

SALEM MUNICIPAL SERVICES

Roy E. Sorenson - *Director*

www.townofsalemnh.org



ENGINEERING DIVISION

Daniel Hudson, PE – *Director*

33 GEREMONTY DRIVE

SALEM, NH 03079

TEL: 603-890-2033 FAX: 603-898-1223

2017 ROADWAY IMPROVEMENT PROJECT

SALEM, NH

ADDENDUM No. 1

January 11, 2017

This Addendum forms part of the Bidding and Contract Documents and modifies the Drawings and Contract and Specifications for the 2017 Roadway Improvement 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 to make the following revisions to 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 adds quantities not shown in the original document.

2. **Insert** the attached "Quantity Breakdown by Street" into Appendix B in the CONTRACT DOCUMENTS AND SPECIFICATIONS and **Discard** the original version of the same.

The revised document adds quantities not shown in the original document.

3. **Insert** the attached "Road List and Geometry" into Appendix B in the CONTRACT DOCUMENTS AND SPECIFICATIONS and **Discard** the original version of the same.

The revised document accounts for the full width of the existing roadway (plus curbing if present) to be reclaimed. Reclaim quantities have been revised in the Bid Quantities and Quantities by Road spreadsheets noted above.

****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 2017 Roadway Improvement Project – Commercial Drive, Parker Circle, Woodland Avenue, Bradford Drive, Stanley Brook 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

BID

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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;
- (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.)

Bid Schedule
2017 Roadway Improvement Project
Salem, New Hampshire

ITEM	DESCRIPTION	EST. QTY.	UNIT	UNIT PRICE		EXTENDED TOTAL
				Words	Figures	(Figures)
BASE BID - SECTION 1						
201.21	Remove Small Tree (5"-23")	6	EA			
201.22	Remove Large Tree (over 24")	2	EA			
201.321	Tree Trimming and Pruning	1	LS			
201.4	Removal of Stumps	7	EA			
203.1	Common Excavation for Driveways	400	CY			
203.11	Common Excavation (F)	600	CY			
203.2	Rock Structure Excavation	50	CY			
203.6	Embankment in Place	200	CY			
206.19	Exploratory Excavation (test pits)	70	CY			
214	Fine Grading	1	UNIT			
304.2	Bank Run Gravel	200	CY			
304.4	Crushed Stone Fine	220	CY			
306.108	Reclaimed Stabilized Base In-Place (8" Deep)	2139	SY			
306.11	Reclaimed Stabilized Base In-Place (10" Deep)	16644	SY			
306.208	Reclaim, Remove and Rehandle Recl Stab Base (8" Deep)	2612	SY			
306.36	1.5" Stone for Reclaimed stabilized base (as directed)	200	TONS			
403.11	3/4" Permanent Binder or Base Pavement	3739	TONS			
403.11	1/2" HBP Wearing Course	1776	TONS			
403.12	HBP Hand Method	295	TONS			

ITEM	DESCRIPTION	EST. QTY.	UNIT	UNIT PRICE		EXTENDED TOTAL
				Words	Figures	(Figures)
417	Cold Planing (at intersections)	475	SY			
572.1	R&R Stone Wall	40	LF			
585.3	Class C Stone Fill	5	CY			
602.00412	12" RCP Drain Pipe	74	LF			
603.83212	12" HDPE Drain Pipe	165	LF			
603.9	Field Core	3	EA			
604.0007	Polyethylene Liner	34	EA			
604.12	Catch Basin	8	EA			
604.121	Infiltration Catch Basin	1	EA			
604.125	Catch Basin (5-foot w/ double grate)	2	EA			
604.34	Drain Structure, Change in Type	1	EA			
604.4	Reconstructing/Remodel Catch Basins	11	EA			
604.45	Adjust Catch Basin Grates & Frames	5	EA			
604.5	Adjust Manhole (Drain or Sewer)	6	EA			
604.6	New Frame & Cover (Drain or Sewer)	5	EA			
604.72	New Frame & Grate, Type B	17	EA			
604.729	New Double Frame & Grate, Type B	2	EA			
605.506	6" HDPE Underdrain (Unspecified)	200	LF			
609.813	Bituminous Curb	3600	LF			
611.90001	Adjust valve boxes	22	EA			
611.90002	New Valve Boxes	5	EA			
615.032	Traffic Sign, Type C w/Break away post	79	SF			
615.993	Remove and Dispose Billboard Sign	1	UNIT			
618	Uniformed Police for Traffic Control	ALLOWANCE		Fifty Thousand Dollars and no cents	\$ 50,000.00	\$ 50,000.00
619.1	Maintenance of Traffic	1	LS			
622.55	Reset Monuments	3	EA			

ITEM	DESCRIPTION	EST. QTY.	UNIT	UNIT PRICE		EXTENDED TOTAL
				Words	Figures	(Figures)
628.2	Sawed Bituminous Pavement	2200	LF			
632.3118	Retroreflective Thermoplastic Pavment (18" Stop)	190	LF			
645.441	Sediment Filter Logs	5	EA			
645.531	Silt Fence	100	LF			
645.533	Inlet Filter Baskets	29	EA			
645.7	Storm Water Polution Prevention Plan (SWPPP)	1	UNIT			
645.71	Monitoring SWPPP and Erosion & Sediment Controls	100	HR			
646.512	Turf Establishment w/ Mulch, Tackifiers, & Loam	9238	SY			
651.001	Evergreen Tree - 6'-8' height	5	EA			
652.001	Deciduous Tree - 2-1/2"-3" Caliper	5	EA			
670.0662	Relocate mailbox	61	EA			
692	Mobilization	1	LS			
900	Precast headwall (12"-18")	1	EA			
900.9	Jet-vac structures and pipes	1	LS			
912	Landscape (remove and reset)	1	LS			
1010.2	Asphalt Cement Adjustment	ALLOWANCE		Five Thousand Dollars and no cents	\$ 5,000.00	\$ 5,000.00
TOTAL AMOUNT (BASE BID SECTION 1)						

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		EXTENDED TOTAL
				Words	Figures	(Figures)
BID ALTERNATE 1 - STANLEY BROOK DRIVE						
201.21	Remove Small Tree (5"-23")	3	EA			
202.41	Removal of Pipe (0-24")	45	LF			
203.1	Common Excavation for Driveways	60	CY			
203.11	Common Excavation (F)	120	CY			
203.2	Rock Structure Excavation	20	CY			
203.4	Excavation of Unsuitable Material	30	CY			
203.6	Embankment in Place	50	CY			
206.19	Exploratory Excavation (test pits)	10	CY			
214	Fine Grading	1	UNIT			
304.2	Bank Run Gravel	50	CY			
304.4	Crushed Stone Fine	40	CY			
306.108	Reclaimed Stabilized Base In-Place (8" Deep)	4,453	SY			
306.208	Reclaim, Remove and Rehandle Recl Stab Base (8" Deep)	440	SY			
306.36	1.5" Stone for Reclaimed stabilized base (as directed)	200	TONS			
403.11	3/4" Permanent Binder or Base Pavement	732	TONS			
403.11	1/2" HBP Wearing Course	439	TONS			
403.12	HBP Hand Method	50	TONS			
417	Cold Planing (at intersections)	35	SY			
585.3	Class C Stone Fill	30	CY			
603.00418	18" RCP Drain Pipe	124	LF			
603.00424	24" RCP Drain Pipe	62	LF			

ITEM	DESCRIPTION	EST. QTY.	UNIT	UNIT PRICE		EXTENDED TOTAL
				Words	Figures	(Figures)
603.83212	12" HDPE Drain Pipe	58	LF			
603.9	Field Core	2	EA			
604.0007	Polyethylene Liner	1	EA			
604.12	Catch Basin	1	EA			
604.45	Adjust Catch Basin Grates & Frames	1	EA			
604.72	New Frame & Grate, Type B	1	EA			
628.2	Sawed Bituminous Pavement	300	LF			
632.3118	Retroreflective Thermoplastic Pavment (18" Stop)	20	LF			
645.441	Sediment Filter Logs	5	EA			
645.51	Hay Bales	20	EA			
645.531	Silt Fence	100	LF			
645.533	Inlet Filter Baskets	2	EA			
645.71	Monitoring SWPPP and Erosion & Sediment Controls	20	HR			
646.512	Turf Establishment w/ Mulch, Tackifiers, & Loam	2,493	SY			
670.0662	Relocate mailbox	15	EA			
900	Precast headwall (12"-18")	5	EA			
900.124	Precast headwall (24")	2	EA			
TOTAL AMOUNT (BID ALTERNATE 1)						

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 Stanley Brook Drive

\$ _____
(Amount in Figures)

(Amount in Words)

Total Amount of Base Bid Section 1 Bid Alternate 1

\$ _____
(Amount in Figures)

(Amount in Words)

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.

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.

(Name of person signing bid or proposal)

(Name of business)

END OF SECTION 00301A

BID
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Quantity Breakdown by Street

Note: Quantities herein are provided solely to give the bidder an indication of how work is divided by road. The quantities and locations, however, are not necessarily intended to represent the final amounts to be utilized on each road.

SECTION 1 - BASE BID					Commercial Dr	Parker Cir	Woodland Ave	Bradford Dr	Stanley Brook Dr (BID ALT 1)
ITEM	DESCRIPTION	EST. QTY. total	BID ALT total	UNIT					
201.21	Remove Small Tree (5"-23")	6	3	EA			6		3
201.22	Remove Large Tree (over 24")	2	0	EA			2		
201.321	Tree Trimming and Pruning	1	0	LS					
201.4	Removal of Stumps	7	0	EA		6	1		
202.41	Removal of Pipe (0-24")	0	45	LF					45
203.1	Common Excavation for Driveways	400	60	CY	100	75	75	150	60
203.11	Common Excavation (F)	600	120	CY		500	100		120
203.2	Rock Structure Excavation	50	20	CY	40	10			20
203.4	Excavation of Unsuitable Material	0	30	CY					30
203.6	Embankment in Place	200	50	CY	50	50	50	50	50
206.19	Exploratory Excavation (test pits)	70	10	CY	20		25	25	10
214	Fine Grading	1	1	UNIT	0.25	0.25	0.25	0.25	1
304.2	Bank Run Gravel	200	50	CY	50	50	50	50	50
304.4	Crushed Stone Fine	220	40	CY	70	50	50	50	40
306.108	Reclaimed Stabilized Base In-Place (8" Deep)	2,139	4,453	SY			2139.4		4453.3
306.110	Reclaimed Stabilized Base In-Place (10" Deep)	16,644	0	SY	7,688	3108		5848.2	
306.208	Reclaim, Remove and Rehandle Recl Stab Base (8" Deep)	2,612	440	SY		2362.2	250		440
306.360	1.5" Stone for Reclaimed stabilized base (as directed)	200	200	TONS				200	200
403.11	3/4" Permanent Binder or Base Pavement	3,739	732	TONS	1,841	849	353	696	732
403.11	1/2" HBP Wearing Course	1,776	439	TONS	637	509	212	418	439
403.12	HBP Hand Method	295	50	TONS	100	50	45	100	50
417	Cold Planing (at intersections)	475	35	SY	100	75	200	100	35
572.1	R&R Stone Wall	40	0	LF			25	15	
585.3	Class C Stone Fill	5	30	CY		5			30
602.00412	12" RCP Drain Pipe	74	0	LF	74				

Note: Quantities herein are provided solely to give the bidder an indication of how work is divided by road. The quantities and locations, however, are not necessarily intended to represent the final amounts to be utilized on each road.

					Commercial Dr	Parker Cir	Woodland Ave	Bradford Dr	Stanley Brook Dr (BID ALT 1)
603.00418	18" RCP Drain Pipe	0	124	LF					124
603.00424	24" RCP Drain Pipe	0	62	LF					62
603.83212	12" HDPE Drain Pipe	165	58	LF		40	91	34	58
603.9	Field Core	3	2	EA	2			1	2
604.0007	Polyethylene Liner	34	1	EA	16	5	6	7	1
604.12	Catch Basin	8	1	EA	1	2	3	2	1
604.121	Infiltration Catch Basin	1	0	EA			1		
604.125	Catch Basin (5-foot w/ double grate)	2	0	EA	2				
604.34	Drain Structure, Change in Type	1	0	EA				1	
604.4	Reconstructing/Remodel Catch Basins	11	0	EA	9		2		
604.45	Adjust Catch Basin Grates & Frames	5	1	EA	4		1		1
604.5	Adjust Manhole (Drain or Sewer)	6	0	EA	6				
604.6	New Frame & Cover (Drain or Sewer)	5	0	EA	5				
604.72	New Frame & Grate, Type B	17	1	EA	7	3	2	5	1
604.729	New Double Frame & Grate, Type B	2	0	EA	2				
605.506	6" HDPE Underdrain (Unspecified)	200	0	LF				200	
609.813	Bituminous Curb	3,600	0	LF	3,600				
611.90001	Adjust valve boxes	22	0	EA	15		3	4	
611.90002	New Valve Boxes	5	0	EA	5				
615.032	Traffic Sign, Type C w/Break away post	79.00	0	SF	23.75	21.75	14.75	18.50	
615.993	Remove and Dispose Billboard Sign	1	0	UNIT			1.00		
618	Uniformed Police for Traffic Control	ALLOWANCE							
619.1	Maintenance of Traffic	1		LS					
622.55	Reset Monuments	3	0	EA			3		
628.2	Sawed Bituminous Pavement	2,200	300	LF	400	600	400	800	300
632.3118	Retroreflective Thermoplastic Pavment (18" Stop)	190	20	LF	100	35	15	40	20
645.441	Sediment Filter Logs	5	5	EA		5			5
645.51	Hay Bales	0	20	EA					20
645.531	Silt Fence	100	100	LF		100			100
645.533	Inlet Filter Baskets	29	2	EA	10	4	3	12	2
645.7	Storm Water Polution Prevention Plan (SWPPP)	1	0	UNIT					
645.71	Monitoring SWPPP and Erosion & Sediment Control	100	20	HR	25	25	25	25	20

Note: Quantities herein are provided solely to give the bidder an indication of how work is divided by road. The quantities and locations, however, are not necessarily intended to represent the final amounts to be utilized on each road.

					Commercial Dr	Parker Cir	Woodland Ave	Bradford Dr	Stanley Brook Dr (BID ALT 1)
646.512	Turf Establishment w/ Mulch, Tackifiers, & Loam	9,238	2,493	SY	2,409	2704	1596	2529	2493
651.001	Evergreen Tree - 6'-8' height	5	0	EA		2	3		
652.001	Deciduous Tree - 2-1/2"-3" Caliper	5	0	EA		2	3		
670.0662	Relocate mailbox	61	15	EA		21	11	29	15
692	Mobilization	1	0	LS					
900	Precast headwall (12"-18")	1	5	EA		1			5
900.124	Precast headwall (24")	0	2	EA					2
900.9	Jet-vac structures and pipes	1	0	LS				1	
912	Landscape (remove and reset)	1	0	LS					
1010.2	Asphalt Cement Adjustment	ALLOWANCE							

* items are of indeterminant quantity

**2017 Road Improvement Program
Salem, New Hampshire
Road List and Geometry**

Road Name	road station		NOTE	length (ft)	avg width (ft)	width (ft)	reclaim area (sy)	paved area (sy)	Comments
	from	to			existing	reconstructed			
Commercial Dr	0+75	18+40		1765	37	34	7256.1	6668	reclaim in place (10" Deep)
Northwestern Tail			Intersection				202.0	202	reclaim in place (10" Deep)
Industrial Tail			Intersection				230.0	230	reclaim in place (10" Deep)
Parker Cir	0+15	0+45	Intersection	30	45	45	150.0	150	reclaim remove rehandle (8" Deep)
Parker Cir	0+45	9+50		905	22	24	2212.2	2413	reclaim remove rehandle (8" Deep)
Parker Cir	9+50	20+12		1062	24	24	2832.0	2832	reclaim in place (10" Deep)
Parker Cir	20+12	20+32	Intersection	20	45	45	100.0	100	reclaim in place (10" Deep)
Teague Dr tail			Intersection				176.0	176	reclaim in place (10" Deep)
Stanley Brook Dr	0+35	2+00		165	24	24	440.0	440	reclaim remove rehandle (8" Deep)
Stanley Brook Dr	2+00	18+70		1670	24	24	4453.3	4453	reclaim in place (8" Deep)
Woodland Ave	0+10	0+45	Intersection	35	35	35	136.1	136	reclaim in place (8" Deep)
Woodland Ave	0+45	7+50		705	16	16	1253.3	1253	reclaim in place (8" Deep)
Woodland Ave	7+50	8+75		125	18	16	250.0	222	reclaim remove rehandle (8" Deep)
Woodland Ave	8+75	10+75	cul-de-sac	200	16	16	750.0	750	reclaim in place (8" Deep)
Bradford Dr	0+15	0+35	Intersection	20	46	46	102.2	102	reclaim in place (10" Deep)
Bradford Dr	0+35	13+60		1325	27	20	3975.0	2944	reclaim in place (10" Deep)
Bradford Dr	20+13	20+40	Intersection	27	46	46	138.0	138	reclaim in place (10" Deep)
Bradford Dr	20+40	25+35		495	27	24	1485.0	1320	reclaim in place (10" Deep)
Grove Tail			Intersection				90.0	90	reclaim in place (10" Deep)
Crescent Tail			Intersection				58.0	58	reclaim in place (10" Deep)