

***PLANS, SPECIFICATIONS
AND BID DOCUMENTS
RESURFACING AND MILLING
OF CITY STREETS***

***FOR THE
CITY OF CLARKSBURG***

2017



RESURFACING AND MILLING OF CITY STREETS

2017

CITY OF CLARKSBURG, WEST VIRGINIA

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ADVERTISEMENT FOR BIDS

RESURFACING AND MILLING OF CITY STREETS

CITY OF CLARKSBURG, WEST VIRGINIA 2017

Sealed bids will be received by the City of Clarksburg, West Virginia, at the office of the City Manager, until **2:00 P.M., Thursday, June 29, 2017**, for the resurfacing and milling of city streets in the City of Clarksburg. A **“non-mandatory” pre-bid** meeting will be held on **Wednesday, June 21, 2017 at 10:00 A.M.**, in the City Manager’s Conference Room at the Clarksburg Municipal Building, 222 W. Main Street, Clarksburg, West Virginia.

At the time and place specified above, all proposals will be publicly opened and read aloud in the City Manager’s conference room, at the municipal building.

Complete plans, specifications and bid documents will be open to public inspection or may be secured at the office of the Finance Department at the Municipal Building, Clarksburg, West Virginia for the sum of \$25.00 or online at www.cityofclarksburgwv.com, at no charge. Deposit will not be refunded. Any questions regarding the project specifications should be directed to Anthony Bellotte, Assistant City Manager, at (304) 624-1681 or John Workman, Assistant Public Works Superintendent, at (304) 624-1611. Any questions relating to the bid documents should be directed to Kim Karakiozis, Director of Finance, at (304) 624-1650.

Each bidder must submit, along with the bid forms, a bid bond, payable to the City of Clarksburg, West Virginia in an amount equal to five percent (5%) of his total proposal. The bid bond may be in the form of a cashier’s check or surety bond properly secured. The bid bond will be retained by the City and returned upon the contract award and execution of a contract with the lowest responsible bidder. The bidder awarded the contract must provide both a surety performance bond and payment bond equal to one hundred percent (100%) of the bid and a certificate of liability and property insurance naming the City as insured, along with evidence of Workers Compensation insurance.

Bids must be clearly marked **“Bid for Resurfacing and Milling of City Streets - 2017”**, and must be received no later than **2:00pm, Thursday, June 29, 2017, by the City Manager’s Office**. No bid may be withdrawn for a period of 60 days from the date the bids are opened.

The City of Clarksburg, West Virginia, reserves the right to reject any and all bids and to waive any informality in any bid.

Vendors needing assistance in the bid process can call (304) 624-1650.

City of Clarksburg
Martin Howe
City Manager

RESURFACING AND MILLING OF CITY STREETS

2017

CITY OF CLARKSBURG, WEST VIRGINIA

1. **Preparation of Bids**

Bids must be made upon the prescribed bid forms. All blank spaces must be filled in as noted, in ink, in both words and figures with the amounts extended and totaled. No changes in the phraseology will be permitted. Any bid, which does not contain prices, set opposite each of the several items in the bid form, or in which any of the prices are obviously unbalanced, may be deemed an informal bid.

The bidder shall sign his bid, in blue ink, in the blank spaces provided therefore. If a partner of corporation makes the bid, the name and address of the partnership or corporation shall be shown, together with the name and address of the partners or officers. If the bid is made by a partnership, it must be acknowledged by one of the duly authorized partners; if made by a corporation, by one of the duly authorized officers thereof.

Bids must be enclosed in a sealed envelope addressed to the City Manager, City of Clarksburg, 222 W. Main Street, Clarksburg, West Virginia, and clearly marked on the outside of the envelope with the name of the Bidder, Contractor's WV License Number, and the title "**Bid for Resurfacing and Milling of City Streets - 2017**". Bids must be submitted on bid sheet. Mailed bids must arrive no later than **Thursday, June 29, 2017 at 2:00 P.M.** The City reserves the right to reject any and all bids and to waive any informality in any bid.

2. **Bid Security**

Bids must be accompanied by a certified check or bid bond, payable to the City of Clarksburg, West Virginia, in the amount of five percent (5%) of the bid price. Certified check of the unsuccessful bidders will be returned to them within ten (10) days after opening of bids. The bond will be returned to him on the execution contract for work. Should the successful bidder fail to execute contract and/or fail to provide the required bonds and insurance within ten (10) days after he has received notice of the acceptance of his bid, he shall forfeit to the City of Clarksburg, West Virginia, as liquidated damages for such failure or refusal, the security deposit with his bid.

3. **Conditions of Work**

Each bidder must inform himself/herself fully as to the conditions relating to the work and will be presumed to have inspected the streets and alleys in question and to have read and be thoroughly familiar with the plans, specifications and bid documents. Failure to do so will not relieve the successful bidder of his/her obligation to carry out the contract fully.

4. **Security for Faithful Performances**

The successful bidder shall furnish a performance and payment bond in the amount of the

contract price, issued by responsible surety approved by the City of Clarksburg, West Virginia, and drawn to protect the City. Should the successful bidder fail to furnish said bond and execute contract within ten (10) days after notice of acceptance of his proposal, the five percent (5%) check or bidder’s bond will be forfeited to the City of Clarksburg as liquidated damages.

5. **Worker’s Compensation Insurance**

The Contractor shall carry full coverage of Workers’ Compensation Insurance during the term of this Agreement fully covering all persons engaged in the performance of the work in accordance with West Virginia law. If Contractor’s insurance does not cover the employees of subcontractors, such subcontractors shall provide insurance coverage for their employees. Contractor shall furnish the City with certificates of coverage for all employees, both its employees and its subcontractors’ employees, performing any of the work.

6. **Public Liability and Property Damage Insurance**

The Contractor shall purchase and maintain, during the term of this Agreement, comprehensive property and general liability insurance and the City is to be named as an additional insured on such insurance. A certificate of insurance evidencing such insurance must be provided to the City prior to the Commencement Date. Coverages are to be as follows:

Commercial General Liability	
General Aggregate	\$1,000,000
Products – Comp /OP AGG	\$1,000,000
Personal & Adv Injury	\$1,000,000
Each Occurrence	\$1,000,000
Fire Damage (any one fire)	\$50,000
Medical Exp (any one person)	\$5,000
Automobile Liability	
Any Auto	
Hired Autos	
Combined Single Unit	\$1,000,000
Non-Owned Autos	\$100,000
Excess Liability	
Umbrella Form	
Each Occurrence	\$2,000,000
Aggregate	\$2,000,000
Employer’s Liability	
Each Accident	\$500,000
Disease – Policy Limit	\$500,000
Disease – Each Employee	\$500,000

In the event of reduction or exhaustion of the aggregate limit, Contractor shall then immediately secure additional insurance or shall have excess insurance available to meet all coverage requirements. The obligation to carry insurance as herein provided shall not limit nor modify in any way any other obligations assumed by Contractor under this Agreement nor shall the

City be under any duty to examine such policies, certificates, other evidence of insurance or to advise Contractor in the event that its insurance is not in compliance with this Agreement.

All insurance policies shall be issued by insurance companies satisfactory to the City and shall contain the following two clauses:

- (a) Thirty (30) days written notice of cancellation or change, to be effective upon receipt thereof, shall be given to the City before any cancellation or change of a policy will be effective.
- (b) The insurer shall waive any right of subordination against the City, its agents and employees, of any of the foregoing, which might arise by reason of any payment under a policy.

7. **Indemnification**

The Contractor shall indemnify, defend and hold the City harmless against all liabilities, claims and demands for personal injury or property damage arising out of or caused by any act or omission of Contractor, its subcontractors, agents, or employees in performing the work. Contractor shall use proper care in the performance of the work so as to not cause damage to any adjacent property and Contractor shall indemnify, defend and hold the City harmless from any liabilities, claims or demands from damage to such adjoining property. If any suit is instituted against the City arising out of or in any way connected with any act or omission of Contractor in performing the work, Contractor will assume the defense of the City and pay all costs and legal expenses in defense of such suit.

8. **Commencement and Completion of Work**

The contractor **shall begin work within 10 calendar days of notice to proceed**. Once the milling portion of the project begins, daily work will continue without interruption until the resurfacing portion of the project is completed. The precise damages resulting from delay in completing the contract within the time limit specified may be difficult, if not impossible, to determine. Therefore, if the work is not completed within the specified time, the Contractor shall pay to the City of Clarksburg as fair and agreed upon liquidated damages, the sum of two-hundred-fifty dollars (\$250) per day for non-compliance to Notice to Proceed start date and daily work being continued without interruption.

9. **Hours of Work**

All work shall be performed between the hours of 7:30 A.M. and 7:30 P.M., Monday through Saturday. No work may be performed on Sundays or holidays without the prior approval of the Assistant City Manager for the City of Clarksburg. This provision does not apply to emergency work at night. Emergencies are defined as unforeseen occurrences and combinations of circumstances in which are involved public safety, the protection of completed work or the protection of life and property, all requiring immediate or sustained work on the milling and resurfacing. Emergency conditions will not in any way relieve Contractor of its responsibility for the protection of completed work, the safety of its employees, and the protection of life and property.

The Contractor shall notify the City **five (5) working days** prior to the initiation of the project and prior to any significant activity commencing or any delay or disruption of the work.

The City will provide the initial schedule for the order of streets to be milled/resurfaced. The next day schedule or any revised schedule will be jointly prepared by the City and the Contractor.

10. **Opening of Proposals**

All proposals will be opened and publicly read in the City Manager's Conference Room at Clarksburg City Hall, 222 West Main Street, Clarksburg, West Virginia, **at 2:00 P.M.; Thursday, June 29, 2017**. The City reserves the right to reject any and all bids, to waive any informality in any bids and to accept whatever proposal or proposals will best serve the public interest.

11. **Conditions of the Contract**

The stipulations, provisions and terms in these plans, specifications and bid documents as are set forth above shall be considered as part of the contract, whether or not these terms or stipulations may be repeated, amplified, or enlarged upon in subsequent sections of the specifications and the contract.

12. **Time of Completion**

Liquidated damages of two-hundred-fifty dollars (\$250) per day will be assessed for non-compliance to Notice of Proceed start date and daily work being continued without interruption.

13. **Payment**

Payment will be made upon receipt of an original invoice/payment request, approved by the Assistant City Manager.

Prior to final payment, Contractor shall pay the City of Clarksburg Business and Occupation taxes due on this Agreement at the rate of two percent (2%) or the City may withhold the two percent (2%) from the final payment due Contractor.

Contractor will withhold from the final payment to any subcontractor an amount equal to two percent (2%) of the total subcontract amount until the subcontractor pays the City of Clarksburg the total amount of business and occupation taxes due, and until receipt of a written release from the Director of Finance of the City of Clarksburg certifying that the business and occupation taxes of the subcontractor have been paid. Said two percent (2%) withheld will be paid to the City of Clarksburg by Contractor upon demand of the Director of Finance, if the subcontractor has not paid the City of Clarksburg the business and occupation taxes due from the subcontractor to the City of Clarksburg within fifteen (15) days from the date payment is due from the City to Contractor.

14. **Quantities**

The resurfacing and milling of municipal streets will be under one contract for the 2017 City of Clarksburg Resurfacing and Milling Program.

The work involved for the 2017 municipal streets resurfacing and milling are outlined as

follows:

- **Streets to be milled**

Thirty-seven (37) streets are scheduled to be milled. The **thirty-seven (37) streets** to be milled, including the width, length, and approximate **square yardage** of milling is provided as part of **Table 1**.

- **Streets to be resurfaced (asphalt and concrete)**

Sixty-six (66) streets are scheduled to be resurfaced. A street-by-street listing of those streets to be resurfaced, including width, length, thickness of HLBC, square yards, and approximate **tons** of HLBC, is outlined by **Table 1 and Table 2**.

The approximate area of milling for the **thirty-seven (37) municipal streets** is estimated at **30,962 square yards (sq. yd.)**. The width of the milling extends seven (7) feet from each curb, for a total width of fourteen (14) feet. Streets that are less than 14 feet wide will milled curb-to-curb.

The approximate tonnage of hot laid bituminous concrete (HLBC) to be applied to the **sixty-six (66) municipal streets** is estimated at **6,518 tons**. The HLBC will be applied at a minimum thickness of **1.5-inches (compacted thickness) on asphalt streets and 2 inches on concrete streets**.

The quantities listed or referenced are provided as a reference only. Contractor should verify quantities.

15. **Wage Rates**

This is not a prevailing wage rate project.

16. **Safety**

Contractor shall comply with OSHA regulations at all times during the life of the project.

Failure of the Contractor to provide adequate safety precautions could result in temporary closing of the project.

17. **Traffic Control**

Contractor shall be responsible for furnishing, maintaining, and placing necessary traffic control devices in and around the job site to adequately protect the public and workers. Traffic control devices shall remain in place until surface is cool enough to allow traffic without damage to the surface.

Contractor shall provide the required traffic control(s) for the type of construction operations being performed, as set forth by “Traffic Control for Street and Highway Construction and Maintenance Operations, November 1994, Fourth Printing February 1998, Traffic Engineering Division, West Virginia Division of Highways” or latest edition.

Traffic control devices may consist of the following, but not limited to, barricades, watchmen, warning signs, flag men, and lights to effectively protect the public, vehicles, work site,

and workers.

Traffic control shall be conducted in a manner that will interfere as little as possible with travel upon walks, streets, highways, roads, and driveways.

18. **Permits and Licenses**

Contractor will be responsible for obtaining all permits and licenses necessary to mobilize equipment, manpower, and construction materials to and from the job site.

Contractor shall also comply with all applicable laws, ordinances, rules and regulations enacted or adopted by government legislative or administrative authorities.

19. **Equipment, Labor, and Supplies Provided by Contractor**

Contractor shall provide and pay for all supervision, labor, machinery, equipment, tools, supplies, transportation, safety equipment, and all other materials, supplies, and services necessary for the construction of this project.

The machinery, equipment, tools, and supplies shall be of the best quality. All machinery, equipment, and tools that are not serviceable and in good condition shall be immediately replaced by the Contractor.

20. **Assignment of Contract and Subcontracting**

Contractor shall not assign the Contract or any part thereof or subcontract any of the work described herein without first obtaining the written consent of the City. If the Contractor plans to use a subcontractor for part(s) of this project, the Contractor is to name the subcontractors to the Assistant City Manager.

21. **Compliance – Drug-Free Workplace Act**

The 2009 West Virginia Legislature adopted House Bill 2771, the Alcohol and Drug Free Law. The bill was signed by the Governor and the legislation became effective August 2009. The bill amends the state’s drug and alcohol testing program for all contractors working on large public works construction projects and expanded the state’s drug and alcohol testing program to projects performed by any political subdivision of the state.

The definition of “construction” as it applies to the statute means any construction, reconstruction, improvement, enlargement, painting, and decorating or repair of any public improvement where the value of the contract exceeds \$100,000. The term “construction” does not include temporary or emergency repairs.

The Contractor awarded a bid for performance exceeding \$100,000 must complete a Drug Free Workplace Conformance Affidavit stating it maintains a drug free workplace policy. A copy of the affidavit will be included with the contract.

By signing the affidavit, the Contractor affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code. The

vendor **must** make said affirmation with its bid submission. Further, the public improvement construction contract will not be awarded by the City to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code and who has not submitted that plan to the City Manager or his designee in a timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the West Virginia Code must take place before their work on the public improvement is begun.

22. **Applicable Law**

This Contract shall be governed by and construed in accordance with the laws of West Virginia and the codes and ordinances of the City of Clarksburg, West Virginia.

23. **Pre-Bid Meeting**

A “non-mandatory” pre-bid meeting will be held on **Wednesday, June 21, 2017 at 10:00 A.M.** in the **City Manager’s Conference Room** at Clarksburg City Hall, 222 W. Main Street, Clarksburg, West Virginia.

24. **Time and Manner of Submitting Bid or Proposal**

The City of Clarksburg will receive sealed bids, via mail or in person, at the address and time set forth below:

Mr. Martin Howe
City Manager
222 West Main St.
Clarksburg, WV 26301

Bids must include a copy of the bid sheet and a copy of State of West Virginia Contractor’s license and are to be marked:

“Bid for Resurfacing and Milling of City Streets - 2017”

If the Contractor should have any questions concerning this project, specification, and scope of work, the Contractor shall contact:

Mr. Anthony Bellotte
Assistant City Manager
(304) 624-1681

Mr. John Workman
Assistant Public Works Superintendent
(304) 624-1611 or (304) 624-1612

If the Contractor should have any questions regarding the bid documents, the Contractor shall contact:

Mrs. Kim Karakiozis
Director of Finance
(304) 624-1650

25. **Additional Milling and Paving of City Streets:**

The City of Clarksburg reserves the right to add or remove streets to be milled or resurfaced.

BID FORM
TO BE COMPLETED AND PROVIDED WITH BID DOCUMENTS

In compliance with your invitation for bids and subject to all conditions thereof, the undersigned _____ a corporation organized and existing under the laws of the State of _____ or an individual trading as _____ of the City of _____ hereby submits a bid in contract form for the construction of all the work comprehended under contract for the removal of existing asphalt and the resurfacing of municipal streets at the City of Clarksburg, West Virginia, and upon the following terms and in strict conformance with the plans and specifications.

The Bidder proposes and agrees, if this bid is accepted, to contract with the City of Clarksburg, to furnish all labor and materials and to perform all work required for the complete resurfacing of municipal streets, all in strict accordance with the plans, specifications and bid documents for the following considerations for each of the corresponding items of work as shown upon the "Schedule of Unit Prices", of this proposal. The Bidder agrees that he shall be entitled to no additional compensation due to excess or deficiency in any items of the annexed schedule, beyond the unit bid price.

The Bidder further agrees that all material, equipment, and labor required for the completion of work, whether or not specifically listed in the schedule of bid items, has been allowed for the cost thereof absorbed in an appropriate bid item in the schedule.

The Bidder further agrees to start work with adequate equipment and organization **within ten (10) days after the Notice to Proceed and to complete daily work without interruption until the resurfacing portion of the project is completed.**

RESURFACING AND MILLING OF CITY STREETS

2017

CITY OF CLARKSBURG, WEST VIRGINIA

BIDDER: _____

BASE BID

The supervision, labor, machinery, equipment, tools, material, and supplies required for paving and milling, as described in this document, plans, and tables therein described, will be furnished for the following sums:

BID SCHEDULE

Item	Quantity	Description
1	30,962 square yards	<p>Milling of Streets The milling of thirty-seven (37) City streets designated as part of Table 1.</p> <p>Price per square yard: \$ _____</p> <p>Bid Amount: \$ _____</p> <p>Hand Written Amount: (unit prices) _____ Dollars _____ Cents</p>
2	6,518 tons	<p>Resurfacing of Asphalt and Concrete Streets Resurfacing of sixty-six (66) City streets, designated on Table 1 and 2, with HLBC applied at 1.5 inches minimum thickness (compacted thickness) on asphalt streets and 2 inches thickness on concrete streets.</p> <p>Price per ton: \$ _____</p> <p>Bid Amount: \$ _____</p> <p>Hand Written Amount: (unit prices) _____ Dollars _____ Cents</p>

TOTAL BASE BID

Milling of Streets	\$
Resurfacing of Asphalt and Concrete Streets	\$
Total Base Bid	\$

WVDOT Asphalt Cement & Fuel Index

The WV Department of Transportation (WVDOT) Asphalt Cement and Fuel Index will be used to adjust the bid price at project completion in the event of Asphalt/Fuel cost changes.

The index month on which the bid is based is _____, 2017.

NOTE: Contractor will be paid based on tonnage of HLBC placed and accepted by the City for street resurfacing. Contractor will be paid based on square yards of milling accepted by the City for streets. Total base bid amount will be used to establish the five percent (5%) bid security amount. For the selected contractor, the total base bid will be the 100 percent amount for the performance and payment bond(s).

The undersigned agrees that should he fail to execute the contract agreement and surety bond within ten (10) days after notification and award of contract, that the City may withdraw the award and retain the bid bond or certified check accompanying this proposal as liquidated damages consequent to such failure. Otherwise, the certified check will be returned to the Bidder.

Contractor: _____

By: _____

Title: _____

Address: _____

WV Contractor
License Number: _____

SPECIFICATIONS FOR THE RESURFACING AND MILLING OF MUNICIPAL STREETS

GENERAL SPECIFICATIONS AND PROVISIONS

1.0 DEFINITIONS

The West Virginia Department of Highways "Standard Specifications - Roads and Bridges", adopted 2000, or latest edition, hereinafter referred to as WVDOH, will govern the resurfacing of the streets and alleys in Clarksburg, West Virginia, unless otherwise covered in these paragraphs.

The term "Inspector", as used in these specifications, shall be an authorized representative of the City, assigned to make any and/or all necessary inspection of the work performed and materials furnished by the Contractor.

2.0 UTILITIES

- A. **Contractor shall contact appropriate utility companies for the location of existing utilities prior to commencing work.**
- B. Contractor shall be responsible for the repair of any damages to utilities caused by his/her work on the project. Such repair shall be at the Contractor's expense. The repair of damages also applies to City owned manholes, lids, covers and drop inlets.
- C. Contractor shall contact West Virginia One-Call System, "WV Miss Utility", for utility locations. City is to be provided with WV Miss Utility Confirmation.

3.0 SAFETY

- A. Contractor shall comply with OSHA Regulations at all times during the life of the project.
- B. **The Contractor shall supply all signs, barricades, warning signals, flagmen, etc. to assure maximum safety for vehicular and pedestrian traffic in the area of work. The City may request additional flagmen, signs, or whatever is necessary to assure maximum safety for vehicular and pedestrian traffic.**

- C. Failure of the Contractor to provide adequate safety precautions could result in temporary closing of the project by the City until such precautions are provided.

4.0 TRAFFIC CONTROL

- A. **Contractor shall be responsible for furnishing, maintaining, and placing needed traffic control devices in and around the job site to adequately protect the public and workers.**
- B. Contractor shall provide the required traffic control(s) for the type of construction operations being performed, as set forth by "Traffic Control for Street and Highway Construction and Maintenance Operations, November 1994, Fourth Printing February 1998, Traffic Engineering /Division, West Virginia Division of Highways" or latest edition.
- C. Traffic control devices may consist of the following, but not limited to, barricades, watchmen, warning signs, flag men, and lights to effectively protect the public, vehicles, work site, and workers.
- D. Traffic control shall be conducted in a manner that will interfere as little as possible with travel upon walks, streets, highways, roads, and driveways.

5.0 LOCATION AND DESCRIPTION OF WORK

The asphalt and concrete municipal streets to be resurfaced with approximate measurement as provided by **Tables 1 and 2**, respectively, are attached to these specifications. The asphalt municipal streets to be milled with approximate measurements are included in **Table 1**.

6.0 CHANGES IN QUANTITIES

The quantities provided by **Table 1 and 2** are approximate. The contractor will be paid based on the square yards milled and tons of HLBC placed and accepted by the City. **Accurate weight bills displaying the actual HLBC tonnage placed will be provided to the City at the completion of each day.**

7.0 CITY'S RESPONSIBILITY

The City will provide the route to follow for milling of existing streets and resurfacing of all asphalt and concrete streets. The City will consider recommendations from contractor while preparing daily routes. All milling material will remain the property of the City of Clarksburg. Contractor shall haul all milling material to locations near the Public Works Center off North Ohio Avenue.

The City will be responsible for the posting of all streets of a minimum of previous day late afternoon and evening.

The City will provide a crew to install necessary raise-up rings for sanitary and storm sewer manholes. All other manholes will be the responsibility of the specific utility.

8.0 CLEAN AND SWEEP

The Contractor shall clean and sweep all existing asphalt and concrete pavement prior to placing hot laid bituminous concrete overlay for all streets to be surfaced, as outlined by **Table 1 and 2**.

MILLING

9.0 REMOVAL OF EXISTING ASPHALT SURFACES (MILLING)

The Contractor shall be responsible for the removal of existing pavement surface including milling, sweeping and cleaning along all curb lines, driveways, intersections and around all utilities.

The Contractor will provide appropriate power operated grinder/milling machine and trucks to haul milling material to City's designated locations.

The curbed side of asphalt streets shall be **milled to a depth of 1.5 to 2 inches** with milling gradually tapering to 0 inch at the streets location seven (7) feet from the curb to form a general crown.

All pavement milling shall be performed in strict accordance with WVDOH specifications, Section 415.

10.0 MILLING QUANTITIES

Milling quantities and specific locations are included as part of **Table 1**. The width of the milling extends **seven (7) feet from each curb for a total width of fourteen (14) feet**.

RESURFACING

11.0 HOT LAID BITUMINOUS CONCRETE

The Contractor shall be responsible for installation of hot laid bituminous concrete Wearing Course #1 on all streets. An itemized listing of streets indicating length, width, compacted thickness, and approximate quantity of hot laid bituminous concrete is provided on **Table 1 and 2** located at the end of these specifications.

All hot laid bituminous concrete shall be installed in strict accordance with WVDOH Specifications, Section 401.

12.0 JOINTS BETWEEN NEW AND EXISTING PAVEMENT

Joints between the existing and new bituminous concrete pavement shall be "heeled in" to the existing surface at the beginning and at the end of the project areas and at all other locations where the new paving terminates against an existing bituminous pavement. All joints between existing and new bituminous concrete pavement shall be in accordance with WVDOH specifications, Section 401, Subsection 401.16. All joints between new and existing pavements must be smooth and level.

MISCELLANEOUS

13.0 MISCELLANEOUS

- A. The Contractor shall **notify the City five (5) work days** prior to the initiation of the project. The Contractor shall notify the City prior to any significant activity commencing and seek the City's approval for any delay or disruption of the work.
- B. The Contractor shall obtain the permission of the owner of any private property before entering on such property for the purpose of storing material or equipment, maintenance of material or equipment, or any activities associated with this project.
- C. The Contractor shall return all disturbed ground to its original condition or better. Shrubbery or trees damaged shall be repaired or replaced at the Contractor's expense.
- D. The Contractor shall submit an estimated progress schedule at the **Pre-Construction Conference**. Schedule will include **start date** for milling, continue with cleaning and complete work with resurfacing without any interruption in daily service. This schedule shall be approved by the City prior to the commencement of work.
- E. The work site(s) shall be cleared daily of all debris, litter, trash, etc. which results from construction related activities. Should the Contractor fail to perform this cleanup satisfactorily, the City shall clean up the material in question and levy the cost to the Contractor.
- F. The Contractor shall obtain all necessary licenses, permits, approvals, and pay all taxes and fees required by local, state, and federal authorities which have jurisdiction over the work included in this project.
- G. The Contractor is to be completely responsible for the means, methods, procedures, safety and processes utilized to satisfactorily complete the work.
- H. The Contractor is responsible for any damage to private property.

**TABLE 1
ASPHALT STREETS**

STREET	FROM	TO	LENGTH IN FEET	WIDTH IN FEET	TONS	SQ YDS. MILLED
Glendale Ave.	Holt St.	DE	374	17	58.28	581.78
Holt St.	W. Pike St.	Glendale Ave.	180	19	31.35	280.00
Locust St.	Peck St.	Sycamore St.	1509	20	276.65	2347.33
Baltimore Ave.	A St.	B St.	272	33	82.28	423.11
A St.	Coleman Ave.	Baltimore Ave.	190	24	41.80	295.56
Walnut St.	N. Chestnut St.	Concrete	171	21	43.89	266.00
Elk St.	Baltimore Ave.	8 th St.	284	19	49.46	
Elk St.	8 th St.	Clark St.	133	19	23.16	
N. 4 th St.	Baltimore Ave.	Clark St.	403	33	121.91	626.89
Clark St.	N. 6 th St.	N. 7 th St.	379	27	93.80	589.56
Clark St.	N. 7 th St.	Elk St.	160	35	51.33	248.89
N. 3 rd St.	Wholesale St.	Clark St.	177	31	50.30	275.33
Clark St.	N. 3 rd St.	Leggett St.	262	28	67.25	407.56
Clark St.	Leggett St.	N. 4 th St.	206	28	52.87	320.44
N. 7 th St.	Baltimore Ave.	Clark St.	389	32	114.11	605.11
N. 27 th St.	W. Pike St.	Adams Ave.	336	21	64.68	522.67
Simpson St.	John St.	Joseph St.	446	18	73.59	693.78
Simpson St.	Joseph St.	Coolidge Ave.	722	18	119.13	1123.11
Baker St.	Paving	DE	95	20	17.42	147.78
Griffin St.	S. 7 th St.	S. 5 th St.	289	17	44.57	444.89
S. 7 th St.	Griffin St.	Wilson St.	708	18	116.82	1101.33
S. 7 th St.	Wilson St.	Hornor	470	18	77.55	731.11
Lee Ave.	S. 5 th St.	Boring Ln.	329	34	102.54	511.78
Lee Ave.	Boring Ln.	Holden St.	178	35	57.11	276.89
Lunetta St.	Hickman St.	DE	85	17	13.25	
Lunetta St.	Hickman St.	Elliott St.	131	17	20.41	203.78
Lee Ave.	Holden St.	S. 3 rd St.	246	35	78.93	382.67
Carlisle Ct.	Virginia Ave.	Webster St.	26	13	3.10	
Cove Ct.	Denham St.	Thompson St.	278	13	33.13	401.56
Despard St.	Alley	Carr Ave.	176	16	25.81	273.78
Howard St.	Ocello St.	DE	810	19	141.08	1260.00
Sherman Ave.	Kern Ave.	Bryan Ave.	268	27	66.33	416.89
Sherman Ave.	Kern Ave.	Longview St.	124	27	30.69	192.89
Harrison St.	St. Clair St.	Rosemont Ave.	228	24	50.16	354.67
Harrison St.	Rosemont Ave.	Tyler Ave.	298	24	65.56	463.56
Harrison St.	Tyler Ave.	Point St.	335	24	73.70	521.11
Harrison St.	Point St.	Ocello St.	333	24	73.26	518.00
Harrison St.	Ocello St.	Martin St.	326	24	71.72	507.11

**TABLE 2
CONCRETE STREETS**

STREET	FROM	TO	LENGTH IN FEET	WIDTH IN FEET	TONS	CONCRETE
Walnut St.	Concrete	Blacktop	163	21	41.84	CONCRETE
Traders Alley	S. Chestnut St.	S. 6 th St.	482	15	88.37	CONCRETE
Werninger St.	N. 7 th St.	Elk St.	153	19	35.53	CONCRETE
N. 5 th St.	Werninger St.	Clark St.	206	34	85.60	CONCRETE
John St.	Simpson St.	Fitro St.	140	21	35.93	CONCRETE
Fitro St.	John St.	DE	253	19	58.75	CONCRETE
Wilson St.	S. 7 th St.	S. 5 th St.	321	26	102.01	CONCRETE
Alley	E. Main St.	Despard St.	353	12	51.77	CONCRETE
Hill St.	Kelly St.	Brown St.	265	18	58.30	CONCRETE
Hursey St.	Edgewood Ave.	DE	340	17	70.64	CONCRETE
Cabell Ave.	Concrete	Limestone Jct.	211	20	51.58	CONCRETE
Glen Ave.	Braxton St.	New Pavement	270	18	59.40	CONCRETE
Gould Ave.	N. 14 th St.	DE	313	20	76.51	CONCRETE
Gould Ave.	N. 16 th St.	N. 17 th St.	437	16	85.46	CONCRETE
Franklin St.	N. 14 th St.	New Pavement	330	20	80.67	CONCRETE
Henderson St.	N. 20 th St.	Blacktop	580	19	134.69	CONCRETE
Pride Ave.	N. 16 th St.	N. 14 th St.	431	20	105.36	CONCRETE
Pride Ave.	N. 14 th St.	N. 12 th St.	398	20	97.29	CONCRETE
Richards Ave.	N. 18 th St.	DE	367	20	89.71	CONCRETE
N. 24 th St.	Pride Ave.	Gould Ave.	276	19	64.09	CONCRETE
N. 24 th St.	Gould Ave.	DE	298	19	69.20	CONCRETE
N. 18 th St.	Pearlman Ave.	Blacktop	200	19	46.44	CONCRETE
N. 16 th St.	Pearlman Ave.	Rose Ave.	306	16	59.84	CONCRETE
Pearlman Ave.	N. 18 th St.	DE	537	19	124.70	CONCRETE
		Total Tons of Asphalt @ 2 inches			1773.69	