NEWTOWN MUNICIPAL CENTER
3 PRIMROSE STREET
NEWTOWN, CONNECTICUT 06470
TEL. (203) 270-6131 / FAX (203) 270-4205

www.newtown-ct.gov

RICK SPREYER

TOWN OF NEWTOWN
PURCHASING AGENT

Sealed bids will be received at the office of the Financial Director, **3 Primrose Street**, Newtown, Connecticut 06470, until but no later than **11:00 am, Tuesday, June 15, 2021:**

Cover: **Drainage Project –Osborne Hill Road (working days to complete: 90)**

The Purchasing Authority of the Town of Newtown reserves the right to accept or reject any or all options, bids or proposals; to waive any technicality in any bid or part thereof, and to accept any bid deemed to be in the best interest of the Town of Newtown.

The Town of Newtown is an Affirmative Action Employer-MBE/WBE are encouraged to bid. Bid specs are available on-line under the Purchasing Department at www.newtown-ct.gov or by calling the Finance Department at 203-270-4221.

Daniel C. Rosenthal
First Selectman

Robert G. Tait
Financial Director

PURCHASING AUTHORITY

TOWN OF NEWTOWN PURCHASING AUTHORITY
INSTRUCTIONS TO BIDDERS

1. Submit bids in a sealed envelope plainly marked to identify the particular bid. It is the sole responsibility of the bidder to see that the bid is in the hands of the proper authority prior to the bid opening time. Bidders may be present at the opening of the bids.

2. Withdrawals of, or amendments to bids received later than the time and date specified for bid opening will not be considered.

3. The Purchasing Authority of the Town of Newtown reserves the right to accept or reject any or all options, bids, or proposals; to waive any technicality in any bid, or part thereof, and to accept any bid deemed to be in the best interest of the Town of Newtown, Connecticut.

4. Bids may be held by the Town of Newtown for a period not to exceed sixty (60) days from the opening of the bids for the purpose of reviewing the bids and investigating the qualifications of bidders prior to the awarding of the contract.

5. Bids must be submitted on the "Sealed Bid Request" form enclosed at the end of this packet. All items must be filled in (unit cost, trade-in for each unit, etc.). Failure to comply with this requirement will automatically void the bid.

6. Trade-ins, when indicated, will be listed on the Sealed Bid Request form. The Town of Newtown reserves the right to trade all, some or none of the vehicles listed as deemed in the best interest of the Town. Bidders may submit a bid on the new vehicles with or without trade-ins or may submit bids on the trade-ins only, either individually or by lot. Trade-ins must be detailed individually as indicated on the Sealed Bid Request form. Trade-ins may be used in determining the lowest responsible bid.

7. The Town may consider proximity of the vendor's service as a factor in determining lowest price and reserves the right to award in whole or part to one or more vendors.

8. The Town agrees to pay for all equipment within thirty (30) working days after the equipment has been accepted and claim (invoice) presented.

9. Bid Security when required must be by a **certified check, letter of credit or surety bond** for five percent (5%) of the total bid, payable to the Town of Newtown. If a surety bond is enclosed, it shall be written on AIA Document A310, Bid Bond, unless otherwise provided in the Bidding Documents, and the attorney-in-fact who executes the bond on behalf of the surety shall affix to the bond a certified and current copy of the Power of Attorney.

10. The Town of Newtown reserves the right to retain the bid security of Bidders to whom an award is being considered until either: (a) the Contract has been executed and bonds, if required, have been furnished, or (b) the specified time has elapsed so that Bids may be withdrawn or (c) all bids have been rejected.

11. Prior to awarding any contract exceeding $25,000.00 for the construction, alteration, or repair for any public building or public work, a 100% performance bond and a labor or materialmen's bond must be furnished by the person to whom the contract is awarded.

12. Performance Bond when required must be by a **certified check, letter of credit or performance bond** for one hundred percent (100%) of the total bid. When submitting a performance bond, bonds must be written on AIA Document A312, Performance Bond and Payment Bond. Both bonds shall be written in the amount of the Contract Sum.

13. The successful bidder will be required to post a Certificate of Insurance, with the Town of Newtown named as additional insured, in an amount to be determined by the Town of Newtown.

SPECIAL INSTRUCTIONS
DRAINAGE IMPROVEMENT PROJECTS

BIDDING
All bids shall be submitted on the bid form attached. Any kind of unbalanced bidding such as zeroing an item will disqualify your bid at the discretion of the Town.

GENERAL SPECIFICATIONS
All construction shall be in accordance with the applicable sections of "The State of Connecticut Department of Transportation Standard Specifications for Roads, Bridges and Incidental Construction" also known as and herein referred to as "Form 817"or its successors, except as modified below, or in the specific project bid.

STARTING TIME
The Contractor is required to start work after receiving written confirmation of the bid award. The Town will give the Contractor a written notice to proceed letter which will stipulate start and completion dates and a Purchase Order number. The Contractor shall submit a certificate of insurance showing adequate coverage for workmen's compensation, bodily injury liability and property damage liability before any work begins.

PRECONSTRUCTION MEETING
A mandatory preconstruction meeting between the Town and contractor must be help prior to the commencement of any work by the contractor.

PROJECT DURATION
The Contractor is required to work continuously on the project until its completion. Any interruptions in the work schedule must be approved by the Town. All work on the project must be completed by the completion date as specified. Any extension to this completion date must be done by Change Order and will be only granted at the Town's discretion. Reasons for time extensions could include weather, extraordinary site conditions etc.

Project Name: **Drainage Project – Osborne Hill Road**
Working Days to Complete: 90

Start and Completion Dates will be specified in the notice to proceed letter.

HOURS of WORK
The hours of work for this project shall be from 7:00 AM to 3:30 PM, Monday through Friday.
No work shall be performed on weekends or official Town holidays. Any exception to the above must be approved by the Town.

LIQUIDATED DAMAGES
In the event that the Contractor fails to complete the project within the required time there will be a fine in the amount of five hundred ($500.00) dollars per day for liquidated damages. These damages will be deducted from payment of monies owed to the Contractor.

MAINTENANCE and PROTECTION of TRAFFIC
Reference: MUTCD, ATSSA, CT DOT Form 817 and successors

The Contractor is responsible for the safe passage of vehicles through the work zone in cases were the road cannot be closed to traffic. The Contractor shall have at least 1 (one) designated Traffic Person (Uniformed Flagger) on site at all times.

The Contractor is required to have the appropriate signage, traffic cones and barricades to set up sign patterns as required for the existing road conditions.

TOWN SUPPLIED MATERIAL

1) All pipe, including collars and hardware
2) Precast concrete catch basins and manholes
3) Precast concrete tops for basins
4) Precast basin and top risers
5) Concrete brick and block
6) Broken stone for underdrain
7) Processed Gravel (Road Mix)
8) Asphalt Concrete
9) Riprap
10) Topsoil and grass seed, baled hay for landscaping only (not erosion and sediment control)
11) Earth fill

The above items except for the asphalt will be stored at the Town of Newtown Highway Garage located at 4 Turkey Hill Road. It is the Contractors responsibility to transport all materials to the job site. **No material will be delivered by the Town or Town vendors.** The asphalt will be obtained from an approved plant designated by the Town. The Contractor is responsible to haul asphalt to the site.

The Contractor is responsible to supply the Town with load tickets from the asphalt plant to verify tonnage. Any material damaged by the Contractor shall be replaced in kind by the Contractor.

The Contractor is responsible to supply the following item in order to complete the work. Cost for these items shall be included in other items in the project bid.

CONTRACTOR SUPPLIED MATERIAL

1) Mortar Mix
2) Reinforcing steel
3) Engineering/filter fabric
4) Asphalt tack coat
5) Siltation fence
6) Haybales and jute matting for erosion control
7) Class A concrete

GENERAL

The Contractor shall supply all equipment, labor, tools and incidental work necessary to complete the project as bid. The Contractor is responsible for field verifying all grades, locations and measurements shown on the plans. The Town Engineer shall be notified immediately of any discrepancies found.

While excavating, all waste material shall be loaded onto and removed by the Contractors trucks as the work progresses. No waste material shall be left on site. The Contractor is responsible to keep the construction area (including road surface) neat and clean. The cost of clearing and grubbing shall be included in the price bid for various items of construction unless a price for clearing and grubbing is requested in the bid.

The designated site for the disposal of excess excavated materials is the Newtown Highway Garage located at 4 Turkey Hill Road or other sites approved by the Town. Alternate sites, arranged by the Contractor may be permitted with the approval of the Town.

Restoration of disturbed areas: All disturbed areas shall be free of large rocks, stumps, brush or bruised trees or limbs. Areas shall be graded to restore or improve drainage patterns. Four (4)" of topsoil shall be spread and fine grade established with a rake. Grass seed and mulch shall be applied. Wood chips may be allowed in certain areas with permission from the Town. Gravel roads and drives shall have gravel replaced to a compacted depth of 12". The cost for restoration shall be included in other items bid in the contract unless a price is requested in the bid.

Adequate provisions for the passage of vehicular traffic normally using the roadway shall be made. Closing roads to thru traffic will be permitted only where adequate detours are available and only with prior approval of the Police and Fire Departments. Suitable access to all properties in the construction are shall be maintained at all times.

Requests for payment for additional work shall be made by Change Order only. The Change Order shall state the extent of the work and the amount of additional compensation requested. The Contractor shall not proceed with any extra work without written approval from the Town.

The Contractor is responsible for having all underground utilities marked and shall have a cleared starting date by CALL BEFORE YOU DIG.

The Contractor is responsible for supplying material, equipment and labor to install any sediment and erosion controls deemed necessary by the Town. Cost for this item shall be included in other items in the bid.

OSBORNE HILL RD
DRAINAGE PROJECT-2020

ITEM DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL COST
Pipe Installation			
1. 6" Underdrain	382 LF	_____/LF	_____
2. 15" Solid Pipe	1708.5 LF	_____/LF	_____
3. 15" Underdrain	95 LF	_____/LF	_____
4. 18" Solid Pipe	453 LF	_____/LF	_____
5. 18" Underdrain	573 LF	_____/LF	_____
6. 24" Solid Pipe	163.5 LF	_____/LF	_____
7. 24" Underdrain	495 LF	_____/LF	_____
Precast Catch Basin with Top			
8. 3 ft. Catch Basin with Type "C" Top, (0-6' high)	25 EA	_____/EA	_____
9. 3 ft. Catch Basin with Type "C" Top, (6'-12' high)	2 EA	_____/EA	_____
10. 4 ft. Catch Basin with Type "C" Top, (0-6' high)	6 EA	_____/EA	_____
11. 4 ft. Catch Basin with Type "C" Top, (6'-12' high)	4 EA	_____/EA	_____
Clean Ditch Line			
12. Clean Ditch Line	100 LF	_____/LF	_____
Rock in Trench Excavation			
13. Rock in Trench Excavation (Est.)	10 CY	_____/CY	_____
Pipe End Sections			
14. Pipe End Sections (24")	1 EA	_____/EA	_____
Asphalt Concrete Pavement			
15. Asphalt Concrete Pavement (3 ½")	300 TON	_____/TON	_____
Asphalt Concrete Curb			
16. Asphalt Concrete Curb (6")	3450 LF	_____/LF	_____
Maintenance And Protection of Traffic			
17. Maintenance and Protection of Traffic	1 LS	LUMP SUM	_____

TOTAL PROJECT $_____

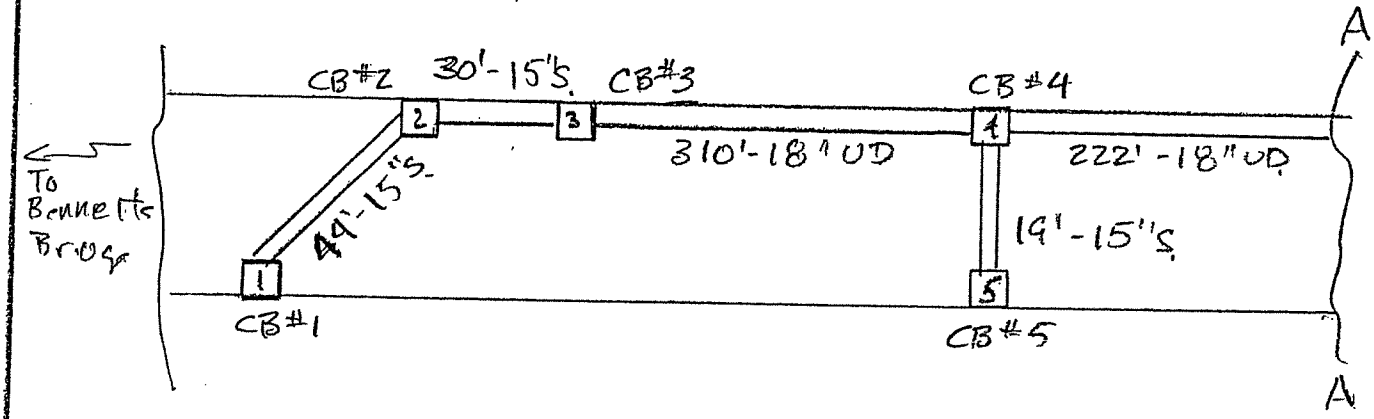
OSBORNE HILL ROAD
DRAINAGE PROJECT-2020

COMPANY NAME	TELEPHONE
ADDRESS	EMAIL ADDRESS
ADDRESS	TAX I.D. NUMBER

ENGINEERING DEPARTMENT
4 Turkey Hill Road
Newtown, Connecticut 06470
Tel. (203) 270-4300
Fax (203) 426-9968

TOWN OF NEWTOWN

JOB Osborne Hill Rd
SHEET No. 1 of 5
CALCULATED BY RHB
DATE 2/10/20
CHECKED BY
DATE
SCALE NTS

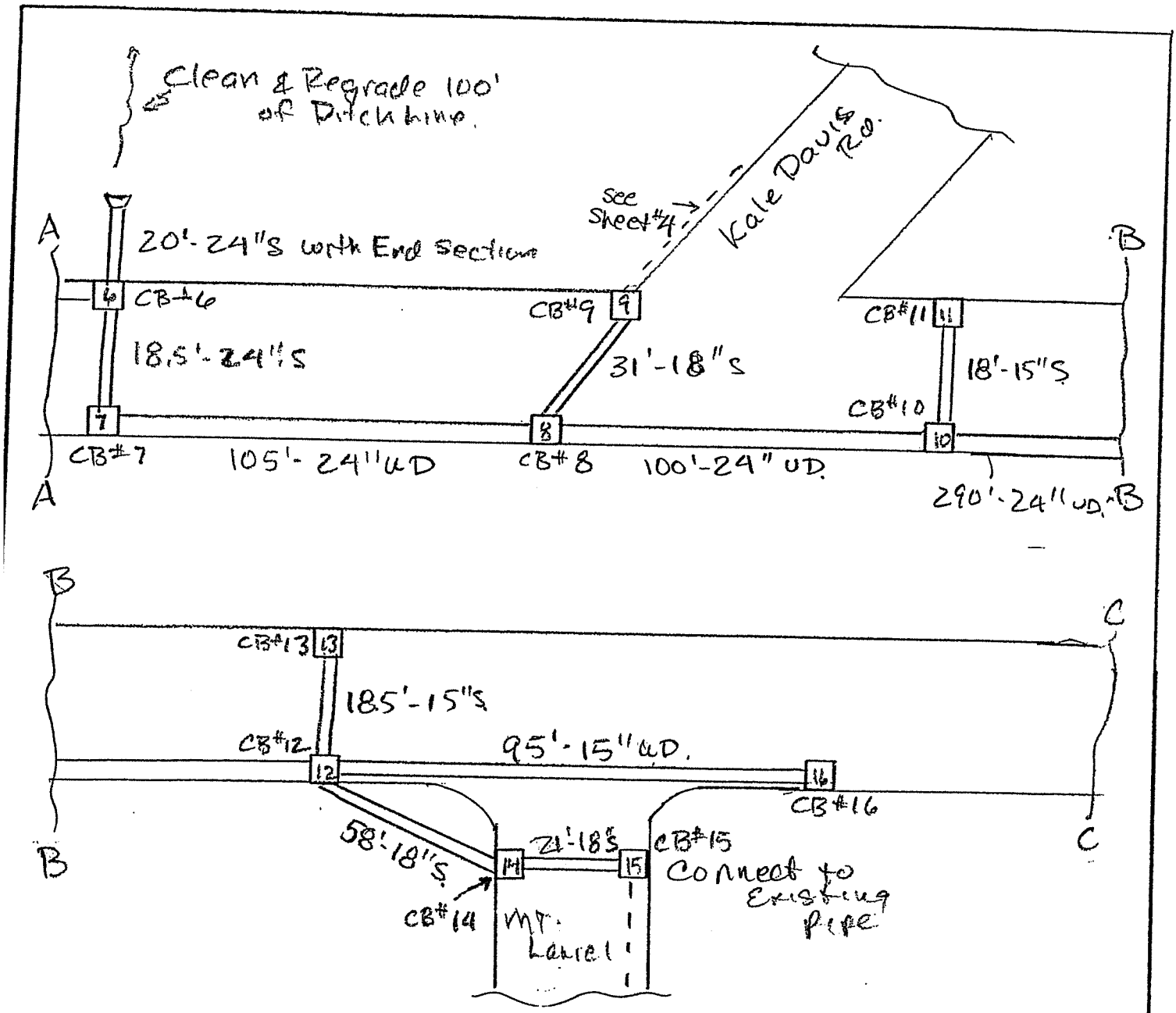


* For CB Type & Depth See Sheet 4/5

ENGINEERING DEPARTMENT
4 Turkey Hill Road
Newtown, Connecticut 06470
Tel. (203) 270-4300
Fax (203) 426-9968

TOWN OF NEWTOWN

JOB Osborne Hill Rd
SHEET No. 2 of 5
CALCULATED BY RCB
DATE 1/5/2020
CHECKED BY
DATE
SCALE

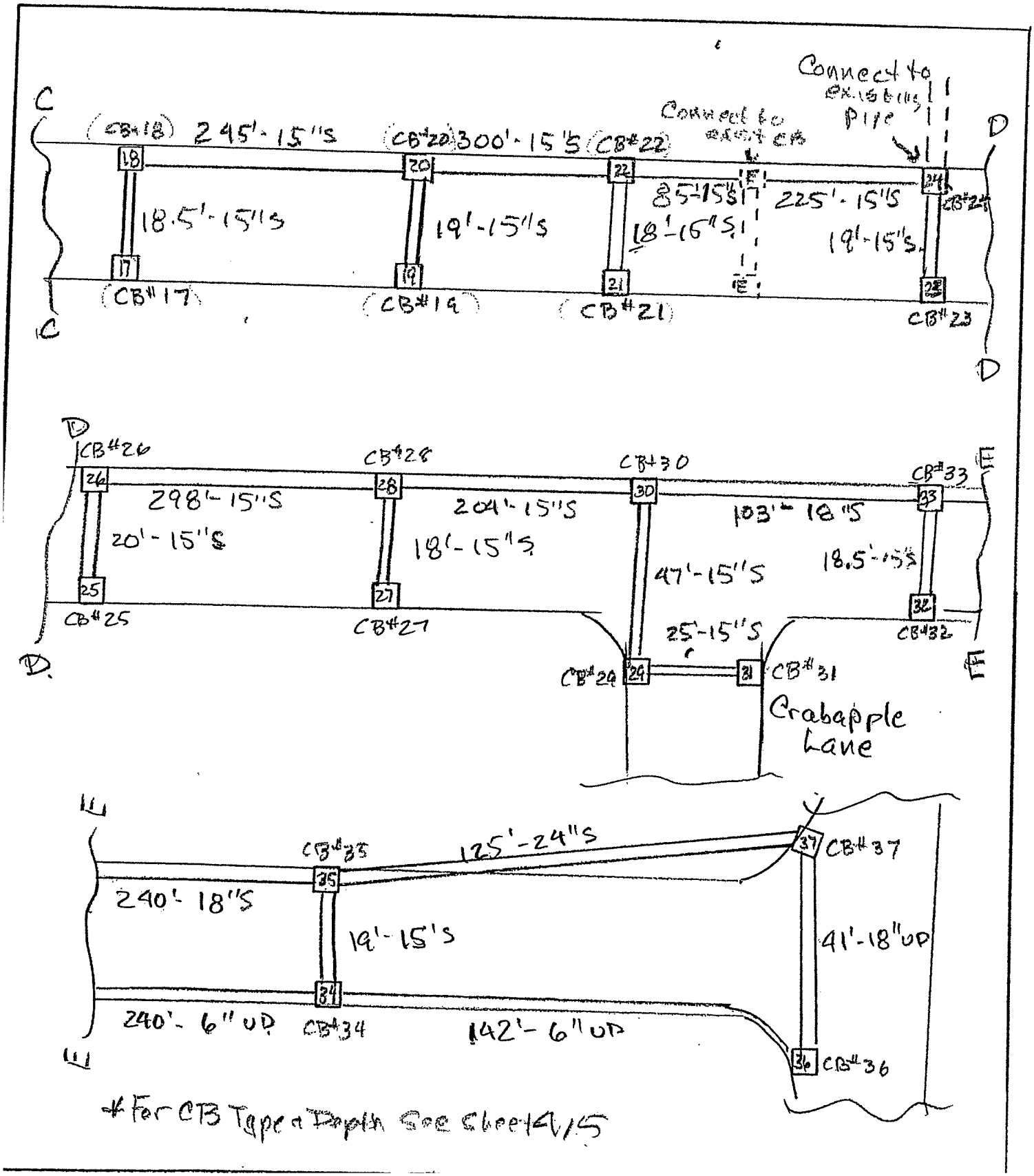


* For CB Types & Depth See Sheet 4/5

ENGINEERING DEPARTMENT
4 Turkey Hill Road
Newtown, Connecticut 06470
Tel. (203) 270-4300
Fax (203) 426-9968

TOWN OF NEWTOWN

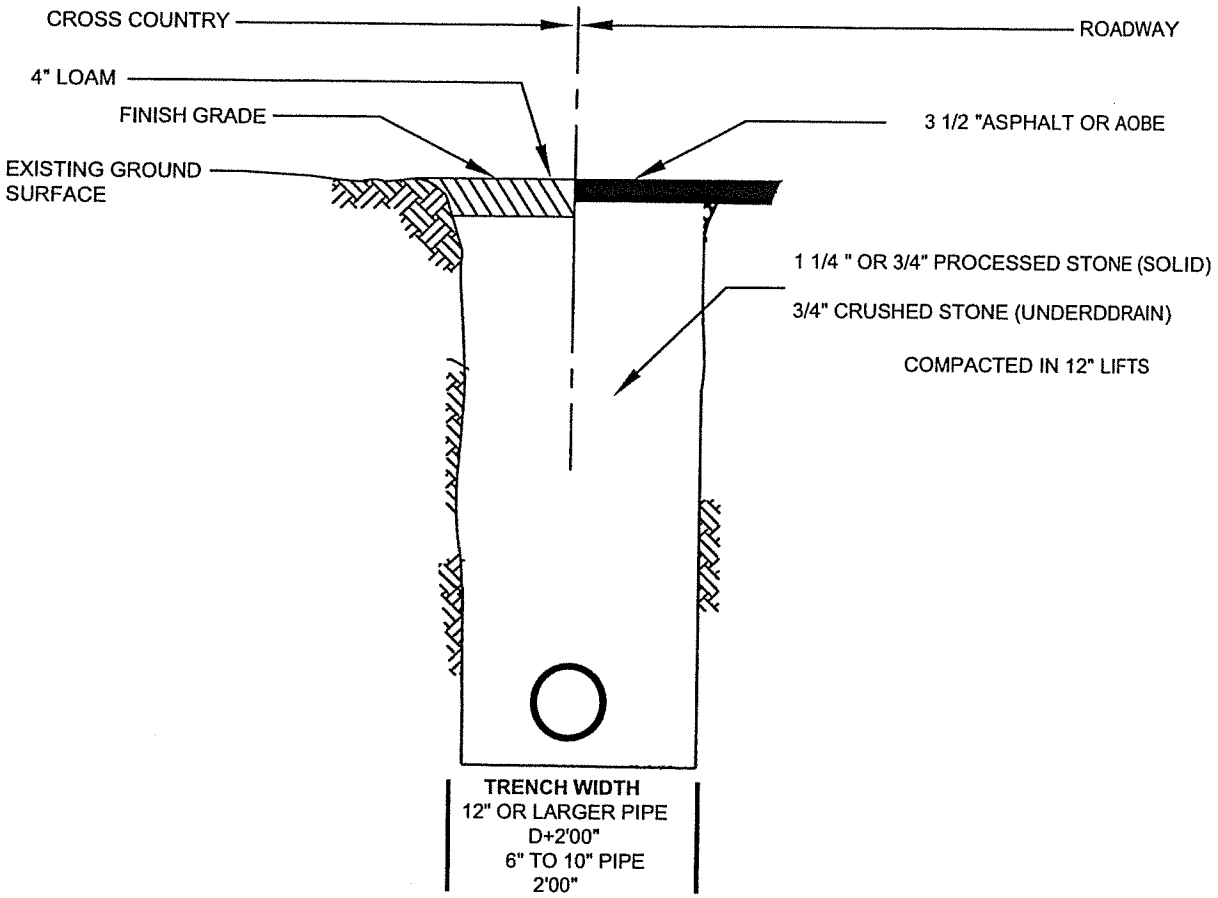
JOB Osborne Hill
SHEET No. 3 of 5
CALCULATED BY KGB
DATE 1/3/2020
CHECKED BY
DATE
SCALE



* For CB Type & Depth See Sheet 4/5

OSBORNE HILL ROAD

Catch Basin #	Catch Basin to be Installed	Approximate Depth of Existing CB
1	3'CB 0-6ft	4.0
2	3' CB 0-6ft	5.5'
3	3' CB 0-6ft	4.75'
4	3' CB 0-6ft	5.0'
5	3' CB 0-6ft	4.0'
6	4'CB 6-12ft	7.0'
7	4'CB 6-12ft	6.0'
8	4'CB 0-6ft	5.5'
9	4'CB 0-6ft	5.5'
10	4'CB 0-6ft	5.5'
11	3'CB 0-6ft	5.0'
12	4'CB 6-12ft	6.75'
13	3'CB 0-6ft	4.75'
14	4'CB 6-12ft	8.5'
15	3'CB 6-12ft	7.75'
16	3'CB 0-6ft	4.5'
17	3'CB 0-6ft	4.0
18	3'CB 0-6ft	5.0'
19	3'CB 0-6ft	4.0'
20	3'CB 0-6ft	5.0'
21	3'CB 0-6ft	4.75'
22	3'CB 0-6ft	5.35'
23	3'CB 0-6ft	5.0'
24	4'CB 0-6ft	6.0'
25	3'CB 0-6ft	4.75'
26	3'CB 0-6ft	4.75'
27	3'CB 0-6ft	4.75'
28	3'CB 0-6ft	4.75'
29	3'CB 0-6ft	5.5'
30	3'CB 6-12ft	6.25'
31	3'CB 0-6ft	4.75'
32	3'CB 0-6ft	4.75'
33	3'CB 0-6ft	4.75'
34	3'CB 0-6ft	4.75'
35	4'CB 0-6ft	4.75'
36	3'CB 0-6ft	4.75'
37	4'CB 0-6ft	4.75'



NOTE: 42" MINIMUM COVER FROM BOTTOM OF PIPE OR AOBE

NOTES:

1. SAWCUTS TO EXTEND THROUGH EXISTING ASPHALT 12" OFFSET EITHER SIDE OF DESIGNED TRENCH WIDTH
2. IN UNPAVED LAWN AREAS, PLACE 4" MINIMUM OF TOPSOIL, RAKE, SEED & MULCH. A LAYER OF FILTER FABRIC IS TO BE PLACED BETWEEN STONE & TOP SOIL.
3. FOR UNDERDRAIN TRENCHES, LINE TRENCH WITH FILTER FABRIC BEFORE PLACEMENT OF CRUSHED STONE WITH ENOUGH FABRIC TO ALLOW FOR 6" OF OVERLAP 12" BELOW FINISHED GRADE

NOT TO SCALE

TOWN OF NEWTOWN DEPARTMENT OF PUBLIC WORKS	TYPICAL TRENCH DETAIL	DATE: FEBRUARY 2021 REV: 1	

BASIS of PAYMENT

PIPE INSTALLATION

PIPE INSTALLATION.....Linear Foot

The price bid for this item shall include the following:

1) Clearing and grubbing of all affected areas.

2) Cutting of pavement by method acceptable to the Town. All pavement cutting **must** be completed prior to excavating for the installation of the pipe.

3) Trench excavation to the limits as shown on the typical sections. All existing pipe and catch basins located within the limits of the trench excavation will be removed and disposed of. The cost for this removal is to be covered under this item.

4) Pipe shall be laid at proper elevation, line and grade.

5) Trench backfill with either broken stone or select backfill as indicated on the typical sections. All pipe backfill **must** be thoroughly compacted. All compaction equipment **must** be approved by the Town.

6) Preparation of subgrade and processed base course in areas to receive pavement.

7) Final restoration of unpaved areas. Restoration may include installation of filter fabric, and placement of topsoil, seed and mulch.

BASIS of PAYMENT

PRECAST CATCH BASINS WITH TOPS

PRECAST CATCH BASIN WITH TOPS.....Each

The price bid for this item shall include the following:

1) Clearing and grubbing of all affected areas.

2) Cutting of pavement by method acceptable to the town. All pavement cutting **must** be completed prior to excavating for the installation of the catchbasin.

3) All excavation and backfill of the unit. All backfill material **must** be thoroughly compacted. All compaction equipment **must** be approved by the Town. All existing catchbasins located within the excavation limits will be removed and disposed of. The cost for this removal is to be covered under this item.

4) Adjustments for proper grade and alignment.

5) All mortar and concrete block or brick necessary to obtain proper grade and alignment.

6) All finished mortaring for pipes and tops. All pipes shall be mortared on the outside as well as the inside of the catch basin.

7) All restoration of disturbed areas.

BASIS of PAYMENT

CLEAN DITCH LINE

CLEAN DITCH LINE.....Linear Foot

The price bid for this item shall include the following:

1) Clearing and grubbing of all affected areas.

2) Excavation of ditch line to the limits shown on the plans.

3) All sediment and erosion controls as necessary to complete the work.

4) Restoration of all disturbed areas associated with the work.

BASIS of PAYMENT

ROCK IN TRENCH EXCAVATION

ROCK IN TRENCH EXCAVATION.....Cubic Yard

The price bid for this item shall include the following:

1) Clearing and grubbing of all affected areas.

2) Removal of rock in trench to limits as shown in the typical sections for trench excavation.

3) Removal of rock from site.

4) It is the Contractor's responsibility to provide all means of breaking rock. The contractor is responsible for obtaining all necessary permits if blasting is done.

Before any rock is to be removed, an agent of the Town of Newtown will field verify volume of rock to be removed.

BASIS of PAYMENT

PIPE END SECTIONS

PIPE END SECTIONS.....Each

The price bid for this item shall include the following:

1) Clearing and grubbing of all affected areas.

2) All excavation for placement of end section

3) Backfill with suitable material as specified in the typical sections. All backfill material **must** be thoroughly compacted. All compaction equipment **must** be approved by the Town.

4) Restoration of all disturbed areas.

BASIS of PAYMENT

ASPHALT CONCRETE PAVEMENT

ASPHALT CONCRETE PAVEMENT.....Ton

The price bid for this item shall include the following:

1) All final preparation of base material.

2) Adjustments of catch basin tops for line and grade.

3) All tack coat for cut edges, joints and around basins.

4) Placement of asphalt concrete to the thickness as shown on the typical sections.

5) All restoration of disturbed areas.

BASIS of PAYMENT

ASPHALT CONCRETE CURB

ASPHALT CONCRETE CURB.....Linear Feet

The price bid for this item shall include the following:

1) All layout and surface preparation of the asphalt pavement which is to receive the asphalt concrete curb. Surface preparation is to include a thorough cleaning of the asphalt surface and the application of tack coat. No curbing is to be placed on wet pavement or pavement where the surface temperature is below 40 degrees Fahrenheit.

2) Provide all labor and tack material necessary for the placement/construction of the asphalt concrete curb.

3) Restoration of all areas disturbed by this operation.

BASIS of PAYMENT

MAINTENANCE and PROTECTION of TRAFFIC

MAINTENANCE and PROTECTION of TRAFFIC.....Lump Sum

The price bid for this item shall include the following:

1) All signs, cones, delineators , barricades, traffic control devices, etc., necessary to maintain the safe, orderly flow of traffic.

2) All safety pavement markings as necessary.

3) Designated Traffic Person(s), (Uniformed Flagger(s)) and equipment for traffic control. Uniformed Flaggers shall be persons who have successfully completed flagger training by the ATSSA, National Safety Council or other programs approved by the Town. A copy of the Flagger's training certificate shall be provided to the Town before the Flagger performs any work on the project. Services of Uniformed Flaggers shall include the following: high visibility safety garments (including high visibility headgear) that complies with OSHA, MUTCD and ASTM Standards so as to be readily distinguishable as in accordance with Standard 6E-2 of the MUTCD and a STOP/SLOW paddle that is at least 18 inches in width with letters at least 6 inches high, mounted on a handle of sufficient length so that the bottom of the sign will be 6 feet above the ground and conforms to Standard 6E-3 of the MUTCD and catalog number 387-80-9950 of the Catalog of Signs CDOT.

All traffic control devices are to be in place prior to commencing any work.