

OCTOBER 25, 2023

REPLACEMENT OF BRIDGE NO. 07001  
MICHAEL'S WAY OVER WEST BRANCH SAUGATUCK RIVER  
TOWN OF WESTON, CT  
FEDERAL PROJECT NO. 6157(012)  
STATE PROJECT NO. 0157-0088

**ADDENDUM NO. 01 SUMMARY**

**DESCRIPTION OF CHANGE**

The work under this addendum includes the following:

1. Response to questions received through 10/24/2023
2. Revisions resultant from questions received.

**SPECIAL PROVISIONS**

NEW SPECIAL PROVISIONS

- None

REVISED SPECIAL PROVISIONS

- None

DELETED SPECIAL PROVISIONS

- None

**PLANS**

NEW PLANS

- None

REVISED PLANS

The following plan sheets are hereby replaced with the like numbered Plan Sheets appended with ".A1"

- 04.02
- 04.10
- 04.20

DELETED PLANS

- None

**CONTRACT ITEMS**

NEW CONTRACT ITEMS

- None

REVISED CONTRACT ITEMS

- None

## DELETED CONTRACT ITEMS

- None

## **QUESTIONS AND RESPONSES**

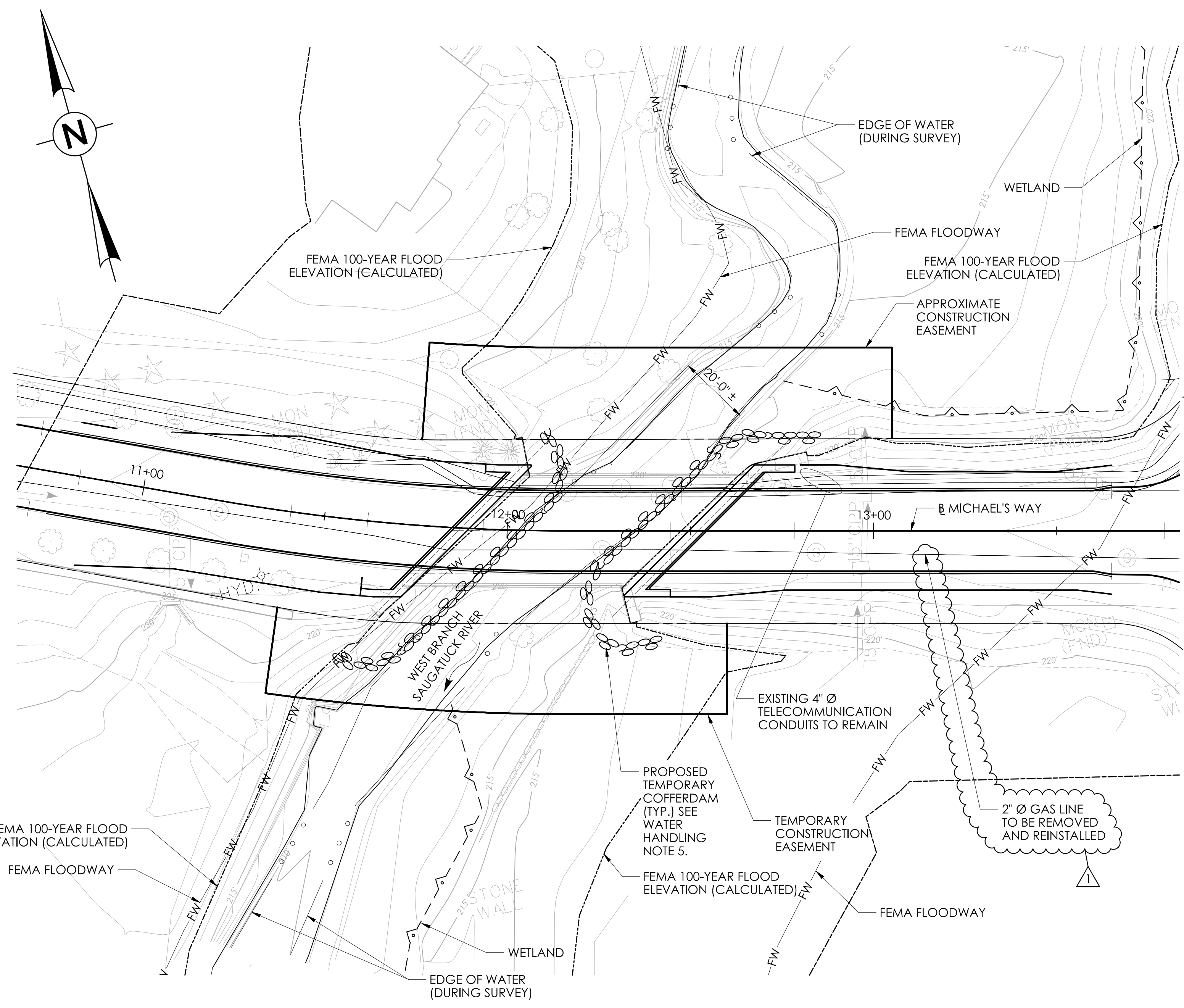
### Question #1:

Sheets 4.02, 4.10 and 4.20 of the contract drawings indicate that the 2" diameter gas main is to remain at its current location during construction. Pages 14 and 15 of the special provisions (Utility work schedule – Southern Connecticut Gas) state this line is to be abandoned prior to the start of construction and then reinstalled on the new superstructure. Please clarify

### Response:

The gas line is to be removed and reinstalled per Pages 14 & 15 of the Special Provisions. See the Revised Sheets 4.02, 4.10 and 4.20 and the Special Provisions for further information.





**WATER HANDLING PLAN**  
SCALE: 1" = 20'

**WATER HANDLING NOTES:**

1. THE CONTRACTOR SHALL DESIGN THE TEMPORARY COFFERDAMS AND SUBMIT MEANS AND METHODS OF HANDLING WATER TO THE ENGINEER FOR APPROVAL.
2. THE COST OF THE TEMPORARY COFFERDAMS, TEMPORARY BYPASS PIPES, TEMPORARY DRAINAGE PIPES, STREAM DIVERSION STRUCTURES, PUMPS, AND ANY OTHER NECESSARY INCIDENTAL APPURTENANCES REQUIRED TO HANDLE THE WATER SHALL BE INCLUDED IN THE COST OF THE ITEM "COFFERDAM AND DEWATERING".
3. ALL WATER PUMPED FROM WITHIN THE TEMPORARY COFFERDAMS TO BE HANDLED THROUGH THE TEMPORARY SEDIMENTATION BASIN. THE SMALL TEMPORARY SEDIMENTATION BASIN AND PUMP(S) SHALL BE SIZED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL. COST OF TEMPORARY SEDIMENTATION BASIN SHALL BE INCLUDED IN THE COST OF ITEM "HANDLING WATER".
4. TOP OF TEMPORARY WATER HANDLING COFFERDAM SHALL BE MINIMUM EL. 217.55.
5. THE CLEAR SPAN BETWEEN COFFERDAMS SHALL BE 20'

**SUGGESTED CONSTRUCTION SEQUENCE:**

1. IMPLEMENT THE DETOUR (SEE DETOUR PLAN).
2. INSTALL SEDIMENTATION CONTROL SYSTEM AND CLEAR AND GRUB SITE AS REQUIRED.
3. INSTALL TEMPORARY COFFERDAMS AND WATER HANDLING.
4. INSTALL TEMPORARY UTILITY SUPPORT SYSTEM. UTILITIES ARE TO REMAIN IN PLACE FOR THE DURATION OF CONSTRUCTION. THE CONTRACTOR SHALL TAKE PROPER PRECAUTIONS DURING DEMOLITION AND BRIDGE CONSTRUCTION NOT TO DAMAGE EXISTING UTILITIES.
5. EXCAVATE AND DEMOLISH EXISTING BRIDGE STRUCTURE, WHICH INCLUDES COMPLETE REMOVAL OF THE EXISTING SUPERSTRUCTURE, SUBSTRUCTURES, AND STEEL PILES.
6. CONSTRUCT SEDIMENTATION BASINS AND DEWATER SITE AS REQUIRED.
7. INSTALL MICROPILES AND PERFORM MICROPILE TESTS AS REQUIRED.
8. CONSTRUCT PROPOSED ABUTMENT PILE CAPS AND WINGWALLS TO ELEVATIONS SHOWN.
9. ESTABLISH GRADES IN THE STREAMBED AND ALONG BANKS. NOTE THAT THE ABUTMENTS ARE NOT TO BE BACKFILLED UNTIL THE DECK CONSTRUCTION IS COMPLETE AND HAS CURED. STOCKPILE MATERIAL UNDER THE BRIDGE AS REQUIRED PRIOR TO THE SUPERSTRUCTURE INSTALLATION.
10. INSTALL STRUCTURAL STEEL PLATE GIRDERS AND DIAPHRAGMS.
11. TRANSFER UTILITIES FROM THE TEMPORARY UTILITY SUPPORT STRUCTURES TO THEIR PERMANENT LOCATIONS. REMOVE TEMPORARY UTILITY SUPPORT STRUCTURES.
12. CONSTRUCT DECK, END DIAPHRAGMS, AND WINGWALLS PER THE DECK PLACEMENT SEQUENCE PROVIDED.
13. BACKFILL ABUTMENTS AND FINALIZE GRADES IN THE STREAM BED AND ALONG BANKS. REMOVE ALL WATER HANDLING.
14. CONSTRUCT SIDEWALKS, END BARRIERS, AND APPROACH SLABS.
15. INSTALL METAL BRIDGE RAIL - FOUR RAIL.
16. FINALIZE ROADWAY ITEMS AND OPEN BRIDGE TO TRAFFIC.

LEGEND	
	FEMA FLOODWAY
	LIMITS OF FEDERAL AND STATE WETLANDS
	LIMITS OF ORDINARY HIGH WATER
	EDGE OF WATER
	FEMA 100-YR. FLOOD ELEVATION (CALCULATED) LIMIT
	TEMPORARY COFFERDAM

**NOTES**

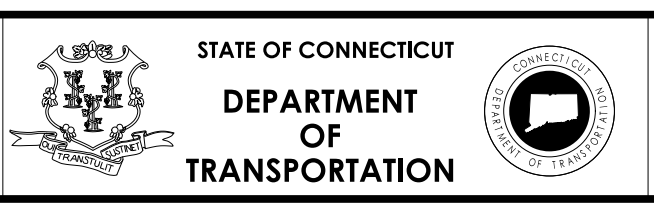
1. UNCONFINED INSTREAM WORK WITHIN THE WATERCOURSE IS RESTRICTED TO THE PERIOD FROM JUNE 1 TO SEPTEMBER 30, INCLUSIVE.

TEMPORARY HYDRAULIC SUMMARY DATA	
AVERAGE DAILY FLOW (ADF)	12.0 CFS
AVERAGE SPRING FLOW (ASF)	23.0 CFS
2 - YEAR DESIGN FREQUENCY	564 CFS
TEMPORARY DESIGN SURFACE ELEVATION (UPSTREAM)	216.55 FEET
TEMPORARY DESIGN SURFACE ELEVATION (DOWNSTREAM)	214.82 FEET

REV.	DATE	DESCRIPTION
1	10/24/23	GAS LINE REVISION

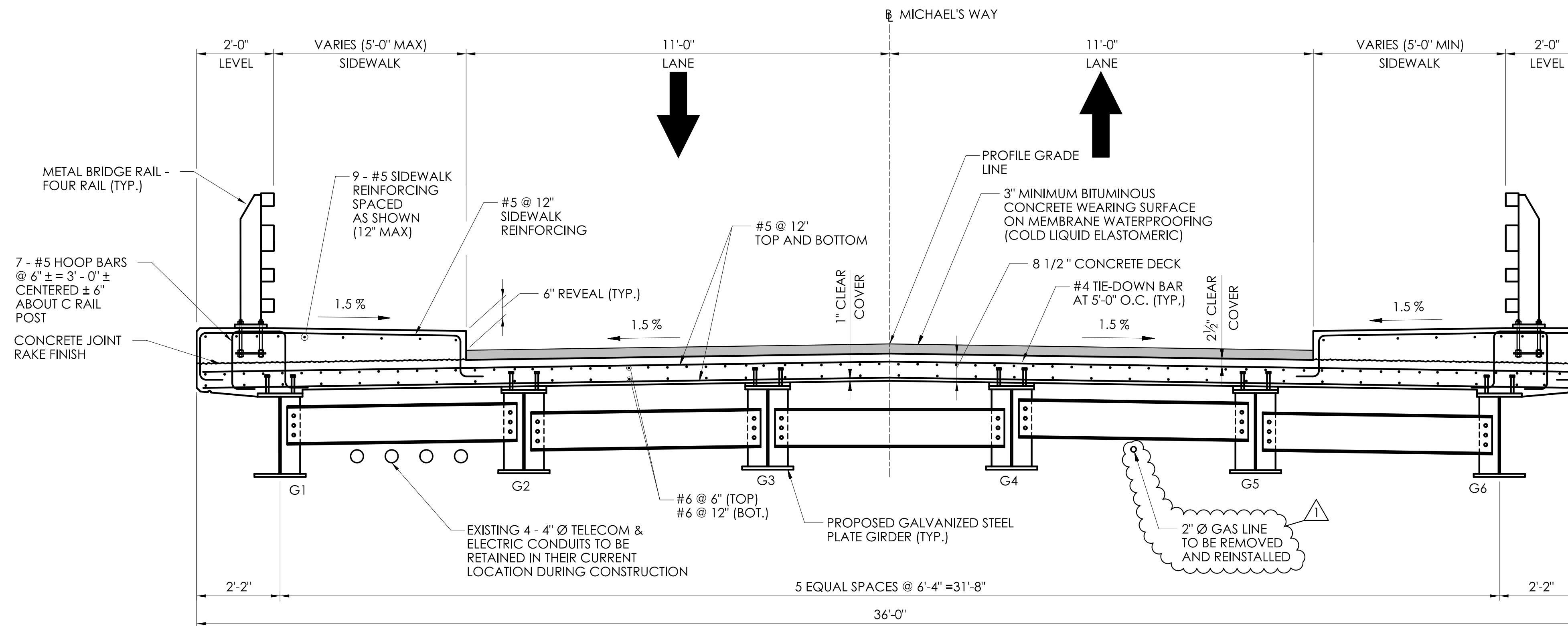
DESIGNER/DRAFTER: DRW/SLM  
CHECKED BY: DMK

SIGNATURE/ BLOCK:



PROJECT NUMBER: 0157-0088  
PROJECT DESCRIPTION: REPLACEMENT OF BRIDGE NO. 07001 MICHAEL'S WAY OVER WEST BRANCH SAUGATUCK RIVER  
TOWN(S): WESTON  
DRAWING TITLE: WATER HANDLING PLAN

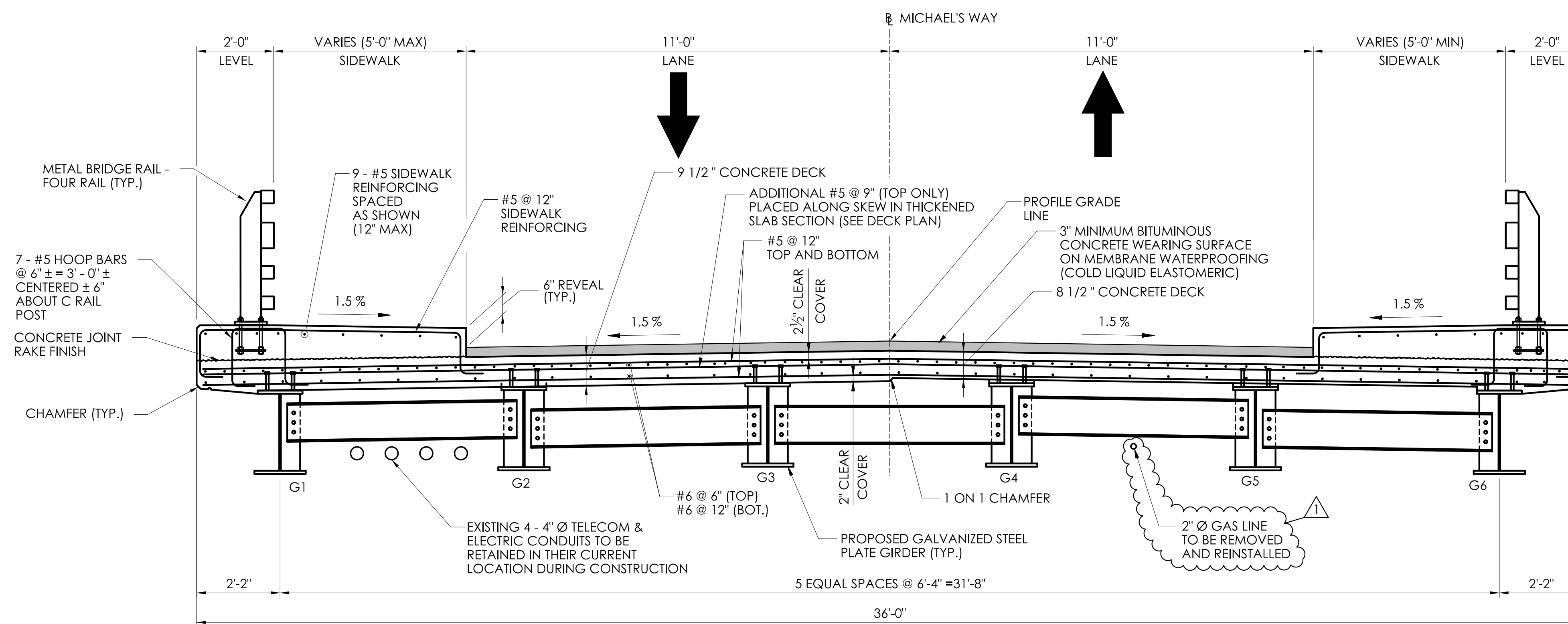
DRAWING NO. S-10  
SHEET NO. 04.10.A01



**DECK REINFORCEMENT SECTION**

SCALE: 1/2" = 1'-0"

NOTE: TIE DOWN BARS NOT SHOWN FOR CLARITY



**DECK REINFORCEMENT AT THICKENED SLAB SECTION**

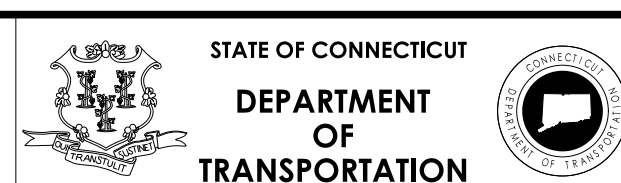
SCALE: 1/2" = 1'-0"

NOTE: TIE DOWN BARS NOT SHOWN FOR CLARITY

REV.	DATE	DESCRIPTION
1	10/24/23	GAS LINE REVISION
2		REVISION DESCRIPTION

DESIGNER/DRAFTER: DRW/SLM    CHECKED BY: DMK

SIGNATURE/BLOCK:



PROJECT NUMBER: 0157-0088  
 PROJECT DESCRIPTION: REPLACEMENT OF BRIDGE NO. 07001 MICHAEL'S WAY OVER WEST BRANCH SAUGATUCK RIVER  
 TOWN(S): WESTON  
 DRAWING TITLE: DECK REINFORCEMENT SECTIONS

DRAWING NO. S-20  
 SHEET NO. 04.20.A01