



PUBLIC WORKS AGENCY

P.O. Box 1070 / 777 N. Colusa Street
Willows, CA 95988

Donald Rust, Director

Airports
Engineering
Flood Control
Roads & Bridges
Solid Waste
Surveyor

ADDENDUM 2

to

CONSTRUCTION ON COUNTY ROAD 67
BRIDGE REPLACEMENT AT BRANCH HOWARD SLOUGH
BRIDGE NO. 11C-0015, BRLO 5911 (048)
BRIDGE NO. 11C-0016, BRLO 5911 (047)
BRIDGE NO. 11C-0017, BRLO 5911 (049)
BRIDGE NO. 11C-0179, BRLO 5911 (050)

Bid Opening Date: 2:00 p.m. November 16, 2023

November 8, 2023

To All Bidders:

The Following is Addendum 2 to Contract Documents for the Four Bridge Replacement Projects On County Road 67 at Branch Howard Slough. Please acknowledge receipt of this addendum on your bid. The following text summarizes the changes to the Contract Documents.

REVISIONS – Revised pages marked “**Revised per Addendum 2**”

1. BRIDGE 16 PLAN SET

- Construction Details C-3, Sheet 9 of 38
 - Deleted pile at southeast wing wall
- General Plan, Sheet 22 of 38
 - Deleted pile at southeast wing wall
- Deck Contours, Sheet 23 of 38
 - Revised Contour Elevation
 - From 73.25’ to 73.75’
- Abutment Details No. 1, Sheet 26 of 38
 - Omitted from plan set released for bidding

2. BRIDGE 17 PLAN SET

- Foundation Plan, Sheet 21 of 33
 - Corrected erroneous value for Abutment 5 Design Service Loading
 - From 900 kips to 90 kips

3. NOTICE TO BIDDERS

- Page number 2
 - Corrected working days text to match numeric value
 - 200 working Days total
 - Corrected liquidated damages text to match numeric value
 - \$9,500



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4. RFI

- Is there any way to verify what the spec is for the geosynthetic reinforcement for the embankment?
 - The subgrade enhancement geotextile shall be Class B1. Please refer to CalTrans Standard Specifications 2022 Section 96-1.020 SUBGRADE ENHANCEMENT GEOTEXTILE.
- On page 2 of the Notice to Bidders it says: COMPLETION OF WORK: The Bidder is referred to Section 8, "Prosecution and Progress," of these Special Provisions which allows one hundred twenty-five (200) working days for completion of the work. Liquidated damages of four thousand eight hundred dollars (\$9,500) per calendar day will be assessed for each day of delay in completion of the work. Please clarify the working days and dollars for liquidated damages per calendar days.
 - Please refer to revised Page 2 of the Notice to Bidders, attached.
 - 200 working days total
 - \$9,500 per day.
- It looks like there might be a pile at Abutment 9 Southeast Wingwall of Bridge No. 11C0016. If there is, you might want to revise the quantity for that bridge in the addendum.
 - The pile shown at the southeast wingwall was erroneous and has been removed from relevant plan sheets. See revised plan sheet.
- Design Service Load for Abutment 5 at Bridge No. 11C0017 appears to be incorrect.
 - This value is incorrect. Design Service Load for abutment 5 is 90 kips. We will issue a revised plan sheet via addendum as soon as possible. See revised plan sheet.
- Also, please check 4-Scale elevation at East end of Bridge No. 11C0016 (73.25 looks like it should be 73.75).
 - That is incorrect. Elevation contour should be 73.75'. We will issue a revised sheet via addendum as soon as possible. See revised plan sheet.
- Please provide plan sheet 26 for Bridge No. 11C0016.
 - See attached plan sheet.

5. ATTACHMENTS TO ADDENDUM 2

- Revised Notice to Bidders Page number 2
- Revised Plan Sheets Bridge 16
 - Construction Details C-3, Sheet 9 of 38
 - General Plan, Sheet 22 of 38
 - Deck Contours, Sheet 23 of 38
 - Abutment Details No. 1, Sheet 26 of 38
- Revised Plan Sheet Bridge 17
 - Foundation Plan, Sheet 21 of 33

Notice to Bidders

PRE-BID INFORMATION AND COMMUNICATIONS: A mandatory pre-bid meeting has been scheduled on Wednesday, November 1, 2023 at 10:00 a.m. in the Public Works Agency Conference Room located at 777 North Colusa Street, Willows, California. Bidders shall address any questions in writing to the County. The County will post the questions received, along with written responses, to the County website, [<https://www.countyofglenn.net/govt/bids>]. **It is the responsibility of the bidder to check the County website to review the questions and responses.** Except for questions that might render the award of this contract invalid, the County will not respond to any questions submitted after 5:00 p.m. on Wednesday, November 8, 2023. Any oral responses to questions are not binding on the County. Any communications relative to this project should be directed in writing to:

Donald Rust
Public Works Agency
777 North Colusa Street
Willows, CA 95988
engineer@countyofglenn.net

CONTRACT DOCUMENTS: Plans, specifications, proposal forms, regulatory permits, and reduced plans for bidding this project may be examined or obtained at the County of Glenn Public Works Agency, 777 North Colusa Street, Willows, California, 95988, until 5:00 P.M. weekdays or by calling (530) 934-6530. A nonrefundable charge of \$150 will be made for each set of specifications and half size plans. A non-refundable charge of \$75 will be made for each set of full size plans.

For an electronic version of this Bid Book, go to: [<https://www.countyofglenn.net/govt/bids>]. Bidders must submit bids on proposal forms purchased from the Public Works Agency or downloaded from this site.

UNFAIR ADVANTAGE: No contractor which has provided design services for a project shall be eligible to submit a proposal for the contract to construct the project or to subcontract for any portion of the work. The County reserves the right to determine eligibility on a case-by-case basis.

COMPLETION OF WORK: The Bidder is referred to Section 8, "Prosecution and Progress," of these Special Provisions which allows ~~one hundred twenty-five~~ **two hundred** (200) working days for completion of the work. Liquidated damages of ~~four thousand eight hundred~~ **nine thousand five hundred** dollars (\$9,500) per calendar day will be assessed for each day of delay in completion of the work.

QUANTITY OF WORK: The quantities shown in the proposal forms are approximate only and given as a basis for the comparison of bids. The County of Glenn does not expressly or by implication assert that the actual amount of work will correspond herewith and reserves the right to increase or decrease the amount of any portion of the work or to omit portions of the work as may be deemed necessary.

BID SECURITY: All bids shall be accompanied by cash or a certified or cashier's check payable to the order of Glenn County Public Works Agency amounting to ten percent (10%) of the bid or a bond in said amount payable to the County as liquidated damages. Said amount shall be retained by, or said bond shall become payable to, the County if the bidder depositing same does not, within ten (10) working days after written notice that the contract has been awarded to it, enter into a contract with the County.

BONDS: The successful bidder shall furnish a payment bond and a performance bond, each in the amount of one hundred (100) percent of the contract price.

ADDENDUMS TO BID DOCUMENTS: The Engineer may issue addendums to the project plans and specifications as he deems necessary to modify the project documents prior to opening of bids. Addendums will be in writing and may modify the content of the project documents as well as the date

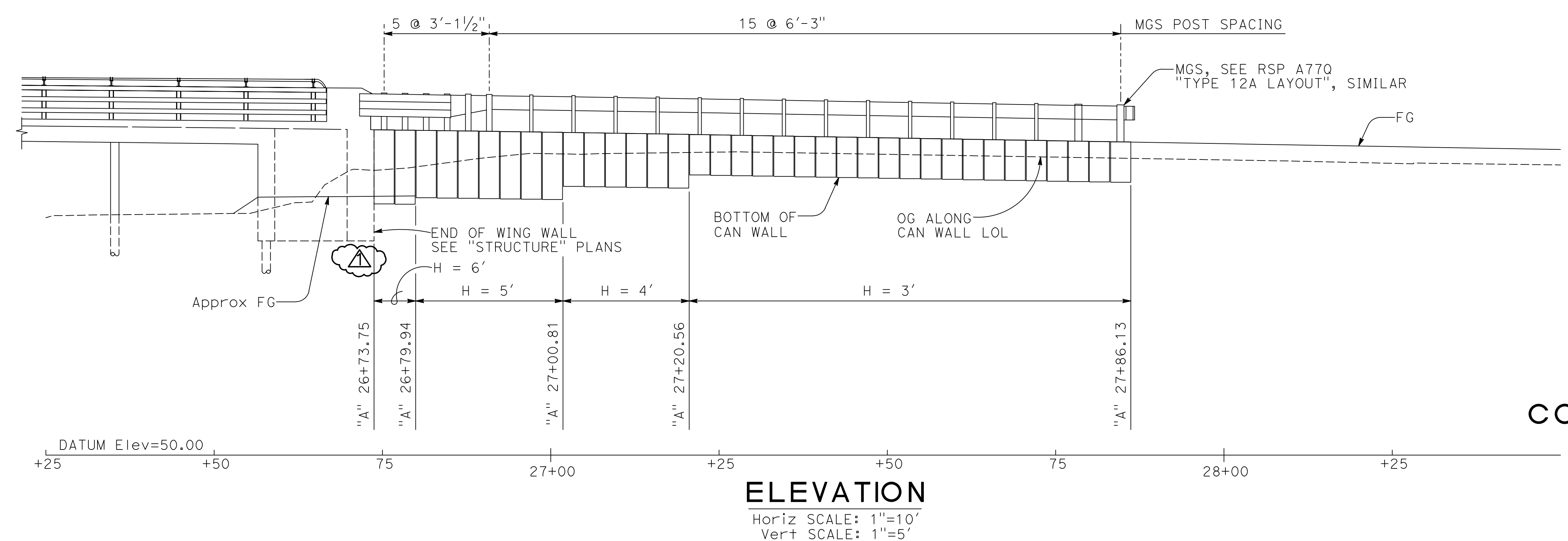
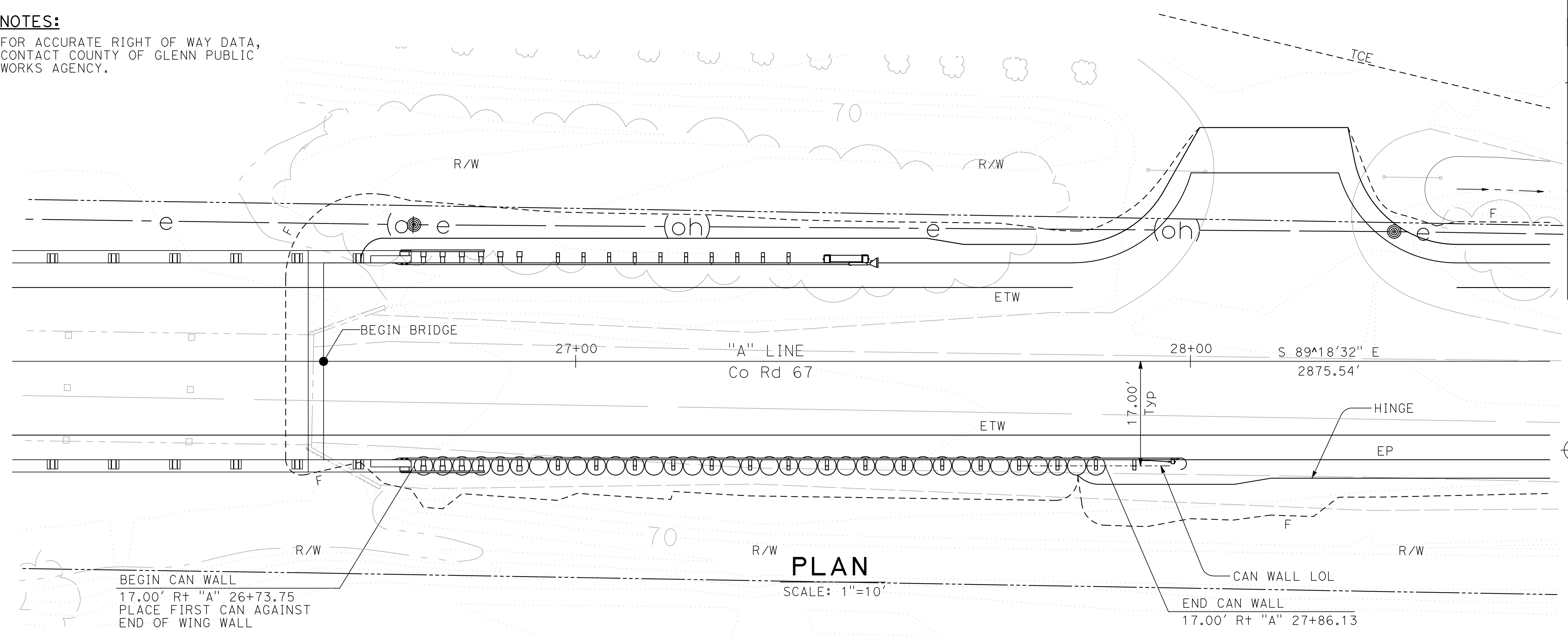
NOTES:
 FOR ACCURATE RIGHT OF WAY DATA,
 CONTACT COUNTY OF GLENN PUBLIC
 WORKS AGENCY.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Gle	CR 67	N/A	9	38

REGISTERED CIVIL ENGINEER DATE 05-31-23
 May 31, 2023
 PLANS APPROVAL DATE

WILLDAN ENGINEERING
 2400 WASHINGTON AVENUE, SUITE 101
 REDDING, CALIFORNIA 96001

COUNTY OF GLENN
 PUBLIC WORKS AGENCY
 777 N. COLUSA STREET
 WILLOWS, CALIFORNIA 95988



CONSTRUCTION DETAILS
 SCALE AS SHOWN **C-3**

PROJECT ENGINEER GARY M. GORDON
 CALCULATED/DESIGNED BY GARY M. GORDON
 CHECKED BY
 REVISED BY R. UHLMANN
 DATE REVISED 11-8-23
 KCG
 11-8-23
 REVISION #2
 REVISED PER ADDENDUM #2

USERNAME => KEVIN
 DGN FILE => 03-101783gd003



LAST REVISION 11-8-23
 DATE PLOTTED => 11/8/2023
 TIME PLOTTED => 12:50:33 PM

CALTRANS STANDARD PLANS, 2022 EDITION

- A10A ABBREVIATIONS (SHEET 1 OF 2)
- A10B ABBREVIATIONS (SHEET 2 OF 2)
- A10C LINES AND SYMBOLS (SHEET 1 OF 3)
- A10D LINES AND SYMBOLS (SHEET 2 OF 3)
- A10E LINES AND SYMBOLS (SHEET 3 OF 3)
- A62C LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL BRIDGE
- B0-1 BRIDGE DETAILS

LEGEND

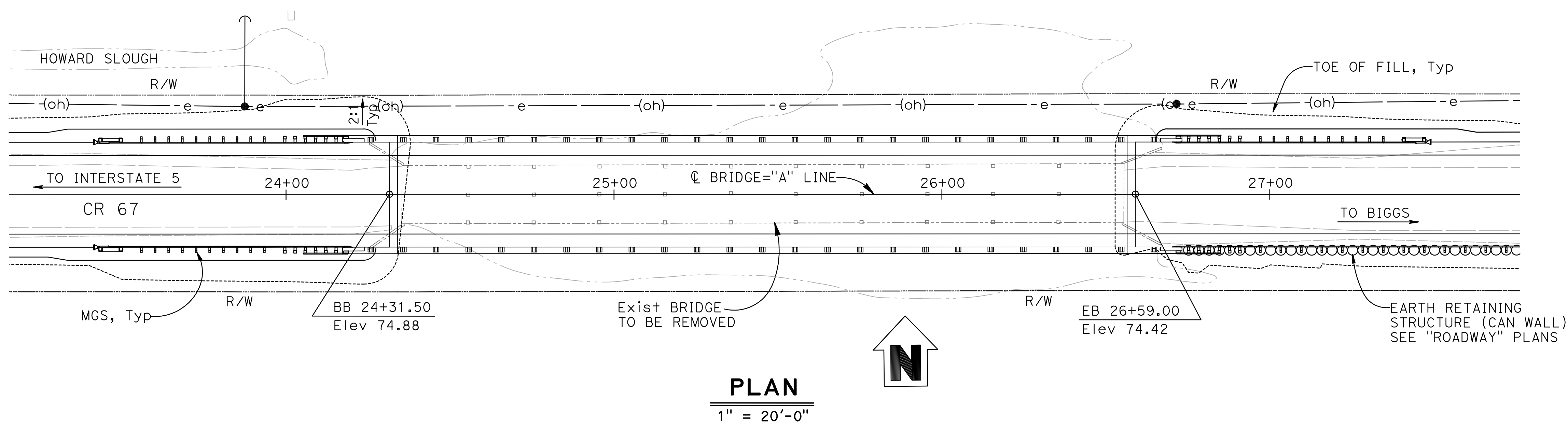
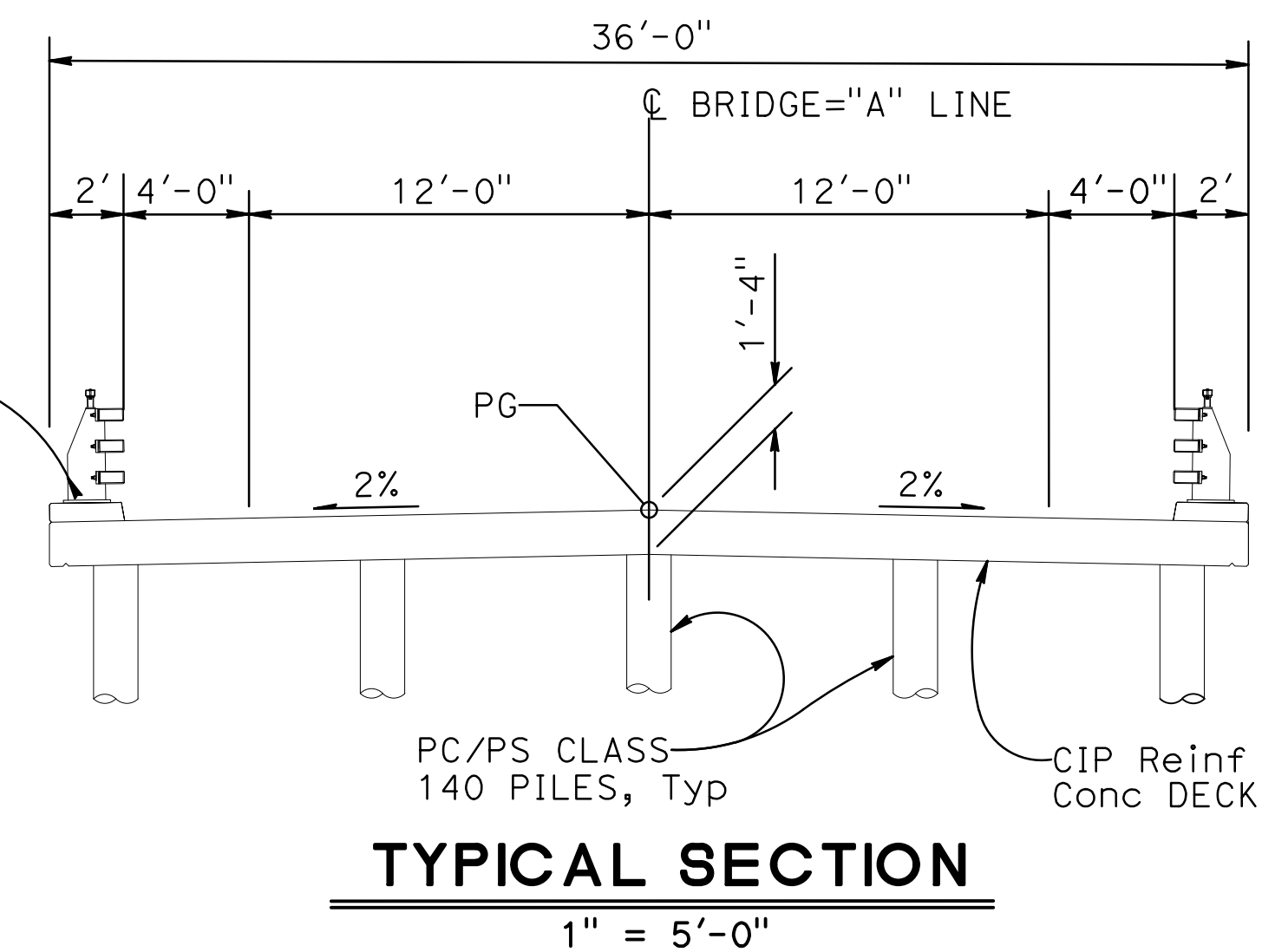
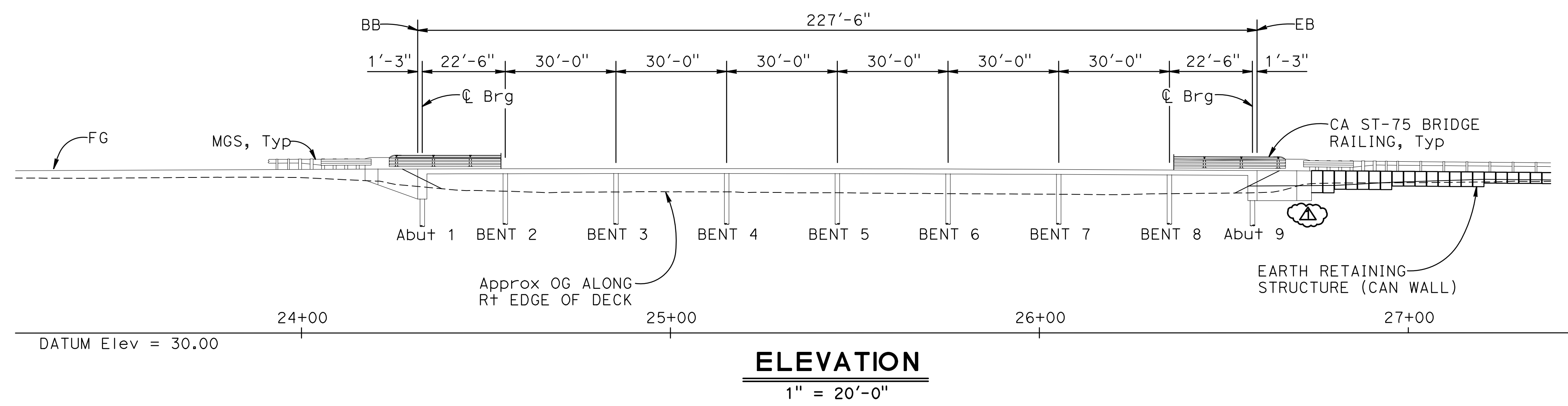
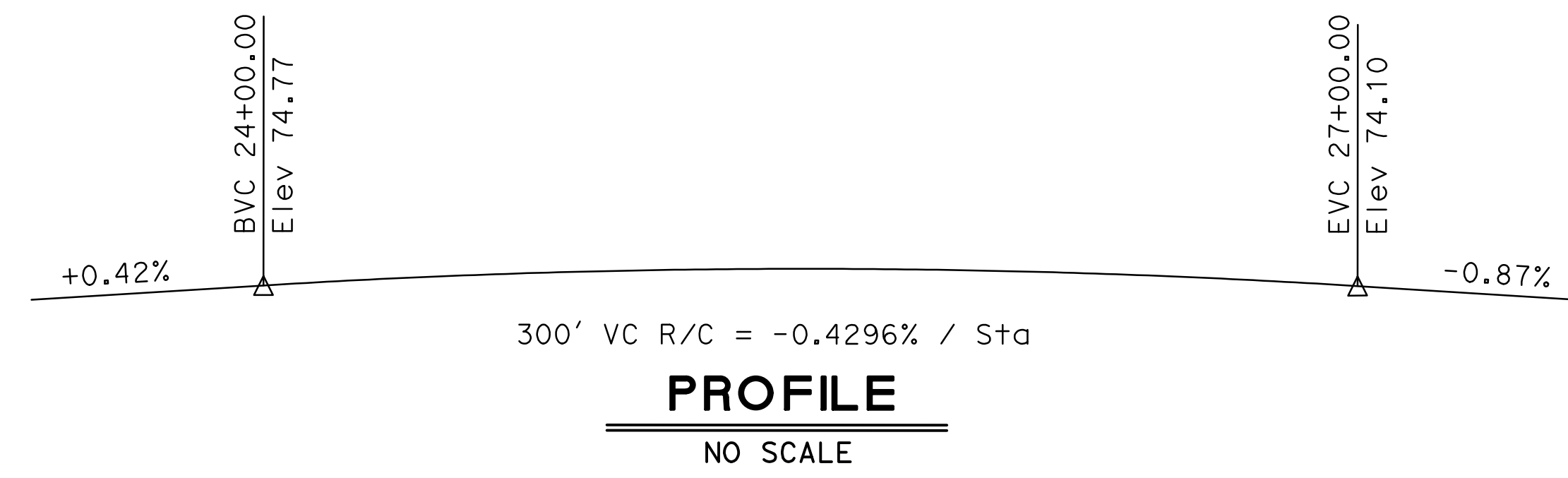
- Denotes Existing Structure
- Denotes Proposed Structure
- STANDARD PLAN SHEET No.
- DETAIL No.
- SECTION IDENTIFICATION

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
03	Glenn	CR 67	NA	22	38

REGISTERED CIVIL ENGINEER DATE 05-31-23

May 31, 2023
 PLANS APPROVAL DATE

Prepared by:
 WILLDAN ENGINEERING
 2400 WASHINGTON AVENUE, SUITE 101
 REDDING, CALIFORNIA 96001



INDEX TO BRIDGE PLANS

SHEET No.	TITLE
1	GENERAL PLAN
2	DECK CONTOURS
3	FOUNDATION PLAN
4	ABUTMENT LAYOUT
5	ABUTMENT DETAILS NO. 1
6	BENT LAYOUT
7	SLAB REINFORCEMENT DETAILS No. 1
8	SLAB REINFORCEMENT DETAILS No. 2
9	CALIFORNIA ST-75 BRIDGE RAIL DETAILS No. 1
10	CALIFORNIA ST-75 BRIDGE RAIL DETAILS No. 2
11	CALIFORNIA ST-75 BRIDGE RAIL DETAILS No. 3
12	CALIFORNIA ST-75 BRIDGE RAIL DETAILS No. 4
13	CALIFORNIA ST-75 BRIDGE RAIL DETAILS No. 5
14	SOIL LEGEND 1 OF 2
15	SOIL LEGEND 2 OF 2
16	LOG OF TEST BORINGS 1 OF 2
17	LOG OF TEST BORINGS 2 OF 2

▲ REVISED PER ADDENDUM #2	DESIGN	BY J. DeMARTINI	CHECKED M. ILEY	LOAD & RESISTANCE FACTOR DESIGN	LIVE LOADING: HL93 W/"LOW-BOY"; PERMIT DESIGN VEHICLE	PREPARED FOR COUNTY OF GLENN PUBLIC WORKS AGENCY	BRIDGE NO.	BRANCH HOWARD SLOUGH BRIDGE (REPLACE) GENERAL PLAN		
	DETAILS	BY R. UHLMANN	CHECKED J. DeMARTINI	LAYOUT	BY R. UHLMANN		CHECKED G. GORDON		11C0016	
	QUANTITIES	BY J. DeMARTINI	CHECKED R. UHLMANN	SPECIFICATIONS	BY X		PLANS AND SPECS COMPARED X		POST MILES	NA
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS							BRIDGE NO. NA PROJECT ENGINEER G. GORDON		REVISION DATES 11/10/14 07/28/17 05/31/23 11/8/23	SHEET 1 OF 17

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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
03	Glenn	CR 67	NA	23	38

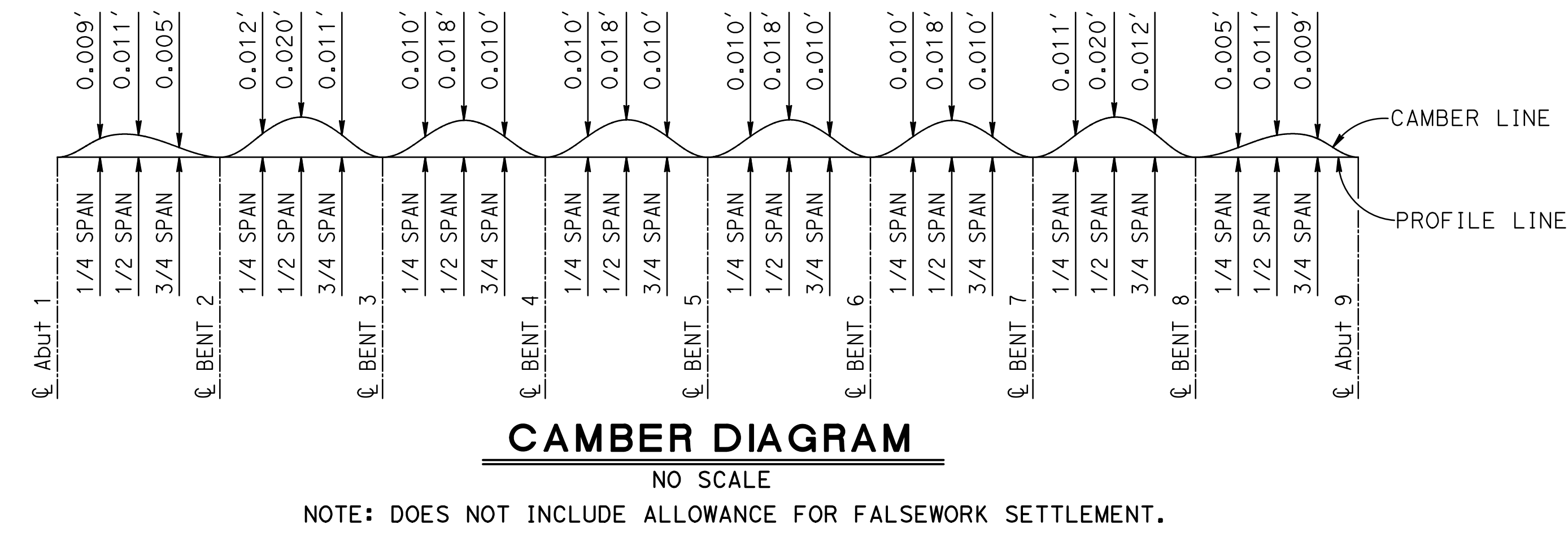
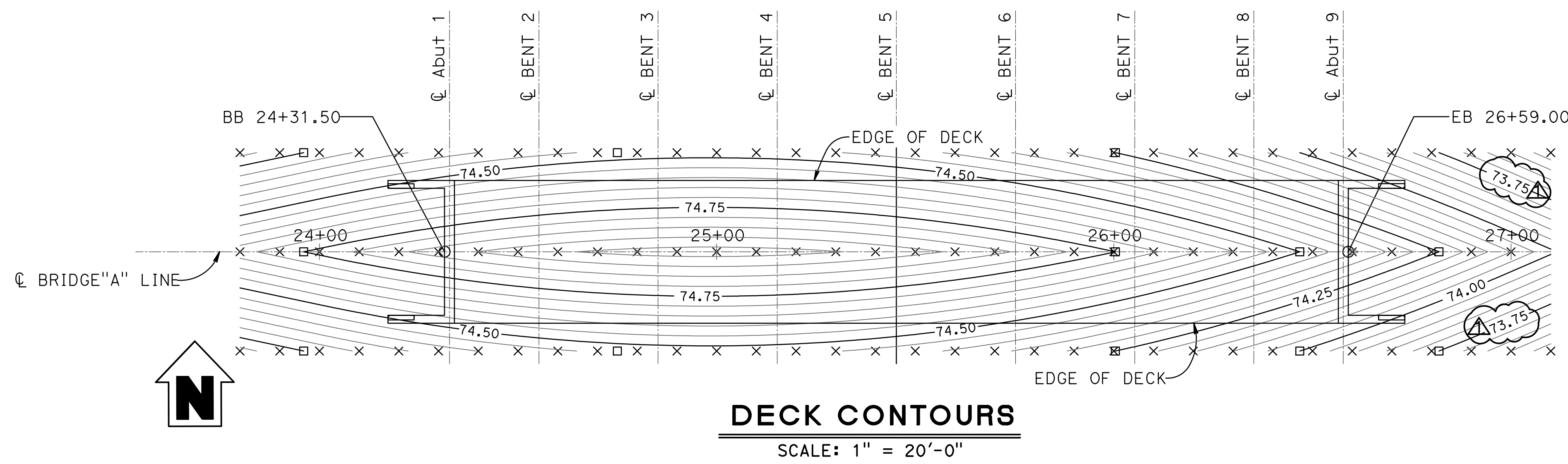
REGISTERED CIVIL ENGINEER
 GARY M. GORDON
 No. 42176
 Exp. 03-31-24
 CIVIL
 STATE OF CALIFORNIA

05-31-23
 DATE

May 31, 2023
 PLANS APPROVAL DATE

Prepared by:
 WILLDAN ENGINEERING
 2400 WASHINGTON AVENUE, SUITE 101
 REDDING, CALIFORNIA 96001

- NOTES:**
1. Contour indicate top of deck elevation.
 2. □ Indicates even 0.25 foot contours.
 3. × Indicates 10' intervals measured along "A" Line.
 4. Contour interval = 0.05'
 5. Contours do not include allowances for camber or falsework settlement.



**GENERAL NOTES
 LOAD AND RESISTANCE FACTOR DESIGN**

DESIGN : AASHTO LRFD Bridge Design Specifications, 6th Edition and with Caltrans Amendments, preface dated September 2010.

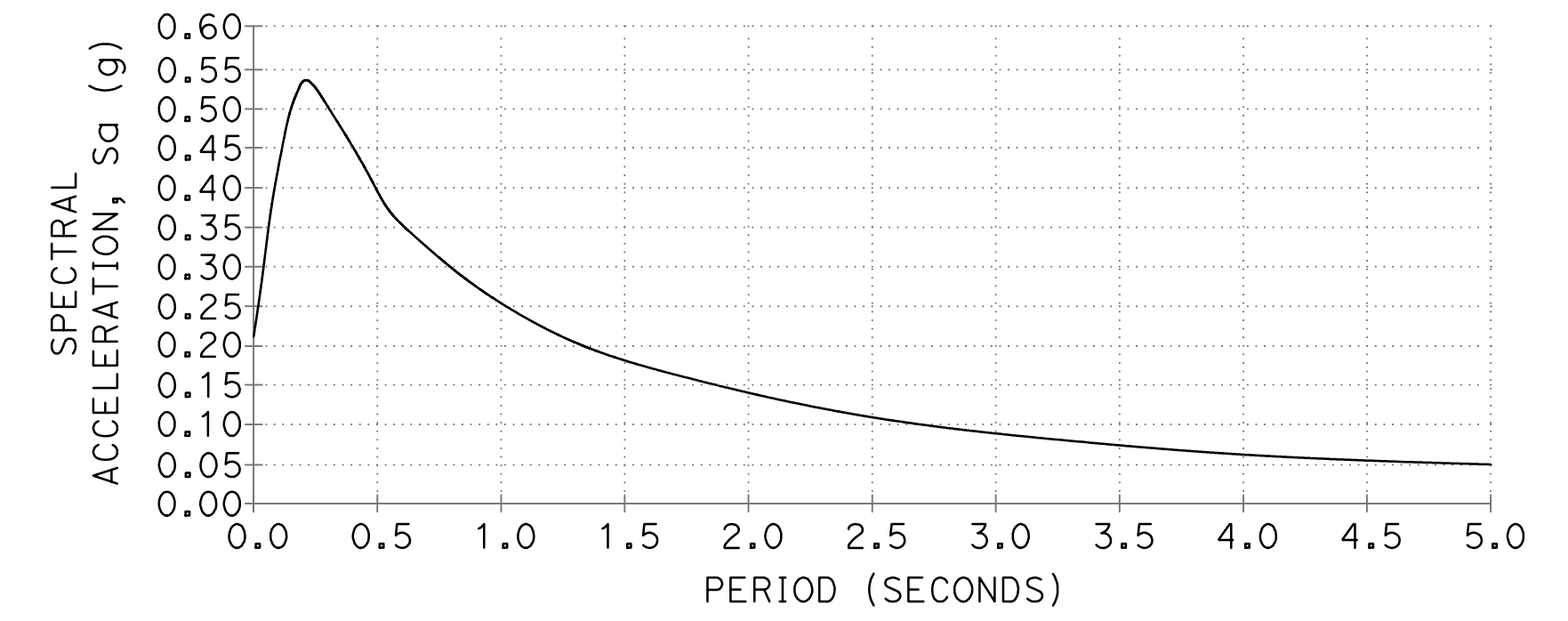
SEISMIC DESIGN: Caltrans Seismic Design Criteria (SDC), Version 1.7 dated April 2013.

DEAD LOAD: Includes 35 psf for future wearing surface.

LIVE LOADING: HL93 and permit design load.

SEISMIC LOADING: Soil Profile: C
 Moment Magnitude: 6.7
 Peak Ground Acceleration = 0.22 g

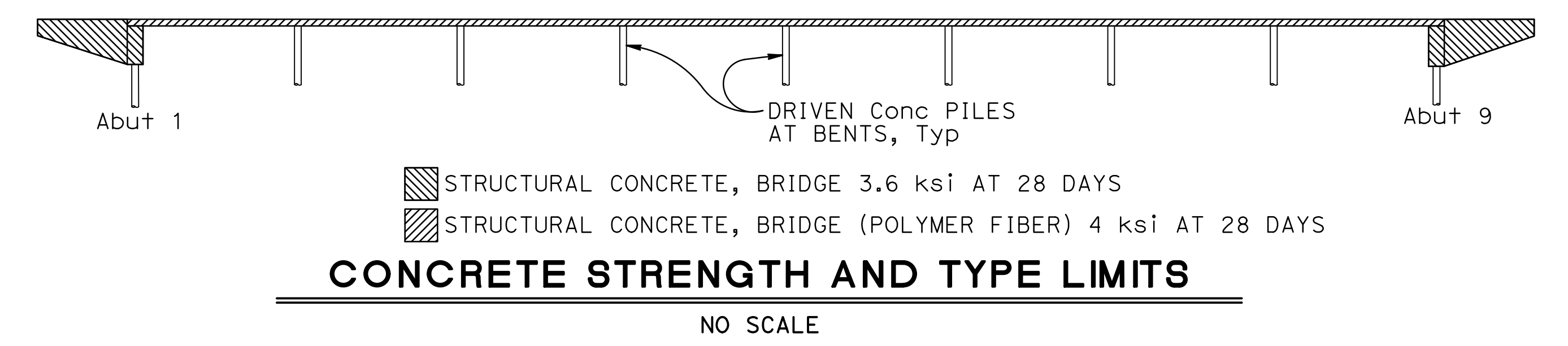
REINFORCED CONCRETE: $f_y = 60$ ksi
 $f'_c = 4.0$ ksi (Superstructure)
 $f'_c = 3.6$ ksi (Substructure)



ACCELERATION RESPONSE SPECTRUM CURVE

APPROXIMATE QUANTITIES

ITEM CODE	ITEM DESCRIPTION	QUANTITY	UNIT
157550	BRIDGE REMOVAL	1	LS
192020	STRUCTURE EXCAVATION (TYPE D)	59	CY
193003	STRUCTURE BACKFILL (BRIDGE)	56	CY
490736	FURNISH PILING (CLASS 90)	266	LF
490737	DRIVE PILE (CLASS 90)	10	EA
490746	FURNISH PILING (CLASS 140)	1,380	LF
490747	DRIVE PILE (CLASS 140)	35	EA
510053	STRUCTURAL CONCRETE, BRIDGE	67	CY
510054	STRUCTURAL CONCRETE, BRIDGE (POLYMER FIBER)	404	CY
520102	BAR REINFORCING STEEL (BRIDGE)	104,000	Lbs
048290	CALIFORNIA ST-75 BRIDGE RAILING	512.5	LF



REVISD PER ADDENDUM #2

DESIGN	BY J. DeMARTINI	CHECKED M. ILEY
DETAILS	BY R. UHLMANN	CHECKED J. DeMARTINI
QUANTITIES	BY J. DeMARTINI	CHECKED R. UHLMANN

PREPARED FOR
COUNTY OF GLENN
 PUBLIC WORKS AGENCY

G. GORDON
 PROJECT ENGINEER

BRIDGE NO.	11C0016
POST MILES	NA

BRANCH HOWARD SLOUGH BRIDGE (REPLACE)
DECK CONTOURS

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS



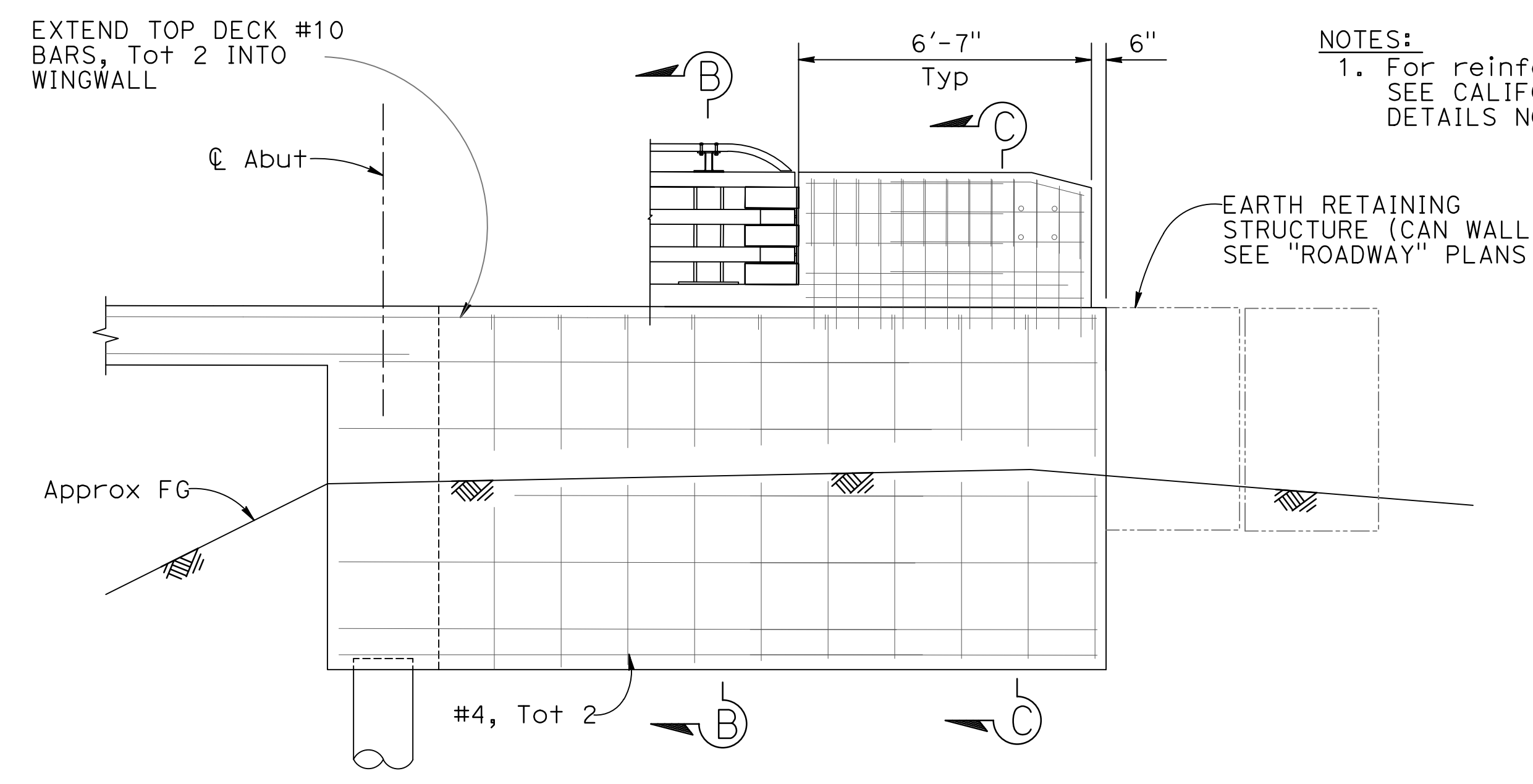
DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES	SHEET	OF
11/10/14 01/28/17 05/21/23	2	17

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
03	Glenn	CR 67	NA	26	38

REGISTERED CIVIL ENGINEER
 DATE 05-31-23
 GARY M. GORDON
 No. 42176
 Exp. 03-31-24
 CIVIL
 STATE OF CALIFORNIA

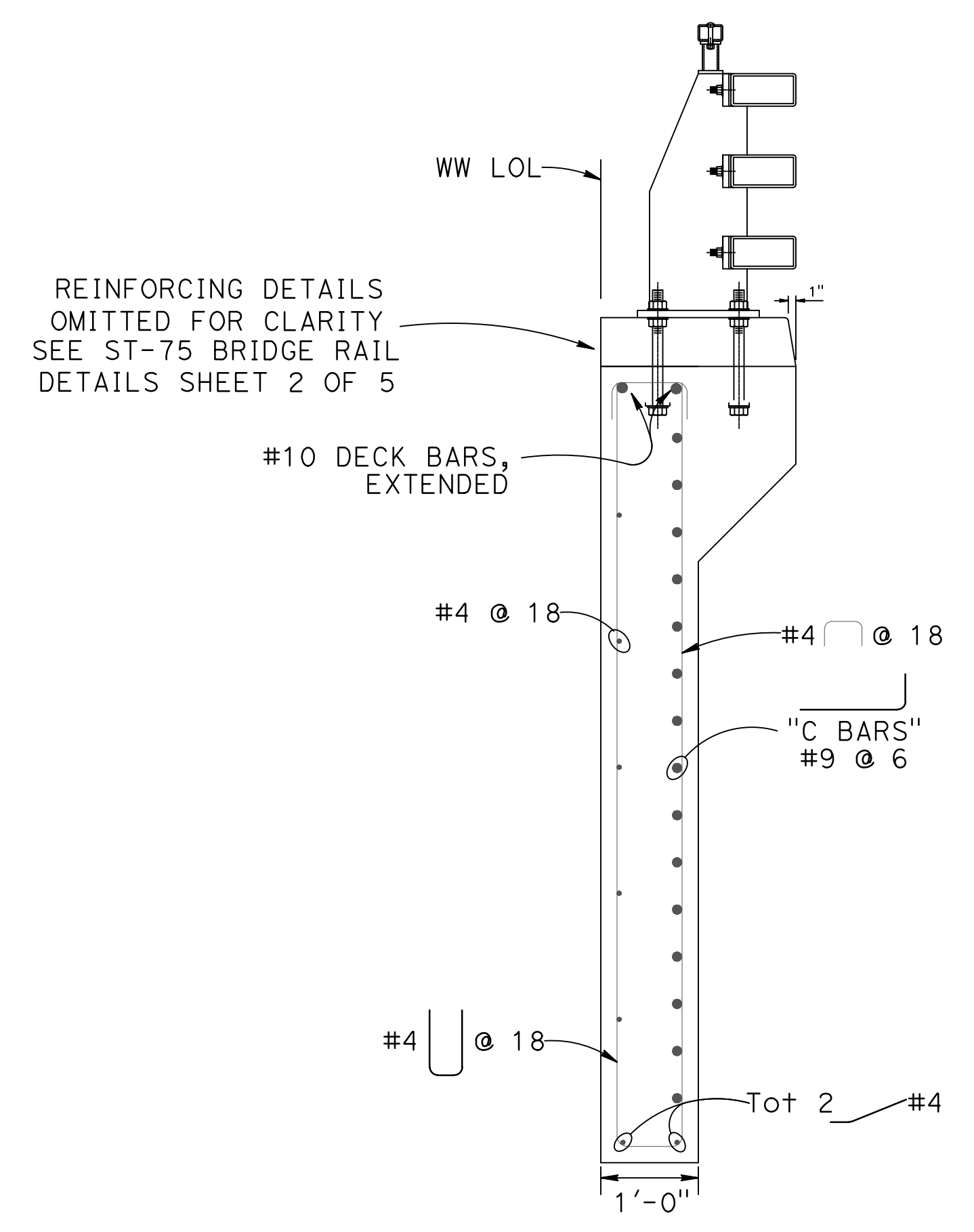
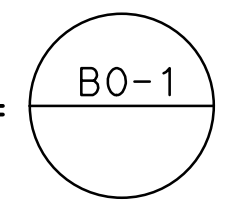
Prepared by:
 WILLDAN ENGINEERING
 2400 WASHINGTON AVENUE, SUITE 101
 REDDING, CALIFORNIA 96001



NOTES:
 1. For reinforcing details not shown, SEE CALIFORNIA ST-75 BRIDGE RAIL DETAILS NO. 2

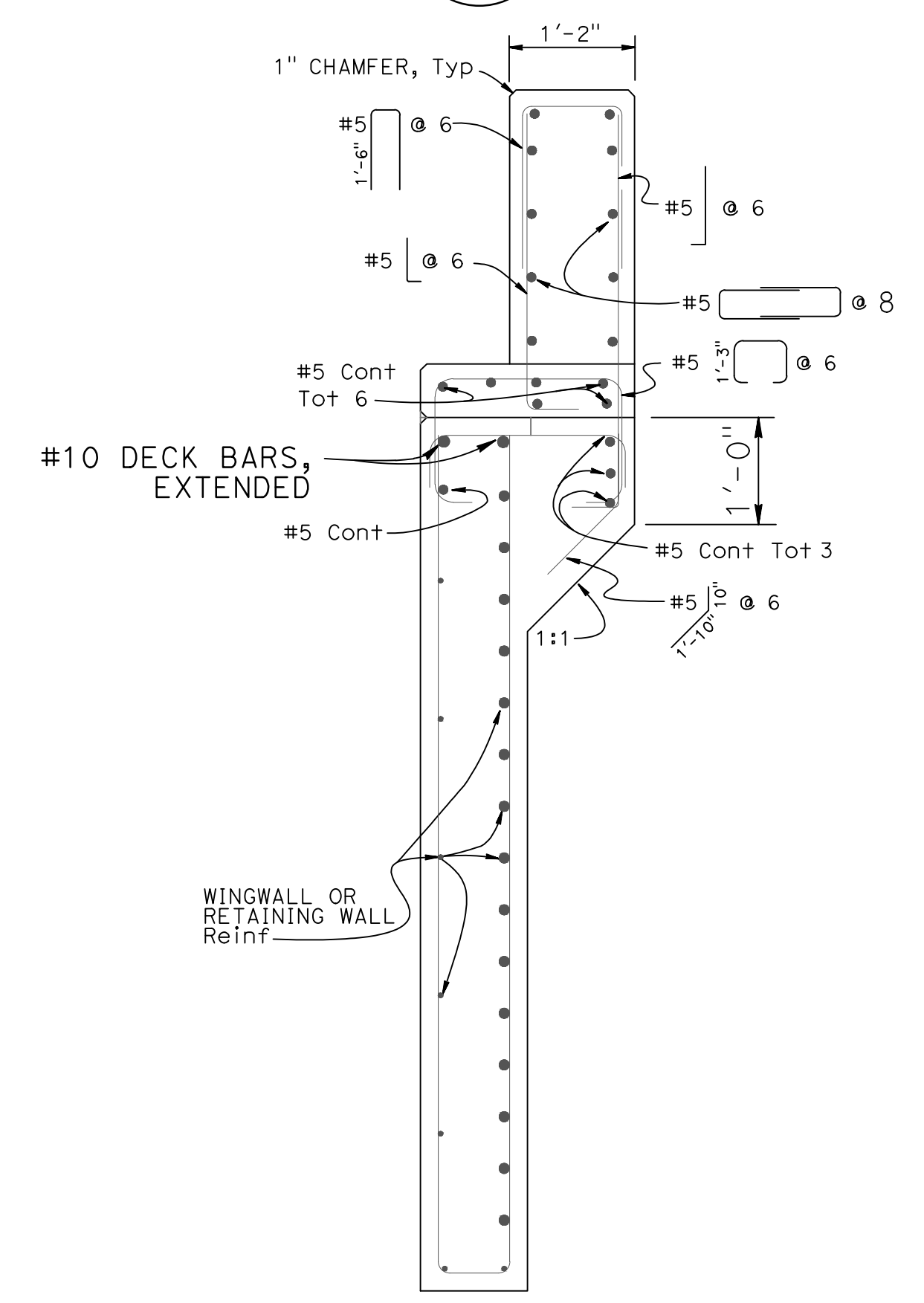
SOUTHEAST WINGWALL ELEVATION

SCALE: 3/8" = 1'-0"



SECTION B-B

SCALE: 3/4" = 1'-0"



SECTION C-C

NO SCALE

DESIGN	BY J. DeMARTINI	CHECKED M. ILEY	PREPARED FOR COUNTY OF GLENN PUBLIC WORKS AGENCY	BRIDGE NO.	11C0016	BRANCH HOWARD SLOUGH BRIDGE (REPLACE) ABUTMENT DETAILS NO. 1
DETAILS	BY R. UHLMANN	CHECKED J. DeMARTINI		PROJECT ENGINEER	G. GORDON	
QUANTITIES	BY J. DeMARTINI	CHECKED R. UHLMANN		POST MILES	NA	

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS



FILE => 11-0016-f-a01d+01

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES	SHEET	OF
11/10/14 07/28/17 05/21/23 11/8/23	5	17

DATE PLOTTED => 11/8/2023 TIME PLOTTED => 12:39:33 PM USERNAME => KEVIN

BENCH MARK

Horizontal Datum NAD83

Vertical Datum NAVD88

HYDROLOGIC SUMMARY

DRAINAGE AREA	118 SQ ACRES			
	DESIGN FLOOD	BASE FLOOD	OVERTOPPING FLOOD	RECORD FLOOD
FREQUENCY, YEARS	50	100	X	X
DISCHARGE		14.00	X	X
CUBIC ft/sec.				
WATER SURFACE ELEVATION AT BRIDGE		68.14	X	X

NOTE:
Flood Plain Data is based upon information available when the plans were prepared and are shown to meet Federal requirements. The accuracy of said information is not warranted by the Designer and interested or affected parties should make their own investigation.

LEGEND

- DENOTES EXISTING STRUCTURE
- DENOTES PROPOSED STRUCTURE
- o DENOTES CLASS 140 PILES
- 66.31 DENOTES BOTTOM OF FOOTING ELEVATION

NOTES

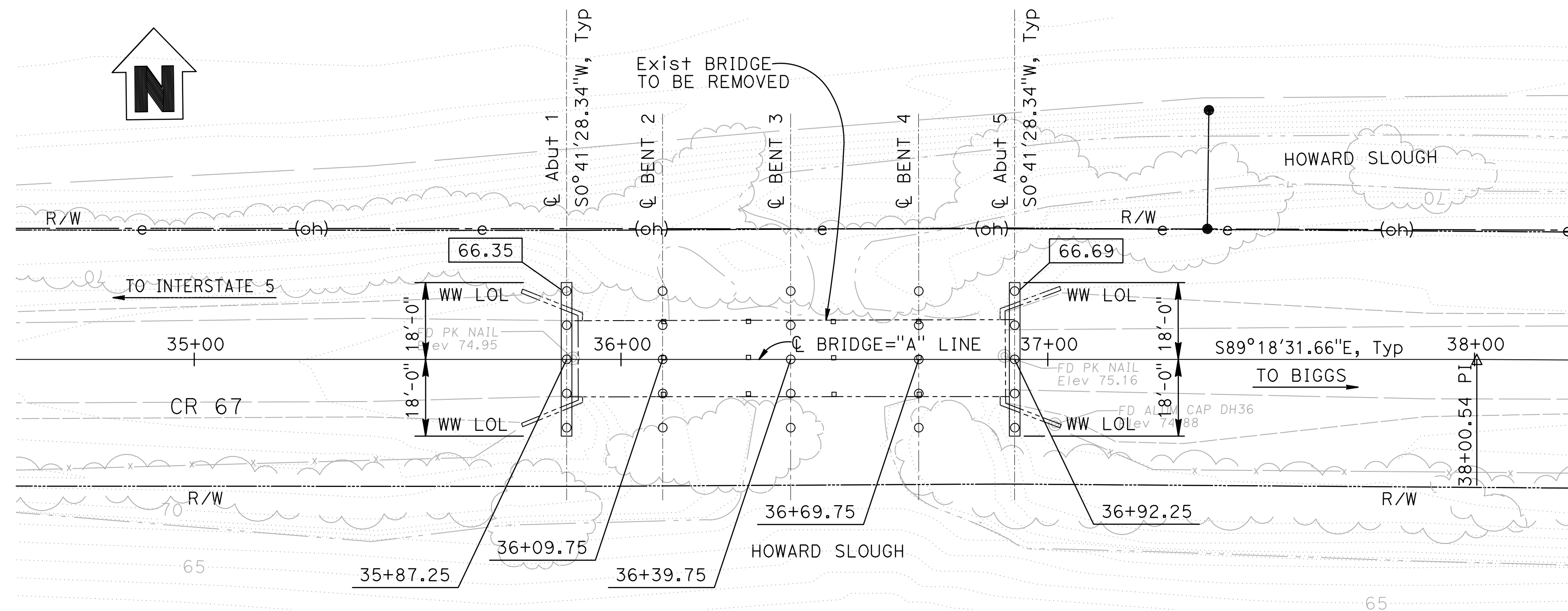
1. Utility relocation not shown. Utilities in conflict with piles will be relocated for bridge construction.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
03	Glenn	CR 67	NA	21	33

REGISTERED CIVIL ENGINEER
DATE 05-31-23
GARY M. GORDON
No. 42176
Exp. 03-31-24
CIVIL
STATE OF CALIFORNIA

May 31, 2023
PLANS APPROVAL DATE

Prepared by:
WILLDAN ENGINEERING
2400 WASHINGTON AVENUE, SUITE 101
REDDING, CALIFORNIA 96001



PLAN

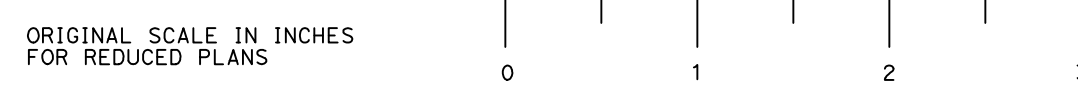
1" = 20'-0"

PILE DATA TABLE

LOCATION	PILE TYPE	DESIGN LOADING (SERVICE)	NOMINAL RESISTANCE		DESIGN TIP ELEV* (FEET)	SPECIFIED TIP ELEV (FEET)	PC/PS CONCRETE PILE CUT OFF ELEVATION (FEET)				
			COMPRESSION	TENSION			PILE No. 1	PILE No. 2	PILE No. 3	PILE No. 4	PILE No. 5
Abut 1	CLASS 90	90 kips	180 kips	90	43.00 (1)	43.00	66.60	66.60	66.60	66.60	66.60
BENT 2	CLASS 140	140 kips	280 kips	140	33.00 (1)	33.00	73.44	73.58	73.72	73.58	73.44
BENT 3	CLASS 140	140 kips	280 kips	140	33.00 (1)	33.00	73.56	73.70	73.84	73.70	73.56
BENT 4	CLASS 140	140 kips	280 kips	140	33.00 (1)	33.00	73.64	73.78	73.92	73.78	73.64
Abut 5	CLASS 90	90 kips	180 kips	90	43.00 (1)	43.00	66.94	66.94	66.94	66.94	66.94

* DESIGN TIP ELEVATION IS CONTROLLED BY THE FOLLOWING DEMANDS:
(1) COMPRESSION, (2) TENSION, (3) LATERAL LOADS, (4) SETTLEMENT

REVISIONS: 1. REVISED PER ADDENDUM #2	SCALE: 1"=30'	VERT.DATUM NAVD88	HORZ.DATUM NAD83	DESIGN BY J. DeMARTINI	CHECKED M. ILEY	PREPARED FOR COUNTY OF GLENN PUBLIC WORKS AGENCY	BRIDGE NO. 11C0017	BRANCH HOWARD SLOUGH BRIDGE (REPLACE) FOUNDATION PLAN
	PHOTOGRAMMETRY AS OF: 06/12	ALIGNMENT TIES X	DETAILS BY R. UHLMANN	CHECKED J. DeMARTINI	G. GORDON PROJECT ENGINEER		POST MILES NA	
	SURVEYED BY S. ESPINOSA	DRAFTED BY J. JONES	QUANTITIES BY J. DeMARTINI	CHECKED R. UHLMANN				



REVISION DATES	SHEET	OF
11/16/14 07/28/17 05/31/23	3	15

FILE => 11-0017-e-fp101

DATE PLOTTED => 11/8/2023 USERNAME => KEVIN TIME PLOTTED => 12:58:51 PM