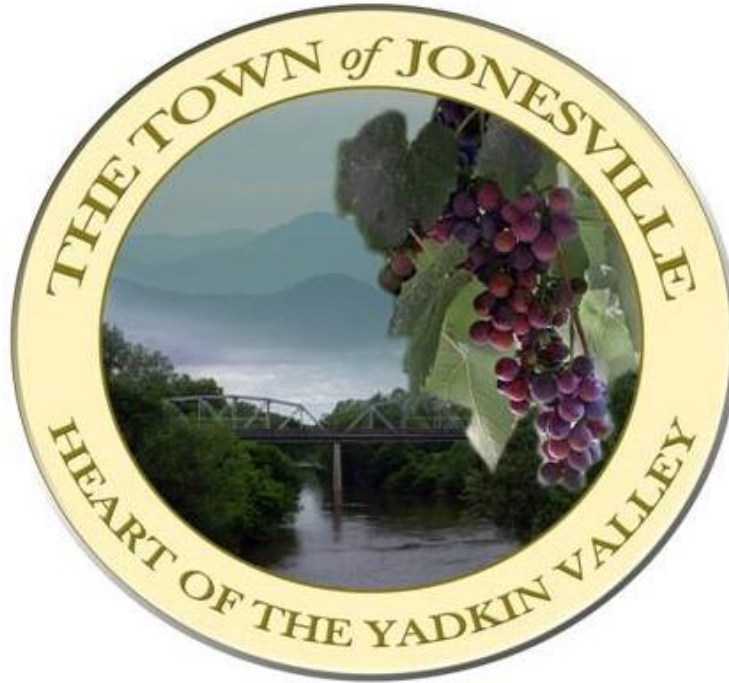


# TOWN OF JONESVILLE

## Request for Proposal

Culvert Replacement – Osborne Street



ISSUE DATE: January 12, 2021

DUE DATE: by 12:00 PM, January 27, 2021

### SUBMITTAL ADDRESS:

**Postal Address:** Michael W. Pardue, Town Manager  
1503 NC Hwy 67, Jonesville NC 28642

**Street Address:** Michael W. Pardue, Town Manager  
1503 NC Hwy 67, Jonesville NC 28642

## **Request for Proposals (RFP)**

The Town of Jonesville requests assistance to remove and replace a failing culvert located on Osborne Street. The project requires the removal and disposal of a 48-inch diameter CSP and the installation of a new 72-inch diameter RCP to include the labor, material, and equipment. Details for the culvert removal and installation and additional requirements are contained in Section 5 and included as part of the bid package.

Copies of the detailed request for proposals (RFP), including a description of the services to be provided by respondents, the minimum content of responses, and the factors to be used to evaluate the responses, can be obtained by contacting Michael W. Pardue, Town Manager, 1503 NC Hwy 67 Jonesville NC 28642, (336) 835-3426.

The above information should be submitted no later than January 27, 2021 12:00 pm, Jonesville Town Hall 1503 NC Hwy 67 Jonesville NC 28642. For more information, contact Town Clerk Wendy Thompson at (336) 835-3426.

The Town of Jonesville is an Equal Opportunity Employer and invites the submission of proposals from minority and women-owned firms, historically underutilized businesses and certified/registered Section 3 businesses and firms.

Michael W. Pardue, Town Manager

## **Bid Form**

Project Identification: **Culvert Replacement**  
**Osborne Street**  
**Owner – Town of Jonesville, North Carolina**

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### **ARTICLE 1 - BID RECIPIENT**

- 1.01 This Bid Is Submitted to: **Town Manager, Town of Jonesville, 1503 N.C. Highway, Jonesville, N.C. 28642**
- 1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in the Bid and in accordance with the other terms and conditions of the Bidding Documents.

### **ARTICLE 2 - BIDDER'S ACKNOWLEDGMENTS**

- 2.01 Bidder accepts all of the terms and conditions of the Advertisement and Instructions to Bidders, including without limitations those dealing with the dispositions of Bid security. The Bid will remain subject to acceptance for 45 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.
- 2.02 Bidder agrees that any work and materials that may reasonably be inferred as being required to produce the fully functional Project, as described in the Contract Drawings and Specifications, shall be supplied and installed by the Contractor.

## **ARTICLE 3 - BIDDER'S REPRESENTATIONS**

3.01 In submitting this Bid, Bidder represents that:

- A. The Bidder has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- B. Bidder is familiar with and is satisfied as to all Federal, State, and Local Laws and Regulations that may affect cost, progress, and performance of the Work
- C. Bidder has obtained and carefully studied (or accepts the consequences for not doing so) all additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by the Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents to be employed by Bidder, and safety precautions and programs incident thereto.
- D. Bidder does not consider that any further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for the performance of the Work at the price(s) bid and within the times and in accordance with the other terms and conditions of the Bidding Documents.
- E. Bidder is aware of the general nature of the Work to be performed by the Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- F. Bidder has correlated the information known to Bidder, information and observations obtained from visits to the Site, reports, and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents.
- G. The Bidder has given Town written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Town is acceptable to Bidder.
- H. The Bidding Documents are generally sufficient to indicate and convey an understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.
- K. Bidder will submit written evidence of its authority to do business in the State where the Project is located not later than the date of its execution of the Agreement.

## **ARTICLE 4 - FURTHER REPRESENTATIONS**

4.01 Bidder further represents that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any agreement or rules of any group, association, organization, or corporation;
- B. The Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. The Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. The Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over Owner.

## ARTICLE 5 - BASIS OF BID

5.01 The Bidder proposes and agrees if this proposal is accepted to Contract with **the Town of Jonesville, North Carolina** in the form of Contract specified below, to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation, supplies, labor, etc., necessary to complete the construction of:

### **Culvert Replacement Osborne Street**

in full in complete accordance with the plans, specifications, and Contract Documents, to the full and entire satisfaction of the **Town of Jonesville** and their representatives with a definite understanding that no additional compensation will be allowed for extra Work except as set forth in the General Conditions and the Contract Documents. **This Project is bid as Unclassified Excavation.**

5.02 Bidder shall complete the Work in accordance with the Contract Documents for the following price(s):

<b>Bid Item No.</b>	<b>Bid Item</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Price Bid per Unit</b>	<b>Total Price Bid</b>
<b>1</b>	<b>Traffic Control</b>	<b>Includes labor, material required to maintain safe access to residences during construction.</b>	<b>1</b>	<b>Lump Sum</b>	<b>\$</b>	<b>\$</b>
<b>2</b>	<b>Existing Asphalt Removal</b>	<b>Includes labor, material, and equipment To saw cut, remove, and dispose of existing asphalt</b>	<b>33</b>	<b>Square Yards</b>	<b>\$</b>	<b>\$</b>
<b>3</b>	<b>Clearing &amp; Grubbing</b>	<b>Includes labor, material, and equipment to remove trees, stumps, and other vegetation required to install the new culvert, headwall, and rip-rap</b>	<b>0.05</b>	<b>Acre</b>	<b>\$</b>	<b>\$</b>
<b>4</b>	<b>48-inch Corrugated Metal Pipe Removal (CMP)</b>	<b>Includes the labor, material, and equipment to remove and dispose of a 48-inch diameter CMP.</b>	<b>52</b>	<b>Linear Feet</b>	<b>\$</b>	<b>\$</b>

<b>Bid Item No.</b>	<b>Bid Item</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Price Bid per Unit</b>	<b>Total Price Bid</b>
<b>5</b>	<b>New 72-inch diameter Reinforced Concrete Pipe</b>	<b>Includes the labor, material, and equipment to install a new 72-inch diameter RCP as indicated on the drawings</b>	<b>52</b>	<b>Linear Feet</b>	<b>\$</b>	<b>\$</b>
<b>6</b>	<b>New 72-inch diameter Flared End Section</b>	<b>Includes the labor, material, and equipment to install a new 72-inch diameter reinforced concrete Flared End Section (FES).</b>	<b>1</b>	<b>Each</b>	<b>\$</b>	<b>\$</b>
<b>7</b>	<b>New Cast-in-Place concrete inlet headwall</b>	<b>Includes labor, material, and equipment install a new Cast-in-Place concrete inlet Headwall.</b>	<b>1</b>	<b>Lump Sum</b>	<b>\$</b>	<b>\$</b>
<b>8</b>	<b>Concrete Anti-seep Collars</b>	<b>Includes labor, material, and equipment install concrete anti-seep collars.</b>	<b>2</b>	<b>Each</b>	<b>\$</b>	<b>\$</b>
<b>9</b>	<b>Non-Woven Geotextile Fabric</b>	<b>Includes labor, material, and equipment To install new non-woven geotextile Fabric beneath the new stone.</b>	<b>225</b>	<b>Square Yards</b>	<b>\$</b>	<b>\$</b>
<b>10</b>	<b>Class II Stone Rip-Rap</b>	<b>Includes labor, material, and equipment To install new Class II Stone Rip-Rap</b>	<b>113</b>	<b>Tons</b>	<b>\$</b>	<b>\$</b>
<b>11</b>	<b>Seeding &amp; Mulching</b>	<b>Includes labor, material, and equipment to provide seeding and mulching.</b>	<b>0.04</b>	<b>Acres</b>	<b>\$</b>	<b>\$</b>
<b>12</b>	<b>8-inches thick C.A.B.C. Compacted roadway sub base</b>	<b>Includes labor, material, and equipment To install an 8-inch thick C.A.B.C stone Roadway base</b>	<b>33</b>	<b>Square Yards</b>	<b>\$</b>	<b>\$</b>
<b>13</b>	<b>2-inch thick S 9.5A Asphalt</b>	<b>Includes labor, material, and equipment To install a new 2-inch thick S 9.5 A Asphalt pavement as shown.</b>	<b>33</b>	<b>Square Yards</b>	<b>\$</b>	<b>\$</b>

<b>Bid Item No.</b>	<b>Bid Item</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Price Bid per Unit</b>	<b>Total Price Bid</b>
<b>14</b>	<b>Select Fill Material</b>	<b>Includes labor, material, and equipment For the placement and compaction of Select fill material only at the direction Of the Town.</b>	10	Cubic Yards	\$	\$
	<b>TOTAL PRICE BID FOR ITEMS 1 thru 14:</b>				\$	



### 5.03 Determination of Successful Bidder

In addition to a bidder being responsive and responsible, the successful low Bidder's determination will also be based upon the alternates and/or deducts selected by the Owner if applicable.

### 5.04 Measurements and Payments

Lump-sum prices quoted and accepted shall apply throughout the life of the Contract, except as otherwise specifically noted. A description of the Work entailed for each bid item is provided below.

#### **ITEM 1 - TRAFFIC CONTROL**

Price, lump sum, to provide traffic control during construction to maintain at least one traffic lane to provide residences access.

#### **ITEM 2 - ASPHALT REMOVAL:**

Price, square yard, furnishing all labor, materials, tools, equipment, transportation, tip fees, and all else required to saw cut and remove existing asphalt pavement. The Contractor shall bear costs for removing and disposing of asphalt pavement in excess of that required to remove and replace the culvert. Payment will be based on square yards removed as measured in the field.

#### **ITEM 3 – CLEARING & GRUBBING:**

Price, acre, clear and grub existing trees, roots, and other vegetation to install the new culvert, headwall, and rip-rap. Payment will be based upon the actual area cleared and grubbed as measured in the field.

#### **ITEM 4 – 48-INCH DIAMETER CORRUGATED METAL PIPE REMOVAL:**

Price, linear feet, for furnishing all labor, materials, tools, and equipment to remove an existing 48-inch corrugated metal pipe culvert inclusive of excavation and proper disposal. Payment will be based upon the actual linear feet of pipe removed.

#### **ITEM 5 – NEW 72-INCH DIAMETER REINFORCED CONCRETE PIPE:**

Price, linear feet, for furnishing all labor, materials, tools, and equipment to install a new 72-inch reinforced concrete pipe. The price shall include the backfill and compaction of the soil to 95% Standard Proctor Density. Payment shall be based upon linear feet of pipe installed.

#### **ITEM 6 – NEW 72-INCH DIAMETER REINFORCED CONCRETE FLARED END SECTION:**

Price, each, for furnishing all labor, materials, tools, and equipment to install a new 72-inch diameter reinforced concrete flared end section upon the outlet of the new 72-inch diameter culvert. Payment shall be based upon the quantity installed.

**ITEM 7 – NEW CAST-IN-PLACE CONCRETE INLET HEADWALL:**

Price, lump sum, for furnishing all labor, materials, tools, and equipment to install a new cast-in-place concrete headwall, inclusive of excavation, forming, steel reinforcement, placement of 3,000-psi concrete, backfill, and compaction, in accordance with NCDOT 838.39. Payment shall be based upon the unit installed.

**ITEM 8 – CONCRETE ANTI-SEEP COLLARS:**

Price, each, for furnishing all labor, materials, tools, and equipment to install concrete anti-seep collars as shown on the drawings. Payment shall be based upon the quantity installed.

**ITEM 9 – NON-WOVEN GEOTEXTILE FABRIC:**

Price, square yards, for furnishing all labor, materials, tools, and equipment to install 8-oz non-woven geotextile fabric underlayment of Class II Rip Rap. Payment will be based upon measured square yards installed.

**ITEM 10 – CLASS II STONE RIP RAP:**

Price, ton, for furnishing all labor, materials, tools, and equipment to properly place Class II Rip Rap as indicated on the drawings. Payment for this item will be based upon truck delivery tickets collected at the Site by the Contractor.

**ITEM 11 – SEEDING & MULCHING:**

Price, acre, for furnishing all labor, materials, tools, and equipment to seed and tack mulch all denuded areas properly according to the NCDOT Permanent Seeding Specifications as defined on the drawing. Payment for this item shall be based on the area properly seeded and mulched.

**ITEM 12 – 8-INCH THICK C.A.B.C STONE ROADWAY BASE:**

Price, square yard, for furnishing all labor, material, tools, and equipment to properly place and compact an 8-inch thick Compacted Aggregate Base Course. Compaction to be determined by proof-roll by a dual axle truck weighing no less than 10-tons. Payment for this item will be based upon measured square yards properly placed.

**ITEM 13 – 2-INCH THICK S 9.5A ASPHALT PAVEMENT:**

Price, square yard, for furnishing all labor, material, tools, and equipment to properly place and compact a 2-inch thick (compacted thickness) S 9.5A asphalt surface course. Cold-patch is prohibited. Payment for this item will be based upon measured square yards properly placed.

**ITEM 14 – 2-INCH THICK S 9.5A ASPHALT PAVEMENT:**

Price, cubic yards, for furnishing all labor, materials, tools, equipment to transport, place, and compact select fill material to replace unsuitable soils removed as determined by the Owner or Engineer. This item will be based upon truck delivery tickets collected at the Site by the Contractor.

5.04 Bidder acknowledges the following:

- A. Lump Sum Prices include furnishing all materials, tools, equipment, labor, and all else required for and installing/constructing the listed bid items.
- B. Bidder acknowledges that estimated equipment/materials quantities noted in the Detail Specifications and on the construction drawings are not guaranteed and solely for the purpose of comparing Bids.

**ARTICLE 6 - TIME OF COMPLETION**

- 6.01 The Bidder agrees that the Base Bid Work shall be substantially completed 45 consecutive calendar days after the date when the Contract Time commences to run.
- 6.02 Bidder stipulates to an Agreement to pay \$500/day liquidated damages for each calendar day that the Project remains incomplete unless agreed upon otherwise by a properly executed change order.

**ARTICLE 7 - ATTACHMENTS TO THIS BID**

7.01 The following documents are attached to and made a condition of the Bid:

- A. List of Proposed Subcontractors as follows:\*

SUBCONTRACTOR	SERVICE
_____	_____
_____	_____
_____	_____

\*ATTACH AN ADDITIONAL PAGE, IF NECESSARY

- B. List of Proposed Suppliers as follows:\*

**EQUIPMENT/MATERIALS MANUFACTURER**

_____	<b>Concrete</b>
_____	<b>Reinforce Concrete Pipe</b>

\_\_\_\_\_ Asphalt

**\*Attach an additional page, if necessary**

C. Evidence of authority to do business in the State or jurisdiction of the Project; or a written covenant to obtain such license within the time frame for acceptance of Bids;

D. North Carolina Contractor's License No.: \_\_\_\_\_

## **ARTICLE 8 - BID SUBMITTAL**

### **8.01 This Bid is submitted by:**

If Bidder is:

#### **An Individual**

Name (typed or printed): \_\_\_\_\_

By: \_\_\_\_\_

*(Individual's signature)*

Doing \_\_\_\_\_ business \_\_\_\_\_ as:

#### **A Partnership**

Partnership Name: \_\_\_\_\_

By: \_\_\_\_\_

*(Signature of general partner -- attach evidence of authority to sign)*

Name \_\_\_\_\_ (typed \_\_\_\_\_ or \_\_\_\_\_ printed):

#### **A Corporation**

Corporation \_\_\_\_\_ Name:

State or Jurisdiction of Incorporation: \_\_\_\_\_

Type (General Business, Profession, Service, Limited Liability):

By: \_\_\_\_\_

*(Signature -- attach evidence of authority to sign)*

Name \_\_\_\_\_ (typed \_\_\_\_\_ or \_\_\_\_\_)

CORPORATE  
SEAL,  
if required by State

Title: \_\_\_\_\_

Attest \_\_\_\_\_

(Signature of Corporate Secretary)

Date of Qualification to do business in North Carolina is \_\_\_\_/\_\_\_\_/\_\_\_\_

### **A Joint Venture**

Name of Joint Venture: \_\_\_\_\_

First Joint Venture Name: \_\_\_\_\_

SEAL,  
if required  
by State

By: \_\_\_\_\_

(Signature of joint venture partner -- attach evidence of authority to sign)

Name \_\_\_\_\_ (typed \_\_\_\_\_ or \_\_\_\_\_ printed):

Title: \_\_\_\_\_

Second \_\_\_\_\_ Joint \_\_\_\_\_ Venture \_\_\_\_\_

SEAL,  
if required  
by State

Name:

By: \_\_\_\_\_

(Signature of joint venture partner -- attach evidence of authority to sign)

Name \_\_\_\_\_ (typed \_\_\_\_\_ or \_\_\_\_\_ printed):

Title: \_\_\_\_\_

(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is a party to the venture should be in the manner indicated above.)

### **8.02 – Bidder Information (All Bidders Shall Complete This Information)**

Bidder's Business address: \_\_\_\_\_

\_\_\_\_\_

Business Phone No. (\_\_\_\_)\_\_\_\_\_

Business FAX No. (\_\_\_\_)\_\_\_\_\_

Business

E-Mail

Address

North Carolina Contractor License No. \_\_\_\_\_.

Bidder's Federal Tax ID No. \_\_\_\_\_

Bidder's State Tax ID No. \_\_\_\_\_

Phone and FAX Numbers, and Address for receipt of official communications, if different from Business contact information:

8.03 Bid submitted on \_\_\_\_\_, 2021.

#### **ARTICLE 9 – ACCEPTANCE BY TOWN**

9.01 The Town of Jonesville, North Carolina, accepts this Bid submitted by Bidder mentioned above.

\_\_\_\_\_  
Town Manager

\_\_\_\_\_  
Date

9.02 Fiscal Control Act Certification

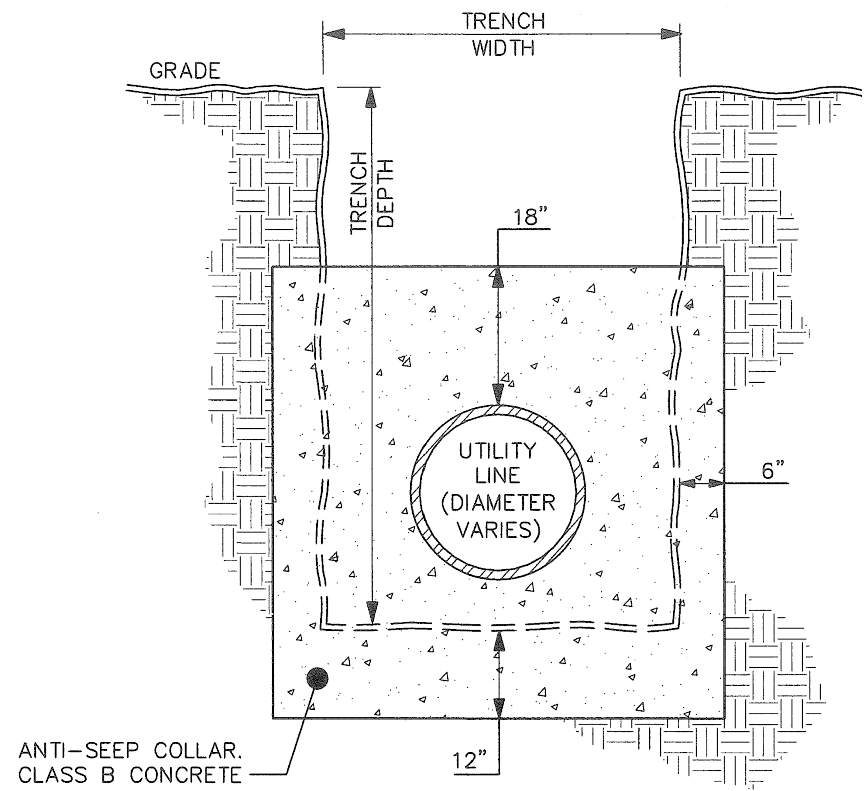
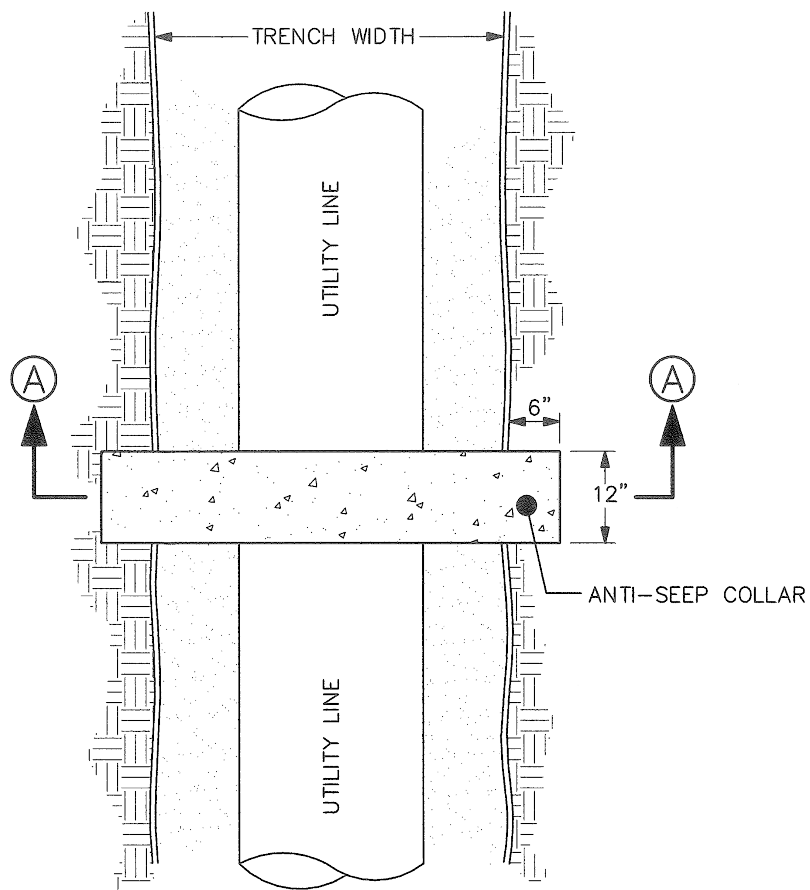
This instrument has been pre-audited in the manner required by the Local Government Budget and Fiscal Control Act.

\_\_\_\_\_  
Finance Officer

\_\_\_\_\_  
Date

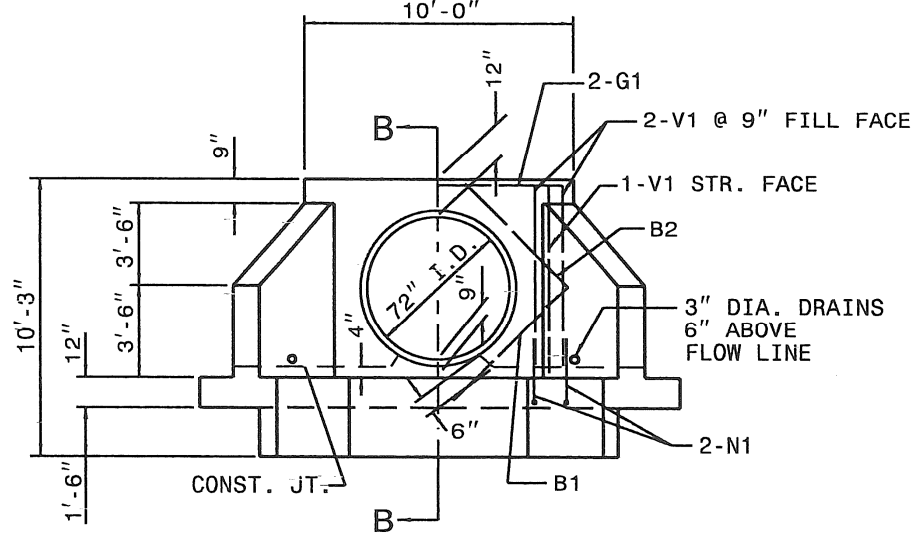




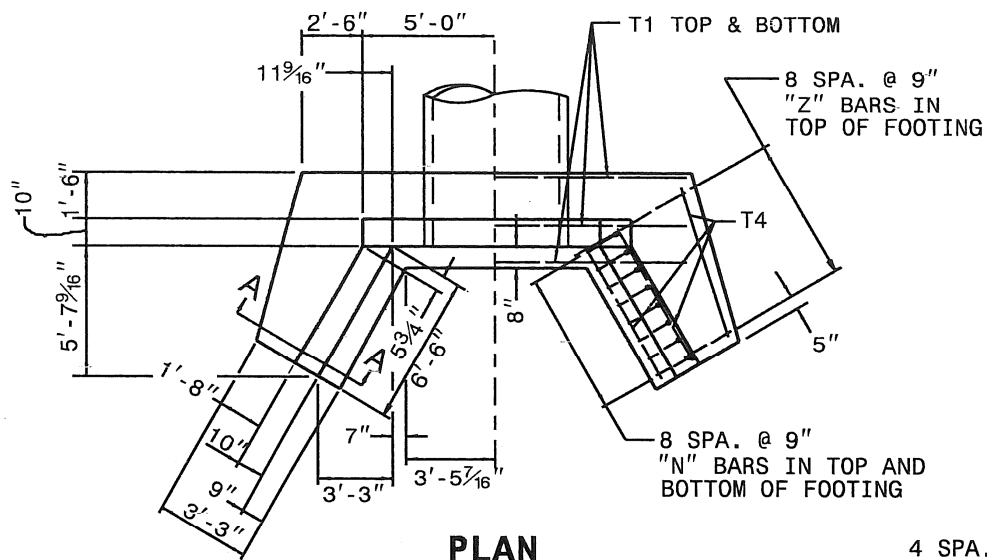


**ANTI-SEEP COLLAR DETAIL**

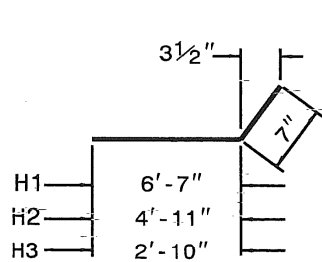




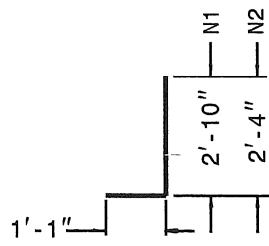
ELEVATION



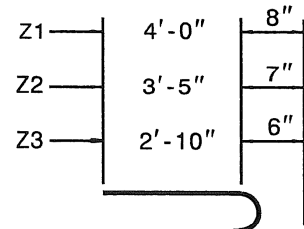
PLAN



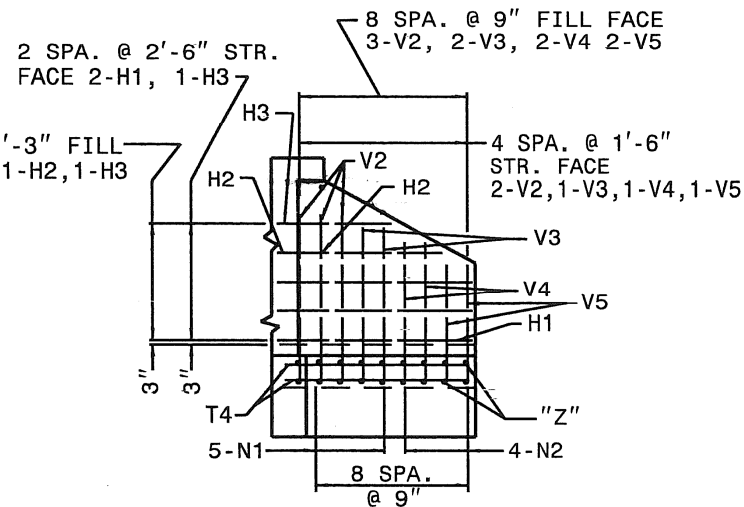
"H" BARS



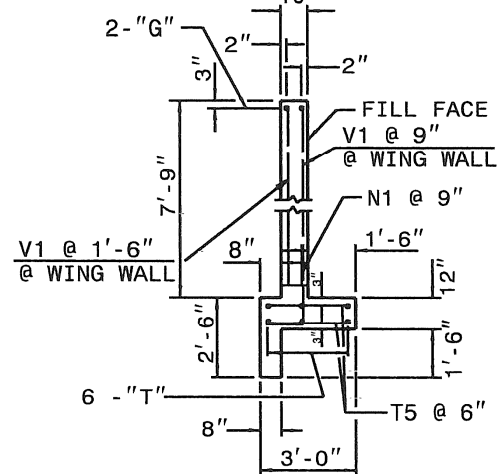
"N" BARS



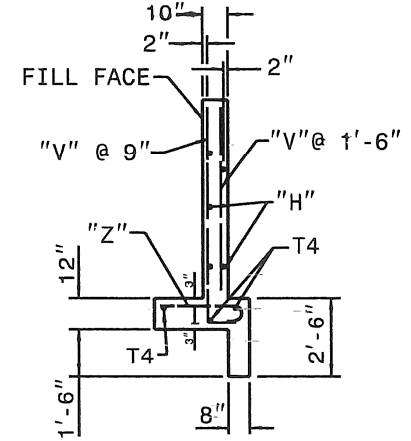
"Z" BARS



WING ELEVATION



SECTION - BB



SECTION - AA

SEE STD.# 838.45 FOR GENERAL NOTES.

BILL OF MATERIAL FOR ENDWALL				
REINF. STEEL			1 PIPE	
BAR	SIZE	LENGTH	NO.	WEIGHT
B1	#4	5'-6"	4	15
B2	#4	4'-6"	4	12
G1	#7	9'-8"	2	40
H1	#4	7'-2"	10	48
H2	#4	5'-6"	2	7
H3	#4	3'-5"	4	9
N1	#5	3'-11"	14	57
N2	#4	3'-5"	8	18
T1	#4	14'-6"	6	58
T4	#4	6'-9"	6	27
T5	#4	2'-6"	40	67
V1	#4	7'-3"	6	29
V2	#4	5'-10"	10	39
V3	#4	5'-0"	6	20
V4	#4	4'-1"	6	16
V5	#4	3'-2"	6	13
Z1	#6	4'-8"	6	42
Z2	#5	4'-0"	6	25
Z3	#4	3'-4"	6	13
REINF. STEEL LBS.			555	

ROADWAY STANDARD DRAWING FOR

REINFORCED CONCRETE ENDWALL

FOR SINGLE 72" PIPE 90° SKEW

1-18

GENERAL NOTES:

USE CLASS "A" CONCRETE.

CHAMFER ALL EXPOSED CORNERS 1".

ALL DIMENSIONS RELATIVE TO PLACEMENT OF REINFORCING STEEL ARE TO CENTERS OF BARS.

PLACE A STONE DRAIN CONSISTING OF ONE (1) CUBIC FOOT OF NUMBER 78M STONE CONTAINED IN A POROUS FABRIC AT EACH WEEP HOLE. PLACE SUBDRAIN FINE AGGREGATE BENEATH, AROUND AND OVER THE STONE DRAIN SO THE STONE DRAIN IS COMPLETELY COVERED BY A LAYER OF SUBDRAIN FINE AGGREGATE AT LEAST ONE (1) FOOT THICK. WHERE THERE IS MORE THAN ONE WEEP HOLE IN A WING WALL, PLACE A HORIZONTAL DRAIN OF SUBDRAIN FINE AGGREGATE AT LEAST ONE (1) FOOT SQUARE IN CROSS SECTION TO CONNECT ALL STONE DRAINS. PLACE A VERTICAL DRAIN OF SUBDRAIN FINE AGGREGATE AT LEAST ONE (1) FOOT SQUARE IN CROSS SECTION AT EACH WEEP HOLE TO AN ELEVATION OF TWO (2) FEET BELOW THE SURFACE OF THE EMBANKMENT.