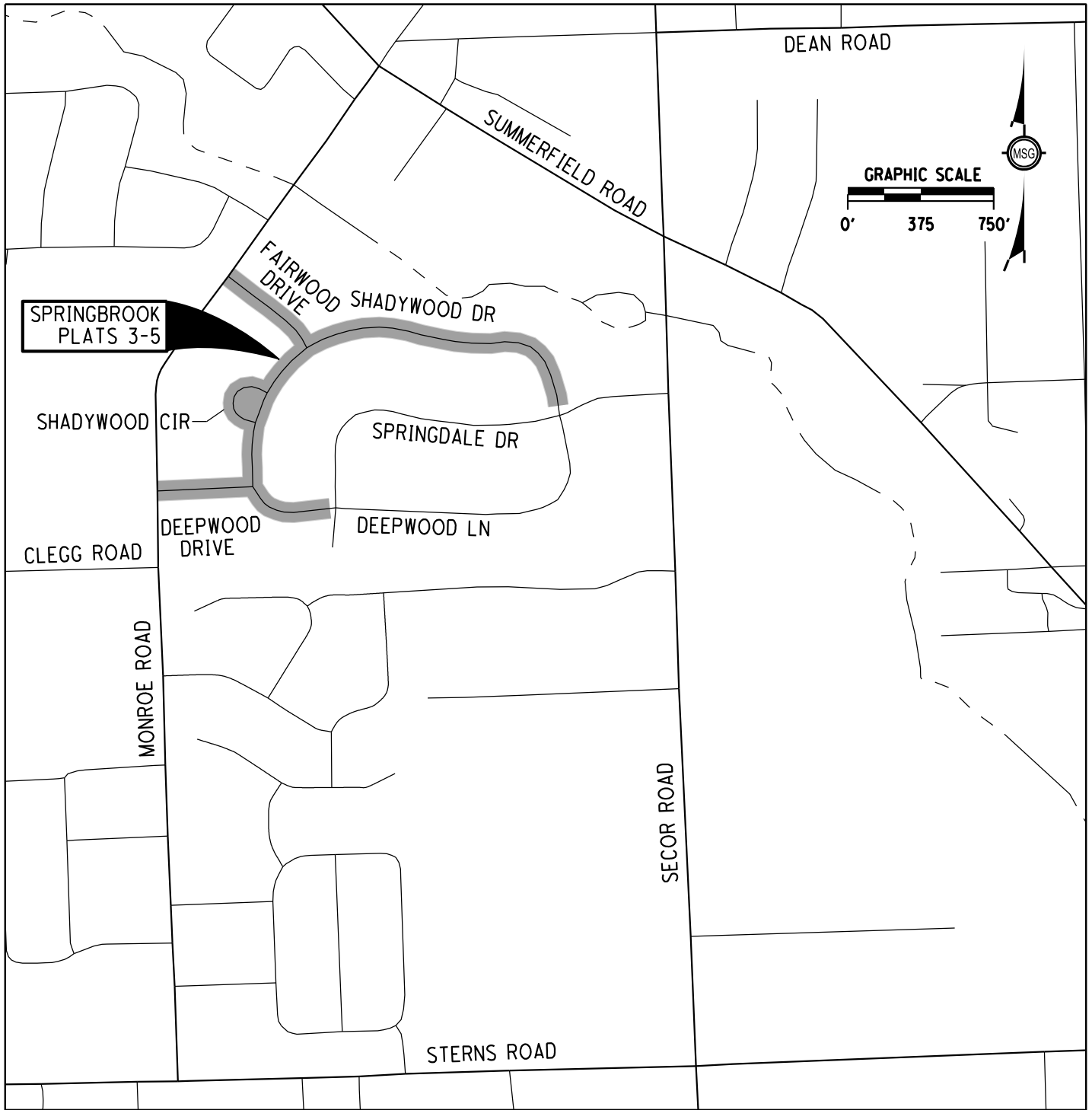


**PROJECT**  
**2018 BEDFORD TOWNSHIP SUBDIVISIONS**  
**OVERBAND CRACK FILL**

**LOCATION**  
**HIDDEN VALLEY**  
**SUBDIVISION**

6/8/2018

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### Springbrook Plats 3-5

Road Name	From	To	Width (Feet)	Length (Mile)	Lanes	Overband Crack Fill Quantity (Lane-Mile)
Fairwood St	Monroe Rd	Shadywood Dr	22	0.10	2	0.20
Shadywood Dr	30' W of Springdale Dr	50' N of Springdale Dr	22	0.51	2	1.02
Deepwood Dr	Monroe Rd	Shadywood Dr	22	0.09	2	0.18
Shadywood Cir	Shadywood Dr	Shadywood Dr	22	0.08	2	0.16
Springbrook Plats 3-5 =						1.56



**PROJECT**  
**2018 BEDFORD TOWNSHIP SUBDIVISIONS**  
**OVERBAND CRACK FILL**

**LOCATION**  
**SPRINGBROOK**  
**PLATS 3-5**