

CITY OF WESTERVILLE  
2009 STREET REHABILITATION PROJECT, CONTRACT A  
Project No. 2009-001

Sealed bids for the construction of the 2009 Street Rehabilitation Project, Contract A (Project No. 2009-001), will be received by the City of Westerville, Ohio at the office of the City Manager, 2<sup>nd</sup> Floor, 21 S. State Street, Westerville, Ohio, 43081, until 2:00 p.m. (local time) on Wednesday, April 8, 2009 and will be publicly opened and read immediately thereafter.

Addendum No. 01

1. Contract Bid Documents and Specifications  
BIDDING REQUIREMENTS AND FORMS, NOTICE TO BIDDERS

The revised Engineer's Estimate for this project is \$2,600,000.00

2. Contract Bid Documents and Specifications  
BIDDING REQUIREMENTS AND FORMS, BID SCHEDULE

Delete: Bid Schedule in its entirety.

Add: Bid Schedule attached.

3. Contract Bid Documents and Specifications  
SUPPLEMENTAL SPECIFICATION 12007, MISCELLANEOUS IMPROVEMENTS

Delete: SUPPLEMENTAL SPECIFICATION 12007 in its entirety.

Add: SUPPLEMENTAL SPECIFICATION 12007 attached.

4. Contract Bid Documents and Specifications  
SUPPLEMENTAL SPECIFICATION 12108, CONSTRUCTION SCHEDULE

Delete: SUPPLEMENTAL SPECIFICATION 12108 in its entirety.

Add: SUPPLEMENTAL SPECIFICATION 12108 attached.

5. Contract Bid Documents and Specifications  
SUPPLEMENTAL SPECIFICATION 12114, CONTRACTOR COORDINATION

Delete: Supplemental Specification 12114 in its entirety.

Add: Supplemental Specification 12114 attached.

CITY OF WESTERVILLE  
2009 STREET REHABILITATION PROJECT, CONTRACT A  
Project No. 2009-001

6. Contract Bid Documents and Specifications  
SUPPLEMENTAL SPECIFICATION 12417, ASPHALT EMULSION SLURRY SEAL  
  
Delete: Supplemental Specification 12417 in its entirety.  
Add: Supplemental Specification 12417 attached.
  
7. Contract Bid Documents and Specifications  
SUPPLEMENTAL SPECIFICATION 12614, MAINTAINING TRAFFIC  
  
Delete: Supplemental Specification 12614 in its entirety.  
Add: Supplemental Specification 12614 attached.
  
8. Contract Bid Documents and Specifications  
PRINCIPAL WORK LOCATIONS  
  
Delete: Plane and Overlay Streets list.  
Add: Revised Plane and Overlay Streets list attached
  
9. Contract Bid Documents and Specifications  
APPENDIX  
  
Delete: Project Map.  
Add: Revised Project Map attached

This ADDENDUM modifies the CONTRACT DOCUMENTS. All BIDDERS shall govern themselves accordingly and note the changes listed above.

End of Items

**2009 STREET REHABILITATION PROJECT, CONTRACT A, PROJECT NO. 2009-001**

**BID SCHEDULE**

Bidder agrees to perform all the WORK described in the CONTRACT DOCUMENTS for the following unit prices. Quantities may be increased or decreased at the direction of the ENGINEER with no change in the CONTRACT UNIT PRICE. In the event that one or more items are eliminated entirely, no compensation will be made for the eliminated item(s).

| <u>ITEM</u> | <u>SPEC</u> | <u>CMS</u> | <u>DESCRIPTION</u>                                      | <u>QUANTITY</u> | <u>UNIT</u> | <u>Unit Price LABOR</u> | <u>Unit Price MATERIAL</u> | <u>Unit Price LABOR &amp; MATERIAL</u> | <u>Unit Item TOTAL IN FIGURES</u> |
|-------------|-------------|------------|---|-----------------|-------------|-------------------------|----------------------------|--|-----------------------------------|
| 1           | 201         |            | TREE TRIMMING AS DIRECTED                               | 1               | EA          | \$                      | \$                         | \$                                     | \$                                |
| 2           | 202         |            | CURB AND GUTTER REMOVED                                 | 4,160           | LF          | \$                      | \$                         | \$                                     | \$                                |
| 3           | 202         |            | CURB REMOVED  | 50              | LF          | \$                      | \$                         | \$                                     | \$                                |
| 4           | 202         |            | PAVEMENT REMOVED  | 20              | SY          | \$                      | \$                         | \$                                     | \$                                |
| 5           | 202         |            | WALK REMOVED  | 41,160          | SF          | \$                      | \$                         | \$                                     | \$                                |
| 6           | 203         |            | SELECT GRANULAR BACKFILL, NO 2 STONE, 703.01            | 5               | CY          | \$                      | \$                         | \$                                     | \$                                |
| 7           | 204         |            | EXCAVATION OF SUBGRADE, AS DIRECTED                     | 5               | CY          | \$                      | \$                         | \$                                     | \$                                |
| 8           | 251         |            | PARTIAL DEPTH PAVEMENT REPAIR, 7' WIDE AND GREATER      | 213             | SY          | \$                      | \$                         | \$                                     | \$                                |
| 9           | 251         |            | PARTIAL DEPTH PAVEMENT REPAIR, LESS THAN 7' WIDE        | 529             | SY          | \$                      | \$                         | \$                                     | \$                                |
| 10          | 253         |            | PAVEMENT REPAIR, 7' WIDE AND GREATER                    | 1,169           | SY          | \$                      | \$                         | \$                                     | \$                                |
| 11          | 253         |            | PAVEMENT REPAIR, LESS THAN 7' WIDE                      | 1,132           | SY          | \$                      | \$                         | \$                                     | \$                                |
| 12          | 253         |            | PAVEMENT REPAIR, 7' WIDE AND GREATER, CONCRETE BASE     | 10              | SY          | \$                      | \$                         | \$                                     | \$                                |
| 13          | 253         |            | PAVEMENT REPAIR, LESS THAN 7' WIDE, CONCRETE BASE       | 10              | SY          | \$                      | \$                         | \$                                     | \$                                |
| 14          | 254         |            | PAVEMENT PLANING, 1-1/2", ASPHALT CONCRETE              | 126,790         | SY          | \$                      | \$                         | \$                                     | \$                                |
| 15          | 254         |            | PAVEMENT PLANING, ASPHALT CONCRETE, SPOT, AS DIRECTED   | 50              | SY          | \$                      | \$                         | \$                                     | \$                                |
| 16          | 304         |            | AGGREGATE BASE, AS DIRECTED                             | 5               | CY          | \$                      | \$                         | \$                                     | \$                                |
| 17          | 407         |            | TACK COAT   | 19,900          | GAL         | \$                      | \$                         | \$                                     | \$                                |
| 18          | 417         | C          | ASPHALT EMULSION SLURRY SEAL, TYPE I                    | 11,550          | SY          | \$                      | \$                         | \$                                     | \$                                |
| 19          | 417         | C          | STREET SWEEPING, AS DIRECTED                            | 16              | HR          | \$                      | \$                         | \$                                     | \$                                |
| 20          | 423         |            | CRACK SEALANT, RUBBERIZED                               | 66,060          | LB          | \$                      | \$                         | \$                                     | \$                                |
| 21          | 423         |            | CRACK SEALANT, TYPE 1                                   | 600             | LB          | \$                      | \$                         | \$                                     | \$                                |
| 22          | 448         |            | ASPHALT CONCRETE, SUR. COURSE, TYPE 1, PG64-22 (MEDIUM) | 2,960           | CY          | \$                      | \$                         | \$                                     | \$                                |

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| <u>ITEM</u> | <u>SPEC</u> | <u>CMS</u> | <u>DESCRIPTION</u>                                       | <u>QUANTITY</u> | <u>UNIT</u> | <u>Unit Price LABOR</u> | <u>Unit Price MATERIAL</u> | <u>Unit Price LABOR &amp; MATERIAL</u> | <u>Unit Item TOTAL IN FIGURES</u> |
|-------------|-------------|------------|--|-----------------|-------------|-------------------------|----------------------------|--|-----------------------------------|
| 23          | 448         |            | ASPHALT CONCRETE, SUR. COURSE, TYPE 1H, PG70-22M (HEAVY) | 2,340           | CY          | \$                      | \$                         | \$                                     | \$                                |
| 24          | 452         |            | 6" NON-REINFORCED CONCRETE PAVEMENT                      | 25              | SY          | \$                      | \$                         | \$                                     | \$                                |
| 25          | 452         |            | 8" NON-REINFORCED CONCRETE PAVEMENT                      | 25              | SY          | \$                      | \$                         | \$                                     | \$                                |
| 26          | 604         | C          | CURB INLET ADJUSTED TO GRADE                             | 2               | EA          | \$                      | \$                         | \$                                     | \$                                |
| 27          | 604         | C          | CURB INLET RECONSTRUCTED TO GRADE                        | 33              | EA          | \$                      | \$                         | \$                                     | \$                                |
| 28          | 604         | C          | MANHOLE ADJUSTED TO GRADE                                | 2               | EA          | \$                      | \$                         | \$                                     | \$                                |
| 29          | 608         | C          | 4" CONCRETE WALK   | 41,160          | SF          | \$                      | \$                         | \$                                     | \$                                |
| 30          | 608         | C          | CURB RAMP  | 205             | EA          | \$                      | \$                         | \$                                     | \$                                |
| 31          | 609         |            | 3.5" DIAMTER CORED CURB                                  | 5               | EA          | \$                      | \$                         | \$                                     | \$                                |
| 32          | 609         |            | ASPHALT CURB, SPOT                                       | 50              | LF          | \$                      | \$                         | \$                                     | \$                                |
| 33          | 609         | C          | COMBINATION CURB AND GUTTER                              | 4,160           | LF          | \$                      | \$                         | \$                                     | \$                                |
| 34          | 609         |            | COMBINATION CURB AND GUTTER, SPOT                        | 5,110           | LF          | \$                      | \$                         | \$                                     | \$                                |
| 35          | 609         |            | CURB, CONCRETE BACKWALL                                  | 20              | LF          | \$                      | \$                         | \$                                     | \$                                |
| 36          | 609         |            | CURB, TYPE 6   | 50              | LF          | \$                      | \$                         | \$                                     | \$                                |
| 37          | 609         |            | CURB, TYPE 6, SPOT                                       | 50              | LF          | \$                      | \$                         | \$                                     | \$                                |
| 38          | 614         |            | LAW ENFORCEMENT OFFICER                                  | 100             | HR          | \$                      | \$                         | \$                                     | \$                                |
| 39          | 614         |            | MAINTENANCE OF TRAFFIC                                   | 1               | LS          | \$                      | \$                         | \$                                     | \$                                |
| 40          | 614         | C          | TEMPORARY PAVEMENT MARKINGS                              | 1               | LS          | \$                      | \$                         | \$                                     | \$                                |
| 41          | 621         |            | RAISED PAVEMENT MARKER CASTING                           | 434             | EA          | \$                      | \$                         | \$                                     | \$                                |
| 42          | 622         |            | RAISED PAVEMENT MARKER REFLECTOR                         | 434             | EA          | \$                      | \$                         | \$                                     | \$                                |
| 43          | 624         |            | MOBILIZATION   | 1               | LS          | \$                      | \$                         | \$                                     | \$                                |
| 44          | 625         |            | 2" CONDUIT, SCHEDULE 40 PVC                              | 1,234           | LF          | \$                      | \$                         | \$                                     | \$                                |

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| <u>ITEM</u> | <u>SPEC</u> | <u>CMS</u> | <u>DESCRIPTION</u>                          | <u>QUANTITY</u> | <u>UNIT</u> | <u>Unit Price LABOR</u> | <u>Unit Price MATERIAL</u> | <u>Unit Price LABOR &amp; MATERIAL</u> | <u>Unit Item TOTAL IN FIGURES</u> |
|-------------|-------------|------------|---|-----------------|-------------|-------------------------|----------------------------|--|-----------------------------------|
| 45          | 630         |            | REMOVAL OF GROUND MOUNTED POST AND DISPOSAL | 20              | EA          | \$                      | \$                         | \$                                     | \$                                |
| 46          | 630         |            | REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL | 20              | EA          | \$                      | \$                         | \$                                     | \$                                |
| 47          | 630         |            | GROUND MOUNTED SUPPORT, NO. 3 POST          | 100             | LF          | \$                      | \$                         | \$                                     | \$                                |
| 48          | 630         |            | SIGN, FLAT SHEET                            | 50              | SF          | \$                      | \$                         | \$                                     | \$                                |
| 49          | 631         |            | SOLAR SCHOOL FLASHER INSTALLED, COMPLETE    | 3               | EA          | \$                      | \$                         | \$                                     | \$                                |
| 50          | 632         |            | DETECTOR LOOP                               | 33              | EA          | \$                      | \$                         | \$                                     | \$                                |
| 51          | 642         |            | BIKE LANE SYMBOL                            | 68              | EA          | \$                      | \$                         | \$                                     | \$                                |
| 52          | 642         |            | CENTERLINE, DASHED WHITE, TYPE 2, BIKEPATH  | 18,806          | LF          | \$                      | \$                         | \$                                     | \$                                |
| 53          | 642         |            | CENTERLINE, SOLID WHITE, TYPE 2, BIKEPATH   | 2,250           | LF          | \$                      | \$                         | \$                                     | \$                                |
| 54          | 642         |            | CHANNELIZING LINE 8", TYPE 2                | 22,000          | LF          | \$                      | \$                         | \$                                     | \$                                |
| 55          | 642         |            | CROSSWALK LINE 12", TYPE 2                  | 7,650           | LF          | \$                      | \$                         | \$                                     | \$                                |
| 56          | 642         |            | DOUBLE YELLOW LINE, TYPE 2                  | 32              | MI          | \$                      | \$                         | \$                                     | \$                                |
| 57          | 642         |            | DUAL TURN LANE SKIP LINES, 2' - 4', TYPE 2  | 2,000           | LF          | \$                      | \$                         | \$                                     | \$                                |
| 58          | 642         |            | EDGE LINE, TYPE 2                           | 12              | MI          | \$                      | \$                         | \$                                     | \$                                |
| 59          | 642         |            | HANDICAP SYMBOL, TYPE 2                     | 2               | EA          | \$                      | \$                         | \$                                     | \$                                |
| 60          | 642         |            | INTERNATIONAL SYMBOL OF ACCESSIBILITY       | 11              | EA          | \$                      | \$                         | \$                                     | \$                                |
| 61          | 642         |            | LANE ARROW, TYPE 2                          | 134             | EA          | \$                      | \$                         | \$                                     | \$                                |
| 62          | 642         |            | LANE LINE, TYPE 2                           | 25              | MI          | \$                      | \$                         | \$                                     | \$                                |
| 63          | 642         |            | PAINTED ISLAND                              | 150             | SF          | \$                      | \$                         | \$                                     | \$                                |
| 64          | 642         |            | PARKING LOT STALL MARKING, TYPE 2           | 6,271           | LF          | \$                      | \$                         | \$                                     | \$                                |
| 65          | 642         |            | REMOVAL OF PAVEMENT MARKING                 | 500             | LF          | \$                      | \$                         | \$                                     | \$                                |
| 66          | 642         |            | SCHOOL SYMBOL MARKING                       | 55              | EA          | \$                      | \$                         | \$                                     | \$                                |

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|-------------|-------------|------------|--|-----------------|-------------|-------------------------|----------------------------|--|-----------------------------------|
| 67          | 642         |            | SPEED BUMP AND WORD "BUMP", TYPE 2     | 20              | EA          | \$                      | \$                         | \$                                     | \$                                |
| 68          | 642         |            | STOP LINE 24", TYPE 2                  | 2,526           | LF          | \$                      | \$                         | \$                                     | \$                                |
| 69          | 642         |            | STOP LINE 24", TYPE 2, BIKEPATH        | 145             | LF          | \$                      | \$                         | \$                                     | \$                                |
| 70          | 642         |            | WHITE TRANSVERSE LINE 12", TYPE 2      | 2,736           | LF          | \$                      | \$                         | \$                                     | \$                                |
| 71          | 642         |            | WORD ON PAVEMENT (72"), TYPE 2         | 45              | EA          | \$                      | \$                         | \$                                     | \$                                |
| 72          | 642         |            | YELLOW CENTERLINE (SOLID/DASH), TYPE 2 | 1               | MI          | \$                      | \$                         | \$                                     | \$                                |
| 73          | 642         |            | YELLOW TRANSVERSE LINE 12", TYPE 2     | 1,030           | LF          | \$                      | \$                         | \$                                     | \$                                |
| 74          | 644         |            | CHANNELIZING LINE 8"                   | 4,075           | LF          | \$                      | \$                         | \$                                     | \$                                |
| 75          | 644         |            | CROSSWALK LINE 8"                      | 1,200           | LF          | \$                      | \$                         | \$                                     | \$                                |
| 76          | 644         |            | DUAL TURN LANE SKIP LINES, 2' - 4'     | 500             | LF          | \$                      | \$                         | \$                                     | \$                                |
| 77          | 644         |            | LANE ARROW                             | 57              | EA          | \$                      | \$                         | \$                                     | \$                                |
| 78          | 644         |            | STOP LINE 24"                          | 392             | LF          | \$                      | \$                         | \$                                     | \$                                |
| 79          | 644         |            | WARNING STRIPES, 4" YELLOW, BIKEPATH   | 580             | LF          | \$                      | \$                         | \$                                     | \$                                |
| 80          | 644         |            | WHITE TRANSVERSE LINE 12"              | 155             | LF          | \$                      | \$                         | \$                                     | \$                                |
| 81          | 644         |            | WORD ON PAVEMENT, 72"                  | 13              | EA          | \$                      | \$                         | \$                                     | \$                                |
| 82          | 644         |            | YELLOW TRANSVERSE LINE 12"             | 100             | LF          | \$                      | \$                         | \$                                     | \$                                |
| 83          | 660         | C          | SODDING, AS DIRECTED                   | 10              | SY          | \$                      | \$                         | \$                                     | \$                                |
| 84          | 804         | C          | IRON CASTINGS, AS DIRECTED             | 50              | LB          | \$                      | \$                         | \$                                     | \$                                |
| 85          | 807         | C          | VALVE BOXES, ADJUSTED TO GRADE         | 5               | EA          | \$                      | \$                         | \$                                     | \$                                |
| 86          | 1540        | C          | ASPHALT REJUVENATING AGENT             | 100,000         | SY          | \$                      | \$                         | \$                                     | \$                                |
| 87          | 1550        | C          | CURB RAMP, COST TO FINISH              | 205             | EA          | \$                      | \$                         | \$                                     | \$                                |
| 88          | 1551        | C          | DETECTABLE WARNING, TYPE "E"           | 205             | EA          | \$                      | \$                         | \$                                     | \$                                |

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| <u>ITEM</u> | <u>SPEC</u> | <u>CMS</u> | <u>DESCRIPTION</u>                              | <u>QUANTITY</u> | <u>UNIT</u> | <u>Unit Price LABOR</u> | <u>Unit Price MATERIAL</u> | <u>Unit Price LABOR &amp; MATERIAL</u> | <u>Unit Item TOTAL IN FIGURES</u> |
|-------------|-------------|------------|---|-----------------|-------------|-------------------------|----------------------------|--|-----------------------------------|
| 89          | 12002       |            | ASPHALT BASED SEALER, COMPLETE                  | 23,715          | SY          | \$                      | \$                         | \$                                     | \$                                |
| 90          | 12002       |            | COAL TAR SEALER, COMPLETE                       | 13,500          | SY          | \$                      | \$                         | \$                                     | \$                                |
| 91          | 12005       |            | ASPHALT JOINT REPAIR                            | 100             | LF          | \$                      | \$                         | \$                                     | \$                                |
| 92          | 12006       |            | PARKING BLOCKS REMOVED AND DISPOSED             | 10              | EA          | \$                      | \$                         | \$                                     | \$                                |
| 93          | 12006       |            | PARKING BLOCKS REMOVED AND RESET, COMPLETE      | 168             | EA          | \$                      | \$                         | \$                                     | \$                                |
| 94          | 12006       |            | PARKING BLOCKS SUPPLIED AND INSTALLED, COMPLETE | 10              | EA          | \$                      | \$                         | \$                                     | \$                                |
| 95          | SPC         |            | GEOGRID, TENSAR BX1300 (SS-3) OR APPROVED EQUAL | 20              | SY          | \$                      | \$                         | \$                                     | \$                                |
| 96          | SPC         |            | 14' SPEED HUMP                                  | 2               | EA          | \$                      | \$                         | \$                                     | \$                                |

**INFORMAL TOTAL, ITEMS 1-96**


\$

CONTRACTOR \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY/STATE \_\_\_\_\_

SIGNATURE \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

PHONE NUMBER \_\_\_\_\_

FAX NUMBER \_\_\_\_\_

12007 MISCELLANEOUS IMPROVEMENTS

12007.01 General. The CONTRACTOR shall complete Miscellaneous Improvements in accordance with the CONTRACT DOCUMENTS. See graphics in the Appendix for improvement locations.

Surface Restoration at all Miscellaneous Improvement locations shall be performed in accordance with SUPPLEMENTAL SPECIFICATION 12000.06. All pavement repairs shall be completed in accordance with SUPPLEMENTAL SPECIFICATION 12250, PAVEMENT REPAIRS; asphalt sealing shall be completed in accordance with SUPPLEMENTAL SPECIFICATION 12002, ASPHALT BASED SEALER or SUPPLEMENTAL SPECIFICATION 12002, COAL TAR SEALER as identified in this section; and slurry sealing shall be performed in accordance with COLS Item 417 ASPHALT EMULSION SLURRY SEAL.

12007.02 425 W Schrock Road. The CONTRACTOR shall remove the existing drive apron and dropped curb and installed full height curbing. Asphalt curbing shall also be installed on the adjacent parking lot as directed by the ENGINEER.

Payment. The cost of this WORK shall include all materials, labor, equipment, and incidentals necessary to complete the improvements and will paid at the unit price bid for the following items:

| <u>Item</u> | <u>Unit</u> | <u>Description</u> |
|-------------|-------------|--------------------|
| 202         | Square Yard | Pavement Removed   |
| 609         | Linear Foot | Curb, Type 6, Spot |
| 609         | Linear Foot | Asphalt Curb, Spot |

12007.03 Bike Paths and City Park Parking Lot Improvements

As directed by the ENGINEER, the CONTRACTOR shall temporarily erect signs wherever a roadway intersects a bikepath identified in this section. The signs shall indicate the date when the path will be closed for maintenance and shall be removed immediately (or properly covered if immediate removal is not possible) once the WORK is complete. The specific language for the sign will be determined by the ENGINEER. All WORK in relation to this requirement shall be performed in accordance with SUPPLEMENTAL SPECIFICATION 12630, TRAFFIC SIGNS AND SIGN SUPPORTS. The signs and ground mounted supports shall become the property of the OWNER.

A. Huber Village Park Drive and Parking Lots

This WORK includes pavement repairs, crack sealing, coal tar sealing, parking block removal and replacement, and pavement marking of existing driveway and parking lots. Pavement repairs shall be completed prior to the crack sealing and pavement sealing operations at locations determined by the ENGINEER.

Handicapped accessible parking stalls shall be marked with the international symbol

of accessibility (blue with a white logo.)

**B. Heritage Park Drive and Parking Lots**

This WORK includes pavement repairs, crack sealing, slurry sealing, parking block removal and replacement, and pavement marking of existing driveway and parking lots. Pavement repairs shall be completed prior to the crack sealing and pavement sealing operations at locations determined by the ENGINEER.

Handicapped accessible parking stalls shall be marked with the international symbol of accessibility (blue with a white logo.)

**C. Westerville Bikeway & Hoff Wood Connector Path**

This WORK includes pavement repairs, concrete repairs, crack sealing (Type 1), asphalt based pavement sealing, and pavement marking of existing bikepath. Pavement repairs shall be completed prior to crack sealing and pavement sealing operations at locations determined by the ENGINEER.

**D. Alum Creek Bikeway**

This WORK includes pavement repairs, concrete repairs, crack sealing (Type 1), asphalt based pavement sealing, and pavement marking of existing bikepath. Pavement repairs shall be completed prior to crack sealing and pavement sealing operations at locations determined by the ENGINEER.

**E. County Line Acres Bikeway**

This WORK includes pavement repairs, crack sealing (Type 1), concrete repairs, asphalt based pavement sealing, and pavement marking of existing bikepath. Pavement repairs shall be completed prior to crack sealing and pavement sealing operations at locations determined by the ENGINEER.

**F. Hanawalt Road Bikeway**

This WORK includes pavement repairs, crack sealing (Type 1), asphalt based pavement sealing, and pavement marking of existing bikepath. Pavement repairs shall be completed prior to crack sealing and pavement sealing operations at locations determined by the ENGINEER.

Payment. The cost of this WORK shall include all materials, labor, equipment, and incidentals necessary to complete the improvements and will be paid at the unit price bid for the following items:

| <u>Item</u> | <u>Unit</u> | <u>Description</u>                                |
|-------------|-------------|---|
| 251         | Square Yard | Partial Depth Pavement Repair, less than 7' Wide  |
| 251         | Square Yard | Partial Depth Pavement Repair, 7' Wide or Greater |
| 253         | Square Yard | Pavement Repair, less than 7' Wide                |

|         |             |  |
|---------|-------------|--|
| 253     | Square Yard | Pavement Repair, 7' Wide or Greater        |
| 417COLS | Square Yard | Asphalt Emulsion Slurry Seal, Type I       |
| 423     | Pound       | Crack Sealant, Rubberized                  |
| 423     | Pound       | Crack Sealant, Type 1                      |
| 608COLS | Square Foot | 4" Concrete Walk                           |
| 608COLS | Square Foot | 8" Concrete Walk                           |
| 642     | Linear Foot | Centerline, Solid White, Type 2, Bikepath  |
| 642     | Mile        | Centerline, Dashed White, Type 2, Bikepath |
| 642     | Each        | International Symbol of Accessibility      |
| 642     | Each        | Lane Arrow, Type 2                         |
| 642     | Square Foot | Painted Island                             |
| 642     | Linear Foot | Parking Lot Stall Marking, Type 2          |
| 642     | Linear Foot | Stop Line 24", Type 2                      |
| 642     | Linear Foot | Stop Line 24", Type 2, Bikepath            |
| 644     | Linear Foot | Warning Stripes, 4" Yellow, Bikepath       |
| 12002   | Square Yard | Asphalt Based Sealing, Complete            |
| 12002   | Square Yard | Coal Tar Sealing, Complete                 |
| 12006   | Each        | Parking Blocks Removed and Reset, Complete |

12108 CONSTRUCTION SCHEDULE

12108.01 General. This WORK shall be performed in accordance with COLS Item 108.03 except that the CONTRACTOR shall submit three copies of the construction schedule a minimum of one week prior to the preconstruction meeting. Any request for extension of the contract completion date must be in accordance with GENERAL CONDITION 11015.

12108.02 Interim Completion Dates. The CONTRACTOR shall show the following interim completion dates as milestones on the schedule which shall be met except as otherwise provided for elsewhere in the CONTRACT DOCUMENTS:

- The CONTRACTOR shall complete the sign and pavement marking installation listed in the Appendix within 14 calendar days following the date of the Pre-Construction meeting (NOTE: additional striping locations to be addressed within this time frame will be provided at the preconstruction meeting)
- The CONTRACTOR shall install detector loops at Main St / Cleveland Ave and Main St / Collegeview Rd prior to May 15, 2009 (NOTE: actual date of installation shall be coordinated with the West Main Street Conduit and Manhole System CONTRACTOR)
- All WORK identified in SUPPLEMENTAL SPECIFICATION 12007.02 (425 W Schrock Rd) shall be complete by May 29, 2009
- All WORK associated with SUPPLEMENTAL SPECIFICATION 12631, SCHOOL FLASHING LIGHT, shall be complete by May 29, 2009
- The CONTRACTOR shall complete all WORK on streets which have, or are near, schools as defined by the ENGINEER, prior to August 03, 2009
- Pavement markings on arterial and collector streets shall be completed prior to August 3, 2009

12108.03 Schedule Constraints. The construction schedule for the PROJECT shall take into consideration the following constraints:

- No WORK shall be performed on arterial streets between the hours of 6:30 A.M. and 8:30 A.M. and between 4:00 P.M. and 6:00 P.M., Monday through Friday, without prior written approval of the ENGINEER. There may be additional restrictions, between 11:00 A.M. and 1:00 P.M., at the intersection of two arterial streets. Reference the Functional Class Plan in the Appendix for the identification of arterial streets
- The CONTRACTOR shall complete permanent pavement markings within forty-eight (48) hours on any treated arterial or collector street

- Curb ramp installation shall be completed prior to an asphalt surface course installation
- The CONTRACTOR shall provide a minimum of two week notice prior to performing any WORK at the locations noted in SUPPLEMENTAL SPECIFICATION 12007 MISCELLANEOUS IMPROVEMENTS. The CONTRACTOR shall coordinate the WORK with scheduled Parks and Recreation facility usage and programs. All Parks are required to be safe and open for weekend use. Given reasonable notice by the CONTRACTOR, facilities with no programs scheduled may be permitted to be closed to the public so WORK can be performed more expeditiously. Additional constraints shall apply at the following locations;
  - The WORK at the Community Center shall be completed in a minimum of three phases so the facility remains open and accessible. Parking lot stall markings shall be completed on one phase prior to commencement of pavement treatment on another phase. Facility hours are 5:45 am to 9:00 pm Monday through Friday; 8:00 am to 9:00 pm Saturday; noon to 5:00 pm Sunday. Optimal time for completing work at this facility is between August 17 and August 30
  - The WORK at Huber Village and Heritage Parks shall be scheduled such that each facility is fully open and accessible by 5 pm each weekday between March 16 and October 23 - WORK on Saturdays will not be permitted at these facilities during this period. Optimal time for completing WORK at these facilities is August 1 through August 15 – Monday through Friday at Huber Park and Tuesdays, Wednesdays, and Fridays at Heritage Park
  - One week prior to performing WORK at Westerville Bikeway, Hoff Woods Connector, Alum Creek Bikeway, County Line Acres Bikeway, and Hanawalt Bikeway, the CONTRACTOR shall install notification signs as in accordance with SUPPLEMENTAL SPECIFICATION 12007

12108.04

Payment. No separate payment shall be made for WORK defined in this section and all costs in connection therewith, shall be included in the contract prices for the items of WORK to which the WORK is incidental.

12114 CONTRACTOR COORDINATION

12114.01 General. The CONTRACTOR is advised of other contracts within the work limits and in the vicinity of the PROJECT. These contracts include the 2009 Street Rehabilitation Project Contract B, 2009 Sidewalk Reconstruction Program, the 2009 Street Light Replacement Project, West Main Street Conduit and Manhole System, and other sundry projects. The CONTRACTOR shall cooperate with other contractors regarding staging, stockpiling, site access, and any other needs as directed by the ENGINEER. In addition, the CONTRACTOR shall coordinate all WORK in accordance with the Ohio Department of Transportation, Construction and Materials Specifications, Section 105.07 "Cooperation Between Contractors."

12114.02 Payment. No separate compensation will be made for this Item and all costs in connection therewith, shall be included in the price bid for Item 624, MOBILIZATION.

12417 ASPHALT EMULSION SLURRY SEAL

12417.01 General. This WORK shall be completed on streets as indicated in the section labeled "Principal Work Locations" of the CONTRACT DOCUMENTS or as directed by the ENGINEER. The CONTRACTOR shall wait seven (7) days after the crack filling operation is complete before applying this surface treatment on those streets identified for crack fill and slurry sealing. See SUPPLEMENTAL SPECIFICATION 12600, INCIDENTAL TRAFFIC CONTROL for requirements regarding pavement markings, markers, and signing. COLS Item 417, ASPHALT EMULSION SLURRY SEAL shall govern the installation of this item. Special care shall be exhibited to keep the slurry seal off of the concrete gutter pan and out of curb can holes. The CONTRACTOR is responsible for cleaning the gutters and can holes after the application of the slurry seal.

12417.02 Screenings. Sand or screenings used to open any portion of a treated surface to traffic shall be removed from the street within 48 hours of its placement, unless otherwise approved by the ENGINEER. In the event rain is predicted within this 48-hour period, the sand or screenings shall be removed prior to the onset of the rain. The CONTRACTOR shall submit the proposed method of removal to the ENGINEER for review and approval. No separate payment shall be made for the placement and subsequent removal of screenings.

12417.03 Street Sweeping, As Directed. The CONTRACTOR shall utilize street sweeping vehicles to clean streets and gutters (post-treatment) of raveled material when directed by the ENGINEER. This is a contingency item to be used only when directed and is not to be utilized for the WORK identified in SUPPLEMENTAL SPECIFICATION section 12417.02. The unit payment for mechanical street sweeping vehicles shall be by the hour and include travel time to and from the site, port to port.

12417.04 Additional Weather Limitations. The CONTRACTOR shall not place slurry seal if rain is imminent or is forecast to occur within the material's required curing period. The CONTRACTOR shall have on hand a sufficient supply of inlet protection devices (dandy bags and beaver dams) and place them on inlets of street with uncured surfaces if unforeseen inclement weather occurs. No separate payment shall be made for this WORK.

12417.05 Payment. The cost of this WORK, regardless of minimum or maximum quantity and location of WORK, shall be paid for at the unit price bid for:

| <u>Item</u> | <u>Unit</u> | <u>Description</u>                   |
|-------------|-------------|--------------------------------------|
| 417C        | Square Yard | Asphalt Emulsion Slurry Seal, Type I |
| 417C        | Hour        | Street Sweeping, As Directed         |

12614 MAINTAINING TRAFFIC

12614.01 General. The CONTRACTOR shall be responsible for providing all traffic control devices, flaggers and police officers required to properly and safely maintain traffic.

All traffic control devices shall be furnished, erected, maintained and removed by the CONTRACTOR in accordance with the "Ohio Manual of Uniform Traffic Control Devices for Streets and Highways", current revision (OMUTCD).

The ENGINEER should be notified immediately if any traffic signs will interfere with the WORK or be lowered or dislodged by construction.

A flashing arrow panel shall be used for lane closures on multi-lane roadways (i.e.; the closure of one lane of two lanes of traffic in same direction) and drum spacing shall be 50 feet maximum except on tapers where it shall be 25 feet maximum. The length of restricted traffic zones shall be kept to a minimum consistent with the specification requirements for protection of completed courses.

The services of special duty Westerville City Police Officers may be required during peak traffic periods. If so required, the CONTRACTOR shall provide such services at the direction of the ENGINEER.

Payment. All costs associated with this WORK will be made at the unit price bid:

| <u>Item</u> | <u>Unit</u> | <u>Description</u>      |
|-------------|-------------|-------------------------|
| 614         | Lump Sum    | Maintaining Traffic     |
| 614         | Hours       | Law Enforcement Officer |

12614.02 Temporary Pavement Markings

General. The CONTRACTOR shall furnish, install, maintain and when necessary, remove work zone retro-reflective pavement markings on planed surfaces of arterial and collector streets. Temporary pavement marking materials shall be COLS Item 614.11. Application shall be in accordance with COLS Item 641.06.

Work Zones. Temporary pavement markings are required on arterial and collector streets as directed by the ENGINEER.

Basis of Payment. Temporary pavement markings will include layout, application and removal. The CONTRACTOR shall be paid at the lump sum price bid for COLS Item 614, TEMPORARY PAVEMENT MARKINGS, for all materials, labor, incidentals and equipment for placement and maintenance of the markings in accordance with these specifications.

| <u>Item</u> | <u>Unit</u> | <u>Description</u>          |
|-------------|-------------|-----------------------------|
| 614         | Lump Sum    | Temporary Pavement Markings |

PRINCIPAL WORK LOCATIONS  
PLANE AND OVERLAY STREETS

| Street           | ID | Limits                            | Length | Width | Calc SF | True SF | Ramps |
|------------------|----|-----------------------------------|--------|-------|---------|---------|-------|
| AUTUMN LAKE CT   | 01 | HEMPSTEAD RD N to DEAD END E      | 441    | 22    | 9,702   | 9,702   |       |
| BABBINGTON CT    | 01 | DEAD END W to MAINSAIL DR         | 528    | 22    | 11,616  | 17,719  | 8     |
| BROOKSTONE BL    | 01 | COBBLESTONE AV to GEMSTONE SQ     | 279    | 48    | 13,392  | 13,392  | 6     |
| BROOKSTONE BL    | 02 | GEMSTONE SQ to WALNUT ST E        | 206    | 48    | 9,888   | 9,888   | 6     |
| CHARTERHOUSE CT  | 01 | MAINSAIL DR to DEAD END E         | 392    | 22    | 8,624   | 12,693  | 8     |
| CHATHAM RIDGE RD | 01 | LAUREL DR to IPSWICH ST           | 307    | 22    | 6,754   | 6,754   | 6     |
| CHATHAM RIDGE RD | 02 | IPSWICH ST to FOREST RISE DR      | 422    | 22    | 9,284   | 9,284   | 6     |
| CHATHAM RIDGE RD | 03 | FOREST RISE DR to HARWICK ST      | 288    | 22    | 6,336   | 6,336   | 6     |
| CHATHAM RIDGE RD | 04 | HARWICK ST to IPSWICH ST          | 286    | 22    | 6,292   | 6,292   | 6     |
| CHATHAM RIDGE RD | 05 | IPSWICH ST to SUNBURY RD S        | 435    | 32    | 13,920  | 13,920  |       |
| **CLEVELAND AV   | 07 | HANAWALT RD to COUNTY LINE RD W   | 3,308  | 60    | 198,480 | 198,480 |       |
| **CLEVELAND AV   | 08 | COUNTY LINE RD W to POLARIS PKWY  | 3,203  | 60    | 192,180 | 192,180 |       |
| DANVERS AV       | 01 | ORMSBEE AV to ARUNDEL AV          | 1,171  | 22    | 25,762  | 25,762  |       |
| DENMAN CT        | 01 | DEAD END SW to FARRINGTON DR      | 797    | 22    | 17,534  | 21,603  | 6     |
| DRAKEWOOD RD     | 03 | DEAD END W to GLENACRE DR         | 259    | 22    | 5,698   | 5,698   |       |
| GURGUN LN        | 01 | LEIGHWAY DR to KITTY DR           | 585    | 22    | 12,870  | 12,870  |       |
| GURGUN LN        | 02 | KITTY DR to LORI LN               | 386    | 22    | 8,492   | 8,492   | 6     |
| HEMPSTEAD CT     | 01 | HEMPSTEAD RD N to DEAD END NE     | 397    | 22    | 8,734   | 12,803  | 6     |
| LAKE HARBOR CT   | 01 | MAINSAIL DR to DEAD END E         | 388    | 22    | 8,536   | 8,536   | 6     |
| LAWRENCE RD      | 01 | NICOLE RD to HELENHURST CT        | 349    | 22    | 7,678   | 7,678   |       |
| LAWRENCE RD      | 02 | HELENHURST CT to KAREN CT         | 166    | 22    | 3,652   | 3,652   | 6     |
| LAWRENCE RD      | 03 | KAREN CT to MIKE CT               | 119    | 22    | 2,618   | 2,618   | 6     |
| LAWRENCE RD      | 04 | MIKE CT to LAKEWAY CT             | 295    | 22    | 6,490   | 6,490   | 6     |
| LINNCREST DR     | 01 | GLADALE DR to SPRING RD N         | 1,032  | 22    | 22,704  | 22,704  |       |
| LYNDALE DR       | 01 | HEMPSTEAD RD N to ELCLIFF DR      | 821    | 22    | 18,062  | 18,062  |       |
| LYNDALE DR       | 02 | ELCLIFF DR to MARIE LOU DR        | 409    | 22    | 8,998   | 8,998   |       |
| LYNDALE DR       | 03 | MARIE LOU DR to ELCLIFF DR        | 196    | 22    | 4,312   | 4,312   | 6     |
| LYNDALE DR       | 04 | ELCLIFF DR to LAKETREE CT         | 362    | 22    | 7,964   | 7,964   | 6     |
| MAINSAIL DR      | 01 | HEMPSTEAD RD S to CHARTERHOUSE CT | 1,154  | 22    | 25,388  | 25,388  | 2     |
| MAINSAIL DR      | 02 | CHARTERHOUSE CT to FARRINGTON DR  | 582    | 22    | 12,804  | 12,804  | 8     |
| MAINSAIL DR      | 03 | FARRINGTON DR to HARBOR VIEW DR   | 640    | 22    | 14,080  | 14,080  | 6     |
| MAINSAIL DR      | 04 | HARBOR VIEW DR to BLUESAIL DR     | 715    | 22    | 15,730  | 15,730  | 6     |
| MAINSAIL DR      | 05 | BLUESAIL DR to LAKE HARBOR CT     | 281    | 22    | 6,182   | 6,182   | 6     |
| MAINSAIL DR      | 06 | LAKE HARBOR CT to WALNUT ST E     | 463    | 22    | 10,186  | 10,186  | 6     |
| MARJORIE CT      | 01 | REBECCA AV to DEAD END N          | 230    | 22    | 5,060   | 9,129   |       |
| McCORKLE BL      | 05 | WYNDHAM PARK S to PROGRESSIVE WY  | 753    | 33    | 24,849  | 24,849  | 6     |
| McCORKLE BL      | 06 | PROGRESSIVE WY to HOFF RD         | 1,127  | 33    | 37,191  | 37,191  | 6     |
| McCORKLE BL      | 07 | HOFF RD to WESTDALE AV            | 512    | 33    | 16,896  | 16,896  | 6     |
| RIVER TRACE      | 01 | WATERTON DR to HANAWALT RD        | 1,500  | 22    | 33,000  | 33,000  | 8     |

PRINCIPAL WORK LOCATIONS  
PLANE AND OVERLAY STREETS

| Street           | ID | Limits                              | Length | Width | Calc SF   | True SF   | Ramps |
|------------------|----|-------------------------------------|--------|-------|-----------|-----------|-------|
| **STATE ST N     | 11 | MAXTOWN RD to CORP LIMIT N          | 1,833  | 60    | 109,980   | 109,980   |       |
| THREE FORKS DR N | 01 | BROKEN BOW CT to LANCE CT           | 417    | 22    | 9,174     | 9,174     | 6     |
| THREE FORKS DR N | 02 | LANCE CT to CROOKED TREE CT         | 470    | 22    | 10,340    | 10,340    | 6     |
| THREE FORKS DR N | 03 | CROOKED TREE CT to THREE FORKS DR S | 282    | 22    | 6,204     | 6,204     | 6     |
| THREE FORKS DR N | 04 | THREE FORKS DR S to SUNBURY RD S    | 470    | 22    | 10,340    | 10,340    | 8     |
| THREE FORKS DR S | 01 | BROKEN BOW CT to THREE FORKS DR N   | 1,234  | 22    | 27,148    | 27,148    | 12    |
| WINMAR PL E      | 01 | WINMAR PL S to OLD COACH RD         | 560    | 22    | 12,320    | 12,320    |       |
| WINMAR PL S      | 01 | WINMAR PL W to WINMAR PL E          | 300    | 22    | 6,600     | 6,600     |       |
| WINMAR PL W      | 01 | WINMAR PL S to OLD COACH RD         | 882    | 22    | 19,404    | 19,404    |       |
| TOTAL SF:        |    |                                     |        |       | 1,284,620 | 1,284,621 | 204   |
| TOTAL SY:        |    |                                     |        |       | 142,736   | 142,736   |       |

\* AC TYPE 1H, PG70-22M (HEAVY)

# PROJECT MAP

