STRUCTURAL NOTES

1. GENERAL

A. THE BRIDGE MODIFICATIONS ARE DESIGNED UNDER THE PROVISIONS OF THE 2021 VIRGINIA STATEWIDE BUILDING CODE, 2021 INTERNATIONAL BUILDING CODE, ASCE 7-22, AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS 8TH EDITION, AASHTO LRFD GUIDE SPECIFICATIONS FOR THE DESIGN OF PEDESTRIAN BRIDGES-2009.

B. THE FOLLOWING LOADS WERE USED IN THE DESIGN:

LIVE LOAD (AASHTO)	
PEDESTRIAN BRIDGE DECK	90 PSF
OVERLOAD CASE (H5 DESIGN VEHICLE)	4k WHEEL LOAD
SNOW LOAD	
GROUND SNOW LOAD (Pg)	25 PSF
SNOW EXPOSURE FACTOR (Ce)	1.0
SNOW LOAD IMPORTANCE FACTOR (Is)	1.0
THERMAL FACTOR (Ct)	1.0

NOTE:
PROJECT SCOPE DOES NOT MODIFY THE EXISTING LATERAL FORCE RESISTING SYSTEM OF THE BRIDGE. WIND AND SEISMIC LOADS ARE SHOWN FOR REFERENCE ONLY.

WIND LOAD (AASHTO)	
WIND SPEED (3-SECOND GUST)	
Vult	115 MPH
Vasd: (0.77*VULT)	88.6 MPH
WIND EXPOSURE	B
IMPORTANCE FACTOR (Ir)	1.15
EARTHQUAKE DESIGN (AASHTO)	
SITE CLASSIFICATION	D
SEISMIC RESPONSE COEFFICIENTS	
Ss	0.10
S1	0.044
Sds	0.16
Sd1	0.11
SEISMIC ZONE	I
HANDRAIL AND GUARD LOADS	
HANDRAIL AND GUARD	50 PLF / 200 LB PT LOAD
INTERMEDIATE RAIL	50 LB PT LOAD

C. PROVIDE SUBMITTALS FOR THE FOLLOWING ITEMS:

--WOODEN STRUCTURAL MEMBER PRODUCT DATA
--WOOD POLYMER COMPOSITE DECKING PRODUCT DATA
--CHAIN LINK FENCING PRODUCT DATA
--GALVANIZED CONNECTION HARDWARE INCLUDING BOLTS, NUTS, WASHERS, STAPLES, SCREWS ECT

2. GENERAL

A. REVIEW ALL DRAWINGS AND SPECIFICATIONS BEFORE BEGINNING ANY WORK. NOTIFY EOR OF ANY DISCREPANCIES IN THE DRAWINGS, SPECIFICATIONS, OR ANY EXISTING CONDITIONS. ALL TRADES MUST REVIEW ALL DRAWINGS FOR WORK AFFECTING THEIR TRADE.

B. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE COMPLETE EXTENT AND QUANTITIES OF REPAIRS AND REPLACEMENT INDICATED IN THE DRAWINGS. THE EXTENT OF REQUIRED REPAIRS SHOWN ON THE CONSTRUCTION DRAWINGS ARE APPROXIMATE. FOR BID PREPARATION, CONTRACTOR SHOULD ARRANGE TO VISIT THE SITE FOR VERIFYING EXTENT OF REPAIRS AND REPLACEMENT, ASSESSING AVAILABLE STAGING AREAS, ASSESSING AVAILABILITY OF WATER AND ELECTRIC SERVICES, AND ASSESSING ACCESS TO THE WORK AREA.

C. BY MEANS OF THE CONSTRUCTION DRAWINGS AND FIELD OBSERVATIONS, CONTRACTOR SHALL ESTABLISH AND SUBMIT BASE QUANTITIES AND UNIT PRICES FOR THE SCOPE OF WORK INCLUDED IN THE CONTRACT DOCUMENTS.

D. THROUGH THE COURSE OF THE CONSTRUCTION, CONTRACTOR SHALL MAINTAIN AN ACCURATE RECORD OF AND REPORT REPAIR QUANTITIES IMPLEMENTED TO THE CONTRACTOR OFFICER/OWNER/PROJECT MANAGER/ENGINEER.

E. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING THE SEQUENCE OF CONSTRUCTION WORK AND COORDINATION THE ACTIVITIES OF ALL TRADES.

F. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO PROCEEDING WITH THE WORK. DISCREPANCIES IN ASSUMED FRAMING DIRECTION OR SIZES AND ANY INDICATION OF STRUCTURAL DEFICIENCY NOTED DURING THE PERFORMANCE OF THE WORK SHALL BE CONVEYED IN WRITING TO THE CONTRACTOR OFFICER / OWNER / PROJECT MANAGER / ENGINEER.

G. CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY BRACING AND SHORING REQUIRED TO EXECUTE THE WORK AND PROTECT PERSONS AND PROPERTY PRIOR TO AND DURING CONSTRUCTION. THE CONTRACTOR SHALL ADJUST AND MAINTAIN TEMPORARY BRACING AND SHORING AS REQUIRED THROUGHOUT CONSTRUCTION.

H. STRUCTURAL ELEMENTS TO REMAIN SHALL NOT BE CUT IN A MANNER RESULTING IN THE REDUCTION OF LOAD-CARRY CAPACITY. DO NOT ADD LOADS TO ANY POINT UP UPON THE EXISTING STRUCTURE WHICH COULD OVERSTRESS THE STRUCTURE.

I. COLLECT, TRANSPORT AND LEGALLY DISPOSE OF ALL CONSTRUCTION TRASH AND DEBRIS AT LOCATION OFF THE PROPERTY. SITE SHALL BE CLEAN AND NEAT.

J. ALL REPAIRS SHALL BE PER STRUCTURAL DETAILS AND SPECIFICATIONS.

3. DEMOLITION

A. THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE MEANS AND METHODS OF DEMOLITION AND THE INTEGRITY AND STABILITY OF THE EXISTING STRUCTURE UNTIL THE WORK IS COMPLETED. PROVIDE ADEQUATE SHORING, BRACING AND OTHER TEMPORARY SUPPORT DURING DEMOLITION.

B. CONTRACTOR SHALL VERIFY THAT EXISTING CONSTRUCTION CORRESPONDS TO THAT SHOWN ON THE DRAWINGS. DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.

C. UNTIL PROPERLY SHORED, DO NOT CUT EXISTING STRUCTURAL MEMBERS IN A MANNER RESULTING IN A REDUCTION OF LOAD-CARRYING CAPACITY. DO NOT EXCEED THE CAPACITY OF THE EXISTING STRUCTURE WITH SUPERIMPOSED LOADS, INCLUDING BUT NOT LIMITED TO CONSTRUCTION/DEMOLITION EQUIPMENT OR DEBRIS STOCKPILES.

D. IN GENERAL, SELECTIVE STRUCTURAL DEMOLITION IS TO BE PERFORMED BY REMOVING EXISTING CONNECTION HARDWARE (SCREWS AND BOLTS) AND WITH PHYSICAL CUTTING ACTION (I.E. SAWING AND GRINDING INSTEAD OF HAMMERING AND CHOPPING).

E. THE CONTRACTOR IS RESPONSIBLE, AT THEIR EXPENSE, TO REPAIR ANY DAMAGE THAT HAS OCCURRED TO STRUCTURAL ELEMENTS OR FINISH MATERIALS DURING THE DEMOLITION PROCESS.

4. WOOD-POLYMER COMPOSITE DECKING (WPC)

A. WOOD-POLYMER COMPOSITE (WPC) DECKING SHALL BE TREX TRANSCEND WPC LUMBER, AS MANUFACTURED BY TREX COMPANY, LLC, WINCHESTER, VA 22602, OR APPROVED EQUIVALENT. WPC LUMBER SHALL HAVE THE FOLLOWING MINIMUM DESIGN VALUES:
BENDING STRESS "Fb" = 500 PSI
HORIZONTAL SHEAR "Fv" = 360 PSI
COMPRESSION PERPENDICULAR TO GRAIN "Fc" = 540 PSI
COMPRESSION PARALLEL TO GRAIN "Fc11" = 540 PSI
MODULUS OF ELASTICITY "E" = 200,000 PSI

B. WPC DECKING SHALL BE "1X6" NOMINAL OR 0.94"X5.5" ACTUAL AND SHALL BE FASTENED TO WOOD BLOCKING WITH TWO ROWS OF #8X2-1/2 INCH DECK SCREWS AT A MAXIMUM SPACING OF 16 INCHES, ON CENTER. DECKING SHALL BE INSTALLED ACROSS THE ENTIRE WIDTH OF THE BRIDGE DECK WITHOUT JOINTS.

C. WPC DECKING ATTACHMENT SCREWS SHALL BE #8 x 2-1/2" LONG DECK SCREWS WITH GALVANIZED, EPOXY OR APPROVED ALTERNATE COATING.

5. WOOD FRAMING

A. ALL EXTERIOR FRAMING SHALL BE PRESSURE-TREATED (PT). FRAMING SHALL BE PRESSURE-TREATED WITH ALKALINE COPPER QUAT (ACQ) OR COPPER AZOLE (CBA-A AND CA-B), NOT SODIUM BORATE (SBX). PT LUMBER SHALL NOT BE INCISED.

B. STRUCTURAL POSTS AND PRESSURE-TREATED LUMBER (PT) SHALL BE SOUTHERN PINE (SP) #2 OR BETTER, HAVING THE FOLLOWING MINIMUM PROPERTIES (BASED ON 2X12 MEMBERS):

BENDING STRESS "Fb"	= 750 PSI SINGLE MEMBER USE
HORIZONTAL SHEAR "Fv"	= 175 PSI
COMPRESSION PERPENDICULAR TO GRAIN "Fc"	= 565 PSI
COMPRESSION PARALLEL TO GRAIN "Fc11"	= 1,250 PSI
MODULUS OF ELASTICITY "E"	= 1,400,000 PSI

C. BOLTS AND FASTENERS SHALL BE HOT-DIPPED GALVANIZED

D. ALL BOLTED CONNECTIONS, INCLUDING THRU BOLTS AND LAGS SHALL HAVE A STANDARD CUT METAL WASHER BETWEEN THE WOOD MEMBER AND NUT, UNLESS A LARGER PLATE WASHER OR OTHER IS NOTED ON THE DRAWINGS.

E. ALL WOOD SCREWS SHALL BE HOT DIPPED GALVANIZED OR OTHERWISE PROTECTED WITH AN APPROVED COATING.

F. DO NOT SPLICE STRUCTURAL MEMBERS BETWEEN SUPPORTS.

6. PVC COATED STEEL CHAIN LINK FENCE FABRIC

A. FENCING SHALL BE ASTM F668 2" MESH, 9 GAUGE CORE WIRE WITH BLACK CLASS 2B COATING.

B. STAPLES FOR FENCE ATTACHMENT SHALL BE 1-1/2" x 1/4" FABRICATED FROM 9 GAUGE HOT DIPPED GALVANIZED SMOOTH SHANK WIRE.

WARNING: THE STRUCTURAL INTEGRITY OF THE BRIDGE SHOWN ON THESE PLANS IS DEPENDENT UPON COMPLETION ACCORDING TO PLANS AND SPECIFICATIONS. STRUCTURAL MEMBERS ARE NOT SELF-BRACING UNTIL PERMANENTLY AFFIXED TO THE STRUCTURE. THE STRUCTURAL ENGINEERS ASSUME NO LIABILITY FOR THE STRUCTURE DURING CONSTRUCTION.

SITE LOCATION

ABBREVIATIONS LEGEND

A		K	
AB	ANCHOR BOLT	K	KIP(S)
ABV	ABOVE	KO	KNOCK-OUT
ADDL	ADDITIONAL	KSI	KIPS PER SQ. INCH
ADJ	ADJACENT		
AFF	ABOVE FINISH FLOOR	L	
ALT	ALTERNATE	L	LINTEL MARK/STEEL ANGLE
APPROX	APPROXIMATE(LY)	LLH	LONG LEG HORIZONTAL
ARCH	ARCHITECT(URAL)	LLV	LONG LEG VERTICAL
		LL	LIVE LOAD
B		LP	LOW POINT
B	BEAM MARK, SOIL BORING MARK	LSH	LONG SIDE HORIZONTAL
BF	BOTTOM OF FOOTING ELEVATION	LSV	LONG SIDE VERTICAL
	BRACED FRAME MARK	LVL	LAMINATED VENEER LUMBER/LEVEL
BLKG	BLOCKING		
BLDG	BUILDING	M	
BLW	BELOW	MANUF	MANUFACTURER(ED)
BM	BEAM	MAS	MASONRY
BOD	BOTTOM OF DECK	MAX	MAXIMUM
BOS	BOTTOM OF STEEL	MECH	MECHANICAL
BOTT	BOTTOM	MEP	MECHANICAL, ELECTRICAL, PLUMBING
BP	BEARING PLATE MARK	MIN	MINIMUM
BRG	BEARING	MISC	MISCELLANEOUS
BSMT	BASEMENT	MO	MASONRY OPENING
BTWN	BETWEEN	MATL	MATERIAL
		MTL	METAL
C			
C	COLUMN MARK	N	
CIP	CAST IN PLACE	NTS	NOT TO SCALE
CJ	CONTROL/CONSTRUCTION JOINT	NS	NEAR SIDE
CJP	COMPLETE JOINT PENETRATION WELD	NIC	NOT IN CONTRACT
CL	CENTER LINE/COLUMN LINE		
CLR	CLEAR(ANCE)	O	
CMU	CONCRETE MASONRY UNIT	OC	ON CENTER(S)
COL	COLUMN	OPNG	OPENING
COM	CENTER OF MASONRY WALL	OPP	OPPOSITE
COMP	COMPOSITE	OF	OUTSIDE FACE
CONC	CONCRETE		
CONN	CONNECTION		
CONST	CONSTRUCTION	P	PIER MARK
CONT	CONTINUOUS	PAF	POWDER ACTUATED FASTENER
COORD	COORDINATE(TION)	PC	PRECAST CONCRETE
COS	CENTER OF STUD	PDF	POWER DRIVEN FASTENER
		PEB	PRE-ENGINEERED BUILDING
D		PERIM	PERIMETER
DBA	DEFORMED BAR ANCHORS	PL	PLATE
DTL	DETAIL	PLF	POUNDS PER LINEAR FOOT
DIAM	DIAMETER	PLUM	PLUMBING
DIAG	DIAGONAL	PP	PRECAST PLANK MARK
DIM	DIMENSION	PROJ	PROJECTION
DN	DOWN	PSF	POUNDS PER SQ. FOOT
DWG	DRAWING	PSI	POUNDS PER SQ. INCH
DBL	DOUBLE	PSL	PARALLEL STRAND LUMBER COLUMN
DL	DEAD LOAD	PT	POST TENSION(ED)/PRESSURE TREATED
E		Q	
EA	EACH	QTY	QUANTITY
EE	EACH END		
EF	EACH FACE		
EL	ELEVATION	R	
ELEC	ELECTRICAL	RAD	RADIUS
ELEV	ELEVATOR	RD	ROOF DRAIN
EOD	EDGE OF DECK	REV	REVISION, REVISE(D)
EOJ	EDGE OF JOIST	REINF	REINFORCE(D), (ING)
EOS	EDGE OF SLAB	REM	REMAINDER
EQ	EQUAL	REQD	REQUIRED
EQUIP	EQUIPMENT	RTU	ROOF TOP UNIT
ES	EACH SIDE		
ETR	EXISTING TO REMAIN	S	
EW	EACH WAY	SB	STRAP BEAM, SLAB BEAM
EXIST, EX	EXISTING	SC	SLIP CRITICAL
EXP	EXPANSION	SCHED	SCHEDULE(D)
EXT	EXTERIOR	SE	SPECIALTY DESIGN ENGINEER
		SIM	SIMILAR
F		SJI	STEEL JOIST INSTITUTE
F	FOOTING MARK	SOG	SLAB ON GRADE
FD	FLOOR DRAIN	SQ	SQUARE
FDN	FOUNDATION	STD	STANDARD
FIN	FINISH	STL	STEEL
FLR	FLOOR	STRUCT	STRUCTURAL
FOB	FACE OF BUILDING	SPA	SPACES
FOM	FACE OF MASONRY WALL	SL	SNOW LOAD
FOS	FACE OF STUD	SS	STAINLESS STEEL
FRT	FIRE RETARDANT TREATED		
FS	FOOTING STEP/FAR SIDE	T	
FTG	FOOTING	TEMP	TEMPORARY
FUT	FUTURE	TF	TOP OF FOOTING ELEVATION
		T/GB	TOP OF GRADE BEAM
G		THK	THICK(NESS), (ENED)
GA	GAGE, GAUGE	TJI	WOOD I JOIST
GALV	GALVANIZED	T/O	THROUGH OUT
GB	GRADE BEAM	TOC	TOP OF CONCRETE
GC	GENERAL CONTRACT(OR)	TP	TOP OF PIER ELEVATION
GT	GIRDER TRUSS	TOS	TOP OF STEEL ELEVATION
		TOW	TOP OF WALL ELEVATION
H		TYP	TYPICAL
HORIZ	HORIZONTAL		
HP	HIGH POINT	U	
HS	HIGH STRENGTH	UNEXC	UNEXCAVATED
HSS	HOLLOW STRUCTURAL SECTION	UNO	UNLESS NOTED OTHERWISE
HT	HEIGHT	UMD	UNDERSIDE METAL DECK ELEVATION
HTR	HIP TRUSS	V	
		VERT	VERTICAL
I		VIF	VERIFY IN FIELD
INFO	INFORMATION		
IF	INSIDE FACE	W	
		W/	WITH
J		WF	WIND FRAME
JBE	JOIST BEARING ELEVATION	WP	WORK POINT
JST	JOIST	WPC	WOOD-POLYMER COMPOSITE
JT	JOINT	WWF	WELDED WIRE FABRIC
JTR	JACK TRUSS		

Plan Approved
See Back Page For Stamps
Subject To Field Approval Of Construction

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COMMONWEALTH OF VIRGINIA
WAYNE E. BRYAN
LICENSED
10/17/2024

STRUCTURAL NOTES
NVRPA - BRIDGE DECKING IMPROVEMENT
BROAD RUN VIRGINIA

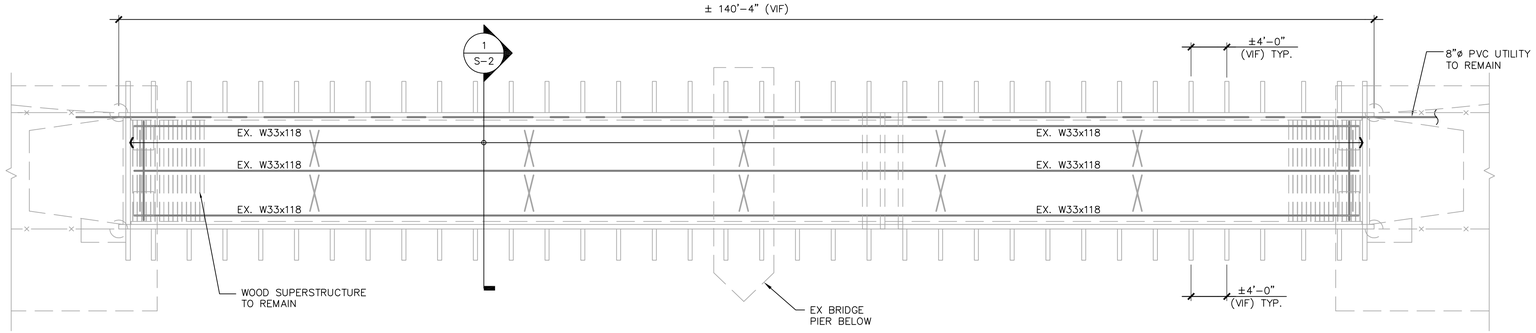
Revision	Date
PERMIT SET	10/03/2024

Job Number: 2440005
Scale: AS NOTED
Drawn By: JR
Designed By: KB
Checked By: LR
Date: 10/03/24

Drawing Number
S-1

EB#2440005

Multi-Page Approved



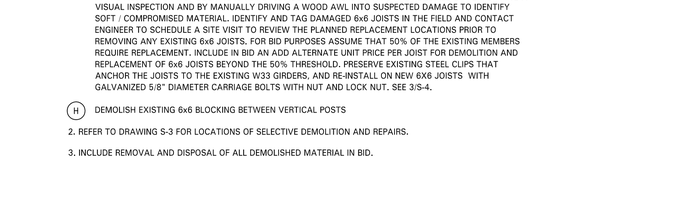
DEMOLITION PLAN

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

NORTH

NOTES:

1. ALL DIMENSIONS SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD.



TYPICAL DEMOLITION SECTION

1
S-2

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

NOTES:

1. KEYED DEMOLITION NOTES DENOTE THE FOLLOWING AND APPLY TO FULL EXTENT OF BRIDGE:

(A) DEMOLISH EXISTING 4x6 GUARDRAILS.

(B) DEMOLISH EXISTING 2x2 GUARDRAIL PICKETS AT +/- 6" OC.

(C) DEMOLISH EXISTING +/- 4'-0" TALL CHAIN LINK GUARDRAIL INFILL PANEL.

(D) DEMOLISH EXISTING WOOD-POLYMER COMPOSITE DECKING (WCP).

(F) DEMOLISH EXISTING 2x12 RUNNER BOARDS.

(G) DEMOLISH EXISTING 6X6 JOISTS WHERE ROT, DETERIORATION AND SECTION LOSS IS FOUND AND REPLACE IN KIND WITH 6x6 JOISTS SPANNING FULL WIDTH OF BRIDGE. VERIFY CONDITION OF EACH MEMBER IN THE FIELD AFTER WCP DECKING IS REMOVED. IDENTIFY WHERE REPAIRS ARE REQUIRED BY PERFORMING A VISUAL INSPECTION AND BY MANUALLY DRIVING A WOOD AWL INTO SUSPECTED DAMAGE TO IDENTIFY SOFT / COMPROMISED MATERIAL. IDENTIFY AND TAG DAMAGED 6x6 JOISTS IN THE FIELD AND CONTACT ENGINEER TO SCHEDULE A SITE VISIT TO REVIEW THE PLANNED REPLACEMENT LOCATIONS PRIOR TO REMOVING ANY EXISTING 6x6 JOISTS. FOR BID PURPOSES ASSUME THAT 50% OF THE EXISTING MEMBERS REQUIRE REPLACEMENT. INCLUDE IN BID AN ADD ALTERNATE UNIT PRICE PER JOIST FOR DEMOLITION AND REPLACEMENT OF 6x6 JOISTS BEYOND THE 50% THRESHOLD. PRESERVE EXISTING STEEL CLIPS THAT ANCHOR THE JOISTS TO THE EXISTING W33 GIRDERS, AND RE-INSTALL ON NEW 6X6 JOISTS WITH GALVANIZED 5/8" DIAMETER CARRIAGE BOLTS WITH NUT AND LOCK NUT. SEE 3/S-4.

(H) DEMOLISH EXISTING 6x6 BLOCKING BETWEEN VERTICAL POSTS

2. REFER TO DRAWING S-3 FOR LOCATIONS OF SELECTIVE DEMOLITION AND REPAIRS.

3. INCLUDE REMOVAL AND DISPOSAL OF ALL DEMOLISHED MATERIAL IN BID.

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COMMONWEALTH OF VIRGINIA
JASON E. BRYAN
LICENSED
10/17/2024

DEMOLITION PLAN AND SECTION

NVRPA - BRIDGE DECKING IMPROVEMENT

BROAD RUN

VIRGINIA

Revision	Date
PERMIT SET	10/03/2024

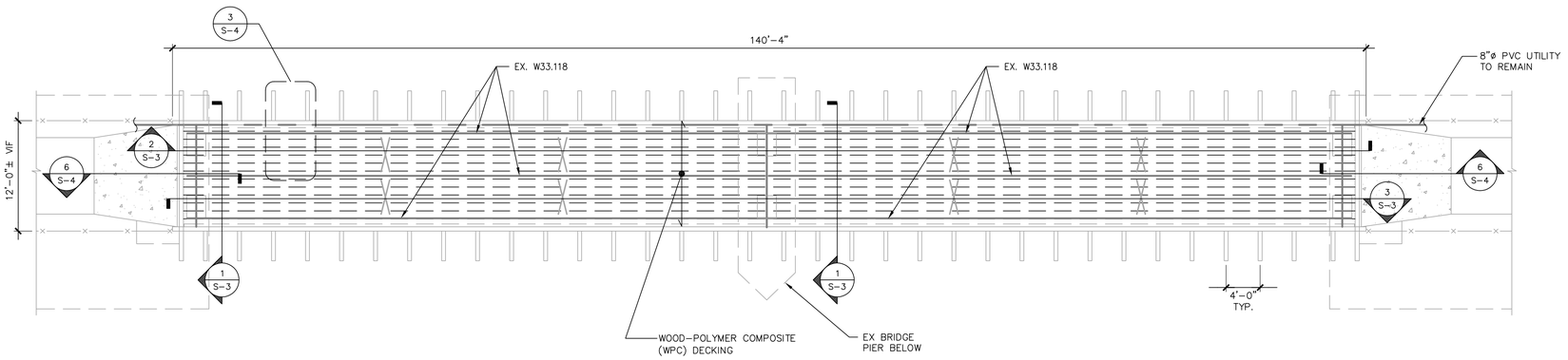
Job Number: 2446005
Scale: AS NOTED
Drawn By: JR
Designed By: KB
Checked By: LR
Date: 10/03/24

Drawing Number

S-2

EB#2446005

Multi-Page Approved



REPAIR PLAN

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

NORTH

NOTES:

1. KEYED REPAIR NOTES DENOTE THE FOLLOWING AND APPLY WHERE INDICATED ON REPAIR ELEVATION 2 & 3/S-3:

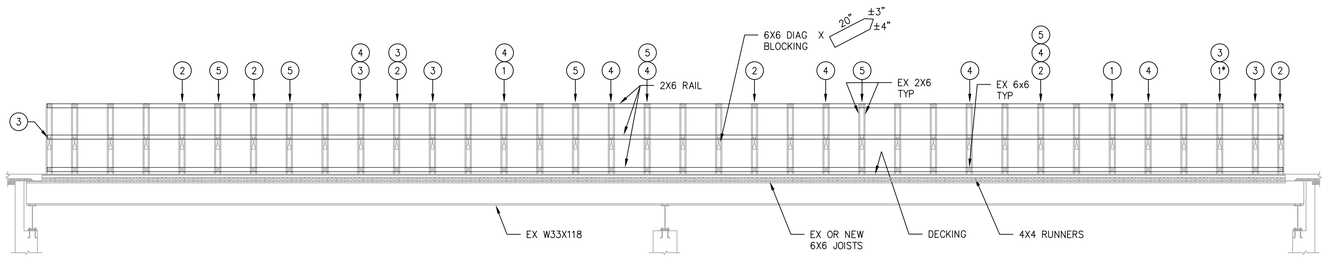
(1) REMOVE AND REPLACE IN KIND DAMAGED EXISTING 2x6 DIAGONAL BRACE. WHERE INDICATED WITH 1*, REMOVE AND REPLACE BOTH DIAGONAL BRACES IN KIND. SEE 1/S-3.

(2) REMOVE AND REPLACE IN KIND DAMAGED EXISTING 2x6 VERTICAL POST, 1 PER LOCATION. SEE 1/S-3.

(3) REMOVE AND REPLACE IN KIND SPLIT MIDDLE 6x6 BLOCKING. SEE 4/S-4.

(4) REMOVE AND REPLACE IN KIND SPLIT BOTTOM 6x6 BLOCKING. SEE 2/S-4.

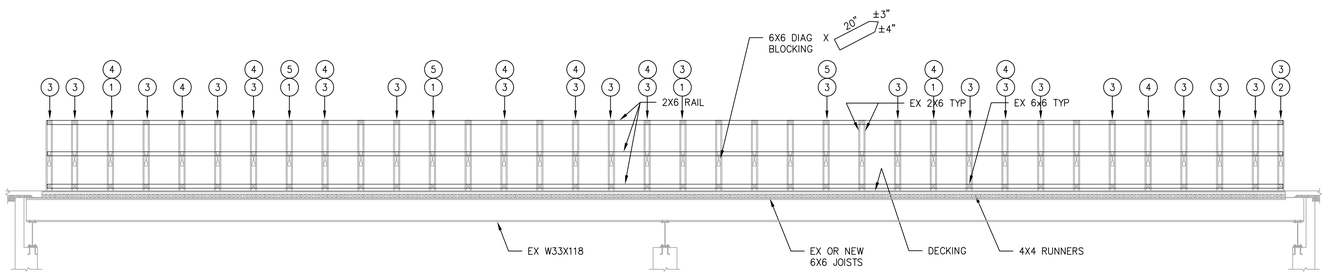
(5) REPLACE MISSING GALVANIZED CARRAGE BOLTS IN KIND AT POST / DIAGONAL BRACES.



NORTH REPAIR ELEVATION

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

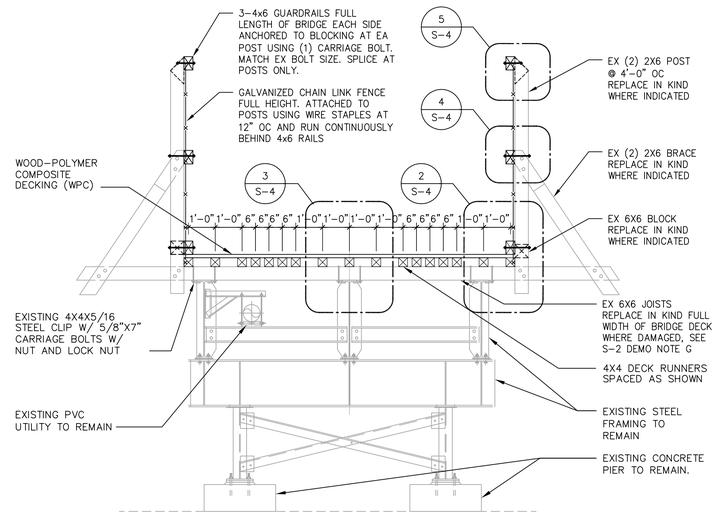
2 S-3



SOUTH REPAIR ELEVATION

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

3 S-3



SECTION

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

1 S-3

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10/17/2024

REPAIR PLAN, ELEVATIONS AND SECTIONS

NVRPA - BRIDGE DECKING IMPROVEMENT

BROAD RUN

VIRGINIA

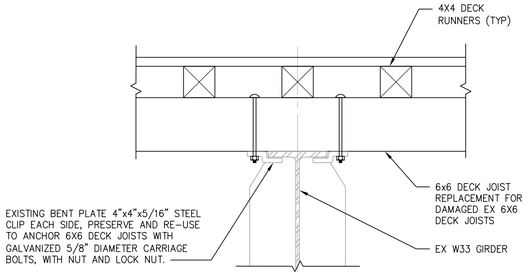
Revision	Date
PERMIT SET	10/03/2024

Job Number: 2440005
Scale: AS NOTED
Drawn By: JR
Designed By: KB
Checked By: LR
Date: 10/03/24

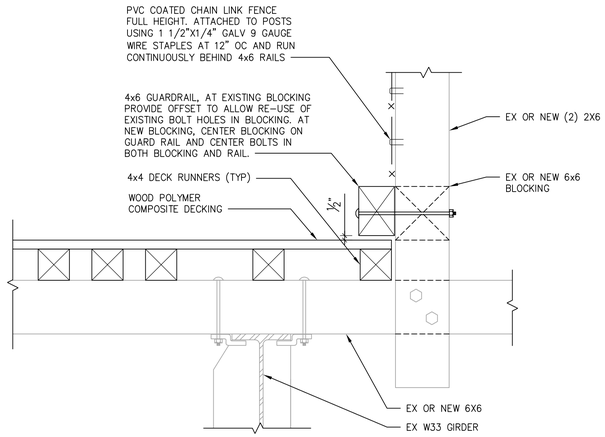
Drawing Number

S-3

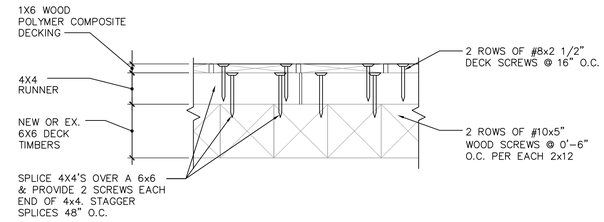
EB#2440005



SECTION 3 S-4
SCALE: 1 1/2 " = 1'-0"

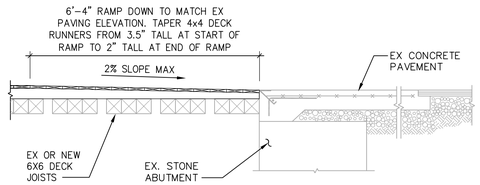


SECTION 2 S-4
SCALE: 1 1/2 " = 1'-0"

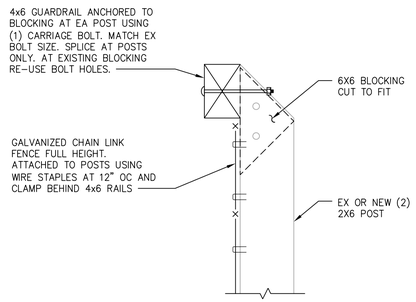


TYPICAL DECK FASTENING

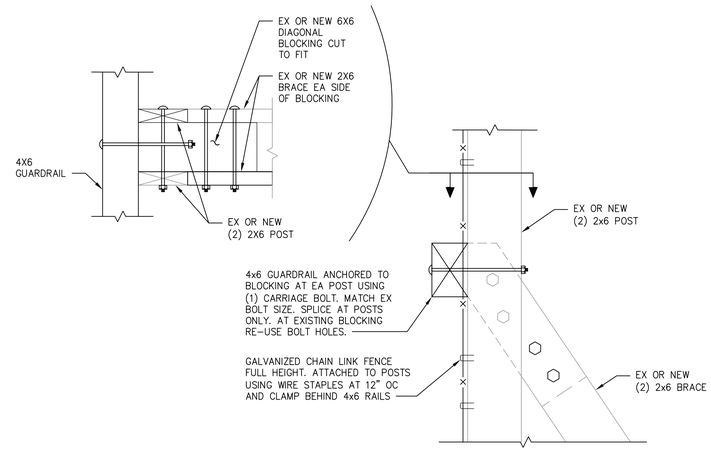
SECTION 1 S-4
SCALE: 1 1/2 " = 1'-0"



SECTION 6 S-4
SCALE: 1/2"=1'-0"



SECTION 5 S-4
SCALE: 1 1/2 " = 1'-0"



SECTION 4 S-4
SCALE: 1 1/2 " = 1'-0"

Loudoun County Building and Development
Division of Code Enforcement
Plans Approved as Noted, Subject to Field Approval of Construction

Reviewer: Garrett.Walker
Date: 12/11/2024
Use Group: U
Construction Type: VB
SprinKlered: N/A
Occupant Load: N/A

County of Loudoun
CODE ENFOREMENT PLAN REVIEW
Plan reviewed under
2021 USBC

ALL WORK SHALL COMPLY WITH VIRGINIA
UNIFORM STATEWIDE BUILDING CODE.

This set of plans and specifications
MUST be kept on this job at all times
And it is unlawful to deviate from or
make any changes or alterations on
these without written permission from
the Division of Building Inspection.
The stamping of this plan and specifications
SHALL NOT be held to permit
or to be an approval of the violation
of any county ordinance or state law.

THIS IS NOT A REVIEW OR APPROVAL
OF MECHANICAL, ELECTRICAL,
PLUMBING, FIRE, ZONING
OR SITE PLANS.

Guardrails to withstand
200 psf concentrated load
anywhere along the top.

FROST FOOTINGS REQUIRED FOR ALL
BEARING WALLS, SLABS, DECKS, PORCHES,
TRAILERS, STOOPS, AND STEPS. FROST
DEPTH 24" MINIMUM BELOW FINISHED GRADE.

EHLERT BRYAN
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COMMONWEALTH OF VIRGINIA
JAMES BRYAN LEHLERT
10/17/2024

SECTIONS

NVRPA - BRIDGE DECKING IMPROVEMENT
BROAD RUN VIRGINIA

Revision	Date
PERMIT SET	10/03/2024

Job Number: 2440005
Scale: AS NOTED
Drawn By: JR
Designed By: KB
Checked By: LR
Date: 10/03/24

Drawing Number
S-4

EB#2440005