

CITY OF CLYDE

CLYDE, OHIO

EAST STREET IMPROVEMENTS

ADDENDUM NO. 1

JULY 30, 2012

All prospective bidders are hereby notified that this addendum forms a part of the contract documents and modifies the original bidding documents dated JULY, 2012. Acknowledge receipt of this addendum in the space provided in the bid proposal section of the specifications. Failure to do so may subject the bidder to disqualification.

PREPARED BY:

GGJ, INC.  
35585 Curtis Boulevard, Unit C  
Eastlake, Ohio 44095  
(440) 953-1567 (voice)  
(440) 953-0580 (fax)

**\*\*THIS ADDENDUM IS BEING TRANSMITTED VIA  
FAX ONLY. NO "HARD COPY" WILL BE SENT.\*\***

**Please acknowledge receipt by signing below  
and faxing back this cover sheet only ASAP  
to (440)953-0580.**

**COMPANY** \_\_\_\_\_

**NAME** \_\_\_\_\_

**DATE** \_\_\_\_\_

### **GENERAL COMMENTS**

- Sanitary Sewer laterals shall be constructed to the Right of Way.
- Type 2 gutter shall be 6" thick.
- Contractor is required to have all appropriate railroad insurance.
- Due to printing errors Section 00300 Bid proposal form has been reissued. No other changes have been made.
- It is in the Contractor's best interest to supply a bid price for both the "Through Street' and the "Cul-De-Sac) designs. The deciding factor on which option will actually be constructed will NOT be decided by the cost. Therefore the Contractor shall complete both bids to be eligible for either of the options.

### **CONTRACT SPECIFICATIONS**

#### **1. SECTION 00300 (BID PROPOSAL FORM)**

**REMOVE:** Entire Section

**REPLACE:** Entire Section

### **CONTRACT DRAWINGS**

#### **1. SHEET 12 of 12**

**ADD:** Type "C" Pavement Replacement Detail

**ADD:** Concrete Drive Section

**ADD:** Gravel Drive Section

**ADD:** Asphalt Drive Section

**ADD:** Typical Sidewalk Detail

**ADD:** Lawn Restoration Detail

**CITY OF CLYDE  
EAST STREET IMPROVEMENTS**

**BASIS OF PAYMENT**

**GENERAL:** Payment for the work Items shall be at the total unit or lump sum price Bid for each unit of work completed and accepted in accordance with the Contract Documents.

The latest "State of Ohio, Department of Transportation, Construction and Material Specifications" manual shall govern the material and procedures used in this project, if not otherwise specified in the project Specifications or noted on the Drawings.

**PRICES TO INCLUDE:** For each Bid Item, the total unit price or lump sum price Bid shall be considered full compensation for the completed and accepted work, and shall include all labor, materials, tools, equipment and transportation needed to perform the work in accordance with the Contract Documents so as to provide a complete and properly functional system. The General Contractor shall be responsible for reviewing the contents and conditions of all Contract Documents as they may relate to the work under this Contract and comply with the requirement thereof.

**ITEM 1 - BONDS AND INSURANCE**

**A. Payment:**

1. The lump sum amount stated in the Bid Schedule for bonds and insurance shall include all bonds and insurance required to be in force at the commencement of the work. Successful bidder will be required to provide receipts verifying the actual costs of this item when known.
2. Subsequent expenses for bonds and insurance as may be necessary throughout the contract period for changes to the contract or for other occurrences, shall not be a part of this item.
3. Fees for bonds and insurance due to changes in the work shall be respectively a part of the cost of that work.

**ITEM 2 - MOBILIZATION**

- A. Work included:** As described in Section 00800 Supplementary Conditions SC-22 and other work incidental to this Item.
- B. Payment:** Lump Sum price with payments as specified in Section 00800 Supplementary Conditions SC-22.

**ITEM 3 – MAINTENANCE OF TRAFFIC**

- A. Description:** This work in this Item shall consist of work shall consists of maintaining and protecting vehicular and pedestrian traffic at the work area while the contract is in force, in accordance with the latest Ohio Department of Transportation Construction and Material Specifications, including all current supplemental specifications and standard construction drawings and all specifications and drawings in these Contract Documents and in this contract book.
- B. Payment:** The Lump Sum Price bid for Item Maintaining Traffic shall include the cost of removal of conflicting pavement markings and placement of interim markings, maintaining the existing roadways in a safe condition for public use, providing flaggers and their equipment, furnishing and maintaining and subsequently removing temporary traffic control items as required by the plans and specifications.

**ITEM 4 – CONSTRUCTION LAYOUT STAKES**

- A. Description:** This work in this Item shall consist of providing all construction stakes required to complete the work as shown in the Drawings and/or specified in the Contract Documents.

- B. Payment: The Lump Sum Price bid for this Item shall include providing all construction stakes required to complete the work as shown in the Drawings and/or specified in the Contract Documents.

**ITEM 5 – CONCRETE CURB REMOVED**

- A. Description: The work in this Item consist of the removal and disposal of existing concrete curb as shown on the Drawings and/or Specifications and as follows:
1. All removed material shall be disposed of by the Contractor at his own expense.
- B. Payment: The unit price stipulated for removal of this Item – Concrete Curb which shall be a lump sum including labor, equipment, and disposal of same by the contractor.

**ITEM 6 – ASPHALT PAVMENT REMOVED**

- A. Description: The work in this Item consists of the full depth removal of existing pavement in areas that require removal for the purposes of constructing new roadway and relocation of utilities. All excavated material shall first be offered to the City for reuse. If the City accepts the excavated material the contractor shall be responsible for hauling the material to a destination determined by the City. If the City refuses the material the contractor shall be responsible for the disposing material offsite.
- B. Payment: The unit price stipulated shall be full compensation for each cubic yard of existing pavement removed and shall include the excavation and removal of all excavated material.

**ITEM 7 – REMOVE EXISTING CONCRETE DRIVEWAY AND APRON**

- A. Description: The work in this Item shall consist of the removal and disposal of existing concrete driveway as shown on the Drawings and/or Specifications and as follows:
1. All removed material shall be disposed of by the Contractor at his own expense.
  2. A neat joint shall be sawed or otherwise cut at the removal limit if it does not occur at an existing joint.
- B. Payment: The unit price stipulated shall be full compensation for removal of each square yard of concrete driveway removed, which shall include labor, equipment, saw cutting and disposal of same by the contractor.

**ITEM 8 – REMOVE EXISTING GRAVEL DRIVEWAY AND APRON**

- A. Description: The work in this Item shall consist of the removal and disposal of existing gravel driveway as shown on the Drawings and/or Specifications and as follows:
1. All removed material shall be disposed of by the Contractor at his own expense.
- B. Payment: The unit price stipulated shall be full compensation for removal of each square yard of gravel driveway removed, which shall include labor, equipment, and disposal of same by the contractor.

**ITEM 9 – REMOVE EXISTING ASPHALT DRIVEWAY AND APRON**

- A. Description: The work in this Item shall consist of the removal and disposal of existing asphalt driveway as shown on the Drawings and/or Specifications and as follows:
1. All removed material shall be disposed of by the Contractor at his own expense.
  2. A neat joint shall be sawed or otherwise cut at the removal limit if it does not occur at an existing joint.
- B. Payment: The unit price stipulated shall be full compensation for removal of each square yard of asphalt driveway removed, which shall include labor, equipment, saw cutting and disposal of same by the contractor.

**ITEM 10 – REMOVE EXISTING SIDEWALK, INCLUDING CURB RAMPS**

- A. Description: The work in this Item shall consist of the removal and disposal of existing sidewalks and curb ramps as shown on the Drawings and/or Specifications and as follows:

1. All removed material shall be disposed of by the Contractor at his own expense.
  2. A neat joint shall be sawed or otherwise cut at the removal limit if it does not occur at an existing joint.
- B. Payment: The unit price stipulated shall be full compensation for removal of each square foot of sidewalk or curb ramp which shall include labor, equipment, saw cutting and disposal of same by the contractor.

**ITEM 11– MANHOLE REMOVED**

- A. Description: This work in this Item shall consist of the removal of existing manholes as shown on the Drawings and/or Specifications.
- B. Payment: The unit price stipulated shall be full compensation for each manhole removed. The price shall include furnishing labor, backfill, compaction, sheeting, shoring, restoring all disturbed areas and utilities to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.
- C. Disposal of Manholes shall be as follows:
1. All removed material shall be disposed of by the Contractor at his own expense.
  2. All castings shall be stored by the contractor for salvage by the City

**ITEM 12 – CATCH BASIN REMOVED**

- A. Description: This work in this Item shall consist of the removal of existing catch basins as shown on the Drawings and/or Specifications.
- B. Payment: The unit price stipulated shall be full compensation for each catch basin removed. The price shall include furnishing labor, backfill, compaction, sheeting, shoring, restoring all disturbed areas and utilities to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.
- C. Disposal of Catch Basins shall be as follows:
1. All removed material shall be disposed of by the Contractor at his own expense.
  2. All castings shall be stored by the contractor for salvage by the City

**ITEM 13 – EXCAVATION, LESS PAVEMENT REMOVED**

- A. Description: The work in this Item shall consist of the removal and disposal of existing material, not including existing pavement, to reach the bottom of the sub-base of the proposed pavement as shown on the Drawings and/or Specifications.
- B. Payment: The unit price stipulated for this Item will be for each cubic yard excavated and disposed of as shown on the Drawings and/or Specifications.

**ITEM 14 – EMBANKMENT**

- A. Description: The work in this Item shall consist of the use of acceptable excavated material to be used for embankment purposes as shown on the Drawings and/or Specifications, less 3" of topsoil, which will be paid for under the item for topsoil.
- B. Payment: The unit price stipulated for this Item will be for each cubic yard of embankment placed as shown on the Drawings and/or Specifications.

**ITEM 15 – EXCAVATION & GRANULAR MATERIAL, (AASHTO #1, #2, & #10)**

- A. Description: The work in this Item shall consist of the excavating, furnishing, placing and compacting one or more courses of aggregate, including furnishing and incorporating all water required for compacting on a

prepared surface, and in reasonably close conformity to the lines, grades and typical cross sections shown on the Drawings and/or Specifications.

- B. Payment: The unit price stipulated to be paid per cubic yard of excavated material removed and placed performed and measured for payment purposes shall be full compensation for the actual number of cubic yards installed complete and in place, including labor, materials and equipment.

**ITEM 16** – GEOGRID, (ODOT ITEM 861, Special Material per plans)

- A. Description: This work shall consist of furnishing and placing geogrid over prepared subgrade as specified over an area within the contract (pay) limits.
- B. Payment: The unit price stated in the Bid Schedule shall be full compensation for each square yard of geogrid furnished and placed which is directly or indirectly caused by the project work as shown on the Drawings and/or specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 17** –SEEDING & MULCHING

- A. Measurement: The quantity of each type of seeding and mulching measured for unit price payment purposes, will be the number of square yards of seeding and mulching acceptably placed and compacted when required or as specified over an area within the contract (pay) limits.
- B. Payment: The unit price stated in the Bid Schedule shall be full compensation for each square yard of seeding and mulching furnished and installed which is directly or indirectly caused by the project work as shown on the Drawings and/or specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 18** –3 INCH TOPSOIL, FURNISHED AND PLACED

- A. Description: This work shall consist of furnishing and spreading topsoil and preparing subgrade as specified over an area within the contract (pay) limits.
- B. Payment: The unit price stated in the Bid Schedule shall be full compensation for each cubic yard of topsoil furnished and placed which is directly or indirectly caused by the project work as shown on the Drawings and/or specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 19** – REMOVE AND RESET EXISTING GROUND MOUNTED SIGNS

- A. Description: This work in this Item shall consist of removing and resetting existing ground mounted signs as shown in the Drawings and/or specified in the Contract Documents.
- B. Payment: The unit price stipulated shall be full compensation for each existing ground mounted sign removed and reset as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 20** - TACK COAT .05 GAL./S.Y.

- A. Description: The work in this Item shall consist of preparing and treating a paved surface with bituminous material and will be measured by the gallon actually installed under this item.
- B. Payment: The unit price stipulated per gallon of this Item – Tack Coat as shown on the Drawings and/or Specifications including labor, materials and equipment.

**ITEM 21** - PRIME COAT 0.35 GAL./S.Y.

- A. Description: The work in this Item shall consist of preparing and treating a paved surface with bituminous material and will be measured by the gallon actually installed under this item.
- B. Payment: The unit price stipulated per gallon of This Item – Prime Coat as shown on the Drawings and/or Specifications including labor, materials and equipment.

**ITEM 22** – COMBINATION CURB & GUTTER, TYPE 2

- A. Description: This work shall consist of the construction of Type 2 Curb and Gutter and shall conform to the plans and specifications.
- B. Payment: The unit price stipulated to be paid for each linear foot of Type 2 Curb and Gutter shall be full compensation for the actual number of linear feet installed including all labor, laying, restoring all disturbed areas, and all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 23** – 6" PERFORATED PIPE UNDERDRAIN WITH FILTER SOCK AND WASHED GRANULAR MATERIAL

- A. Description: This work in this Item shall consist of the placement of shallow pipe underdrains as shown on the plans and specification and shall include excavation, bedding, and tees left for future connections.
- B. Payment: The unit price stipulated to be paid for each lineal foot of Pipe Underdrain With Filter Sock and Washed Granular Material, shall be full compensation for the actual number of lineal feet of pipe furnished and installed including labor, materials and equipment.

**ITEM 24**- 1.5" ASPHALT CONCRETE (ODOT ITEM 448 LEVELING COURSE, TYPE 2)

- A. Description: The work in this Item shall consist of constructing a leveling course of aggregate and asphalt cement mixed in a central plant and spread on a prepared surface in accordance with the Drawings and/or Specification.
- B. Payment: The unit price stipulated per cubic yard of this Item – Asphalt Concrete, shall be full compensation for the actual number of cubic yards installed complete and in place, including labor, materials and equipment.

**ITEM 25** - 1-1/2" ASPHALT CONCRETE (ODOT Item 448 Surface Course, Type 1)

- A. Description: The work in this Item shall consist of constructing a surface course of aggregate and asphalt cement mixed in a central plant and spread on a prepared surface in accordance with the Drawings and/or Specification.
- B. Payment: The unit price stipulated per cubic yard of this Item – Asphalt Concrete, shall be full compensation for the actual number of cubic yards installed complete and in place, including labor, materials and equipment.

**ITEM 26** - 3" BITUMINOUS AGGREGATE BASE (ODOT ITEM 301)

- A. Description: The work in this Item shall consist of constructing a base course of aggregate and bituminous material, mixed in a central plant and spread on a prepared surface in accordance with the Drawings and/or Specifications.
- B. Payment: The unit price stipulated to be paid per cubic yard of this Item - 6" Bituminous Aggregate Base complete and in place including labor, materials and equipment.

**ITEM 27** - 6" AGGREGATE BASE (ODOT ITEM 304)

- A. Description: The work in this Item shall consist of the furnishing, placing and compacting one or more courses of aggregate, including furnishing and incorporating all water required for compacting on a prepared surface, and in reasonably close conformity to the lines, grades and typical cross sections shown on the Drawings and/or Specifications.
- B. Payment: The unit price stipulated to be paid per cubic yard of aggregate base work performed and measured for payment purposes shall be full compensation for the actual number of cubic yards installed complete and in place, including labor, materials and equipment.

**ITEM 28**– SUBGRADE COMPACTION

- A. Description: The work in this Item shall consist of the preparation of the sub-grade where pavement is to be placed. Including the testing of the stability and uniformity of compaction as well as proof rolling of the same.

- B. Payment: The unit price stipulated shall be full compensation for each square yard of Sub-grade Compaction as measured under the proposed pavement and shall include Proof Rolling.

**ITEM 29 – 4" CONCRETE SIDEWALK**

- A. Description: This item of work shall consist of constructing concrete walks in reasonable close conformity with lines, grades and dimensions shown on the plans or established by the Engineer.
- B. Payment: The unit price stated for 4" concrete sidewalk walk shall be full compensation for the actual number of square foot, calculated from pay limits, including labor, excavation, backfill, base course, expansion joint, forming, and excavation and removal of all excavated material, completed in compliance with the contract Drawings and Specifications.

**ITEM 30 - 4" AGGREGATE BASE (SIDEWALK)**

- A. Description: The work in this Item shall consist of the furnishing, placing and compacting one or more courses of aggregate, including furnishing and incorporating all water required for compacting on a prepared surface, and in reasonably close conformity to the lines, grades and typical cross sections shown on the Drawings and/or Specifications.
- B. Payment: The unit price stipulated to be paid per cubic yard of aggregate base work performed and measured for payment purposes shall be full compensation for the actual number of cubic yards installed complete and in place, including labor, materials and equipment.

**ITEM 31 – 4' CONCRETE CURB RAMPS W/TRUNCATED DOME PAVERS (ODOT ITEM 608)**

- A. Description: The work in this Item consists of construction of concrete curb ramps as shown on the plans and specifications.
- B. Payment: The unit price stipulated for each curb ramp shall be for the materials and labor to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 32 – 10' CONCRETE CURB RAMPS W/TRUNCATED DOME PAVERS (ODOT ITEM 608)**

- A. Description: The work in this Item consists of construction of concrete curb ramps as shown on the plans and specifications.
- B. Payment: The unit price stipulated for each curb ramp shall be for the materials and labor to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 33 – 6" PLAIN CONCRETE PAVEMENT, DRIVE APRONS (LIMESTONE AGGREGATE) (ODOT ITEM 452)**

- A. Description: This work shall consist of constructing a pavement composed of reinforced Portland cement concrete on a prepared subgrade and base course in accordance with the details, lines, grades, thickness and typical cross sections shown on the plans and specifications.
- B. Payment: The unit price stipulated shall be paid per square yard of 6" Plain Concrete Pavement, and shall be full compensation for furnishing and placing all materials including labor, equipment, and saw cutting to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 34 – CONCRETE DRIVEWAY BEHIND APRONS, DEPTH TO MATCH EXISTING**

- A. Description: This work shall consist of constructing a pavement composed of unreinforced Portland cement concrete shown on the plans and specifications. The depth shall match the existing driveway sections that are being removed.
- B. Payment: The unit price stipulated shall be paid per square yard of this item, and shall be full compensation for furnishing and placing all materials including labor, equipment, and saw cutting to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 35 – GRAVEL DRIVEWAY BEHIND APRONS, DEPTH TO MATCH EXISTING**



- A. Description: This work shall consist of constructing gravel driveway sections as shown on the plans and specifications. The depth shall match the existing driveway sections that are being removed.
- B. Payment: The unit price stipulated shall be paid per square yard of this item, and shall be full compensation for furnishing and placing all materials including labor and equipment to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 36** – ASPHALT DRIVEWAY BEHIND APRONS, DEPTH TO MATCH EXISTING

- A. Description: This work shall consist of constructing asphalt driveway sections as shown on the plans and specifications. The depth shall match the existing driveway sections that are being removed.
- B. Payment: The unit price stipulated shall be paid per square yard of this item, and shall be full compensation for furnishing and placing all materials including labor and equipment to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 37** – ADJUST EXISTING CASTINGS/ VALVE BOXES TO GRADE

- A. Description: The work in this Item consists of the adjustment of existing castings or valve boxes to grade.
- B. Payment: The unit price stated for this item shall be a lump sum for all of the work involved with adjusting existing castings or valve boxes to grade due to the proposed pavement improvements.

**ITEM 38** – TYPE C PAVEMENT REPLACEMENT

- A. Description: The work in this Item shall consist of the Type C pavement replacement in the areas shown on the Drawings.
- B. Payment: The unit price stipulated to be paid for each square yard of Type C Pavement Replacement shall be full compensation for the actual number of square yards, calculated from payment limits as called for in the contract drawings, completed in compliance with the contract drawings and specifications and accepted for payment purposes and shall include furnishing all labor, materials, tools, appliances and equipment necessary thereto and, in connection with same, restore all disturbed site features and other items plus provide all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 39** - NEOPLAST YARD DRAIN

- A. Description: The work in this Item shall consist of the construction of Yard Drains of the type and sizes shown on the Drawings and /or Specifications and shall include excavation, bedding, and backfill.
- B. Payment: The unit price for each Yard Drain shall be full compensation for the unit, furnished, installed, and connected in accordance with the Drawings and Specifications including excavation, backfill, labor material, inlet, equipment, and restoration.

**ITEM 40** - CATCH BASIN TYPE 3A

- A. Description: The work in this Item shall consist of the construction of Catch Basins of the type and sizes shown on the Drawings and /or Specifications and shall include excavation, bedding, and backfill.
- B. Payment: The unit price for each precast catch basin shall be full compensation for the catch basin, furnished, installed, and connected in accordance with the Drawings and Specifications including excavation, backfill, labor material, frame and grates, equipment, and restoration.

**ITEM 41**– 12" RCP SEWER PIPE (STORM)

- A. Description: The work in this Item shall consist of furnishing and installing RCP Storm Sewer Pipe as shown on the Drawings and/or specified, including removal and disposal of existing sewers. Measurements shall be made on a linear foot basis for the actual work performed under this item, measured along the horizontal projection of the longitudinal axis of the pipe.

- B. Payment: The unit price stated on the Bid Schedule shall be compensation for each lineal foot of pipe installed including all fittings and plugs measured for payment. The price shall include furnishing labor, backfill, compaction, laying, sheeting, shoring, inspection, testing of pipe and fittings, restoring all disturbed areas and utilities, removing existing sewers, concrete encasement and all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for –use installation.

**ITEM 42 – 24" RCP SEWER PIPE (STORM)**

- A. Description: The work in this Item shall consist of furnishing and installing RCP Storm Sewer Pipe as shown on the Drawings and/or specified, including removal and disposal of existing sewers. Measurements shall be made on a linear foot basis for the actual work performed under this item, measured along the horizontal projection of the longitudinal axis of the pipe.
- B. Payment: The unit price stated on the Bid Schedule shall be compensation for each lineal foot of pipe installed including all fittings and plugs measured for payment. The price shall include furnishing labor, backfill, compaction, laying, sheeting, shoring, inspection, testing of pipe and fittings, restoring all disturbed areas and utilities, removing existing sewers, concrete encasement and all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for –use installation.

**ITEM 43 – 24" D.I.P. CL 52 SEWER PIPE (STORM)**

- C. Description: The work in this Item shall consist of furnishing and installing DIP Storm Sewer Pipe as shown on the Drawings and/or specified, including removal and disposal of existing sewers. Measurements shall be made on a linear foot basis for the actual work performed under this item, measured along the horizontal projection of the longitudinal axis of the pipe.
- D. Payment: The unit price stated on the Bid Schedule shall be compensation for each lineal foot of pipe installed including all fittings and plugs measured for payment. The price shall include furnishing labor, backfill, compaction, laying, sheeting, shoring, inspection, testing of pipe and fittings, restoring all disturbed areas and utilities, removing existing sewers, concrete encasement and all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for –use installation.

**ITEM 44 – STORM SEWER BORE & JACK 36" STEEL CASING (24" DIP CL 52 CARRIER PIPE)**

- A. Measurement: The footage measured will be the actual number of lineal feet of Bore & Jack Construction complete in place as work performed under this item and measured from beginning to end along the longitudinal axis of each pipe run end to end of its respective steel casing.
- B. Payment: The unit price stipulated to be paid for each lineal foot of Bore & Jack sewer shall be full compensation for the actual number of lineal feet of Bore & Jack Construction including steel casing, DIP carrier pipe and boring and receiving pits installed, measured and accepted for payment purposes and shall include furnishing labor, materials, tools, appliances and equipment necessary to provide and install and test pipe, fittings and specials as specified and, in connection with same, to excavate, bed, backfill, shore, sheet, clear site, remove and dispose of existing structures, restore all disturbed utilities, structures, and site features plus provide all appurtenances to complete the work as shown on the drawings and specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 45 – STORM MANHOLE – 48" BASE**

- A. Description: The work in this Item shall consist of the construction of Manholes of the type and sizes shown on the Drawings and /or Specifications and shall include excavation, bedding, and backfill.
- B. Payment: For each Item – Manholes, shall be as stated below:
1. The unit price for each precast manhole shall be full compensation for the manholes, furnished, installed, and connected in accordance with the Drawings and Specifications including excavation, backfill, labor material, frame and grates, equipment and restoration.
  2. The unit price stated in the Bid Schedule shall include precast sections, waterproofing, manhole steps, grade adjusting, labor, construction, backfill, compaction, regular and drop manhole connections, frame and covers, restoration of all disturbed areas and utilities, and all other appurtenances for the work shown on the Drawings and/or specified in the Construction Documents for a complete and ready-for-use

installation.

**ITEM 46 – 6" PVC GRAVITY STORM LATERAL CONNECTION**

- A. Measurement: Measurement shall be for each lateral connection installed, as shown on the contract drawings and/or specified for a complete and ready-for-use installation.
- B. Payment: The unit price stated in the Bid Schedule shall be full compensation for each lateral connection installed for payment. The price shall include furnishing, backfill, compaction, laying, sheeting, shoring, inspecting, testing of pipe and fittings, restoring all utilities, and all appurtenances to complete the work as shown on the Drawings and/or specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 47 – 6" PVC STORM CLEANOUT**

- A. Measurement: Measurement shall be for each cleanout installed, as shown on the contract drawings and/or specified for a complete and ready-for-use installation.
- B. Payment: The unit price stated in the Bid Schedule shall be full compensation for each cleanout installed for payment. The price shall include furnishing, backfill, compaction, laying, sheeting, shoring, inspecting, testing of pipe and fittings, restoring all utilities, and all appurtenances to complete the work as shown on the Drawings and/or specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 48 – 8" PVC GRAVITY SEWER PIPE – ASTM D-3034, SDR 26 (SANITARY)**

- A. Description: The work in this Item shall consist of furnishing and installing PVC Sanitary Sewer Pipe as shown on the Drawings and/or specified, including removal and disposal of existing sewers. Measurements shall be made on a linear foot basis for the actual work performed under this item, measured along the horizontal projection of the longitudinal axis of the pipe.
- B. Payment: The unit price stated on the Bid Schedule shall be compensation for each lineal foot of pipe installed including all fittings and plugs measured for payment. The price shall include furnishing labor, backfill, compaction, laying, sheeting, shoring, inspection, testing of pipe and fittings, restoring all disturbed areas and utilities, removing existing sewers, concrete encasement and all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for –use installation.

**ITEM 49 – 8" D.I.P. CL 52 SEWER (SANITARY)**

- A. Description: The work in this Item shall consist of furnishing and installing DIP Sanitary Sewer Pipe as shown on the Drawings and/or specified, including removal and disposal of existing sewers. Measurements shall be made on a linear foot basis for the actual work performed under this item, measured along the horizontal projection of the longitudinal axis of the pipe.
- B. Payment: The unit price stated on the Bid Schedule shall be compensation for each lineal foot of pipe installed including all fittings and plugs measured for payment. The price shall include furnishing labor, backfill, compaction, laying, sheeting, shoring, inspection, testing of pipe and fittings, restoring all disturbed areas and utilities, removing existing sewers, concrete encasement and all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for –use installation.

**ITEM 50 – SANITARY BORE & JACK 15" STEEL CASING (8" DIP CL 52 CARRIER PIPE)**

- A. Measurement: The footage measured will be the actual number of lineal feet of Bore & Jack Construction complete in place as work performed under this item and measured from beginning to end along the longitudinal axis of each pipe run end to end of its respective steel casing.
- B. Payment: The unit price stipulated to be paid for each lineal foot of Bore & Jack sewer shall be full compensation for the actual number of lineal feet of Bore & Jack Construction including steel casing, DIP carrier pipe and boring and receiving pits installed, measured and accepted for payment purposes and shall include furnishing labor, materials, tools, appliances and equipment necessary to provide and install and test pipe, fittings and specials as specified and, in connection with same, to excavate, bed, backfill, shore, sheet, clear site, remove and dispose of existing structures, restore all disturbed utilities, structures, and site features plus provide all appurtenances to complete the work as shown on the drawings and specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 51 – 6" (PVC) GRAVITY SANITARY LATERAL CONNECTION**

- A. Measurement: Measurement shall be for each lateral connection installed, as shown on the contract drawings and/or specified for a complete and ready-for-use installation.
- B. Payment: The unit price stated in the Bid Schedule shall be full compensation for each lateral connection installed for payment. The price shall include furnishing, backfill, compaction, laying, sheeting, shoring, inspecting, testing of pipe and fittings, restoring all utilities, and all appurtenances to complete the work as shown on the Drawings and/or specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 52 – 6" (PVC) SANITARY CLEANOUT**

- A. Measurement: Measurement shall be for each cleanout installed, as shown on the contract drawings and/or specified for a complete and ready-for-use installation.
- B. Payment: The unit price stated in the Bid Schedule shall be full compensation for each cleanout installed for payment. The price shall include furnishing, backfill, compaction, laying, sheeting, shoring, inspecting, testing of pipe and fittings, restoring all utilities, and all appurtenances to complete the work as shown on the Drawings and/or specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 53 – SANITARY MANHOLE – 48" BASE**

- A. Description: The work in this Item shall consist of the construction of Manholes of the type and sizes shown on the Drawings and /or Specifications and shall include excavation, bedding, and backfill.
- B. Payment: For each Item – Manholes, shall be as stated below:
  - 1. The unit price for each precast manhole shall be full compensation for the manholes, furnished, installed, and connected in accordance with the Drawings and Specifications including excavation, backfill, labor material, frame and grates, equipment and restoration.
  - 2. The unit price stated in the Bid Schedule shall include precast sections, waterproofing, manhole steps, grade adjusting, labor, construction, backfill, compaction, manhole connections, frame and covers, restoration of all disturbed areas and utilities, and all other appurtenances for the work shown on the Drawings and/or specified in the Construction Documents for a complete and ready-for-use installation.

**ITEM 54 – 8" PVC C-900 WATERMAIN**

- A. Description: The work in this Item shall consist of furnishing and installing waterline as shown on the Drawings and/or specified. Measurements shall be made on a linear foot basis for the actual work performed under this item, measured along the horizontal projection if the longitudinal axis of the pipe.
- B. Payment: The unit price in the Bid Schedule shall be full compensation for each linear foot of waterline installed and measured for payment. The price shall include furnishing, all fittings required including the cost of fittings and plugs, cathodic protection, tracer tape, excavation, backfill, compaction, laying sheeting, shoring, inspection, testing of pipe and fittings, disinfection of potable waterlines, restoring all disturbed areas and utilities, concrete encasement and all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-to-use installation.

**ITEM 55 – WATERMAIN BORE & JACK 15" STEEL CASING (8" DIP CL 52 CARRIER PIPE)**

- A. Measurement: The footage measured will be the actual number of lineal feet of Bore & Jack Construction complete in place as work performed under this item and measured from beginning to end along the longitudinal axis of each pipe run end to end of its respective steel casing.
- B. Payment: The unit price stipulated to be paid for each lineal foot of Bore & Jack sewer shall be full compensation for the actual number of lineal feet of Bore & Jack Construction including steel casing, DIP carrier pipe and boring and receiving pits installed, measured and accepted for payment purposes and shall include furnishing labor, materials, tools, appliances and equipment necessary to provide and install and test pipe, fittings and specials as specified and, in connection with same, to excavate, bed, backfill, shore, sheet, clear site, remove and dispose of existing structures, restore all disturbed utilities, structures, and site features plus provide all appurtenances to

complete the work as shown on the drawings and specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 56 – HYDRANT ASSEMBLY**

- A. Description: The work in this Item shall consist of furnishing and installing fire hydrant assemblies as per the plans and specifications. Measurement shall be on an each installed and accepted basis.
- B. Payment: The unit price stipulated to be paid for each Hydrant Assembly shall be full compensation for the actual number of same furnished, installed, tested, shop and field painted complete including valve, operating mechanism(s), extension stem(s), valve boxes, wrenches, glands, gaskets, connecting bolts, cathodic protection and all other appurtenant parts and equipment measured and accepted for payment purposes and shall include furnishing labor, materials, tools, appliances and equipment necessary to provide and construct each installation with shut-off valve, box and cover as specified and, in connection with same, to excavate, bed, backfill, shore, sheet, clear site, restore all disturbed utilities, structures, and site features plus provide all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 57 – 8" TAPPING SLEEVE & VALVE AND APPURTENANCES**

- A. Description: The work in this Item shall consist of furnishing and installing Tapping Sleeve and Valve with Box and Cover. Measurement shall be made on each tapping sleeve and valve with box and cover completed and accepted for payment.
- B. Payment: The unit price stipulated to be paid for each tapping sleeve and valve and all appurtenances of the various sizes provided shall be full compensation for the actual number same furnished, installed, tested, shop and field painted complete including valve, operating mechanism(s), extension stem(s), valve boxes, wrenches, glands, gaskets, cathodic protection, connecting bolts and all other appurtenant parts and equipment measured and accepted for payment purposes and shall include furnishing labor, materials, tools, appliances and equipment necessary to provide and construct each tapping sleeve and valve installation with box and cover as specified and, in connection with same, to excavate, bed, backfill, shore, sheet, clear site, remove and dispose of existing structures, restore all disturbed utilities, structures, and site features plus provide all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 58 – ¾" TYPE K COPPER SERVICE REPLACEMENT (LONG)**

- A. Description: The work in this Item shall consist of furnishing and installing ¾" Type "K" Copper Residential Water Service lines as indicated on the drawings.
- B. Payment: The unit price stipulated to be paid per linear foot of ¾" Type "K" Copper Residential Water Service shall be full compensation for the actual number of linear feet furnished, installed in place, connected, tested and accepted including furnishing, storage, labor, materials, tools, appliances and equipment necessary to provide and construct each new connection as specified and, in connection with same, to excavate, bed, backfill, shore, sheet, clear site, restore all disturbed utilities and site features plus provide all appurtenances to complete the work as shown on the Drawings and specified in the Contact Documents for a complete and ready-for use installation.

**ITEM 59 – ¾" TYPE K COPPER SERVICE REPLACEMENT (SHORT)**

- A. Description: The work in this Item shall consist of furnishing and installing ¾" Type "K" Copper Residential Water Service lines as indicated on the drawings.
- B. Payment: The unit price stipulated to be paid per linear foot of ¾" Type "K" Copper Residential Water Service shall be full compensation for the actual number of linear feet furnished, installed in place, connected, tested and accepted including furnishing, storage, labor, materials, tools, appliances and equipment necessary to provide and construct each new connection as specified and, in connection with same, to excavate, bed, backfill, shore, sheet, clear site, restore all disturbed utilities and site features plus provide all appurtenances to complete the work as shown on the Drawings and specified in the Contact Documents for a complete and ready-for use installation.



PROPOSAL TO THE CITY OF CLYDE, OHIO  
EAST STREET IMPROVEMENTS

TO: MAYOR SCOTT BLACK  
CITY OF CLYDE  
222 NORTH MAIN STREET  
CLYDE, OHIO 43410

Gentlemen:

Proposal of \_\_\_\_\_ (hereinafter called "BIDDER"), organized and existing under the laws of the State of Ohio doing business as \_\_\_\_\_.  
To the CITY OF CLYDE (hereinafter called "Owner").

In compliance with your Advertisement for Bids, BIDDER hereby proposes to perform all WORK for the construction of the EAST STREET IMPROVEMENTS in strict accordance with the CONTRACT DOCUMENTS, within the time set forth therein, and at the prices stated below.

By submitting this BID, the BIDDER, or in the case of a joint BID, each party thereto, certifies as to its own organization, that this BID has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this BID with any other BIDDER or with any competitor.

The undersigned have full knowledge of the project site, Drawings, and the conditions of the proposal. The undersigned also, hereby agrees to furnish all the services, labor, materials and equipment necessary to complete these projects according to the Drawings and Specifications and to accept as full compensation the lump sum or unit prices stated in the Bid Schedule for the work and for use when calculating the price of a deduction or an increase in quantities.

BIDDER hereby agrees to commence WORK under this Contract on or before a date to be specified in the NOTICE TO PROCEED and to fully complete the PROJECT within the period stipulated in the INSTRUCTIONS TO BIDDERS. BIDDER further agrees to pay as liquidated damages and that the CITY may retain from monies that are, or which may become due. The amount of such liquidated damages shall be as stipulated in the CONTRACT AGREEMENT FORM (Section 00500 herein).

\* Insert "a corporation", "a partnership", or "an individual" as applicable.

The Bidder hereby acknowledges receipt of the following addenda:

<u>ADDENDUM NO.</u>	<u>DATE</u>
<hr/>	<hr/>
<hr/>	<hr/>
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We further agree that the Owner may reject any or all bids.

SUBMITTED BY:

---

Firm, Corporation or Individual

---

Address

---

Telephone Number

Contractor License Number 

---

Signature: 

---

 Date: 

---

NOTE: Evidence of authority to sign and the corporate seal must be affixed and attested by the Secretary.

COMPLETION DATE: 120 Calendar Days commencing on the date as shown on Notice to Proceed for Final Completion.



PROPOSAL TO THE CITY OF CLYDE, OHIO  
EAST STREET IMPROVEMENTS  
**THROUGH STREET DESIGN**  
**BID SCHEDULE**

Bid Item	Item Description	Est. Qty.	Unit	Unit Price Material	Unit Price Labor	Total Unit Price	Total Price
<b>General</b>							
1	Bond & Insurance	1	Lump	\$	\$	\$	\$
2	Mobilization	1	Lump	\$	\$	\$	\$
3	Maintenance of Traffic	1	Lump	\$	\$	\$	\$
4	Construction Layout Stakes	1	Lump	\$	\$	\$	\$
<b>Roadway</b>							
5	Concrete Curb Removed	1	Lump	\$	\$	\$	\$
6	Asphalt Pavement Removed	1633	SY	\$	\$	\$	\$
7	Remove Existing Concrete Driveway and Apron	23	SY	\$	\$	\$	\$
8	Remove Existing Gravel Driveway and Apron	288	SY	\$	\$	\$	\$
9	Remove Existing Asphalt Driveway and Apron	15	SY	\$	\$	\$	\$
10	Remove Existing Sidewalk, Including Curb Ramps	5813	SF	\$	\$	\$	\$
11	Manhole Removed	2	Each	\$	\$	\$	\$
12	Catch Basin Removed	1	Each	\$	\$	\$	\$
13	Excavation, Less Pavement Removed	1484	CY	\$	\$	\$	\$
14	Embankment	19	CY	\$	\$	\$	\$
15	Excavation & Granular Material	842	CY	\$	\$	\$	\$
16	Geogrid,	2513	SY	\$	\$	\$	\$
17	Seeding & Mulching	1953	SY	\$	\$	\$	\$
18	3" Topsoil, Furnished and Placed	163	CY	\$	\$	\$	\$
19	Remove and Reset Existing Ground Mounted Signs	8	Each	\$	\$	\$	\$
<b>Pavement</b>							
20	Tack Coat .05 GAL./ S.Y.	106	GAL	\$	\$	\$	\$

EAST STREET IMPROVEMENTS  
THROUGH STREET DESIGN

Bid Item	Item Description	Est. Qty.	Unit	Unit Price Material	Unit Price Labor	Total Unit Price	Total Price
21	Prime Coat 0.35 GAL / S.Y.	742	GAL	\$	\$	\$	\$
22	Combination Curb & Gutter, Type 2	1548	LF	\$	\$	\$	\$
23	6" Underdrain w/ Filter Sock	1548	LF	\$	\$	\$	\$
24	1 ½" Asphalt Concrete, Leveling Course	88	CY	\$	\$	\$	\$
25	1 ½" Asphalt Concrete, Surface Course	88	CY	\$	\$	\$	\$
26	3" Bituminous Aggregate Base (ODOT Item 301)	177	CY	\$	\$	\$	\$
27	6" Aggregate Base (ODOT Item 304)	424	CY	\$	\$	\$	\$
28	Subgrade Compaction	2543	SY	\$	\$	\$	\$
29	4" Concrete Sidewalk	5491	SF	\$	\$	\$	\$
30	4" Aggregate Base	68	CY	\$	\$	\$	\$
31	4' Concrete Curb Ramps (ODOT Item 608)	4	Each	\$	\$	\$	\$
32	10' Concrete Curb Ramps (ODOT Item 608)	2	Each	\$	\$	\$	\$
33	6" Concrete Drive Aprons (ODOT Item 452)	159	SY	\$	\$	\$	\$
34	Concrete Driveway Behind Aprons	11	SY	\$	\$	\$	\$
35	Gravel Driveway Behind Aprons	66	SY	\$	\$	\$	\$
36	Asphalt Driveway Behind Aprons	5	SY	\$	\$	\$	\$
37	Adjust Existing Castings / Valve Boxes to Grade	1	Lump	\$	\$	\$	\$
38	Type C Pavement Replacement	71	SY	\$	\$	\$	\$
<b>Storm</b>							
39	NeoPlast Yard Drain	3	Each	\$	\$	\$	\$
40	Catch Basin Type 3A	6	Each	\$	\$	\$	\$
41	12" RCP Sewer Pipe (Storm)	139	LF	\$	\$	\$	\$
42	24" RCP Sewer Pipe (Storm)	718	LF	\$	\$	\$	\$

**EAST STREET IMPROVEMENTS  
THROUGH STREET DESIGN**

Bid Item	Item Description	Est. Qty.	Unit	Unit Price Material	Unit Price Labor	Total Unit Price	Total Price
43	24" D.I.P. CL 52 Sewer (Storm)	8	LF	\$	\$	\$	\$
44	Storm Sewer Bore & Jack (36" Casing, 24" Carrier)	100	LF	\$	\$	\$	\$
45	Storm Manhole – 48" Base	5	Each	\$	\$	\$	\$
46	6" PVC Gravity Storm Sewer Lateral Connection	7	Each	\$	\$	\$	\$
47	6" PVC Storm Cleanout	7	Each	\$	\$	\$	\$
<b>Sanitary</b>							
48	8" PVC Sanitary Sewer Pipe –SDR 26	380	LF	\$	\$	\$	\$
49	8" D.I.P. CL 52 Sewer (Sanitary)	41	LF	\$	\$	\$	\$
50	Sanitary Bore & Jack (15" Casing, 8" Carrier)	90	LF	\$	\$	\$	\$
51	6" PVC Gravity Sanitary Lateral Connection	5	Each	\$	\$	\$	\$
52	6" PVC Sanitary Cleanout	5	Each	\$	\$	\$	\$
53	Sanitary Manhole – 48" Base	2	Each	\$	\$	\$	\$
<b>Water</b>							
54	8" PVC C-900 Watermain	741	LF	\$	\$	\$	\$
55	Watermain Bore & Jack (15" Casing, 8" Carrier)	100	LF	\$	\$	\$	\$
56	Hydrant Assembly	3	Each	\$	\$	\$	\$
57	8" Tapping Sleeve & Valve and Appurtenances	2	Each	\$	\$	\$	\$
58	¾" Type K Copper Service Replacement (Long)	2	Each	\$	\$	\$	\$
59	¾" Type K Copper Service Replacement (Short)	4	Each	\$	\$	\$	\$
<b>TOTAL</b>							<b>\$</b>

**TOTAL AMOUNT OF PROJECT (IN FIGURES)**

**TOTAL AMOUNT OF PROJECT (IN WORDS)**

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PROPOSAL TO THE CITY OF CLYDE, OHIO  
EAST STREET IMPROVEMENTS  
**CUL-DE-SAC DESIGN**  
**BID SCHEDULE**

Bid Item	Item Description	Est. Qty.	Unit	Unit Price Material	Unit Price Labor	Total Unit Price	Total Price
<b>General</b>							
1	Bond & Insurance	1	Lump	\$	\$	\$	\$
2	Mobilization	1	Lump	\$	\$	\$	\$
3	Maintenance of Traffic	1	Lump	\$	\$	\$	\$
4	Construction Layout Stakes	1	Lump	\$	\$	\$	\$
<b>Roadway</b>							
5	Concrete Curb Removed	1	Lump	\$	\$	\$	\$
6	Asphalt Pavement Removed	1620	SY	\$	\$	\$	\$
7	Remove Existing Concrete Driveway and Apron	23	SY	\$	\$	\$	\$
8	Remove Existing Gravel Driveway and Apron	288	SY	\$	\$	\$	\$
9	Remove Existing Asphalt Driveway and Apron	15	SY	\$	\$	\$	\$
10	Remove Existing Sidewalk, Including Curb Ramps	6084	SF	\$	\$	\$	\$
11	Manhole Removed	2	Each	\$	\$	\$	\$
12	Catch Basin Removed	1	Each	\$	\$	\$	\$
13	Excavation, Less Pavement Removed	1548	CY	\$	\$	\$	\$
14	Embankment	26	CY	\$	\$	\$	\$
15	Excavation & Granular Material	871	CY	\$	\$	\$	\$
16	Geogrid,	2604	SY	\$	\$	\$	\$
17	Seeding & Mulching	2662	SY	\$	\$	\$	\$
18	3" Topsoil, Furnished and Placed	223	CY	\$	\$	\$	\$
19	Remove and Reset Existing Ground Mounted Signs	8	Each	\$	\$	\$	\$
<b>Pavement</b>							
20	Tack Coat .05 GAL./ S.Y.	112	GAL	\$	\$	\$	\$

EAST STREET IMPROVEMENTS  
**CUL-DE-SAC DESIGN**

Bid Item	Item Description	Est. Qty.	Unit	Unit Price Material	Unit Price Labor	Total Unit Price	Total Price
21	Prime Coat 0.35 GAL / S.Y.	783	GAL	\$	\$	\$	\$
22	Combination Curb & Gutter, Type 2	1443	LF	\$	\$	\$	\$
23	6" Underdrain w/ Filter Sock	1443	LF	\$	\$	\$	\$
24	1 ½" Asphalt Concrete, Leveling Course	93	CY	\$	\$	\$	\$
25	1 ½" Asphalt Concrete, Surface Course	93	CY	\$	\$	\$	\$
26	3" Bituminous Aggregate Base (ODOT Item 301)	186	CY	\$	\$	\$	\$
27	6" Aggregate Base (ODOT Item 304)	439	CY	\$	\$	\$	\$
28	Subgrade Compaction	2637	SY	\$	\$	\$	\$
29	4" Concrete Sidewalk	4202	SF	\$	\$	\$	\$
30	4" Aggregate Base	52	CY	\$	\$	\$	\$
31	4' Concrete Curb Ramps (ODOT Item 608)	2	Each	\$	\$	\$	\$
32	10' Concrete Curb Ramps (ODOT Item 608)	2	Each	\$	\$	\$	\$
33	6" Concrete Drive Aprons (ODOT Item 452)	159	SY	\$	\$	\$	\$
34	Concrete Driveway Behind Aprons	11	SY	\$	\$	\$	\$
35	Gravel Driveway Behind Aprons	66	SY	\$	\$	\$	\$
36	Asphalt Driveway Behind Aprons	5	SY	\$	\$	\$	\$
37	Adjust Existing Castings / Valve Boxes to Grade	1	Lump	\$	\$	\$	\$
38	Type C Pavement Replacement	134	SY	\$	\$	\$	\$
<b>Storm</b>							
39	NeoPlast Yard Drain	3	Each	\$	\$	\$	\$
40	Catch Basin Type 3A	5	Each	\$	\$	\$	\$
41	12" RCP Sewer Pipe (Storm)	235	LF	\$	\$	\$	\$
42	24" RCP Sewer Pipe (Storm)	718	LF	\$	\$	\$	\$

EAST STREET IMPROVEMENTS  
**CUL-DE-SAC DESIGN**

Bid Item	Item Description	Est. Qty.	Unit	Unit Price Material	Unit Price Labor	Total Unit Price	Total Price
43	24" D.I.P. CL 52 Sewer (Storm)	8	LF	\$	\$	\$	\$
44	Storm Sewer Bore & Jack (36" Casing, 24" Carrier)	100	LF	\$	\$	\$	\$
45	Storm Manhole – 48" Base	5	Each	\$	\$	\$	\$
46	6" PVC Gravity Storm Sewer Lateral Connection	7	Each	\$	\$	\$	\$
47	6" PVC Storm Cleanout	7	Each	\$	\$	\$	\$
<b>Sanitary</b>							
48	8" PVC Sanitary Sewer Pipe –SDR 26	380	LF	\$	\$	\$	\$
49	8" D.I.P. CL 52 Sewer (Sanitary)	39	LF	\$	\$	\$	\$
50	Sanitary Bore & Jack (15" Casing, 8" Carrier)	90	LF	\$	\$	\$	\$
51	6" PVC Gravity Sanitary Lateral Connection	5	Each	\$	\$	\$	\$
52	6" PVC Sanitary Cleanout	5	Each	\$	\$	\$	\$
53	Sanitary Manhole – 48" Base	2	Each	\$	\$	\$	\$
<b>Water</b>							
54	8" PVC C-900 Watermain	741	LF	\$	\$	\$	\$
55	Watermain Bore & Jack (15" Casing, 8" Carrier)	100	LF	\$	\$	\$	\$
56	Hydrant Assembly	3	Each	\$	\$	\$	\$
57	8" Tapping Sleeve & Valve and Appurtenances	2	Each	\$	\$	\$	\$
58	¾" Type K Copper Service Replacement (Long)	2	Each	\$	\$	\$	\$
59	¾" Type K Copper Service Replacement (Short)	4	Each	\$	\$	\$	\$
<b>TOTAL</b>							<b>\$</b>

**TOTAL AMOUNT OF PROJECT (IN FIGURES)**

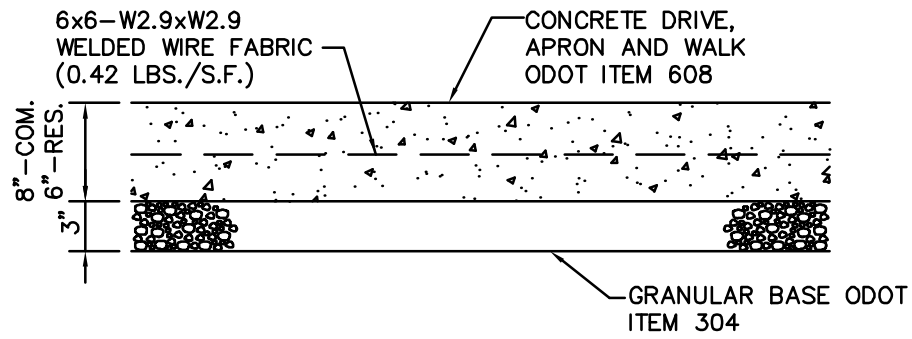
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**TOTAL AMOUNT OF PROJECT (IN WORDS)**

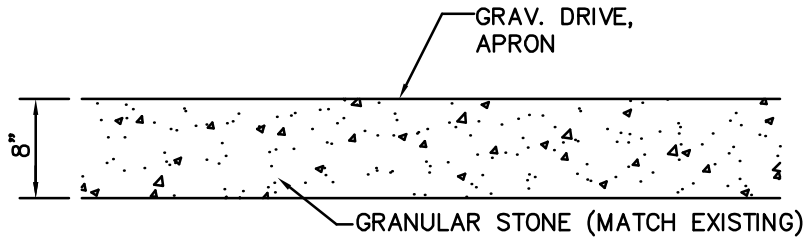
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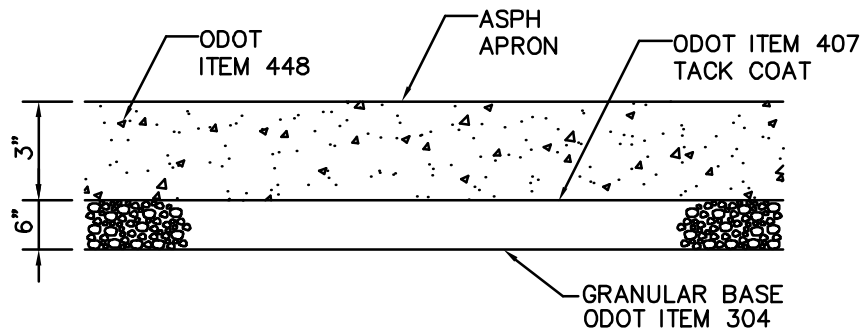




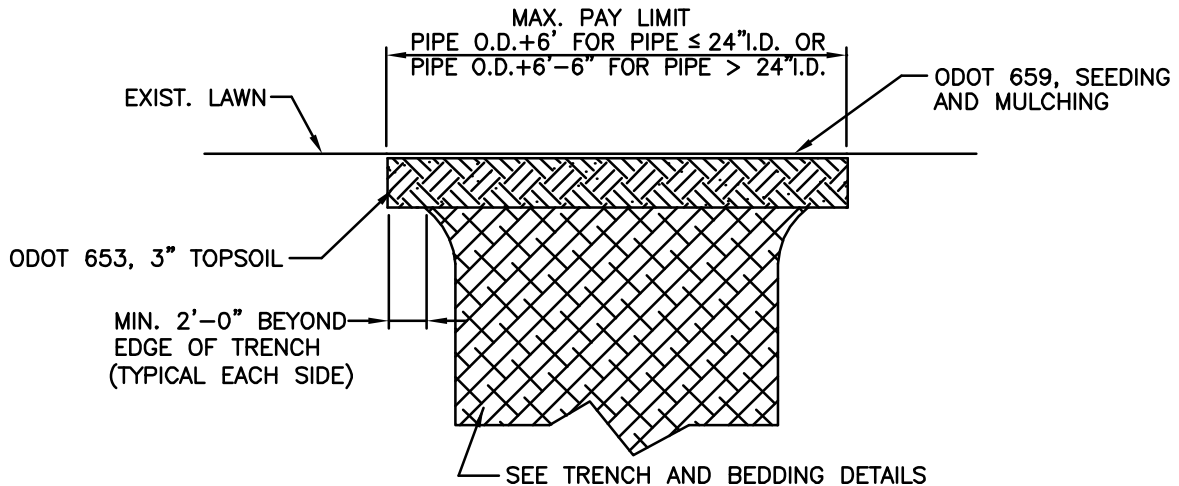
**CONC. DRIVE SECTION**  
NOT TO SCALE



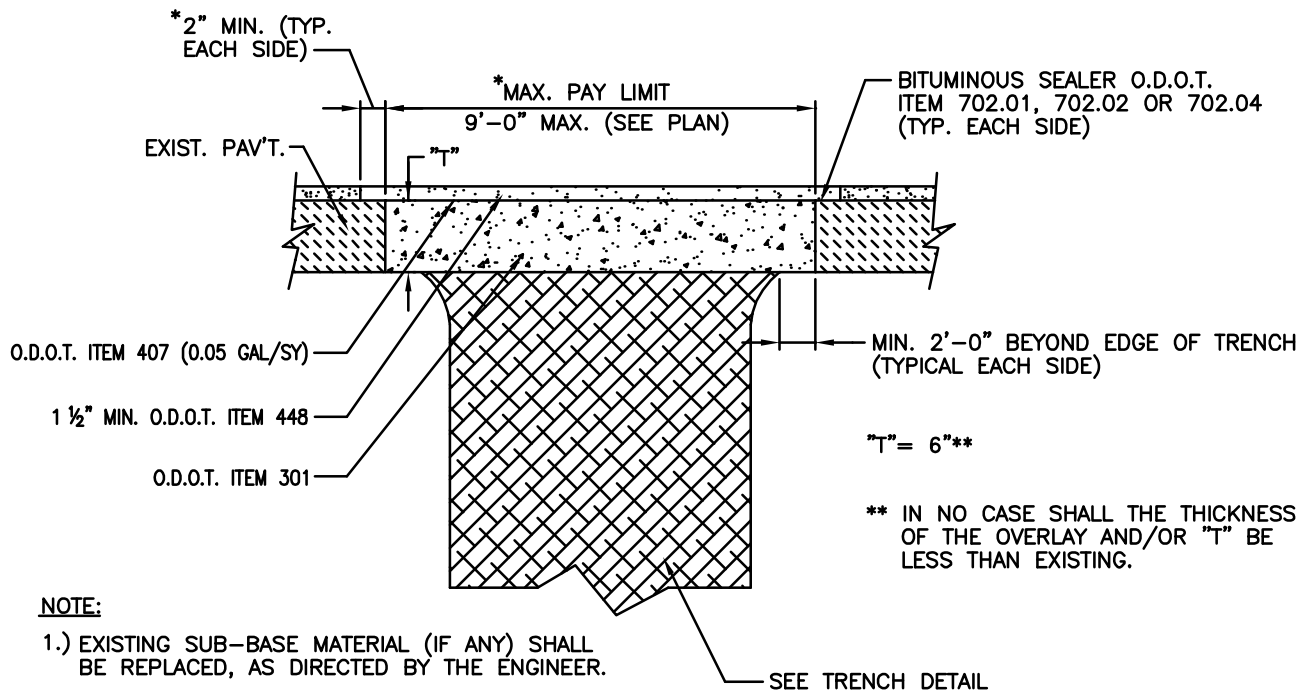
**GRAV. DRIVE SECTION**  
NOT TO SCALE



**ASPH. DRIVE SECTION**  
NOT TO SCALE

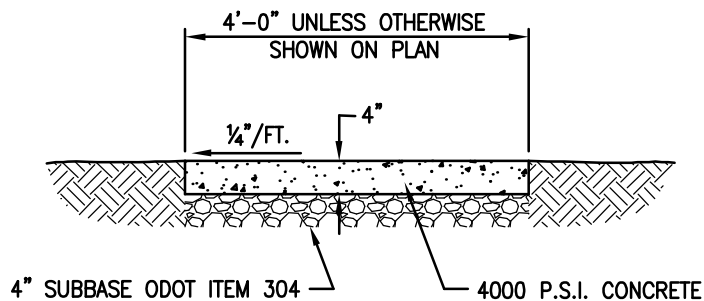


**LAWN RESTORATION DETAIL**  
NOT TO SCALE



## **TYPE 'C' PAVEMENT RESTORATION**

NOT TO SCALE



APPLY (2) COATS OF ANTI-SPALLING COMPOUND  
3 WEEKS AFTER CONCRETE IS POURED. ALLOW  
DRYING TIME BETWEEN COATS.

### **NOTE:**

WALK TO BE DIVIDED INTO SPACED BLOCKS AT APPROXIMATELY 5' INTERVALS. EXPANSION JOINT FILLER 1" THICK SHALL BE INSTALLED BETWEEN WALK AND ANY FIXED STRUCTURE, EXTENDING FOR THE FULL DEPTH OF THE SIDEWALK. THE EXPANSION JOINT FILLER SHALL BE 1" THICK WHERE WALK IS INSTALLED AGAINST BACK OF CURB.

## **TYPICAL SIDEWALK DETAIL**

NOT TO SCALE