08 - FIO: UTILITY SUPPORT PLANS INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
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FIO-05	TEMPORARY PLAN & PROFILE		
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FIO-14	TCP		

					DES:
				THE INFORMATION, INCLUDING ESTIMATED	
				QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED	CHE
				INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE	
				THE CONDITIONS OF ACTUAL QUANTITIES	
				OF WORK WHICH WILL BE REQUIRED.	
]
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 12/3/2025	

MG

TOWN OF WALLINGFORD

Filename: FIO-01 INDEX - UTILITY SUPPORT.DWG



REHABILITATION OF BRIDGE NO. 04392 TOELLES ROAD OVER THE QUINNIPIAC RIVER

WALLINGFORD

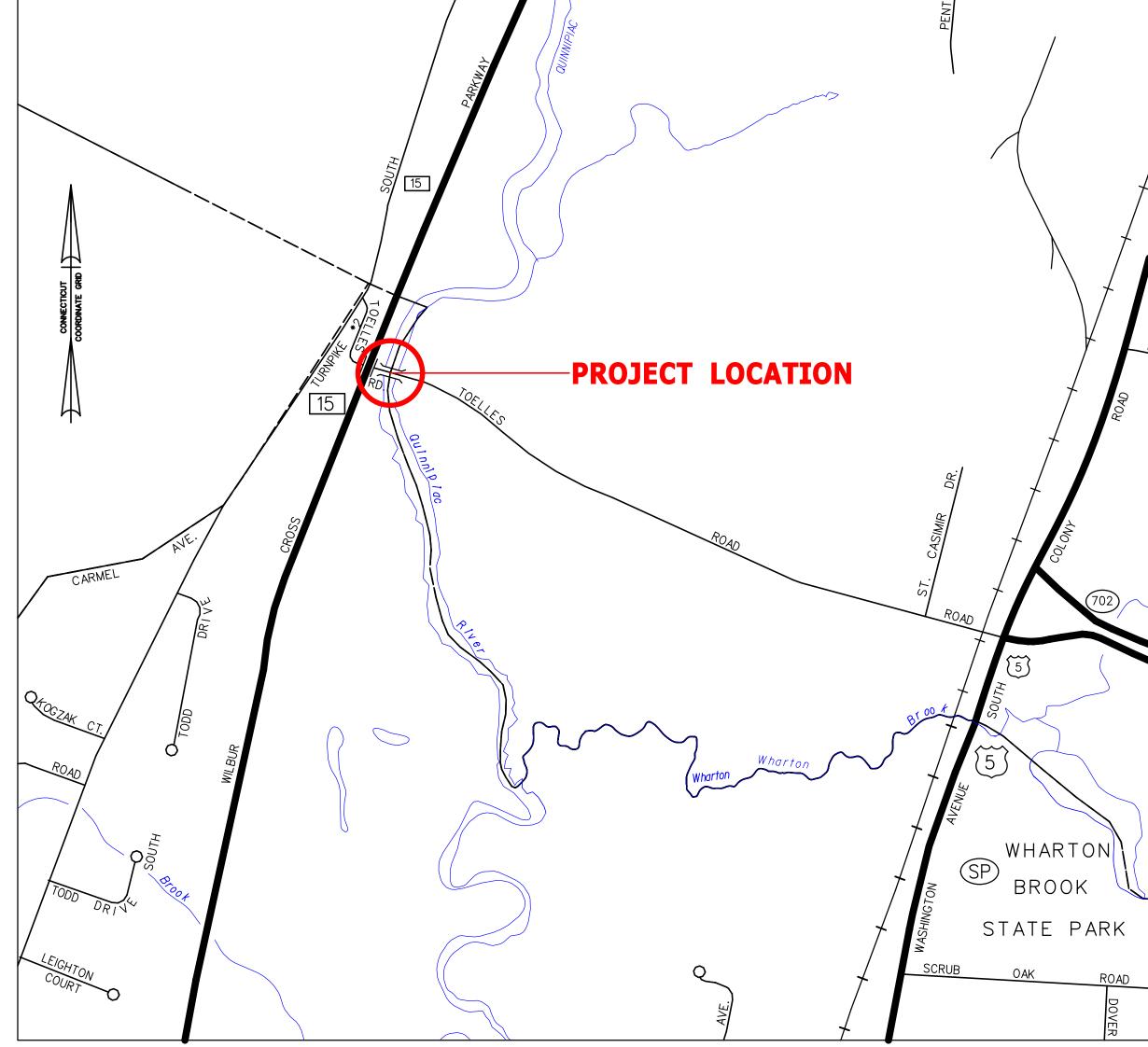
PROJECT NO. **L148-0003** FIO-01 INDEX OF DRAWINGS

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SHEET #	TITLE:
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5 OF 13	TEMPORARY CONNECTION DETAILS
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13 OF 13 TRAFFIC CONTROL DETAILS

EVERS URCE **ENERGY**



TOELLES ROAD OVER QUINNIPIAC RIVER WALLINGFORD - NORTH HAVEN, CONNECTICUT

COMPLEX COMPONENT: 8" STL IP GAS ON BRIDGE No. 04392

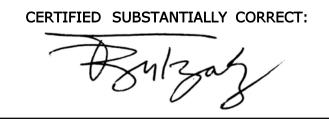
TEMPORARY INSTALLATION: ±170' OF 8" STEEL IP MAIN PERMANENT INSTALLATION: ±160' OF 8" STEEL IP MAIN ABANDONMENT (EXISTING): ±150' OF 8" STEEL IP MAIN ABANDONMENT (TEMPORARY): ±170' OF 8" STEEL IP MAIN AFFECTED STREETS: TOELLES ROAD

PROJECT PLAN REFERENCES:

1. TOWN OF WALLINGFORD, REHABILITATION OF BRIDGE NO. 04392 OVER THE QUINNIPIAC RIVER, WALLINGFORD, PROJECT NO. L148-0003 BY AI ENGINEERS, INC., 919 MIDDLE STREET MIDDLETOWN, CT 06457, FINAL DESIGN REVIEW - OCTOBER 22, 2022.

2. CONNECTICUT DEPARTMENT OF TRANSPORTATION, PLAN FOR REPLACEMENT OF BRIDGE AND APPROACHES ON TOELLES ROAD OVER THE QUINNIPIAC RIVER REHABILITATION OF BRIDGES IN THE TOWNS OF NORTH HAVEN & WALLINGFORD, STATE PROJECT #148-113, 1981.

3. COMPLETE PLANS OF THE EXISTING BRIDGE (STATE PROJECT #148-113) ARE AVAILABLE THROUGH THE CONNECTICUT DEPARTMENT OF TRANSPORTATION.



EcoDesign, LLC SARGIS ASSOCIATES, INC.



PRIOR TO PIPE FABRICATION

DRAFT ISSUED FOR REVIEW 04/15/24 TJB/NMK Date Description Dw/Ck Revision/Status **EVERSURCE** REHABILITATION OF BRIDGE No. 04392 over QUINNIPIAC RIVER

NMK 04/12/2024

CT-CEN-PIP-22-042-01

PROJECT No. 21C301 - WALLINGFORD TOELLES ROAD (8" STL IP) - COVER SCALE: AS NOTED SHEET: 1 OF 13 FIELD VERIFY DIMENSIONS Drawn by / Date Checked by / Date **Drawing Number**

TJB 04/10/2024

A. IF ANY OF THE FOLLOWING OCCUR A DRAWING REVISION IS REQUIRED AND MUST BE APPROVED AND/OR STAMPED BY THE ENGINEER OF RECORD. CHANGES CAN BE APPROVED AND/OR STAMPED BY A PROJECT ENGINEER, BUT THE ENGINEER OF RECORD MUST BE INFORMED.

- 1. IF THE TIE IN POINT MOVES TO A DIFFERENT SEGMENT OF PIPE THAN SHOWN.
- 2. IF A CHANGE IN THE LOCATION OF VALVES IS REQUIRED.

3. IF THERE IS ANY CHANGE TO WHAT IS SHOWN ON THE DRAWING WITHIN 50 FTOF A PRESSURE REGULATING STATION, DISTRICT REGULATOR, OR GATE STATION.

- 4. IF A CHANGE IN PIPE SIZE, MATERIAL, OR WALL THICKNESS IS REQUIRED.
- 5. ALTERNATE FITTINGS THAT ARE ACCEPTABLE FOR ANY TIE-IN DETAIL WILL BE CALLED OUT IN THE DRAWING. FITTING CHANGES NOT SHOWN AS ALTERNATIVES ON THE DRAWING WILL NEED TO FOLLOW THE DRAWING CHANGE PROCESS CONTAINED IN SECTION V.D.
- B. CONSTRUCTION DRAWINGS, LOCATIONS OF EXISTING UTILITIES, UNDERGROUND STRUCTURES AND WORK LOCATIONS ARE BASED ON BEST AVAILABLE INFORMATION BUT HAVE NOT BEEN FIELD VERIFIED.
- C. ALL WORK, MATERIAL AND CONSTRUCTION SHALL BE PERFORMED AND COMPLETED IN COMPLIANCE WITH ALL PERMITS AND APPROVALS PER EVERSOURCE, LOCAL, STATE, OSHA AND FEDERAL REGULATIONS AND STANDARDS.

D. ALL LIVE GAS WORK EXCEPT SERVICE SIZE TAPS, INCLUDING BUT NOT LIMITED TO TAPPING OF FITTINGS ON LIVE MAINS, STOPPING, MANIPULATING VALVE, ABANDONMENT, SHALL BE PERFORMED BY, OR AT THE DIRECTION AND UNDER THE DIRECT SUPERVISION OF EVERSOURCE GAS PERSONNEL AND IN ACCORDANCE WITH THE WRITTEN PROCEDURE, DRAWING CHANGES MAY ALSO REQUIRE A CHANGE TO THE PROCEDURE.

E. EXCAVATOR IS REQUIRED TO PROTECT EXISTING UTILITIES, STRUCTURES, LANDSCAPES FEATURES, SIGNAGE, CURBS, ETC. CARE SHOULD BE TAKEN NOT TO DISTURB OR DAMAGE SUCH ITEMS, ROADWAY, SIDEWALKS, AND GRASS DISTURBED SHALL BE RESTORED TO THE SATISFACTION OF THE CITY OR TOWN. PLANT BEDS WILL BE RELOCATED TO THEIR EXISTING REGULAR LOCATION.

F. ALL TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), INCLUDING ALL REVISIONS AND ADDENDA. ALL TRAFFIC CONTROL DEVICES WILL BE SUPPLIED BY EXCAVATOR.

	21C301 - Toelles Road Bridge, Wallingford							
Stock Code	Quantity	Units	Item Description					
592778	360	FT	PIPE, 8 IN IPS X 0.322 IN THK WALL, 7.981 IN ID X 8-5/8 IN OD, 45 FT LG, ERW X BUTTWELD, CS, MIN GR B, POLYETHYLENE COATED, AP					
513679	1	ROLL	CABLE, INSULATED, MDP, #12 AWG, 7 STR, YELLOW, POLYETHYLENE-30, SOFT DRAWN CU, 500 FT/RL, FOR USED AS PIPE LOCATOR					
565814	1	ROLL	TAPE, WARNING, MARKED BURIED GAS LINE, 4 MIL, 1000 FT ROLL, 6 IN W, YELLOW, ISSUE EACH ROLL AS 1, T-01-A00,					
546243	2	EA	FITTING, LINE STOPPER, BOTTOM OPENING, 8 IN, WELDED ENDS, W/ 150 LB FLANGE, FOR BEVELED 8.625 IN OD THIN WALL STEEL PIPE					
545362	12	EA	ELBOW, PIPE, 45 DEG, 8 IN X 0.322 IN THK WALL, BUTT WELD ENDS, CS, ASTM A234, ANSI B16.9, LONG RADIUS					
545358	8	EA	8" ST ELBOW 90 DEGREE LONG RADIUS					
541491	2	EA	BOX,CORROSION, 18 IN LG, 5 IN DP, CI, W/ 5 TERMINAL, HOOKS, NON-LOCKING LID, NM5 DROP TURN, YELLOW LID MARKED CP TEST & B&T BOX					
503674	90	Roll	TAPE,WAX, 9 FT LG X 4 IN W, BROWN, 24 ROLLS/CS, BELOW GROUND USE ONLY, TR-1WAX					
560521	12	Roll	TAPE, PROTECTION, 75 FT LG X 2 IN W X 0.035 IN THK, PRIMER REQ'D BELOW 40F, GRAY, 12 ROLLS/CS, PREVENTS CORROSION, COLD APPLIED ON PIPING.					
508572	4	GL	PRIMER, 4 GAL/CASE, BROWN, FOR WAX TAPE, APPLICATION TEMP 0 TO 230 F, TEMCOAT 3000					
508576	1	GL	PRIMER, CORROSION PROTECTION, 1 GAL, 4/CASE, FOR COLD APPLIED TAPECOAT TAPE					
551880	10	EA	NIPPLE, PIPE, NON-BLOWING, 1-1/4 IN, 3 IN LG, WELDED X THREADED ENDS, CS					
503961	2	EA	COUPLING, PIPE, CONDUCTIVE, 8 IN IPS, COMPRESSION ENDS, CS/PLASTIC					
542548	6	EA	CAP,PIPE, 8 IN , COMPRESSION END, 150 LB, W/ 1 IN OFF-CENTER VENT, FOR 8.625 IN OD STEEL PIPE					
604096	1	EA	VALVE, BALL, 8 IN, STEEL, WELDXWELD, 150 LB, FULL PORT, EPOXY COATED, W/HZ GEAR OPERATOR, 22 IN LONG, KEROSET					
604132	1	EA	BOX VALVE, W/5-4/4IN SQ NON-LOCKING LID, FOR 8 IN FULL PORT VALVES, PAVEMENT RISER IN 583488. 6/BOX					
578415	500	FT	CABLE, INSULATED, THHN, #10 AWG, 19 STR, 600 V, UL, WHITE, 15 MILS PVC, 4 MILS NYLON JACKET, CU, 500 FT/ROLL					
603139	500	FT	CABLE, INSULATED, THHN, #10 AWG, 19 STR, 600 V, UL, BLACK, 15 MILS PVC, 4 MILS NYLON JACKET, CU, 500 FT/ROLL					
DIRECT	2	EA	PIPE MARKER SIGN TAG					
DIRECT	15	EA	ADJUSTABLE ROLL GUIDE FOR 8" PIPE					
DIRECT	26	EA	NON-CONDUCTIVE PIPE ROLLER FOR 8" PIPE					
DIRECT	2	EA	STAND ALONE GAS WARNING SIGN					
DIRECT	26	EA	7/8" THREADED RODS, 24" LONG					
DIRECT	3	EA	ANGLE ATTACHMENT BRACKET SIZE 3					
DIRECT	7	EA	FRP ROLL-ON SHIELDS TYPE #220-240					
DIRECT	12	EA	HILTI ANCHOR BOLTS, 1/2" KWIK BOLT 3					
DIRECT	2	EA	3/8" STEEL PLATE, 36" X 24"					

DRAFT

PROJECT PLAN REFERENCES:

- 1. TOWN OF WALLINGFORD, REHABILITATION OF BRIDGE NO. 04392 OVER THE QUINNIPIAC RIVER, WALLINGFORD, PROJECT NO. L148-0003 BY AI ENGINEERS, INC., 919 MIDDLE STREET MIDDLETOWN, CT 06457, FINAL DESIGN REVIEW - OCTOBER 22, 2022.
- 2. CONNECTICUT DEPARTMENT OF TRANSPORTATION, PLAN FOR REPLACEMENT OF BRIDGE AND APPROACHES ON TOELLES ROAD OVER THE QUINNIPIAC RIVER REHABILITATION OF BRIDGES IN THE TOWNS OF NORTH HAVEN & WALLINGFORD, STATE PROJECT #148-113, 1981.
- 3. COMPLETE PLANS OF THE EXISTING BRIDGE (STATE PROJECT #148-113) ARE AVAILABLE THROUGH THE CONNECTICUT DEPARTMENT OF TRANSPORTATION.

EcoDesign, LLC

SARGIS ASSOCIATES, INC.

FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION

A DRAFT ISSUED FOR REVIEW 04/15/24 TJB/NMK Date Description Dw/Ck Revision/Status **EVERSURCE** REHABILITATION OF BRIDGE No. 04392 over QUINNIPIAC RIVER PROJECT No. 21C301 - WALLINGFORD **TOELLES ROAD (8" STL IP) - NOTES**

Checked by / Date

NMK 04/12/2024

SHEET: 2 OF 13

Drawing Number

CT-CEN-PIP-22-042-02

SCALE: AS NOTED

Drawn by / Date

TJB 04/12/2024

Date: 4/12/2024 Time: 12:12:27 PM

DRAWING LEGEND

ABBREVIATIONS END CAPS UTILITY & BOUNDARY COUPLINGS CATHODIC PROTECTION CIVIL COMPONENTS YAP $\qquad \qquad \bigwedge$ TYPE "A" TEST STATION CI - CAST IRON ST/ST COMP INSUL CPLG ST WELDED END CAP **UTILITY POLE REGULATING STATION 50' BOUNDARY** ST/CI COMP INSUL CPLG PL EF END CAP **CP - CATHODIC PROTECTION** TYPE "B" TEST STATION **EXISTING GAS MAIN** CI/CI COMP INSUL CPLG PL FUSION END CAP \blacksquare **CATCH BASIN** ST COMP END CAP ST WELDED INSUL CPLG \bigcirc PROPOSED GAS MAIN **COMP - COMPRESSION** TYPE "C" TEST STATION **HYDRANT** CI COMP END CAP COMP PL/ST COMP CPLG PL COMP END CAP * CPLG - COUPLING GAS MAIN TO BE ABANDONED PL/CI COMP CPLG TYPE "D" TEST STATION LIGHT POLE CI/ST COMP CPLG ST COMP END CAP W/ VENT **EF - ELECTROFUSION** GAS MAIN WITH SERVICE TRANSFERS TYPE "M" TEST STATION ST/ST COMP CPLG CI COMP END CAP W/ VENT **SEWER MANHOLE** CI/CI COMP CPLG PL COMP END CAP W/ VENT **HYD - HYDRAULIC** GAS MAIN WITH PRESSURE INCREASE TYPE "X" TEST STATION **DRAINAGE MANHOLE** PL EF CPLG **INSUL - INSULATING RIGHT-OF-WAY RECTIFIER ELECTRIC MANHOLE** HYDPL/ST HYD CPLG **ELECTRIC MECH - MECHANICAL** ——E———E—— PL/CI HYD CPLG **ANODE TELEPHONE MANHOLE** PL - PLASTIC WATER LINE **RED - REDUCER** SEWER LINE **TELEPHONE** ST - STEEL **TRANS - TRANSITION** DRAIN LINE OVERHEAD WIRES PIPELINE COMPONENTS PRESSURE CONTROL FITTINGS MISCELLANEOUS PRESSURE SYSTEM LP - LOW PRESSURE (< 0.5 PSIG OR <14 W.C.) ST VALVE ST LINE STOPPER PLASTIC PIPE SQUEEZE PL VALVE CI MECH LINE STOPPER ST SIDE OUT **INSIDE METER** EL - ELEVATED LOW ELP (0.5 - ≤ 2 PSIG) ST RED PL RED ST BOTTOM OUT **OUTSIDE METER** IP - INTERMEDIATE PRESSURE (> 2 - ≤ 60 PSIG) ST SADDLE **REGULATOR STATION** HP - HIGH PRESSURE (> 60 - ≤ 99 PSIG) PL TO ST TRANS FITTING CI SADDLE SERVICE VALVE **EH - ELEVATED HIGH (> 99 - ≤ 199 PSIG)** ST TAPPED CLAMP TRACER WIRE TEST BOX CI TAPPED CLAMP SP - SPECIAL PRESSURE (> 199 - ≤ 750 PSIG) PL EF TAPPING TEE ST NON-BLOWING TEE ST CLAMP ST NON-BLOWING NIPPLE CI CLAMP

DRAF

PROJECT PLAN REFERENCES:

1. TOWN OF WALLINGFORD, REHABILITATION OF BRIDGE NO. 04392 OVER THE QUINNIPIAC RIVER, WALLINGFORD, PROJECT NO. L148-0003 BY AI ENGINEERS, INC., 919 MIDDLE STREET MIDDLETOWN, CT 06457, FINAL DESIGN REVIEW - OCTOBER 22, 2022.

2. CONNECTICUT DEPARTMENT OF TRANSPORTATION, PLAN FOR REPLACEMENT OF BRIDGE AND APPROACHES ON TOELLES ROAD OVER THE QUINNIPIAC RIVER REHABILITATION OF BRIDGES IN THE TOWNS OF NORTH HAVEN & WALLINGFORD, STATE PROJECT #148-113, 1981.

3. COMPLETE PLANS OF THE EXISTING TOELLES ROAD BRIDGE (STATE PROJECT #148-113) ARE AVAILABLE THROUGH THE CONNECTICUT DEPARTMENT OF

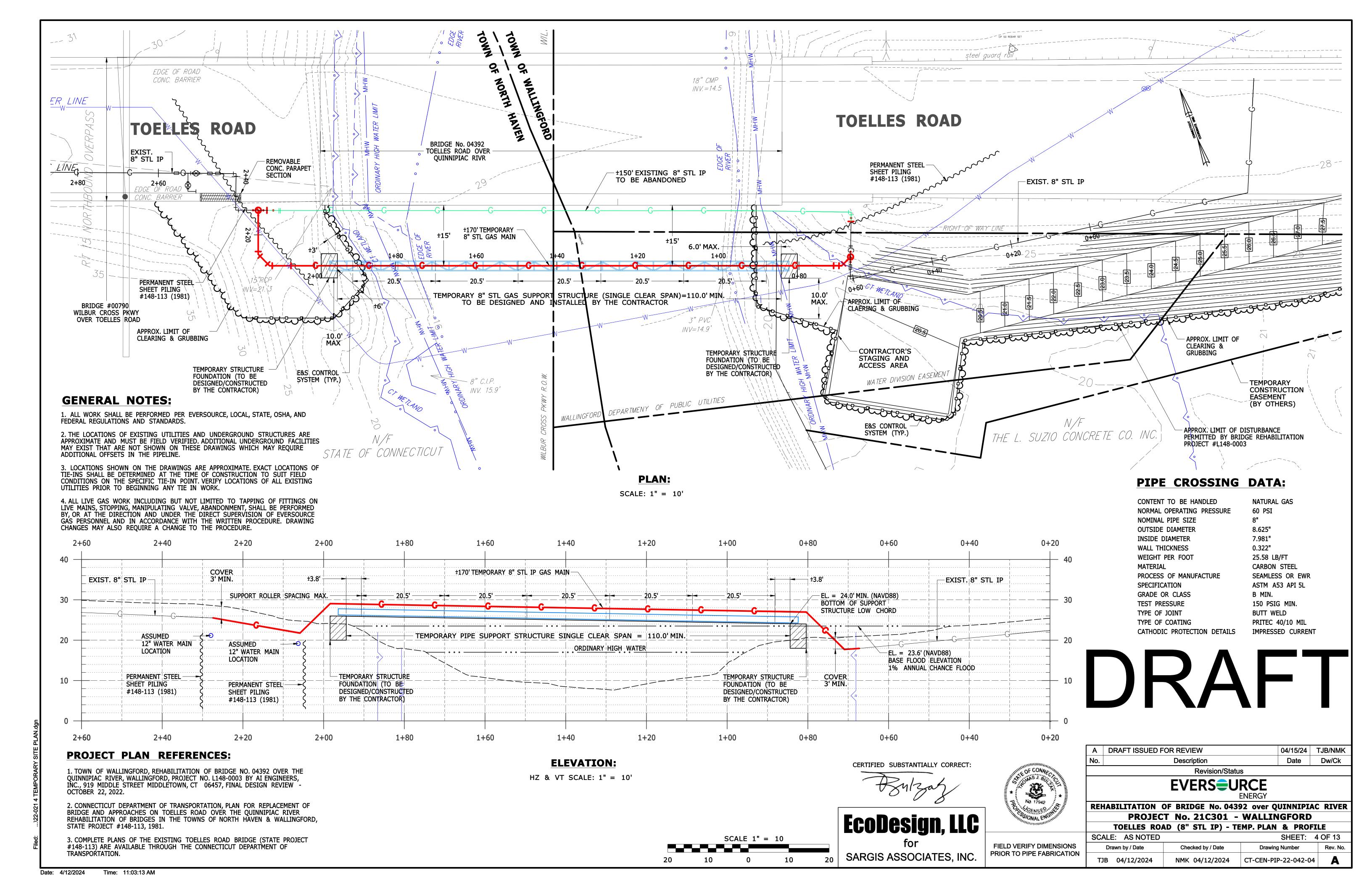
for SARGIS ASSOCIATES, INC.

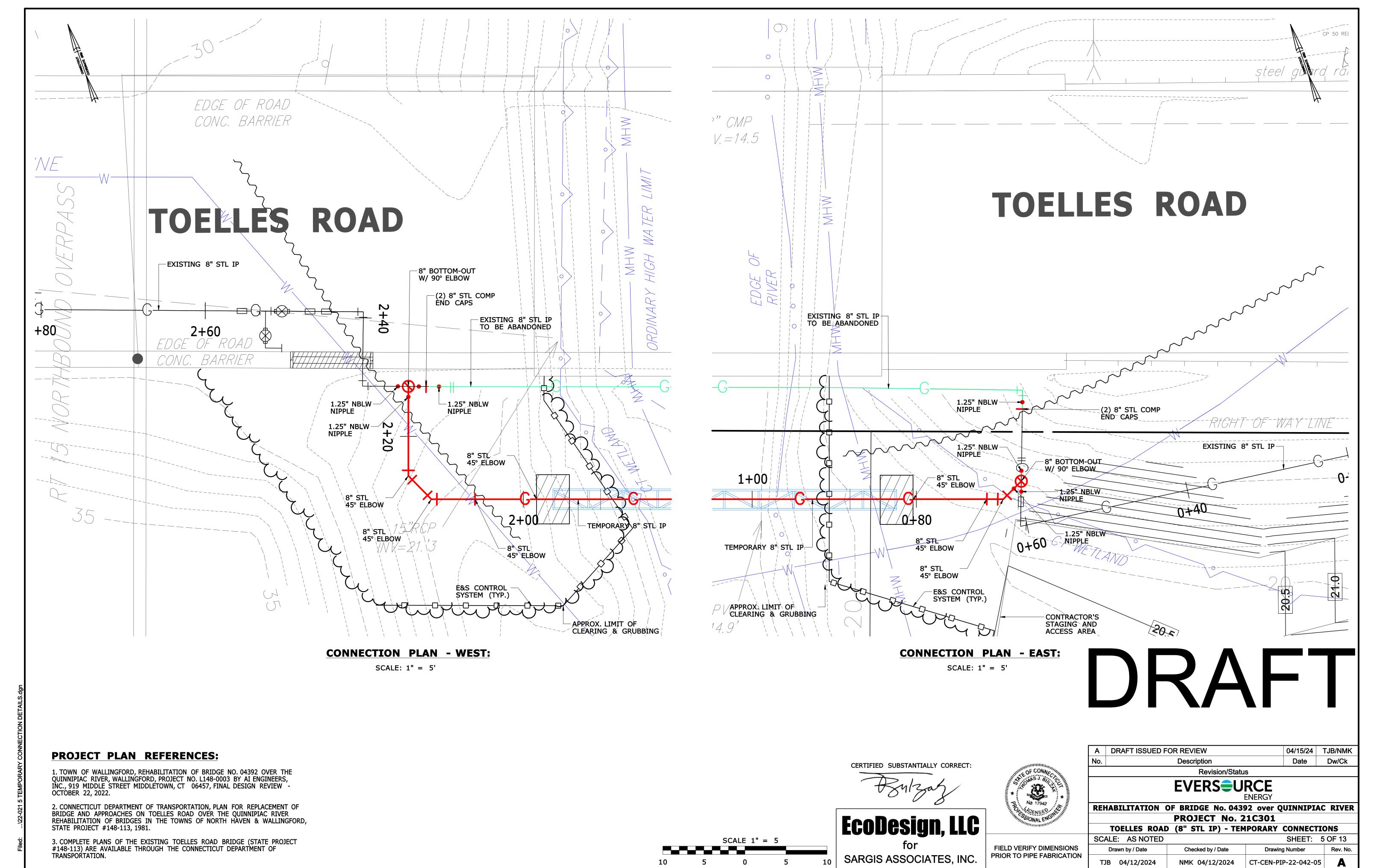
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	No.		Description	D	ate	Dw/Ck	
			Revision/Statu	S			
	REHA	BILITATION	OF BRIDGE No. 0439	92 over QUIN	INIPIA	C RIVER	
		PROJEC	T No. 21C301 -	WALLINGF	ORD		
	TOELLES ROAD (8" STL IP) - LEGEND						
	SCAL	E: NOT TO SC	ALE	SH	EET:	3 OF 13	
FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION	Di	awn by / Date	Checked by / Date	Drawing Num	nber	Rev. No.	
FRIOR TO FIFE FADRICATION							

NMK 04/12/2024 CT-CEN-PIP-22-042-03

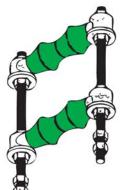
TJB 04/12/2024

Date: 4/12/2024 Time: 10:31:20 AM





3B



ADJUSTABLE ROLL GUIDE INCLUDES: 4 ADJUSTABLE SOCKETS 2 ROLL AXLES

2 VERTICAL THREADED RODS

12 HEX NUTS 2 CAST IRON ROLLS (OMIT WHEN ORDERING NON-CONDUCTIVE ROLLERS)

SPECIFICATIONS MAY VARY - All Dimensions in inches Socket C Size **D** *B Size No. lbs/ea. 3/8 3/8 12 600 2.15 4 1/8 #1-3/8 1 9/16 2 3/16 5 1/2 1/2 1/2 14 #2-1/2 700 4.34 2 3/4 1/2 5/8 18 #3-1/2 750 6.73 6 3/4 5/8 5/8 18 #3-5/8 750 8.95 3 7/16 8 1/16 3/4 3/4 1070 9 9/16 24 #4-3/4 14.59 5 1/4 | 11 15/16 | 7/8 7/8 24 | #5-7/8 | 1350 | 24.33 1730 27.7 6 1/4 14 1/16 7/8 7/8 30 #5-7/8 12 7 7/16 | 15 13/16 7/8 #5-1 2400 39.62 36 3130 57.61 14 17 3/4 1 1/8 #6-1 1/8 8 5/16 16 19 3/4 36 3970 87.57 9 3/8 1 1/4 42 4200 99.54 18 10 3/8 21 7/8 1 1/4 42 4550 131.82 11 1/2 24 1/4 1 1/4 1 1/4 42 6160 219.74 1 1/2

*Axle lengths may affect B dimension. Contact supplier before pre drilling holes.

L (SEE NOTE 1 & 2)

SECTION A-A

1. L=50' MIN. WHERE THE SOILS ARE SANDS OR GRAVELS.

ANTI-TRACKING CONSTRUCTION

ENTRANCE RAMP

NOT TO SCALE

2. L=100' MIN. WHERE THE SOILS ARE CLAYS OR SILTS.

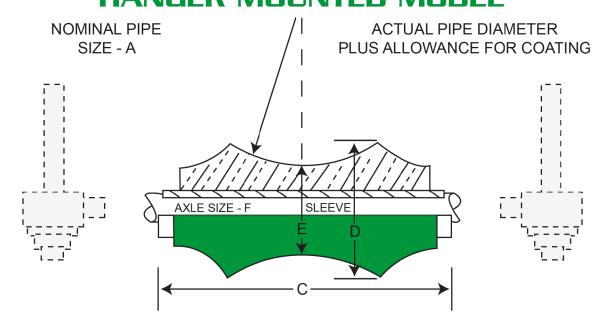
NOTES:



INSTALL SUB-BASE OF FREE DRAINING BACKFILL OR ROAD STABILIZATION GEOTEXTILE

AS NECESSARY ON UNSTABLE

NON-CONDUCTIVE PIPE ROLLER DIMENSIONS HANGER MOUNTED MODEL



SYNTHETIC RESIN STEEL SLEEVE

HANGER RODS, NUTS, SOCKETS AND AXLE ARE DESCRIBED IN OUR PIPE HANGER CATALOG (IN INCHES)

MODEL NUMBER	NOMINAL PIPE SIZE - A	С	D	E	F
2 H	2	2 5/8	1 ¹ / ₄	¹³ / ₁₆	3/8
2 ¹ / ₂ H*	2 1/2	3 1/4	1 ¹ / ₂	⁷ / ₈	1/2
3 H	3	3 3/4	1 ⁵ / ₈	⁷ / ₈	1/2
4 H	4	4 ³ / ₄	2	1 ¹ / ₂	1/2
5 H	5	5 ¹³ / ₁₆	2 ³ / ₈	1 1/2	5/8
6 H	6	6 ⁷ / ₈	2 ³ / ₄	1 ³ / ₄	3/4
8 H	8	8 ⁷ / ₈	3 ¹ / ₈	2 ¹ / ₈	⁷ / ₈
10 H	10	11	3 ⁵ / ₈	2 ¹ / ₈	⁷ / ₈
12 H	12	12 1/2	4	2 ¹ / ₈	1
14 H	14	14 1/2	4 1/2	2 ¹ / ₂	1 1/8
16 H	16	16 ¹ / ₄	5	2 ⁵ / ₈	1 1/4
18 H	18	18 ³/ ₈	5 9/16	2 ³ / ₄	1 1/4
20 H	20	20 1/4	5 ³ / ₄	3 1/2	1 1/4
24 H	24	24 1/4	7 1/16	4 ¹ / ₈	1 1/2

E&S CONTROL NOTES:

1. ALL ACTIVITIES AND MATERIALS SHALL STRICTLY CONFORM WITH THE "BEST MANAGEMENT PRACTICES" AND OTHER INFORMATION AS PROVIDED IN "STATE OF CONNECTICUT, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL CONSTRUCTION", FORM 818.

2. PRIOR TO THE START OF ANY WORK, THE CONTRACTOR SHALL ASSIGN ONE PERSON WHO WILL BE RESPONSIBLE FOR THE IMPLEMENTATION AND MAINTENANCE OF ALL SEDIMENTATION CONTROL MEASURES DESCRIBED HEREIN FOR THE DURATION OF THE PROJECT. ALL CONTROL MEASURES SHALL BE INSPECTED ON A DAILY BASIS THROUGHOUT THE CONSTRUCTION PERIOD AND REPAIRED/REPLACED AS NECESSARY. THE NAME AND TELEPHONE NUMBER OF THAT PERSON SHALL BE GIVEN TO THE ENGINEER, TO THE OWNER'S ENVIRONMENTAL AGENT AND THE TOWNS REPRESENTATIVES AT THE PRE-CONSTRUCTION MEETING.

3. THE CONTRACTOR SHALL PROVIDE EROSION AND SEDIMENT CONTROL MEASURES AT ALL CATCH BASINS SUBJECT TO SEDIMENT RUNOFF IN ACCORDANCE WITH THE DETAILS AND SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

4. EROSION AND SEDIMENT CONTROL PRACTICES MUST BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE AND BE MAINTAINED UNTIL PERMANENT STABILIZATION IS ESTABLISHED, EROSION AND SEDIMENT CONTROL MEASURES MUST BE INSTALLED IN ACCORDANCE WITH "THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL".

5. EROSION AND SEDIMENT CONTROL MEASURES MUST BE INSPECTED AT LEAST EVERY 7 CALENDAR DAYS AND AFTER EACH RAINFALL OF 0.5" OR GREATER IN A 24 HOUR PERIOD. ALL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES.

6. REQUIRED INSPECTION FORMS MUST BE COMPLETED AND MAINTENANCE RECORDS MUST BE KEPT ON-SITE IN A LOGBOOK THROUGHOUT CONSTRUCTION

7. THE CONTRACTOR IS RESPONSIBLE TO KEEP PUBLIC RIGHT-OF-WAY CLEAR OF SOIL AND DEBRIS AND IS RESPONSIBLE FOR ANY STREET CLEANING NECESSARY DURING THE COURSE OF THE PROJECT.

8. THE NATURAL STREAMBED MATERIAL USED IN RESTORATION OF THE TRENCH CROSSING OF THE CHANNEL SHALL BE CLEAN AND VOID OF SILT AND FINES.

9. THE CONTRACTOR IS RESPONSIBLE TO REMOVE EROSION AND SEDIMENT CONTROL MEASURES AFTER THE DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED.

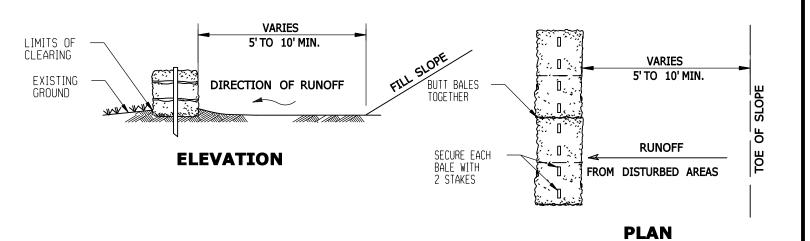
10. PUMPING OF SEDIMENT LADEN WATER FROM THE STREAM CROSSING AREA REQUIRES PUMP INTAKE AND OUTLET PROTECTION, PUMPING SETTLING BASIN OR PORTABLE SEDIMENT TANK.

ELEVATION

5'TO 10'MIN.

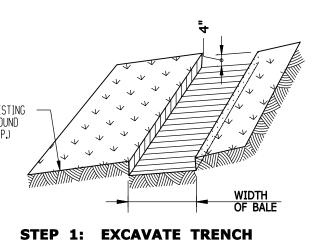
FLOW

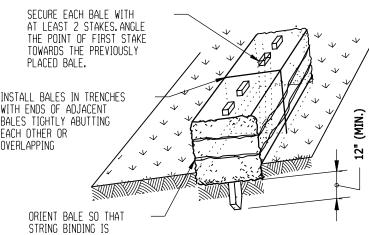
11. THE CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL THROUGHOUT CONSTRUCTION PERIOD AND UNTIL SITE IS PERMANENTLY STABILIZED.



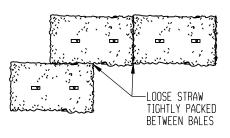
INSTALLATION OF A STRAW BALE BARRIER AT TOE OF FILL

NOT TO SCALE

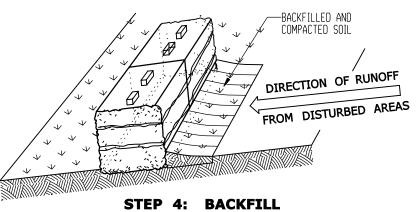




STEP 2: INSTALL BALES

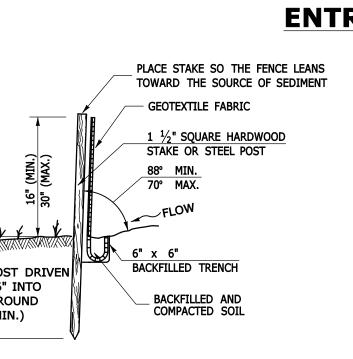


STEP 3: TIGHTLY PACK STRAW BETWEEN BALES (PLAN VIEW OF **BALES)**



SOIL AGAINST BALES

PROPERLY STAKED AND



SECTION

ENTRENCHED STRAW BALES 5' TO 10' MIN. NOT TO SCALE

POST DRIVEN GROUND

> POST AND FABRIC **INSTALLATION DETAIL**

SILT FENCE NOTE:

LIMITS OF

BACKFILLED

TRENCH

CLEARING

EXISTING

(UNDISTURBED)

GROUND

STAPLE

SPACING

6" (MAX.)

1. ALTERNATE PRE-ASSEMBLED EROSION/SEDIMENTATION CONTROL OPTIONS WILL BE ALLOWED AS LONG AS SPECIFIED DIMENSIONS ARE SATISFIED. FOLLOW MANUFACTURER'S INFORMATION FOR INSTALLATION

PLAN

SILT FENCE INSTALLATION

AT TOE OF FILL

SILT FENCE

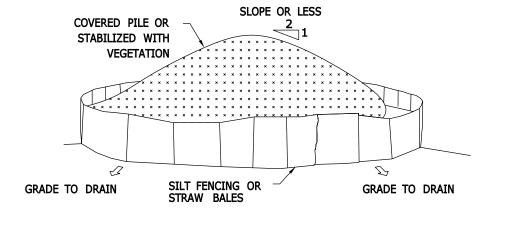
NOT TO SCALE

PROJECT PLAN REFERENCES:

1. TOWN OF WALLINGFORD, REHABILITATION OF BRIDGE NO. 04392 OVER THE QUINNIPIAC RIVER, WALLINGFORD, PROJECT NO. L148-0003 BY AI ENGINEERS, INC., 919 MIDDLE STREET MIDDLETOWN, CT 06457, FINAL DESIGN REVIEW -OCTOBER 22, 2022.

2. CONNECTICUT DEPARTMENT OF TRANSPORTATION, PLAN FOR REPLACEMENT OF BRIDGE AND APPROACHES ON TOELLES ROAD OVER THE QUINNIPIAC RIVER REHABILITATION OF BRIDGES IN THE TOWNS OF NORTH HAVEN & WALLINGFORD, STATE PROJECT #148-113, 1981.

3. COMPLETE PLANS OF THE EXISTING BRIDGE (STATE PROJECT #148-113) ARE AVAILABLE THROUGH THE CONNECTICUT DEPARTMENT OF TRANSPORTATION.



*SPECIAL ORDER

6" MIN. DEPTH

PIPE ROLLER SUPPORT DATA:

NOT TO SCALE

A ___

PUBLIC ROAD OR PAVEMENT AREA

 ∞

~~~

ENTRANCE WIDTH AS REQUIRED

10' MIN.

**PLAN** 

**MATERIAL STOCKPILING NOTES:** 1. AREA CHOSEN FOR STOCKPILING SHALL BE DRY AND STABLE

2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.

SECTION I

SECTION A

**ELEVATION** 

JOINING TWO ADJACENT SILT FENCE SECTIONS

3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH SILT FENCING OR STRAW BALES, THEN COVERED OR STABILIZED WITH VEGETATION.

## MATERIAL STOCKPILING DETAIL

NOT TO SCALE



**EcoDesign, LLC** SARGIS ASSOCIATES, INC.

**CERTIFIED SUBSTANTIALLY CORRECT:** 

| * PROKING | No. 17942  CENSEO MENTINE |
|-----------|---------------------------|
|           |                           |

FIELD VERIFY DIMENSIONS

TJB 04/12/2024

DRAFT ISSUED FOR REVIEW 04/15/24 | TJB/NMK Date Description Dw/Ck Revision/Status **EVERSURCE** REHABILITATION OF BRIDGE No. 04392 over QUINNIPIAC RIVER PROJECT No. 21C301 - WALLINGFORD

NMK 04/12/2024

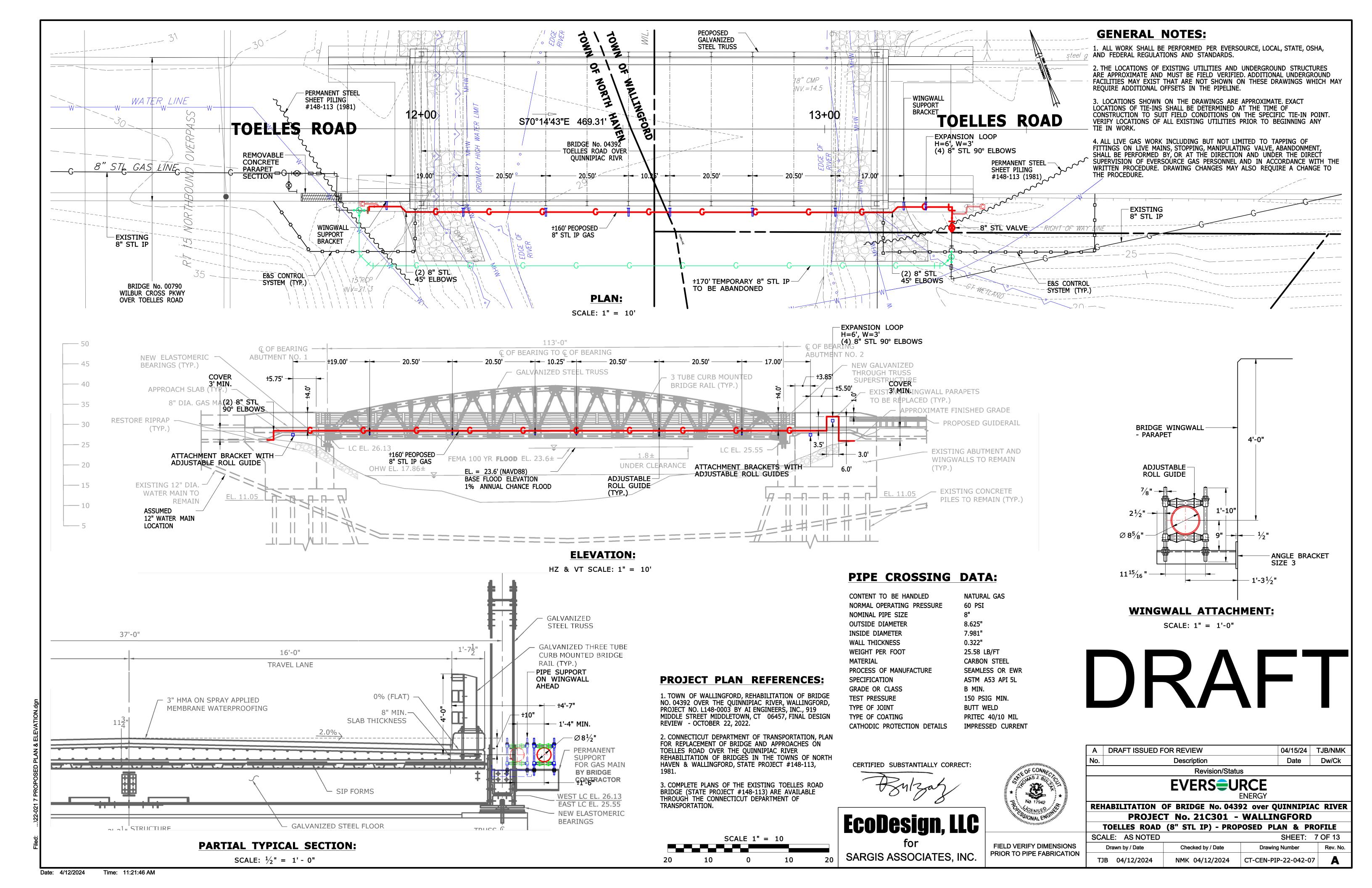
CT-CEN-PIP-22-042-06

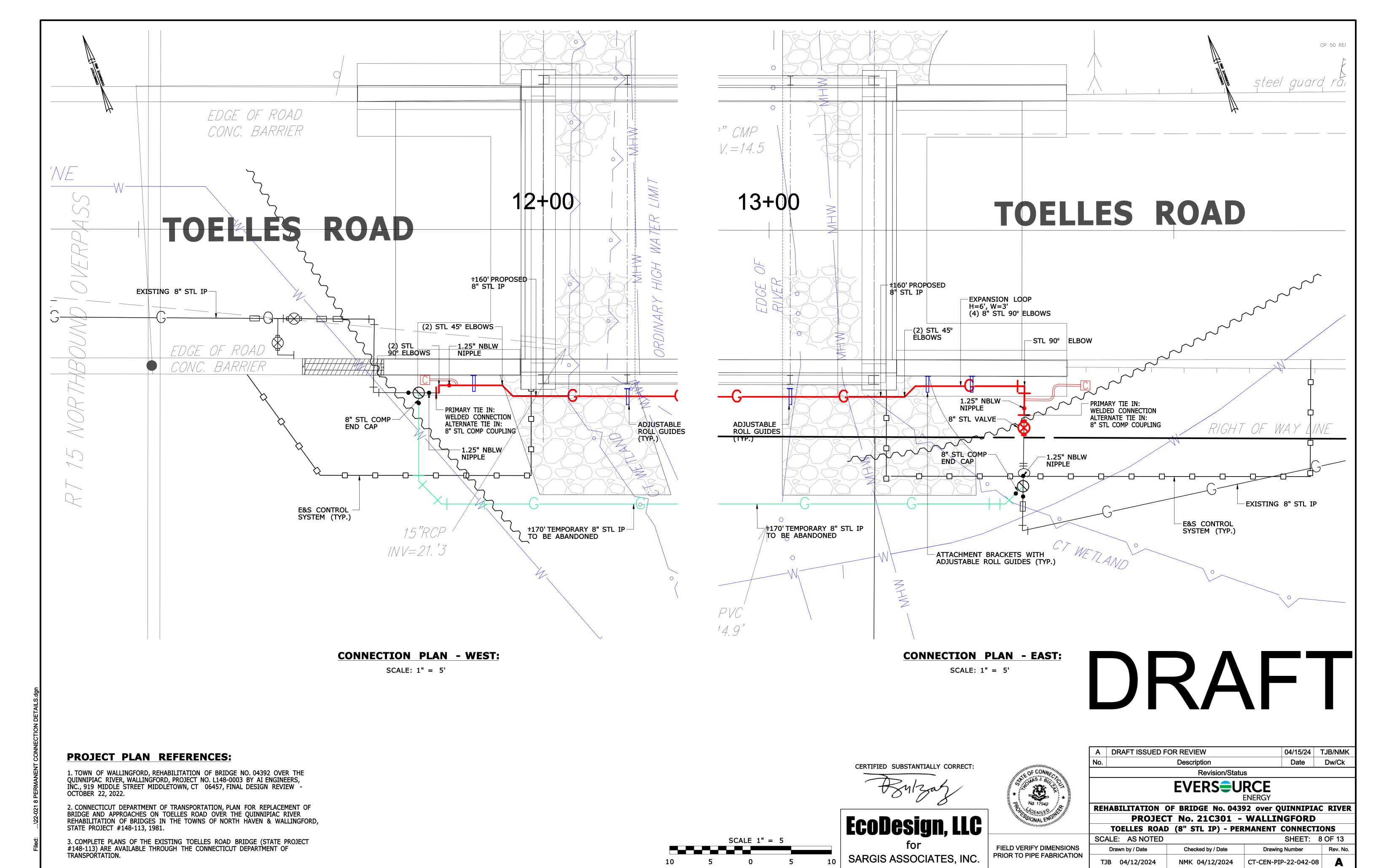
TOELLES RD, WALLINGFORD (8" STL IP) - TEMP. DETAILS SCALE: AS NOTED SHEET: 6 OF 13 Drawn by / Date Checked by / Date **Drawing Number** PRIOR TO PIPE FABRICATION

Date: 4/12/2024 Time: 11:10:47 AM

STRIPPED GROUND LIN

ORGANICS PRIOR TO





Date: 4/12/2024 Time: 11:25:06 AM

ADJUSTABLE ROLL GUIDE INCLUDES:

4 ADJUSTABLE SOCKETS 2 ROLL AXLES 2 VERTICAL THREADED RODS

12 HEX NUTS 2 CAST IRON ROLLS (OMIT WHEN ORDERING NON-CONDUCTIVE ROLLERS) SPECIFICATIONS MAY VARY - All Dimensions in inches

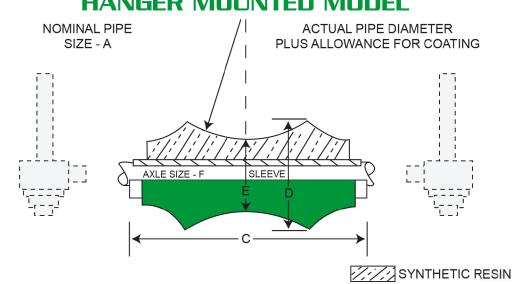
| Pipe<br>Size | A        | *B       | С     | Rod<br>Size<br><b>D</b> | E  | Socket<br>No. | Max.<br>Load<br>Ibs. | Wt.<br>lbs/ea. |
|--------------|----------|----------|-------|-------------------------|----|---------------|----------------------|----------------|
| 2            | 1 9/16   | 4 1/8    | 3/8   | 3/8                     | 12 | #1-3/8        | 600                  | 2.15           |
| 3            | 2 3/16   | 5 1/2    | 1/2   | 1/2                     | 14 | #2-1/2        | 700                  | 4.34           |
| 4            | 2 3/4    | 6 3/4    | 1/2   | 5/8                     | 18 | #3-1/2        | 750                  | 6.73           |
| 5            | 3 7/16   | 8 1/16   | 5/8   | 5/8                     | 18 | #3-5/8        | 750                  | 8.95           |
| 6            | 4        | 9 9/16   | 3/4   | 3/4                     | 24 | #4-3/4        | 1070                 | 14.59          |
| 8            | 5 1/4    | 11 15/16 | 7/8   | 7/8                     | 24 | #5-7/8        | 1350                 | 24.33          |
| 10           | 6 1/4    | 14 1/16  | 7/8   | 7/8                     | 30 | #5-7/8        | 1730                 | 27.7           |
| 12           | 7 7/16   | 15 13/16 | 1     | 7/8                     | 30 | #5-1          | 2400                 | 39.62          |
| 14           | 8 5/16   | 17 3/4   | 1 1/8 | 1                       | 36 | #6-1 1/8      | 3130                 | 57.61          |
| 16           | 9 3/8    | 19 3/4   | 1 1/4 | 1                       | 36 | #6-1 1/4      | 3970                 | 87.57          |
| 18           | 10 3/8   | 21 7/8   | 1 1/4 | 1                       | 42 | #6-1 1/4      | 4200                 | 99.54          |
| 20           | 11 1/2   | 24 1/4   | 1 1/4 | 1 1/4                   | 42 | #8-1 1/4      | 4550                 | 131.82         |
| 24           | 13 13/16 | 28 5/8   | 1 1/2 | 1 1/2                   | 42 | #9-1 1/2      | 6160                 | 219.74         |

\*Axle lengths may affect B dimension. Contact supplier before pre drilling holes.

LB&A, INC

3B

## NON-CONDUCTIVE PIPE ROLLER DIMENSIONS **HANGER MOUNTED MODEL**



HANGER RODS, NUTS, SOCKETS AND AXLE ARE DESCRIBED IN OUR PIPE HANGER CATALOG (IN INCHES)

STEEL SLEEVE

| MODEL<br>NUMBER                  | NOMINAL<br>PIPE SIZE - A | С                               | D                              | E                             | F                           |
|----------------------------------|--------------------------|---------------------------------|--------------------------------|-------------------------------|-----------------------------|
| 2 H                              | 2                        | 2 5/8                           | 1 1/4                          | <sup>13</sup> / <sub>16</sub> | 3/8                         |
| 2 <sup>1</sup> / <sub>2</sub> H* | 2 1/2                    | 3 1/4                           | 1 1/2                          | 7/8                           | 1/2                         |
| 3 H                              | 3                        | 3 3/4                           | 1 <sup>5</sup> / <sub>8</sub>  | 7/8                           | 1/2                         |
| 4 H                              | 4                        | 4 <sup>3</sup> / <sub>4</sub>   | 2                              | 1 1/2                         | 1/2                         |
| 5 H                              | 5                        | 5 <sup>13</sup> / <sub>16</sub> | 2 <sup>3</sup> / <sub>8</sub>  | 1 1/2                         | 5/8                         |
| 6 H                              | 6                        | 6 <sup>7</sup> / <sub>8</sub>   | 2 <sup>3</sup> / <sub>4</sub>  | 1 3/4                         | 3/4                         |
| 8 H                              | 8                        | 8 <sup>7</sup> / <sub>8</sub>   | 3 <sup>1</sup> / <sub>8</sub>  | 2 <sup>1</sup> / <sub>8</sub> | <sup>7</sup> / <sub>8</sub> |
| 10 H                             | 10                       | 11                              | 3 <sup>5</sup> / <sub>8</sub>  | 2 1/8                         | 7/8                         |
| 12 H                             | 12                       | 12 <sup>1</sup> / <sub>2</sub>  | 4                              | 2 1/8                         | 1                           |
| 14 H                             | 14                       | 14 ¹/₂                          | 4 1/2                          | 2 1/2                         | 1 ¹/s                       |
| 16 H                             | 16                       | 16 ¹/₄                          | 5                              | 2 <sup>5</sup> / <sub>8</sub> | 1 1/4                       |
| 18 H                             | 18                       | 18 ³/ <sub>8</sub>              | 5 <sup>9</sup> / <sub>16</sub> | 2 3/4                         | 1 1/4                       |
| 20 H                             | 20                       | 20 1/4                          | 5 <sup>3</sup> / <sub>4</sub>  | 3 1/2                         | 1 1/4                       |
| 24 H                             | 24                       | 24 1/4                          | 7 1/16                         | 4 1/8                         | 1 1/2                       |
|                                  | LA                       | RGER SIZES ON                   | N SPECIAL ORDI                 | ER                            |                             |

\*SPECIAL ORDER

### **Advantages and Benefits** of FRP Roll-On Shields:

 Easy to Install - Simply snap on and slide into place.

TOP OF PARAPET

- HOLES FOR  $\frac{7}{8}$ "
THREADED RODS

Angle

3/8" x 4"x4"

3/8" x 4"x4"

3/8" x 4"x4"

**ANGLE BRACKET** 

ATTACH TO PARAPET

The angle bracket is generally used on bridge side walls with limited space. Fabricated from

LB&A, INC

steel and available in hot dipped galvanized finish. Wedge anchors available for mounting.

W/HILTI ANCHOR BOLTS

 $\frac{1}{2}$ " KWIK BOLT 3 (TYP.)

1/2"x8"x8"

±18" AT CENTER OF

**EXPANSION LOOP** 

Max Load

Dimensions and finish can be changed upon request.

• The shields can be installed as an electrical insulator between buried

steel pipes that are run parallel or may

- touch each other.
- No tools, banding, welding or adhesives are required.
- Hanger disassembly not required on existing pipelines.
- 240° peripheral grip holds FRP Roll-On Shield in place even when clear of supporting structures.
- Roll-On Shields are durable, flexible and light weight for ease of handling, installation or storage. Their flexibility automatically compensates for most pipeline diameter variations including coating and coverings.
- Easily installed on existing pipelines; ideally suited for new construction.
- Significantly less expensive than insulated rollers.

### Roll-On Shields

## **Application Instructions:**

- 1. With two hands, simply snap the shield onto the pipe at desired location and slide into place.
- 2. Be sure shield is centered on the hanger to allow for any pipeline movement.
- 3. Observe all necessary safety precautions when working at high elevations.
- 4. Epi-SEAL® Epoxy Seam Sealer is sometimes used to seal the corresponding surfaces of Roll-On Shields and uncoated mains.



FRP Roll-On Shield's unique 240° peripheral design is shown on insulated pipe with clevis

### Roll-On Shield Sizes\*

| Shield<br>Nos. | Fit Pipe Diams.<br>(Nominal) | Shield<br>Length |
|----------------|------------------------------|------------------|
| 2              | 2"                           | 6"               |
| 4              | 4"                           | 6"               |
| 6              | 6"                           | 9"               |
| 8              | 8"                           | 12"              |
| 10             | 10"                          | 12"              |
| 12             | 12"                          | 12"              |
| 16             | 16"                          | 12"              |
| 18             | 18"                          | 12"              |
| 20             | 20"                          | 12"              |
| 24             | 24"                          | 12"              |
| 30             | 30"                          | 12"              |
| 36             | 36"                          | 12"              |
| *42            | *42"                         | 12"              |
| *48            | *48"                         | 12"              |
|                |                              |                  |

\* Special Order

Custom lengths and thicknesses available on a quote basis.

NOTE: Please see separate insert sheet for current FRP Roll-On Shield specifications, physical properties and dimensional data.

# Type "C" Station

Wires 1 & 2 should be the same color and wires 3 and 4 should be the same color but a different color than 1 & 2.

**Identification of Test Stations** 

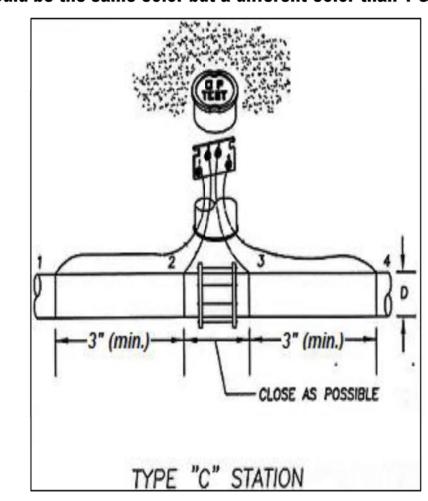
- CAST IRON COVER

ROUND OR SOUARE,

**BOTH ARE ACCEPTABLE** 

TERMINAL BLOCK

(OPTIONAL)



# TEST STATION TYPE "C"

NOT TO SCALE

# PIPE ROLLER SUPPORT DATA:

NOT TO SCALE

# **CORROSION PROTECTION NOTES:**

1. THE 8" STEEL MAIN SHALL BE FACTORY COATED PRITEC STEEL. AT ALL WELDS USE KLNN SHRINK SLEEVES.

2. AT EACH PIPE ROLLER USE A NON-CONDUCTIVE ROLLER AND A COMBINATION OF THE #220-240 FRP SHIELD TO PROVIDE MECHANICAL PROTECTION.

3. AT EACH ROLLER THE PIPE SHALL RECEIVE TRENTON #2 WAX TAPE AND PRIMER OVER THE PRITEC COATING.

4. AT EAST END OF THE BRIDGE INSTALL A TYPE C TEST STATION. OFFSET WIRES AND TS BOXES TO SIDE OF ROAD FOR SAFE TESTING.

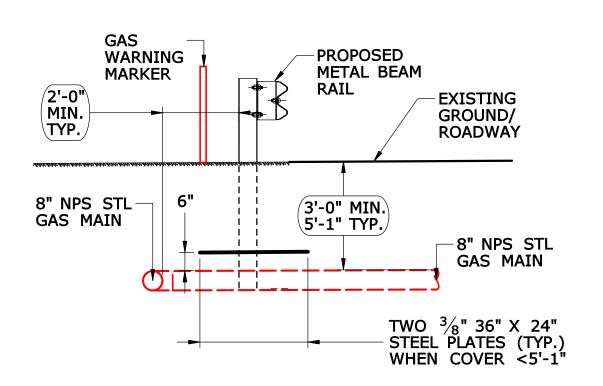
# **Assembled View** -TriView Cap attached to TriView Post with staples DETAIL VIEW A Decal Size: SCALE 1:4 14" X 2 7/8" Decals are printed separate & applied on the post after corona treatment Flex PLUS Rod" TriGrip Anchor-Foam Insert with holding grip slots **CUT SECTION VIEW B** SCALE 1:4

STAND ALONE **WARNING SIGN** NOT TO SCALE

# IN CASE OF **EMERGENCY** CALL 1-800-942-7529 BERLIN CT

**EVERS©**URCE

SIGN LEGEND NOT TO SCALE

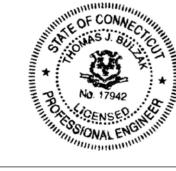


# PIPE CROSSING AT GUIDERAIL

SCALE:  $\frac{3}{8}$ " = 1'-0"

**CERTIFIED SUBSTANTIALLY CORRECT:** 

SARGIS ASSOCIATES, INC.



FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION

DRAFT ISSUED FOR REVIEW 04/15/24 TJB/NMK Date Dw/Ck Description Revision/Status

# **EVERSURCE**

REHABILITATION OF BRIDGE No. 04392 over QUINNIPIAC RIVER PROJECT No. 21C301 - WALLINGFORD

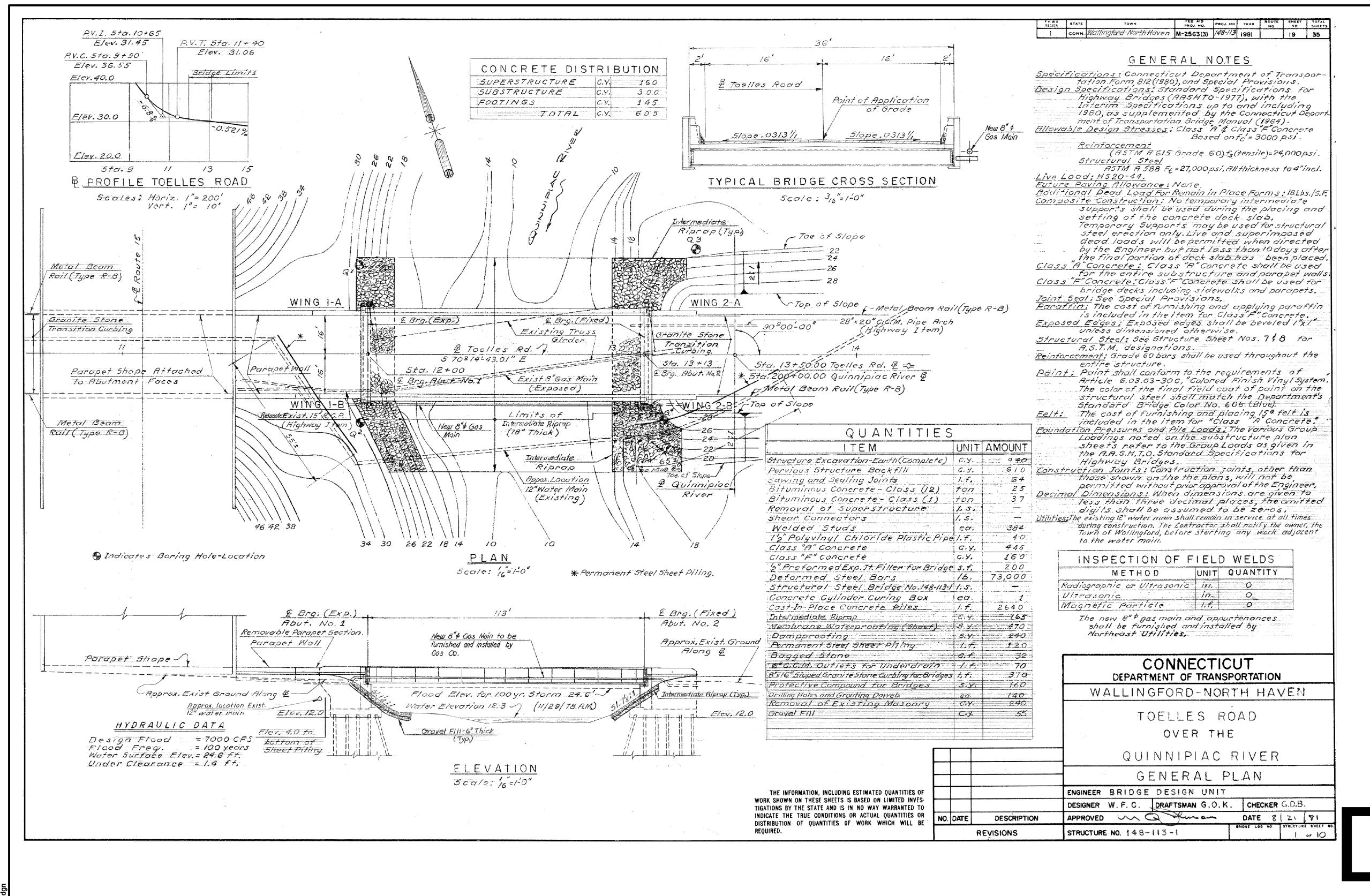
**TOELLES ROAD (8" STL IP) - PROPOSED DETAILS** SCALE: AS NOTED SHEET: 9 OF 13 Drawn by / Date Checked by / Date **Drawing Number** TJB 04/12/2024 NMK 04/12/2024 CT-CEN-PIP-22-042-09

# **PROJECT PLAN REFERENCES:**

1. TOWN OF WALLINGFORD, REHABILITATION OF BRIDGE NO. 04392 OVER THE QUINNIPIAC RIVER, WALLINGFORD, PROJECT NO. L148-0003 BY AI ENGINEERS, INC., 919 MIDDLE STREET MIDDLÉTOWN, CT 06457, AUGUST 1, 2022.

2. CONNECTICUT DEPARTMENT OF TRANSPORTATION, PLAN FOR REPLACEMENT OF BRIDGE AND APPROACHES ON TOELLES ROAD OVER THE QUINNIPIAC RIVER REHABILITATION OF BRIDGES IN THE TOWNS OF NORTH HAVEN & WALLINGFORD, STATE PROJECT #148-113, 1981.

3. COMPLETE PLANS OF THE EXISTING BRIDGE (STATE PROJECT #148-113) ARE AVAILABLE THROUGH THE CONNECTICUT DEPARTMENT OF TRANSPORTATION.



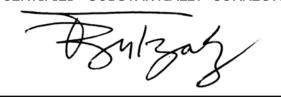
## **PROJECT PLAN REFERENCES:**

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2. CONNECTICUT DEPARTMENT OF TRANSPORTATION, PLAN FOR REPLACEMENT OF BRIDGE AND APPROACHES ON TOELLES ROAD OVER THE QUINNIPIAC RIVER REHABILITATION OF BRIDGES IN THE TOWNS OF NORTH HAVEN & WALLINGFORD. STATE PROJECT #148-113, 1981.

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**CERTIFIED SUBSTANTIALLY CORRECT:** 



**EcoDesign, LLC** 

SARGIS ASSOCIATES, INC.



FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Α   | DR/  | \FT I | SSUED | FOR | REVIE   | W   |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SCA | AI F | AS    | NOTEC | )   |         |     |

**EVERSURCE** 

Description

TATION OF BRIDGE No. 04392 over QUINNIPIAC RIVER ROJECT No. 21C301 - WALLINGFORD **ROAD (8" STL IP) - #148-113 (EXISTING) Sheet 1** 

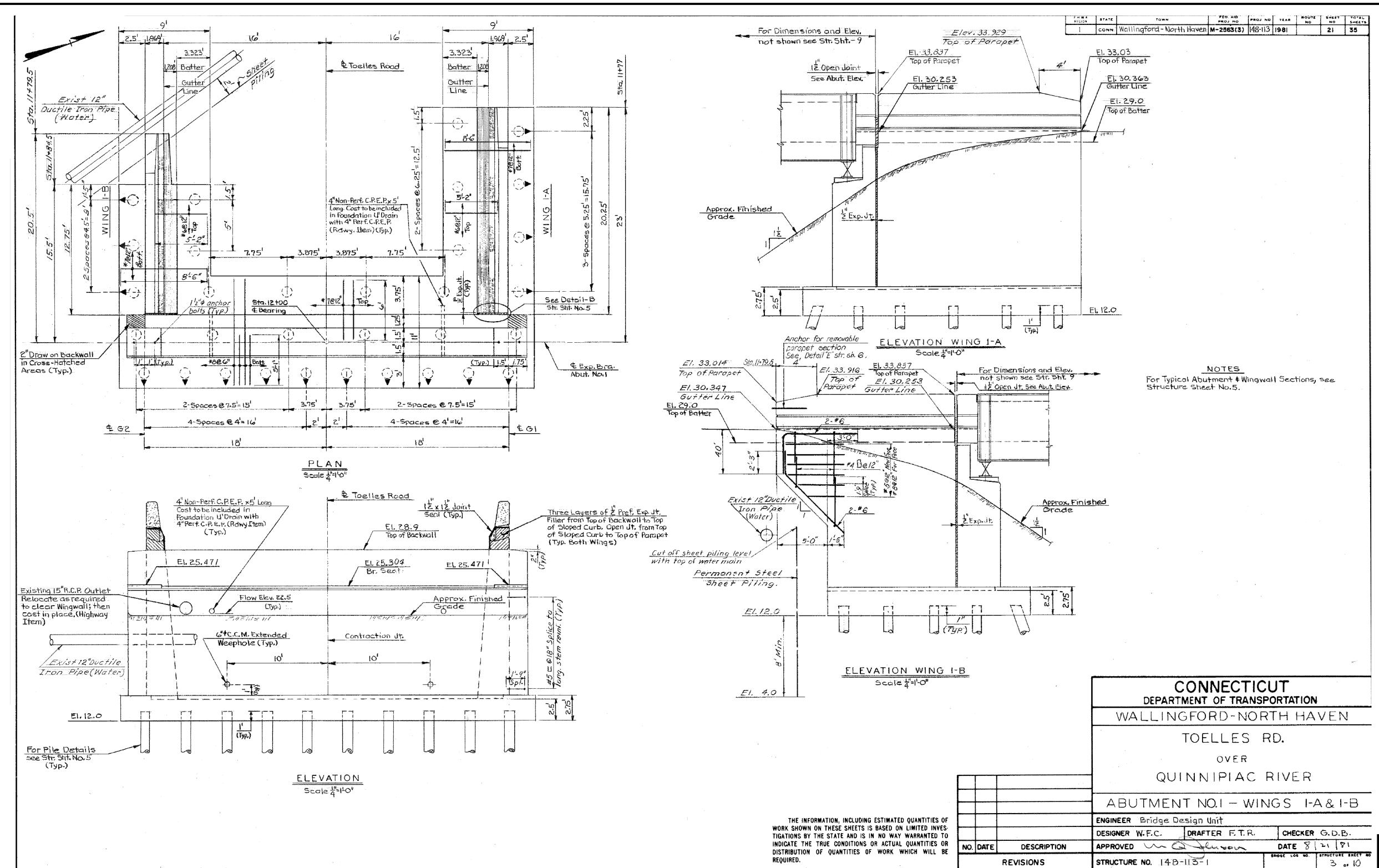
Revision/Status

SCALE: AS NOTED SHEET: 10 OF 13 Drawn by / Date Checked by / Date **Drawing Number** Rev. No. TJB 04/12/2024 NMK 04/12/2024 CT-CEN-PIP-22-042-10

04/15/24 | TJB/NMK

Dw/Ck

Date



# BAFT

# **PROJECT PLAN REFERENCES:**

1. TOWN OF WALLINGFORD, REHABILITATION OF BRIDGE NO. 04392 OVER THE QUINNIPIAC RIVER, WALLINGFORD, PROJECT NO. L148-0003 BY AI ENGINEERS, INC., 919 MIDDLE STREET MIDDLETOWN, CT 06457, FINAL DESIGN REVIEW - OCTOBER 22, 2022.

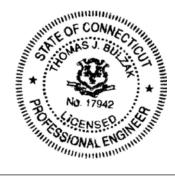
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3. COMPLETE PLANS OF THE EXISTING BRIDGE (STATE PROJECT #148-113) ARE AVAILABLE THROUGH THE CONNECTICUT DEPARTMENT OF TRANSPORTATION.

CERTIFIED SUBSTANTIALLY CORRECT:

# **EcoDesign, LLC**

for SARGIS ASSOCIATES, INC.



FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

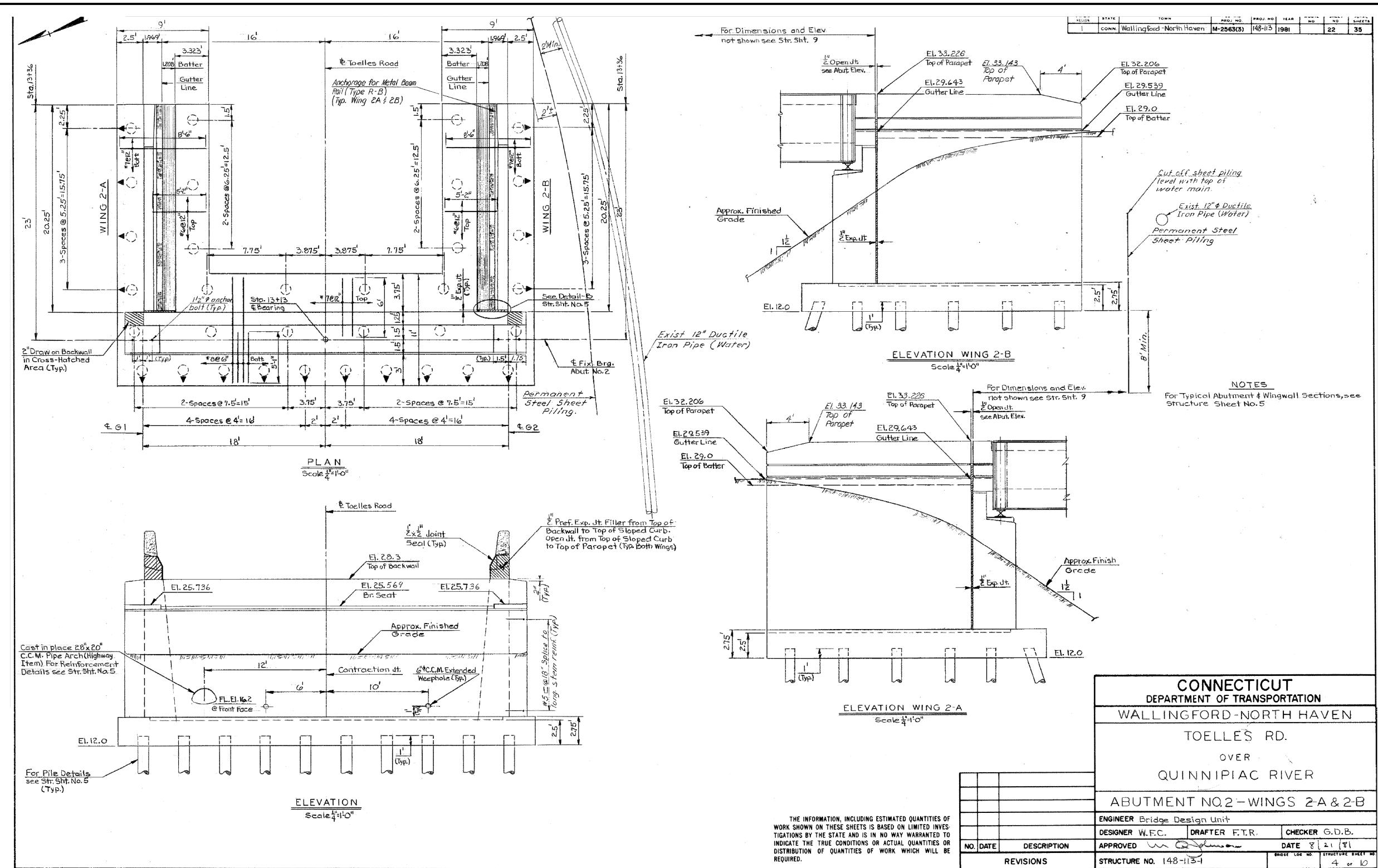
| Α                 | DRAFT ISSUED FOR REVIEW                | 04/15/24 | TJB/NMK  |  |  |  |  |  |
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|                   | Revision/Status                        |          |          |  |  |  |  |  |
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REHABILITATION OF BRIDGE No. 04392 over QUINNIPIAC RIVER
PROJECT No. 21C301 - WALLINGFORD
TOELLES ROAD (8" STL IP) - #148-113 (EXISTING) Sheet 3

 SCALE:
 AS NOTED
 SHEET:
 11 OF 13

 Drawn by / Date
 Checked by / Date
 Drawing Number
 Rev. No.

 TJB 04/12/2024
 NMK 04/12/2024
 CT-CEN-PIP-22-042-11
 A



# **PROJECT PLAN REFERENCES:**

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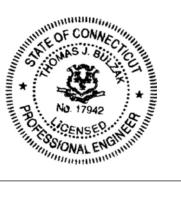
2. CONNECTICUT DEPARTMENT OF TRANSPORTATION, PLAN FOR REPLACEMENT OF BRIDGE AND APPROACHES ON TOELLES ROAD OVER THE QUINNIPIAC RIVER REHABILITATION OF BRIDGES IN THE TOWNS OF NORTH HAVEN & WALLINGFORD, STATE PROJECT #148-113, 1981.

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# **EcoDesign, LLC**

SARGIS ASSOCIATES, INC.



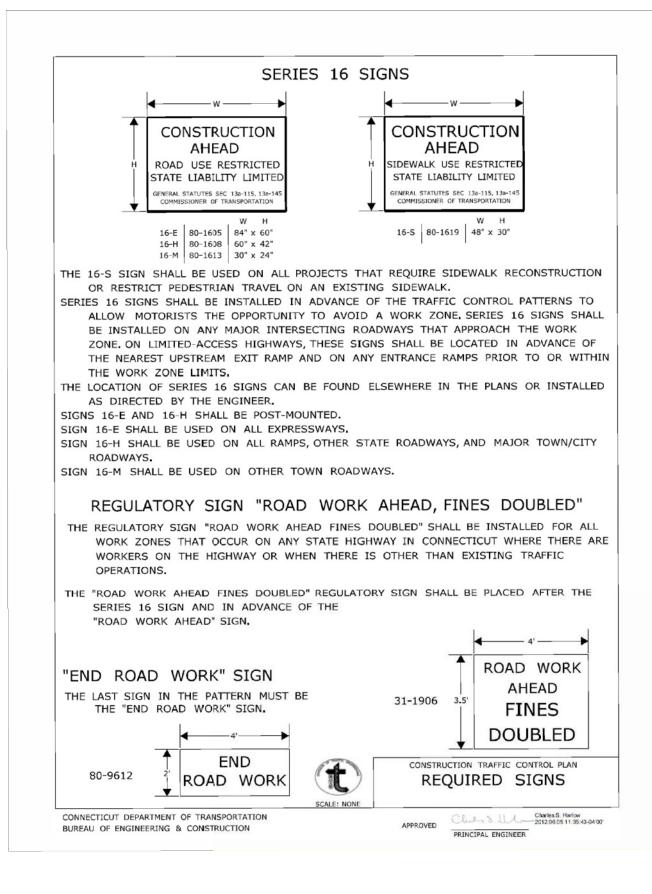
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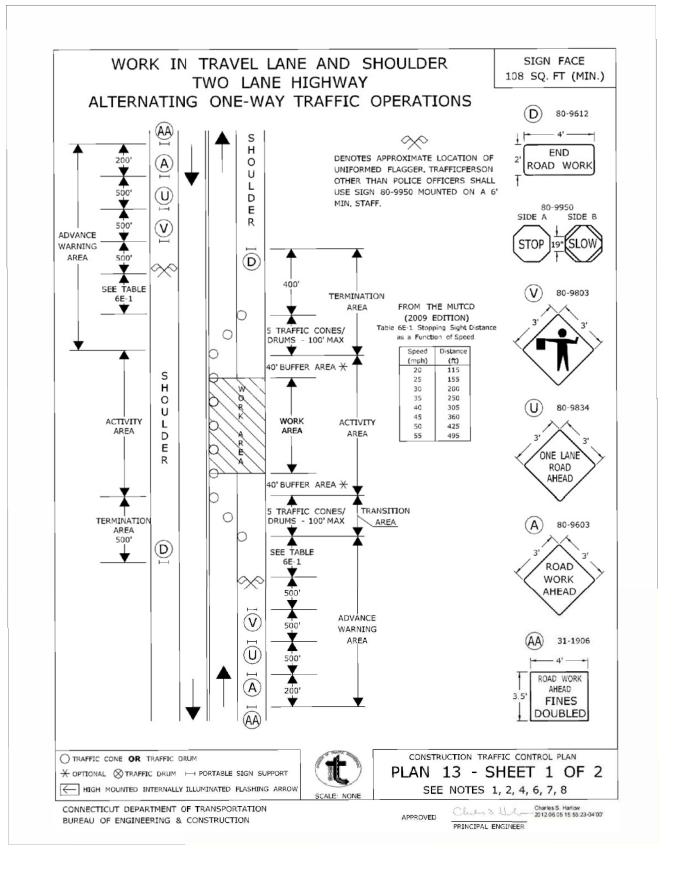
FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION

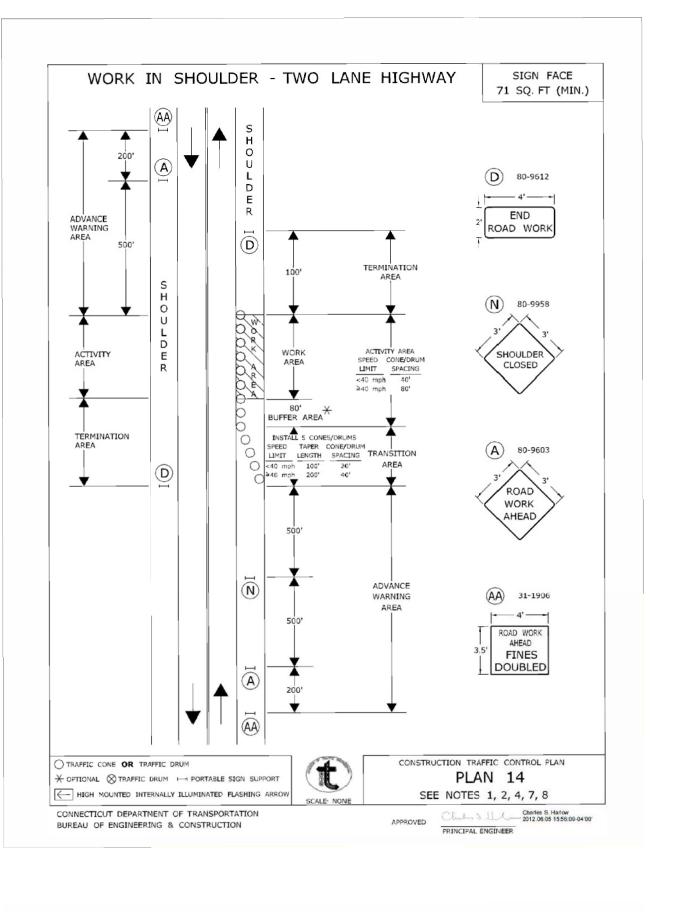
| Α   | DRAFT ISSUED FOR REVIEW | 04/15/24 | TJB/NMK |
|-----|-------------------------|----------|---------|
| No. | Description             | Date     | Dw/Ck   |
|     | Revision/Status         |          |         |
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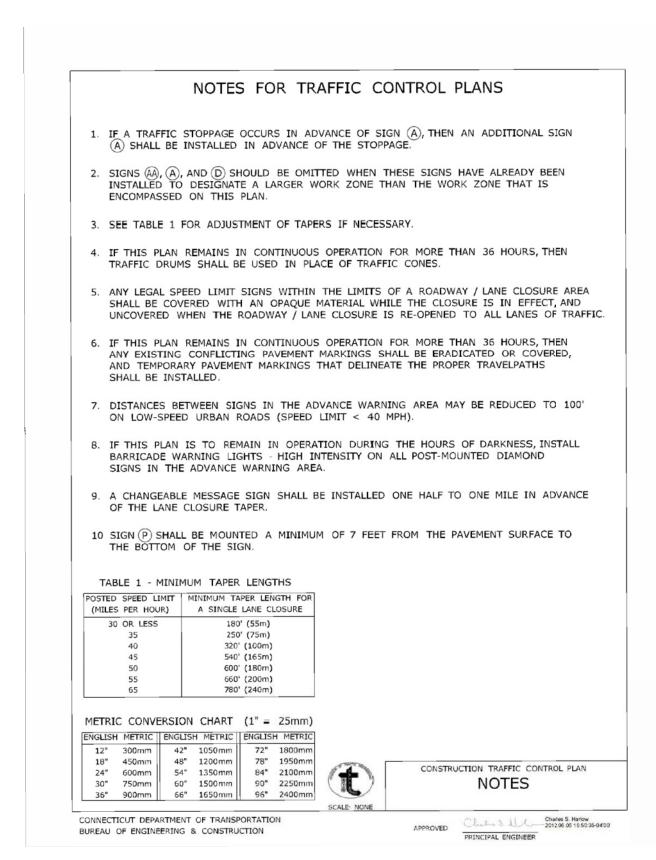
EHABILITATION OF BRIDGE No. 04392 over QUINNIPIAC RIVER PROJECT No. 21C301 - WALLINGFORD TOELLES ROAD (8" STL IP) - #148-113 (EXIST.) Sheet 4

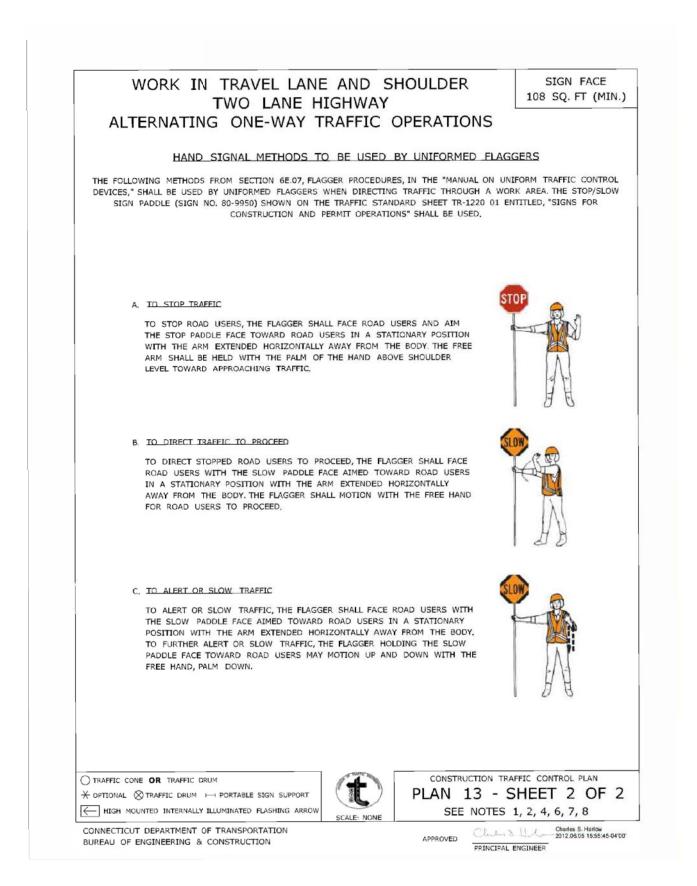
CALE: AS NOTED SHEET: 12 OF 13 Drawn by / Date Checked by / Date **Drawing Number** TJB 04/12/2024 NMK 04/12/2024 CT-CEN-PIP-22-042-12

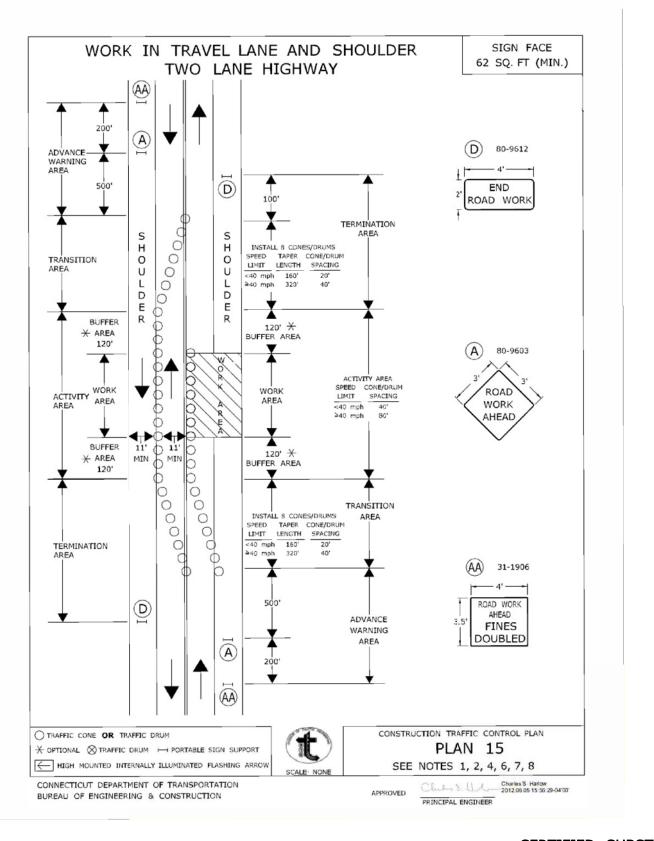












# **TRAFFIC CONTROL NOTES:**

- 1. ALL VEHICULAR TRAFFIC ON TOELLES ROAD SHALL BE ADEOUATELY PROTECTED THROUGH THE USE OF APPROPRIATE TRAFFIC CONTROL PATTERNS AND DEVICES.
- 2. DURING CONSTRUCTION ON TOELLES ROAD THE CONTRACTOR SHALL EMPLOY TYPICAL CONSTRUCTION TRAFFIC CONTROL PLANS 13 THROUGH 15 WITH ASSOCIATED TEMPORARY SIGNING.
- 3. TRAFFIC CONTROL DEVICES ON TOELLES ROAD SHALL BE LOCATED AT SPACING FOR SPEED LIMIT LESS THAN 40 MPH.

# PROJECT PLAN REFERENCES:

- 1. TOWN OF WALLINGFORD, REHABILITATION OF BRIDGE NO. 04392 OVER THE QUINNIPIAC RIVER, WALLINGFORD, PROJECT NO. L148-0003 BY AI ENGINEERS, INC., 919 MIDDLE STREET MIDDLETOWN, CT 06457, FINAL DESIGN REVIEW - OCTOBER 22, 2022.
- 2. CONNECTICUT DEPARTMENT OF TRANSPORTATION, PLAN FOR REPLACEMENT OF BRIDGE AND APPROACHES ON TOELLES ROAD OVER THE QUINNIPIAC RIVER REHABILITATION OF BRIDGES IN THE TOWNS OF NORTH HAVEN & WALLINGFORD, STATE PROJECT #148-113, 1981.
- 3. COMPLETE PLANS OF THE EXISTING BRIDGE (STATE PROJECT #148-113) ARE AVAILABLE THROUGH THE CONNECTICUT DEPARTMENT OF TRANSPORTATION.

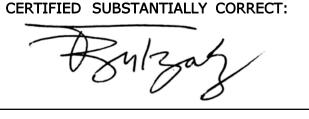
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04/15/24 | TJB/NMK

Rev. No.

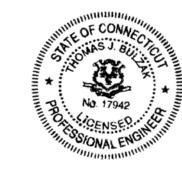
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CT-CEN-PIP-22-042-13



**EcoDesign. LLC** 

SARGIS ASSOCIATES, INC.



FIELD VERIFY DIMENSIONS Drawn by / Date PRIOR TO PIPE FABRICATION

TJB 04/12/2024

No. Date Dw/Ck Description Revision/Status **EVERSURCE** REHABILITATION OF BRIDGE No. 04392 over QUINNIPIAC RIVER PROJECT No. 21C301 - WALLINGFORD TOELLES ROAD (8" STL IP) - TCP SCALE: NOT TO SCALE SHEET: 13 OF 13

Checked by / Date

NMK 04/12/2024

Time: 11:44:32 AM Date: 4/12/2024