

April 22, 2024

TO: All Property Owners and Concerned Citizens

SUBJECT: Virtual Public Involvement
Bridge Replacement and Road Improvements
ID 9478-03-71
WIS 107 – CTH O
Little Rib River Bridge
CTH L, Marathon County

Marathon County is holding an alternative (**virtual, not in person**) Public Involvement opportunity for the replacement of the CTH L bridge over the Little Rib River. The bridge is located in the Town of Berlin approximately 2 miles west of CTH O (location maps and preliminary plans attached).

The purpose of the project is to maintain and improve CTH L where it crosses the Little Rib River. Replacing the bridge is the proposed solution due to the poor condition of the existing structure. The structure will be replaced with a new, modern structure that satisfies structural loading, hydraulic capacity, and clear width according to statues and Federal Highway Administration (FHWA) requirements.

Currently, the project is scheduled for construction in 2025. The bridge will remain closed to traffic during construction. Construction is anticipated to take approximately 3 months. A detour route will not be signed.

Representatives from the Marathon County and the consulting firm of Ayres Associates are available to answer your questions or comments (**see the enclosed comment form**).

Project information is also available on the Marathon County website:
<https://www.co.marathon.wi.us/Departments/HighwayDepartment.aspx>

All interested persons are invited to review the project information materials and contact either Marathon County Highway Department or Ayres Associates with comments or questions. Contact information is included in the attached comment form. Please return comments on the informational materials by **May 20, 2024**.

Sincerely,

Ayres Associates



Dan Sydow, PE
Manager –Structural Engineering
715.834.3161
Direct: 715.261.1801
SydowD@AyresAssociates.com

Enclosure

cc: James Griesbach – Marathon County Highway Commissioner
Michael Grage – WisDOT North Central Region Local Program Project Manager

Public Involvement Notice

Improvements to CTH L at the Little Rib River

Planned improvements for CTH L over the Little Rib River in the Town of Berlin, Marathon County. Project information can be found in this notice, the Marathon County website, or by contacting the individuals below.

The Little Rib River bridge project involves improvements to the roadway and bridge at the crossing of the Little Rib River approximately 2 miles west of junction CTH O. The proposed improvement will include the removal of the existing bridge two-span concrete flat slab and construction of a new single-span concrete flat slab bridge. The 475-foot long project will include replacement of the bridge on the existing alignment and approximately 422.5 feet of roadway approaches including guardrail and the Valley Lane intersection.

During construction of the CTH L project, the road will remain closed to traffic. Construction is anticipated to take approximately 3 months during 2025. A detour will note be signed. The earliest construction could begin is June 2nd due to in-stream work restrictions. The exact timeframe will be determined by the contractor based on their availability.

Permanent right-of-way is anticipated to be needed to build the project.

Project information is available on the Marathon County website:
<https://www.co.marathon.wi.us/Departments/HighwayDepartment.aspx>

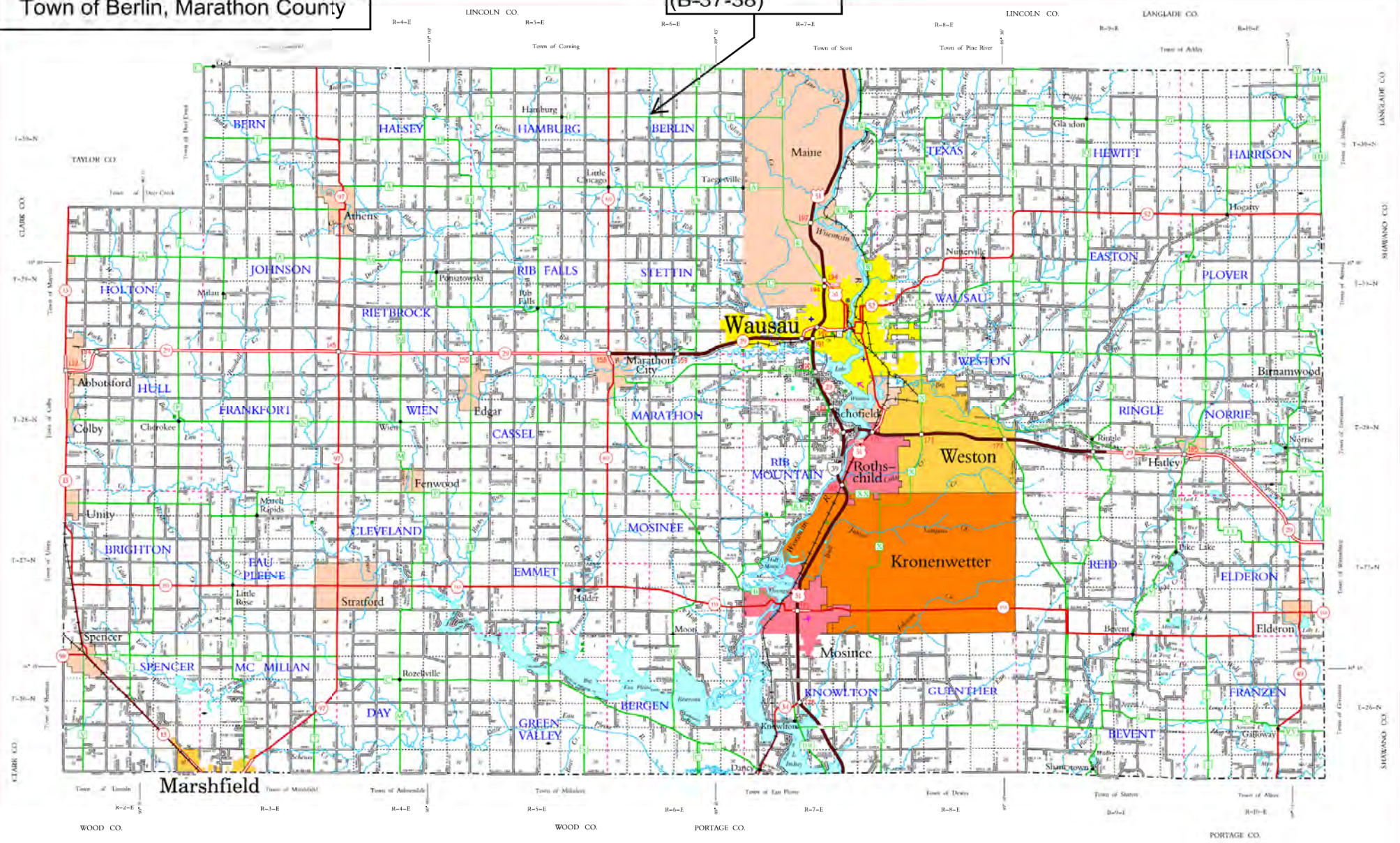
Individuals are encouraged to contribute comments about the bridge project by May 20, 2024 by contacting the following individuals:

James Griesbach
Marathon County Highway Department
1430 West Street
Wausau, WI 54401
715.261.1800
James.Griesbach@co.marathon.wi.us

Daniel Sydow, Engineer
Ayres Associates
3433 Oakwood Hills Parkway
Eau Claire, WI 54701
715.834.3161
SydowD@AyresAssociates.com

CTH L over Little Rib River (B-37-38)
Town of Berlin, Marathon County

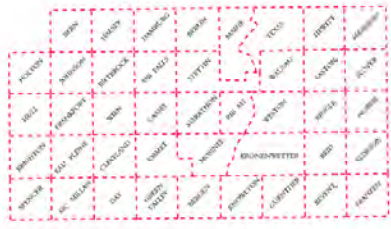
Project Location
(B-37-38)



LEGEND

- Barren
- Midline Divided
- U.S. or State Hwy
- County Trunk Hwy
- Town Road
- Facility
- Industrial
- State Trail
- Interchange
- Highway Separation
- Interstate Highway No.
- U.S. Highway No.
- State Highway No.
- County Highway Letter
- State Park
- County Park
- Amusement
- Res Area
- Winery
- State Boundary
- County Boundary
- Chief Town Boundary
- Section Line
- City of Wisconsin - Marathon Co.
- State Park
- County Park
- Amusement
- Res Area
- Winery
- State Boundary
- County Boundary
- Chief Town Boundary
- Section Line
- City of Wisconsin - Marathon Co.

CIVIL TOWNS



SECTION NUMBERING
OF A TOWNSHIP

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40



MILES OF HIGHWAY
and No. in 1994

STATE	277
COUNTY	64
LOCAL ROAD	64
TOTAL ROAD	345
STATE HIGHWAY	64

MARATHON CO.

DEPARTMENT OF TRANSPORTATION
 Madison, Wisconsin
 SCALE: 1" = 1 MILE
 Created by
 JAN 2004
 This document is the property of
 MARATHON Co.

CTH L over Little Rib River

Town of Berlin, Marathon County

Little Rib River

Project Location (B-37-38)

F

F

Valley Ln

Valley Ln



400 ft

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
9478-03-71		

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

WIS 107 - CTH 0

LITTLE RIB RIVER BRIDGE

CTH L

MARATHON COUNTY

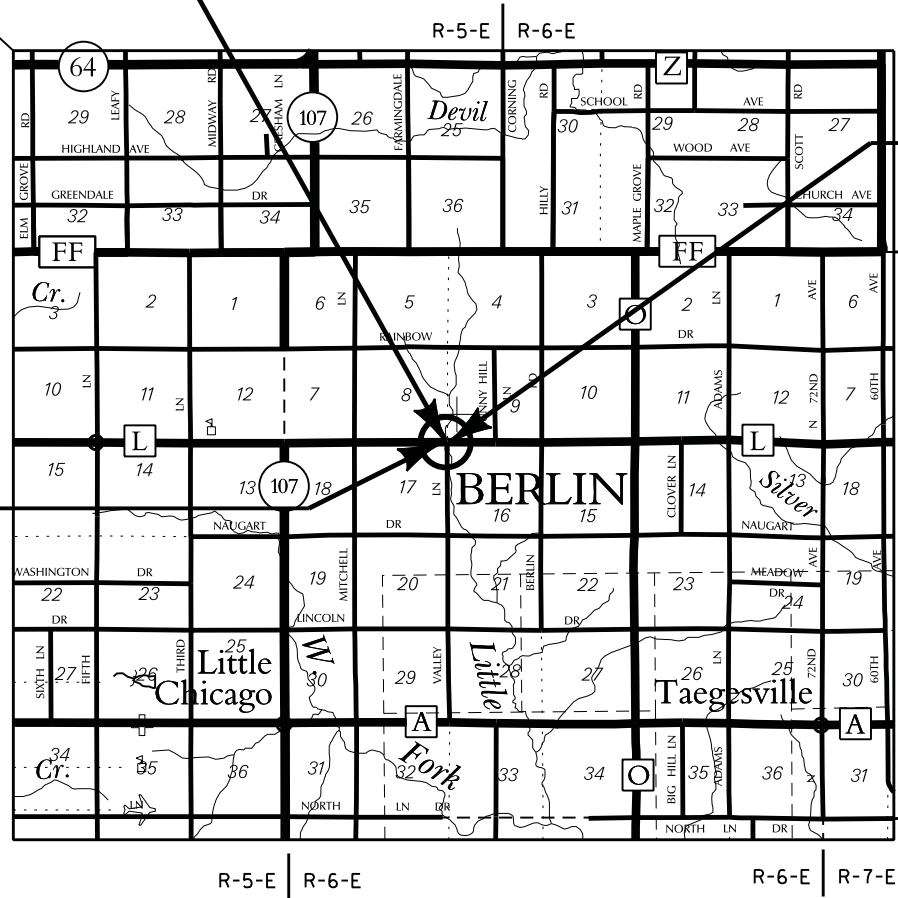
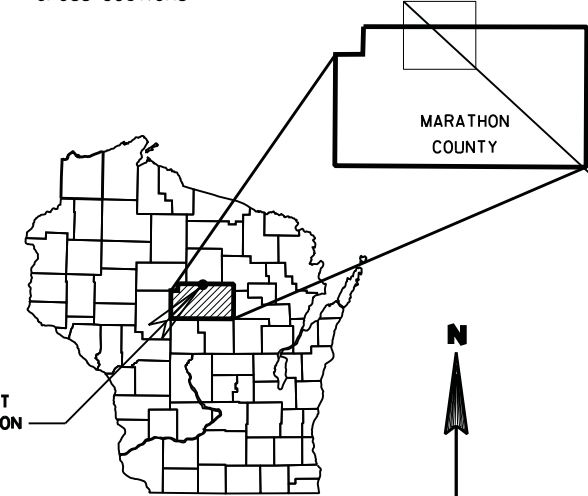
STATE PROJECT NUMBER
9478-03-71

STRUCTURE B-37-0473

ORDER OF SHEETS

- Section No. 1 Title
- Section No. 2 Typical Sections and Details
(Includes Erosion Control Plans)
- Section No. 3 Estimate of Quantities
- Section No. 3 Miscellaneous Quantities
- Section No. 4 Right of Way Plat
- Section No. 5 Plan and Profile
- Section No. 6 Standard Detail Drawings
- Section No. 7 Sign Plates
- Section No. 8 Structure Plans
- Section No. 9 Computer Earthwork Data
- Section No. 9 Cross Sections

TOTAL SHEETS =



END PROJECT
STA. 12+50
Y = 249827.62
X = 235128.44
LINCOLN CO.
MARATHON CO.

BEGIN PROJECT
STA. 7+75
Y = 249830.14
X = 234653.49

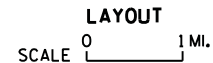
DESIGN DESIGNATION

- A.A.D.T. (2025) = 635
- A.A.D.T. (2045) = 855
- D.H.V. = 60
- D. = 50/50
- T. = 5%
- DESIGN SPEED = 55 MPH
- ESALS = 73,000

CONVENTIONAL SYMBOLS

- PLAN**
- CORPORATE LIMITS
 - PROPERTY LINE
 - LOT LINE
 - LIMITED HIGHWAY EASEMENT
 - EXISTING RIGHT OF WAY
 - PROPOSED OR NEW R/W LINE
 - SLOPE INTERCEPT
 - REFERENCE LINE
 - EXISTING CULVERT
 - PROPOSED CULVERT (Box or Pipe)
 - COMBUSTIBLE FLUIDS
 - HIGH VOLTAGE
 - MARSH AREA
 - WOODED OR SHRUB AREA

- PROFILE**
- GRADE LINE
 - ORIGINAL GROUND
 - MARSH OR ROCK PROFILE (To be noted as such)
 - SPECIAL DITCH
 - GRADE ELEVATION
 - CULVERT (Profile View)
 - UTILITIES**
 - OVERHEAD
 - ELECTRIC
 - FIBER OPTIC
 - GAS
 - SANITARY SEWER
 - STORM SEWER
 - TELEPHONE
 - WATER
 - UTILITY PEDESTAL
 - POWER POLE
 - TELEPHONE POLE



TOTAL NET LENGTH OF CENTERLINE = 0.095 MI.

SURVEY PERFORMED IN 2021.
COORDINATES ON THIS PLAN ARE REFERENCED TO
THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS),
MARATHON COUNTY.

ACCEPTED FOR

County of MARATHON

Date _____ Highway Commissioner _____

ORIGINAL PLANS PREPARED BY

AYRES 3433 Oakwood Hills Parkway
Eau Claire, WI 54701
www.AyresAssociates.com

**STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION**

PREPARED BY

- Surveyor AYRES ASSOCIATES INC
- Designer AYRES ASSOCIATES INC
- Project Manager MICHAEL GRAGE, PE
- Regional Examiner N/A
- Regional Supervisor DANIEL ERVA, PE

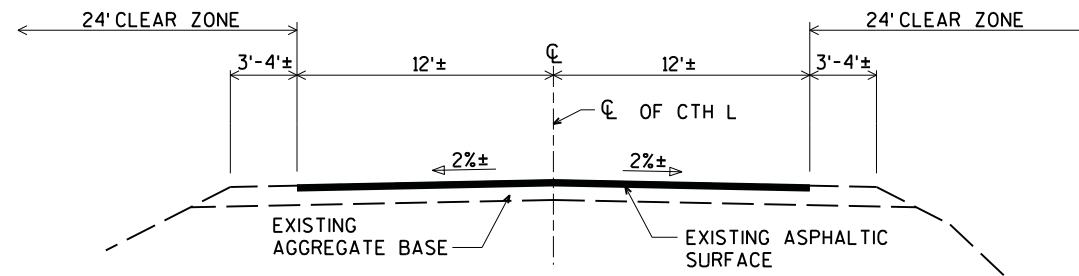
APPROVED FOR THE DEPARTMENT

DATE: _____ (Signature)

E

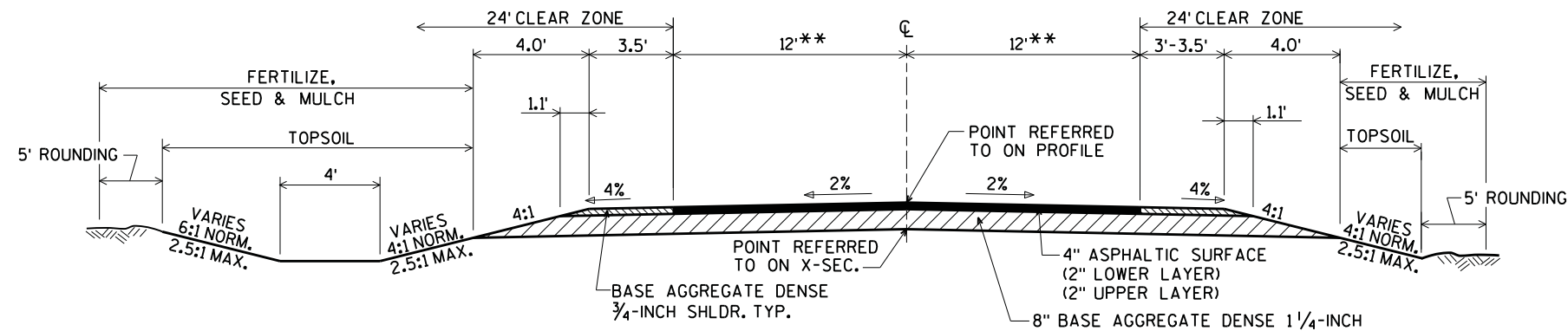
PROJECT ID: 9478-03-71
WITH: N/A

COUNTY: MARATHON



EXISTING TYPICAL SECTION

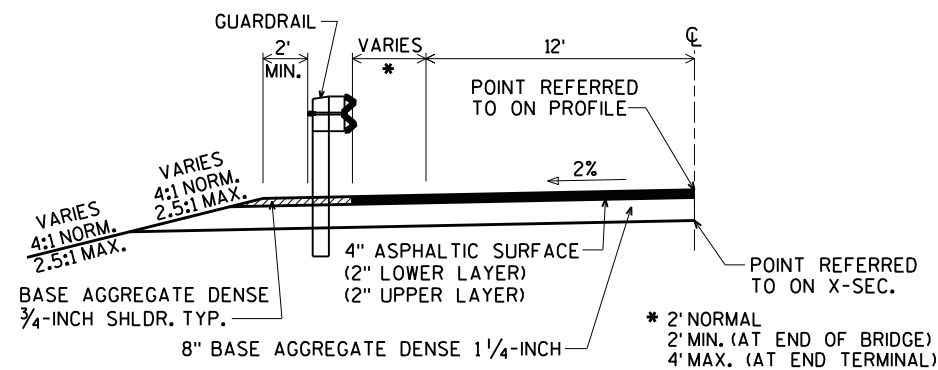
(CTH L)
STA. 7+75 - STA. 12+50



FINISHED TYPICAL SECTION

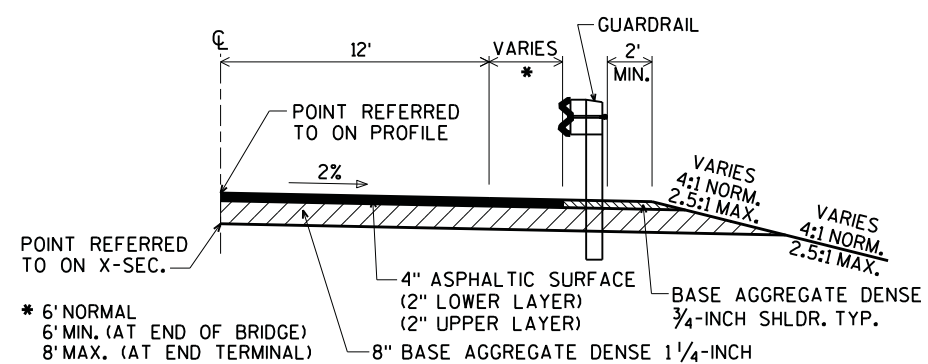
(CTH L)
STA. 7+75 - STA. 9+73.75

** THE ASPHALT SHALL BE PLACED 14 FEET WIDE LANE LT. AND 18 FEET WIDE LANE RT. AT THE ENDS OF THE BRIDGE AND FOLLOW THE FACE OF GUARDRAIL OR INTERSECTION RADIUS, AND TAPER TO MATCH EXISTING AT THE ENDS OF THE PROJECT.



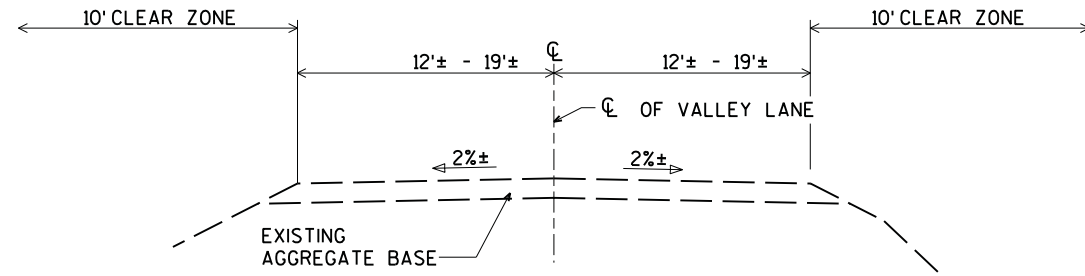
FINISHED TYPICAL HALF SECTION WITH GUARDRAIL

(CTH L)
STA. 8+84.06 - STA. 9+73.75, LT.
STA. 10+26.25 - STA. 12+03.02, LT.



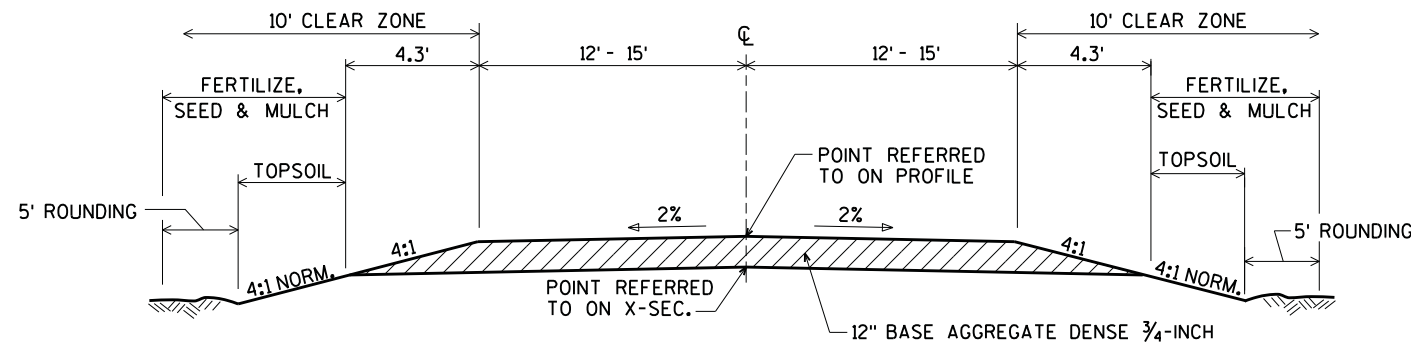
FINISHED TYPICAL HALF SECTION WITH GUARDRAIL

(CTH L)
STA. 8+34.06 - STA. 9+73.75, RT.



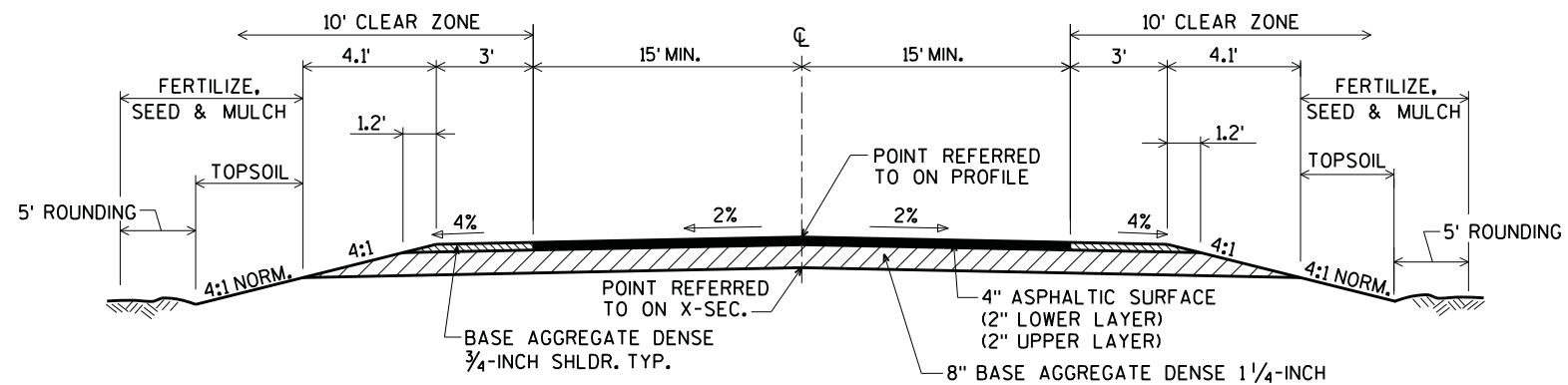
EXISTING TYPICAL SECTION

(VALLEY LANE)
STA. 19+17.24 - STA. 19+71



FINISHED TYPICAL SECTION

(VALLEY LANE)
STA. 19+17.24 - STA. 19+47.24

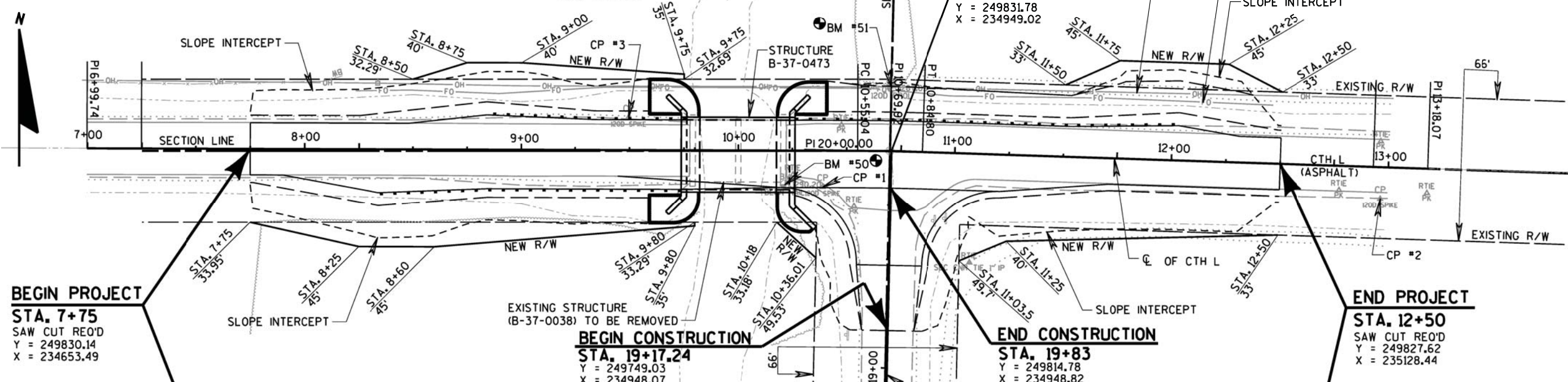


FINISHED TYPICAL SECTION

(VALLEY LANE)
STA. 19+47.24 - STA. 19+83

BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
50	10+22	BERNSTEN NAIL IN TOP OF S. END E. ABUT., 15.6' RT.	1290.20
51	10+70	120'D' SPIKE IN PPOL, 29.1' LT.	1287.03

NOTES:
 FOR ALIGNMENT CONTROL POINTS, BEARINGS, AND COORDINATES, SEE "ALIGNMENT CONTROLS" SHEET.
 FOR GUARDRAIL LAYOUT AND INTERSECTION DETAILS SEE "CONSTRUCTION DETAILS" SHEETS.

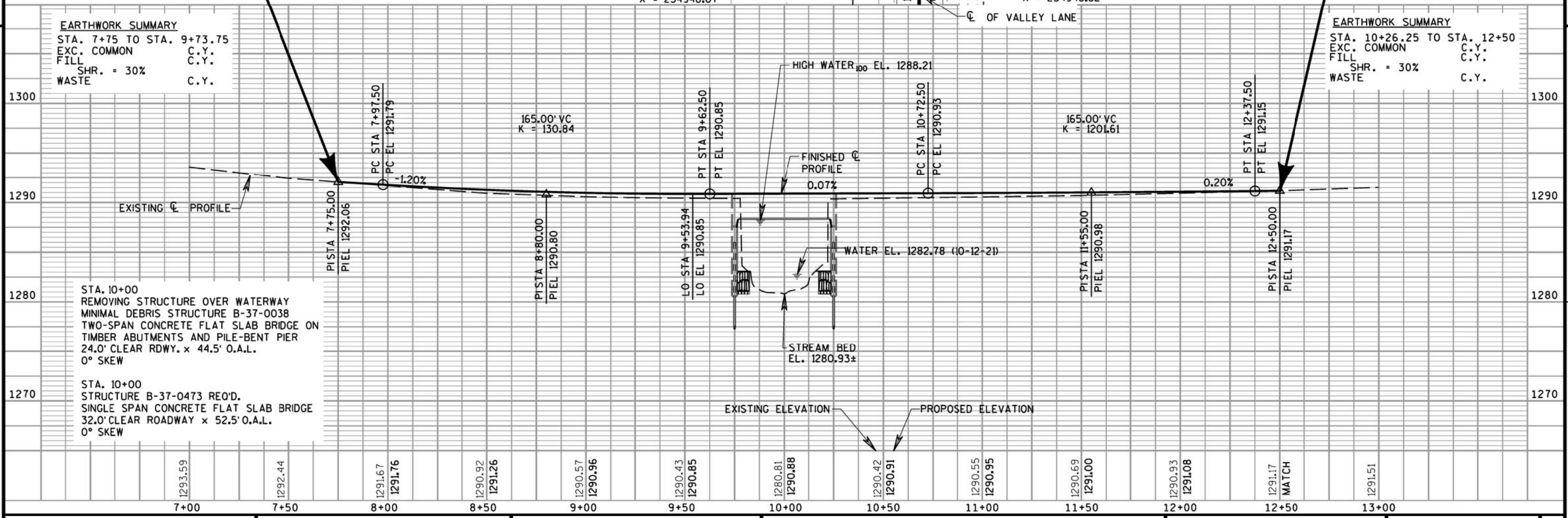


EARTHWORK SUMMARY

STA. 7+75 TO STA. 9+73.75	
EXC. COMMON	C.Y.
FILL	C.Y.
SHR. = 30%	
WASTE	C.Y.

EARTHWORK SUMMARY

STA. 10+26.25 TO STA. 12+50	
EXC. COMMON	C.Y.
FILL	C.Y.
SHR. = 30%	
WASTE	C.Y.



STA. 10+00
 REMOVING STRUCTURE OVER WATERWAY
 MINIMAL DEBRIS STRUCTURE B-37-0038
 TWO-SPAN CONCRETE FLAT SLAB BRIDGE ON
 TIMBER ABUTMENTS AND PILE-BENT PIER
 24.0' CLEAR RDWY. x 44.5' O.A.L.
 0° SKEW

STA. 10+00
 STRUCTURE B-37-0473 REO'D.
 SINGLE SPAN CONCRETE FLAT SLAB BRIDGE
 32.0' CLEAR ROADWAY x 52.5' O.A.L.
 0° SKEW

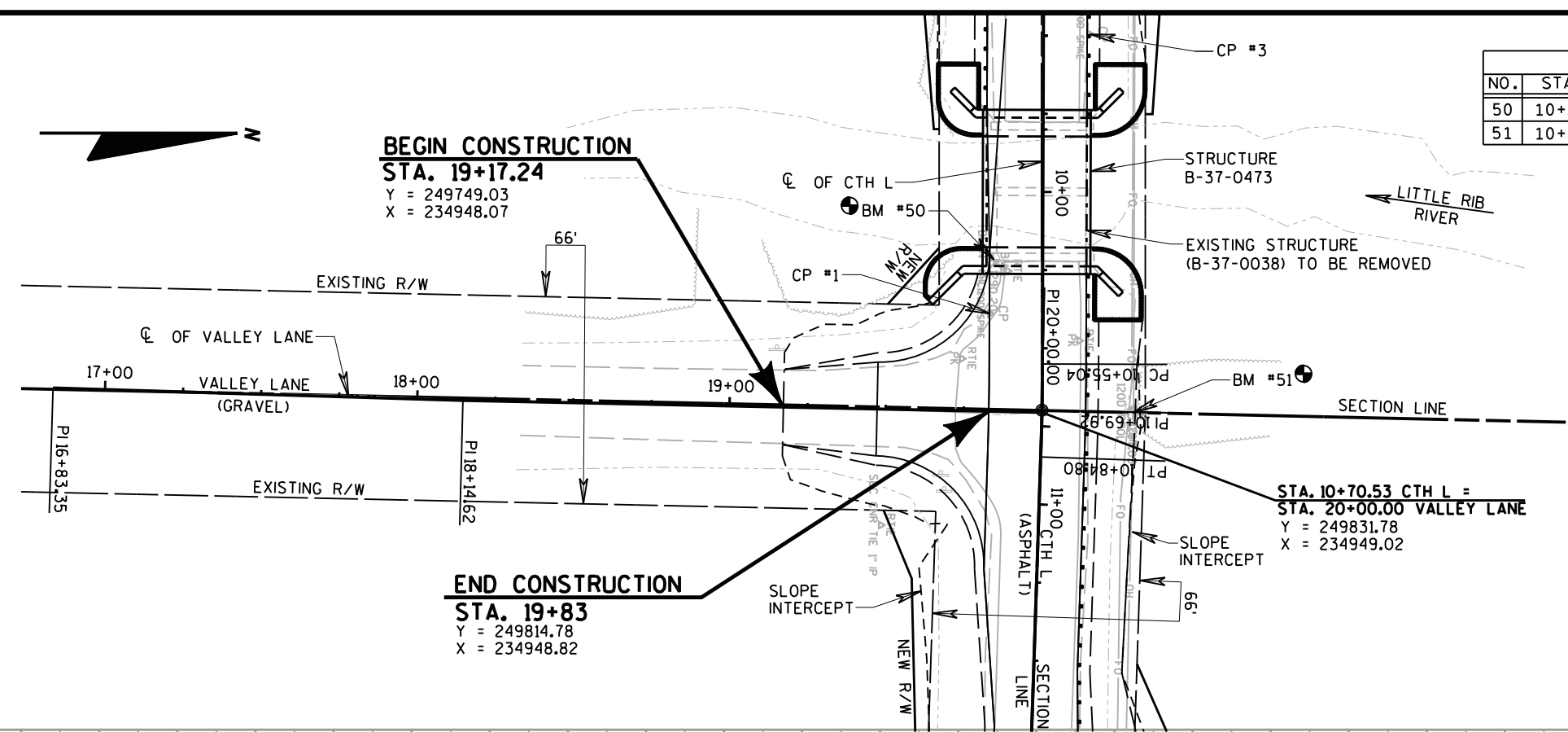


BEGIN CONSTRUCTION
STA. 19+17.24
 Y = 249749.03
 X = 234948.07

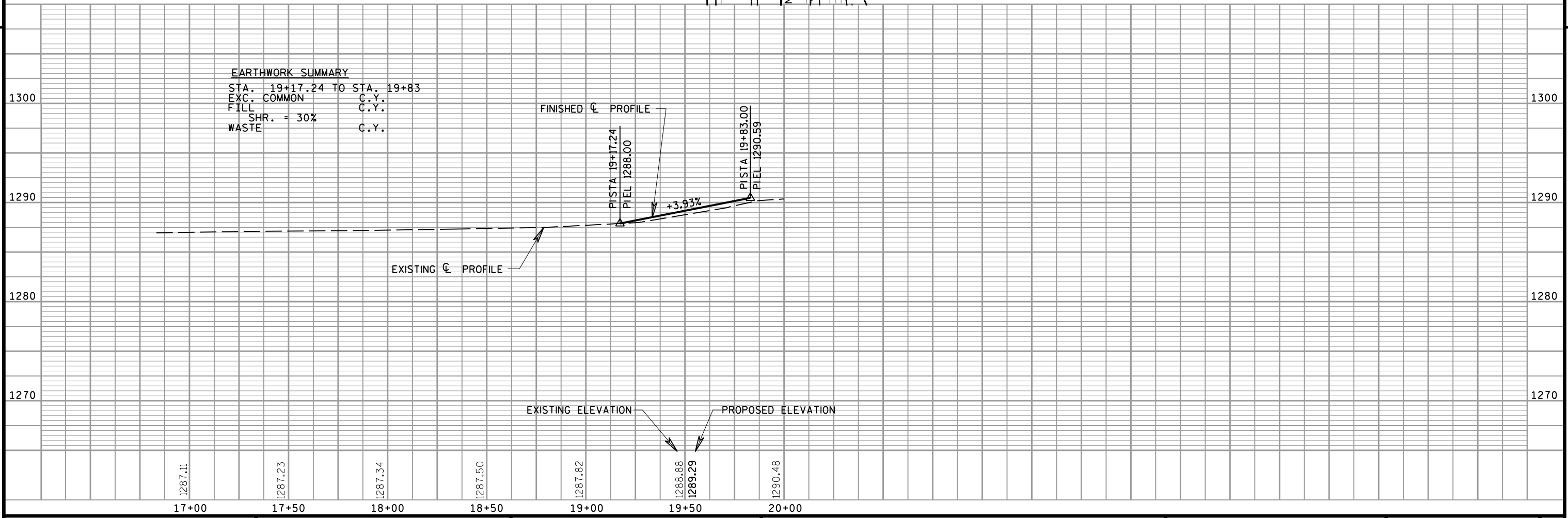
END CONSTRUCTION
STA. 19+83
 Y = 249814.78
 X = 234948.82

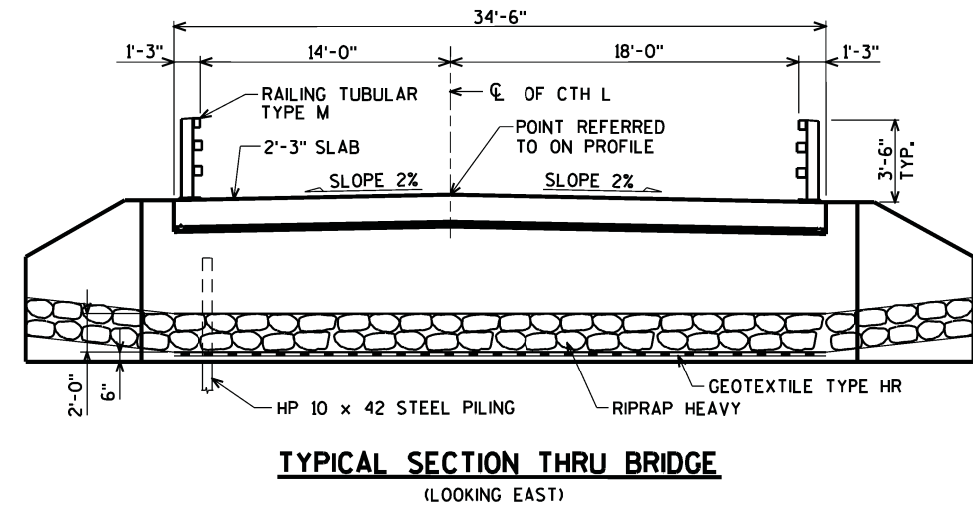
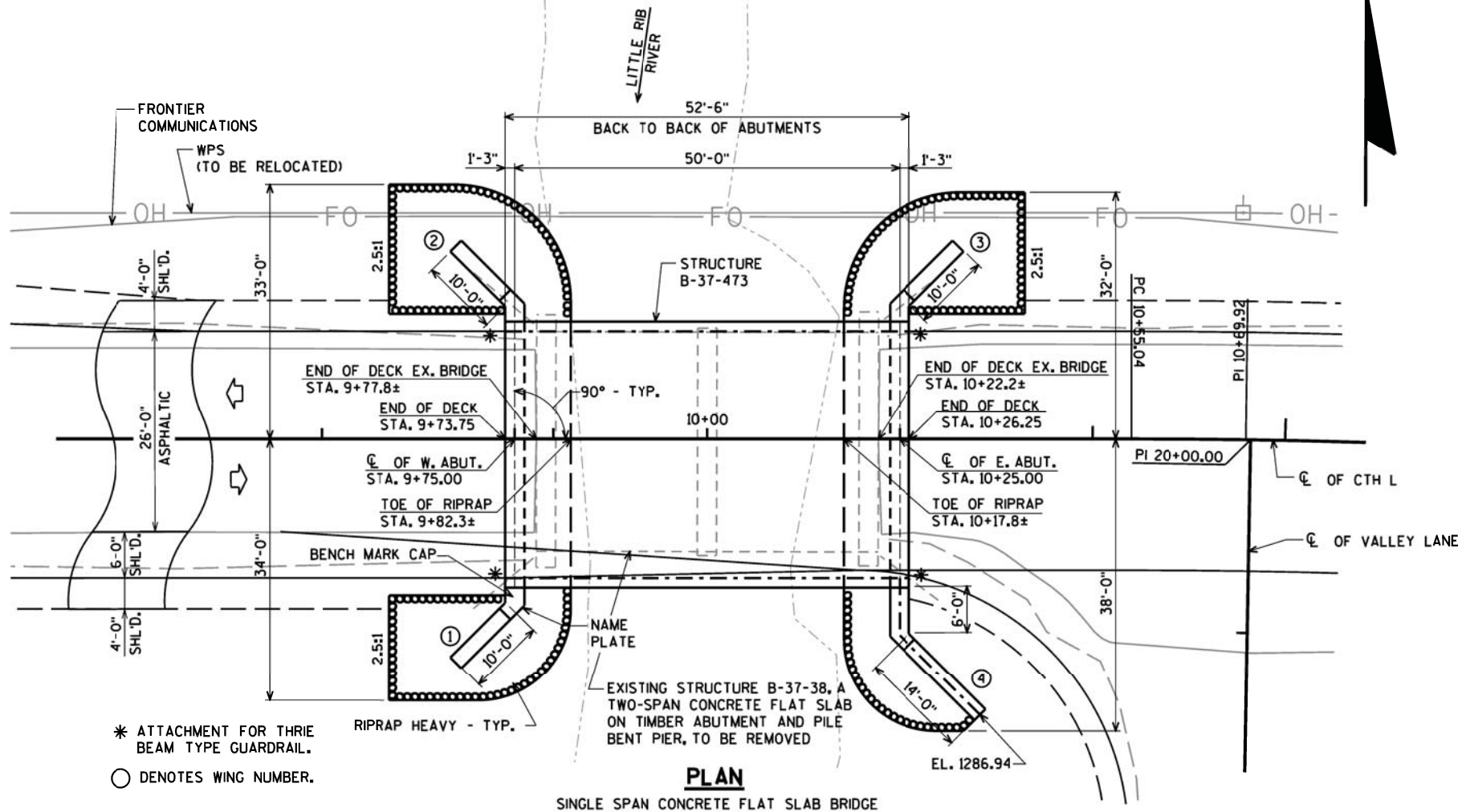
BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
50	10+22	BERNSTEN NAIL IN TOP OF S. END E. ABUT., 15.6' RT.	1290.20
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NOTES:
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 BEARINGS, AND COORDINATES, SEE
 "ALIGNMENT CONTROLS" SHEET.



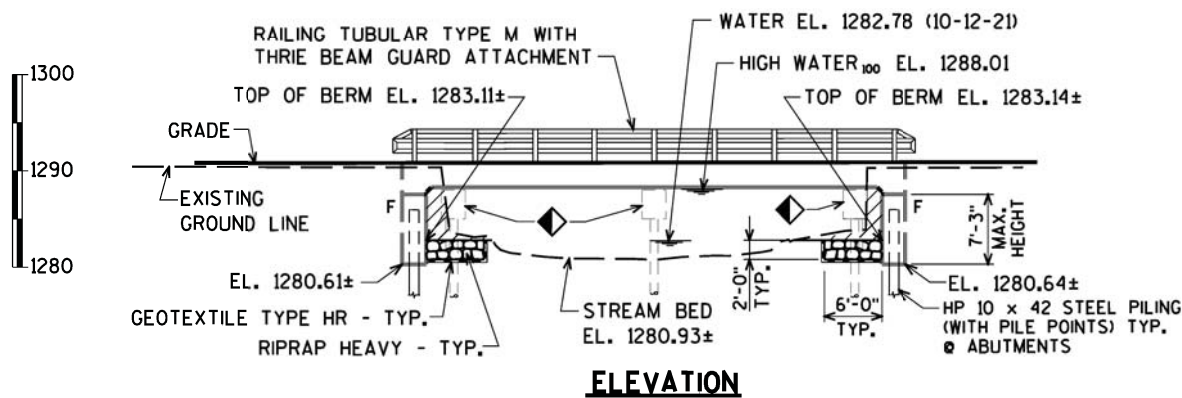
EARTHWORK SUMMARY
 STA. 19+17.24 TO STA. 19+83
 EXC. COMMON C.Y.
 FILL C.Y.
 SHR. = 30%
 WASTE C.Y.





LIST OF DRAWINGS

1. GENERAL PLAN
2. QUANTITIES AND NOTES
3. STRUCTURE DETAILS
4. SUBSURFACE EXPLORATION



▨ COST OF EXCAVATION OR FILL IN THE HATCHED AREAS SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR "EXCAVATION FOR STRUCTURES BRIDGES B-37-473".

◆ REMOVE EXISTING SUBSTRUCTURE AS NEEDED. COST CONSIDERED INCIDENTAL TO "REMOVING STRUCTURE" ITEM, TYPICAL AT ALL SUBSTRUCTURES.

NO.	DATE	REVISION	BY
ORIGINAL PLANS PREPARED BY			
AVRES 3433 Oakwood Hills Parkway Eau Claire, WI 54701 www.AyresAssociates.com			
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
ACCEPTED _____		DATE _____	
CHIEF STRUCTURES DESIGN ENGINEER			
STRUCTURE B-37-473			
CTH L OVER THE LITTLE RIB RIVER			
COUNTY	MARATHON	TOWN/CITY/VILLAGE	BERLIN
DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS			
DESIGNED BY	ZSS	DESIGN CK'D.	KLW
DRAWN BY	CLP	PLANS CK'D.	ZSS
GENERAL PLAN			SHEET 1 OF 4

BRIDGE OFFICE CONTACT:
AARON BONK
(608)-261-0261

CONSULTANT CONTACT:
DAN SYDOW
(715)-834-3161

4/9/2024
PENTABLE:Breou_shd_util.tbl

DATE: _____
DATE: _____
CHECKED BY: _____
CORRECTED BY: _____

Fold here

Fold on Dotted Lines, Tape, Stamp, and Mail

Name _____

Address _____

City _____ State _____

Zip _____

Place Stamp Here

Daniel Sydow
Ayres Associates Inc
3433 Oakwood Hills Parkway
Eau Claire, WI 54701

Fold here to mail