



**TOWN OF STRATFORD  
BID #2016-004**

**ADDENDUM #1  
Issued 2/16/16**

**REHAB OF CANAAN RD & LIGHT ST BRIDGES**

**Michael Bonnar, Purchasing Agent**

REHABILITATION OF CANAAN ROAD AND LIGHT STREET BRIDGES  
STRATFORD, CONNECTICUT  
February 15, 2016

TO ALL BIDDERS:

All instructions contained in this addendum shall be reflected in the Bid and will be made part of the Contract Documents when the Contract is awarded. Sealed Bids are still due to be received by 3:00 PM on Wednesday, February 24, 2016 at Office of the Town Purchasing Department, Stratford Town Hall.

Addenda will be issued only to those contractors who have purchased the Contract Documents as referenced in the Invitation to Bid. It is the responsibility of contractors bidding the project to distribute copies of this addendum to all subcontractors, suppliers and other entities providing quotations.

The following items form this addendum:

1. Responses to questions posed received regarding the project at and since the pre-bid meeting.  
(4 pages)
2. Agenda for mandatory pre-bid meeting held on February 10, 2016  
(1 page)
3. Sign in sheet for mandatory pre-bid meeting held on February 10, 2016  
(3 pages)
4. Sheets missing from plan set originally distributed by Digiprint (sheets 10 & 13)  
(2 pages)
5. Plans showing original construction details for Canaan Road and Light Street bridges  
(2 pages)

Responses to questions posed at the Pre-Bid Meeting:

Question-

Are multiple bonds required due to the two different projects?

Response-

*Two bid bonds are required if a contractor is choosing to bid on both projects. If one contractor is awarded both projects, the Town may permit a single bond to cover both projects.*

Question-

Are contractors required to bid both projects?

Response-

*No, contractors can choose to bid one or both projects.*

Question-

Are there details on how the existing bridge decks are connected to the existing abutments?

Response-

*See attached plans for existing construction details.*

Question-

Please explain what the specs refer to when it says that the contractor is to protect the stream bed.

Response-

*The stream bed is concrete below the bridge decks. The contractor is required to protect the existing features to remain from damage during the demolition and construction process. The contractor is also required to protect the stream from contamination and siltation as a result of the construction.*

Question-

Are plans and specifications available online?

Response-

*Plans and specifications are available for purchase from Digiprint, which can be accessed from the Town's website. The plans and specs may be available for view online but they cannot be printed. Hard copies are for purchase through Digiprint.*

Question-

Who is responsible for the gas main relocation?

Response-

*The contractor is required to coordinate the utility relocation with the utilities. Town will initiate the process prior to bid due date.*

Question-

Is the \$10,000 Allowance item included on the bid form to cover costs for utility relocation?

**Response-**

*This item is to cover any direct fees charged by the Utility to the Town. The costs for relocation will be covered by the respective utilities. The contractor will be required to coordinate with the utilities and accommodate their work as part of the lump sum base bid. Costs for temporary support of the existing utility pole near the new catch basin on the Canaan Road project will be paid for out of this allowance. Such direct fees that will be paid for out of this allowance will be passed through to the Town without markup.*

**Question-**

Is there an allowance for police traffic control?

**Response-**

*Any required police will be paid for directly by the Town and not be passed through the Contractor. Refer to the Plans & Specifications as well as the following section 186-55 of the Town Code to describe how and when police oversight will be required. Canaan Road is considered a high-traffic road and will need police officers to be used as flagman when determined by the public works director. An excerpt from this section of the code is as follows:*

*Whenever work as described in § 186-55 above is being done on high-traffic roads, the Town of Stratford Public Works must be given 48 hours' notice before such work begins. Such notice must include details of work to be done, number of safety officers and duration of officers required, estimated time table of project, and the name, title, and phone number of contact person. Final decision as to number of officers, duration of officers or usage of appropriate traffic control signage is to be made by the Director of Public Works or his agent in conjunction with the Chief of Police prior to start of work. In the event field conditions change, any changes to number or duration of officers, or signage will need to be approved by the Director of Public Works or his agent. Further, the Stratford Police Department shall be first to be requested for such traffic duty; and only if the Police Department declines to provide such traffic officers may the permittee hire private traffic or safety officers.*

**Question-**

Is there a DBE Requirement on this project?

**Response-**

No.

**Question-**

When are flaggers required instead of police?

**Response-**

*Flaggers are required as specified in the Specifications. See above for information regarding police oversight.*

**Question-**

Can you clarify whether cast in place or pre-cast option works?

**Response-**

*The contractor has the option of using cast in place or pre-cast concrete for the new bridge decks. The contractor is allowed to use a combination of both on each of the two projects (i.e. one project can use both pre-cast and cast in place).*

**Question-**

Is weekend work permitted?

**Response-**

*Weekend work will be considered on a case by case basis. Permission for weekend work must also be secured from the Town Health Director as being in the interest of public safety. The Contractor should also provide a request to the Town Engineer to perform weekend work at least 72 hours prior to the proposed weekend work. Work will not be approved by that office if the Town cannot arrange inspection oversight. All work must be performed in accordance with the Town's noise ordinance, which includes the following:*

*Noise generated by any construction equipment which is operated during daytime hours, provided that operation of construction equipment during nighttime hours shall not exceed the maximum noise levels as specified in § 142-5.*

*The erection (including excavating), demolition, alteration or repair of any building, or the excavation of streets and highways, other than between the hours of 7:00 a.m. and 6:00 p.m. on weekdays, except in care of urgent necessity in the interest of public safety.*

*Daytime hours are the hours between 8:00 a.m. and 8:00 p.m., Monday morning through Friday evening, and the hours 8:00 a.m. to 10:00 p.m. on Saturday and the hours 9:00 a.m. to 8:00 p.m. on Sunday, with the Saturday and Sunday hours in effect on the day before and the day of federal and state holidays; provided, however, that the same shall mean the hours between 8:00 a.m. and 9:00 p.m., Monday morning through Friday evening, and the hours 8:00 a.m. to 10:00 p.m. on Saturday and the hours 9:00 a.m. to 9:00 p.m. on Sunday, with the Saturday and Sunday hours in effect on the day before and the day of federal and state holidays during daylight savings time.*

**Question-**

How quickly will submittals be turned around after submission Town?

**Response-**

*Submittals will be turned around as quickly as possible. We understand that fixed time line for the projects and lead time for items and will endeavor to turn them around quickly.*

**Question-**

If pre-cast is selected, can a notice to proceed be delayed to allow for the pre-cast to be completed prior to the start of work?

**Response-**

*This will be considered at the request of the selected contractor. There is some flexibility in the Light Street schedule that may allow for this.*

**Question-**

If one contractor is awarded both projects, will the project timeline be 360 days?

**Response-**

*No, the timeline for the two projects will run concurrently and independently.*

**Question-**

Will the gas mains within the Canaan Road work area required relocation?

**Response-**

*It is our understanding that these gas mains are located below the culvert.*

**Question-**

Will the costs for relocation of the gas main be covered under the Allowance item included on the bid form?

**Response-**

*No. See above.*

**Question-**

When are questions due?

**Response-**

*No later than 7 days prior to the bid due date.*

**Question-**

How is traffic control handled?

**Response-**

*There are staged construction plans included in the Bid package. Detours not identified on these plans will not be permitted.*

**Question-**

What are the construction estimates for these projects?

**Response-**

*The engineer's estimate for Canaan Road is approximately \$520,000 and the estimate for Light Street is approximately \$210,000.*

NAME ORGANIZATION

CONTACT INFORMATION

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Matt Brown

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Telephone:

Fax:

Email:

PRE-BID MEETING SIGN-IN SHEET  
Rehabilitation of Canaan Road and Light Street Bridges  
STRATFORD, CONNECTICUT  
10:00 AM, February 10, 2016

NAME

ORGANIZATION

CONTACT INFORMATION

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Dahn Casey Town of Stratford  
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 Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_



NAME	ORGANIZATION	CONTACT INFORMATION
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ARTHUR HARKIS	G. Pic & Sons Const	Telephone: _____ Fax: _____ Email: <a href="mailto:ARTHURPICSONS@GMAIL.COM">ARTHURPICSONS@GMAIL.COM</a>
_____	_____	Telephone: _____ Fax: _____ Email: _____
_____	_____	Telephone: _____ Fax: _____ Email: _____
_____	_____	Telephone: _____ Fax: _____ Email: _____

PRE-BID MEETING AGENDA  
Rehabilitation of Canaan Road and Light Street Bridges  
STRATFORD, CONNECTICUT

10:00 AM, February 10, 2016

I. INTRODUCTIONS

- A. Sign In Sheet
- B. Owner – Town of Stratford
- C. Engineer – Anchor Engineering Services, Inc.

II. GENERAL PROJECT INFORMATION

- A. Bid opening date, time, and location - 3:00 PM on Wednesday, February 24, 2016 at Office of the Town Purchasing Department, Stratford Town Hall.
- B. Bid Proposal – 2 Projects being bid. 1 lump sum bid for each project. Provisions for a potential deduction in cost should both projects be awarded to same bidder. In addition, several unit adjustments included – prices provided by contractor will apply to any they bid. Contractor do not have to bid on both projects.
- C. Contract Time - 210 Days for Canaan Road Project, 150 Days for Light Street Project. Concurrent timelines if one contractor awarded both projects.
- D. Liquidated Damages – 244 days, \$
- E. Performance & Payment Bonds
- F. Insurance Requirements – Listed in Supplementary Conditions
- G. Prevailing Wage Rates
- H. Schedule – Anticipate 3/28/16 NTP

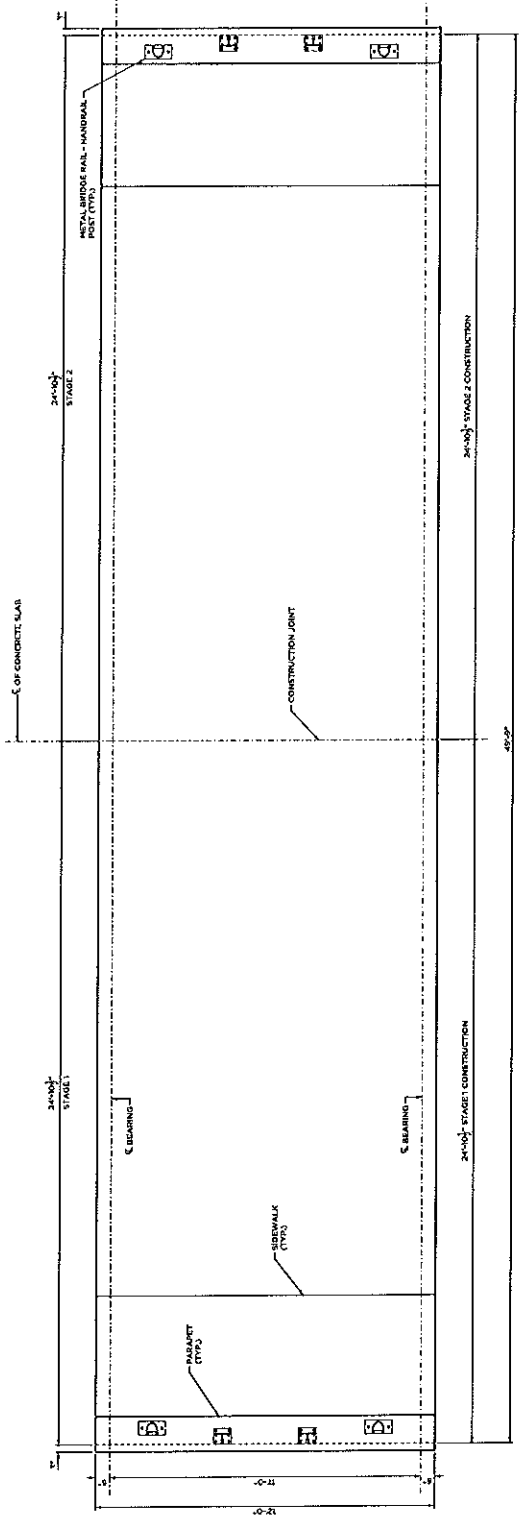
III. DETAILED PROJECT OVERVIEW

- A. Plans & Specifications
- B. Permits – *IWWC already obtained. Road opening permit will be required – fee waived.*
- C. Material Submittals

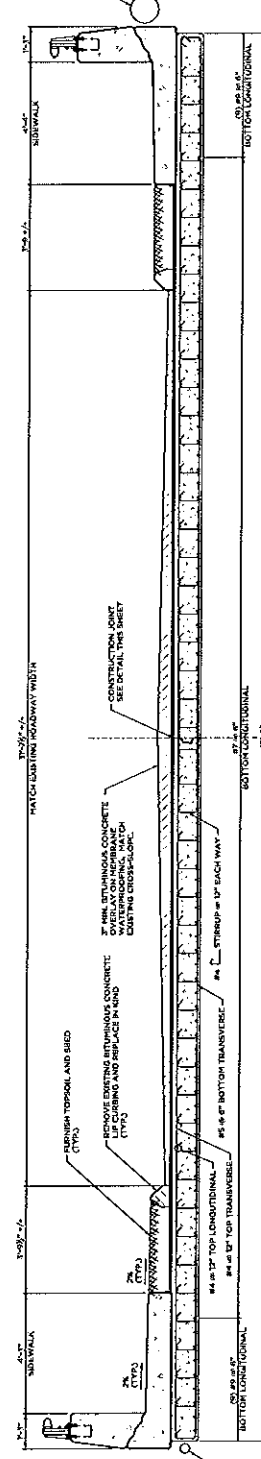
IV. QUESTIONS

V. PRE-BID MEETING FOLLOW-UP – ADDENDUM NO. 1

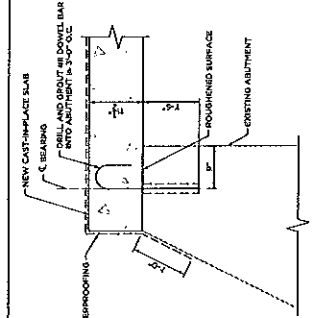
- A. Meeting Minutes Distribution
- B. Sign-In Sheet Distribution
- C. Clarifications



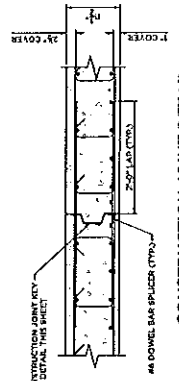
**DECK LAYOUT PLAN**  
SCALE: 1/8" = 1'-0"



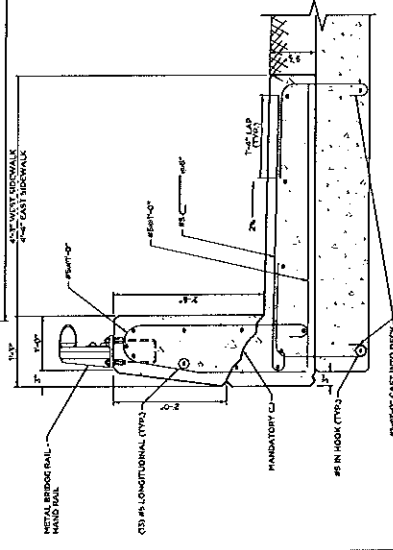
**DECK SECTION**  
SCALE: 1/8" = 1'-0"



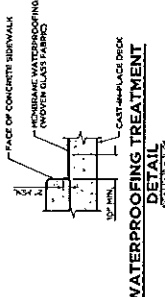
**BRIDGE SEAT DETAIL**  
SCALE: 1/4" = 1'-0"



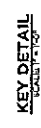
**CONSTRUCTION JOINT DETAIL**  
SCALE: 1/4" = 1'-0"



**TYPICAL SIDEWALK/PARAPET SECTION**  
SCALE: 1/8" = 1'-0"



**WATERPROOFING TREATMENT DETAIL**  
SCALE: 1/4" = 1'-0"

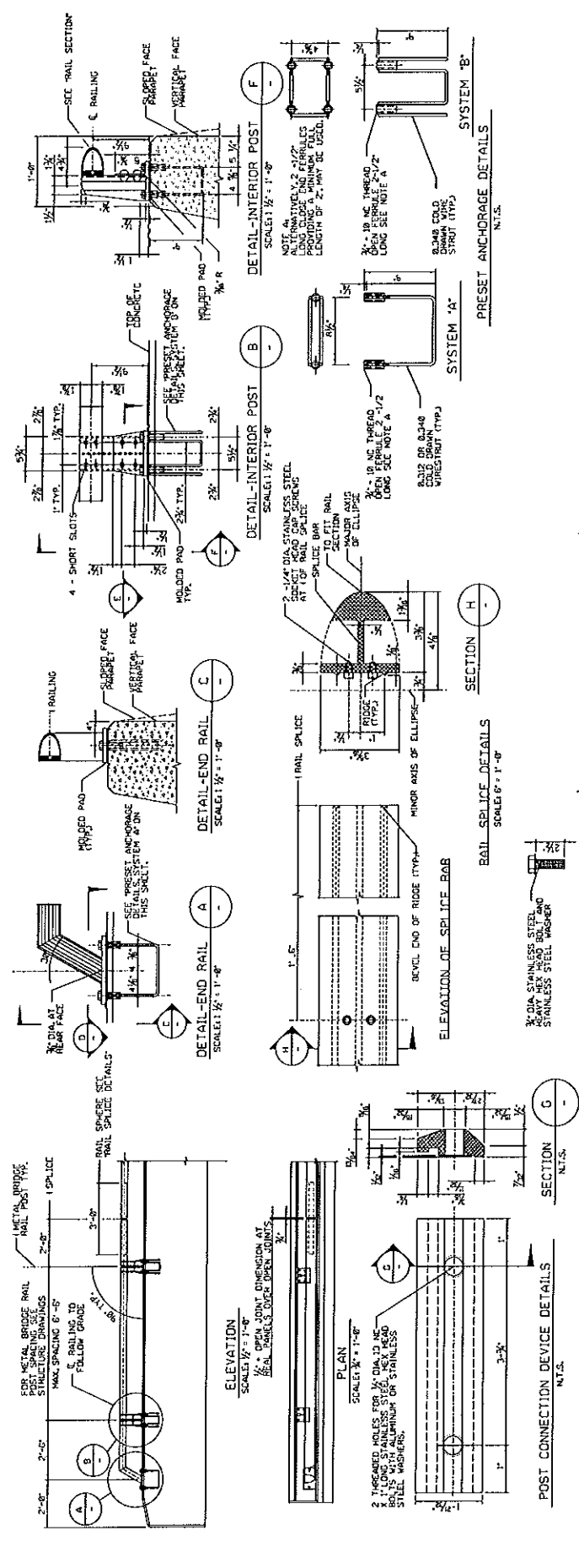


**ANCHOR**  
INCORPORATED

TOWN OF STRATFORD  
BRIDGE NO. 18-015  
LIGHT STRUCT OVER IMPROV. BRIDGE  
CAST-IN-PLACE OPTION DETAILS  
DATE: 10/15/15  
SCALE: AS SHOWN  
SHEET NO. 10 OF 15

NO.	DESCRIPTION	DATE
1	REVISED TO ADD TO NEW BRIDGE	10/15/15
2	REVISED TO ADD TO NEW BRIDGE	10/15/15
3	REVISED TO ADD TO NEW BRIDGE	10/15/15
4	REVISED TO ADD TO NEW BRIDGE	10/15/15

- NOTES:**
- REMOVE EXISTING BITUMINOUS CONCRETE WATERPROOFING AND REPLACE IN KIND.
  - REMOVE TOPSOIL AND SOD.
  - RELOCATE EXISTING GAS MAIN TO WEST FACE OF NEW BRIDGE.
  - CONSTRUCTION JOINT WITH PROCESSED AGGREGATE BASE.



**NOTES:**

ALUMINUM WELDING SHALL BE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE (AWS) AND ANS/AWS D1.1. RIVETING SHALL BE IN ACCORDANCE WITH ARTICLE G.5 - RIVETING OF METALS SPECIFICATIONS FOR ALUMINUM STRUCTURES.

METAL BRIDGE RAIL, THE RAILING POSTS, POST CONNECTION DEVICES, SPLICE BAR, END RAILS SHALL BE EXTRUDED ALUMINUM AND CONFORM TO THE REQUIREMENTS OF ASTM B221, GROUP 1A, AND CONFORM TO THE REQUIREMENTS OF ASTM B221, GROUP 1A, AND CONFORM TO THE REQUIREMENTS OF ASTM B221, GROUP 1A, AND CONFORM TO THE REQUIREMENTS OF ASTM B221, GROUP 1A.

ALL BOLTS SHALL BE STAINLESS STEEL AND CONFORM TO THE REQUIREMENTS OF ASTM A193, GRADE B3, AND CONFORM TO THE REQUIREMENTS OF ASTM A193, GRADE B3.

CONCRETE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM C801-76 OR ASTM B221 ALUMINUM ALLOY 6061-T6.

WHENEVER POSSIBLE, BUT IN NO CASES THICKNESS OVER FOUR (4) INCHES, BOLTS TO FORM AN ELLIPTICAL RAIL SHALL NOT BE ALLOWED. ALL BOLTS SHALL HAVE A SLIDING FIT IN THE RAIL SECTION.

ALUMINUM RAILINGS SHALL BE CAREFULLY ADJUSTED PRIOR TO FIXING, IN PLACE TO INSURE PROPER WELDING AT JOINTS, AND CORRECT ALIGNMENT OF RAILS. THE ANCHORAGE SHALL BE FREE OF BURRS, SHARP EDGES AND IRREGULARITIES.


PRESET ANCHORAGE, THE WIRE STRUTS SHALL BE 3003-B2 ALUMINUM CONFORM TO ASTM B221, GROUP 1A, AND CONFORM TO THE REQUIREMENTS OF ASTM B221, GROUP 1A.

GALVANIZED IN ACCORDANCE WITH ASTM A123, THE BOLTS SHALL BE WELDED TO THE RAILING POSTS, AND CONFORM TO THE REQUIREMENTS OF ASTM A123, GROUP 1A.

THE ANCHORAGE ASSEMBLY SHALL BE INSTALLED PERPENDICULAR TO THE PLANE OF THE RAILING POSTS, AND SHALL BE FULLY AND ACCURATELY WELDED TO THE POSTS AND SHALL BE FULLY AND ACCURATELY WELDED TO THE POSTS AND SHALL BE FULLY AND ACCURATELY WELDED TO THE POSTS.

MOLDED PADS MOLDED PADS SHALL BE MANUFACTURED FROM NEW POLYURETHANE WITH A MINIMUM OF 50% FIBER CONTENT EQUAL TO APPROXIMATELY ONE-HALF OF THE TOTAL WEIGHT OF THE PAD.

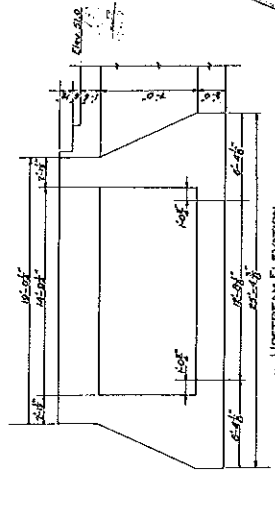
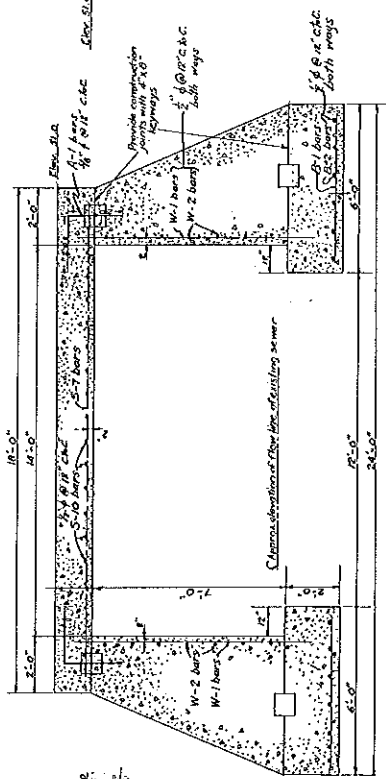
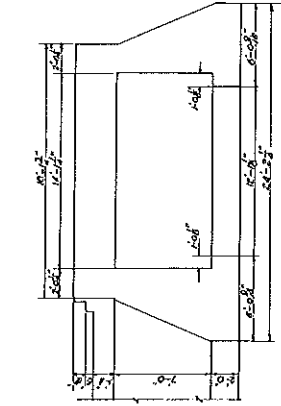
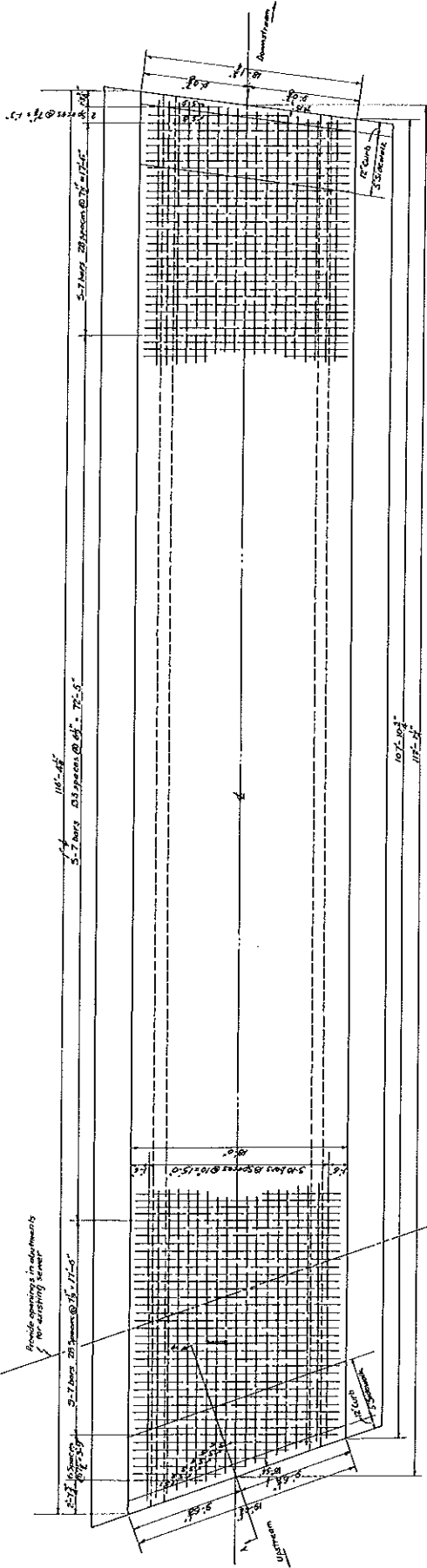
ANODIZING THE ALUMINUM ALLOY USED SHALL ONLY BE 6063-T5. THE ANODIZING COLOR OF THE ANODIZING SHALL BE "REDUCED BRONZE".



**ANCHOR**  
 ANCHORAGE INC. / ANCHOR  
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**TOWN OF STRATFORD**  
 BRIDGE NO. 15-008-A  
**METAL BRIDGE RAIL - HANDRAIL**

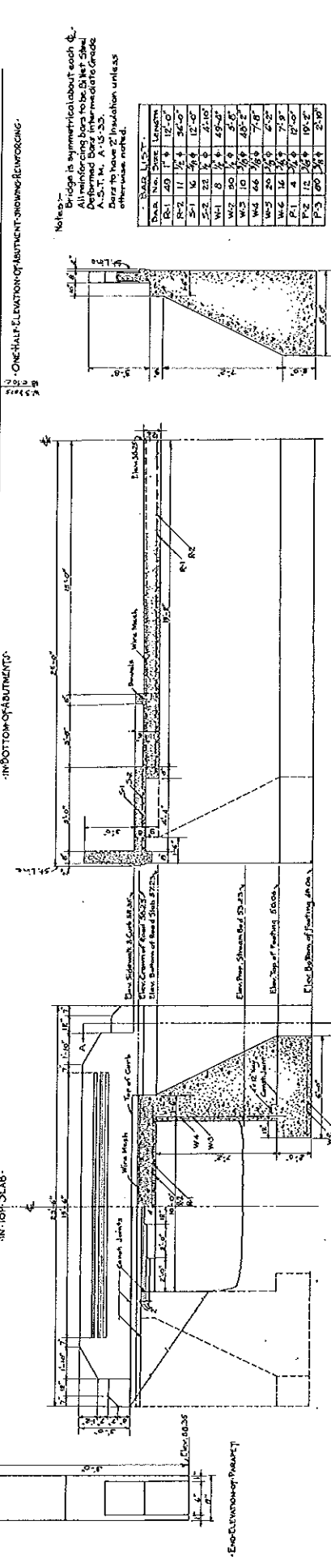
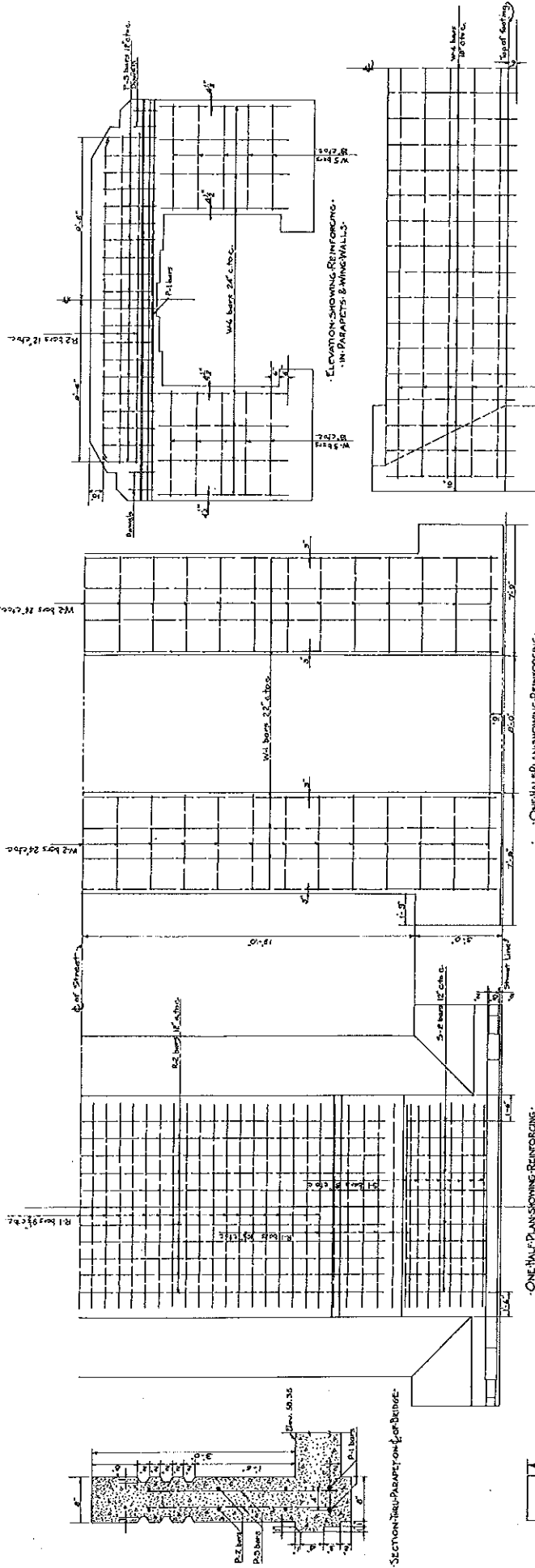
<b>PROJECT</b> BRIDGE NO. 15-008-A	<b>ASSEMBLY</b> 15-008-A	<b>SHEET NO.</b> 13	<b>OF</b> 15
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Bar	Dist	Per	Area	Vol
1	12'-0"	1	0.00	0.00
2	12'-0"	1	0.00	0.00
3	12'-0"	1	0.00	0.00
4	12'-0"	1	0.00	0.00
5	12'-0"	1	0.00	0.00
6	12'-0"	1	0.00	0.00
7	12'-0"	1	0.00	0.00
8	12'-0"	1	0.00	0.00
9	12'-0"	1	0.00	0.00
10	12'-0"	1	0.00	0.00
11	12'-0"	1	0.00	0.00
12	12'-0"	1	0.00	0.00
13	12'-0"	1	0.00	0.00
14	12'-0"	1	0.00	0.00
15	12'-0"	1	0.00	0.00
16	12'-0"	1	0.00	0.00
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21	12'-0"	1	0.00	0.00
22	12'-0"	1	0.00	0.00
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25	12'-0"	1	0.00	0.00
26	12'-0"	1	0.00	0.00
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40	12'-0"	1	0.00	0.00
41	12'-0"	1	0.00	0.00
42	12'-0"	1	0.00	0.00
43	12'-0"	1	0.00	0.00
44	12'-0"	1	0.00	0.00
45	12'-0"	1	0.00	0.00
46	12'-0"	1	0.00	0.00
47	12'-0"	1	0.00	0.00
48	12'-0"	1	0.00	0.00
49	12'-0"	1	0.00	0.00
50	12'-0"	1	0.00	0.00

BRUCES BROOK - STRATFORD CONN.  
 CONCRETE BRIDGE AT CANAAN ROAD  
 Scale 1/2" = 1 foot unless otherwise noted April 1940

TOWN OF STRATFORD, CT.  
 BUREAU OF ENGINEERING  
 File No. E.C. 32



Bar	Size	Length
W1	10	11.4
W2	10	11.4
W3	10	11.4
W4	10	11.4
R1	10	11.4
R2	10	11.4
R3	10	11.4

PROPOSED CONCRETE BRIDGE  
 BRUCE BROOK AT LIGHT ST - STRATFORD CONN.  
 Scale: 3/8" = 1'-0" foot  
 October 1939

JOB. 06-19