

REQUEST FOR BIDS

FY 2019 Streets Mill and Fill



Department of Public Services

1015 S Lincoln Avenue

Three Rivers, MI 49093

(269) 273-1845

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Bidding Information

Performance Bids

The City of Three Rivers is committed to the concept of performance bids. All vendors are encouraged to submit bids which conform to the stated specifications, as well as, suggest deviations from the specifications, which in the vendor's opinion would be beneficial to the City in terms of price and performance. The City reserves the right to accept or reject any bid under these terms.

I. Instructions

- A. Bids must be typewritten or clearly printed in ink and signed by a duly-authorized representative of the firm submitting the quote.
- B. Bids must be submitted in sealed envelopes, clearly marked on the outside, "**Bids for FY 2019 Streets Mill and Fill**".
- C. Bids will be received by the Office of the City Clerk, City Hall, 333 West Michigan Avenue, Three Rivers, Michigan, 49093, until **2:00 p.m. local time, Thursday, August 9, 2018**. All bids will be date stamped and time marked when received.
- D. Faxed or emailed bids shall not be accepted.
- E. If you received this document from our website, please e-mail your contact information to aroeth@threeriversmi.org so we can place you on the bidders list for addenda.

II. Conditions Applicable to Bids

- A. Applicable Laws: The Ordinances and Charter of the City, and laws of the State of Michigan concerning competitive bidding, contracts and purchases will be employed.
- B. Taxes: The City of Three Rivers is generally exempt from Federal Excise and Michigan State Sales Tax. Prices should not include tax.
- C. If the bidder elects to deviate from the specifications stated, all exceptions or other changes must be clearly noted.
- D. The City reserves the right to reject any and all bids, waive informalities or defects in bids, or accept such bids as it shall deem to be in the best interest of the City of Three Rivers.
- E. The City does not discriminate on the basis of race, color, national origin, sex, religion, age or disability in employment or the provision of services.
- F. The City has a local preference policy, which is available upon request.
- G. The Contractor shall provide proof of Liability and Workman's Compensation Insurance and a completed W-9 form prior to award of the contract.
- H. The successful bidder shall provide the City with a copy of this liability insurance policy in the amount of \$2,000,000 (Two million Dollars) which names the City of Three Rivers as second insured.
- I. Anticipated award is at the **August 21, 2018** Commission meeting. Final completion of this project shall be no later than **October 31, 2018**. There is a second bid form if bidder would also like to provide pricing for a spring 2019 alternate.

III. Specifications for Asphalt Pavement

PART 1 GENERAL

1.01 SCOPE

- A. This Section includes preparation of the base construction of pavements and base courses, adjustment of manhole castings, and valve boxes to conform to new pavement courses, and other work and materials incidental to the construction of pavements.
- B. This Section includes restoration of permanent pavement markings as they exist at the time of bidding unless otherwise specified or directed.
- C. **All traffic control shall be included in the costs listed on the enclosed bid form.**

1.02 SUBMITTALS

- A. Submittals shall include:
 - 1. Information for the Record:
 - a. Delivery tickets from the asphalt and aggregate suppliers shall be given to the City. Tickets shall include (as a minimum) name of source, date, type of material, and weight.
 - b. Test results and certificates.

PART 2 PRODUCTS

2.01 ASPHALT EMULSIONS

- A. As specified in the general section of this bid document.

2.02 BITUMINOUS AGGREGATE BASE AND ASPHALT CONCRETE

- A. Design Mix - The wearing course shall meet the requirements of MDOT Division 5, Mixture No. 36A.

PART 3 EXECUTION

3.01 PAVEMENT INSTALLATION

- A. All construction shall be in conformance with applicable portions of MDOT Specifications, except as otherwise specified or called for herein.
- B. A bond or coat at a rate of 0.05 to 0.15 gallon per square yard shall be applied to all existing pavements which are to be overlaid, and between subsequent courses when directed by the City.

3.02 TRANSITION JOINTS FOR BITUMINOUS CONCRETE PAVEMENT OVERLAY

- A. Types of Transition Joints:
 - 1. Transition joints shall be either butt type or feathered type as directed by the City.
 - 2. Butt joints shall be whenever practical. If a butt joint is not practical, then a feathered joint is acceptable.
 - 3. Butt Joints:

- a. Installation of a butt joint requires the old surface to be cut back for at least 3-feet to a depth of at least 1-inch for the full width of the joint and pavement installed.
 - b. A bituminous seal shall be placed on the finished surface at the junction of the new and old pavements.
- 4. Feathered Joint:
 - a. Feathered joints shall be constructed by manually raking the paving material to a smooth transition from the full depth material to the existing pavement surface.
 - b. Existing pavement surface shall be bond-coated to include the transition area.
 - c. Feathering shall be done by a workman skilled in the operation and shall be approved by the City.

3.03 INSPECTION

- A. Laboratory services shall be as detailed below:
 - 1. Asphalt Concrete:
 - a. Plant Certification - The laboratory shall certify or furnish recent certification (within one year) from MDOT that the plant meets State requirements.
 - b. Plant Inspection - For the first day of production and for every day when more than 100 cubic yards of material is being delivered to the project, the laboratory shall provide a representative at the plant who will inspect the plant, make mix design adjustments, check the temperature, and take the required samples.
 - c. Quality Control Testing - A sample of the mix shall be taken for each 200 cubic yard of bituminous material or fraction thereof delivered to the project. An extraction test AASHTO T164-70 and a mechanical analysis AASHTO T30-70 shall be performed on the mix samples.
 - d. Bituminous Material - Provide a satisfactory certificate furnished by the manufacturer stating that the materials conform to MDOT Specifications, Table 904-1, 904-2, or 904-3 as required.
 - e. Aggregate - A sieve analysis (ASTM C-136) shall be performed on each aggregate to be used in the plant mix design.
 - f. Mix Designs - The laboratory shall design the plant mixes in accordance with the Marshall Method of Mix Design (ASTM D-1559) and shall make all mix design adjustments.

3.04 PROTECTION

- A. No heavy construction vehicle shall operate on any pavement after it has been installed.
- B. Traffic shall be prohibited on newly installed pavement until it has cooled sufficiently to avoid marking.

C. Asphalt Pavements:

1. Bituminous mixtures shall be transported and placed in accordance with MDOT Section 502.03.

PART 4 SPECIAL PROVISIONS

4.01 PAVEMENT INSTALLATION DETAILS

A. Railroad Drive – W Michigan Ave to W Prutzman – Mill and Fill 2”

1. At W Michigan start at the W Michigan straight curb line
2. At Prutzman end on the south side of the intersection

B. Kelsey St – Rock River Ave to Portage Ave – Mill and Fill 2”

1. Start on E side of Rock River Ave
2. Skip the intersections of Maple, West, N Main, and East Streets
3. Go to the west side of Portage Ave intersection.

C. Sixth St – River Drive to River St – Mill and Fill 2”

1. Start on N side of River Dr
2. Go to S side of the bridge

D. Canal St – 7th St to 14th St – Mill 3” and Fill 2”

1. Start on the Seventh Street portion of the curve and go around it on to Canal St
2. Follow the Canal St curb line thru 8th and 9th streets
3. @ 10th St include the approach
4. @ 11th St stay along Canal curb line
5. @ 12th St include the approach
6. Follow Canal to the east curb of 14th St and include the southern return to the pavement joint.

E. S Main St – Single lane or full width and skip locations between Pearl and Forest

1. Follow edge of paved shoulder
2. Work includes pavement marking replacement
3. This is an MDOT State highway, so all MDOT regulations apply

Bid Form

The undersigned having familiarized themselves with the local conditions affecting the cost of the work and the Contract Documents hereby proposes to provide and furnish all labor, materials, necessary tools, equipment, utility and transportation services necessary to perform and complete all work required for the project in accordance with the specifications as prepared by the Department of Public Services, City of Three Rivers, Michigan, for, including Addenda No. _____ issued thereto, the following unit prices:

COMPANY _____

ADDRESS _____

CITY _____ STATE _____ ZIP CODE _____

SIGNATURE _____ TITLE _____

TELEPHONE _____ DATE _____

FAX _____ EMAIL _____

FY 2019 Streets Mill and Fill

Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
Railroad Drive					
1	Cold Milling HMA Surface - 2"	4000	SY		
2	HMA, 36A - 2"	440	Ton		
Kelsey Street					
3	Cold Milling HMA Surface - 2"	3100	SY		
4	HMA, 36A - 2"	350	Ton		
Canal Street					
5	Cold Milling HMA Surface - 3"	7900	SY		
6	HMA, 36A - 2"	870	Ton		
Total Base Bid					
Sixth Street					
7	Cold Milling HMA Surface - 2"	900	SY		
8	HMA, 36A - 2"	100	Ton		
S Main St (M-86)					
9	Cold Milling HMA Surface - 1.5"	3600	SY		
10	HMA, 36A - 1.5"	300	Ton		
11	Pavt Mrkg, Waterborne, 4 inch Yellow	700	LF		
12	Pavt Mrkg, Waterborne, 4 inch Yellow Dashed	1075	LF		
12	Pavt Mrkg, Waterborne, 4 inch, White	1100	LF		
12	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	15	LF		
13	Pavt Mrkg, Ovly Cold Plastic, RR Symbol	0	EA		
Total Bid Alternates					

Bid Form – Spring Bid Alternative Pricing

The undersigned having familiarized themselves with the local conditions affecting the cost of the work and the Contract Documents hereby proposes to provide and furnish all labor, materials, necessary tools, equipment, utility and transportation services necessary to perform and complete all work required for the project in accordance with the specifications as prepared by the Department of Public Services, City of Three Rivers, Michigan, for, including Addenda No. _____ issued thereto, the following unit prices:

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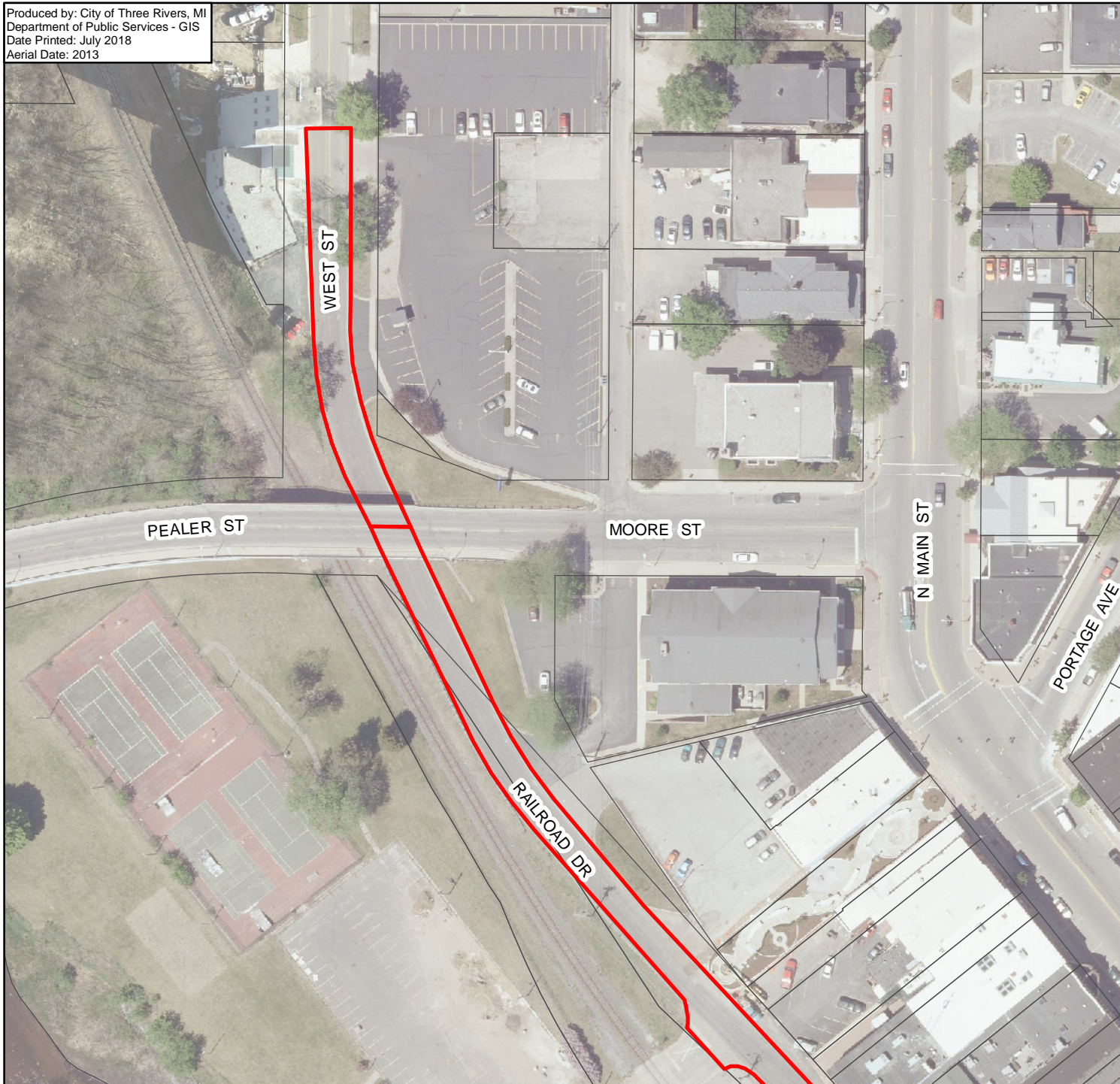
TELEPHONE _____ DATE _____

FAX _____ EMAIL _____

FY 2019 Streets Mill and Fill

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IV. Project Maps

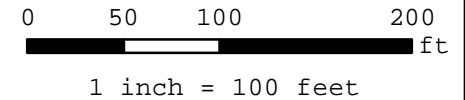


RAILROAD DRIVE

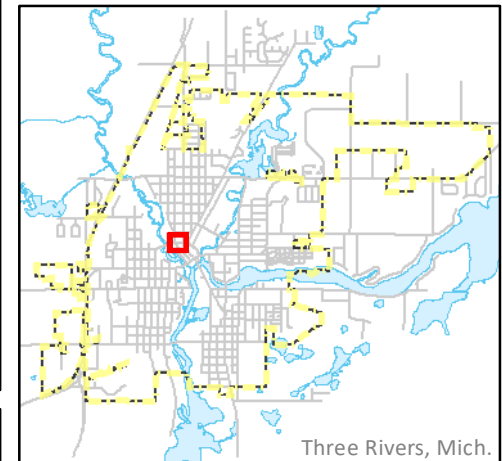
(West St. to Park entrance)

Mill and Fill

-  Mill and Fill
-  Parcels

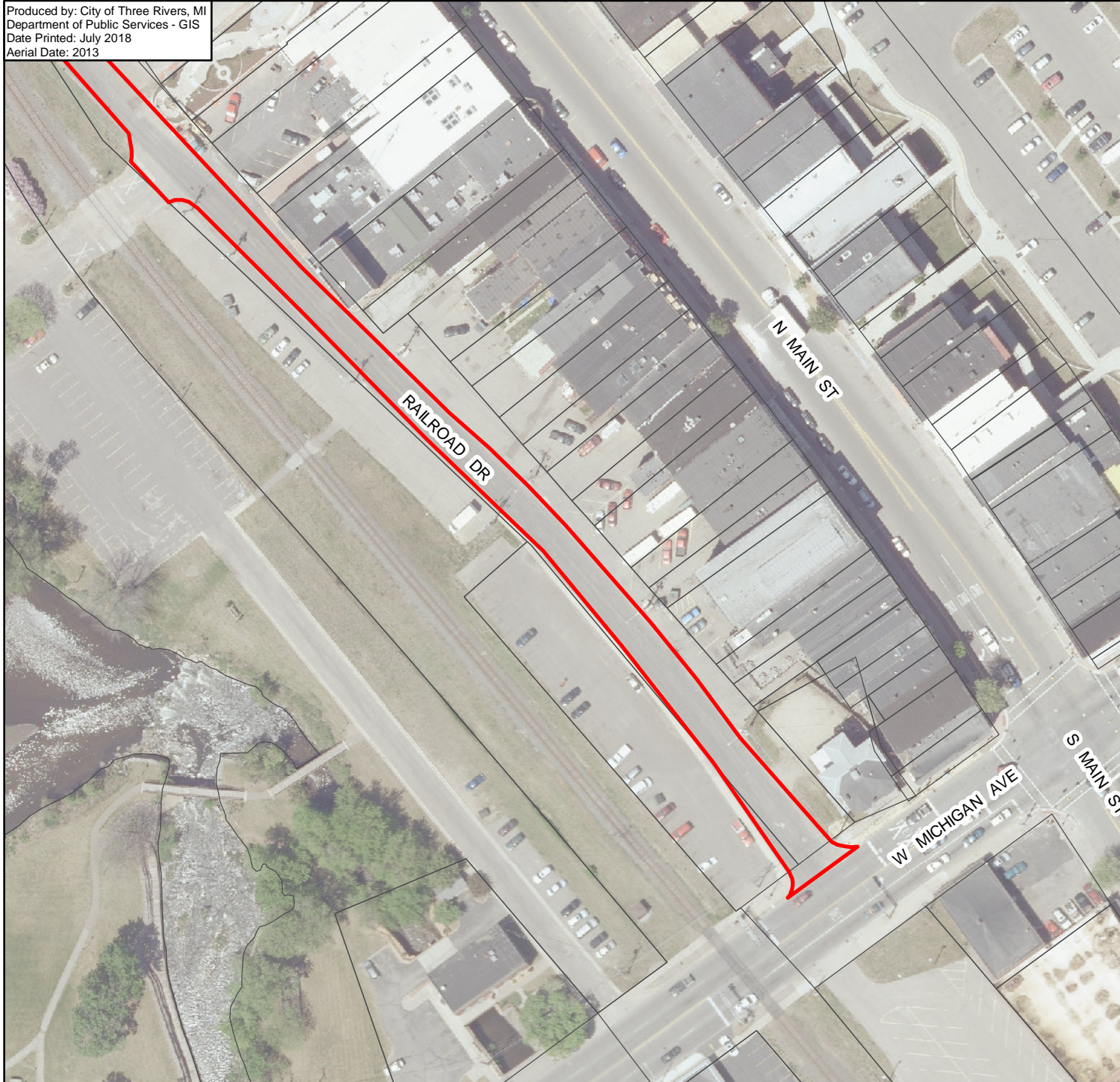


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Disclaimer: Property boundaries mapped by the City of Three Rivers are not legal boundaries, and shall not be taken as such. To obtain an exact, legal boundary location, an official survey from a certified surveyor needs to be completed.



Produced by: City of Three Rivers, MI
Department of Public Services - GIS
Date Printed: July 2018
Aerial Date: 2013

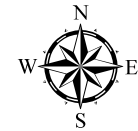



RAILROAD DRIVE

(Park entrance to W. Mich. Av.)

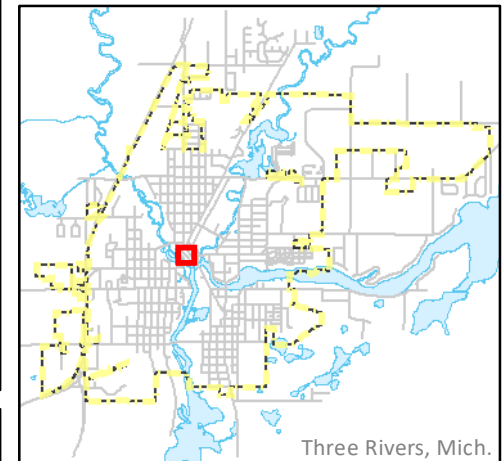
Mill and Fill

 Mill and Fill
 Parcels



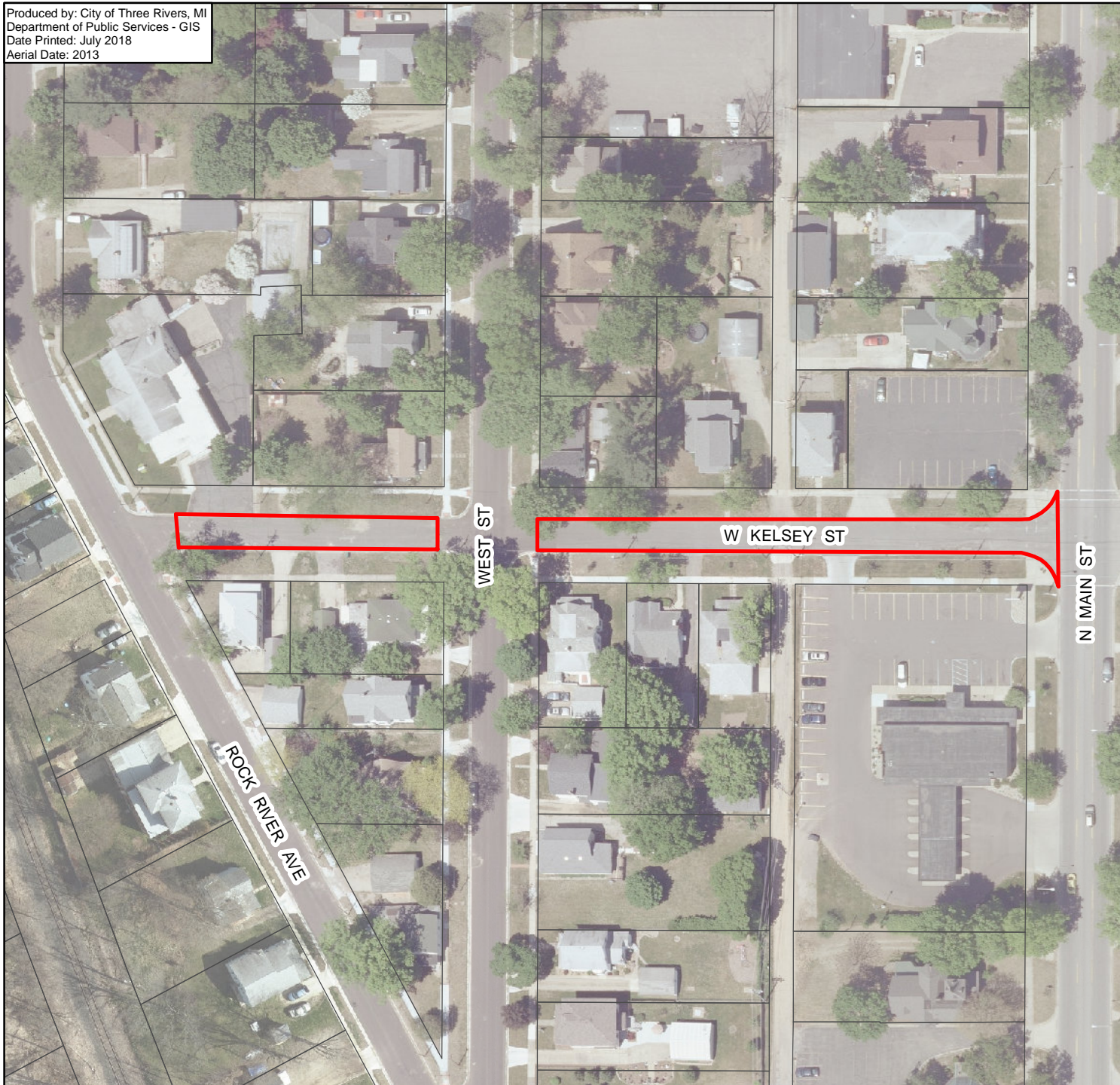
0 50 100 200
 ft
1 inch = 100 feet

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Date Printed: July 2018
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KELSEY STREET

(Rock River Av. to N. Main St.)

Mill and Fill

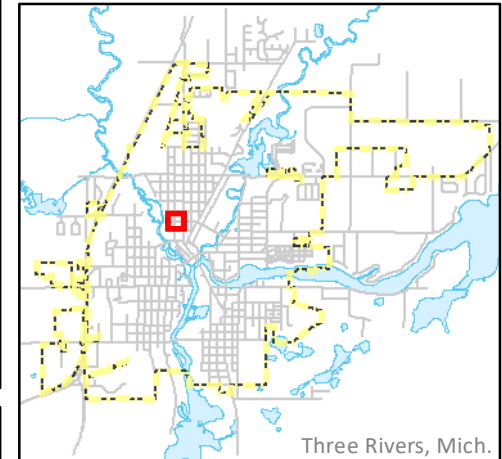
-  Mill and Fill
-  Parcels



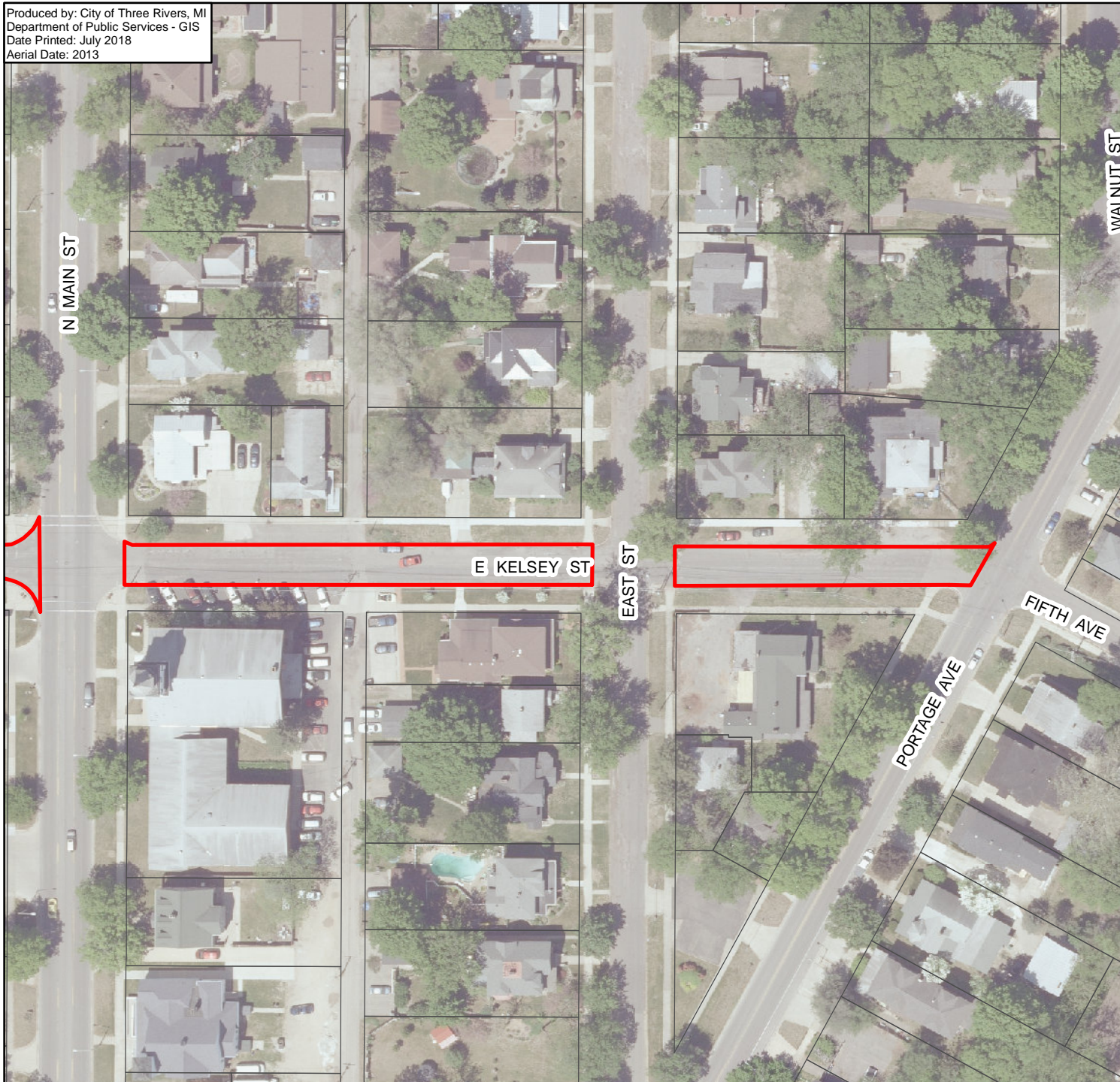
0 50 100 200
ft

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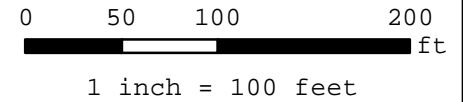


KELSEY STREET

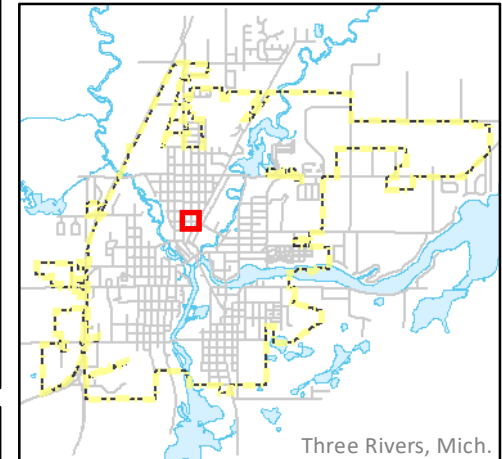
(N. Main St. to Portage Av.)

Mill and Fill

-  Mill and Fill
-  Parcels



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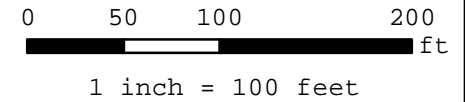
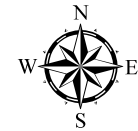


CANAL STREET

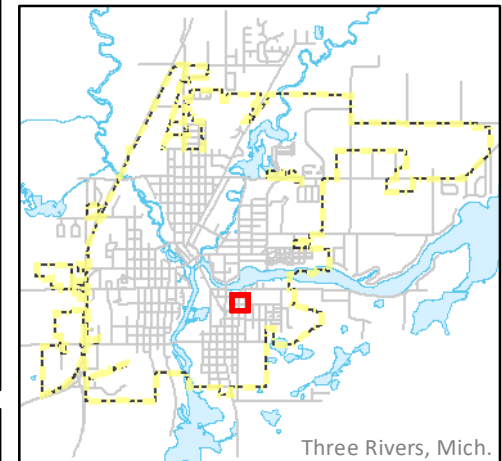
(Seventh St. to Ninth St.)

Mill and Fill

-  Mill and Fill
-  Parcels



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CANAL STREET

(Tenth St. to Eleventh St.)

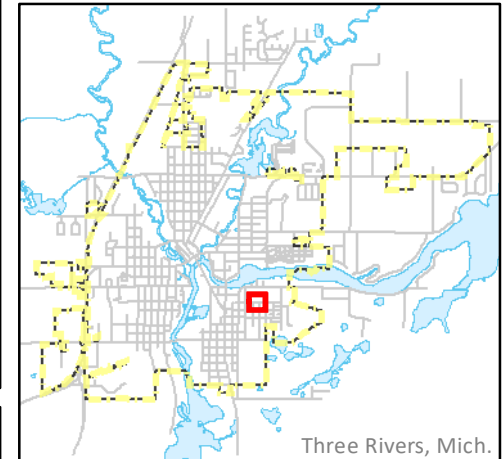
Mill and Fill

 Mill and Fill
 Parcels



0 50 100 200
 ft
1 inch = 100 feet

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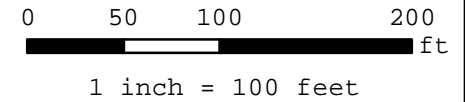
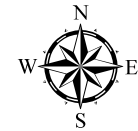


CANAL STREET

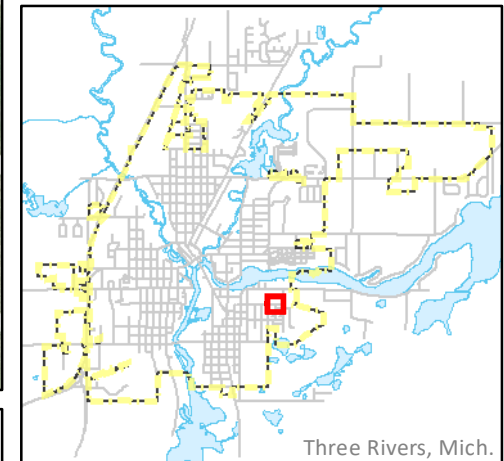
(Twelfth St. to Fourteenth St.)

Mill and Fill

-  Mill and Fill
-  Parcels





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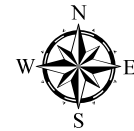


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SIXTH STREET (River Dr. to River St.) Mill and Fill

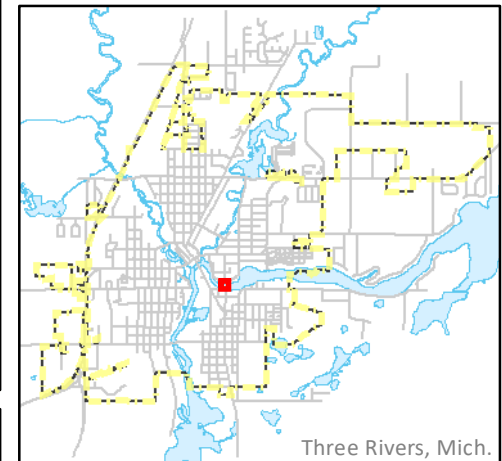
-  Mill and Fill
 Parcels



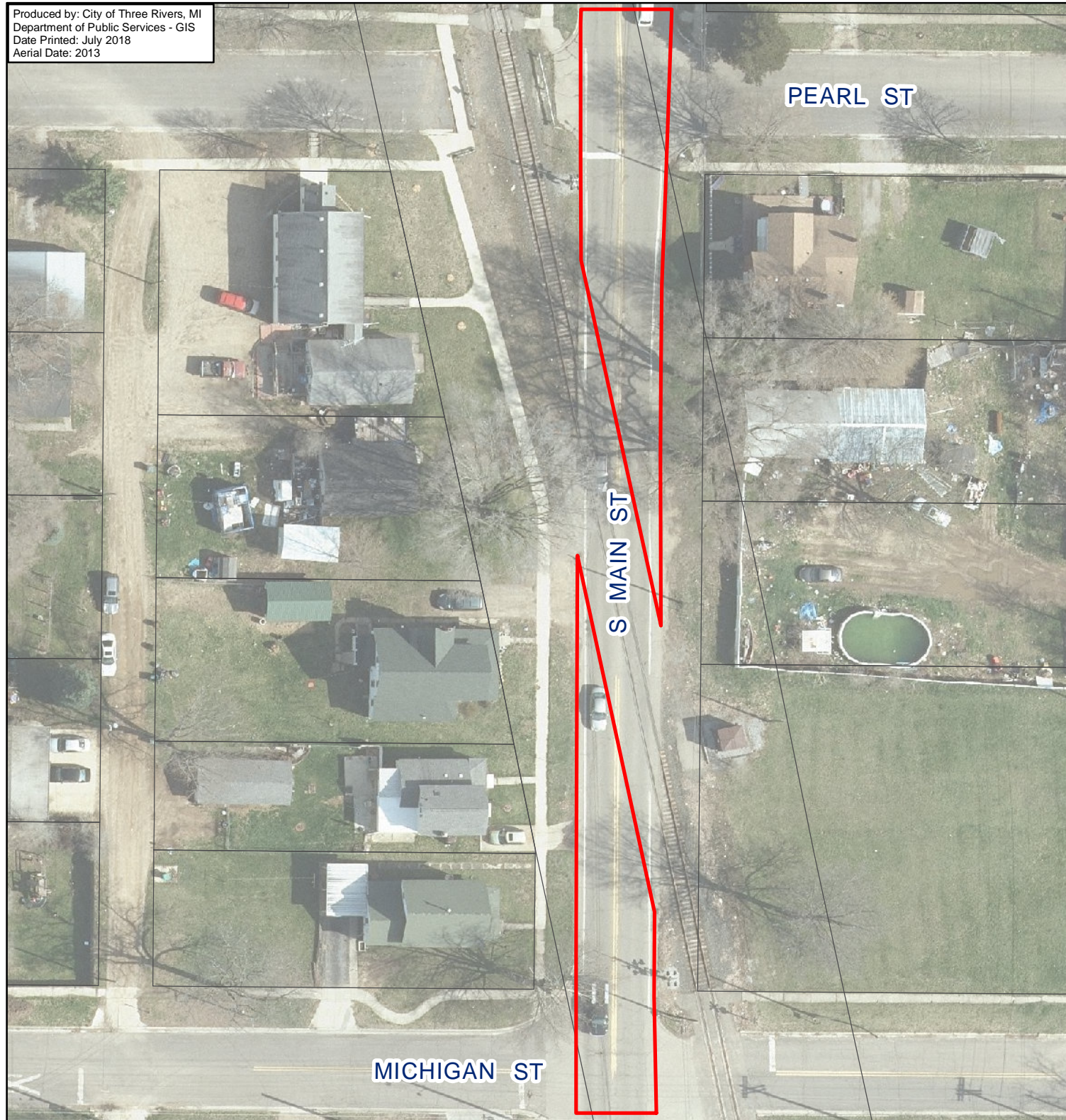
0 25 50 100
ft

1 inch = 50 feet

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S. MAIN STREET

(Michigan St. to Liberty St.)

Mill and Fill

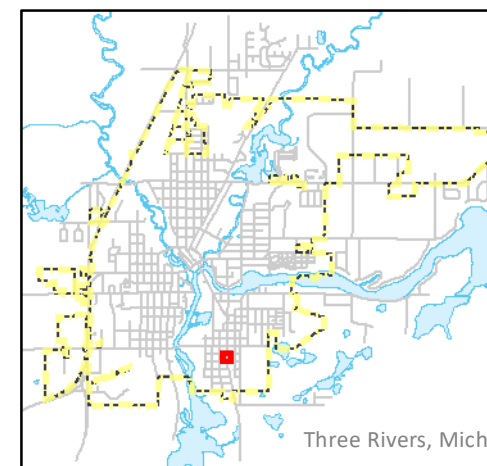
- Mill and Fill
- Parcels



0 25 50 100
ft

1 inch = 50 feet

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MICHIGAN ST

S MAIN ST

LIBERTY ST



S. MAIN STREET

(Michigan St. to Liberty St.)

No Mill & Fill (Skip!)

 Mill and Fill

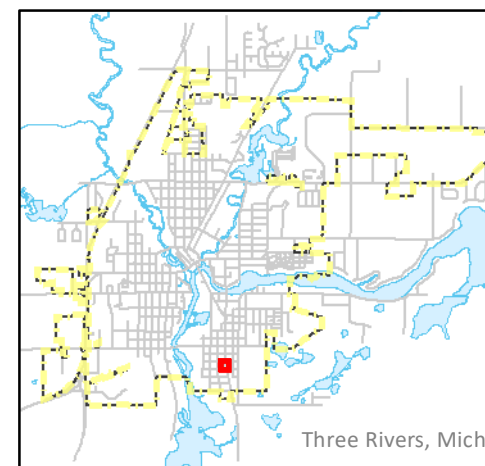
 Parcels

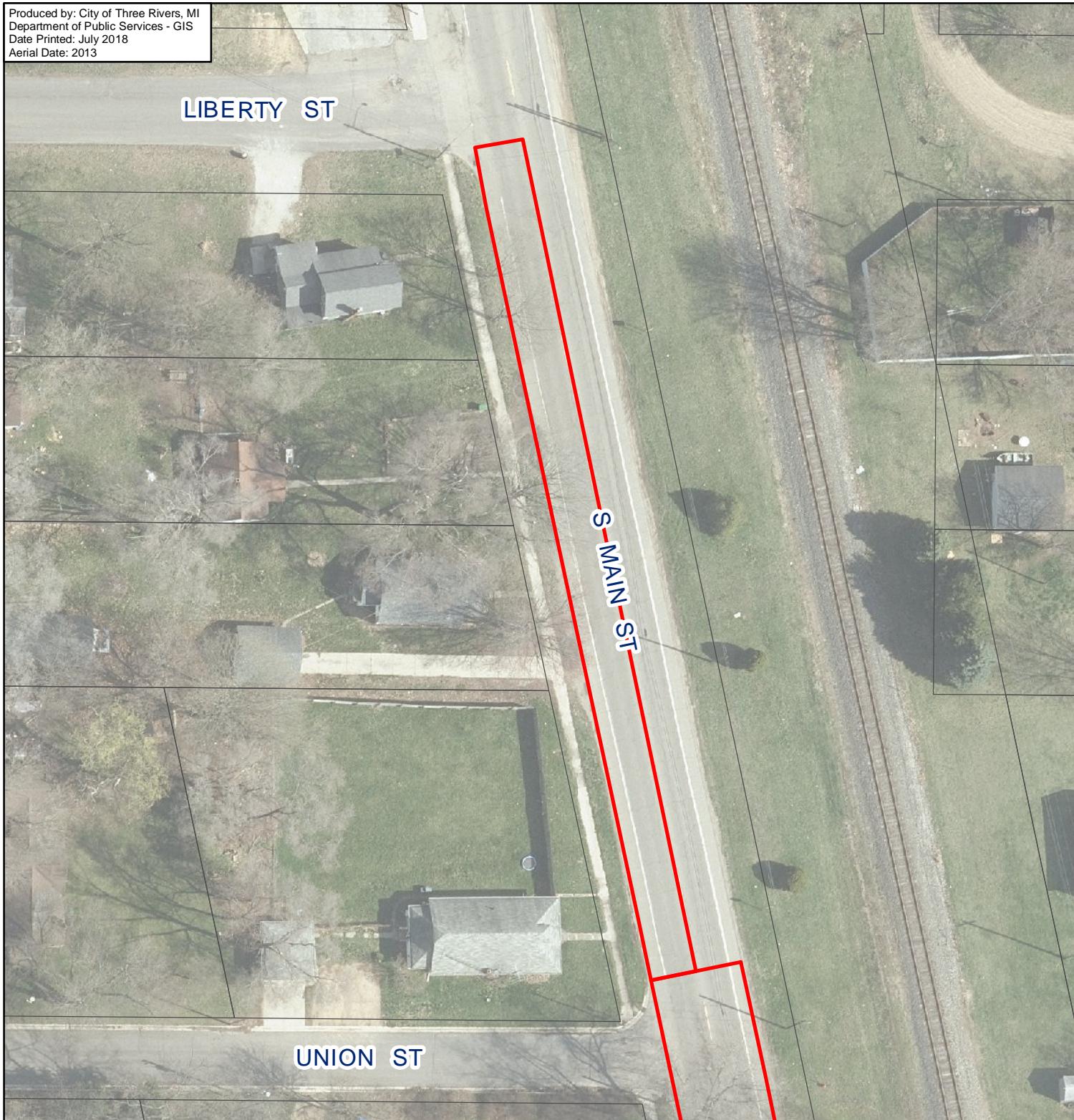


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ft

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S. MAIN STREET

(Liberty St. to Union St.)

Mill and Fill

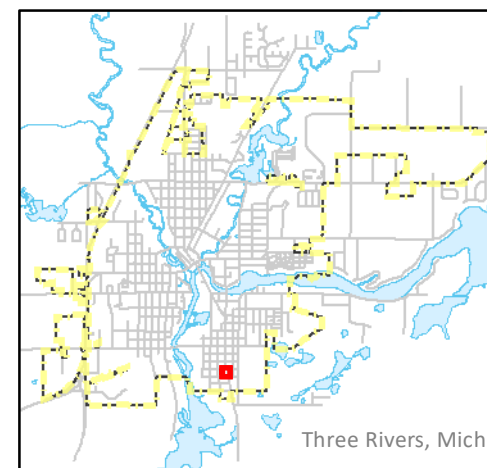
-  Mill and Fill
-  Parcels



0 25 50 100
ft

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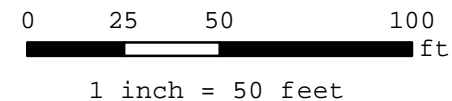


S. MAIN STREET

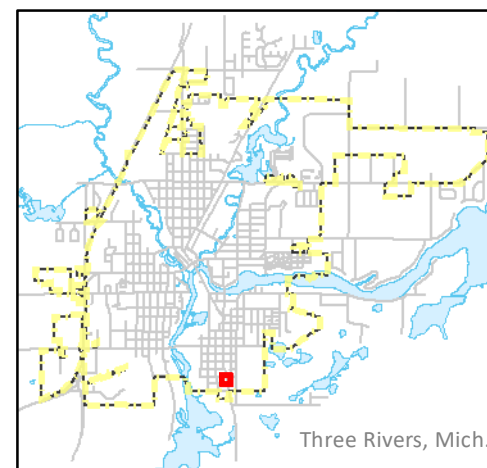
(Union St. to Bell St.)

Mill and Fill

-  Mill and Fill
-  Parcels



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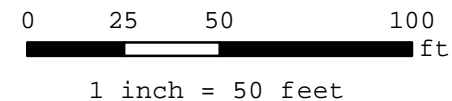


S. MAIN STREET

(Bell St. to Forest St.)

Mill and Fill

-  Mill and Fill
-  Parcels



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