Public Notice

U.S. Army Corps of Engineers

Baltimore District
PN-24-37

In Reply to Application Number NAB-2023-61316-M46 (MDOT SHA/FMIS No. GA173C21/US 219 Bridge No. 1102400 Replacement)

Comment Period: December 13, 2024 to January 12, 2025

THE PURPOSE OF THIS PUBLIC NOTICE IS TO INFORM INTERESTED PARTIES OF THE PROPOSED ACTIVITY AND TO SOLICIT COMMENTS. NO DECISION HAS BEEN MADE AS TO WHETHER OR NOT A PERMIT WILL BE ISSUED AT THIS TIME.

This District has received an application for a Department of the Army permit pursuant to Section 404 of the Clean Water Act (33 USC 1344),as described below:

APPLICANT:

Maryland State Highway Administration
Attn: Ms. Nora Bucke
707 North Calvert Street, Mailstop C-303
Baltimore, Maryland 21202

WATERWAY AND LOCATION OF THE PROPOSED WORK:

The proposed project is located in the Youghiogheny River and its unnamed tributaries, in Redhouse, Garrett County, Maryland. (Latitude: 39.294457, Longitude: -79.468281)

OVERALL PROJECT PURPOSE:

To realign a section of U.S. Route 219 and replace bridge number 1102400 over the Youghiogheny River to improve safety, operations, and to reduce traffic congestion.

PROJECT DESCRIPTION:

To discharge fill material into waters of the U.S. for roadway realignment and the replacement of bridge number 1102400 on U.S. Route 219 over the Youghiogheny River to improve safety, operations, and to reduce traffic congestion. The existing U.S. 219 roadway section in the project area consists of one 11-foot-wide lane in each direction. The existing single span bridge over the Youghiogheny River is a concrete arch structure providing a clear roadway width of approximately 24 feet and an overall length of 23 feet. A section of U.S. Route 219 including the bridge crossing will be realigned to the east (upstream) of the existing alignment. The proposed bridge will be a 55-foot-long prestressed slab bridge providing two, 11-foot-wide travel lanes with 5-foot

shoulders for a total clear roadway width of 32 feet. The roadway realignment and bridge replacement work will permanently impact approximately 27,956 square feet (SF) of nontidal wetland and 270 linear feet (LF) (4,413 SF) of nontidal stream channel and will temporarily impact approximately 12,651 SF of nontidal wetlands and 25 LF (161 SF) of nontidal stream channel located adjacent to U.S. Route 219 in Redhouse, Garrett County, Maryland. The applicant is proposing on-site permittee responsible compensatory mitigation through stream relocation and restoration and creation of nontidal wetlands.

Please refer to the table below for a summary of aquatic resource impacts.

EFFECTS ON AQUATIC RESOURCES:

Activity (i.e. culvert)	Stream Impact (lf)	Wetland Impact (Sq. Ft.)	Authority (Section 10/404/408)
Fill for roadway realignment and bridge replacement	295	40,607	Section 404
Fill for stream relocation, restoration, and wetland creation	1,482	21,433	Section 404

LEAD FEDERAL AGENCY:

The United States Army Corps of Engineers, as the lead federal agency, is responsible for all coordination pursuant to applicable federal authorities.

APPLICANT'S PROPOSED AVOIDANCE, MINIMIZATION, AND COMPENSATORY MITIGATION:

As part of the planning process for the proposed project, steps were taken to ensure avoidance and minimization of impacts to aquatic resources to the maximum extent practicable based on the existing site conditions.

The applicant considered several alternative designs to meet the project goals of realigning a section of U.S. Route 219 and replacing the bridge over the Youghiogheny River while also avoiding and minimizing impacts to the Youghiogheny River and its unnamed tributaries. Alternative designs considered include a no build alternative, re-alignment east, re-alignment west, and modifying the existing alignment. The proposed roadway re-alignment and bridge replacement described above provides improved

safety, operations, and reduction of traffic, while also minimizing impacts to the Youghiogheny River and its unnamed tributaries.

Mitigation for unavoidable nontidal stream and wetland impacts associated with the project are proposed to be satisfied through on-site permittee responsible mitigation. Compensatory wetland mitigation will be required at 2:1 ratio for nontidal scrub-shrub wetlands and at a 1:1 ratio for nontidal emergent wetlands. The applicant's preferred mitigation package include satisfying compensatory mitigation requirements for nontidal stream and wetland impacts through on-site permittee responsible mitigation adjacent to the project site, along an unnamed tributary to the Youghiogheny River in Redhouse, Garrett County, Maryland. The mitigation site will provide approximately 24,815 square feet of nontidal forested wetland creation, 3,950 square feet of nontidal scrub shrub wetland creation, and 33,522 square feet of nontidal emergent wetland creation. The applicant is proposing to relocate and restore approximately 2,166 linear feet of an unnamed tributary to the Youghiogheny River. The existing stream channel location has been artificially ditched and has down-cut through the post settlement sediments and into the pre-settlement gravels, groundwater and epifaunal substrate. The proposed mitigation approach will involve reconnecting the stream channel and floodplain by removing as much of the legacy sediments as possible and restoring the natural functions of the floodplain and riparian corridor by creating a high-quality wetland complex across the full width of the floodplain at close vertical proximity to the existing water table, resulting in a gain in functional feet of stream mitigation credit.

CORPS EVALUATION REQUIREMENTS:

This project will be evaluated pursuant to Corps Regulatory Program Regulations (33 CFR Parts 320-332). The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonable may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economic, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, and consideration of property ownership and in general, the needs and welfare of the people. The evaluation of the impact of this project will also include application of the Clean Water Act Section 404(b)(1) Guidelines promulgated by the Administrator, United States Environmental Protection Agency.

ENDANGERED SPECIES:

A preliminary review of this application indicates that the proposed work is not likely to adversely affect federally listed threatened or endangered species or their critical habitat, pursuant to Section 7 of the Endangered Species Act, as amended. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

ESSENTIAL FISH HABITAT:

The Magnuson-Stevens Fishery Conservation and Management Act (MSFCMA), as amended by the Sustainable Fisheries Act of 1996 (Public Law 04-267), requires all federal agencies to consult with the National Marine Fisheries Service on all actions, or proposed actions, permitted, funded, or undertaken by the agency that may adversely affect Essential Fish Habitat (EFH), including species of concern, life cycle habitat, or Habitat Areas of Particular Concern. The project site lies in or adjacent to EFH as described under MSFCMA for managed species under the MSFCMA. The Baltimore District has made a preliminary determination that the project is not withinon EFH. The Baltimore District has made a preliminary determination that mitigative measures are not required to minimize adverse effects on EFH at this time. This determination may be modified if additional information indicates otherwise.

HISTORIC RESOURCES:

Pursuant to Section 106 of the National Historic Preservation Act of 1966 and applicable guidance, the Corps has reviewed the latest published version of the National Register of Historic Places and initially determined that no registered properties listed as eligible for inclusion, therein, are located at the site of the proposed work. The Corps has made the preliminary determination that the proposed project would have no adverse effect on historic properties. The Corps final eligibility and effect determination will be based on coordination with the State Historic Preservation Office as appropriate and required, and with full consideration given to the proposed undertaking’s potential direct and indirect effects on historic properties within the Corps’ identified permit area.

TRIBAL RESOURCES:

Section 106 of the National Historic Preservation Act also requires federal agencies to consult with federally recognized American Indian tribes that attach religious and cultural significance to historic properties that may be affected by the agency’s undertaking. Corps Tribal Consultation Policy mandates an open, timely, meaningful, collaborative, and effective deliberative communication process that emphasizes trust

respect, and shared responsibility. The policy further emphasizes that, to the extent practicable and permitted by law, consultation works toward mutual consensus and begins at the earliest planning stages before decisions are made and actions taken. The Corps final eligibility and effect determination will be based on coordination with interested tribes, in accordance with the Corps current tribal standard operating procedures as appropriate and required, and with full consideration given to the proposed undertaking's potential direct and indirect effects on tribal resources.

MODIFICATION OF CIVIL WORKS PROJECTS: 33 USC 408 (SECTION 408):

All Section 408 proposals will be coordinated internally at the United States Army Corps of Engineers. The Section 408 decision will be issued along with the Section 404 and/or Section 10 decision. Please see the following link for more information regarding Section 408: https://www.nab.usace.army.mil/Missions/Regulatory/Section-408-Requests/.

WATER QUALITY CERTIFICATION:

The applicant is required to obtain a water quality certification in accordance with Section 401 of the Clean Water Act.

COASTAL ZONE MANAGEMENT PROGRAMS:

Where applicable, the applicant has certified in this application that the proposed activity complies with and will be conducted in a manner consistent with the approved Coastal Zone Management Program. By this public notice, we are requesting the State concurrence or objection to the applicant's consistency statement.

The applicant must obtain any state or local government permits which may be required.

SUBMISSION OF COMMENTS:

The Corps of Engineers is soliciting comments from the public; federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental

Impact Statement pursuant to the National Environmental Policy Act. Comments provided will become part of the public record for this action and are subject to release to the public through the Freedom of Information Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Written comments concerning the work described above related to the factors listed above or other pertinent factors must be received by the United States Army Corps of Engineers, Baltimore District within the comment period specified above through postal mail at the address below or electronic submission to the project manager email address below. Written comments should reference the Application Number NAB-2023-61316-M46.

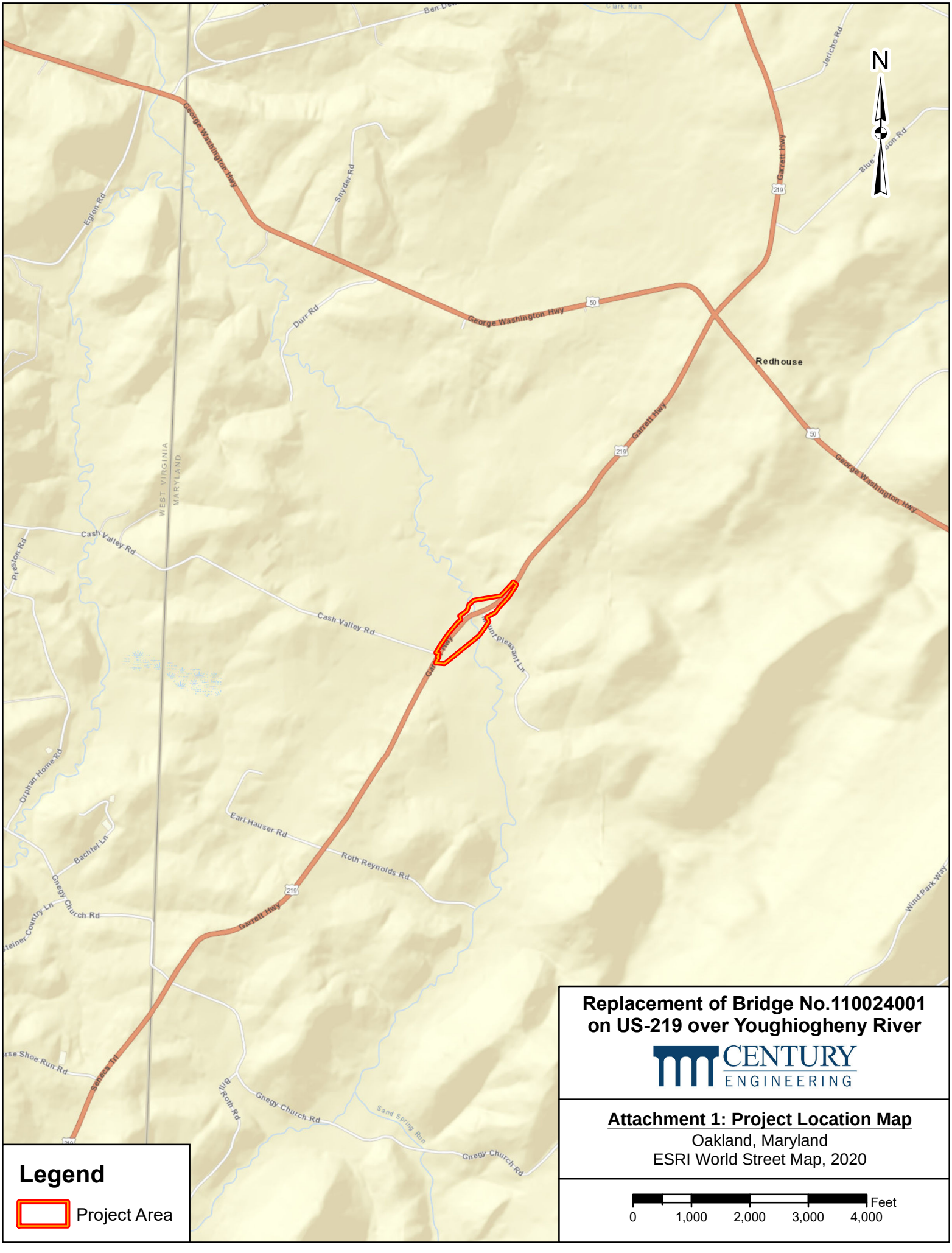
PUBLIC HEARING REQUESTS:

Any person who has an interest which may be adversely affected by the issuance of this permit may request a public hearing. The request, which must be in writing, must be received within the comment period as specified above to receive consideration. Also, it must clearly set forth the interest which may be adversely affected by this activity and the manner in which the interest may be adversely affected. The public hearing request may be submitted by electronic mail or mailed to the following address:

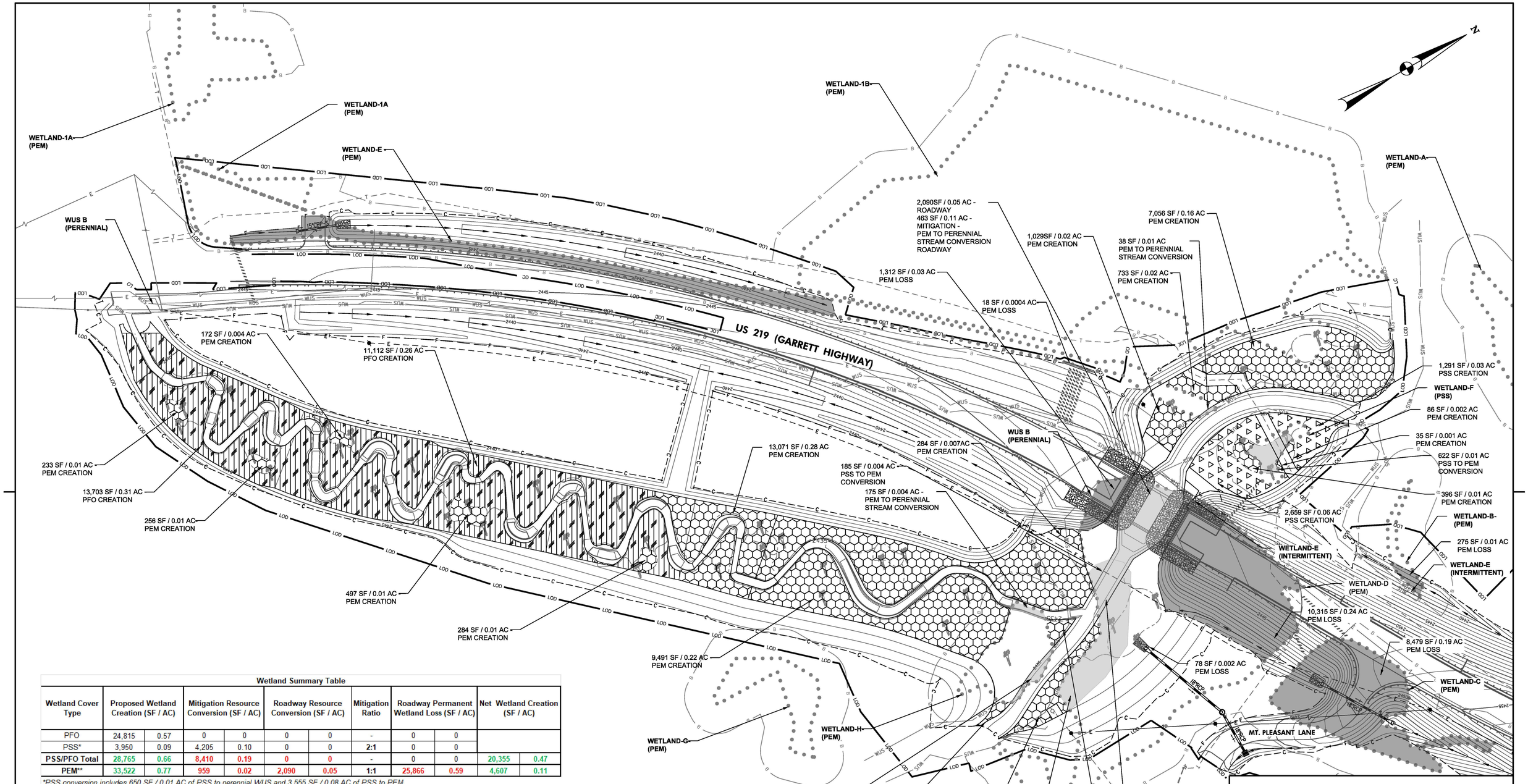
Ms. Nicole Nasteff
Nicole.m.voelker@usace.amry.mil
U.S. Army Corps of Engineers, Baltimore District
Regulatory Branch
2 Hopkins Plaza, Baltimore, MD 21201

It is requested that you communicate this information concerning the proposed work to any persons known by you to be interested, who did not receive a copy of this notice.

General information regarding the Corps' permitting process can be found on our website at https://www.nab.usace.army.mil/Missions/Regulatory.aspx. This public notice has been prepared in accordance with Corps implementing regulations at 33 CFR 325.3. If you have any questions concerning this specific project or would like to request a paper copy of this public notice, please contact Ms. Nicole Nasteff, (410) 962-1847, nicole.m.voelker@usace.army.mil). This public notice is issued by the Chief, Regulatory Branch.


N
George Washington Hwy
Garrett Hwy
Redhouse
Cash Valley Rd
Durr Rd
Snyder Rd
Eglon Rd
Jericho Rd
Preston Rd
Orphan Home Rd
Bachtel Ln
Gnegy Church Rd
Earl Hauser Rd
Roth Reynolds Rd
Seneca Trl
Sand Spring Run
Wind Park Way
WEST VIRGINIA
MARYLAND
219
50
Legend
Project Area
Replacement of Bridge No.110024001
on US-219 over Youghiogheny River
CENTURY
ENGINEERING
Attachment 1: Project Location Map
Oakland, Maryland
ESRI World Street Map, 2020
0
1,000
2,000
3,000
4,000
Feet

Proposed Compensatory Mitigation and Project Overview



Wetland Summary Table

Wetland Cover Type	Proposed Wetland Creation (SF / AC)		Mitigation Resource Conversion (SF / AC)		Roadway Resource Conversion (SF / AC)		Mitigation Ratio	Roadway Permanent Wetland Loss (SF / AC)		Net Wetland Creation (SF / AC)	
PFO	24,815	0.57	0	0	0	0	-	0	0		
PSS*	3,950	0.09	4,205	0.10	0	0	2:1	0	0		
PSS/PFO Total	28,765	0.66	8,410	0.19	0	0	-	0	0	20,355	0.47
PEM**	33,522	0.77	959	0.02	2,090	0.05	1:1	25,866	0.59	4,607	0.11

**PSS conversion includes 650 SF / 0.01 AC of PSS to perennial WUS and 3,555 SF / 0.08 AC of PSS to PEM*

***PEM conversion includes 3,049 SF / 0.07 AC of PEM to perennial WUS*

Notes:

1. Existing wetlands and utility easements within the proposed wetland creation areas have been removed from the overall proposed wetland mitigation totals.

2. All permanent wetland loss proposed in the mitigation area is resource conversion.

LEGEND

PERMANENT WETLAND LOSS
25,866 SF / 0.59 AC

RESOURCE CONVERSION
7,254 SF / 0.17 AC

PROPOSED PFO CREATION
24,815 SF / 0.57 AC

PROPOSED PSS CREATION
3,950 SF / 0.09 AC

PROPOSED PEM CREATION
33,522 SF / 0.77 AC

LOD — LIMIT OF DISTURBANCE

NONTIDAL WETLAND BOUNDARY

B — NONTIDAL 25' WETLAND BUFFER

WUS — NONTIDAL STREAM BOUNDARY

*NO REGULATED RESOURCE OR PROPOSED MITIGATION BEYOND LIMITS

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF ENVIRONMENTAL DESIGN

REPLACEMENT OF BRIDGE NO. 1102400 ON US 219 OVER YOUGHIOGHENY RIVER

PHASE II MITIGATION FIGURE

SCALE 1" = 40' ADVERTISED DATE JANUARY 2025 CONTRACT NO. GA1735180

DESIGNED BY KS
DRAWN BY KS
CHECKED BY CB
MDE/PRD 20-PR-0007

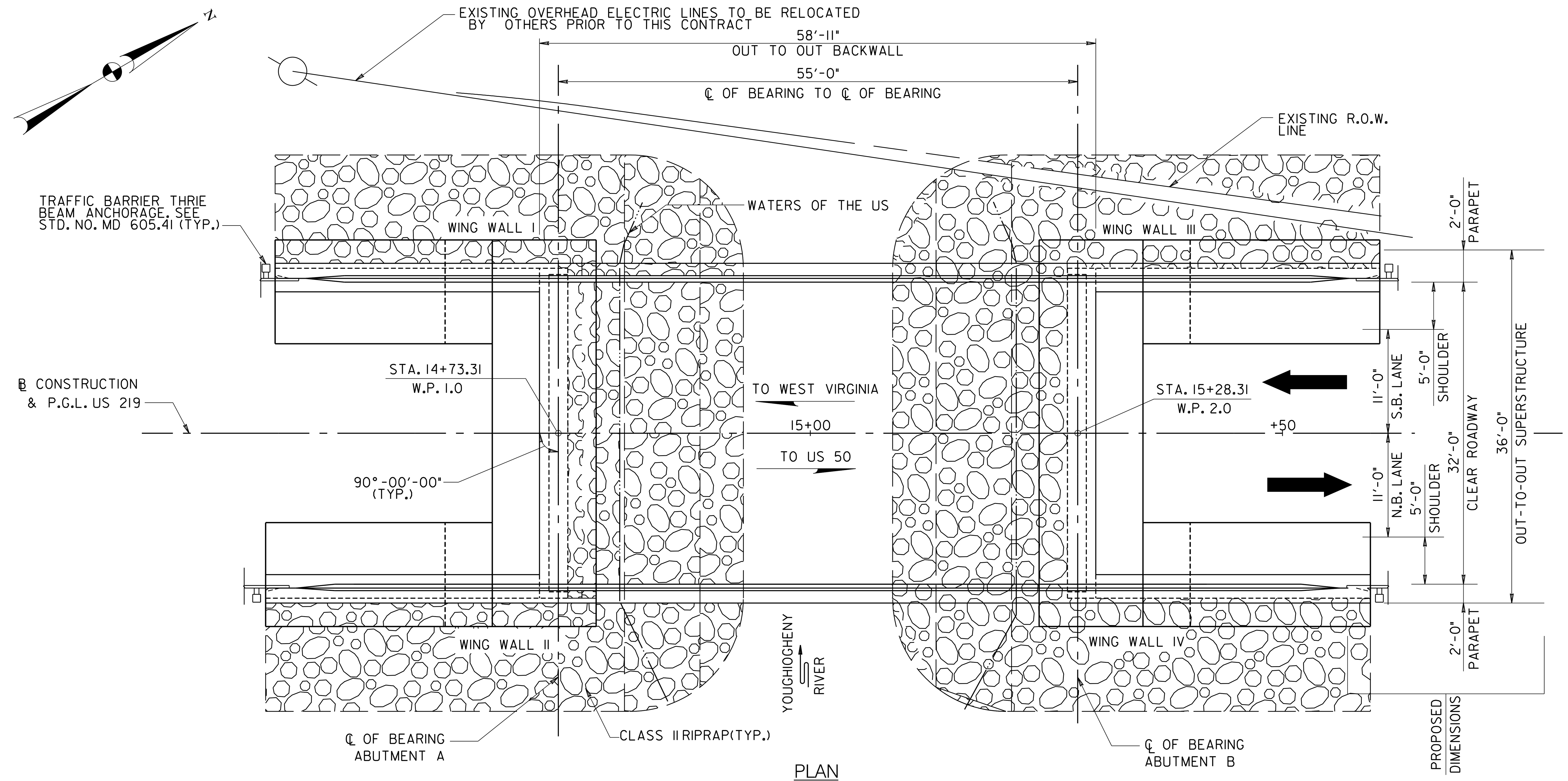
COUNTY GARRETT
LOGMILE

SHEET NO. 1 OF 1

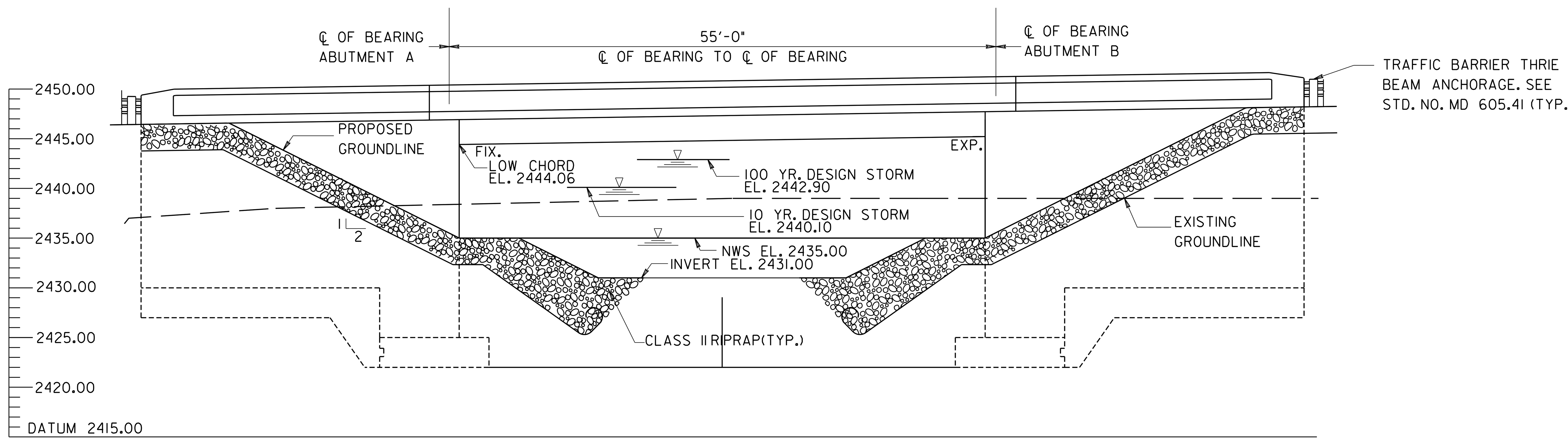
BY: kstirek –

PLOTTED: 10/22/2024
FILE: pw:\\shavmpwx.shacadd.ad.mdot.mdstate:SHAEDMS01\Documents\Projects (MW)\Garrett\GA173 - US 219 over Youghiogheny River\Wetlands and Waterways\Permits\CAD\Phase II\Phase 2 Mitigation Figure.dgn

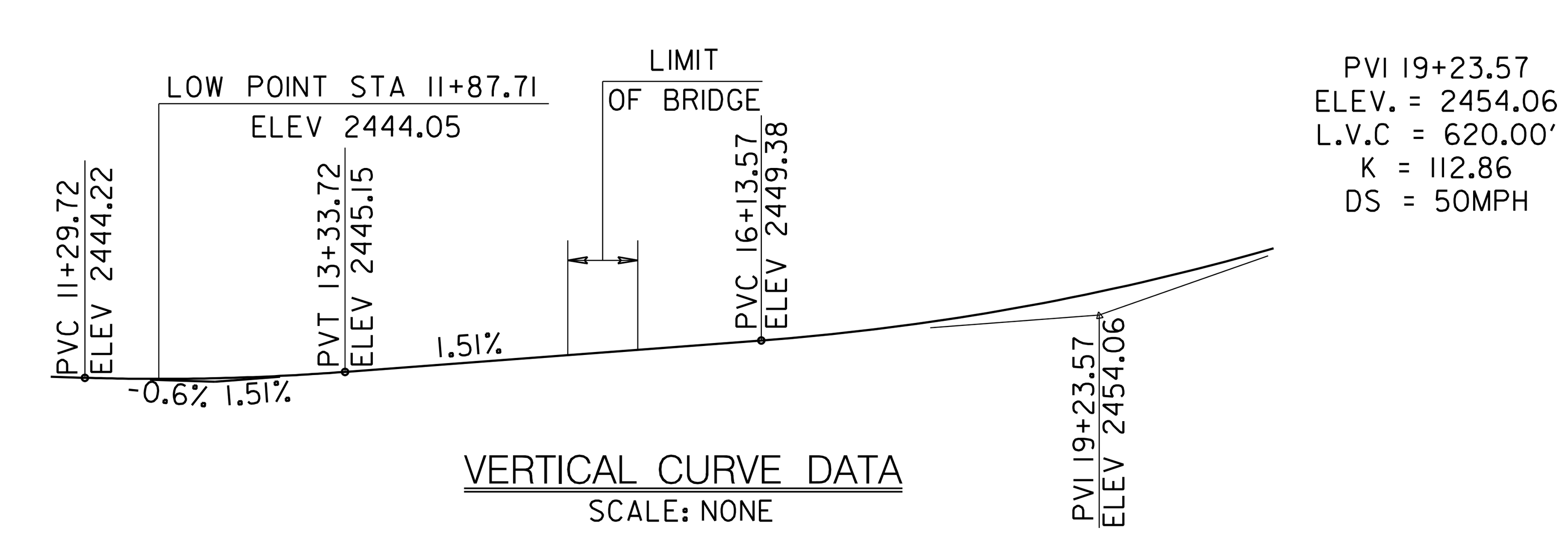
Bridge Replacement Plan Sheets



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



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



VERTICAL CURVE DATA
SCALE: NONE

GENERAL NOTES

SPECIFICATIONS: MDOT SHA STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, DATED JULY 2024.

DESIGN: AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, DATED 2020.

LOADING: HL-93 WITH PROVISIONS FOR FUTURE 2" WEARING SURFACE AND 15 LBS/SQ. FT. FOR USE OF STEEL BRIDGE DECK FORMS WHICH REMAIN IN PLACE.

LOAD RESTRICTIONS: THERE ARE RESTRICTIONS FOR PLACING EQUIPMENT AND MATERIALS ON NEW AND EXISTING STRUCTURE(S). REFER TO SECTION TC 6.14.

CONCRETE: CONCRETE COMPRESSIVE STRENGTH FOR DESIGN SHALL BE:
f'c = 3,000 PSI FOR ELEMENTS USING MIX NO. 3
f'c = 4,000 PSI FOR ELEMENTS USING MIX NO. 6

ALL CONCRETE FOR ABUTMENT BACKWALLS, PARAPET AT ABUTMENT WING WALLS AND ENTIRE SUPERSTRUCTURE SHALL BE MIX NO. 6 (4,500 PSI) CONTAINING SYNTHETIC MICROFIBERS (SEE SECTION 902.15.01).

ALL OTHER STRUCTURE CONCRETE SHALL BE MIX NO. 3 (3,500 PSI).

REINFORCING STEEL: REINFORCING STEEL SHALL CONFORM TO ASTM A 615 GRADE 60, WITH A YIELD STRENGTH FOR DESIGN OF fy = 60,000 PSI.

ALL SPLICES, NOT SHOWN, SHALL BE LAPPED AS PER BAR LAP CHARTS.

MINIMUM CLEAR COVER FOR REINFORCING STEEL SHALL BE 2" EXCEPT FOR THE FOLLOWING LOCATIONS:

LOCATION	CLEAR COVER
Bottom of bridge deck slabs.	1 IN.
Top of bridge deck slabs.	2½ IN.
Bottom and sides of all footings.	3 IN.

STRUCTURAL STEEL: NEW STRUCTURAL STEEL SHALL CONFORM TO A 709, GRADE 50. INCLUDING THE ADDITIONAL REQUIREMENTS FOR CHARPY V-NOTCH TESTING OF M 270, FOR PRIMARY LOAD CARRYING MEMBERS. REFER TO SECTION 909.01.

AFTER FABRICATION, ALL NEW STRUCTURAL STEEL COMPONENTS INCLUDING GIRDERS, CHANNEL DIAPHRAGMS, CONNECTION PLATES, STIFFENERS AND BEARINGS SHALL RECEIVE A HOT DIP GALVANIZED PROTECTIVE COATING PRIOR TO BEING SHIPPED TO SITE. SEE SECTION 465.

EXISTING STRUCTURES: ALL DIMENSIONS AFFECTED BY THE GEOMETRY AND/OR LOCATION OF THE STRUCTURE(S): EXISTING STRUCTURE(S) SHALL BE CHECKED IN THE FIELD BY THE CONTRACTOR BEFORE ANY MATERIAL IS ORDERED OR FABRICATED OR CONSTRUCTION BEGINS.

REVISIONS

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF STRUCTURES

BRIDGE REPLACEMENT
BRIDGE NO. 1102400
US 219 (GARRETT HIGHWAY)
OVER YOUGHIOGHENY RIVER

GENERAL PLAN AND ELEVATION

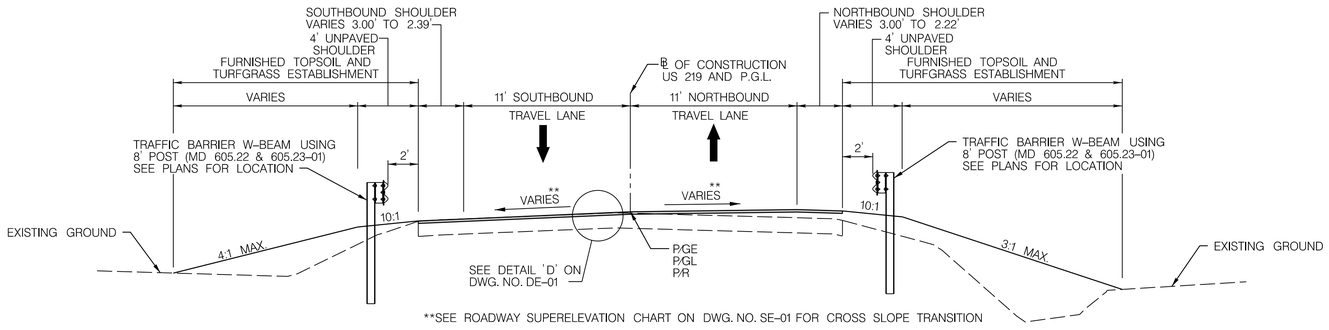
SCALE AS SHOWN DATE JULY 2024 CONTRACT NO. GA1735180

DESIGNED BY Y.A.
DRAWN BY Y.A.
CHECKED BY D.P.

TENTATIVE
OFFICE OF STRUCTURES
NOT FOR PUBLIC INFORMATION

DRAWING NO. S-1 OF S-11
SHEET NO. 95 OF 118

STRUCTURE INVENTORY NO. 1102400
SURVEY BOOK NO. 18047 & 25249



**SEE ROADWAY SUPERELEVATION CHART ON DWG. NO. SE-01 FOR CROSS SLOPE TRANSITION

US 219 (GARRETT HIGHWAY)
WEDGE & LEVEL CONSTRUCTION
SUPERELEVATED SECTION

STA. 22+50± TO STA. 24+00

TYPICAL SECTION NOTES:

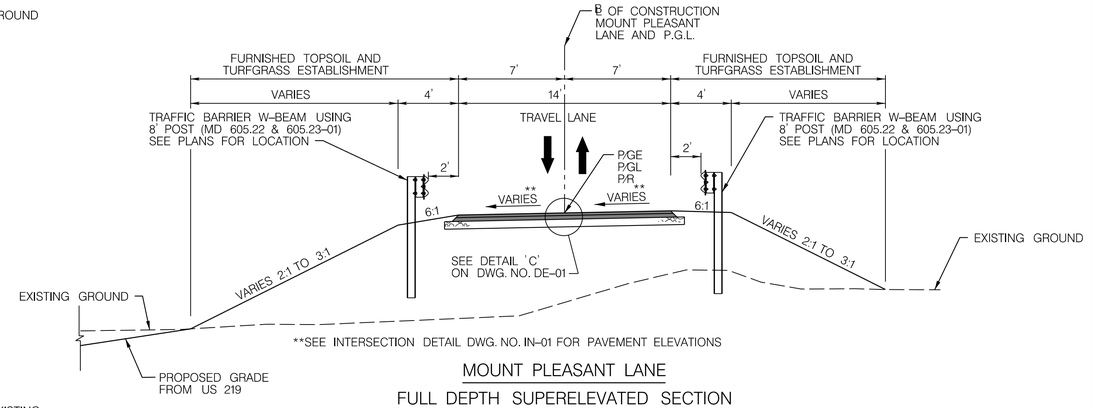
1. SEE ROADWAY PLAN FOR LANE AND SHOULDER LOCATIONS AND DIMENSIONS.
2. SEE ROADWAY PLAN FOR TRAFFIC BARRIER LOCATIONS AND DIMENSIONS.
3. SEE SUPERELEVATION SHEET FOR ROADWAY CROSS-SLOPE CHART AND PAVEMENT DETAILS SHEET FOR PAVEMENT DETAILS.
4. ALL ROADSIDE AREAS:

   ON SLOPES 2:1 AND STEEPER, PLACE FURNISHED TOPSOIL 2 IN. DEPTH, PERFORM TURFGRASS ESTABLISHMENT, AND INSTALL TYPE A SOIL STABILIZATION MATTING (SSM), UNLESS OTHERWISE NOTED.

   ON SLOPES 4:1 AND STEEPER, AND FLATTER THAN 2:1, PLACE FURNISHED TOPSOIL 4 IN. DEPTH, TURFGRASS ESTABLISHMENT, AND INSTALL TYPE A SSM, UNLESS OTHERWISE NOTED.

   IN AREAS FLATTER THAN 4:1: PLACE FURNISHED TOPSOIL 4 IN. DEPTH, AND PERFORM TURFGRASS ESTABLISHMENT, UNLESS OTHERWISE NOTED.

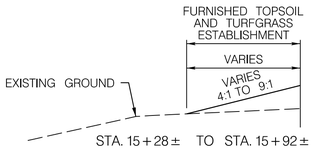
5. BRIDGE APPROACH PAVEMENT SECTION SHALL CORRESPOND TO STD. NO. MD 580.09 (LIGHT TRAFFIC).



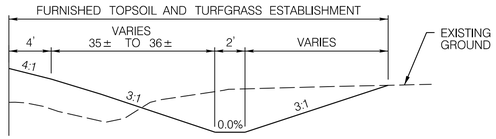
**SEE INTERSECTION DETAIL DWG. NO. IN-01 FOR PAVEMENT ELEVATIONS

MOUNT PLEASANT LANE
FULL DEPTH SUPERELEVATED SECTION

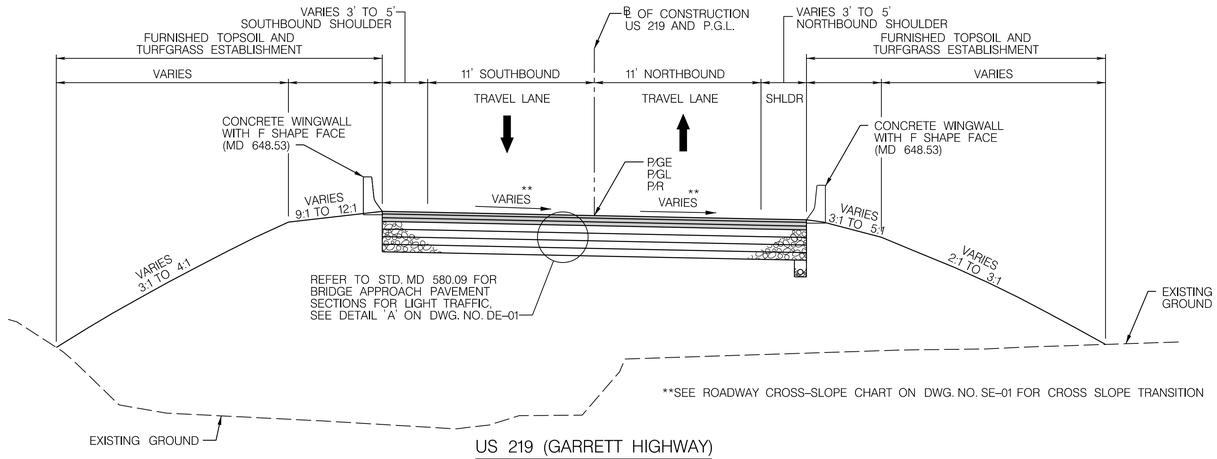
STA. 101+42± TO STA. 102+33±



STA. 15+28± TO STA. 15+92±



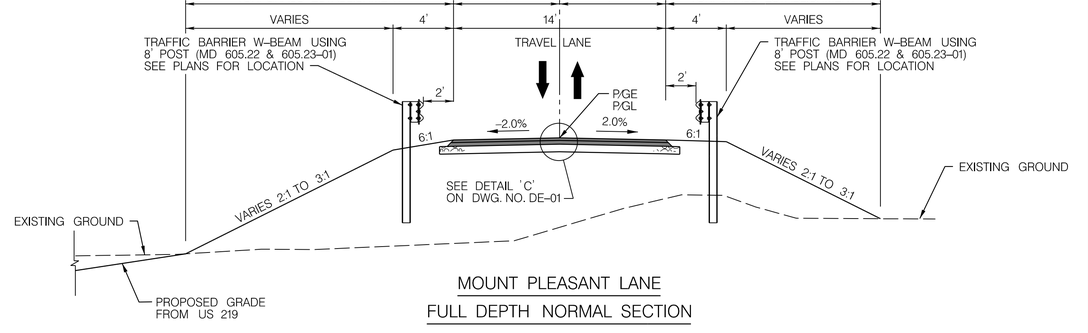
STA. 15+28± TO STA. 15+92±



**SEE ROADWAY CROSS-SLOPE CHART ON DWG. NO. SE-01 FOR CROSS SLOPE TRANSITION

US 219 (GARRETT HIGHWAY)
FULL DEPTH SUPERELEVATED SECTION

STA. 14+13± TO BRIDGE
BRIDGE TO STA. 15+92±



MOUNT PLEASANT LANE
FULL DEPTH NORMAL SECTION

STA. 100+50± TO STA. 101+42±

WALLACE MONTGOMERY
ENGINEERS·PLANNERS·SURVEYORS·CONSTRUCTION MANAGERS
10150 York Road, Suite 200
Hunt Valley, Maryland 21030
410.494.9093 Tel / 410.667.0925 Fax
www.WallaceMontgomery.com
A Limited Liability Partnership

BY: nkern -

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

HIGHWAY DESIGN DIVISION

REPLACEMENT OF BRIDGE NO. 1102400
ON US 219 OVER YOUGHIOGHENY RIVER

R / W PLAT NUMBER

BPY
61532
62353
62354

ITEM	DRAWING NOs.
TYPICAL SECTIONS	TS-01 TO TS-02
SUPERELEVATION TABLES	SE-01
PAVEMENT DETAILS	DE-01
GEOMETRIC LAYOUTS	GS-01 TO GS-02
ROADWAY PLANS	PS-01 TO PS-04
ROADWAY PROFILES	PR-01 TO PR-05
TRAFFIC CONTROL PLANS	MT-01 TO MT-07
EROSION & SEDIMENT CONTROL PLANS	ES(1A)-01 TO ES(3B)-04
SIGNING & PAVEMENT MARKING PLANS	SN-2.01 TO SN-2.04
LANDSCAPE PLANS	LD-01 TO LD-07
BRIDGE PLANS	S1-01 TO S1-11

REVISIONS

PS&E REVIEW
JANUARY 7, 2025

THIS DOCUMENT/PLAN IS DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTRA-AGENCY DELIBERATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD. GENERAL PROVISIONS CODE ANN. § 4-344 (MARYLAND PUBLIC INFORMATION ACT) .

TYPICAL SECTIONS

SCALE N.T.S. ADVERTISED DATE MARCH 4 2025 CONTRACT NO. GA1735180

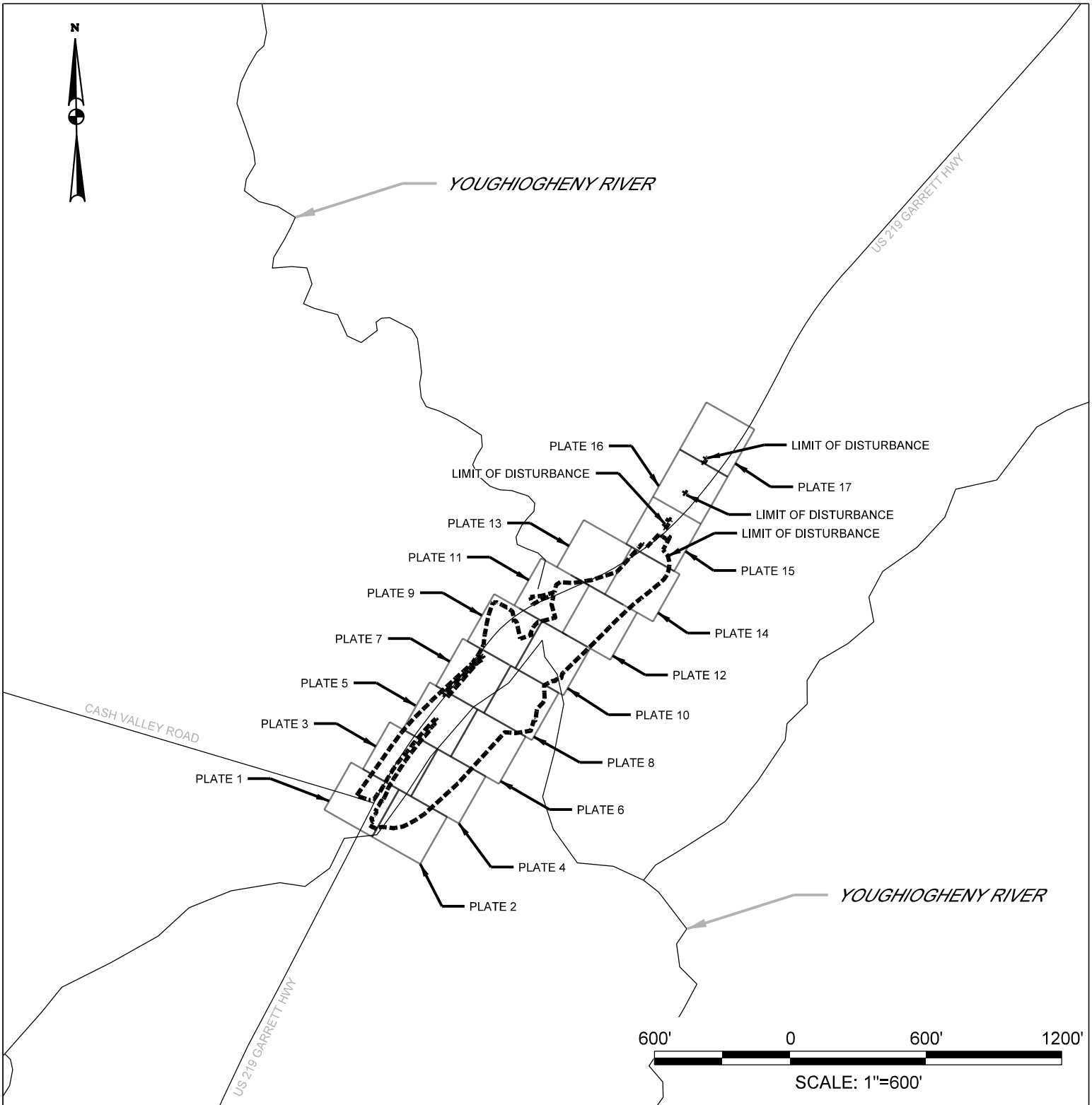
DESIGNED BY S.N.C.
DRAWN BY S.N.C.
CHECKED BY R.J.H.
MDE/PRD 20-PR-0007

COUNTY GARRETT
LOGMILE

DRAWING NO. TS-02 OF 02 SHEET NO. 05 OF 126

PLOTTED: 11/25/2024
FILE: pw:\\shavmpwx.shacadd.ad.mdot.mdstate:SHAEDMS01\Documents\Projects (MW)\Garrett\GA173 - US 219 over Youghiogheny River\Roadway Design\CAD\Print Sheets\pHT-X002_US219_WM.dgn

Impact Sheets



US 219 BRIDGE 1102400 REPLACEMENT AND MITIGATION DESIGN

KEY SHEET

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

CENTURY ENGINEERING
A KLEINFELDER COMPANY
10710 GILROY ROAD HUNT VALLEY , MD 21031
PHONE: 443-589-2400

County : GARRETT COUNTY	Scale: 1" = 600'	Date: 12/2/2024	Drawn By: KS	Contract No. BCS 2012-03G	Page 1 of 20

EXISTING FEATURES

WATERS OF THE U.S. — WUS

NONTIDAL WETLAND BOUNDARY

25' NONTIDAL WETLAND BUFFER — B

100 YEAR FLOODPLAIN

EX. TELEPHONE LINE

EX. MAJOR CONTOUR — 2440

EX. MINOR CONTOUR

EX. GUARD RAIL

EX. VEGETATION LINE

EX. OVERHEAD ELECTRIC UTILITY — E

EX. CULVERT

EX. TELEPHONE LINE — T — TEL

PROPOSED MITIGATION FEATURES

PROPOSED GRADE CONTROL LOG — LS

PROPOSED HABITAT FEATURE

PROPOSED CHANNEL BED MATERIAL

PROPOSED ROADWAY FEATURES

PROPOSED LIMIT OF DISTURBANCE — LOD

TEMPORARY TRAFFIC UTILITIES — p

PROPOSED ROAD EDGE

PROPOSED FILL — F

PROPOSED CUT — C

PROPOSED OVERHEAD ELECTRIC — E

PROPOSED UNDERGROUND ELECTRIC — E

PROPOSED FENCE

PROPOSED MAJOR CONTOUR — 2440

PROPOSED MINOR CONTOUR

PROPOSED GUARDRAIL

PROPOSED STORMWATER PIPE AND RIPRAP

PROPOSED RIPRAP

PROPOSED BRIDGE

PROPOSED IMPACTS

	BRIDGE	MITIGATION
PERMANENT WETLAND BUFFER IMPACT		
PERMANENT WETLAND IMPACT		
PERMANENT WATERS OF THE U.S. IMPACT		
TEMPORARY WETLAND BUFFER IMPACT		
TEMPORARY WETLAND IMPACT		
TEMPORARY WATERS OF THE U.S. IMPACT		

PROPOSED MITIGATION EROSION & SEDIMENT CONTROL

PUMP — P

FILTER BAG — FB

HOSE

ROCK OUTLET PROTECT

ACCESS ROAD

SILT FENCE — SF

SUPER SILT FENCE — SSF

DIVERSION FENCE — DF

CLEAR WATER DIVERSION PIPE

MOUNTABLE BERM

STABILIZED CONSTRUCTION ENTRANCE — SCE

SANDBAG DIVERSION

TEMPORARY GABION OUTLET STRUCTURE — TGOS

MEDIAN INLET PROTECTION — MIP

SUMP INLET PROTECTION — SIP

MODIFIED GABION INLET PROTECTION — MGIP

EARTH DIKE — A-2

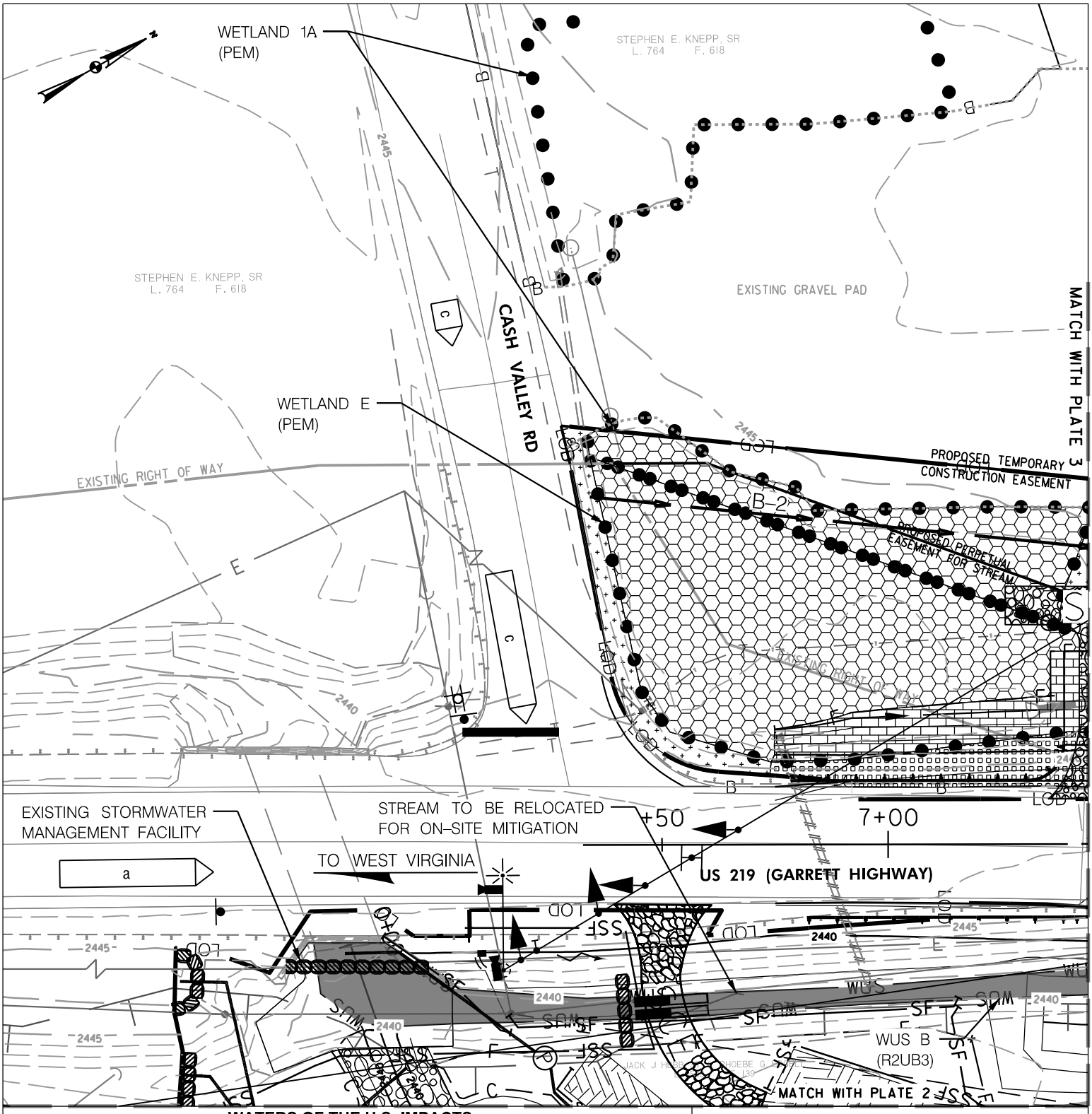
EROSIONAL BERM

US 219 BRIDGE 1102400 REPLACEMENT AND MITIGATION DESIGN

LEGEND

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

CENTURY ENGINEERING
A KLEINFELDER COMPANY
10710 GILROY ROAD HUNT VALLEY , MD 21031
PHONE: 443-589-2400



WATERS OF THE U.S. IMPACTS

IMPACTS:	MITIGATION TEMPORARY	MITIGATION PERMANENT	BRIDGE REPLACEMENT TEMPORARY	BRIDGE REPLACEMENT PERMANENT
WETLAND	NONE	NONE	5,126 SF / 0.12 AC	713 SF / 0.02 AC
WETLAND BUFFER	NONE	NONE	600 SF / 0.01 AC	558 SF / 0.01 AC
WATERWAY	NONE	1,140 SF / 0.03 AC / 174 LF	NONE	NONE
FLOODPLAIN IMPACT: 3,669 SF / 0.08 AC			NONE	

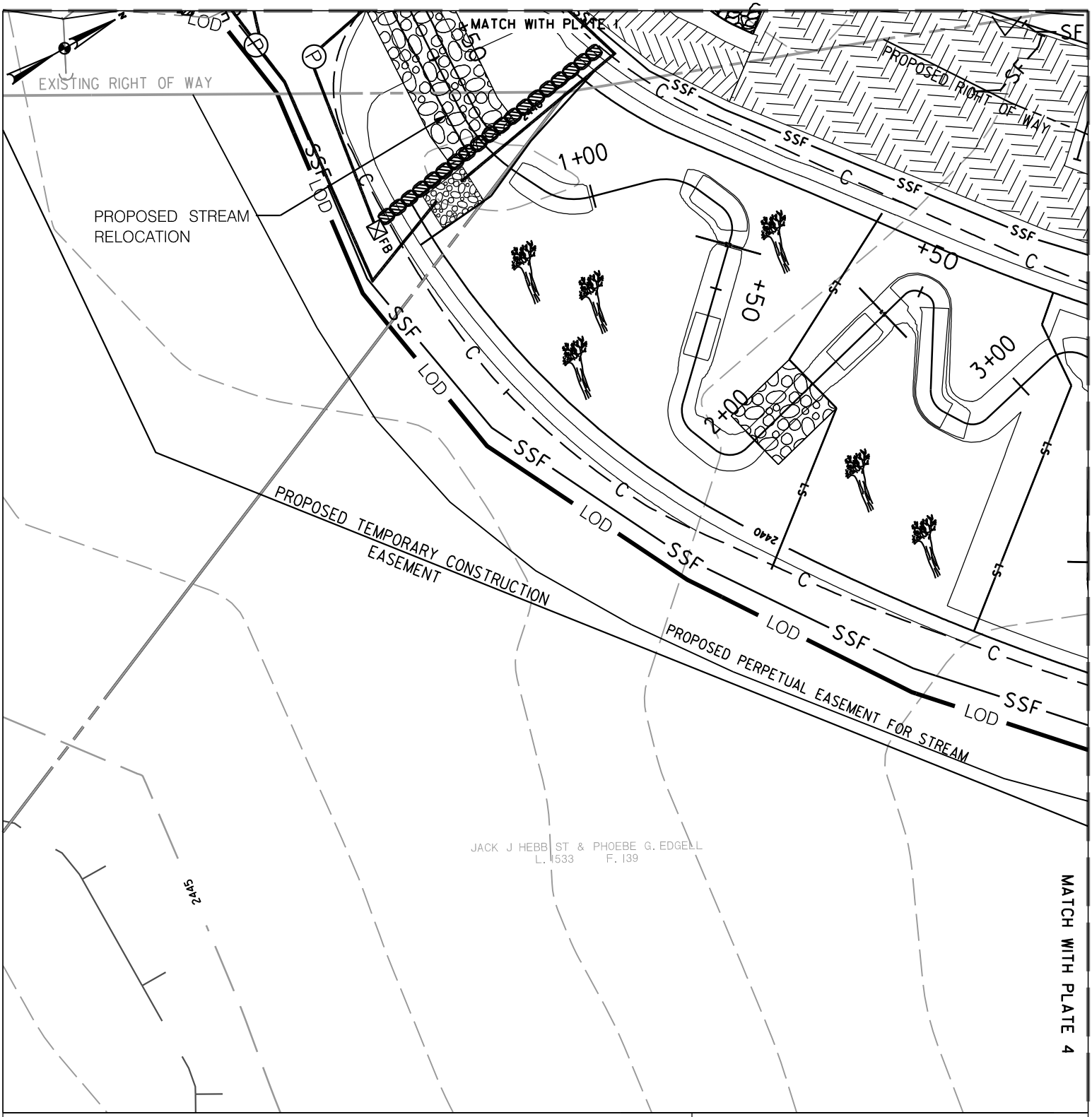
US 219 BRIDGE 1102400 REPLACEMENT AND MITIGATION DESIGN

IMPACT PLATE 1

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

CENTURY ENGINEERING
A KLEINFELDER COMPANY
10710 GILROY ROAD HUNT VALLEY, MD 21031
PHONE 443-589-2400

County : GARRETT COUNTY	Scale: 1" = 30'	Date: 12/2/2024	Drawn By: KS	Contract No. BCS 2012-03G	Page 3 of 20



WATERS OF THE U.S. IMPACTS

IMPACTS:	MITIGATION TEMPORARY	MITIGATION PERMANENT	BRIDGE REPLACEMENT TEMPORARY	BRIDGE REPLACEMENT PERMANENT
WETLAND	NONE	NONE	NONE	NONE
WETLAND BUFFER	NONE	NONE	NONE	NONE
WATERWAY	NONE	NONE	NONE	NONE
FLOODPLAIN IMPACT:	21,006 SF / 0.48 AC		NONE	

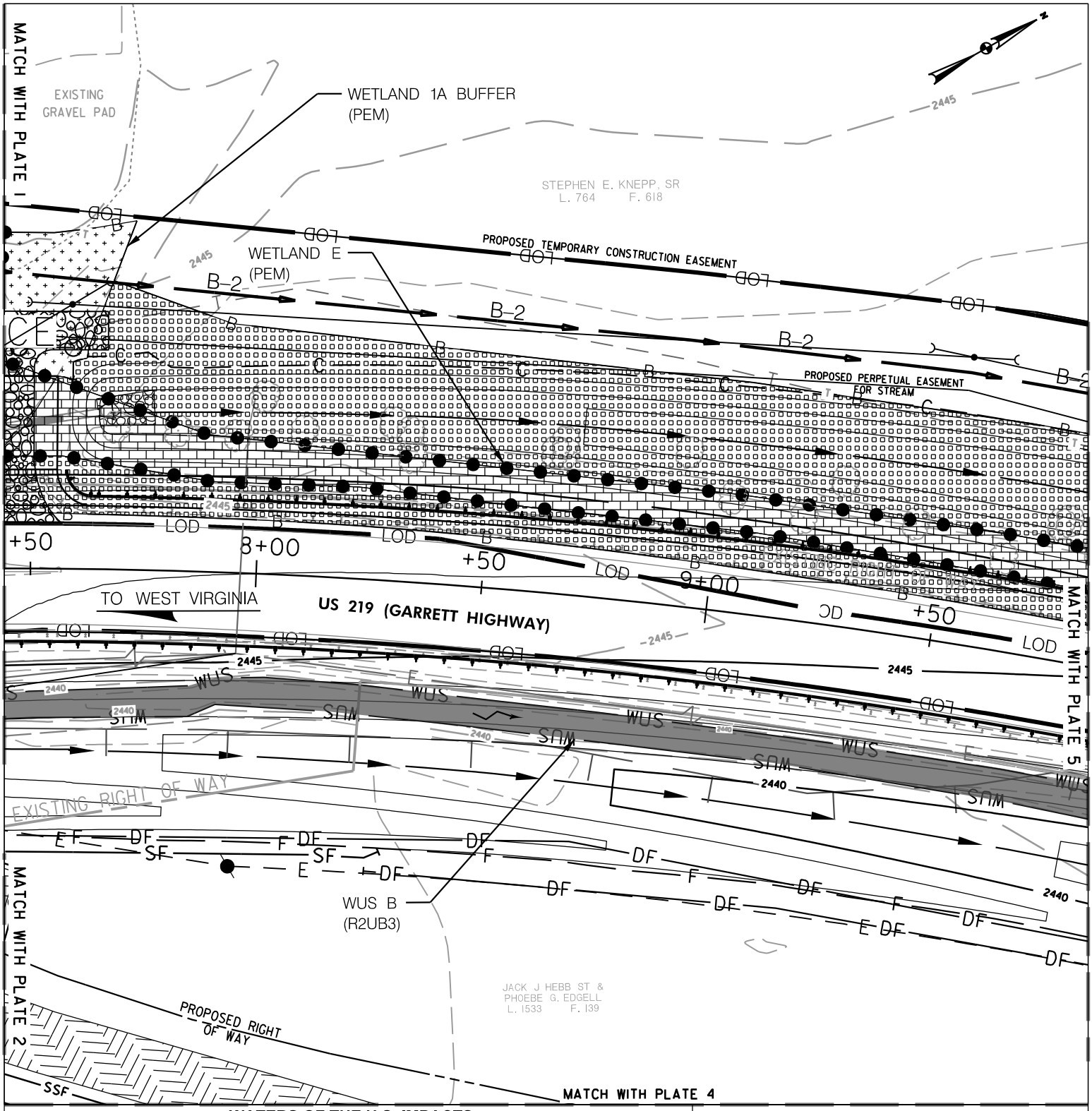
US 219 BRIDGE 1102400 REPLACEMENT AND MITIGATION DESIGN

IMPACT PLATE 2

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

CENTURY ENGINEERING
A KLEINFELDER COMPANY
10710 GILROY ROAD HUNT VALLEY, MD 21031
PHONE 443-589-2400

County : GARRETT COUNTY	Scale: 1" = 30'	Date: 12/2/2024	Drawn By: KS	Contract No. BCS 2012-03G	Page 4 of 20



WATERS OF THE U.S. IMPACTS

IMPACTS:	MITIGATION TEMPORARY	MITIGATION PERMANENT	BRIDGE REPLACEMENT TEMPORARY	BRIDGE REPLACEMENT PERMANENT
WETLAND	NONE	NONE	15 SF / 0.0003 AC	2,302 SF / 0.05 AC
WETLAND BUFFER	NONE	NONE	711 SF / 0.02 AC	7,646 SF / 0.18 AC
WATERWAY	NONE	1,549 SF / 0.04 AC / 242 LF	NONE	NONE
FLOODPLAIN IMPACT: 18,372 SF / 0.42 AC			19 SF / 0.0004 AC	

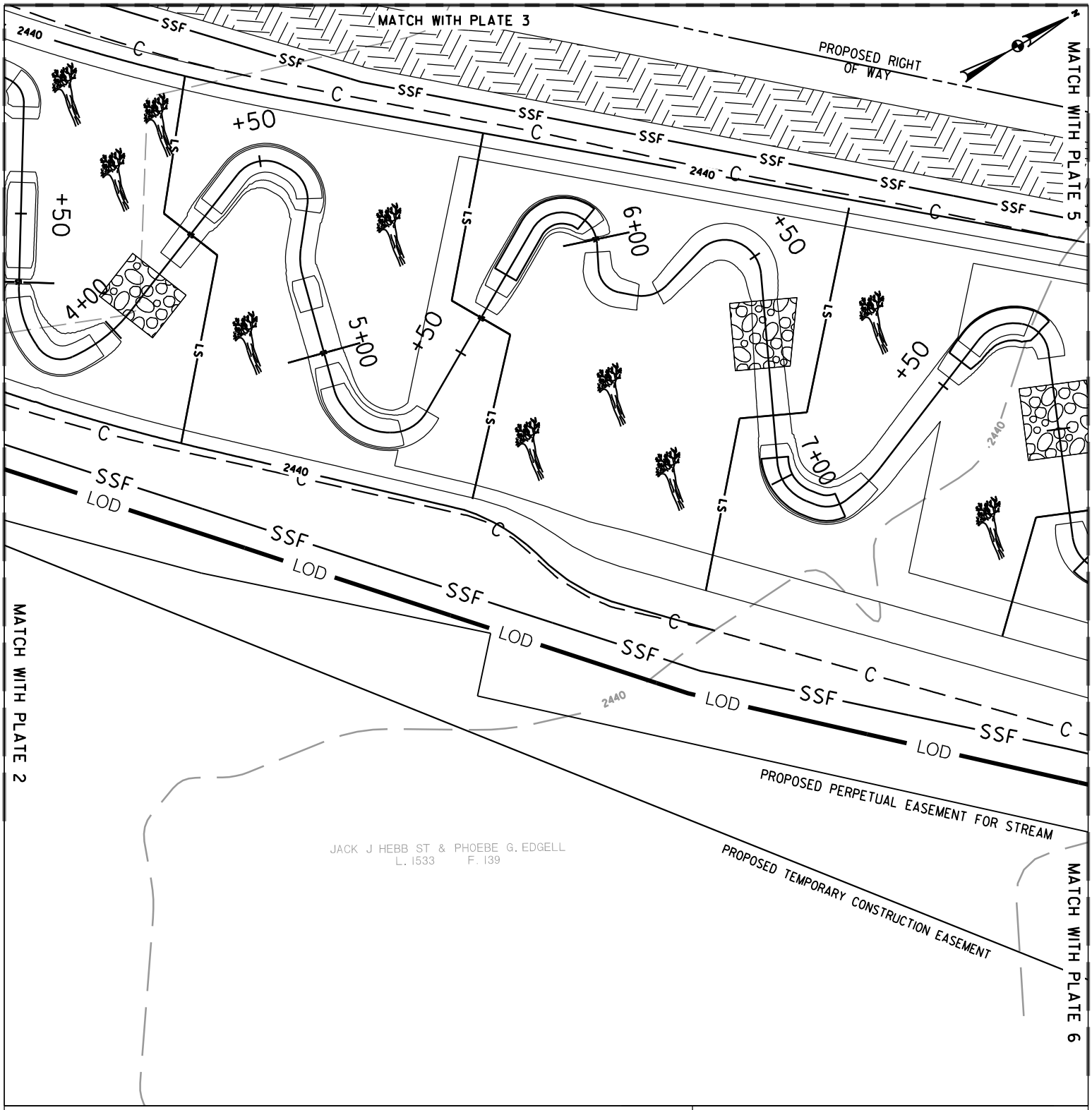
US 219 BRIDGE 1102400 REPLACEMENT AND MITIGATION DESIGN

IMPACT PLATE 3

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

CENTURY ENGINEERING
A KLEINFELDER COMPANY
10710 GILROY ROAD HUNT VALLEY, MD 21031
PHONE: 443-589-2400

County : GARRETT COUNTY	Scale: 1" = 30'	Date: 12/2/2024	Drawn By: KS	Contract No. BCS 2012-03G	Page 5 of 20



WATERS OF THE U.S. IMPACTS

IMPACTS:	MITIGATION TEMPORARY	MITIGATION PERMANENT	BRIDGE REPLACEMENT TEMPORARY	BRIDGE REPLACEMENT PERMANENT
WETLAND	NONE	NONE	NONE	NONE
WETLAND BUFFER	NONE	NONE	NONE	NONE
WATERWAY	NONE	NONE	NONE	NONE

FLOODPLAIN IMPACT: 33,718 SF / 0.77 AC — NONE

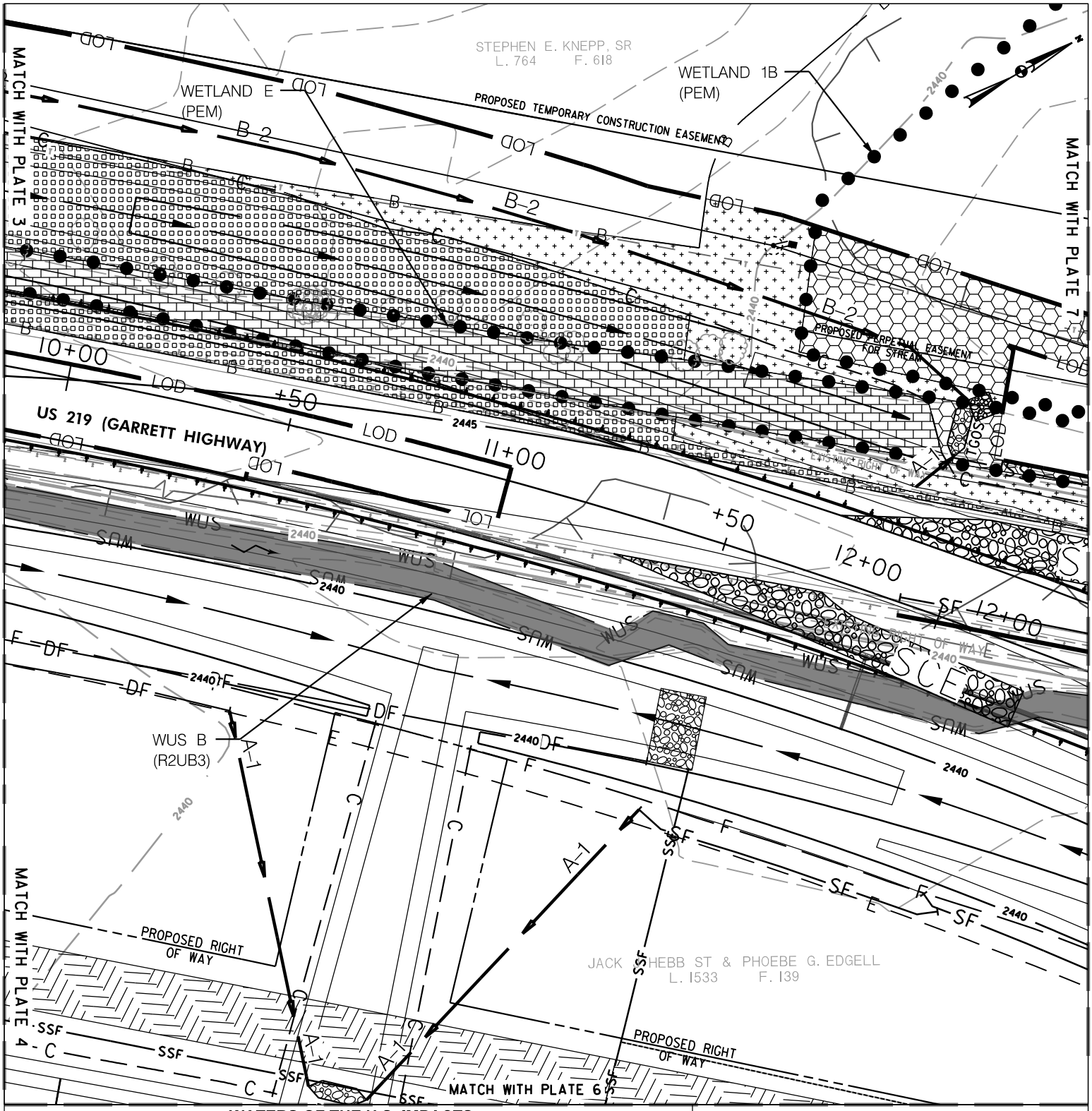
US 219 BRIDGE 1102400 REPLACEMENT AND MITIGATION DESIGN

IMPACT PLATE 4

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

CENTURY ENGINEERING
A KLEINFELDER COMPANY
10710 GILROY ROAD HUNT VALLEY , MD 21031
PHONE 443-589-2400

County : GARRETT COUNTY | Scale: 1" = 30' | Date: 12/2/2024 | Drawn By: KS | Contract No. BCS 2012-03G | Page 6 of 20



WATERS OF THE U.S. IMPACTS

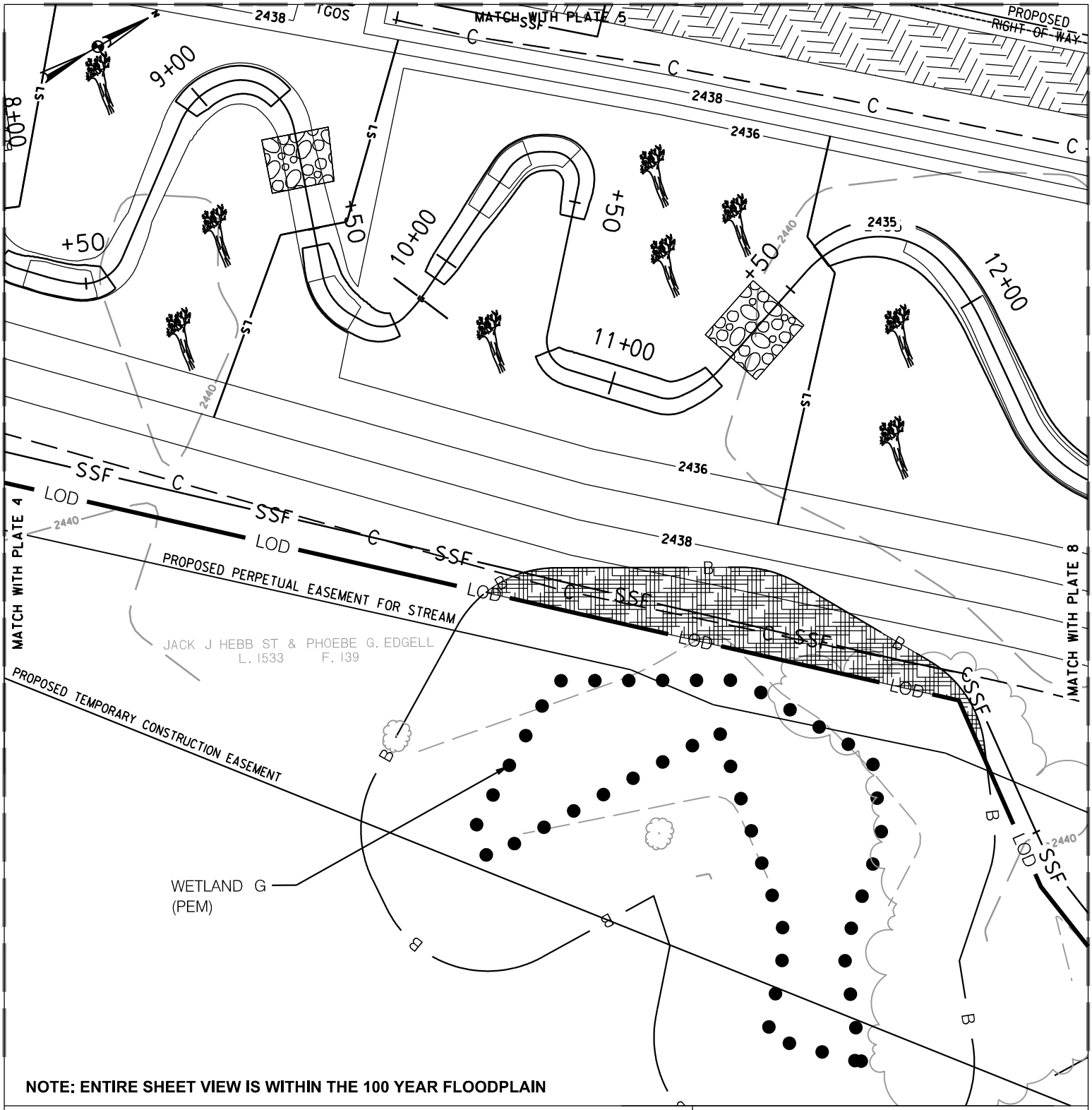
IMPACTS:	MITIGATION TEMPORARY	MITIGATION PERMANENT	BRIDGE REPLACEMENT TEMPORARY	BRIDGE REPLACEMENT PERMANENT
WETLAND	NONE	NONE	1,641 SF / 0.04 AC	2,374 SF / 0.05 AC
WETLAND BUFFER	NONE	NONE	2,562 SF / 0.06 AC	4,296 SF / 0.10 AC
WATERWAY	NONE	1,806 SF / 0.04 AC / 248 LF	NONE	NONE
FLOODPLAIN IMPACT: 25,155 SF / 0.58 AC			3,543 SF / 0.08 AC	

US 219 BRIDGE 1102400 REPLACEMENT AND MITIGATION DESIGN

IMPACT PLATE 5

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

CENTURY ENGINEERING
A KLEINFELDER COMPANY
10710 GILROY ROAD HUNT VALLEY, MD 21031
PHONE: 443-589-2400



NOTE: ENTIRE SHEET VIEW IS WITHIN THE 100 YEAR FLOODPLAIN

WATERS OF THE U.S. IMPACTS

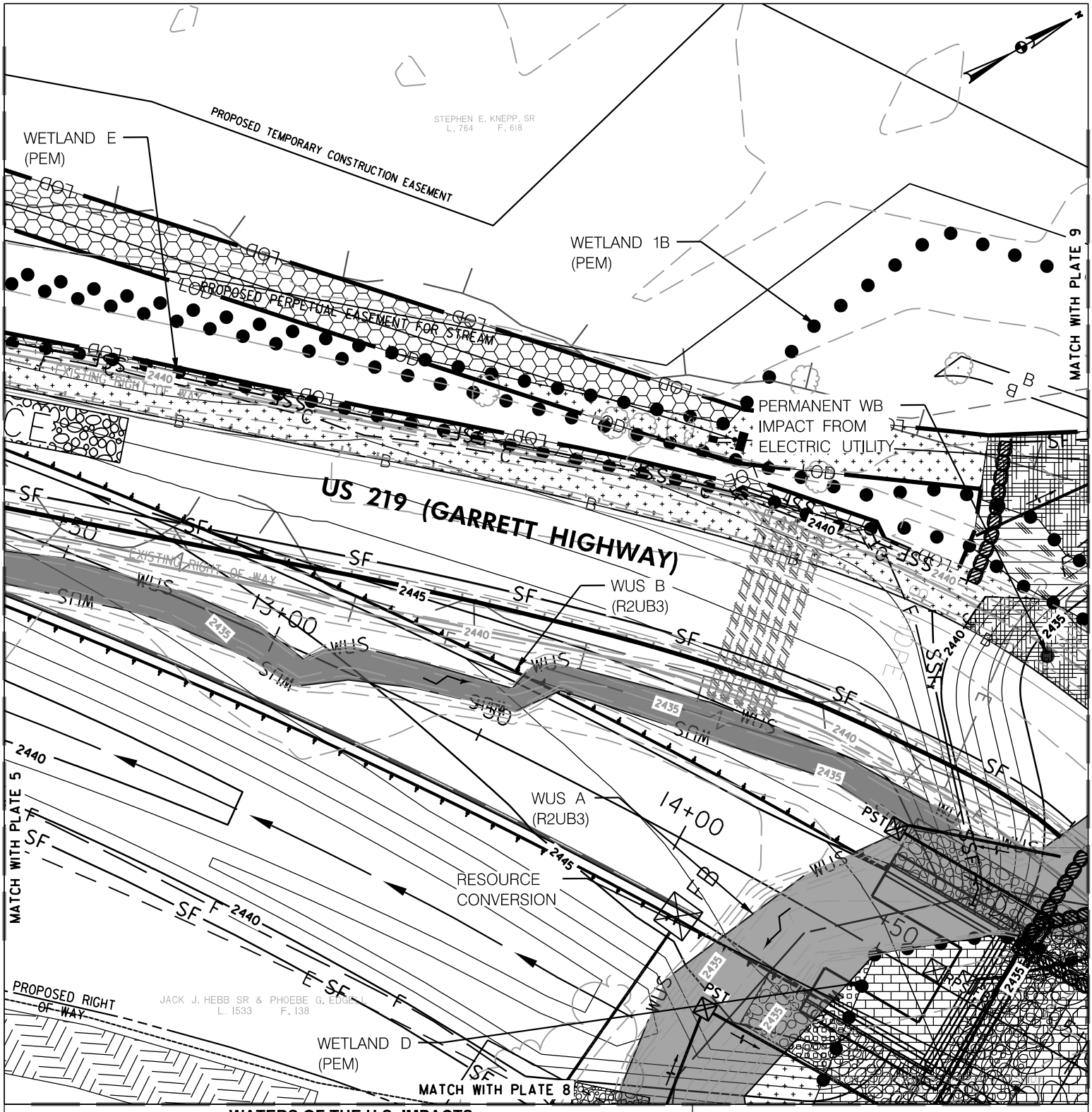
IMPACTS:	MITIGATION TEMPORARY	MITIGATION PERMANENT	BRIDGE REPLACEMENT TEMPORARY	BRIDGE REPLACEMENT PERMANENT
WETLAND	NONE	NONE	NONE	NONE
WETLAND BUFFER	1,314 SF / 0.03 AC	NONE	NONE	NONE
WATERWAY	NONE	NONE	NONE	NONE
FLOODPLAIN IMPACT: 32,752 SF / 0.75 AC			NONE	

US 219 BRIDGE 1102400 REPLACEMENT AND MITIGATION DESIGN

IMPACT PLATE 6

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

CENTURY ENGINEERING
A KLEINFELDER COMPANY
10710 GILROY ROAD HUNT VALLEY , MD 21031
PHONE 443-589-2400



WATERS OF THE U.S. IMPACTS

IMPACTS:	MITIGATION TEMPORARY	MITIGATION PERMANENT	BRIDGE REPLACEMENT TEMPORARY	BRIDGE REPLACEMENT PERMANENT
WETLAND	351 SF / 0.01 AC	NONE	2,110 SF / 0.05 AC	1,895 SF / 0.04 AC
WETLAND BUFFER	850 SF / 0.02 AC	NONE	3,398 SF / 0.08 AC	206 SF / 0.01 AC
WATERWAY	NONE	1,520 SF / 0.03 AC / 221 LF	NONE	2,802 SF / 0.06 AC / 114 LF
FLOODPLAIN IMPACT: 15,878 SF / 0.36 AC			4,963 SF / 0.11 AC	

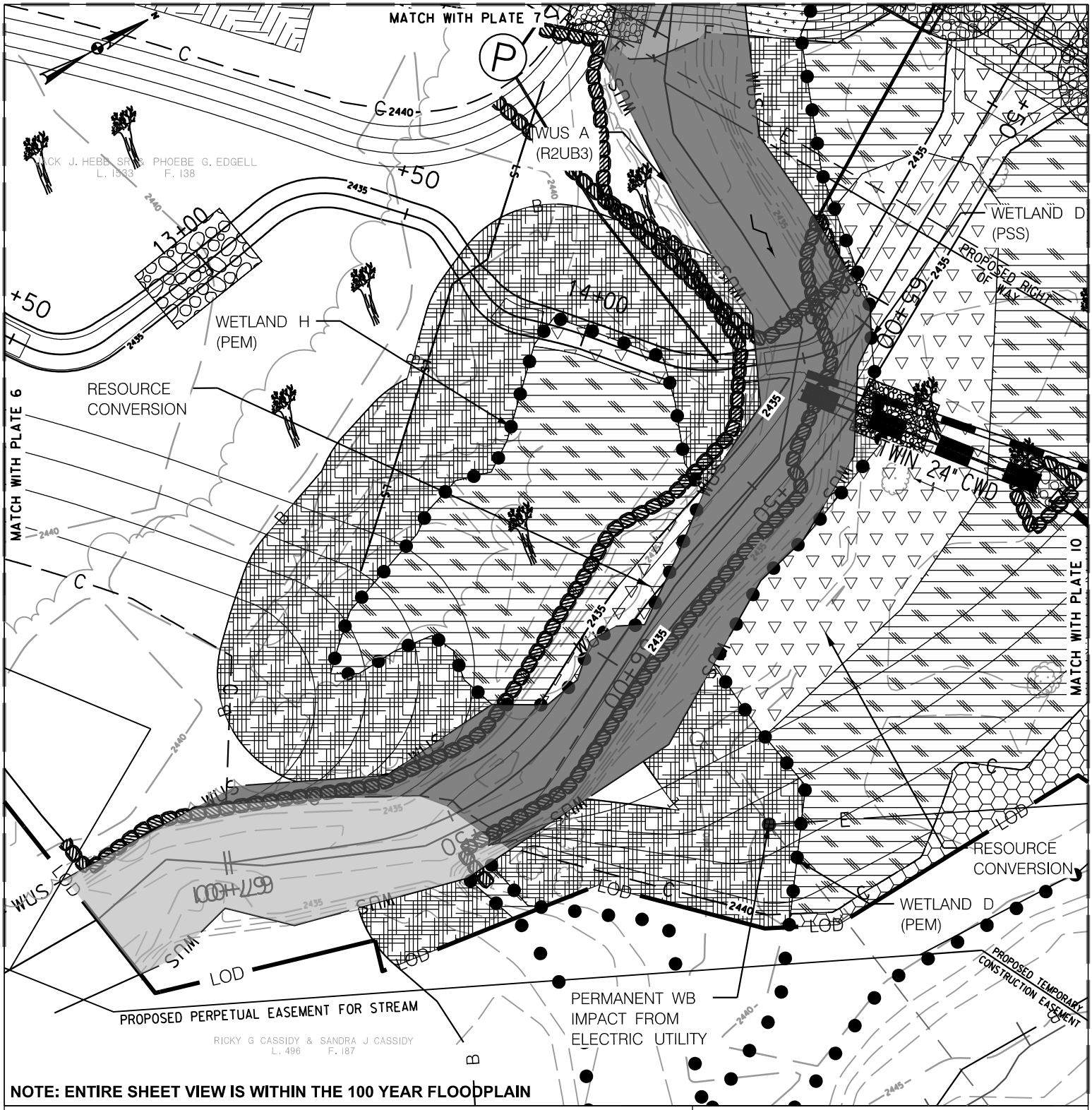
US 219 BRIDGE 1102400 REPLACEMENT AND MITIGATION DESIGN

IMPACT PLATE 7

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

CENTURY ENGINEERING
A KLEINFELDER COMPANY
10710 GILROY ROAD HUNT VALLEY , MD 21031
PHONE 443-589-2400

County : GARRETT COUNTY	Scale: 1" = 30'	Date: 12/2/2024	Drawn By: KS	Contract No. BCS 2012-03G	Page 9 of 20



WATERS OF THE U.S. IMPACTS

IMPACTS:	MITIGATION TEMPORARY	MITIGATION PERMANENT	BRIDGE REPLACEMENT TEMPORARY	BRIDGE REPLACEMENT PERMANENT
WETLAND	9,462 SF / 0.22 AC	4,504 SF / 0.10 AC	570 SF / 0.01 AC	816 SF / 0.02 AC
WETLAND BUFFER	8,465 SF / 0.19 AC	34 SF / 0.001 AC	99 SF / 0.002 AC	4 SF / 0.0001 AC
WATERWAY	2,094 SF / 0.05 AC / 90 LF	5,259 SF / 0.12 AC / 204 LF	NONE	273 SF / 0.01 AC / 12 LF
FLOODPLAIN IMPACT: 39,656 SF / 0.91 AC			838 SF / 0.02 AC	

US 219 BRIDGE 1102400 REPLACEMENT AND MITIGATION DESIGN

IMPACT PLATE 8

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

CENTURY ENGINEERING
A KLEINFELDER COMPANY
10710 GILROY ROAD HUNT VALLEY, MD 21031
PHONE: 443-589-2400

County : GARRETT COUNTY	Scale: 1" = 30'	Date: 12/2/2024	Drawn By: KS	Contract No. BCS 2012-03G	Page 10 of 20

WATERS OF THE U.S. IMPACTS

IMPACTS:	MITIGATION TEMPORARY	MITIGATION PERMANENT	BRIDGE REPLACEMENT TEMPORARY	BRIDGE REPLACEMENT PERMANENT
WETLAND	3,815 SF / 0.09 AC	660 SF / 0.02 AC	152 SF / 0.003 AC	3,018 SF / 0.07 AC
WETLAND BUFFER	13,249 SF / 0.30 AC	NONE	1,238 SF / 0.03 AC	264 SF / 0.01 AC
WATERWAY	1,459 SF / 0.03 AC / 136 LF	3,981 SF / 0.09 AC / 167 LF	147 SF / 0.003 AC / 24 LF	994 SF / 0.02 AC / 76 LF
FLOODPLAIN IMPACT: 19,932 SF / 0.46 AC			4,195 SF / 0.09 AC	

US 219 BRIDGE 1102400 REPLACEMENT AND MITIGATION DESIGN

IMPACT PLATE 9

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

CENTURY ENGINEERING
A KLEINFELDER COMPANY
10710 GILROY ROAD HUNT VALLEY, MD 21031
PHONE: 443-589-2400

County : GARRETT COUNTY	Scale: 1" = 30'	Date: 12/2/2024	Drawn By: KS	Contract No. BCS 2012-03G	Page 11 of 20

WATERS OF THE U.S. IMPACTS

IMPACTS:	MITIGATION TEMPORARY	MITIGATION PERMANENT	BRIDGE REPLACEMENT TEMPORARY	BRIDGE REPLACEMENT PERMANENT
WETLAND	2,641 SF / 0.06 AC	NONE	3,037 SF / 0.07 AC	16,462 SF / 0.38 AC
WETLAND BUFFER	NONE	NONE	3,246 SF / 0.07 AC	10,404 SF / 0.24 AC
WATERWAY	NONE	NONE	14 SF / 0.0003 AC / 1 LF	344 SF / 0.01 AC / 68LF
FLOODPLAIN IMPACT: 2,641 SF / 0.06 AC			25,399 SF / 0.58 AC	

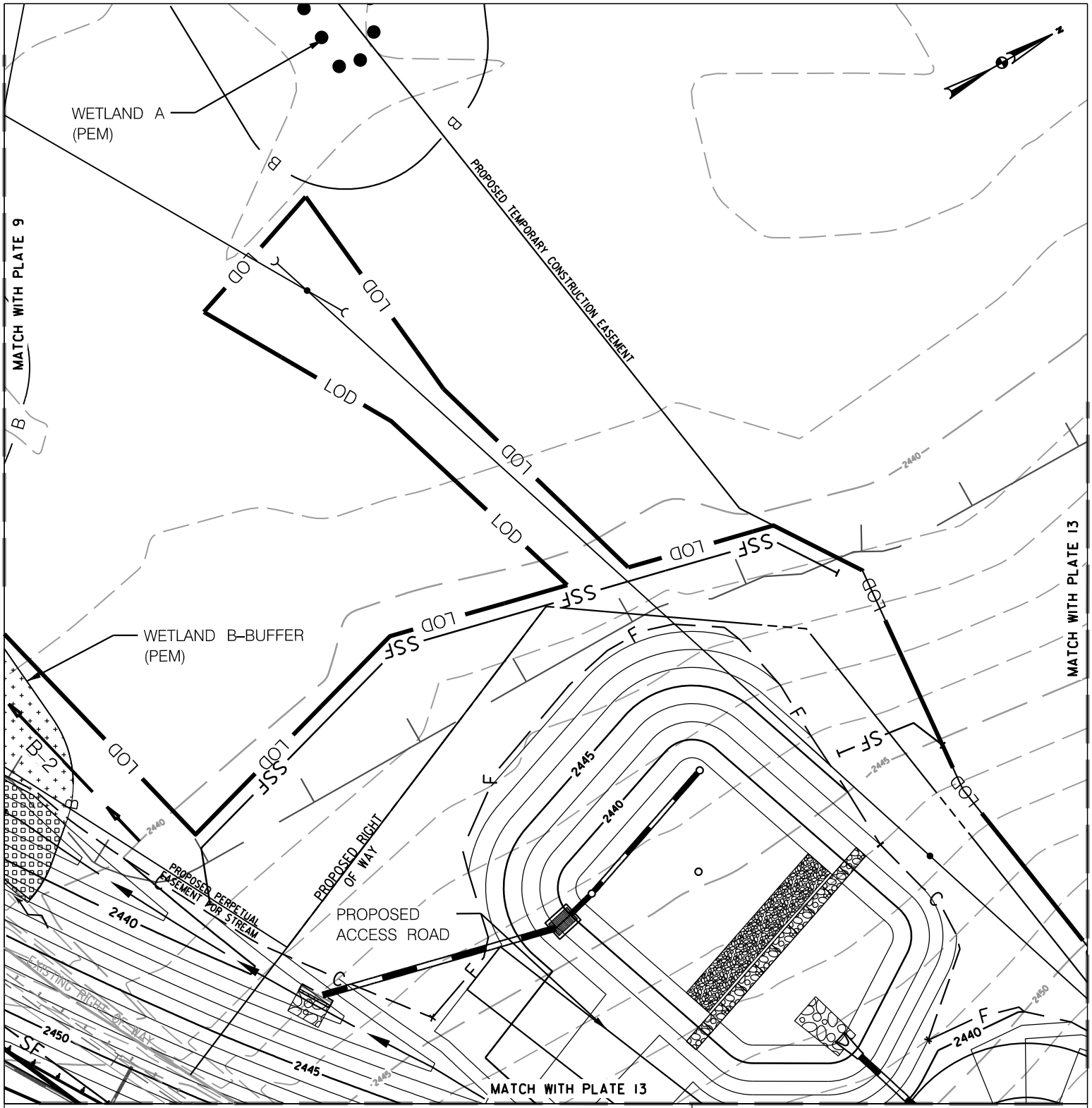
US 219 BRIDGE 1102400 REPLACEMENT AND MITIGATION DESIGN

IMPACT PLATE 10

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

CENTURY ENGINEERING
A KLEINFELDER COMPANY
10710 GILROY ROAD HUNT VALLEY , MD 21031
PHONE: 443-589-2400

County : GARRETT COUNTY	Scale: 1" = 30'	Date: 12/2/2024	Drawn By: KS	Contract No. BCS 2012-03G	Page 12 of 20



WATERS OF THE U.S. IMPACTS

IMPACTS:	MITIGATION TEMPORARY	MITIGATION PERMANENT	BRIDGE REPLACEMENT TEMPORARY	BRIDGE REPLACEMENT PERMANENT
WETLAND	NONE	NONE	NONE	NONE
WETLAND BUFFER	NONE	NONE	339 SF / 0.01 AC	240 SF / 0.01 AC
WATERWAY	NONE	NONE	NONE	NONE

FLOODPLAIN IMPACT: NONE

5,190 SF / 0.12 AC

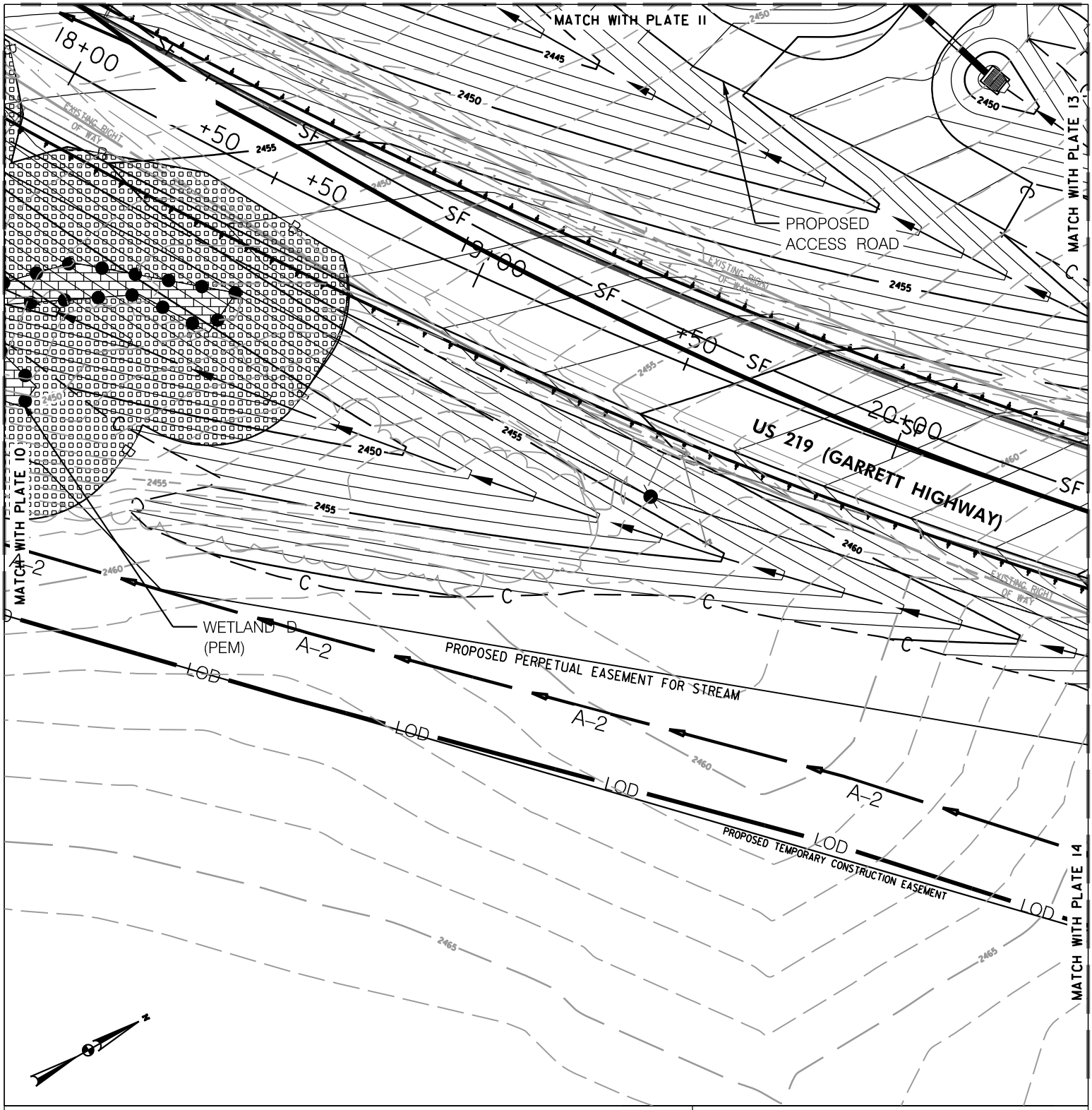
US 219 BRIDGE 1102400 REPLACEMENT AND MITIGATION DESIGN

IMPACT PLATE 11

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

CENTURY ENGINEERING
A KLEINFELDER COMPANY
10710 GILROY ROAD HUNT VALLEY , MD 21031
PHONE: 443-589-2400

County : GARRETT COUNTY	Scale: 1" = 30'	Date: 12/2/2024	Drawn By: KS	Contract No. BCS 2012-03G	Page 13 of 20



WATERS OF THE U.S. IMPACTS

IMPACTS:	MITIGATION TEMPORARY	MITIGATION PERMANENT	BRIDGE REPLACEMENT TEMPORARY	BRIDGE REPLACEMENT PERMANENT
WETLAND	NONE	NONE	NONE	376 SF / 0.01 AC
WETLAND BUFFER	NONE	NONE	NONE	4,189 SF / 0.10 AC
WATERWAY	NONE	NONE	NONE	NONE

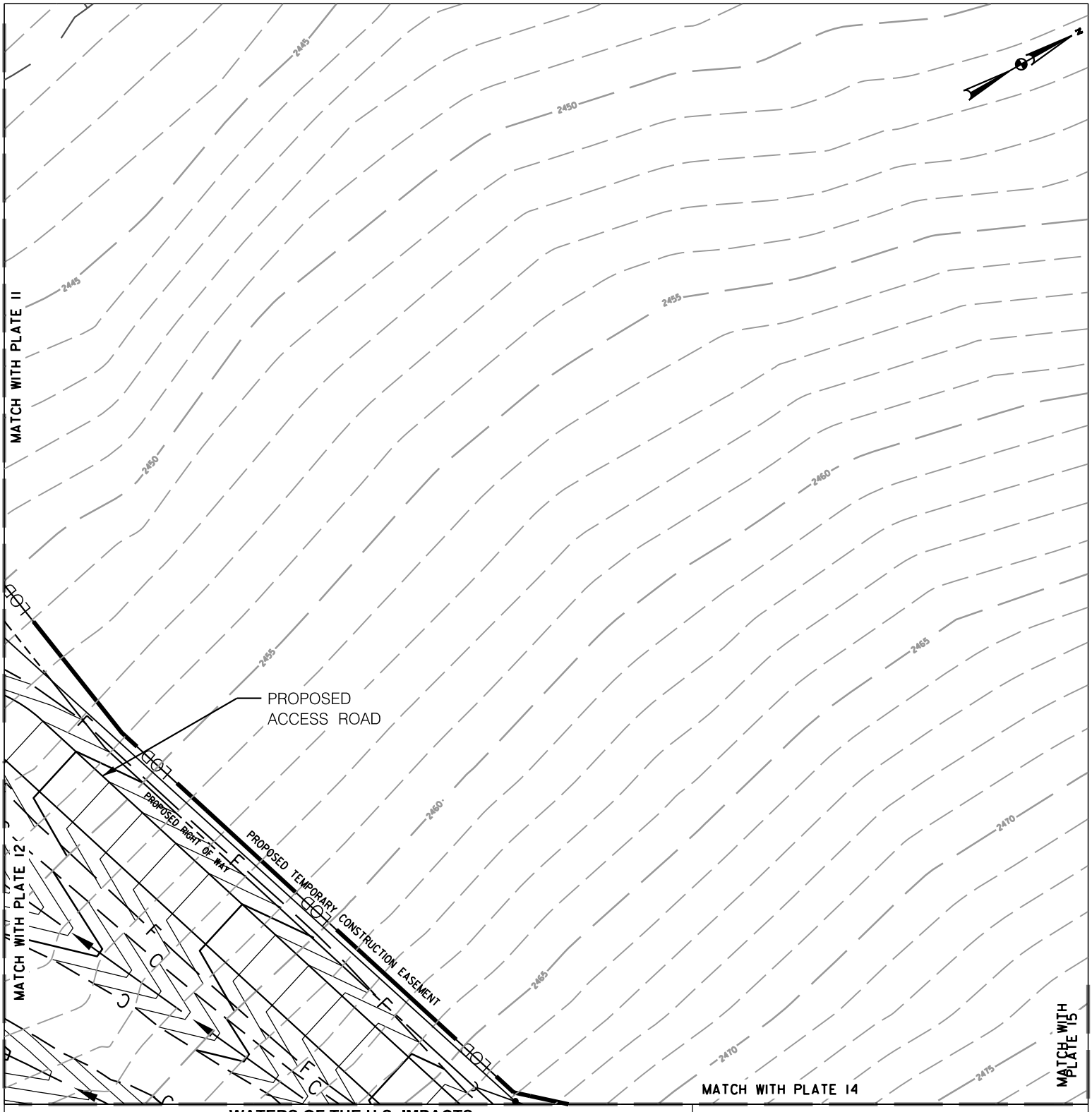
FLOODPLAIN IMPACT: NONE — NONE

US 219 BRIDGE 1102400 REPLACEMENT AND MITIGATION DESIGN

IMPACT PLATE 12

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

CENTURY ENGINEERING
A KLEINFELDER COMPANY
10710 GILROY ROAD HUNT VALLEY , MD 21031
PHONE 443-589-2400



WATERS OF THE U.S. IMPACTS

IMPACTS:	MITIGATION TEMPORARY	MITIGATION PERMANENT	BRIDGE REPLACEMENT TEMPORARY	BRIDGE REPLACEMENT PERMANENT
WETLAND	NONE	NONE	NONE	NONE
WETLAND BUFFER	NONE	NONE	NONE	NONE
WATERWAY	NONE	NONE	NONE	NONE

FLOODPLAIN IMPACT: NONE | NONE

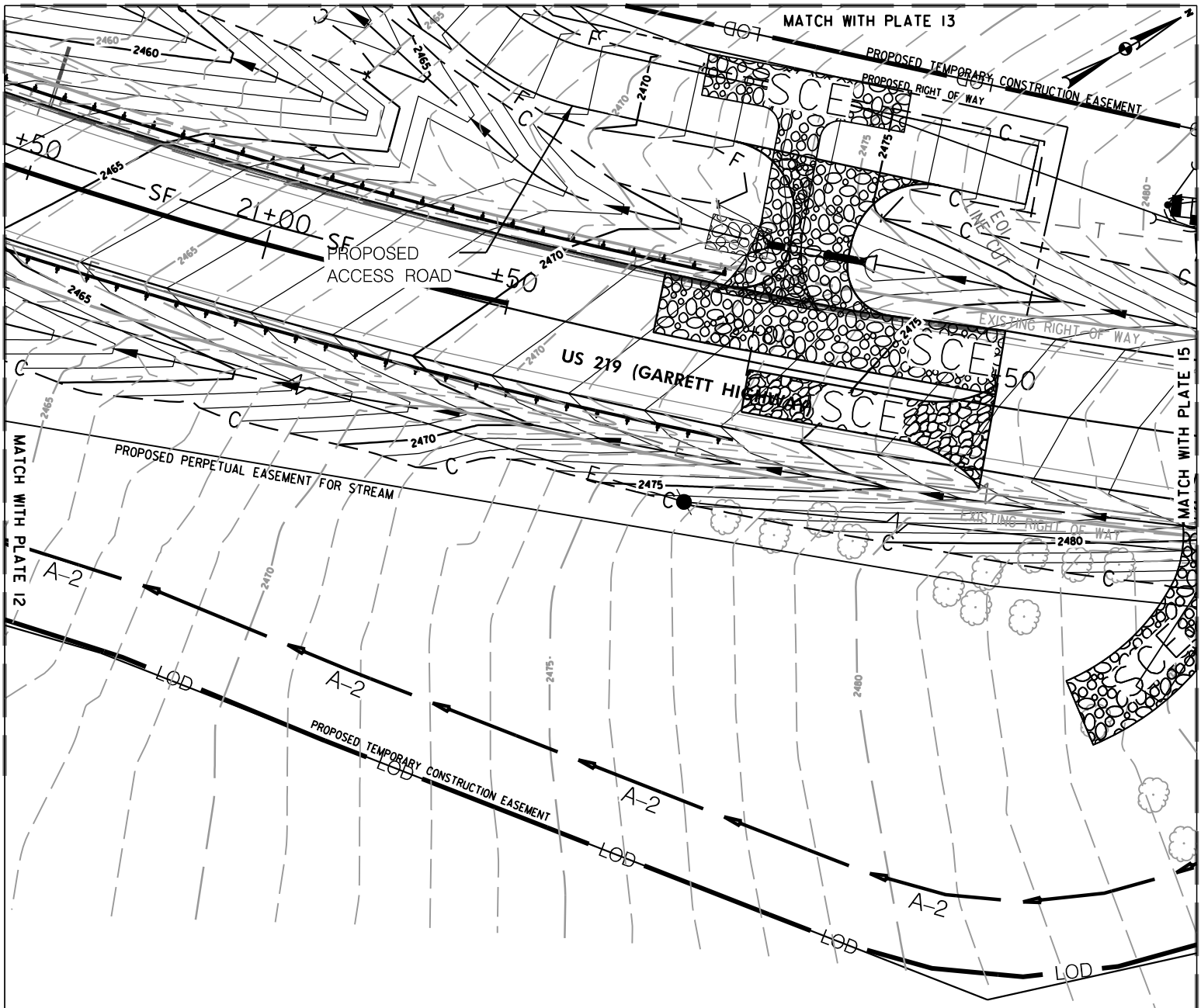
US 219 BRIDGE 1102400 REPLACEMENT AND MITIGATION DESIGN

IMPACT PLATE 13

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

CENTURY ENGINEERING
A KLEINFELDER COMPANY
10710 GILROY ROAD HUNT VALLEY , MD 21031
PHONE 443-589-2400

County : GARRETT COUNTY | Scale: 1" = 30' | Date: 12/2/2024 | Drawn By: KS | Contract No. BCS 2012-03G | Page 15 of 20



WATERS OF THE U.S. IMPACTS

IMPACTS:	MITIGATION		BRIDGE REPLACEMENT	
	TEMPORARY	PERMANENT	TEMPORARY	PERMANENT
WETLAND	NONE	NONE	NONE	NONE
WETLAND BUFFER	NONE	NONE	NONE	NONE
WATERWAY	NONE	NONE	NONE	NONE

FLOODPLAIN IMPACT: NONE | NONE

US 219 BRIDGE 1102400 REPLACEMENT AND MITIGATION DESIGN

IMPACT PLATE 14

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

CENTURY ENGINEERING
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10710 GILROY ROAD HUNT VALLEY , MD 21031
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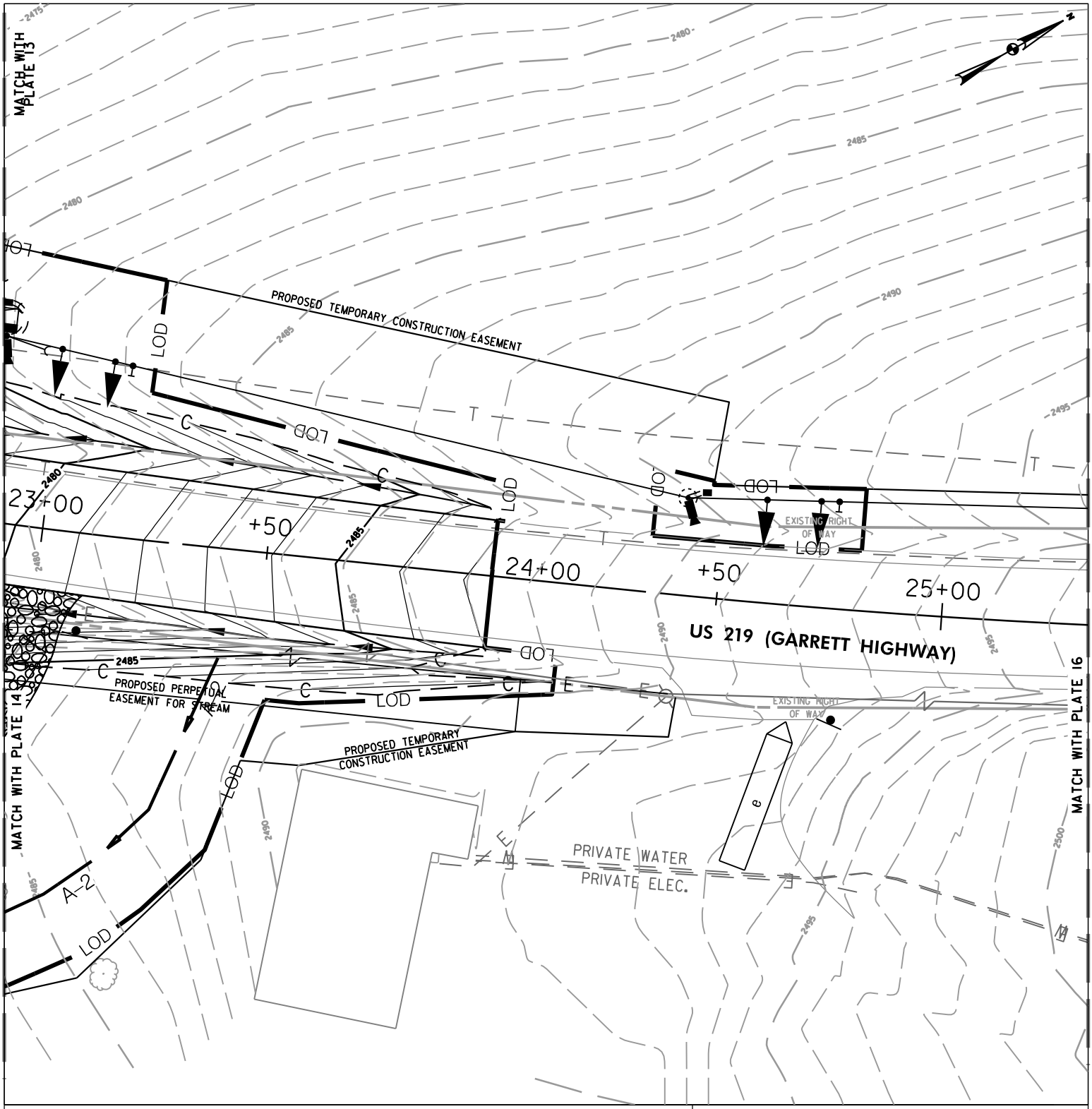
County : GARRETT COUNTY	Scale: 1" = 30'	Date: 12/2/2024	Drawn By: KS	Contract No. BCS 2012-03G	Page 16 of 20



WATERS OF THE U.S. IMPACTS

IMPACTS:	MITIGATION		BRIDGE REPLACEMENT	
	TEMPORARY	PERMANENT	TEMPORARY	PERMANENT
WETLAND	NONE	NONE	NONE	NONE
WETLAND BUFFER	NONE	NONE	NONE	NONE
WATERWAY	NONE	NONE	NONE	NONE
FLOODPLAIN IMPACT:	NONE		NONE	

US 219 BRIDGE 1102400 REPLACEMENT AND MITIGATION DESIGN

IMPACT PLATE 15

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

CENTURY ENGINEERING
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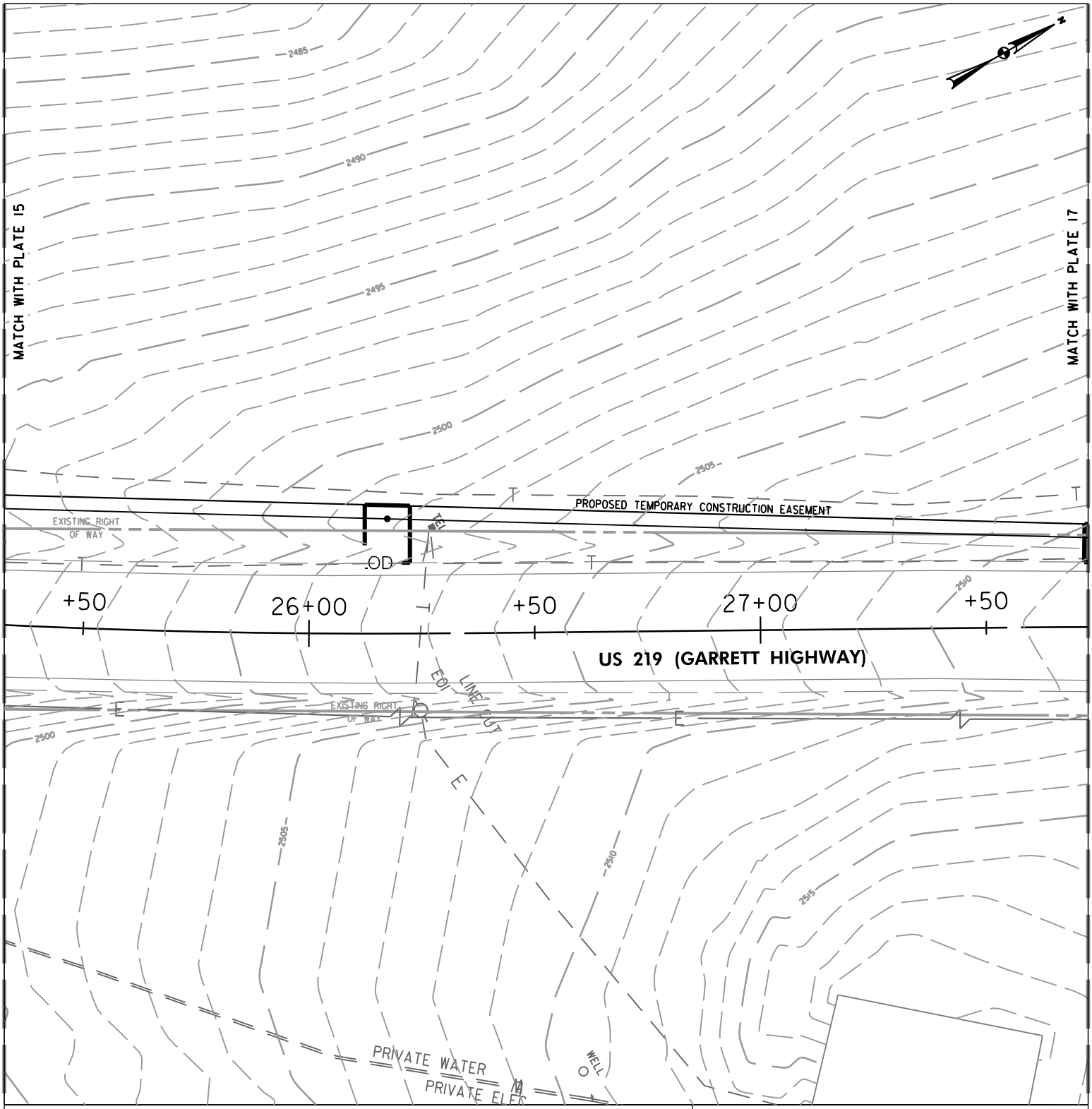

WATERS OF THE U.S. IMPACTS

IMPACTS:	MITIGATION TEMPORARY	MITIGATION PERMANENT	BRIDGE REPLACEMENT TEMPORARY	BRIDGE REPLACEMENT PERMANENT
WETLAND	NONE	NONE	NONE	NONE
WETLAND BUFFER	NONE	NONE	NONE	NONE
WATERWAY	NONE	NONE	NONE	NONE

FLOODPLAIN IMPACT: NONE — NONE

US 219 BRIDGE 1102400 REPLACEMENT AND MITIGATION DESIGN

IMPACT PLATE 16

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

CENTURY ENGINEERING
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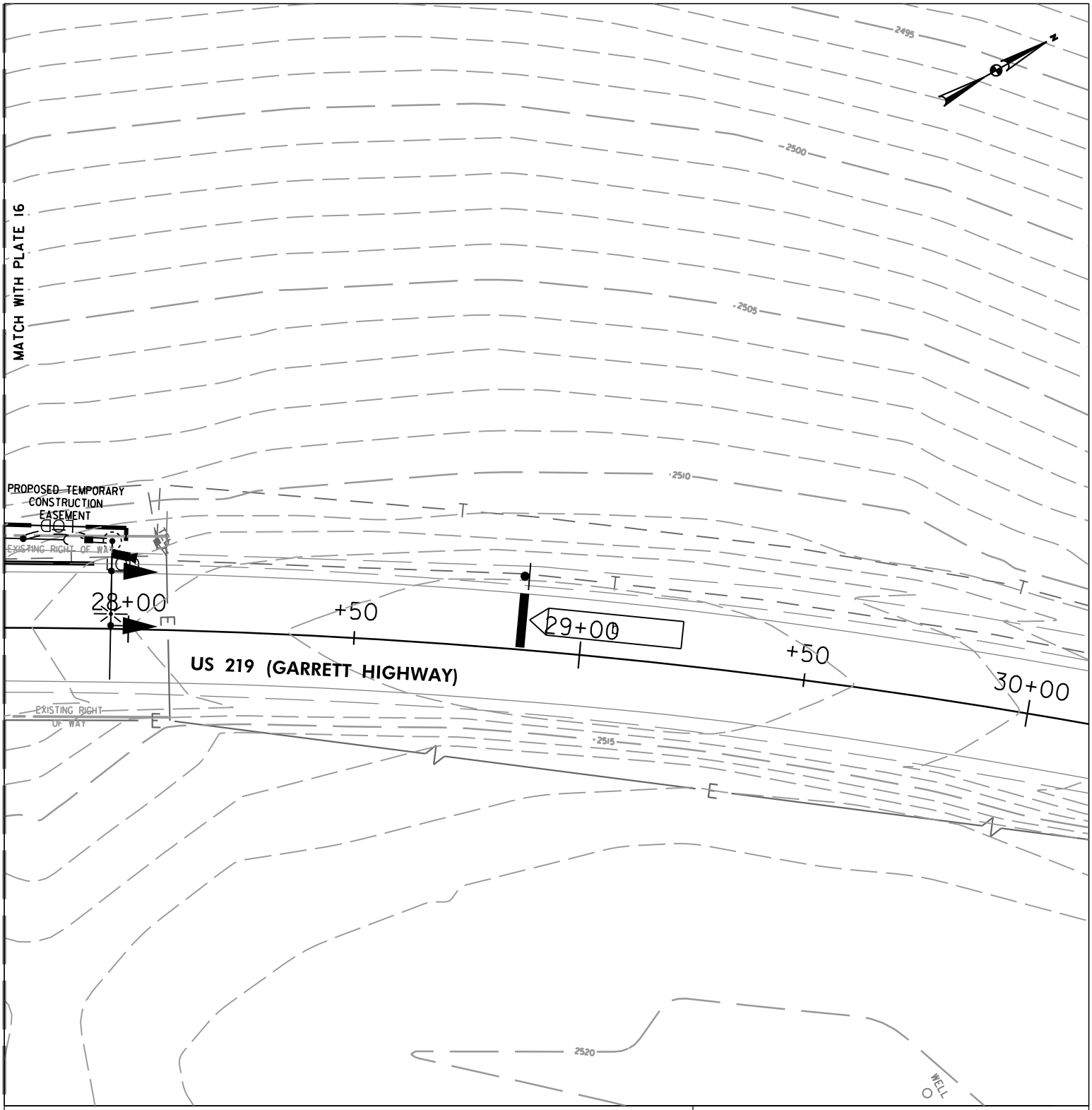
County : GARRETT COUNTY | Scale: 1" = 30' | Date: 12/2/2024 | Drawn By: KS | Contract No. BCS 2012-03G | Page 18 of 20



WATERS OF THE U.S. IMPACTS

IMPACTS:	MITIGATION TEMPORARY	MITIGATION PERMANENT	BRIDGE REPLACEMENT TEMPORARY	BRIDGE REPLACEMENT PERMANENT
WETLAND	NONE	NONE	NONE	NONE
WETLAND BUFFER	NONE	NONE	NONE	NONE
WATERWAY	NONE	NONE	NONE	NONE

FLOODPLAIN IMPACT: NONE | NONE

US 219 BRIDGE 1102400 REPLACEMENT AND MITIGATION DESIGN

IMPACT PLATE 17

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

CENTURY ENGINEERING
A KLEINFELDER COMPANY
10710 GILROY ROAD HUNT VALLEY , MD 21031
PHONE 443-589-2400

County : GARRETT COUNTY	Scale: 1" = 30'	Date: 12/2/2024	Drawn By: KS	Contract No. BCS 2012-03G	Page 18 of 20

WATERS OF THE U.S. IMPACTS - BRIDGE REPLACEMENT				
	PERMANENT		TEMPORARY	
INTERMITTENT	SF	LF	SF	LF
WUS D	282	47	0	0
WUS E	369	68	161	25
PERENNIAL				
WUS A	3,762	155	0	0
WUS B	0	0	0	0
TOTAL	**4,413**	**270**	**161**	**25**

WATERS OF THE U.S. IMPACTS - MITIGATION				
	PERMANENT		TEMPORARY	
INTERMITTENT	SF	LF	SF	LF
WUS D	0	0	0	0
WUS E	0	0	35	9
PERENNIAL				
WUS A	9,240	371	3,518	217
WUS B	6,015	885	0	0
TOTAL	**15,255**	**1,256**	**3,553**	**226**

WETLANDS - BRIDGE REPLACEMENT		
	PERMANENT	TEMPORARY
WETLANDS	SF	SF
Wetland A (PEM)	0	0
Wetland B (PEM)	277	333
Wetland C (PEM)	8,479	0
Wetland D (PEM)	10,775	3,426
Wetland D (PSS)	0	0
Wetland E (PEM)	8,425	4,343
Wetland F (PSS)	0	0
Wetland G (PEM)	0	0
Wetland H (PEM)	0	0
Wetland 1A (PEM)	0	1,418
Wetland 1B (PEM)	0	3,131
TOTAL	**27,956**	**12,651**

WETLANDS - MITIGATION		
	PERMANENT	TEMPORARY
WETLANDS	SF	SF
Wetland A (PEM)	0	0
Wetland B (PEM)	0	0
Wetland C (PEM)	0	0
Wetland D (PEM)	466	8,811
Wetland D (PSS)	3,583	0
Wetland E (PEM)	38	1,051
Wetland F (PSS)	622	431
Wetland G (PEM)	0	0
Wetland H (PEM)	455	3,292
Wetland 1A (PEM)	0	0
Wetland 1B (PEM)	0	2,684
TOTAL	**5,164**	**16,269**

WETLAND BUFFERS - BRIDGE REPLACEMENT		
	PERMANENT	TEMPORARY
WETLAND BUFFERS	SF	SF
Wetland A Buffer	0	0
Wetland B Buffer	804	1,921
Wetland C Buffer	14,047	0
Wetland D Buffer	452	2,786
Wetland E Buffer	12,504	6,330
Wetland F Buffer	0	352
Wetland G Buffer	0	0
Wetland H Buffer	0	0
Wetland 1A Buffer	0	804
Wetland 1B Buffer	0	0
TOTAL	**27,807**	**12,193**

WETLAND BUFFERS - MITIGATION		
	PERMANENT	TEMPORARY
WETLAND BUFFERS	SF	SF
Wetland A Buffer	0	0
Wetland B Buffer	0	0
Wetland C Buffer	0	0
Wetland D Buffer	34	2,899
Wetland E Buffer	0	1,405
Wetland F Buffer	0	4,544
Wetland G Buffer	0	1,314
Wetland H Buffer	0	5,566
Wetland 1A Buffer	0	0
Wetland 1B Buffer	0	8,150
TOTAL	**34**	**23,878**

100 YR FLOODPLAIN IMPACTS - BRIDGE REPLACEMENT		
	PERMANENT	
	SF	AC
100 YR FLOODPLAIN	44,147	1.01
TOTAL	**44,147**	**1.01**

100 YR FLOODPLAIN IMPACTS - MITIGATION		
	PERMANENT	
	SF	AC
100 YR FLOODPLAIN	212,779	4.88
TOTAL	**212,779**	**4.88**

Note: Roadway and mitigation impacts have been defined and calculated using the proposed cut/fill line for the roadway/bridge replacement portion of the project.

US 219 BRIDGE 1102400 REPLACEMENT AND MITIGATION DESIGN

IMPACT TABLES

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

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