



2019 ROADWAY IMPROVEMENT PROJECT  
NEIGHBORHOOD ROADS  
SALEM, NH

**ADDENDUM No. 1**

**January 18, 2019**

This Addendum forms part of the Bidding and Contract Documents and modifies the Drawings and Contract and Specifications for the 2019 Roadway Improvements Project. The items set forth herein, whether of omission, addition, substitution or clarification, are all to be included in and shall form part of the proposed work and Bids submitted to the Town of Salem, New Hampshire. Inclusion of this Addendum shall be acknowledged by inserting its number in the space provided in the Bid Proposal form (Section 00301A). Failure to acknowledge any and all addenda in the above specified Bid Proposal form may be cause for rejection of the bid by the Owner on the grounds that it is not responsive.

**ADDEDNDUM No. 1**

Bidders are advised the following clarifications and changes are generated by questions at the pre-bid meeting on January 10, 2019 and are hereby incorporated into the CONTRACT DOCUMENTS AND SPECIFICATIONS:

1. **Insert** the attached Section 00301A (Bid) in the CONTRACT DOCUMENTS AND SPECIFICATIONS and **Discard** the original version of Section 00301A.

**The revised document updates bid quantities.**

2. **Insert** the attached Drawing D4 – Details in the CONTRACT DOCUMENTS AND SPECIFICATIONS and **Discard** the original version of Drawing D4.

**The revised document provides a detail for Infiltration Catch Basins.**

3. **NH Licensed Land Surveyor requirement:** Specifications state Contractor must employ a NHLLS for survey, layout and as-built. Can Contractor self-perform if they have GPS and experienced personal.

**Yes. Demonstrated competency in layout by the Contractor is acceptable. Requirements of an LLS extend principally to crucial layout practices that need to be certified such as lot corners or bridge placement. The requirement also extends to those Contractors who do not have the proper equipment and do not have necessary competency and experience in layout control.**



4. **Joint Adhesive:** What is the requirement for hot rubber joint adhesive?

**Generally, Joint adhesive is only called for on a cold joint as defined by the continuation of work in excess of a day later. There are exceptions to the rule as field conditions will dictate. Pavement Joint Adhesive is subsidiary to the paving items.**

5. **Typical Trench Detail:** The detail indicates  $\frac{3}{4}$ " crushed stone for bedding but notes a gravel unit item (304.4). Which is correct?

**Pipe will be bedded in standard  $\frac{3}{4}$ " stone. There are no special requirements for bedding. The correct reference is Stone Size #4 from NHDOT Section 703, Table 1E.**

6. **Underdrain Detail:** The underdrain detail identifies Marafi N140 non-woven fabric, but the Supplemental specification identifies a woven microweave monofilament fabric. Which is correct?
7. **Marafi 140N (or approved equal) is the correct fabric. The Town is currently testing the performance of underdrain fabrics. Until results are obtained the continued use of the microweave monofilament is on hold.**

8. **Drain Pipe Length:** How is drainage pipe length broken down.

**Refer to the Quantity by Road spreadsheet in Appendix B of the specification book. All quantities are broken down by street.**

9. **Contract Award:** What is basis of the award?

**The Town intends on awarding all work so, the bids should be structured accordingly. The Town reserves the right to award the project on any combination of base and bid alternates.**

10. **Underground Utilities:** The existing underground utilities on Fox Run and Wildflower appear to be close to the roadway. Should test pits show they are within 5' of the edge of pavement, will the underdrain be installed below the pavement in order to maintain the 5' horizontal separation.

**Fox Run and Wild Flower were dig-safed during the design process. It does not appear there will be any issue with horizontal separation. Where conflicts arise underdrain shifts and minimum separation distances will be discussed.**

11. **Underground Utility Crossings:** there are several underdrain and utility crossings to be done, will these have to be done under a power shutdown coordinated with the utility company?

**Power in this neighborhood is not direct bury therefor power shut downs are not needed. Based on discussions with Liberty work can be as close as 18-inches. Vertical separation will meet this requirement.**

**12. Drain Structure Remodels:** How are drain structure remodels paid?

**Refer to Supplemental Specification 604 for the requirements of drain structure remodels.**

**13. Sidewalk:** How is sidewalk paid for?

**The project does not have any sidewalk work. Payment for new sidewalk work would normally be under a sidewalk item. Should any new sidewalk work be encountered payment shall be in accordance with typical NHDOT items for excavation, gravel, curb, pavement (hand method), etc. Where an item does not exist, pricing will be negotiated at that time.**

**\*\*END OF ADDENDA NO. 1\*\***

## SECTION 00301A

### BID

To the Town of Salem, New Hampshire, herein called the Owner, acting by and through its Engineering Division, for the 2019 Roadway Improvement Project – Fox Run Lane, Clover Court, Wildflower Lane, Lincoln Terrace, Olde Woode Road, Stoneybrook Lane, Old Derry Road, Eyssi Drive.

The Undersigned, as bidder, herein referred to as singular and masculine, declares as follows:

- (1) The only parties interested in this BID as Principals are named herein;
- (2) This BID is made without collusion with any other person, firm, or corporation;
- (3) No officer, agent, or employee of the Owner is directly or indirectly interested in this BID;
- (4) He has carefully examined the site and adjacent areas of the proposed Work and fully informed and satisfied himself as to the conditions and restraints existing, the character and requirements of the proposed Work, the difficulties attendant upon its execution given said conditions and restraints, and the accuracy of all estimated quantities stated in this BID, and he has carefully read and examined the Contract Documents therein referred to and knows and understands the terms and provisions thereof;
- (5) He understands that information relative to subsurface and other conditions, natural phenomena, existing pipes, foundations, and other structures (surface and/or subsurface) has been furnished only for his information and convenience without any warranty or guarantee, expressed or implied, that the subsurface and/or other conditions, natural phenomena, existing pipes, foundations, and other structures (surface and/or subsurface) actually encountered will be the same as those shown in the Contract Documents and he agrees that he shall not use or be entitled to use any such information made available to him through the Contract Documents or otherwise or obtained by him in his own examination of the site, as a basis of or ground for any claim against the Owner or the Engineer arising from or by reason of any variance which may exist between the aforesaid information made available to or acquired by him and the subsurface and/or other conditions, natural phenomena, existing pipes, foundations, and other structures (surface and/or subsurface) actually encountered during the

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construction work, and he has made due allowance therefore in this BID;

(6) He understands that protection of public or private property is the Contractor's responsibility and any damage, whether in or out of the work limit, to any public or private property, facility, structure or utility resulting from any action of his in the prosecution of work shall be his sole burden to correct to the fullest satisfaction of the owner of such public or private property, facility, structure or utility. He understands that no additional compensation of any kind is warranted or will be granted for any damage to any public or private property, facility, structure or utility damaged as a result of his prosecution of any work;

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(7) he understands that the quantities of work tabulated in this BID or indicated in the Contract Documents are only approximate and are subject to increase or decrease as deemed necessary by the Engineer;

(8) he agrees that, if this BID is accepted he will contract with the Owner, as provided in the copy of the Contract Documents deposited in the office of the Engineer, this BID form being part of said Contract Documents, and that he will perform all the work and furnish all the materials and equipment, and provide all labor, services, plant, machinery, apparatus, appliances, tools, supplies and all other things required by the Contract Documents in the manner and within the time therein prescribed and according to the requirements of the Engineer as therein set forth, and that he will take in full payment therefore the lump sum or unit price applicable to each item of the Work as stated in the schedule below.

Note: Bidders must submit a completed Statement of Bidders Qualifications with the Bid. Failure to submit a completed Statement of Bidders Qualifications may be deemed by the Owner as a non-responsive Bid. Refer to Section 00420.

Note: Bidders must bid on each item. All entries in the entire BID must be made clearly and in ink. In case of discrepancy between prices in writing and in figures, the writing shall govern. In case of discrepancy between the product obtained by multiplying the estimated quantity by the unit price, and the extended amount, the product obtained shall govern. In case of discrepancy between total of extended amounts and total amount of bid stated, total of extended amounts shall govern. Use the pages in this document when submitting proposal and submit contract documents intact.

This BID includes Addenda number(s) \_\_\_\_\_ (To be filled in by Bidder if Addenda are issued.)

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## **Bid Schedule**

### **2019 Roadway Improvement Project - Neighborhood Roads Salem, New Hampshire**

ITEM	DESCRIPTION	EST. QTY.	UNIT	UNIT PRICE		Figures	(Figures)	
				Words				
<b>BASE BID - SECTION 1</b>								
201.02	Grubbing	600	SY					
201.21	Remove Small Tree (5"-23")	32	EA					
201.22	Remove Large Tree (over 24")	5	EA					
202.41	Remove Existing pipe (0 - 24" diameter)	310	LF					
202.5	Remove Drain Structure (basin or manhole)	3	EA					
203.1	Common Excavation	550	CY					
203.11	Common Excavation for Driveways	475	CY					
203.6	Embankment in Place	460	CY					
206.19	Exploratory Excavation (test pits)	180	CY					
206.2	Rock Structure Excavation	515	CY					
214	Fine Grading	1	UNIT					
304.4	Crushed Stone Fine	425	CY					
306.108	Reclaimed Stabilized Base In-Place (8" Deep)	23322	SY					

ITEM	DESCRIPTION	EST. QTY.	UNIT	UNIT PRICE		Figures	(Figures)
				Words			
306.36	2" Stone for Reclaimed stabilized base (as directed)	1270	TONS				
403.11	3/4" Permanent Binder or Base Pavement	3629	TONS				
403.11	1/2" HBP Wearing Course	2044	TONS				
403.12	HBP Hand Method	345	TONS				
417	Cold Planing (at intersections)	120	SY				
572.1	R&R Stone Wall	125	LF				
585.3	Class C Stone Fill	105	CY				
602.00412	12" RCP Drain Pipe	46	LF				
603.83212	12" HDPE Drain Pipe	1165	LF				
603.83215	15" HDPE Drain Pipe	117	LF				
603.83236	36" HDPE Drain Pipe	50	LF				
603.999	Replacement of 36" culvert (48 LF, 36" HDPE)	1	UNIT				
604.0007	Polyethylene Liner	40	EA				
604.12	Catch Basin	17	EA				
604.32	Drain Manhole	2	EA				

ITEM	DESCRIPTION	EST. QTY.	UNIT	UNIT PRICE		Figures	(Figures)
				Words			
604.4	Reconstructing/Remodel Catch Basins	6	EA				
604.45	Adjust Catch Basin Grates & Frames	14	EA				
604.72	New Frame & Grate, Type B	8	EA				
605.506	6" HDPE Underdrain (Unspecified)	2580	LF				
609.813	Bituminous Curb	8220	LF				
611.90001	Adjust valve boxes	3	EA				
615.032	Traffic Sign, Type C w/Break away post	105	SF				
618	Uniformed Police for Traffic Control	ALLOWANCE		SEVENTY FIVE THOUSAND DOLLARS AND NO CENTS	\$ 75,000.00	\$ 75,000.00	
619.1	Maintenance of Traffic	1	LS				
628.2	Sawed Bituminous Pavement	3600	LF				
632.3118	Retroreflective Thermoplastic Pavment (18" Stop)	160	LF				
645.441	Sediment Filter Logs (compost sock)	950	LF				
645.531	Silt Fence	800	LF				
645.533	Inlet Filter Baskets	42	EA				
645.7	Storm Water Polution Prevention Plan (SWPPP)	1	UNIT				

ITEM	DESCRIPTION	EST. QTY.	UNIT	UNIT PRICE		Figures	(Figures)
				Words			
645.71	Monitoring SWPPP and Erosion & Sediment Controls	160	HR				
646.512	Turf Establishment w/ Mulch, Tackifiers, & Loam	10118	SY				
670.0662	Relocate mailbox	75	EA				
692	Mobilization	1	LS				
900	Precast headwall (12"-18")	12	EA				
900.2	Precast headwall (36")	2	EA				
912	Landscape (remove and reset)	1	LS				
1010.2	Asphalt Cement Adjustment	ALLOWANCE		FIFTEEN THOUSAND DOLLARS AND NO CENTS	\$ 15,000.00	\$ 15,000.00	
<b>TOTAL AMOUNT (BASE BID SECTION 1)</b>							

Key to Units: LF = Linear Feet; VF = Vertical Feet; SY = Square Yards; CY = Cubic Yards; LS = Lump Sum; EA = Each

ITEM	DESCRIPTION	EST. QTY.	UNIT	UNIT PRICE		Figures	(Figures)	
				Words				
<b>BID ALTERNATE 1 - OLD DERRY ROAD</b>								
201.1	Clearing & Grubbing	0.36	AC					
201.21	Remove Small Tree (5"-23")	3	EA					
201.4	Removal of Stumps	3	EA					
203.1	Common Excavation	230	CY					
203.11	Common Excavation for Driveways	50	CY					
203.2	Common Rock Excavation	100	CY					
203.6	Embankment in Place	100	CY					
206.2	Rock Structure Excavation	150	CY					
214	Fine Grading	1	UNIT					
304.4	Crushed Stone Fine	375	CY					
306.108	Reclaimed Remove Rehandle (8" Deep)	1309	SY					
403.11	3/4" Permanent Binder or Base Pavement	287	TONS					
403.11	1/2" HBP Wearing Course	172	TONS					
403.12	HBP Hand Method	40	TONS					

ITEM	DESCRIPTION	EST. QTY.	UNIT	UNIT PRICE		Figures	(Figures)
				Words			
417	Cold Planing (at intersections)	50	SY				
508	Structural Fill	100	CY				
572.1	R&R Stone Wall	200	LF				
585.3	Class C Stone Fill	20	CY				
603.83212	12" HDPE Drain Pipe	530	LF				
604.12	Catch Basin	4	EA				
604.121	Infiltration Catch Basin	1	EA				
604.222	Drop Inlet (2-foot diameter)	1	EA				
604.32	Drain Manhole	1	EA				
615.032	Traffic Sign, Type C w/Break away post	10	SF				
618	Uniformed Police for Traffic Control	ALLOWANCE		FIFTEEN THOUSAND DOLLARS AND NO CENTS		\$ 15,000.00	\$ 15,000.00
622.55	Reset Monument	2	EA				
628.2	Sawed Bituminous Pavement	150	LF				
632.3118	Retroreflective Thermoplastic Pavment (18" Stop)	25	LF				
645.441	Sediment Filter Logs (compost sock)	300	LF				

ITEM	DESCRIPTION	EST. QTY.	UNIT	UNIT PRICE		Figures	(Figures)
				Words			
645.531	Silt Fence	300	LF				
645.533	Inlet Filter Baskets	4	EA				
645.71	Monitoring SWPPP and Erosion & Sediment Controls	20	HR				
646.512	Turf Establishment w/ Mulch, Tackifiers, & Loam	2774	SY				
670.0662	Relocate mailbox	3	EA				
900	Precast headwall (12"-18")	2	EA				
<b>TOTAL AMOUNT (BID ALTERNATE 1)</b>							

Key to Units: LF = Linear Feet; VF = Vertical Feet; SY = Square Yards; CY = Cubic Yards; LS = Lump Sum; EA = Each

ITEM	DESCRIPTION	EST. QTY.	UNIT	UNIT PRICE		Words	Figures	EXTENDED TOTAL (Figures)		
<b>BID ALTERNATE 1 - EYSSI DRIVE</b>										
203.1	Common Excavation for Driveways	25	CY							
214	Fine Grading	1	UNIT							
304.4	Crushed Stone Fine	25	CY							
306.108	Reclaimed Stabilized Base In-Place (8" Deep)	823	SY							
403.11	Hot Bituminous Pavement, Machine Method	406	TONS							
403.12	HBP Hand Method	20	TONS							
417	Cold Planing (at intersections)	30	SY							
585.3	Class C Stone Fill	5	CY							
604.45	Adjust Catch Basin Grates & Frames	1	EA							
604.72	New Frame & Grate, Type B	1	EA							
615.032	Traffic Sign, Type C w/Break away post	10	SF							
618	Uniformed Police for Traffic Control	ALLOWANCE		FIVE THOUSAND DOLLARS AND NO CENTS		\$ 5,000.00	\$ 5,000.00			
628.2	Sawed Bituminous Pavement	150	LF							
632.3118	Retroreflective Thermoplastic Pavement (18" Stop)	25	LF							

ITEM	DESCRIPTION	EST. QTY.	UNIT	UNIT PRICE		Figures	(Figures)
				Words			
645.533	Inlet Filter Baskets	2	EA				
646.512	Turf Establishment w/ Mulch, Tackifiers, & Loam	467	SY				
670.0662	Relocate mailbox	6	EA				
900	Precast headwall (12"-18")	1	EA				
<b>TOTAL AMOUNT (BID ALTERNATE 1)</b>							

Key to Units: LF = Linear Feet; VF = Vertical Feet; SY = Square Yards; CY = Cubic Yards; LS = Lump Sum; EA = Each

**Total Amount of Base Bid – Section 1:**

\$ \_\_\_\_\_  
(Amount in Figures)

\_\_\_\_\_  
(Amount in Words)

**Total Amount of Bid Alternate 1 – Old Derry Road:**

\$ \_\_\_\_\_  
(Amount in Figures)

\_\_\_\_\_  
(Amount in Words)

**Total Amount of Bid Alternate 2 – Eyssi Drive:**

\$ \_\_\_\_\_  
(Amount in Figures)

\_\_\_\_\_  
(Amount in Words)

**Total Amount of Base Bid – Section 1 + Bid Alternate 1 + Bid Alternate 2:**

\$ \_\_\_\_\_  
(Amount in Figures)

\_\_\_\_\_  
(Amount in Words)

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The undersigned agrees that extra work, if any, performed in accordance with the Article 10 of the General Conditions of the Contract will be paid for in accordance with Article 11 of the General Conditions of the Contract.

If this BID is accepted by the Owner, the undersigned agrees to complete the entire work provided to be done under the Contract within the time stipulated in the AGREEMENT.

As provided in the INSTRUCTIONS TO BIDDERS, the bidder hereby agrees that he will not withdraw this BID for a period of 90 calendar days after the actual date of the opening of the Bid and that, if the Owner shall accept this BID, the bidder will duly execute and acknowledge the AGREEMENT and insurance and furnish, duly executed and acknowledged, the required CONTRACT BONDS within ten (10) days after notification that the AGREEMENT and other Contract Documents are ready for signature.

Should the bidder fail to fulfill any of his agreements as hereinabove set forth, the Owner shall have the right to retain as liquidated damages the amount of the bid security which shall become the Owner's property. If a bid bond was given, it is agreed that the amount thereof shall be paid as liquidated damages to the Owner by the Surety.

The bidder, by submittal of this BID, agrees with the Owner that the amount of the bid security deposited with this BID fairly and reasonably represents the amount of damages the Owner will suffer due to the failure of the bidder to fulfill his agreements as above provided.

The undersigned further certifies under penalties of perjury that this bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this paragraph the word "person" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity. The attached CERTIFICATE OF NON-COLLUSION must be signed and submitted as part of the Bid Proposal.

(SEAL) \_\_\_\_\_

(Name of Bidder) \_\_\_\_\_

By \_\_\_\_\_

(Signature and title of authorized  
representative) \_\_\_\_\_

\_\_\_\_\_ (Telephone)

\_\_\_\_\_ (Business address)

\_\_\_\_\_ (Fax Number)

\_\_\_\_\_ (City and State)

Date \_\_\_\_\_

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The bidder is a corporation incorporated in the State (or Commonwealth) of \_\_\_\_\_ - a partnership - an individual. (Bidder must add and delete as necessary to make this sentence read correctly.)

Note: If the bidder is a corporation, affix corporate seal and give below the names of its president, treasurer, and general manager if any; if a partnership, give full names and residential addresses of all partners; and if an individual, give residential address if different from business address.

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Road Improvement Program  
(rev Jan 2015)

## CERTIFICATE OF NON-COLLUSION

By submission of this Proposal, the bidder and each person signing on behalf of the bidder, certifies as to its own organization, under penalty of perjury, that to the best of their knowledge and belief:

1. The prices in this Bid Proposal have been arrived at independently without collusion, consultation, communication, or agreement with any other bidder or with any competitor for the purpose of restricting competition.
2. Unless required by law, the prices that have been quoted in this Bid Proposal have not been knowingly disclosed and will not knowingly be disclosed by the bidder, directly or indirectly, to any other bidder or competitor prior to opening of Proposals.
3. No attempt has been made or will be made by the bidder to induce any other person, partnership, or corporation to submit or not to submit a proposal for the purpose of restricting competition.
4. The signers of the Proposal hereby tender to the Owner this sworn statement that the named Contractor(s) has not, whether directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action to restrain free competitive bidding in connection with this Proposal.

A Bid Proposal will not be considered for award nor will any award be made where there has not been compliance with the statements in the certification above.

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(Name of person signing bid or proposal)

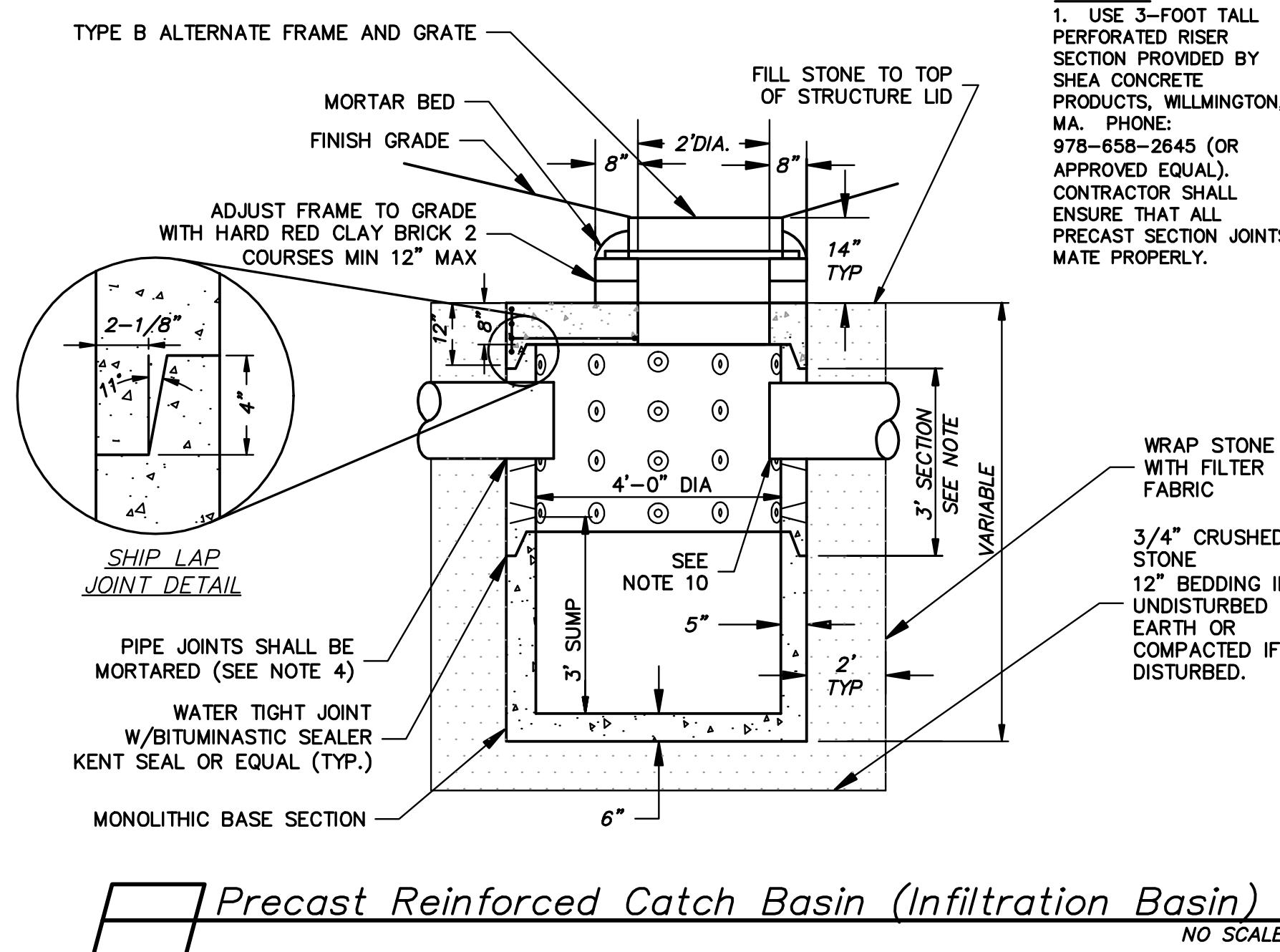
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(Name of business)

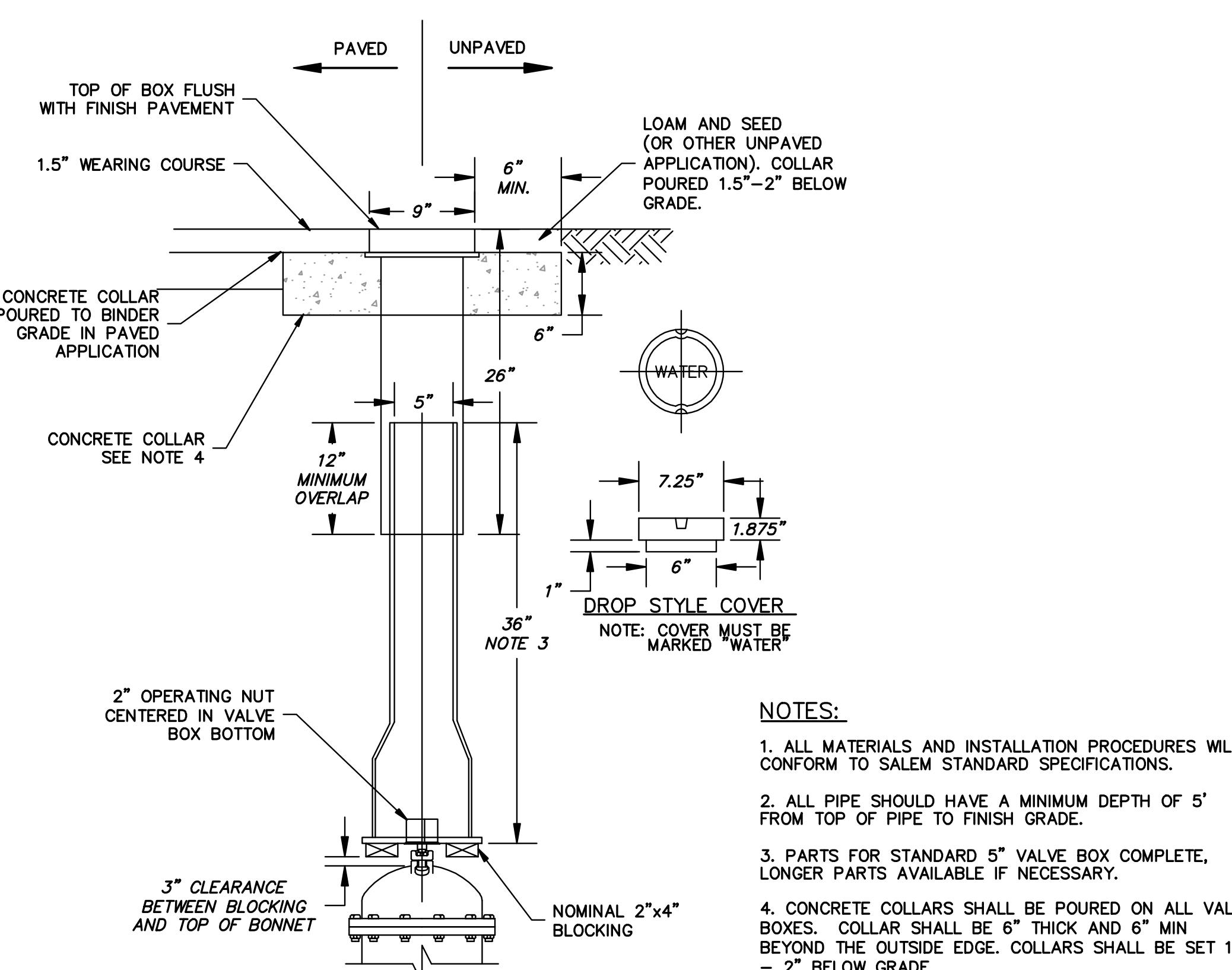
END OF SECTION 00301A

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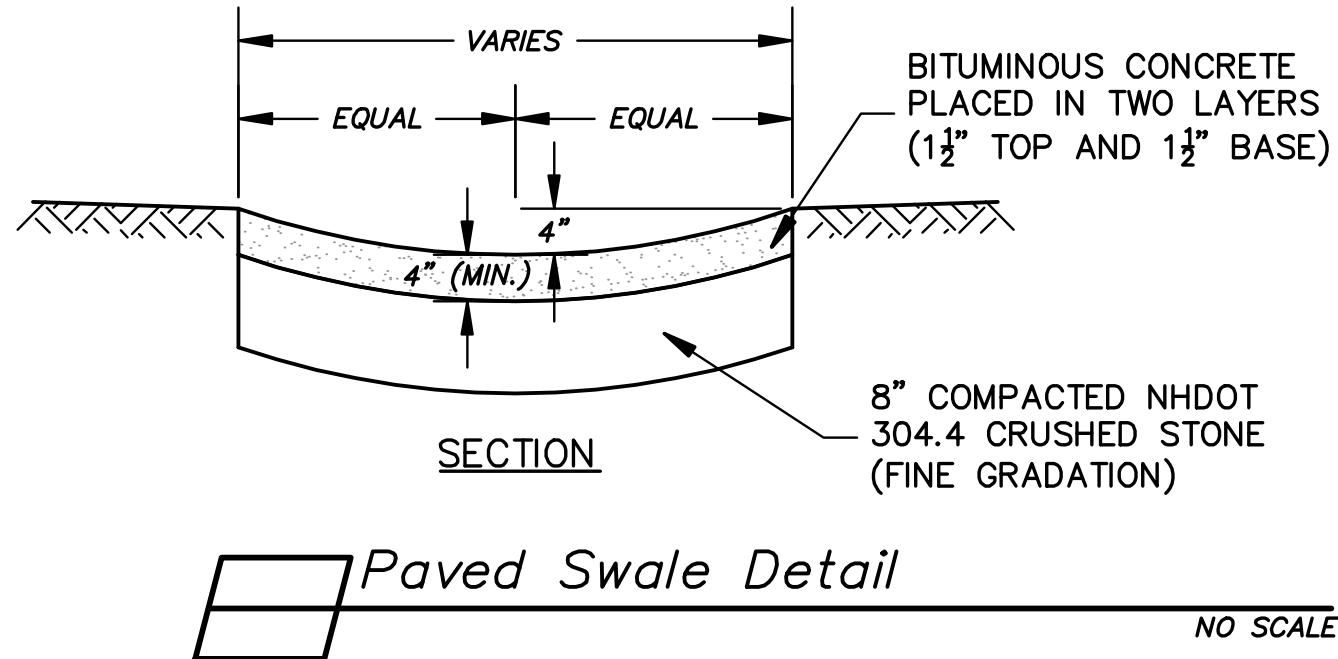
BID  
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# Precast Reinforced Catch Basin (Infiltration Basin)



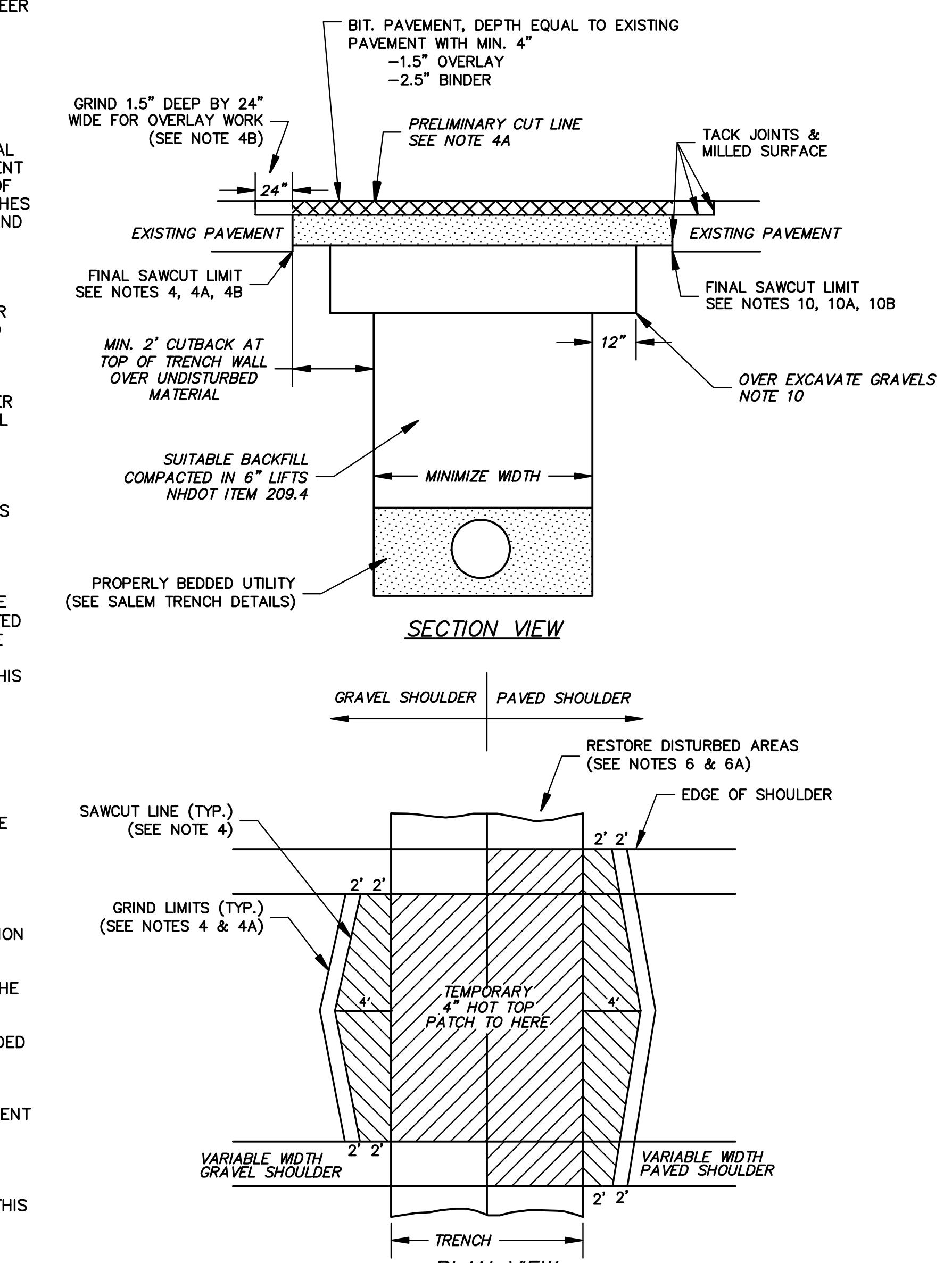
## Typical Gate Box Installation



# Paved Swale Detail

## NOTES

1. EXACT TRENCH PATCH METHODS SHALL BE DETERMINED BY THE ENGINEER BASED ON SITE SPECIFIC CONDITIONS. REFERENCE APPLICABLE TOWN OF SALEM TRENCH SECTION DETAILS FOR PROPER BEDDING REQUIREMENTS.
2. REFERENCE TOWN OF SALEM STREET EXCAVATION REQUIREMENTS FOR ADDITIONAL REQUIREMENTS AND INFORMATION. THIS DETAIL IS NOT COMPLETE WITHOUT ALL REFERENCED ITEMS.
3. TEMPORARY PATCHING: AN APPROVED BITUMINOUS PLANT MIX MATERIAL SHALL BE PLACED AND CAREFULLY GRADED AND ROLLED TO THE ADJACENT PAVEMENT GRADE AS A TEMPORARY PATCH. JUST BEFORE COMPLETION OF THE PROJECT AND AFTER SUITABLE EXPOSURE OF THE TEMPORARY PATCHES TO TRAFFIC COMPACTION, THE PAVEMENT SHALL BE SAWCUT, REMOVED AND REPAVED AS SHOWN.
4. TWO FOOT MINIMUM OVERLAP ON UNDISTURBED MATERIAL SHALL BE SAWCUT IN A DIAMOND SHAPE PATTERN THAT WILL PERMIT ONLY ONE WHEEL OF A VEHICLE AT A TIME TO STRIKE THE PATCH AREA. ON WIDER ROADS THE 4-FOOT DIMENSION AT THE CENTER OF THE ROAD MAY NEED TO BE EXTENDED TO MEET THIS INTENT. ALL SAW CUTS FOR THE FINAL PATCH SHALL BE AS DIRECTED BY THE PERMITTING AUTHORITY.
- 4A. INITIAL CUT LINE IN PAVEMENT SHALL BE ESTABLISHED DIRECTLY OVER TRENCH WALLS. FINAL CUT LIMITS SHALL NOT BE DONE UNTIL AFTER ALL EXCAVATION AND BACK FILL ACTIVITIES HAVE BEEN COMPLETED.
- 4B. CUT AND GRIND LIMITS SHALL BE EXTENDED FOR LARGER TRENCHES. SPECIFIC GRIND LIMITS SHALL BE DETERMINED BY THE PERMITTING AUTHORITY AT THE TIME OF CONSTRUCTION. ADDITIONAL CUT/GRIND LIMITS SHALL BE FIELD DETERMINED BASED ON DAMAGE TO THE SURROUNDING PAVEMENT.
5. SHOULDERS, OTHER THAN PAVED, DISTURBED DURING CONSTRUCTION, SHALL BE RESTORED BY EXCAVATING TO A DEPTH SUFFICIENT TO RECEIVE 6" CRUSHED BANK RUN GRAVEL WHICH SHALL BE GRADED AND COMPACTED ON A SLOPE OF 5% AWAY FROM THE PAVEMENT OR AS ORDERED BY THE TOWN. PAVED SHOULDER SHALL BE RECONSTRUCTED WITH IN-KIND GEOMETRY AND ACCORDING TO THE PAVEMENT SECTION DESCRIBED ON THIS TYPICAL.
6. OTHER HIGHWAY SLOPES AND SHOULDERS DISTURBED SHALL BE RESTORED IN-KIND WITH APPROPRIATE SLOPE AND EROSION PROTECTION MEASURES OR INSTRUCTIONS ISSUED BY THE TOWN.
- 6A. ALL OTHER DISTURBED AREAS (CURB, SIDEWALK, GRASSED AREAS, WALLS, ETC.) SHALL BE RESTORED IN-KIND AND/OR AS DIRECTED BY THE TOWN ACCORDING TO ACCEPTED CONSTRUCTION PRACTICES.
7. TRAFFIC SHALL BE MAINTAINED, CONTROLLED AND PROTECTED BY SUITABLE WARNING AND/OR CHANNELIZING DEVICES, ADVANCE WARNING SIGNS AND FLAGS DURING THE PERFORMANCE OF THE WORK IN ACCORDANCE WITH THE TOWN REQUIREMENTS AND ACCEPTED CONSTRUCTION PRACTICES.
8. THE CONTRACTOR SHALL MARK ALL HAZARDS WITHIN THE LIMITS OF THE PROJECT AND CONNECTING ROADS. THESE DEVICES SHALL BE MOVED, SUPPLEMENTED, CHANGED OR REMOVED DURING THE PROGRESS OF THE CONSTRUCTION. UNIFORMED TRAFFIC CONTROL OFFICERS SHALL BE PROVIDED FOR THE PROTECTION OF THE PUBLIC WHILE WORKING WITHIN A TOWN RIGHT-OF-WAY.
9. IN ALL CASES, TRENCH SHALL BE PAVED FLUSH WITH EXISTING PAVEMENT AT THE END OF THE WORK DAY EXCEPT AS ALLOWED BY PERMITTING AUTHORITY.
10. UPON COMPLETION OF BACK FILL OPERATIONS THE EXISTING ROAD GRAVELS SHALL BE OVER EXCAVATED 12" BEYOND THE TRENCH WALL. THIS WORK SHALL NOT BE COMPLETED PRIOR TO COMPLETING BACKFILL AND COMPACTION.



# Permanent Pavement Repair Detail

2019 ROADWAY IMPROVEMENT PROJECT NEIGHBORHOOD RECONSTRUCTION PROJECT		TOWN OF SALEM 33 CEREMONY DRIVE SALEM, NH 03079	
DEC 2018	N.T.S.	PLAN NO.	
SHEET:	D4	DATE	16 OCT 18
CIVIL DETAILS		NO.	REVISION
		DRAWN: <u>JAD</u>	DESIGNED: <u>JAD</u>
		CHECKED: <u>DH</u>	APPROVED: <u>DH</u>