

Town of Trumbull, Connecticut

REQUEST FOR PROPOSAL, CONDITIONS, SPECIFICATIONS, SPECIAL PROVISIONS AND DRAWINGS

STONEHOUSE ROAD PAVEMENT REHABILITATION Trumbull, Connecticut

RFQ #5906 DUE: August 10, 2011 at 3:00PM

ADDENDUM # 1

Bidders are hereby informed that the Bidding Documents for the above mentioned Project are modified, corrected, and/or supplemented as follows. Addendum No. 1 becomes part of the Bidding Documents and Contract Documents.

Acknowledge receipt of this addendum by inserting its number in the Bid Proposal form. Failure to acknowledge receipt of the Addendum may subject the Bidder to disqualification.

Project Manual Changes

Item 1-1 Bid Proposal Form

Add the Pay Item "0406999A - Asphalt Adjustment Cost, Per Est., \$10,000"

Add the Pay Item "0922501 – Bituminous Concrete Driveway, Per SY, Quantity = 750 SY"

Item 1-2 Table of Contents

Add the Item of Work "0922501 – Bituminous Concrete Driveway" to the section "Technical Specifications – List of Items of Work directly referenced in the Connecticut DOT Form 816, Supplements and Amendments Thereto."

Drawing Changes

Item 1-3 Drawing C1.0, Detailed Estimate Plan, Notes and Details

Add pay items "0406999A – Asphalt Adjustment Cost, Per Est." and "0922501 – Bituminous Concrete Driveway, Per SY, Quantity = 750 SY.

Bidding Period Questions & Responses

The following responses/clarifications are based on questions raised to date during the bidding period. Questions from bidders are shown in italics, responses are shown in **bold** text.

1. *Upon review of the Contract documents we find no specifications for the following items which should be included: 0202001 – Earth Excavation; 0209000 – Formation of Subgrade*

Per the list of Pay Items in the Table of Contents, these two items are both “Items of Work directly referenced in the Connecticut DOT Form 816, Supplements and Amendments Thereto.”

2. *We also find the specifications included an item: 0406999A – Asphalt Adjustment Cost of which the proposal has no provision for payment.*

See the revised Bid Proposal Form included with this Addendum.

3. *Can As-builts of the Sanitary Sewer System be made available to the Contractor for use in determining existing Rim, Invert, Chimney Top, Service Lateral and Structure Elevations, possible conflicts with Water and Gas Services, Rock Excavation to be encountered and Groundwater to be encountered?*

As-built plans are available to be viewed and/or copied in the office of the Trumbull Town Engineer.

4. *In the areas of the proposed repairs, can Flow Rates of the Sewer be made available to the Contractor for use in determining the size of the Bypass System needed?*

Sewer system flow rates are not available.

5. *Specifications allow 60 Days for Project Completion. Given the Scope of Work of the Contract including the Maintenance and Protections of Traffic and Material Submittal Approvals required prior to beginning construction, 60 Days appears to be overly aggressive. Can additional days be added to the Project duration?*

Additional days cannot be added to the Project duration. Bidders are to include all costs required to complete the work in the duration noted in the Bidding Documents in their bid.

6. *Given the depth of the Sewer Repair work and the conditions to be encountered during this work, will Road Closures with Detours be allowed while performing this work?*

Road closures and/or detours are not permitted as Stonehouse Rd. is a collector road and there are no viable detours. The Contractor is to maintain at least one lane of alternating traffic at all times as stated in the Maintenance and Protection of Traffic Specification.

7. *Plans indicate to Saw Cut Driveways at the Gutter Line, the edge of the Reclaimed Pavement. This technique does not provide a proper seal between the Driveway and the New Road Pavement, which will allow surface water to penetrate the asphalt resulting in break back over time. Should reconstruction of the Driveway Aprons be added to the Scope of Work of this Project?*

Existing driveways are to be saw cut 3' up the driveway from the gutter line and reconstructed rather than saw cut at the gutter line as shown in the Bid Documents. See the revised Bid Proposal Form for this new Pay Item and see the attached detail “Bituminous Concrete Driveway Ramp.”

8. *Chimney Replacement at Sta. 51+00 +/- appears to be within the existing water main trench. Will the water main be relocated by others if necessary and if relocated who will bear the expense of that relocation?*

The Contractor is to protect and support all existing utilities during the construction of sanitary and storm drainage work. Relocation of the water main is not anticipated to be necessary to complete this work. If the Contractor deems it necessary to relocate the water main, the relocation (including all expenses) will be the responsibility of the Contractor.

BID PROPOSAL - Stonehouse Road (Addendum #1)				
Item Number	Item Name and Unit Bid Prices Written in Words and Figures	Units	Estimated Quantity	Total Amount of Item (in figures)
0202001	Earth Excavation, per CY, the price of: _____) (\$ _____)	CY	2,600	\$ _____
0202529	Cut Bituminous Concrete Pavement, per LF the price of: _____) (\$ _____)	LF	2,800	\$ _____
0209000	Formation of Subgrade, per SY, the price of: _____) (\$ _____)	SY	23,900	\$ _____
0403869A	Cold Reclaimed Asphalt Pavement, per SY, the price of: _____) (\$ _____)	SY	23,900	\$ _____
0403871A	Handling Cold Reclaimed Asphalt Pavement, per SY, the price of: _____) (\$ _____)	SY	23,900	\$ _____
0406236	Material for Tack Coat, per Gal, the price of: _____) (\$ _____)	Gal	2,390	\$ _____
0406442	HMA S0.375 Inch, per Ton, the price of: _____) (\$ _____)	Ton	5,460	\$ _____
0406999A	Asphalt Adjustment Cost, per Est., the price of: Ten Thousand and 00/100 _____) (\$10,000.00 _____)	Est.	1	\$10,000.00 _____

0507001A	Type "C" Catch Basin, per Each, the price of: _____ (\$ _____)	Each	10	\$ _____
0507656A	48" Storm Manhole, per Each, the price of: _____ (\$ _____)	Each	3	\$ _____
0507701	Reset Catch Basin, per Each, the price of: _____ (\$ _____)	Each	23	\$ _____
0507781	Reset Manhole, per Each, the price of: _____ (\$ _____)	Each	45	\$ _____
0601001	Class "A" Concrete, per CY, the price of: _____ (\$ _____)	CY	6	\$ _____
0601088A	Concrete Form Liner, per SF, the price of: _____ (\$ _____)	SF	90	\$ _____
0651017A	30" RCP, per LF, the price of: _____ (\$ _____)	LF	45	\$ _____
0651287A	12" HDPE, per LF, the price of: _____ (\$ _____)	LF	380	\$ _____

0651288A	15" HDPE, per LF, the price of: _____) (\$)	LF	910	\$ _____
0653001	Clean Existing Catch Basin, per EACH, the price of: _____) (\$)	Each	23	\$ _____
0653100	Clean Existing Culvert – 12" – 42" Diameter, per LF, the price of: _____) (\$)	LF	1,000	\$ _____
0811002A	Extruded Concrete Curb, per LF, the price of: _____) (\$)	LF	820	\$ _____
0815001	Bituminous Concrete Lip Curb, per LF, the price of: _____) (\$)	LF	13,210	\$ _____
0922501	Bituminous Concrete Driveway, per SY, the price of: _____) (\$)	SY	750	\$ _____
0939001	Sweeping for Dust Control, per Hour, the price of: _____) (\$)	Hour	40	\$ _____
0942001	Calcium Chloride for Dust Control, per Ton, the price of: _____) (\$)	Ton	12	\$ _____

0943001	Water for Dust Control, per M. Gal, the price of: _____) (\$ _____)	M. Gal	1,650	\$ _____
0944002	Furnishing and Placing of Topsoil, per SY, the price of: _____) (\$ _____)	SY	4,710	\$ _____
0950015	Turf Establishment, per SY, the price of: _____) (\$ _____)	SY	4,710	\$ _____
0970006	Traffic Person (Municipal Police Officer), per Est., the price of: <u>Fifty Thousand and 00/100</u> _____) (\$ 50,000.00 _____)	Est.	Est.	\$ <u>50,000.00</u> _____
0971001A	Maintenance & Protection of Traffic, per LS, the price of: _____) (\$ _____)	LS	1	\$ _____
0974001	Removal of Existing Masonry, per CY, the price of: _____) (\$ _____)	CY	6	\$ _____
0975002	Mobilization, per LS, the price of: _____) (\$ _____)	LS	1	\$ _____
0980001A	Construction Staking, per LS, the price of: _____) (\$ _____)	LS	1	\$ _____

1111451A	Loop Detector Saw Cut, per LF, the price of: _____) (\$)	LF	250	\$ _____
1210101	4" White Epoxy Resin Pavement Marking, per LF, the price of: _____) (\$)	LF	14,000	\$ _____
1210102	4" Yellow Epoxy Resin Pavement Marking, per LF, the price of: _____) (\$)	LF	14,000	\$ _____
1210105	Epoxy Resin Pavement Markings, Symbols and Legends, per SF, the price of: _____) (\$)	SF	2,500	\$ _____
1302051A	Reset Valve Boxes, per Each, the price of: _____) (\$)	Each	20	\$ _____
1401012A	Sanitary Inside Drop, per Each, the price of: _____) (\$)	Each	1	\$ _____
1402141A	Sanitary Chimney Replacement, per Each, the price of: _____) (\$)	Each	9	\$ _____
1403002A	Sanitary Manhole Replacement, per Each, the price of: _____) (\$)	Each	3	\$ _____

1403499A	Sanitary Point Repair, per Each, the price of: _____) (\$ _____)	Each	2	\$ _____
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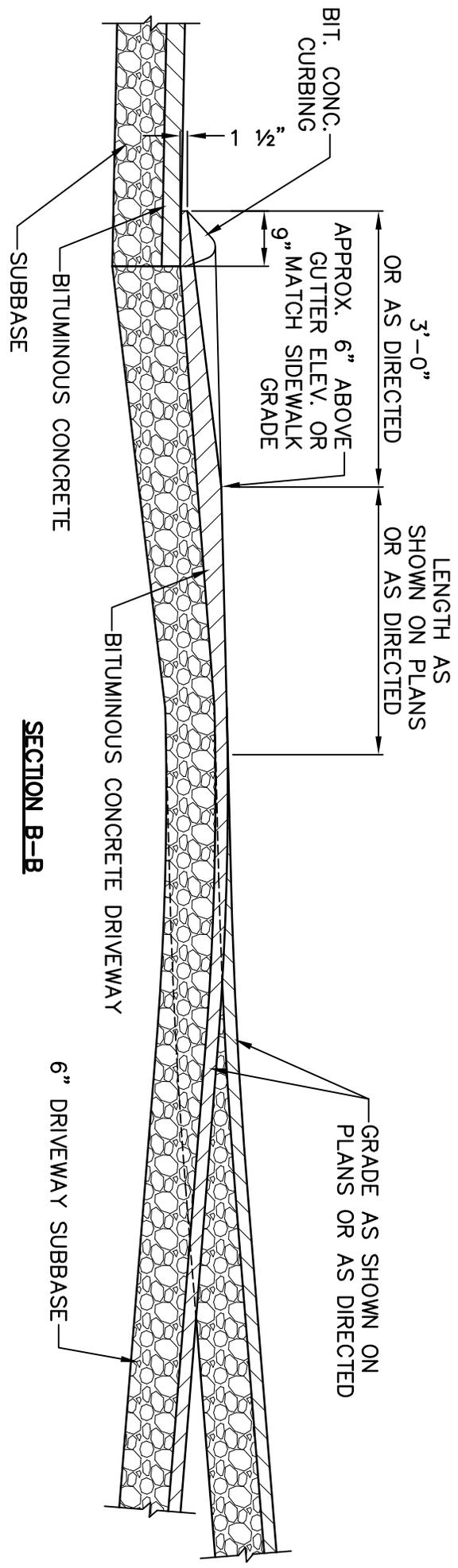
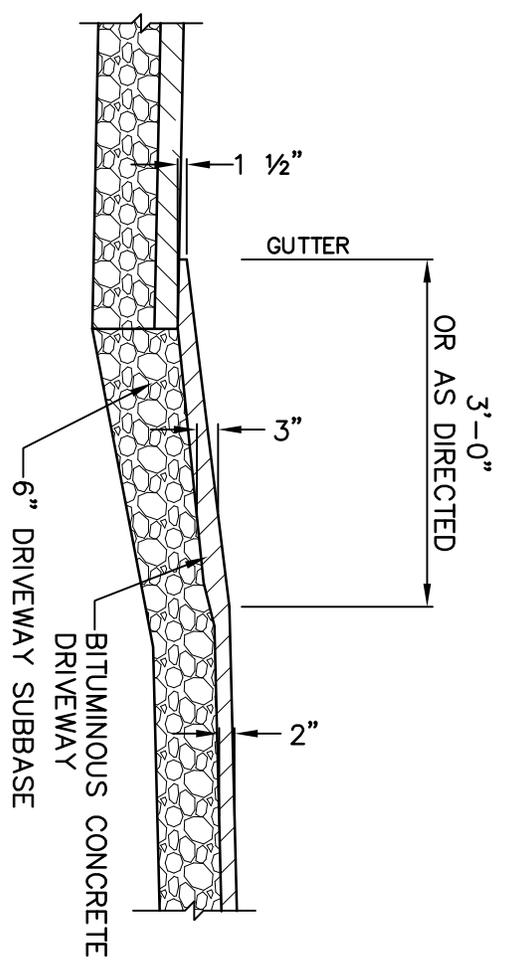
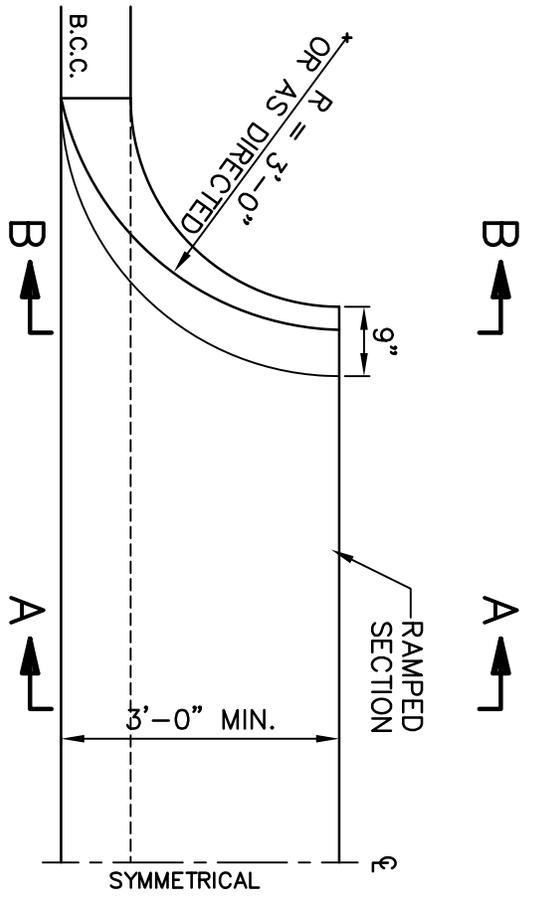
TOTAL AMOUNT OF BASE BID

_____ dollars
Written amount in words
 (\$ _____) (figures)

Note any and all exceptions or clarifications on attached pages as necessary

_____ Company Name	_____ By (Signature)
_____ Address	_____ Print Name
_____ Address	_____ Title
_____ Date	_____ Telephone/Fax
_____ email	_____ 24 Hour Telephone

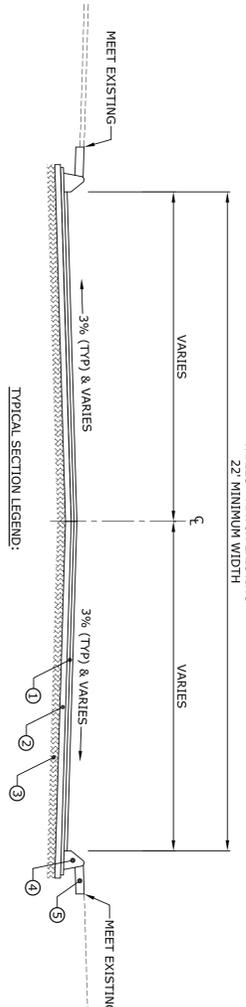
END OF ADDENDUM NO. 1



BITUMINOUS CONCRETE DRIVEWAY RAMP

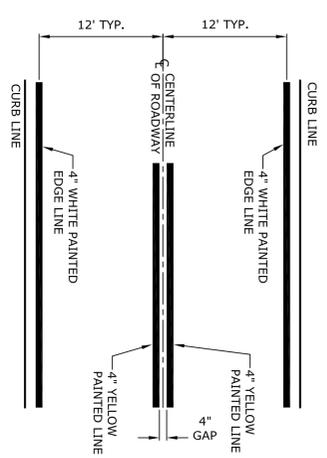
NO SCALE

ITEM NUMBER	UNIT	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
0202001	C.Y.	EARTH EXCAVATION	2,600		
0202529	L.F.	CUT BITUMINOUS CONCRETE PAVEMENT	2,800		
0209000	S.Y.	FORMATION OF SUBGRADE	23,900		
0403869A	S.Y.	COLD RECLAIMED ASPHALT PAVEMENT	23,900		
0403871A	S.Y.	HANDLING COLD RECLAIMED ASPHALT PAVEMENT	23,900		
0406236	GAL.	MATERIAL FOR TACK COAT	2,390		
0406442	TON	HMA SO.375	5,460		
0406999A	EST.	ASPHALT ADJUSTMENT COST			
0507001A	EA.	TYPE "C" CATCH BASIN	10		
0507656A	EA.	48" STORM MANHOLE	3		
0507701	EA.	RESET CATCH BASIN	23		
0507781	EA.	RESET MANHOLE	45		
0601001	CY	CLASS "A" CONCRETE	6		
0601086A	S.F.	CONCRETE FORM LINER	90		
0651017A	L.F.	30" R.C.P. STORM	45		
0651287A	L.F.	12" H.D.P.E. STORM	380		
0651288A	L.F.	15" H.D.P.E. STORM	910		
0653001	EACH	CLEAN EXISTING CATCH BASIN	23		
0653100	L.F.	CLEAN EXISTING CULVERT - 12" - 42" DIAM.	1,000		
0811002A	L.F.	EXTRUDED CONCRETE CURB	820		
0815001	L.F.	BITUMINOUS CONCRETE LIP CURB	13,210		
0922501	S.Y.	BITUMINOUS CONCRETE DRIVEWAY	750		
0939001	HR.	SWEEPING FOR DUST CONTROL	40		
0942001	TON	CALCIUM CHLORIDE FOR DUST CONTROL	12		
0943001	M.GAL.	WATER FOR DUST CONTROL	1,650		
0944002	S.Y.	FURNISHING AND PLACING TOPSOIL	4,710		
0950015	S.Y.	TURF ESTABLISHMENT	4,710		
0970006A	EST.	TRAFFIC PERSON (MUNICIPAL POLICE OFFICER)			
0971001A	L.S.	MAINTENANCE AND PROTECTION OF TRAFFIC			
0974001	C.Y.	REMOVAL OF EXISTING MASONRY	6		
0975002	L.S.	MOBILIZATION			
0980001A	L.S.	CONSTRUCTION STAKING			
1111451A	L.F.	LOOP DETECTOR SAW CUT	250		
1210101	L.F.	4" WHITE EPOXY RESIN PAVEMENT MARKINGS	14,000		
1210102	L.F.	4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	14,000		
1210105	S.F.	EPOXY RESIN LEGEND, ARROWS & MARKINGS	2,500		
1302051A	EACH	RESET VALVE BOXES	20		
1401012A	EACH	SANITARY INSIDE DROP	1		
1401012A	EACH	SANITARY CHIMNEY REPLACEMENT	9		
1402141A	EACH	SANITARY MANHOLE REPLACEMENT	3		
1403002A	EACH	SANITARY POINT REPAIR	2		



- TYPICAL SECTION LEGEND:**
- 4" BITUMINOUS CONCRETE HMA SO.375 (2 LIFTS)
 - 8" RECLAIMED BASE
 - FORMATION OF SUBGRADE
 - 6" BITUMINOUS CONCRETE LIP CURB
 - 4" TOPSOIL / TURF ESTABLISHMENT

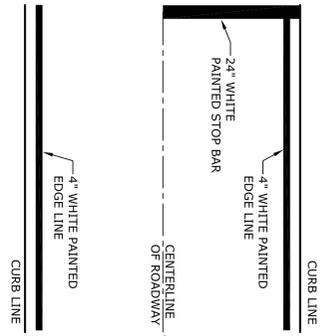
FULL DEPTH RECLAMATION TYPICAL SECTION
NO SCALE



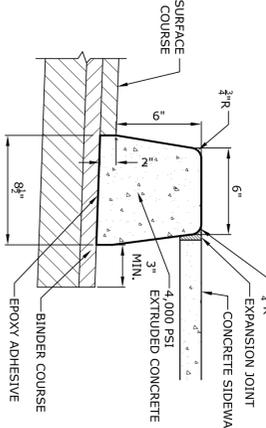
4" YELLOW CENTERLINE

- NOTES:**
- INSTALL WHITE EDGE LINES WHERE ROADWAY WIDTH IS 24' OR GREATER. DISCONTINUE WHITE EDGE LINES WHERE ROADWAY WIDTH IS LESS THAN 24'.
 - STOP BARS TO BE 24" MIN. UNLESS OTHERWISE NOTED ON PLANS.
 - STOP BARS TO BE MARKED A MINIMUM OF 4' IN ADVANCE OF NEAREST EDGE OF CROSSWALK.
 - IN ABSENCE OF MARKED CROSSWALK THE STOP BAR SHALL BE PLACED AT THE DESIRED STOPPING POINT. IN NO CASE MORE THAN 30' OR LESS THAN 5' FROM THE NEAREST EDGE OF THE INTERSECTING ROADWAY AND 90° TO THE CENTERLINE OF ROADWAY.
 - THE STOP BAR SHALL ORDINARILY BE PLACED IN LINE WITH THE STOP SIGN. HOWEVER, IF THE STOP SIGN CANNOT BE LOCATED EXACTLY WHERE VEHICLES ARE EXPECTED TO STOP, THE STOP BAR SHOULD BE PLACED AT THE STOPPING POINT.

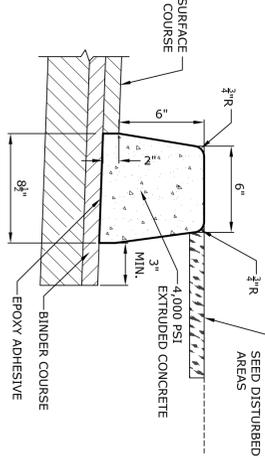
PAVEMENT MARKING DETAILS
NO SCALE



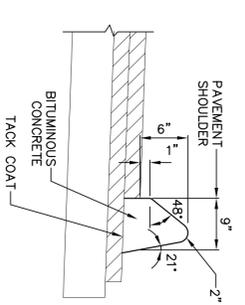
24" WHITE STOP BAR



EXTRUDED CONCRETE CURBING ADJACENT TO SIDEWALK
NO SCALE



EMBEDDED EXTRUDED CONCRETE CURBING ADJACENT TO GRASS
NO SCALE



BITUMINOUS CONCRETE LIP CURBING
NO SCALE

CONSTRUCTION NOTES:

- CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE TOWN OF TRUMBULL STANDARDS & CONDOOT FORM 816.
- THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE AND PROTECTION OF TRAFFIC. THE CONTRACTOR SHALL PROVIDE A PLAN SHOWING PROPOSED MAINTENANCE AND PROTECTION OF TRAFFIC TO THE TOWN OF TRUMBULL AND THE ENGINEER FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION.
- ALL UNDERGROUND UTILITIES SHOULD BE CONSIDERED APPROXIMATE LOCATIONS. CONTRACTOR SHALL "CALL BEFORE YOU DIG" PRIOR TO ANY EXCAVATION.
- RESET EXISTING SIGNS DISTURBED BY CONSTRUCTION.
- PROVIDE EPOXY RESIN PAVEMENT MARKINGS IN ACCORDANCE WITH THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION FORM 816 SECTION 12.10, AS REVISED.
- PROVIDE BITUMINOUS CONCRETE IN COMPLIANCE WITH THE STATE OF CONNECTICUT SPECIFICATIONS FOR HOT MIX ASPHALT SUPERPAVE MIX DESIGN.
- PAVEMENT MARKINGS TO CONFORM WITH "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
- ANY DAMAGE TO EXISTING CURB, SIDEWALK OR ANY OTHER HIGHWAY APPURTENANCES SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE TOWN OF TRUMBULL.
- ALL MANHOLES, CATCH BASINS AND VALVE BOXES ARE TO BE ADJUSTED TO FINISH GRADES.
- PROVIDE A CONSTRUCTION SCHEDULE, PRIOR TO THE BEGINNING OF WORK, TO THE TOWN OF TRUMBULL ENGINEERING DEPARTMENT AND INSPECTOR. PROVIDE UPDATED SCHEDULE ON A BI-WEEKLY BASIS THROUGHOUT CONSTRUCTION.
- IT IS THE RESPONSIBILITY OF EACH BIDDER IN EVALUATING THESE PLANS TO MAKE EXAMINATIONS IN THE FIELD BY VARIOUS METHODS AND OBTAIN NECESSARY INFORMATION FROM AVAILABLE RECORDS, UTILITY COMPANIES, AND INDIVIDUALS AS TO THE LOCATION OF ALL SUBSURFACE STRUCTURES. REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO SUBMITTING A BID. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER IMMEDIATELY PRIOR TO THE BID OPENING. FAILURE BY THE CONTRACTOR TO NOTIFY THE TOWN ENGINEER SHALL CONSTITUTE ACCEPTANCE OF THE CONTRACTOR'S RESPONSIBILITY FOR THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.
- INFORMATION ON EXISTING CONDITIONS WAS TAKEN FROM GIS INFORMATION PROVIDED BY THE TOWN OF TRUMBULL ENGINEERING DEPARTMENT. THE INFORMATION ON EXISTING UTILITIES HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY COMPANY AND RECORD MAPS AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE. THE CONTRACTOR AND/OR RESPONSIBLE PARTY IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES INCLUDING SERVICES. PRIOR TO ANY CONSTRUCTION, CALL "CALL BEFORE YOU DIG" AT 1-800-922-4455 AND VERIFY ALL UNDERGROUND AND OVERHEAD UTILITY LOCATIONS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL ELEVATIONS, PROPERTY LINES, LOCATIONS OF UTILITIES AND SITE CONDITIONS IN THE FIELD. IF ANY DISCREPANCY OR INTERFERENCE EXISTS BETWEEN ANY EXISTING AND A PROPOSED STRUCTURE, THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER SO THAT THE APPROPRIATE REVISIONS CAN BE MADE.

GENERAL NOTES:

- PROVIDE FULL DEPTH RECLAMATION (12" MIN DEPTH) OF STONEHOUSE RD. FROM BACK OF CURB TO BACK OF CURB WITHIN THE LIMITS SHOWN ON THE PLAN. CONTRACTOR SHALL PAVE STONEHOUSE RD. WITH (2) - 2" LIFTS HOT MIX ASPHALT "HMA SO.375 - LEVEL 2" (SUPERPAVE MIX DESIGN) IN AREAS OF FULL DEPTH RECLAMATION.
- PROVIDE TRAFFIC CONTROL PATTERN AND DEVICES IN ACCORDANCE WITH CONDOT TEMPORARY TRAFFIC CONTROL PLANS.
- EXISTING SIGNS AND EXISTING SIGN LEGEND SHOWS FOR INFORMATION ONLY. NO SIGNS INSTALLATION ARE REQUIRED.
- TYPE "X" CATCH BASIN GRATES SHALL BE USED AT ALL PROPOSED CATCH BASINS.

Tighe & Bond
www.tighebond.com
1000 Bridgeport Avenue
Suite 320
Shelton, CT 06484
(203) 712-1100

BID DOCUMENTS

Stonehouse Road

Pavement Rehabilitation Project

Trumbull, Connecticut

July 1, 2011

MARK	DATE	DESCRIPTION
PROJECT NO.		10195
DRAWN BY:	AM	
CHECKED:	AM	
APPROVED:	JMB	

DETAILED ESTIMATE PLAN, NOTES, & DETAILS
SCALE: AS NOTED
C1.0