

# EATON COUNTY ROAD COMMISSION

## SPECIFICATIONS FOR 2015 OVERBAND CRACK FILL

MMH

1 of 2

7-8-15

### **DESCRIPTION**

The work item of Overband Crack Fill, Lane and Overband Crack Fill, Subdivision shall follow Section 502 of the 2012 MDOT Standard Specifications for Construction and as modified herein.

### **OVERBAND CRACK FILL, INTERSECTION, SPECIAL**

The intersection of Creyts Road, Willow Highway, Webster Road, and Piney Point Drive shall be crack filled in accordance with Section 502 of the 2012 MDOT Standard Specifications for Construction. The limits of overband crack fill at the intersection are to the spring points on all 5 legs of the intersection. Work to be paid for as Overband Crack Fill, Intersection, Special – Lump Sum.

The Road Commission reserves the right to add other multi lane intersections as stand-alone projects during the contract. Additional stand alone intersection projects shall be crack filled to the spring point of all legs of the intersection. Each stand along intersection will be measured and paid for at the lump sum price bid for Overband Crack Fill, Intersection, Special – Lump sum.

### **SCHEDULE**

All work shall be completed by October 1, 2015. The Contractor shall provide 72 hours notice to the Engineer prior to beginning work on any stretch of road.

### **INSURANCE**

The contractor shall provide adequate insurance coverage and will provide the Eaton County Road Commission with a certificate of insurance satisfactory to the Board. The contractor shall save harmless of The Eaton County Road Commission and its Employees against all claims for damages to public or private property for injuries arising out of and during the progress of the work and to the completion of the work. Contractor will meet the insurance requirement set forth in Section 1.07.10 of the 2012 MDOT Standard Specifications for Construction.

### **CONTRACT AND AWARD**

This contract shall be for work in 2015, and the unit prices bid shall remain firm until December 1, 2015 for all projects designated by the Road Commission.

The Board reserves the right to cancel any of the lane miles and/or to add lane miles to the contract. Any such cancellations or additions shall not change the unit prices bid in each township, and all unit prices shall remain firm until completion of the contract.

### **BID SECURITY**

Bid Security shall be made payable to the Board of Eaton County Road Commissioners in an amount of Five Thousand Dollars (\$5,000), in the form of a certified or cashiers check on an open solvent bank. BID BONDS WILL NOT BE CONSIDERED ACCEPTABLE BID SECURITY. The Bid Security of the successful bidder will be retained until such bidder has executed the contract, whereupon it will be returned. If the successful bidder fails to execute and deliver the contract within fifteen days of the notice of award, the Road Commission may annul the notice of

award and the Bid Security of that bidder will be forfeited. The Bid Security of any bidder whom the Road Commission believes to have a reasonable chance of receiving the award may be retained for thirty days after the bid opening. Bid Security of other bidders will be returned promptly.

#### **MEASUREMENT AND PAYMENT**

The unit price for Overband Crack Fill, Lane, Overband Crack Fill, Subdivision, and Overband Crack Fill, Intersection include the cost of preparing and filling the cracks using the overband method, providing the required documentation, and corrective work.

**Overband Crack Fill, Lane** will be measured by the mile along the centerline of each lane. Turn lanes will be measured and paid for as separate lanes. Lane tapers will be paid for from the beginning of the taper to the end of the taper as  $\frac{1}{2}$  of a lane. Paved shoulders will be included in the payment for the adjacent lane. All lanes shall be crack filled through intersections.

**Overband Crack Fill, Subdivision** will be measured along the centerline of the subdivision street. This will include the full width of the pavement surface from edge of asphalt to edge of asphalt. Cul-de-sacs will be measured along the diameter of the cul-de-sac.

**Overband Crack Fill, Intersection** will be measured and paid for at the lump sum. Payment shall include all work, labor, materials, equipment, and traffic control to perform overband crack fill within the intersection limits described.

**EATON COUNTY ROAD COMMISSION  
SPECIAL PROVISION  
FOR  
MAINTAINING TRAFFIC**

MMH

1 of 2

7/6/15

**General**

Traffic shall be maintained along the intersecting roadways throughout the project in accordance with Sections 104.07, 104.11, 811, 812 of the Standard Specifications for Construction, including any supplemental specifications, and as herein specified.

The Contractor shall notify the Project Engineer a minimum of 72 business hours prior to the implementation of any detour or lane closure.

The proposed project will be open to traffic. Advance signage will be per MDOT Typical M0050a including the G20-2 sign. These signs will be placed as directed by the Engineer. Traffic will be maintained with traffic regulator control using MDOT Maintaining Traffic Typical M0150a, M0240a, M0270a, or M0400a, and the MMUTCD.

**Construction Influence Area (CIA)**

The construction influence area (CIA) shall consist of the width of each route's right-of-way and sufficient distance before each project to install traffic control.

**Traffic Restrictions**

1. Two-way traffic shall be maintained at all times on all roads using traffic regulator control where necessary. A traffic regulator control sequence will be allowed to cover a maximum of two (2) miles. The arrow panel, signs and channelizing tapers for the traffic regulator control operation shall be placed at locations approved by the Engineer for adequate visibility by oncoming traffic.
2. All work shall be conducted during daylight hours only.
3. Access to all side streets and driveways shall be maintained at all times.
4. Once work is initiated that includes any lane restrictions, that work shall be continuous until completed. A lack of work activity for more than one (1) hour will require the removal and replacement of lane restrictions at the Contractor's expense.
5. Intermediate traffic regulators will be required at intersections shall have "Traffic Regulator Symbol" (W20-7a) advance warning signs shall be in place on the side road, along with the required "Road Work Ahead" (W20-1) signs.

TRAFFIC CONTROL DEVICES

All signs, warning lights, barricades and all other traffic control devices, methods, and procedures shall be in accordance with the 2011 revision of the Michigan Manual of Uniform Traffic Control Devices (MMUTCD), and as specified herein.

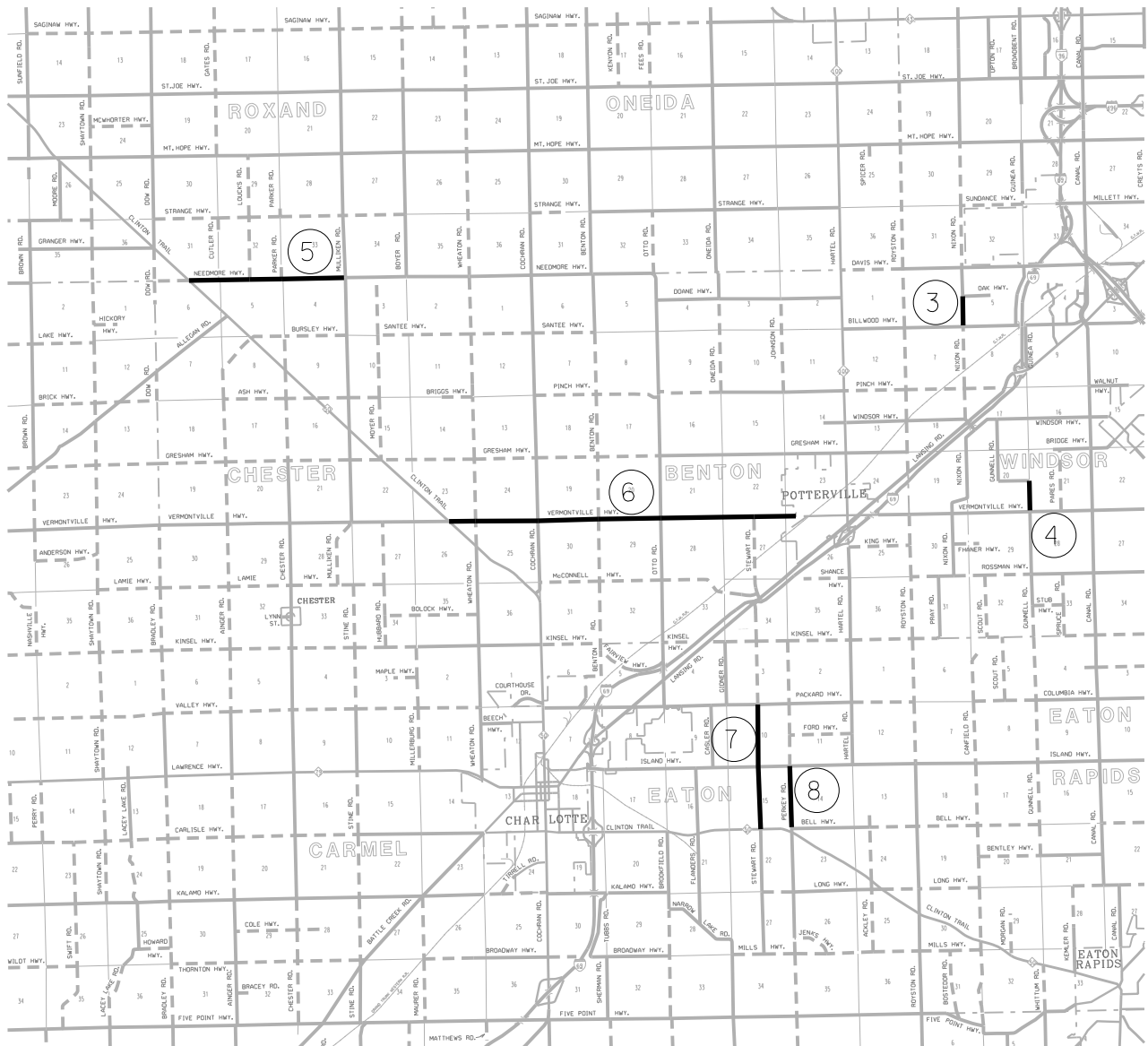
MEASUREMENT AND PAYMENT

All Traffic Control will be paid for by the lump sum. 25% of the traffic control bid price will be paid after each quarter of the lane miles have been completed and are entirely open to traffic.

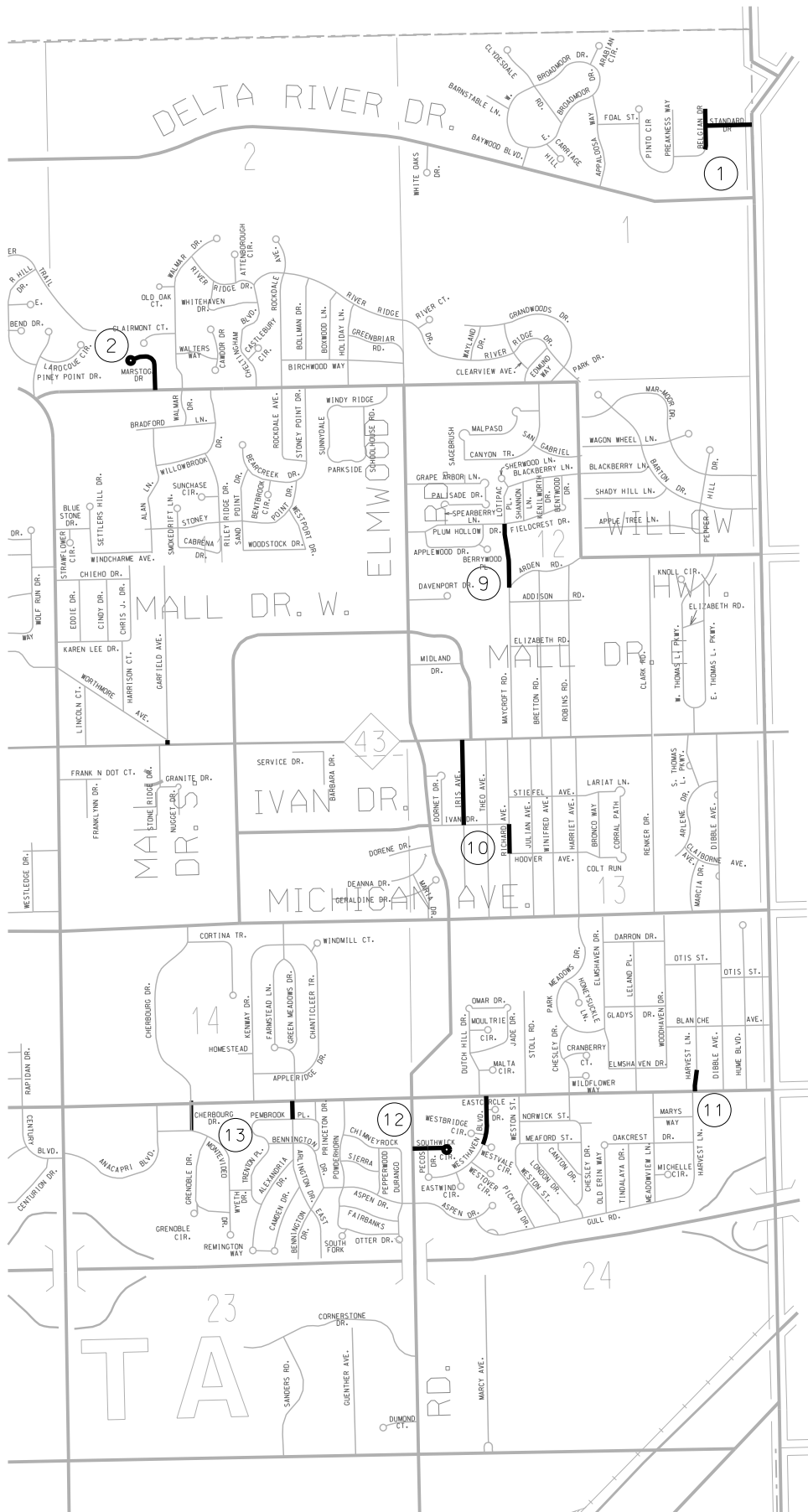
# EATON COUNTY ROAD COMMISSION 2015 OVERBAND CRACK FILL CONTRACT A

— PROPOSED OVERBAND CRACK FILL

- ① NIXON ROAD  
BILLWOOD TO OAK  
1.0 LNMI
- ② GUNNELL ROAD  
VERMONTVILLE TO CURVE  
1.0 LNMI
- ③ PERKEY ROAD  
BELL TO ISLAND  
2.0 LNMI
- ④ NEEDMORE HIGHWAY  
M-50 TO MULLIKEN  
5.0 LNMI
- ⑤ VERMONTVILLE HIGHWAY  
M-50 TO POTTERVILLE V.L.  
11.0 LNMI
- ⑥ STEWART ROAD  
M-50 TO PACKARD  
4.0 LNMI



# EATON COUNTY ROAD COMMISSION 2015 OVERBAND CRACK FILL CONTRACT B

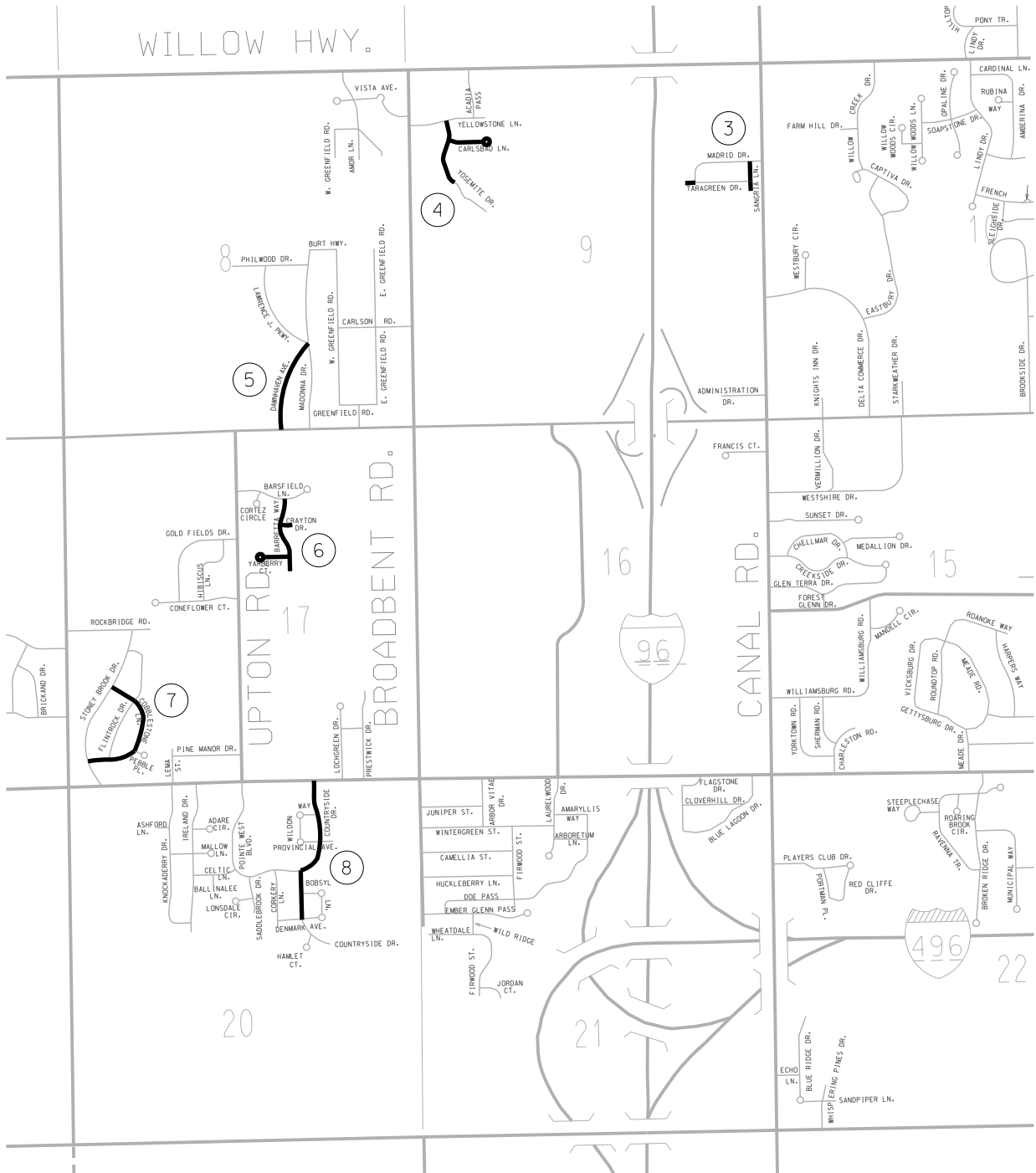


— PROPOSED OVERBAND CRACK FILL

7/1/15

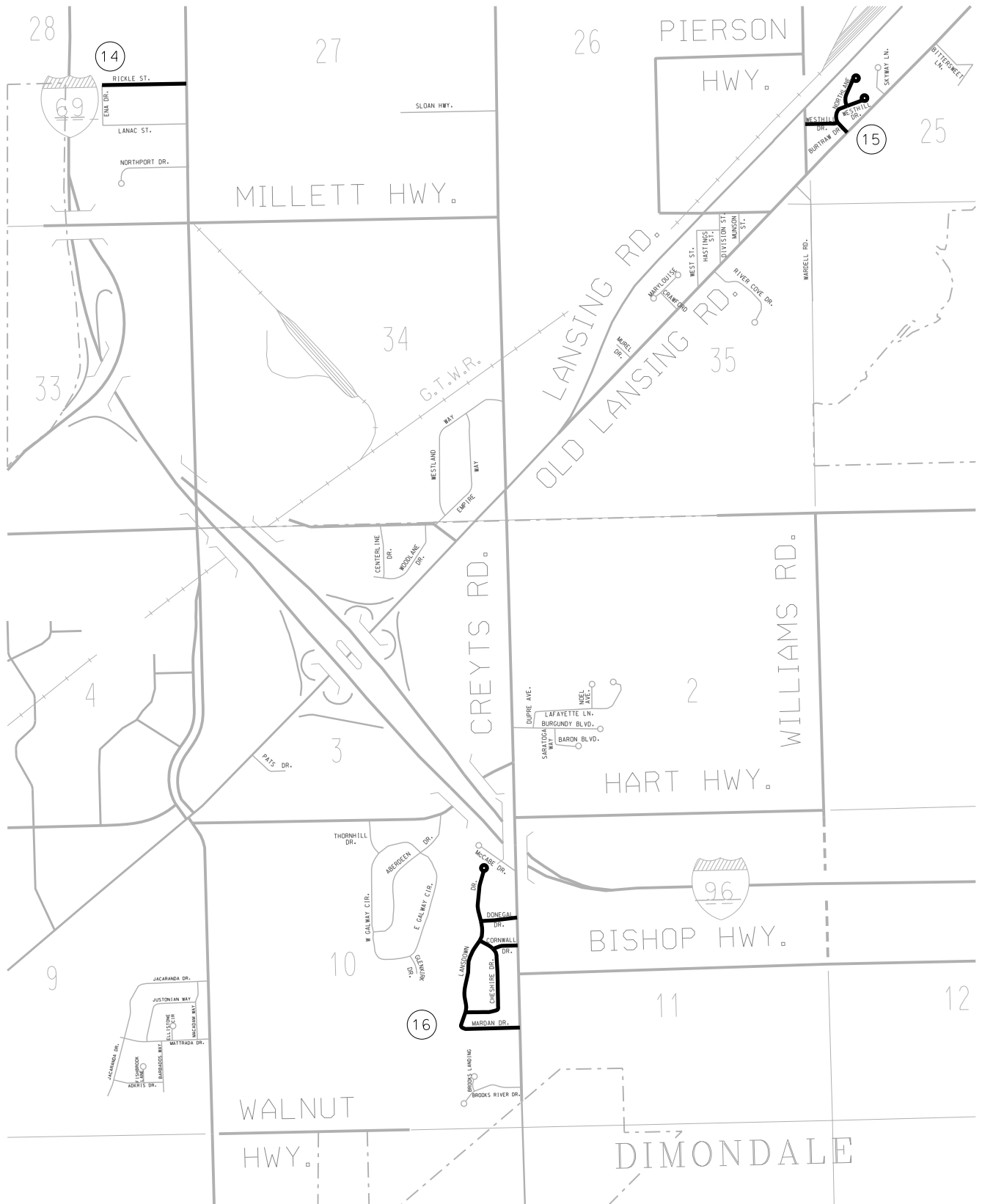
# EATON COUNTY ROAD COMMISSION 2015 OVERBAND CRACK FILL CONTRACT B

— PROPOSED OVERBAND CRACK FILL



EATON COUNTY ROAD COMMISSION  
2015 OVERBAND CRACK FILL  
CONTRACT B

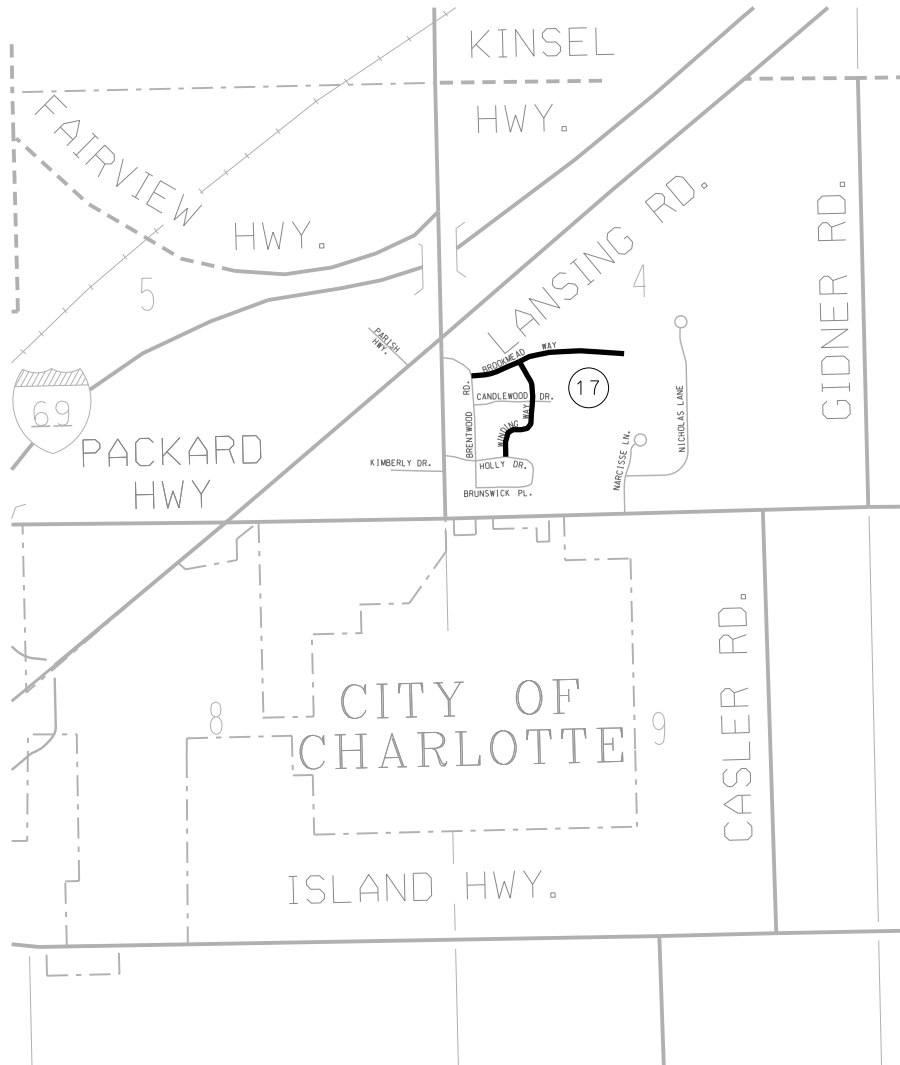
— PROPOSED OVERBAND CRACK FILL





EATON COUNTY ROAD COMMISSION  
2015 OVERBAND CRACK FILL  
CONTRACT B

— PROPOSED OVERBAND CRACK FILL



EATON COUNTY ROAD COMMISSION  
2015 OVERBAND CRACK FILL  
CONTRACT B

- |   |   |   |
|---|---|---|
| ① SARATOGA WOODS<br>STANDARD DRIVE<br>BELGIAN DRIVE - PARTIAL<br>.27 MI | ⑦ STONEY BROOK FARMS<br>COBBLESTONE RD<br>.35 MI          | ⑬ WILLIAMSBURG<br>CHERBOURG DR<br>ARLINGTON DR<br>0.19 MI   |
| ② WEST WILLOW HEIGHTS<br>MARSTOGA DR<br>.17 MI                          | ⑧ COUNTRYSIDE EAST<br>COUNTRYSIDE DR<br>.42 MI            | ⑭ DELTA INDUSTRIAL PARK<br>RICKLE ST<br>.27 MI  |
| ③ WESTCHARME ESTATES<br>SANGRIA LN<br>TARAGREEN DR- PARTIAL<br>.12 MI   | ⑨ SHERWOOD DOWNS<br>MAYCROFT RD<br>0.25 MI                | ⑮ HYDE PARK<br>WESTHILL DR<br>NORTHLANE DR<br>BURTRAW DR<br>.46 MI                                |
| ④ SHADOW GLEN<br>YOSEMITE DR<br>CARLSBAD LN<br>.36 MI                   | ⑩ HOMEDALE<br>RICHARD AVE<br>IRIS AVE<br>0.25 MI          | ⑯ WINDSOR GLEN<br>LANSDOWN DR<br>MARDAN DR<br>CHESHIRE DR<br>CORNWALL DR<br>DONEGAL DR<br>1.18 MI |
| ⑤ DAWN HAVEN<br>DAWNHAVEN AVE<br>.27 MI                                 | ⑪ HUNTINGTON ACRES<br>HARVEST LN<br>0.08 MI               | ⑰ BLAIR ACRES<br>BROOKMEAD WAY<br>WINDING WAY<br>.47 MI   |
| ⑥ FOX RIDGE<br>BARRETA WAY<br>CRAYTON DR<br>YARBERRY CT<br>.35 MI       | ⑫ WESTBROOK<br>SOUTHWICK CIR<br>WESTHAVEN BLVD<br>0.34 MI |   |

# EATON COUNTY ROAD COMMISSION 2015 OVERBAND CRACK FILL CONTRACT C

— PROPOSED OVERBAND CRACK FILL

- ① ELMWOOD ROAD  
M-43 TO WILLOW  
5.06 LNMI
- ② WILLOW HWY  
G.L. CITY LIMITS TO  
CANAL  
INCLUDING ROUNDABOUT  
8.0 LNMI
- ③ CREYTS/WILLOW/WEBSTER  
INTERSECTION  
--- LNMI

INCLUDE 4 LEGS OF  
INTERSECTION TO  
SPRING POINTS

CREYTS/WILLOW/WEBSTER  
INTERSECTION

INCLUDING ROUNDABOUT  
AND APPROACHES



**EATON COUNTY ROAD COMMISSION  
2015 HMA Overband Crack Fill  
BID BLANK  
CONTRACT A**

ROAD	TO	FROM	LANE MILES	UNIT PRICE	TRAFFIC CONTROL	TOTAL AMOUNT
(lump sum)						
Vemontville	M-50	Potterville V.L.	11 Lnmi	\$ _____	\$ _____	\$ _____
Needmore	M-50	Mulliken	5 Lnmi	\$ _____	\$ _____	\$ _____
Stewart	M-50	Packard	4 Lnmi	\$ _____	\$ _____	\$ _____
Nixon Rd	Billwood	Oak	1 Lnmi	\$ _____	\$ _____	\$ _____
Gunnell Rd	Vemontville	curve	1 Lnmi	\$ _____	\$ _____	\$ _____
Perkey	Bell	Island	2 Lnmi	\$ _____	\$ _____	\$ _____
<b>GRAND TOTAL BID \$</b>						<b>_____</b>

Company Name \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Phone # \_\_\_\_\_ Fax # \_\_\_\_\_

Signed by \_\_\_\_\_

07/06/2015

Date \_\_\_\_\_

**EATON COUNTY ROAD COMMISSION  
2015 HMA Overband Crack Fill  
BID BLANK  
CONTRACT B**

SUBDIVISION	ROADS	LANE MILES	UNIT PRICE	TRAFFIC CONTROL (lump sum)	TOTAL AMOUNT
Saratoga Woods	Standard Dr Belgian Dr.	0.27	\$ _____	\$ _____	\$ _____
West Willow Heights	Marstoga Dr.	0.17	\$ _____	\$ _____	\$ _____
Westcharme Estates	Sangria Ln. Taragreen Dr.	0.12	\$ _____	\$ _____	\$ _____
Shadow Glen	Yosemite Dr. Carlsbad Ln.	0.36	\$ _____	\$ _____	\$ _____
Dawn Haven	Dawnhaven Ave.	0.27	\$ _____	\$ _____	\$ _____
Fox Ridge	Barreta Way Crayton Dr. Yarberry Ct.	0.35	\$ _____	\$ _____	\$ _____
Stoney Brook Farms	Cobblestone Rd.	0.35	\$ _____	\$ _____	\$ _____
Countryside East	Countryside Dr.	0.42	\$ _____	\$ _____	\$ _____
Sherwood Downs	Maycroft Rd.	0.25	\$ _____	\$ _____	\$ _____
Homedale	Richard Ave. Iris Ave.	0.25	\$ _____	\$ _____	\$ _____
Huntington Acres	Harvest Ln.	0.08	\$ _____	\$ _____	\$ _____
Westbrook	Southwick Cir. Westhaven Blvd	0.34	\$ _____	\$ _____	\$ _____
Williamsburg	Cherbourg Dr.	0.19	\$ _____	\$ _____	\$ _____

**EATON COUNTY ROAD COMMISSION  
2015 HMA Overband Crack Fill  
BID BLANK  
CONTRACT B**

SUBDIVISION	ROADS	LANE MILES	UNIT PRICE	TRAFFIC CONTROL (lump sum)	TOTAL AMOUNT
	Arlington Dr.				
Delta Industrial Park	Rickle St.	0.27	\$ _____	\$ _____	\$ _____
Hyde Park	Westhill Dr. Northlane Dr. Burtraw Dr.	0.46	\$ _____	\$ _____	\$ _____
Windsor Glen	Lansdown Dr. Mardan Dr. Cheshire Dr. Cornwall Dr. Donegal Dr.	1.18	\$ _____	\$ _____	\$ _____
Blair Acres	Brookmead Way Winding Way	0.47	_____	\$ _____	\$ _____
<b>GRAND TOTAL BID</b>					<b>\$ _____</b>

Company Name \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Phone # \_\_\_\_\_

Fax # \_\_\_\_\_

Signed by \_\_\_\_\_

Date \_\_\_\_\_

**EATON COUNTY ROAD COMMISSION  
 2015 HMA Overband Crack Fill  
 BID BLANK  
 CONTRACT C**

ROAD	TO	FROM	LANE MILES	UNIT PRICE	TRAFFIC CONTROL	TOTAL AMOUNT
<b>(lump sum)</b>						
Elmwood	M-43	Willow	5.06 Lnmi	\$ _____	\$ _____	\$ _____
Willow Hwy	G.L. City	Canal (incl. R.O.B.)	8 Lnmi	\$ _____	\$ _____	\$ _____
<u>Overband Crack Fill, Intersection</u>						
Creyts, Webster, Willow, Piney Point Intersection			Lump 1 Sum	\$ _____	\$ _____	\$ _____
<b>GRAND TOTAL BID \$</b>						<b>_____</b>

Company Name \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Phone # \_\_\_\_\_

Fax # \_\_\_\_\_

Signed by \_\_\_\_\_

Date \_\_\_\_\_

07/08/2015