

CITY OF FORT THOMAS

2019

STREET IMPROVEMENTS

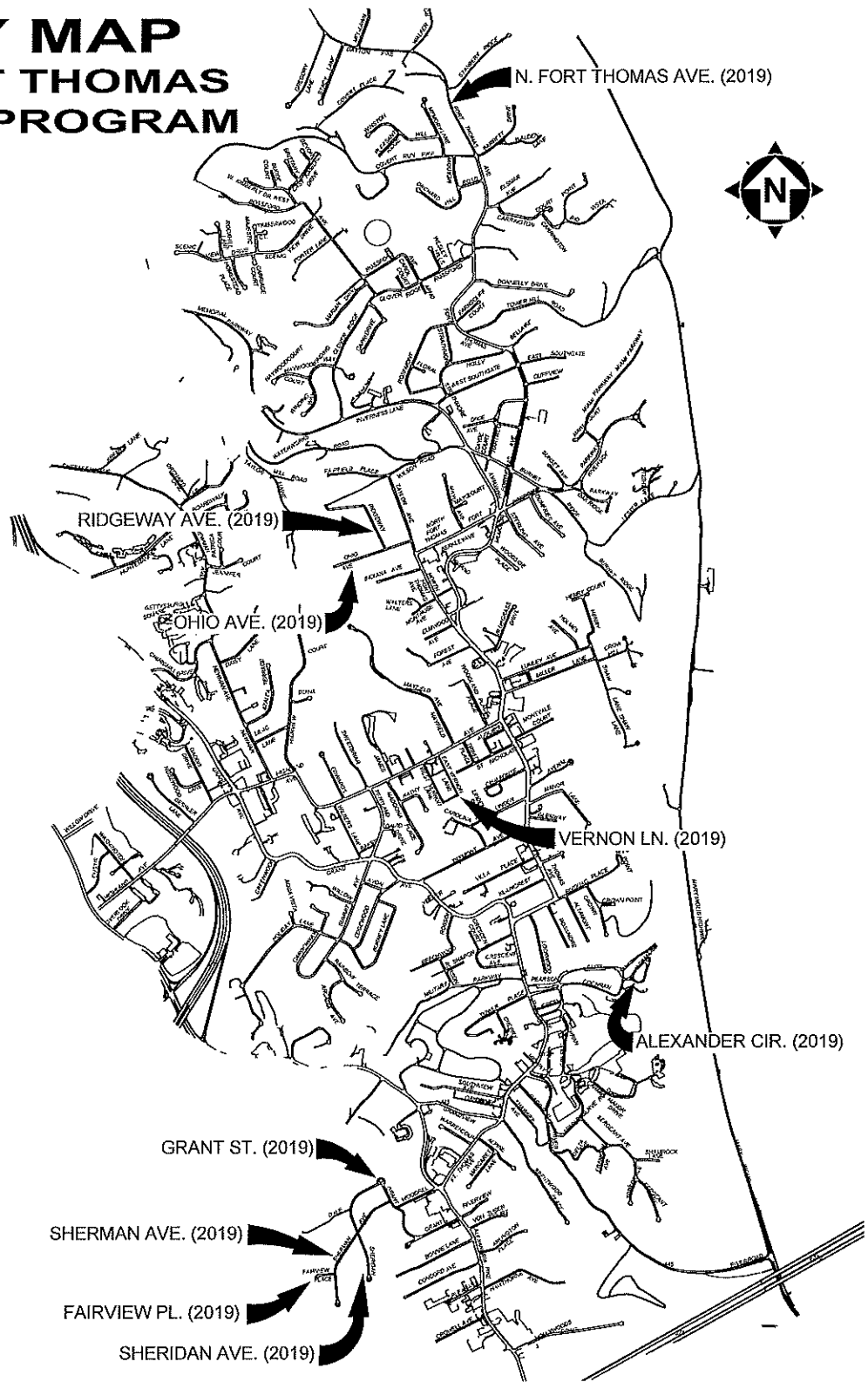
ENGINEER'S COMPREHENSIVE REPORT

Fairview Place
Grant Street
N Fort Thomas Avenue
Ohio Avenue
Ridgeway Avenue
Sheridan Avenue
Sherman Avenue
Vernon Lanes

VICINITY MAP

CITY OF FORT THOMAS

2019 STREET PROGRAM



your trusted advisor
 consultants → engineers
 architects
 planners



**CITY OF FORT THOMAS
2019 STREET REPAIR / RESURFACING
ENGINEER'S COMPREHENSIVE REPORT**

Page One

I. STANDARD RESURFACING.

A. EXTENT OF WORK: Total Length of Street

	<u>LENGTH</u> (FT)	<u>WIDTH</u> (FT)
• Fairview Place	260	20

B. SCOPE OF WORK: "Typical Section Attached"

The work proposed for this street is as follows:

1. Mud-jacking as required to fill voids or cavities underneath the pavement as necessary (by the City).
2. Full Depth asphalt pavement repair as necessary (by the City).
3. Variable depth bituminous asphalt pavement surface milling. 1.5" at edge of pavement. 0" at centerline.
4. Asphalt Resurfacing: 1.5" fiber reinforced asphalt surface to be applied.
5. Adjust / raise manholes and other utility meters and valves, as necessary (as per local utility requirements).
6. Adjust downspout leads at edge of pavement as necessary.

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Page Two

C. OPINION OF PROJECT COST – Assessment and Financing

1. Opinion of project cost for the proposed work is as follows:

Fairview Place \$ 8,385.34

2. **Assessment:** The proposed fair basis of assessment for these improvements is the front-foot basis. The assessment for the improvements to local streets will be shared between the City and the adjoining property owners on a 50% City / 50% private owner basis. Driveway apron will be assessed 100% to the property owner for material costs only, if necessary.

2019 ASSESSMENT TABLE			
STREET NAME	ASSESSMENT AMOUNT	ASSESSMENT FRONTAGE	ESTIMATED FRONT FOOT ASSESSMENT
Fairview Place	\$4,192.67	638.07	\$6.58

(This assessment is an estimate only at this time and will be adjusted at the completion of the project based upon actual bid prices and quantities used).

3. **Financing:** Assessment bills will be mailed upon completion and acceptance of the work by the City. Residents will have 45 days to remit payment to the city for their assessed portion of the work. The city provides the option of a three year payment plan for assessments above \$400, a four year payment plan for assessments above \$1,000, and a five year payment plan for assessments above \$1,500. The interest rate is 6% and there is a non-refundable application fee of \$35.00.

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Page Three

II. STANDARD RESURFACING.

A. EXTENT OF WORK: Total Length of Street

	<u>LENGTH</u> (FT)	<u>WIDTH</u> (FT)
• N Fort Thomas Avenue	3800	22

B. SCOPE OF WORK: "Typical Section Attached"

The work proposed for this street is as follows:

1. Mud-jacking as required to fill voids or cavities underneath the pavement as necessary (by the City).
2. Full Depth asphalt pavement repair as necessary (by the City).
3. Variable depth bituminous asphalt pavement surface milling. 1.5" at edge of pavement. 0" at centerline.
4. Asphalt Resurfacing: 1.5" fiber reinforced asphalt surface to be applied.
5. Adjust / raise manholes and other utility meters and valves, as necessary (as per local utility requirements).
6. Adjust downspout leads at the edge of pavement as necessary.

C. OPINION OF PROJECT COST – Assessment and Financing

1. Opinion of project cost for the proposed work is as follows:

N Fort Thomas Avenue \$ 136,008.84

2. **Assessment:** The proposed fair basis of assessment for these improvements is the front-foot basis. The assessment for the improvements to local arterial streets will be shared between the City and the adjoining property owners on a 60% City / 40% private owner basis. Driveway apron will be assessed 100% to the property owner for material costs only, if necessary. Pavement markings will be covered at 100% by City.

2019 ASSESSMENT TABLE			
STREET NAME	ASSESSMENT AMOUNT	ASSESSMENT FRONTAGE	ESTIMATED FRONT FOOT ASSESSMENT
N Fort Thomas Avenue	\$54,403.54	7336.97	\$7.42

(This assessment is an estimate only at this time and will be adjusted at the completion of the project based upon actual bid prices and quantities used).

3. **Financing:** Assessment bills will be mailed upon completion and acceptance of the work by the City. Residents will have 45 days to remit payment to the city for their assessed portion of the work. The city provides the option of a three year payment plan for assessments above \$400, a four year payment plan for assessments above \$1,000, and a five year payment plan for assessments above \$1,500. The interest rate is 6% and there is a non-refundable application fee of \$35.00.

III. STANDARD STREET VARIABLE DETPH MILLING, RESURFACING & SPOT CURB AND SPOT SIDEWALK REPLACEMENT

A. EXTENT OF WORK: Total Length of Street

	<u>LENGTH</u> (FT)	<u>WIDTH</u> (FT)
• Grant Street	2240	24
• Ohio Avenue	1207	27
• Ridgeway Avenue	1312	24
• Sheridan Avenue	1715	23
• Sherman Avenue	1878	23
• Vernon Lanes	1550	20

B. SCOPE OF WORK: "Typical Section Attached"

The work proposed for these streets is as follows:

1. Spot curb repair for areas which have deteriorated (by City).
2. Mud-jacking as required to fill any voids or cavities underneath the pavement (by City).
3. Full depth pavement repair as necessary (by City).
4. Replacement of storm sewer inlets as necessary (by the City).
5. Variable depth bituminous asphalt pavement surface milling. 1.5" at edge of pavement. 0" at centerline.
6. Asphalt Resurfacing: 1.5" fiber reinforced asphalt surface to be applied.
7. Adjust / raise manholes and other utility meters and valves, as necessary (as per local utility requirements).
8. Adjust downspout leads at the curb as necessary.

C. OPINION OF PROJECT COST – Assessment and Financing

- Opinion of project cost for the proposed work is as follows:

Grant Street	\$ 87,823.36
Ohio Avenue	\$ 50,089.17
Ridgeway Avenue	\$ 48,822.53
Sheridan Avenue	\$ 69,564.93
Sherman Avenue	\$ 75,182.53
Vernon Lanes	\$ 52,926.36

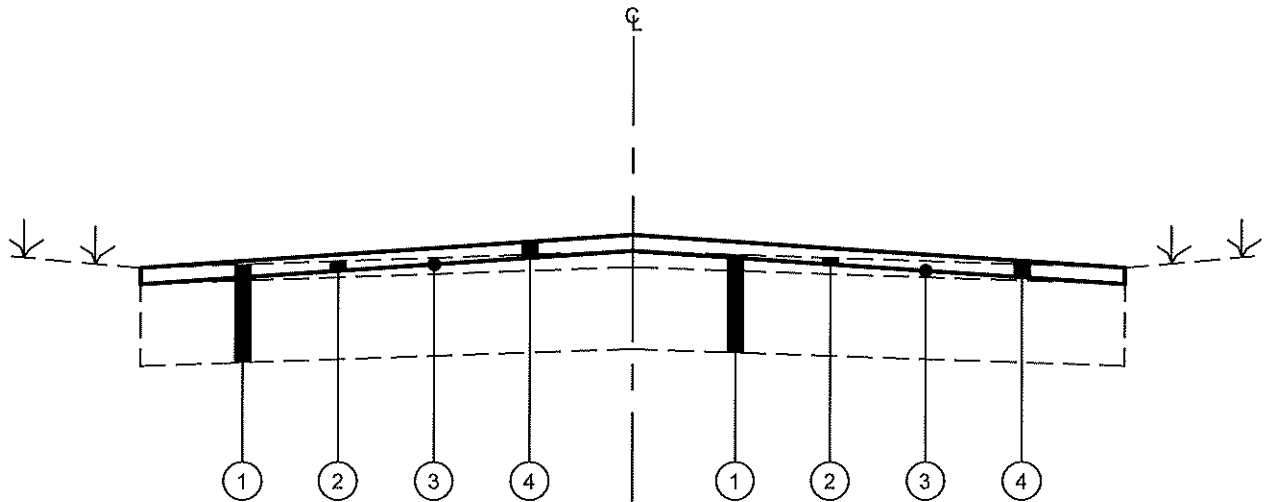
- Assessment: The proposed fair basis of assessment for these improvements is the front-foot basis. The assessment for the improvements to local streets will be shared between the City and the adjoining property owners on a 50% city / 50% private owner basis. Driveway apron will be assessed 100% to the property owner for material costs only, if necessary.

2019 ASSESSMENT TABLE			
STREET NAME	ASSESSMENT AMOUNT	ASSESSMENT FRONTAGE	ESTIMATED FRONT FOOT ASSESSMENT
Grant Avenue	\$43,911.68	4045.48	\$10.86
Ohio Avenue	\$25,044.58	2422.50	\$10.35
Ridgeway Avenue	\$24,411.26	2726.54	\$8.96
Sheridan Avenue	\$34,782.46	3616.30	\$9.63
Sherman Avenue	\$37,591.27	3826.11	\$9.83
Vernon Lanes	\$26,463.18	3070.11	\$8.63

(This assessment is an estimate only at this time and will be adjusted at the completion of the project based upon actual bid prices and quantities used).

- Financing:** Assessment bills will be mailed upon completion and acceptance of the work by the City. Residents will have 45 days to remit payment to the city for their assessed portion of the work. The city provides the option of a three year payment plan for assessments above \$400, a four year payment plan for assessments above \$1,000, and a five year payment plan for assessments above \$1,500. The interest rate is 6% and there is a non-refundable application fee of \$35.00.

TYPICAL SECTION FAIRVIEW PLACE



LEGEND

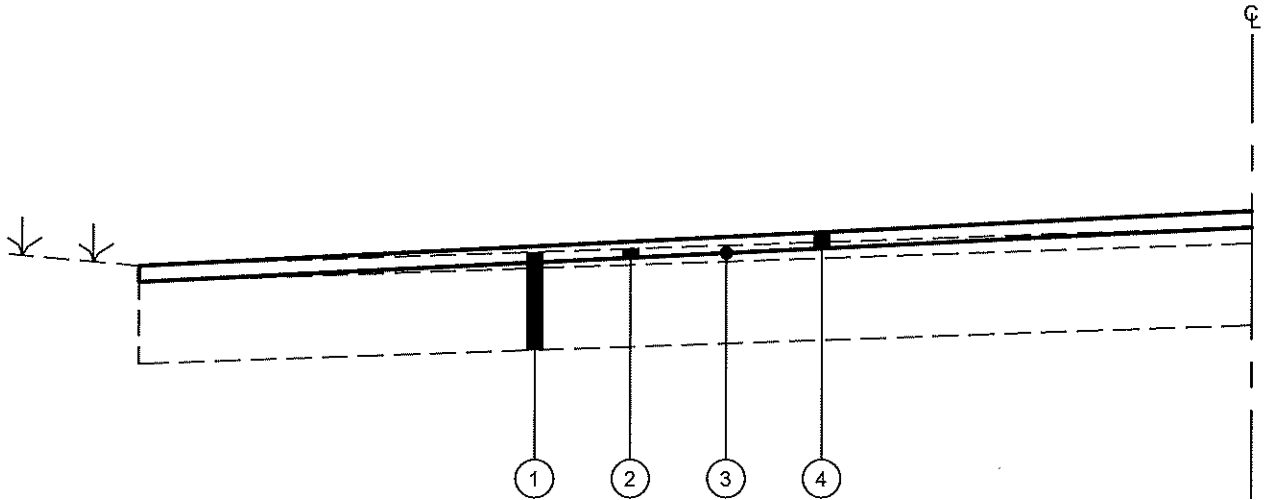
- ① EXISTING ASPHALT
- ② SPEC. NO. 408 - ASPHALT PAVEMENT MILLING, VARIABLE DEPTH, 1.5" AT GUTTER / E/P TO 0" AT CENTERLINE
- ③ SPEC. NO. 406 - TACK COAT INCIDENTAL TO ④
- ④ SPL - 1.5" FIBER REINFORCED ASPHALT CONCRETE SURFACE COURSE

NOTE:

APPLY HOT POURED JOINT SEALER AT CONSTRUCTION JOINTS AT BEGINNING AND END OF PROJECT LIMITS, INCIDENTAL TO ④



TYPICAL SECTION N. FORT THOMAS AVENUE



LEGEND

- ① EXISTING ASPHALT
- ② SPEC. NO. 408 - ASPHALT PAVEMENT MILLING, VARIABLE DEPTH, 1.5" AT GUTTER / E/P TO 0" AT CENTERLINE
- ③ SPEC. NO. 406 - TACK COAT INCIDENTAL TO ④
- ④ SPL - 1.5" FIBER REINFORCED ASPHALT CONCRETE SURFACE COURSE

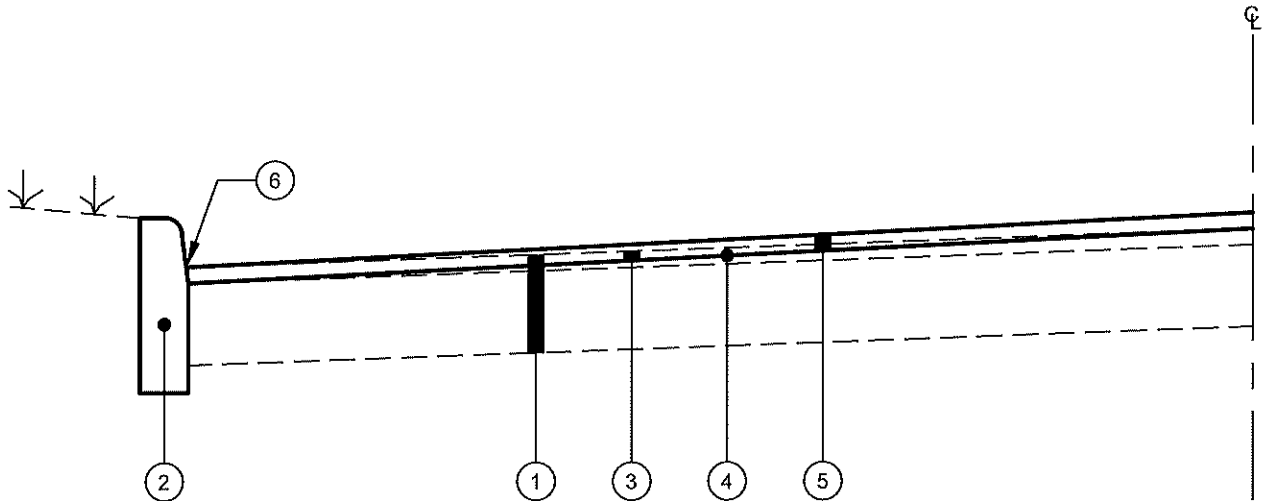
NOTE:

APPLY HOT POURED JOINT SEALER AT CONSTRUCTION JOINTS AT BEGINNING AND END OF PROJECT LIMITS, INCIDENTAL TO ④



TYPICAL SECTION

GRANT STREET
OHIO AVENUE
RIDGEWAY AVENUE
SHERIDAN AVENUE
SHERMAN AVENUE



LEGEND

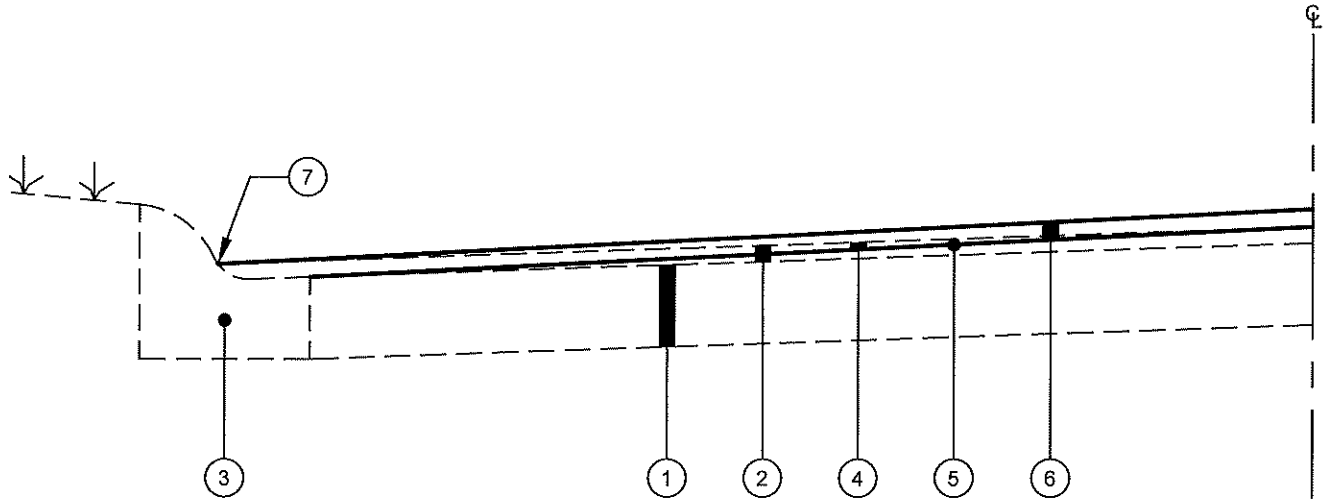
- ① EXISTING ASPHALT
- ② EXISTING CONCRETE CURB - SPOT REPAIR BY CITY
- ③ SPEC. NO. 408 - ASPHALT PAVEMENT MILLING, VARIABLE DEPTH, 1.5" AT GUTTER / E/P TO 0" AT CENTERLINE
- ④ SPEC. NO. 406 - TACK COAT INCIDENTAL TO ⑤
- ⑤ SPL - 1.5" FIBER REINFORCED ASPHALT CONCRETE SURFACE COURSE
- ⑥ APPLY HOT POURED JOINT SEALER WHERE ASPHALT SURFACE MEETS CURB, INCIDENTAL TO ⑤

NOTE:

APPLY HOT POURED JOINT SEALER AT CONSTRUCTION JOINTS AT BEGINNING AND END OF PROJECT LIMITS, INCIDENTAL TO ⑤



TYPICAL SECTION VERNON LANE



LEGEND

- ① EXISTING CONCRETE PAVEMENT
- ② EXISTING ASPHALT CONCRETE SURFACE COURSE
- ③ EXISTING CONCRETE CURB - SPOT REPAIR BY CITY
- ④ SPEC. NO. 408 - ASPHALT PAVEMENT MILLING, VARIABLE DEPTH, 1.5" AT GUTTER / E/P TO 0" AT CENTERLINE
- ⑤ SPEC. NO. 406 - TACK COAT INCIDENTAL TO ⑥
- ⑥ SPL - 1.5" FIBER REINFORCED ASPHALT CONCRETE SURFACE COURSE
- ⑦ APPLY HOT POURED JOINT SEALER WHERE ASPHALT SURFACE MEETS CURB, INCIDENTAL TO ⑥

NOTE:

APPLY HOT POURED JOINT SEALER AT CONSTRUCTION JOINTS AT BEGINNING AND END OF PROJECT LIMITS, INCIDENTAL TO ⑥

