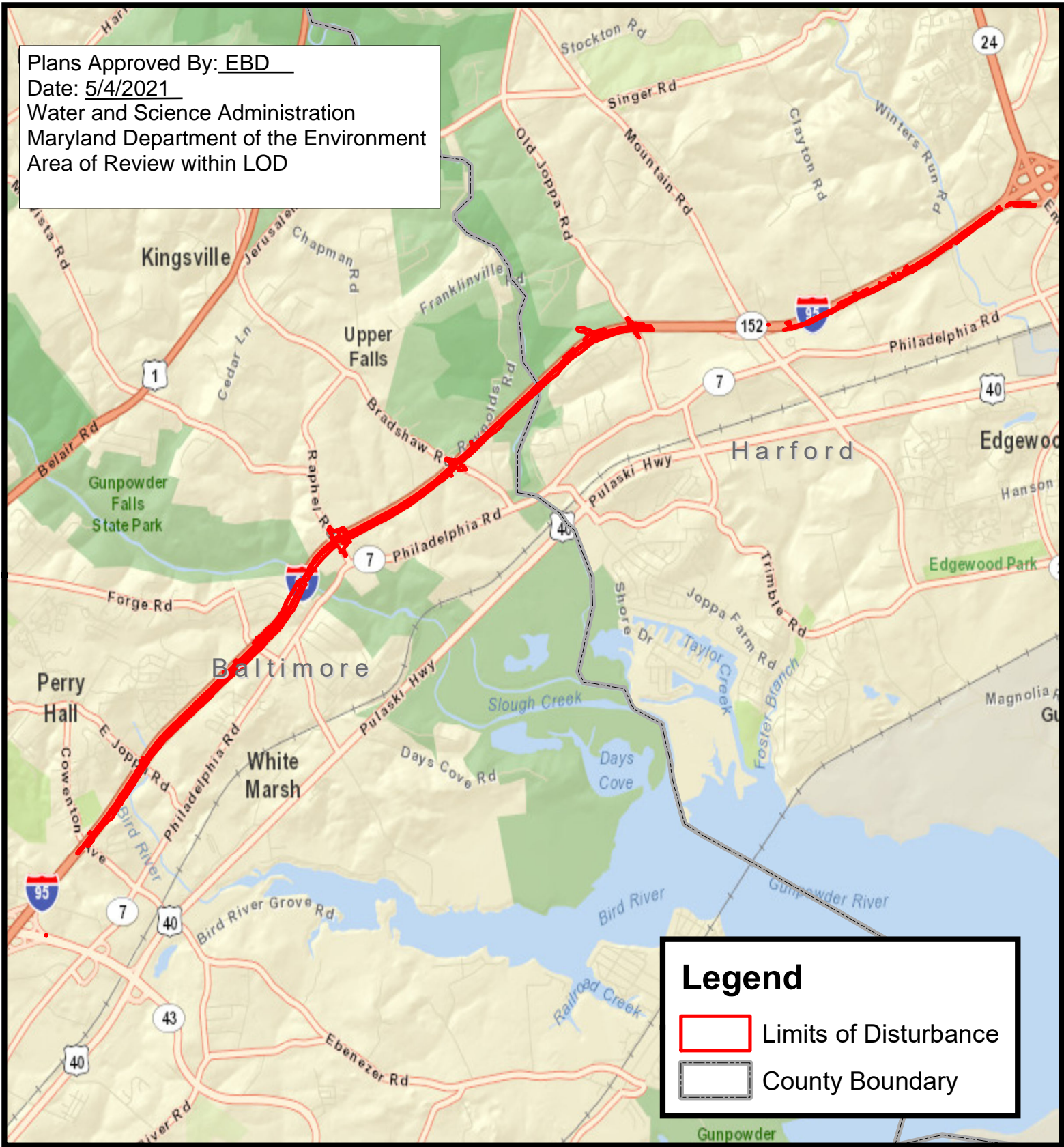


Plans Approved By: EBD  
 Date: 5/4/2021  
 Water and Science Administration  
 Maryland Department of the Environment  
 Area of Review within LOD



**Legend**

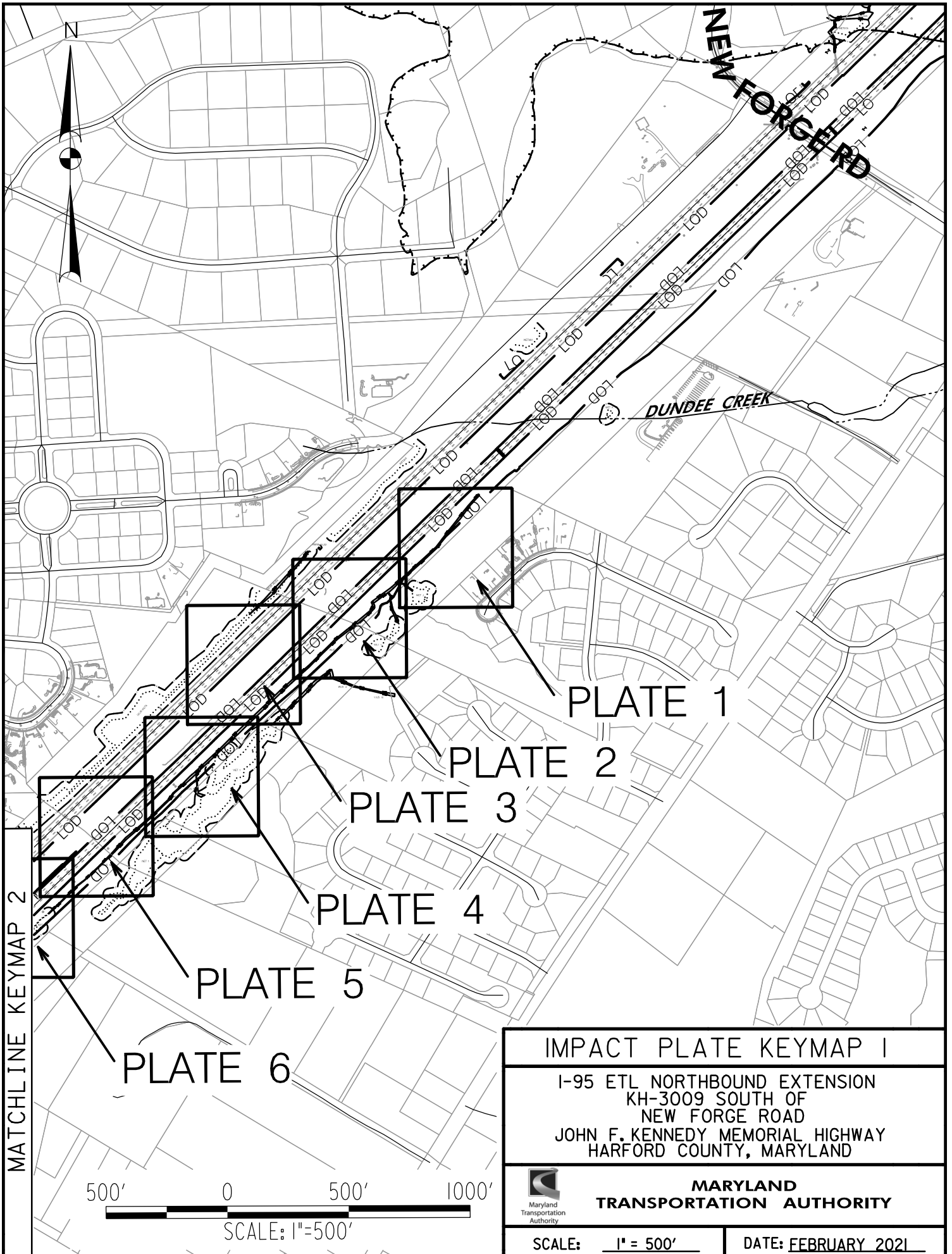
- Limits of Disturbance
- County Boundary


**SOURCE: ESRI**

**VICINITY MAP**

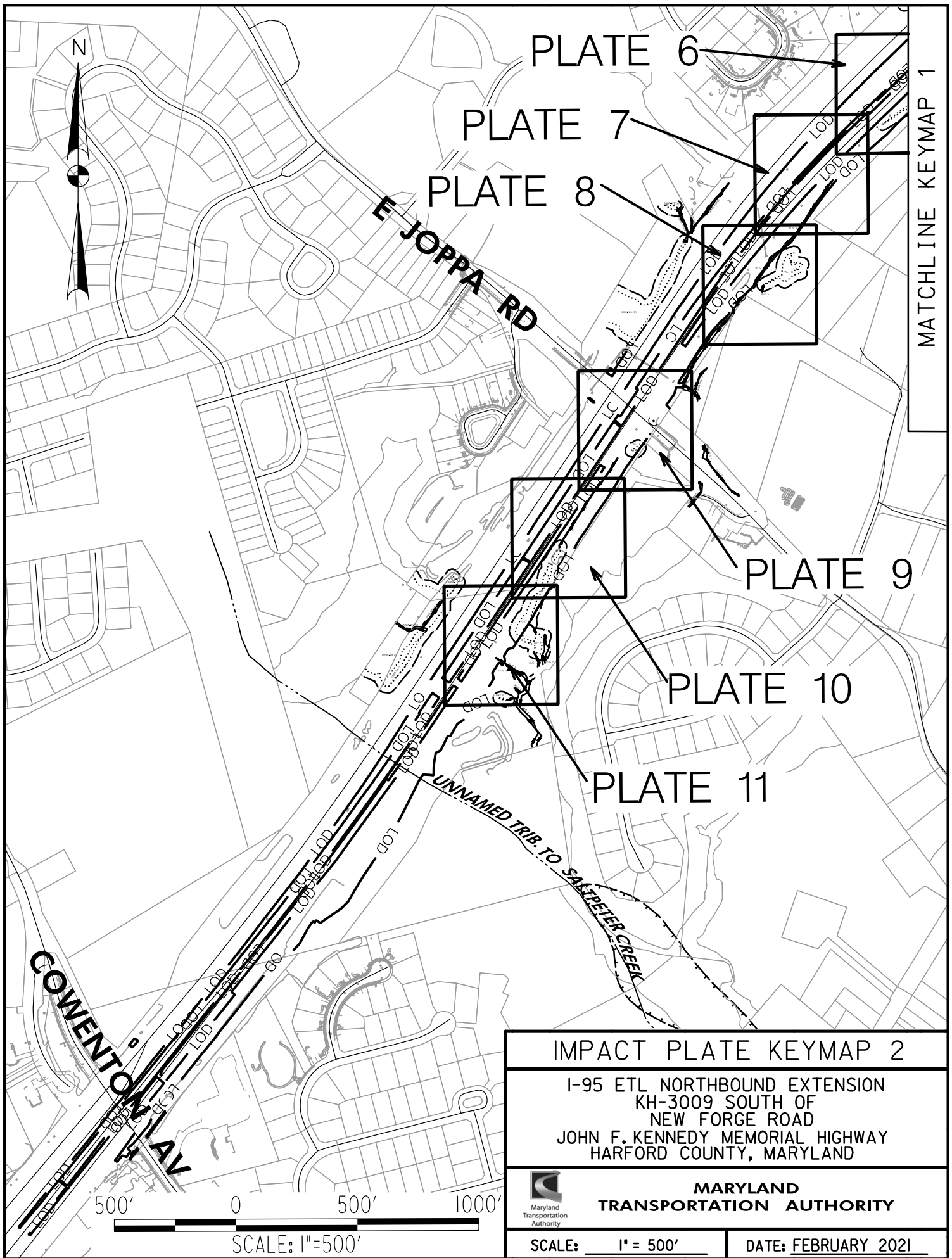
**I-95 ETL NB EXTENSION SECTION 200 PHASE I  
 HARFORD/BALTIMORE COUNTY, MARYLAND**

<b>DATE: SEPTEMBER 2020</b>	<b>SCALE: 1" = 5,000'</b>
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<b>IMPACT PLATE KEYMAP 1</b>	
I-95 ETL NORTHBOUND EXTENSION KH-3009 SOUTH OF NEW FORGE ROAD JOHN F. KENNEDY MEMORIAL HIGHWAY HARFORD COUNTY, MARYLAND	
 <b>MARYLAND TRANSPORTATION AUTHORITY</b>	
SCALE: 1" = 500'	DATE: FEBRUARY 2021





**IMPACT PLATE KEYMAP 2**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 SOUTH OF  
 NEW FORGE ROAD  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND

**MARYLAND**  
 TRANSPORTATION AUTHORITY

SCALE: 1" = 500'      DATE: FEBRUARY 2021

LEGEND

LIMIT OF DISTURBANCE



RIGHT-OF-WAY



100-YEAR FLOODPLAIN



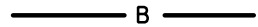
WUS BOUNDARY



WETLAND BOUNDARY



WETLAND BUFFER BOUNDARY



PROPERTY BOUNDARY



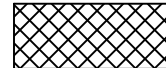
EXISTING 2' CONTOUR



WUS IMPACT PERMANENT



WETLAND IMPACT PERMANENT



WETLAND BUFFER IMPACT PERMANENT



IMPACT PLATE LEGEND

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 SOUTH OF  
 NEW FORGE ROAD  
 HARFORD COUNTY, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE:     N.T.S.    

DATE:     FEBRUARY 2021



## LEGEND

PROPOSED CONTOUR	
STABILIZED CONSTRUCTION ENTRANCE	
SUPER SILT FENCE	
PORTABLE SEDIMENT TANK	
PUMP AROUND PRACTICE	
SAND BAG DIVERSION	
PROPOSED PIPE AND CULVERT / RIP RAP OUTFALL PROTECTION	
PROPOSED BMP FOOTPRINT AND CHECKDAM	
STORM DITCH	
PROPOSED INTELLIGENT TRANSPORTATION SYSTEMS STRUCTURES	 <span style="margin-left: 10px;">CCTV #1</span> 

<b>IMPACT PLATE LEGEND</b>	
I-95 ETL NORTHBOUND EXTENSION KH-3009 SOUTH OF NEW FORGE ROAD HARFORD COUNTY, MARYLAND	
	<b>MARYLAND TRANSPORTATION AUTHORITY</b>
SCALE: <u>          N.T.S.          </u>	DATE: <u>          FEBRUARY 2021          </u>

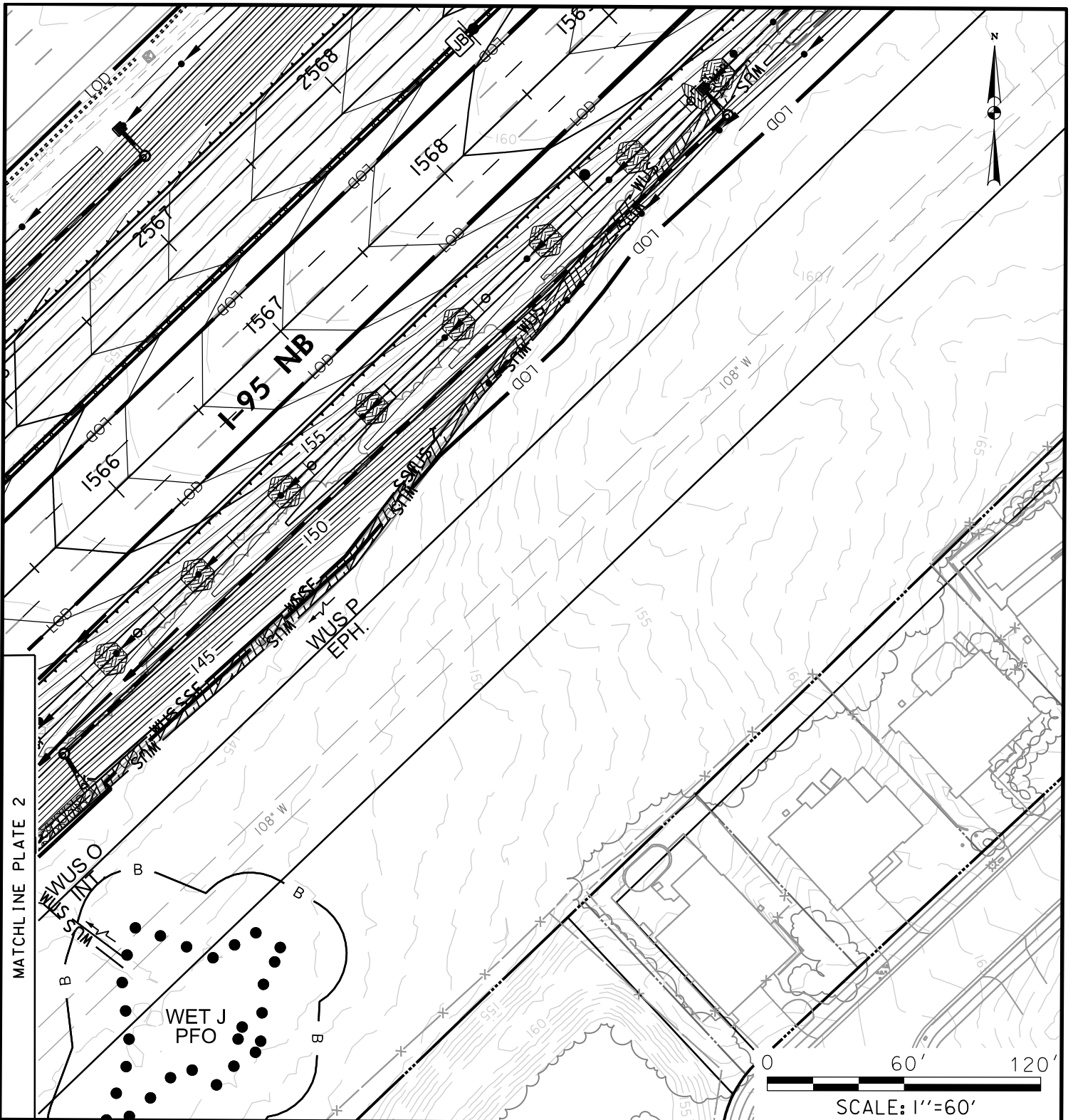
**KH-3009 South of New Forge Road Wetland Impact Summary Table**

Plate/Plan Sheet No.	Resource ID	PEM Wetland		PSS Wetland		PFO Wetland		25-foot Wetland Buffer	
		Temporary	Permanent	Temporary	Permanent	Temporary	Permanent	Temporary	Permanent
		SF	SF	SF	SF	SF	SF	SF	SF
PLATE 2	GPJR-WET7	0	6,120	0	0	0	0	0	11,886
PLATE 3	GPJR-WET7	0	11,049	0	0	0	0	0	28,546
PLATE 3	GPJR-WET8	0	0	0	0	0	7,549		
PLATE 4	BRBR-WET1	0	0	0	0	0	464	0	2,518
PLATE 4	GPJR-WET8	0	0	0	0	0	6,749	0	13,345
PLATE 6	GPJR-WET6	0	0	0	0	0	4,305	0	11,738
PLATE 6	WET H	0	1,317	0	0	0	0	0	11,721
PLATE 7	GPJR-WET5	0	0	0	0	0	1,051	0	7,343
PLATE 9	WET F	0	365	0	0	0	0	0	4,307
PLATE 10	BRBR-WET22	0	1,020	0	0	0	0	0	7,204
PLATE 10	BRBR-WET22	0	0	0	966	0	0	0	
PLATE 11	BRBR-WET22	0	5,864	0	0	0	0	0	12,267
<b>Total</b>		<b>0</b>	<b>25,735</b>	<b>0</b>	<b>966</b>	<b>0</b>	<b>20,118</b>	<b>0</b>	<b>110,875</b>



**KH-3009 South of New Forge Road WUS Impact Summary Table**

Plate/Plan Sheet No.	Resource ID	Perennial WUS				Intermittent WUS				Ephemeral WUS				100-Year Floodplain	
		Temporary		Permanent		Temporary		Permanent		Temporary		Permanent		Temporary	Permanent
		LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	SF	SF
PLATE 1	WUS P	0	0	0	0	0	0	0	0	0	0	467	2,707	0	0
PLATE 2	WUS O	0	0	0	0	0	0	7	21	0	0	0	0	0	0
PLATE 2	WUS P	0	0	0	0	0	0	114	700	0	0	25	146	0	0
PLATE 2	GPJR-WUS1	0	0	0	0	0	0	448	3,024	0	0	0	0	0	0
PLATE 2	GPJR-WUS1A	0	0	0	0	0	0	76	700	0	0	0	0	0	0
PLATE 2	GPJR-WUS1B	0	0	0	0	0	0	32	100	0	0	0	0	0	0
PLATE 3	GPJR-WUS1	0	0	0	0	0	0	268	2,341	0	0	0	0	0	0
PLATE 4	GPJR-WUS1	0	0	0	0	0	0	208	2,623	0	0	0	0	0	0
PLATE 4	GPJR-WUS2B	0	0	0	0	0	0	26	109	0	0	0	0	0	0
PLATE 4	GPJR-WUS2A	0	0	0	0	0	0	0	0	0	0	127	790	0	0
PLATE 4	WUS M	0	0	0	0	0	0	0	0	0	0	273	695	0	0
PLATE 5	WUS M	0	0	0	0	0	0	0	0	0	0	466	1,937	0	0
PLATE 6	WUS M	0	0	0	0	0	0	0	0	0	0	107	249	0	0
PLATE 7	WUS K	0	0	0	0	0	0	0	0	0	0	244	412	0	0
PLATE 8	WUS K	0	0	0	0	0	0	0	0	0	0	122	219	0	0
PLATE 9	BRBR-WUS1	0	0	44	429	0	0	0	0	0	0	0	0	0	0
PLATE 11	WUS F	0	0	0	0	0	0	0	0	0	0	47	59	0	0
PLATE 11	BRBR-WUS8	0	0	38	309	0	0	0	0	0	0	0	0	0	0
<b>Total</b>		<b>0</b>	<b>0</b>	<b>82</b>	<b>738</b>	<b>0</b>	<b>0</b>	<b>1,179</b>	<b>9,618</b>	<b>0</b>	<b>0</b>	<b>1,878</b>	<b>7,214</b>	<b>0</b>	<b>0</b>




**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	467/2,707 LF/SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
KH-3009 SOUTH OF  
NEW FORGE ROAD

HARFORD COUNTY, MARYLAND



**MARYLAND  
TRANSPORTATION AUTHORITY**

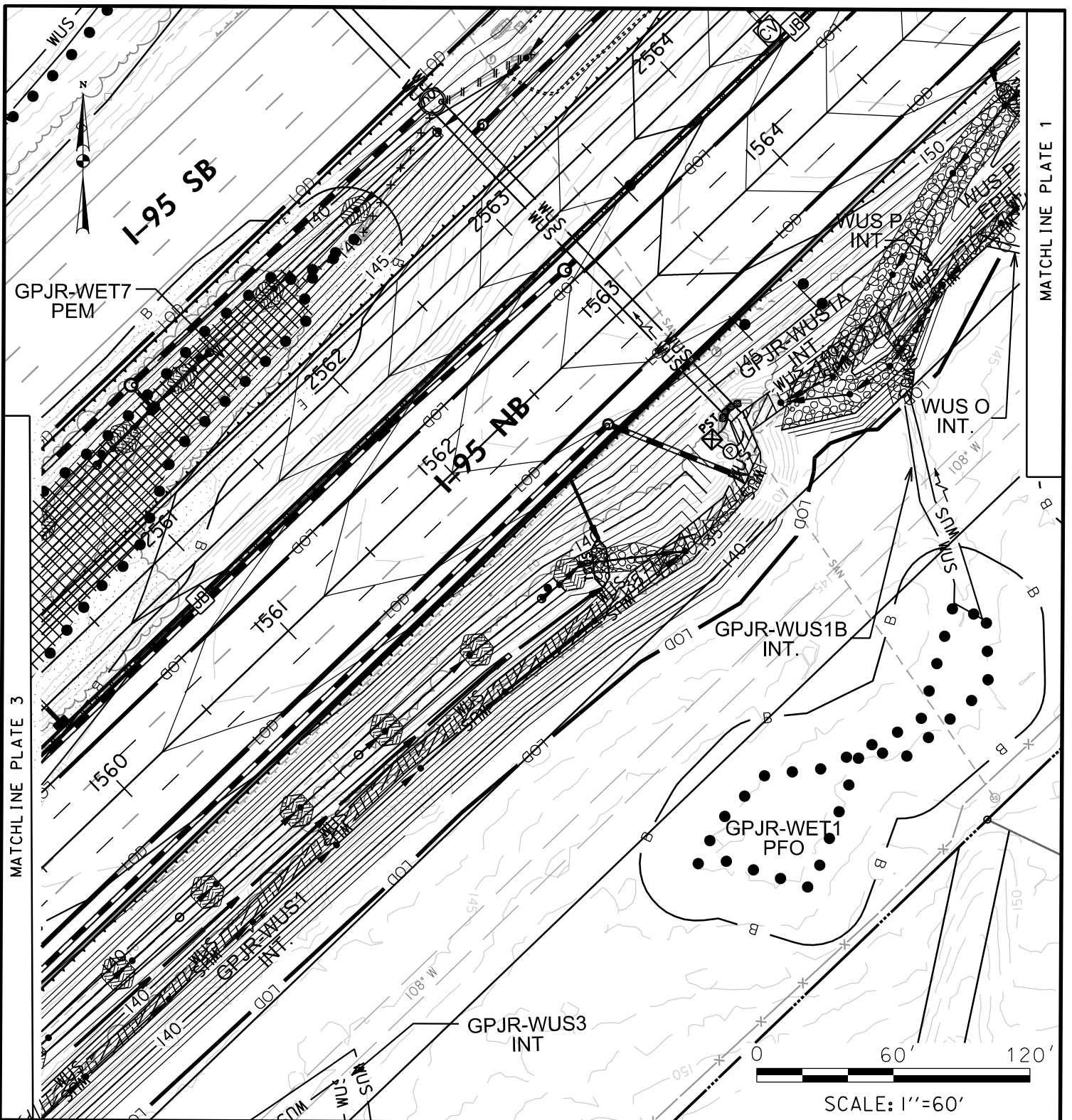
SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE I OF II





**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	6,120 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	677/4,545 LF/SF
EPHEMERAL WUS	0 LF/SF	25/146 LF/SF
WETLAND BUFFER	0 SF	11,886 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
KH-3009 SOUTH OF  
NEW FORGE ROAD

HARFORD COUNTY, MARYLAND



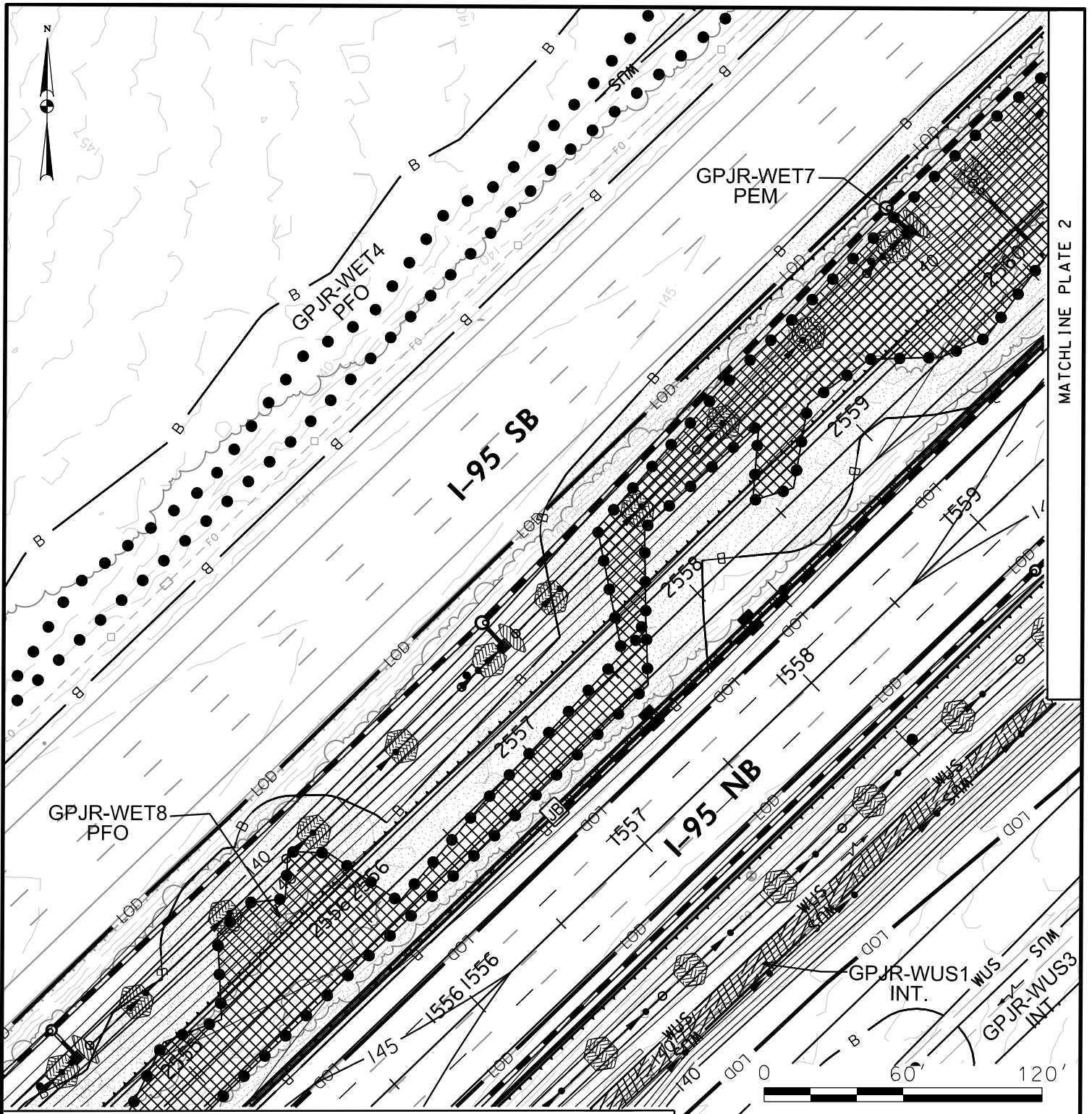
**MARYLAND  
TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 2 OF 11



MATCHLINE PLATE 4

SCALE: 1"=60'

IMPACTS ON THIS PLATE

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	7.549 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	11.049 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	268/2,341 LF/SF
EPHEMERAL WUS	0 LF/SF	0 LF/SF
WETLAND BUFFER	0 SF	28,546 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

WETLAND IMPACT PLATE

I-95 ETL NORTHBOUND EXTENSION  
KH-3009 SOUTH OF  
NEW FORGE ROAD

HARFORD COUNTY, MARYLAND



**MARYLAND  
TRANSPORTATION AUTHORITY**

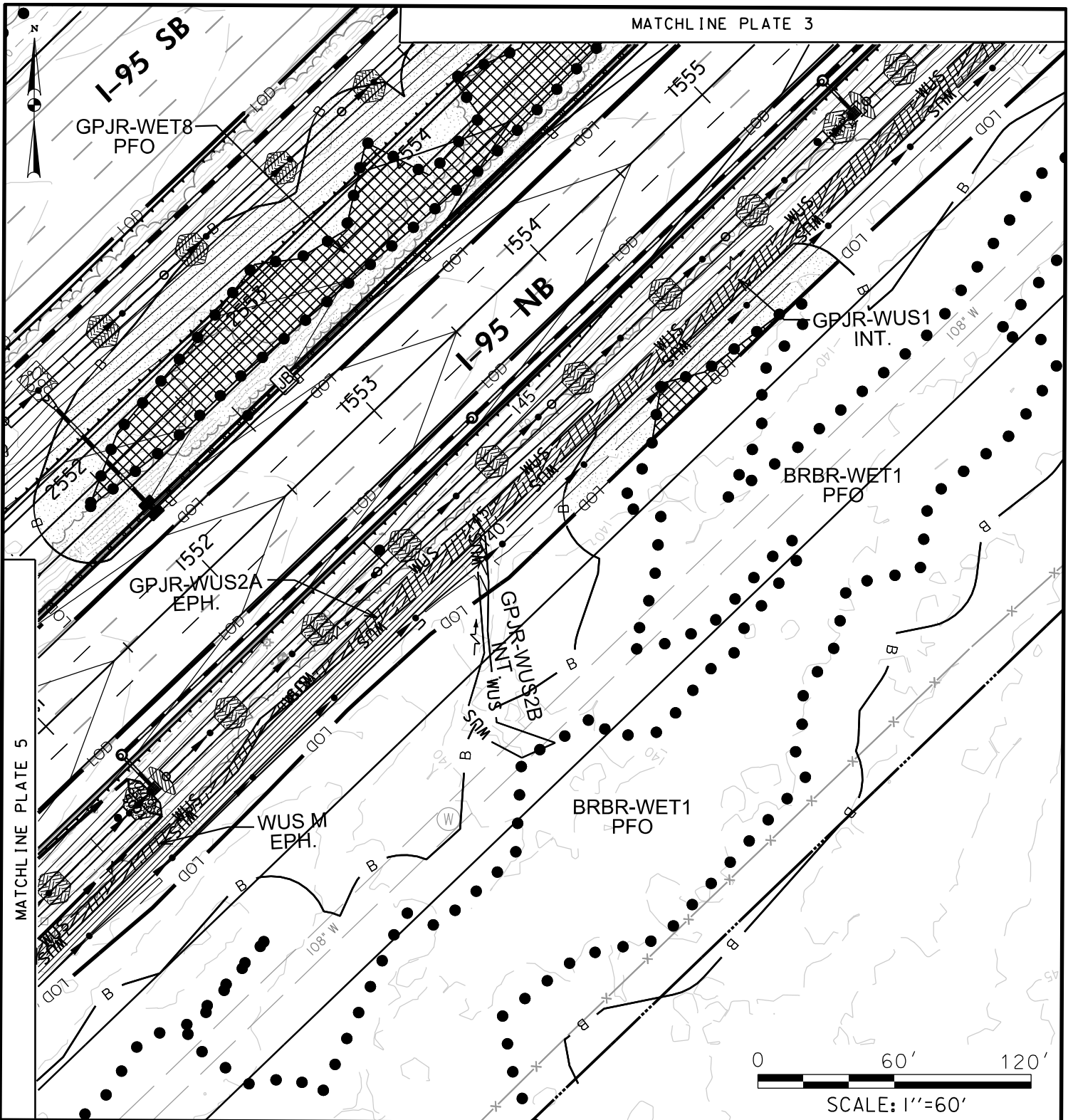
SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 3 OF 11





**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	7,213 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	234/2,732 LF/SF
EPHEMERAL WUS	0 LF/SF	400/1,485 LF/SF
WETLAND BUFFER	0 SF	15,863 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

**I-95 ETL NORTHBOUND EXTENSION  
KH-3009 SOUTH OF  
NEW FORGE ROAD**

**HARFORD COUNTY, MARYLAND**



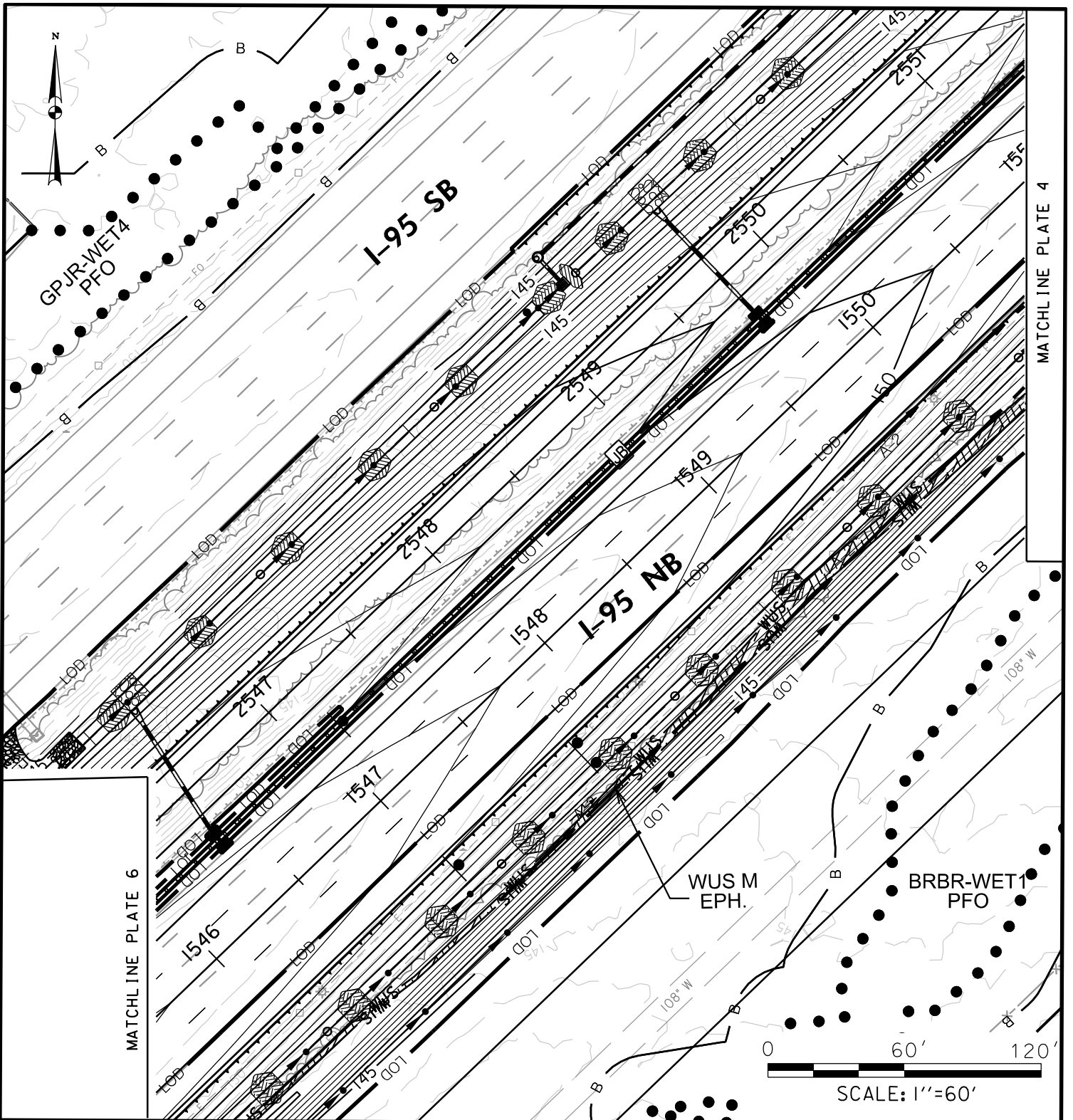
**MARYLAND  
TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 4 OF 11



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	466/1,937 LF/SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
KH-3009 SOUTH OF  
NEW FORGE ROAD

HARFORD COUNTY, MARYLAND



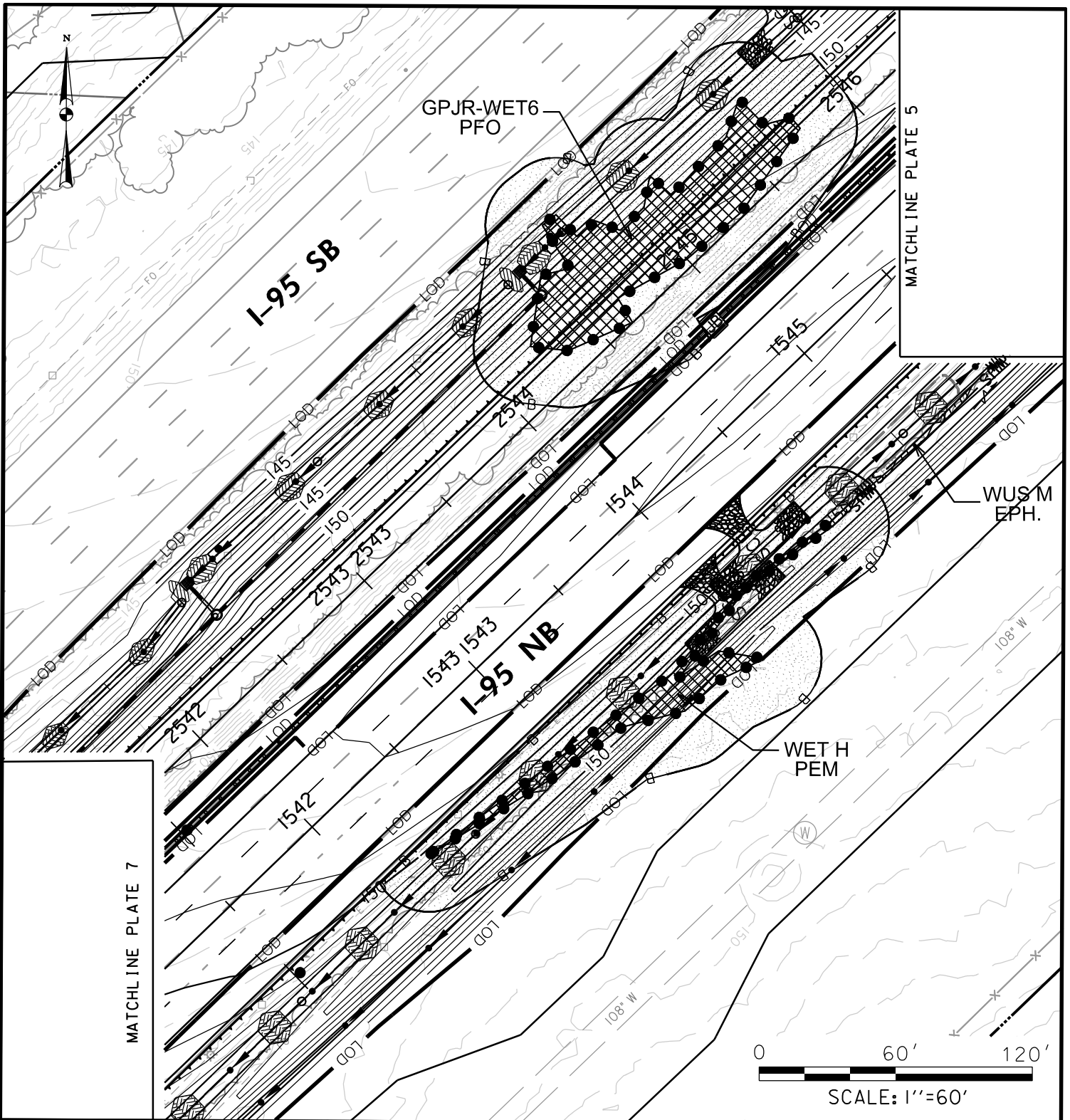
**MARYLAND  
TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 5 OF 11



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	4,305 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	1,317 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	107/249 LF/SF
WETLAND BUFFER	0 SF	23,459 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
KH-3009 SOUTH OF  
NEW FORGE ROAD

HARFORD COUNTY, MARYLAND



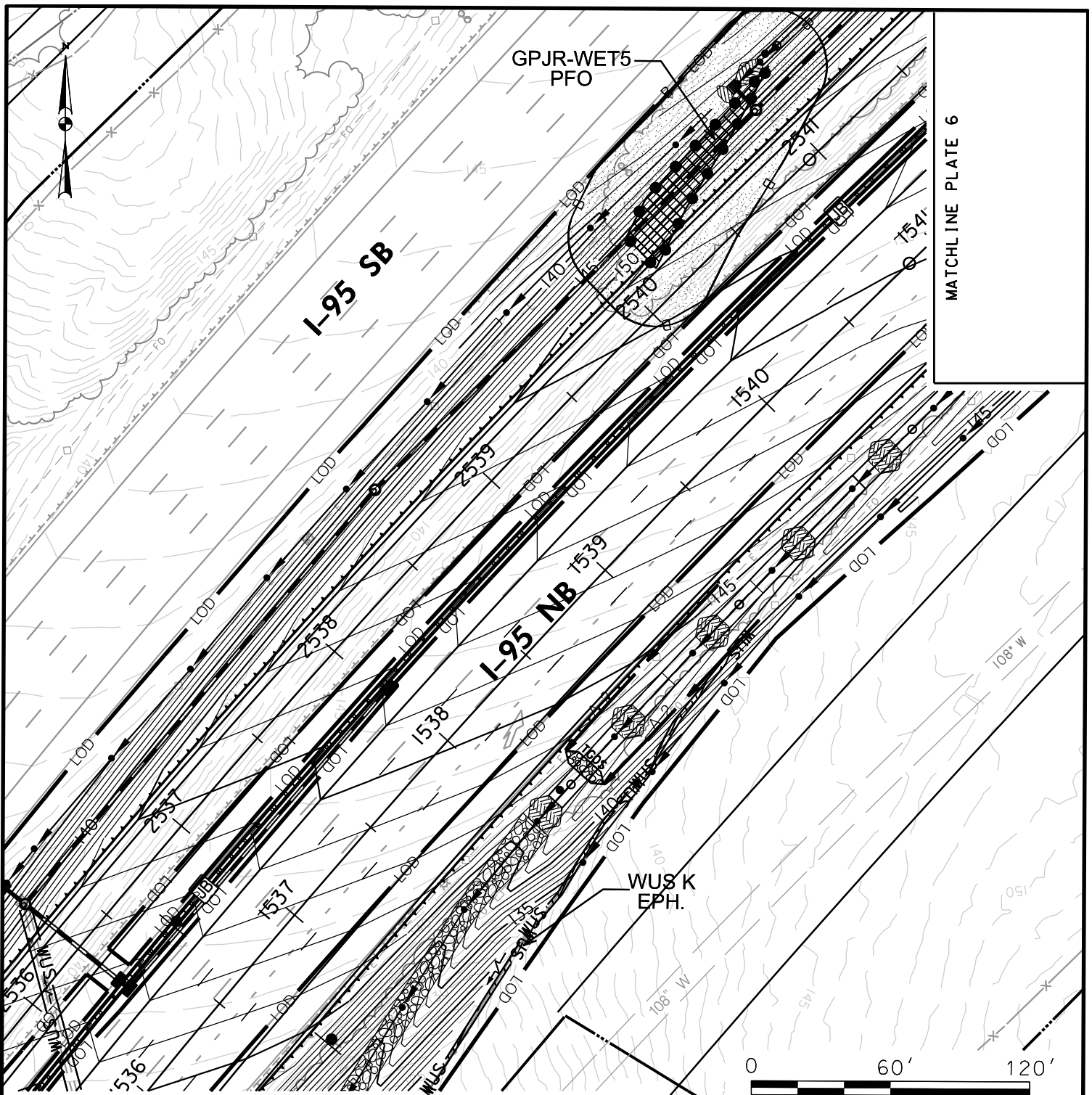
**MARYLAND  
TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 6 OF 11



MATCHLINE PLATE 6

MATCHLINE PLATE 8

SCALE: 1"=60'

IMPACTS ON THIS PLATE

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	1.051 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	244/412 LF/SF
WETLAND BUFFER	0 SF	7.343 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

WETLAND IMPACT PLATE

I-95 ETL NORTHBOUND EXTENSION  
KH-3009 SOUTH OF  
NEW FORGE ROAD  
HARFORD COUNTY, MARYLAND



MARYLAND  
TRANSPORTATION AUTHORITY

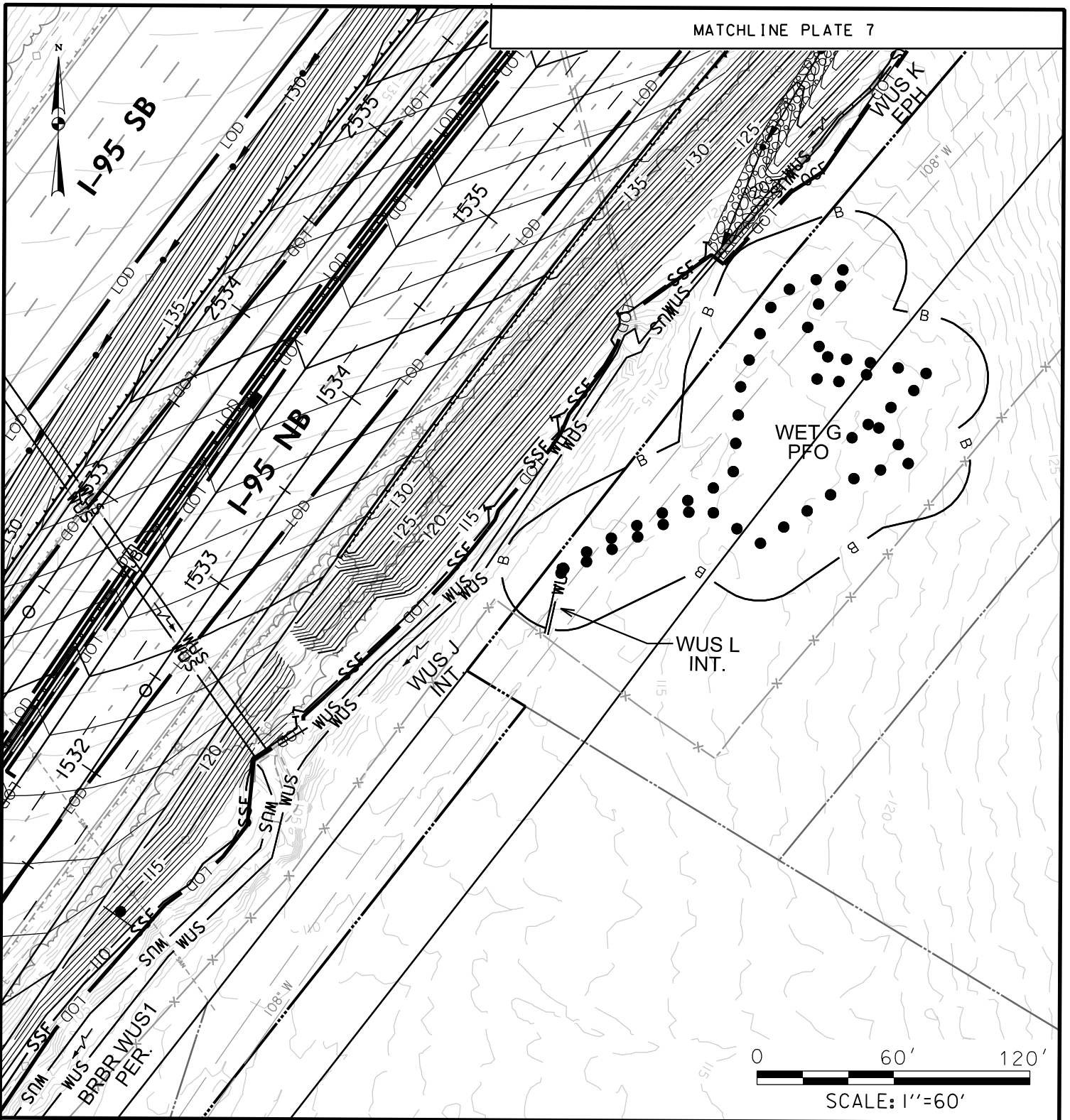
SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 7 OF 11





**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	122/219 LF/SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
KH-3009 SOUTH OF  
NEW FORGE ROAD

HARFORD COUNTY, MARYLAND



**MARYLAND  
TRANSPORTATION AUTHORITY**

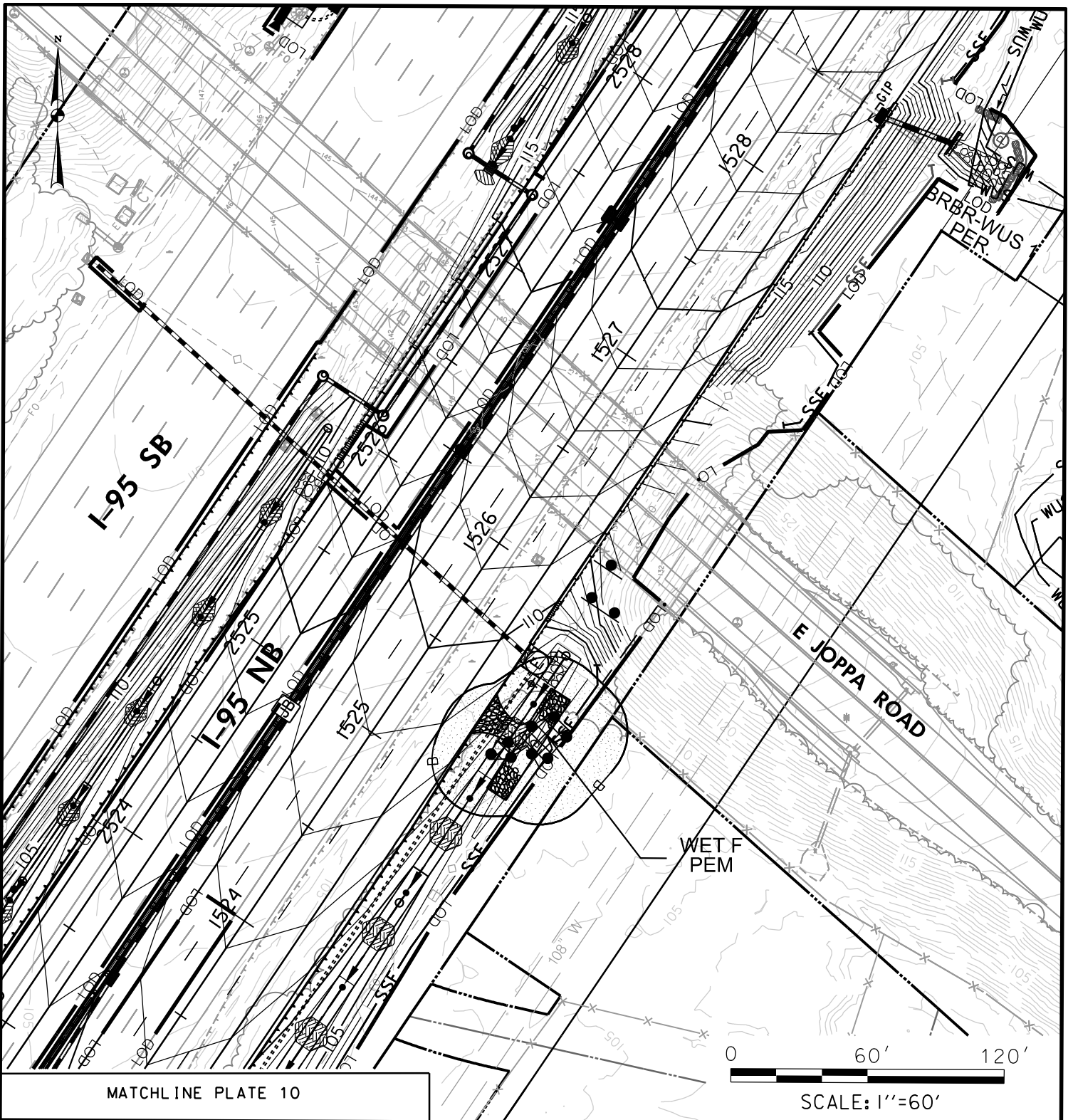
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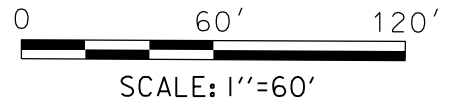
DATE: FEBRUARY 2021

PLATE 8 OF 11





MATCHLINE PLATE 10



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	365 SF
PERENNIAL WUS	0 LF/SF	44/429 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	0 LF/SF
WETLAND BUFFER	0 SF	4,307 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
KH-3009 SOUTH OF  
NEW FORGE ROAD

HARFORD COUNTY, MARYLAND



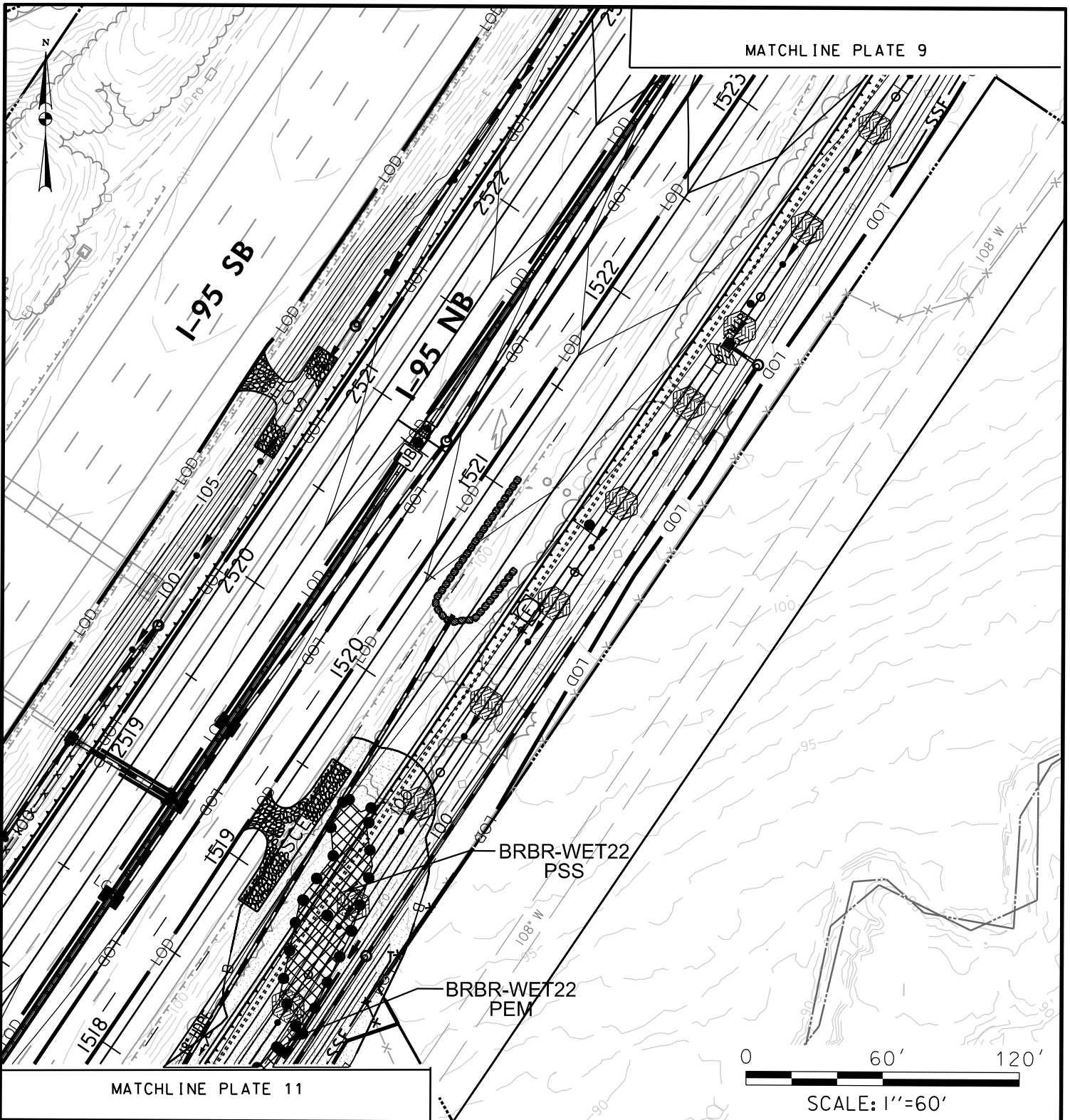
**MARYLAND  
TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 9 OF 11



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	966 SF
PEM WETLAND	0 SF	1,020 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	0 LF/SF
WETLAND BUFFER	0 SF	7,204 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
KH-3009 SOUTH OF  
NEW FORGE ROAD

HARFORD COUNTY, MARYLAND

**MARYLAND  
TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 10 OF 11



MATCHLINE KEYMAP 2

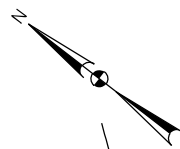


PLATE 7

PLATE 6

PLATE 5

PLATE 4

PLATE 3

PLATE 2

PLATE 1

BIG GUNPOWDER FALLS

FORCE RD

CARRINGTON DRIVE

NEW FORGE ROAD

UNNAMED TRIB. TO GUNPOWDER FALLS

### IMPACT PLATE KEYMAP I

I-95 ETL NORTHBOUND EXTENSION  
KH-3009 NEW FORGE TO MD 152

JOHN F. KENNEDY MEMORIAL HIGHWAY  
HARFORD COUNTY, MARYLAND



**MARYLAND  
TRANSPORTATION AUTHORITY**

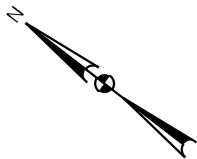
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DATE: FEBRUARY 2021

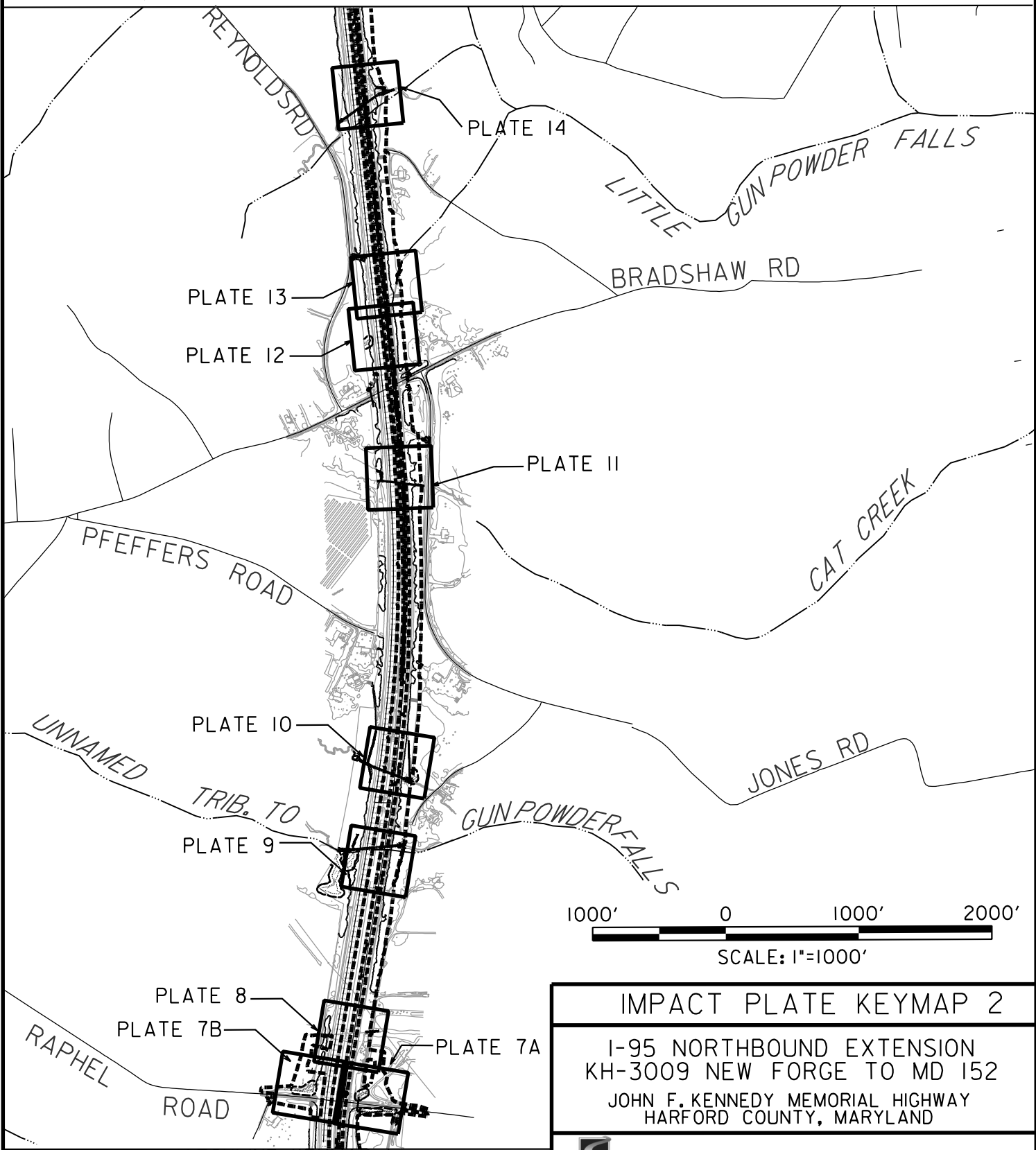


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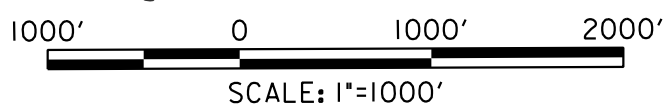
FILE: Q:\SMD\130770\_048\_195\_ETL\_N.Tran\CADD\N&CR\*Phase I\*Plates\*North of New Forge\*WT-Key Map 1  
DATE: Tuesday, February 02, 2021 AT 12:34 PM



MATCHLINE KEYMAP 3



MATCHLINE KEYMAP 1



### IMPACT PLATE KEYMAP 2

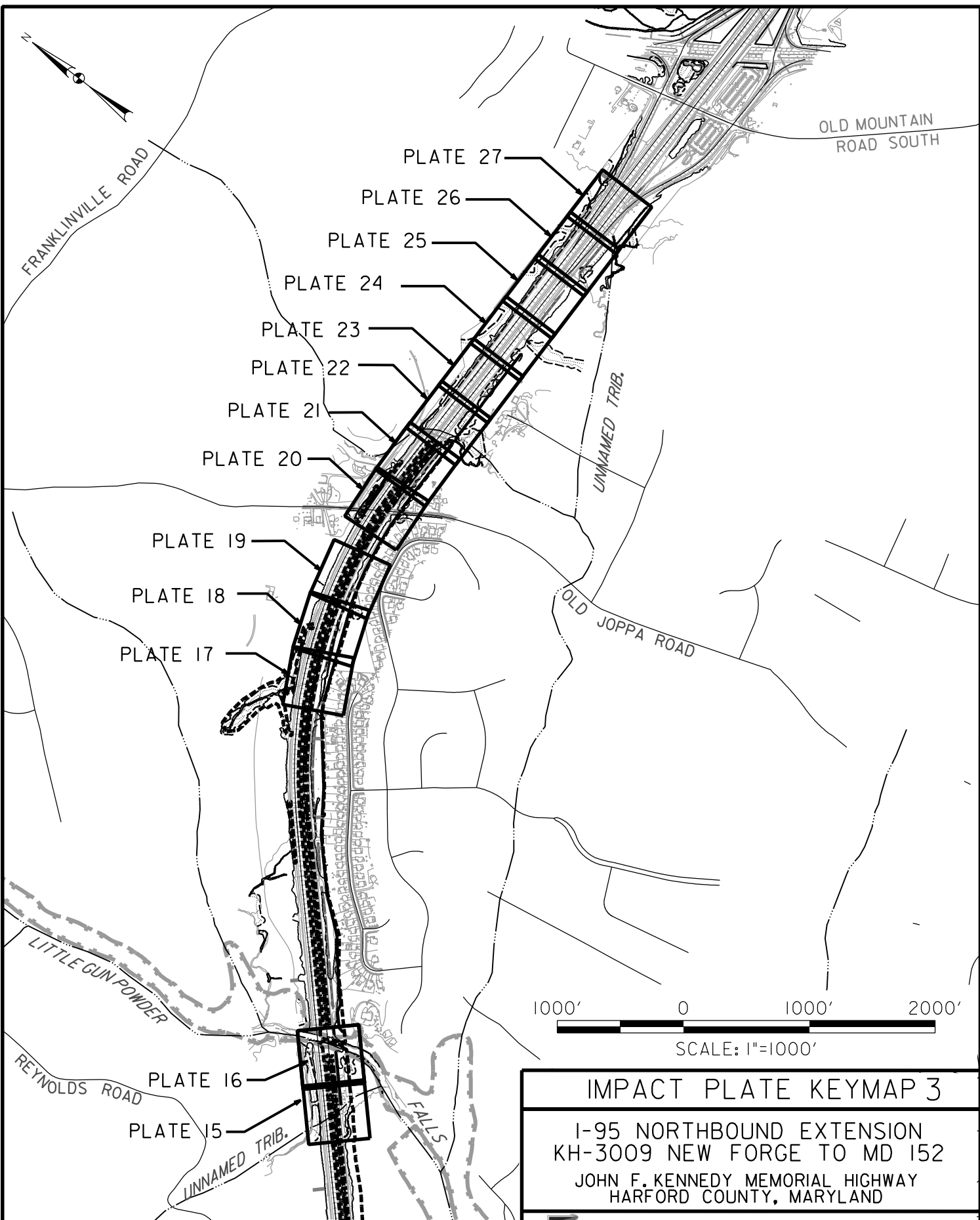
I-95 NORTHBOUND EXTENSION  
KH-3009 NEW FORGE TO MD 152  
JOHN F. KENNEDY MEMORIAL HIGHWAY  
HARFORD COUNTY, MARYLAND



**MARYLAND  
TRANSPORTATION AUTHORITY**

SCALE: 1" = 1000'

DATE: FEBRUARY 2021



**IMPACT PLATE KEYMAP 3**












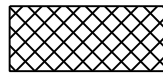
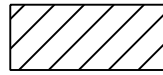
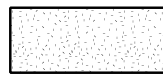
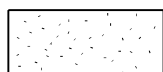
I-95 NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



SCALE: 1" = 1000'      DATE: FEBRUARY 2021

MATCHLINE KEYMAP 2

## LEGEND

LIMIT OF DISTURBANCE	 LOD
LOD-FENCE REPLACEMENT	 LOD
RIGHT-OF-WAY	
100-YEAR FLOODPLAIN	
WUS BOUNDARY	 WUS
WETLAND BOUNDARY	
WETLAND BUFFER BOUNDARY	 B
PROPERTY BOUNDARY	
EXISTING 2' CONTOUR	
WUS IMPACT PERMANENT	
WUS IMPACT TEMPORARY	
WETLAND IMPACT PERMANENT	
WETLAND IMPACT TEMPORARY	
WETLAND BUFFER IMPACT PERMANENT	
WETLAND BUFFER IMPACT TEMPORARY	

### IMPACT PLATE LEGEND

I-95 ETL NORTHBOUND EXTENSION  
KH-3009 NEW FORGE TO MD 152  
JOHN F. KENNEDY MEMORIAL HIGHWAY  
HARFORD COUNTY, MARYLAND



**MARYLAND  
TRANSPORTATION AUTHORITY**

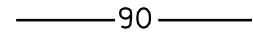
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DATE: FEBRUARY 2021



## LEGEND

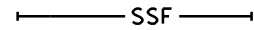
PROPOSED CONTOUR



STABILIZED CONSTRUCTION ENTRANCE



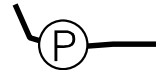
SUPER SILT FENCE



PORTABLE SEDIMENT TANK



PUMP AROUND PRACTICE



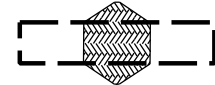
SAND BAG DIVERSION



PROPOSED PIPE AND CULVERT/  
RIP RAP OUTFALL PROTECTION



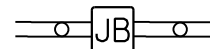
PROPOSED BMP FOOTPRINT  
AND CHECKDAM



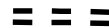
STORM DITCH



PROPOSED INTELLIGENT TRANSPORTATION  
SYSTEMS STRUCTURES



CCTV #1



PROPOSED PAVEMENT REMOVAL



PROPOSED NOISE BARRIER



PROPOSED ROCK OUTLET PROTECTION



### IMPACT PLATE LEGEND

I-95 ETL NORTHBOUND EXTENSION  
KH-3009 NEW FORGE TO MD 152  
JOHN F. KENNEDY MEMORIAL HIGHWAY  
HARFORD COUNTY, MARYLAND



**MARYLAND  
TRANSPORTATION AUTHORITY**

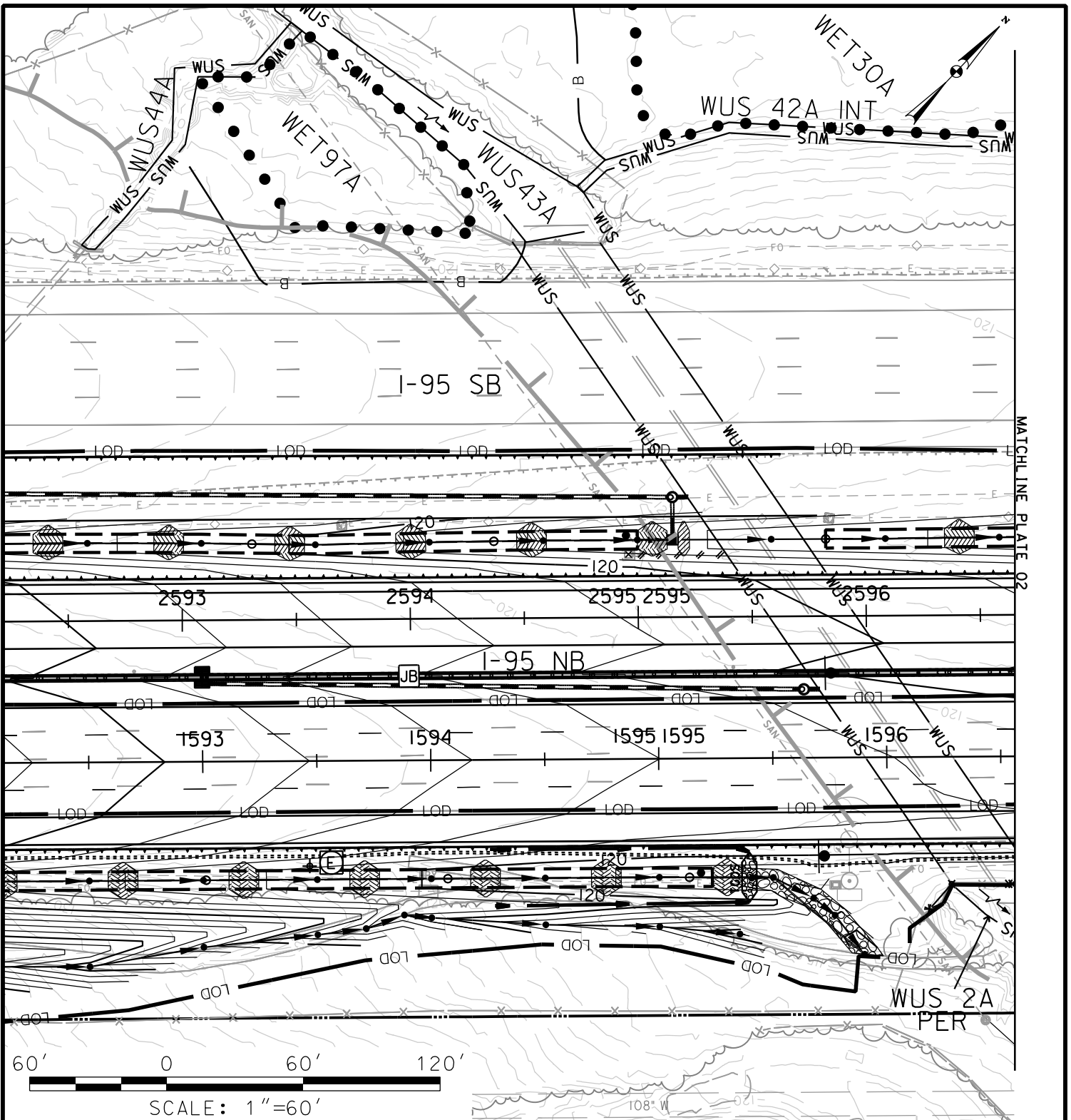
SCALE:            N.T.S.           

DATE: FEBRUARY 2021

I-95 ETL Northbound Extension KH-3009 New Forge Road to MD 152											
Plate/Plan Sheet No.	Resource ID	PEM Wetland		PSS Wetland		PFO Wetland		PFO/PEM Wetland		25-foot Wetland Buffer	
		Temporary	Permanent	Temporary	Permanent	Temporary	Permanent	Temporary	Permanent	Temporary	Permanent
		SF	SF	SF	SF	SF	SF	SF	SF	SF	SF
PLATE 7A	WP001	0	0	0	0	0	968	0	0	0	5,771
	WET 104	0	1,595	0	0	0	0	0	0	0	12,410
PLATE 7B	WET 106	0	2,447	0	0	0	0	0	0	0	11,432
PLATE 10	WET 105	0	0	0	0	0	0	0	0	0	1,275
PLATE 16	WET 10A	0	0	0	0	0	0	0	1,670	0	9,887
PLATE 20	WET 11A	0	0	0	0	0	0	0	0	0	867
<b>Total</b>		<b>0</b>	<b>4,042</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>968</b>	<b>0</b>	<b>1,670</b>	<b>0</b>	<b>41,642</b>

**I-95 ETL Northbound Extension KH-3009 New Forge Road to MD 152**

Plate/Plan Sheet No.	Resource ID	Perennial WUS				Intermittent WUS				Ephemeral WUS				100-Year Floodplain	
		Temporary		Permanent		Temporary		Permanent		Temporary		Permanent		Temporary	Permanent
		LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	SF	SF
PLATE 1	Floodplain	0	0	0	0	0	0	0	0	0	0	0	0	5,330	13,292
PLATE 2	WUS 2A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLATE 2	Floodplain	0	0	0	0	0	0	0	0	0	0	0	0	8,598	64,671
PLATE 3	WUS 2A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLATE 3	Floodplain	0	0	0	0	0	0	0	0	0	0	0	0	2,101	37,522
PLATE 4	Floodplain	0	0	0	0	0	0	0	0	0	0	0	0	0	317
PLATE 5	WUS 6A	47	8,327	178	1,780	0	0	0	0	0	0	0	0	0	0
PLATE 6	WUS B	0	0	0	0	0	0	0	0	0	0	353	341	0	0
PLATE 7	WUS B	0	0	0	0	0	0	0	0	0	0	398	398	0	0
PLATE 7A	WUS 103	0	0	0	0	0	0	56	143	0	0	0	0	0	0
PLATE 7A	WUS 103 CULVERTED	0	0	0	0	0	0	91	299	0	0	0	0	0	0
PLATE 8	WUS 7A	0	0	0	0	0	0	0	0	0	0	49	294	0	0
PLATE 9	WUS 9A	0	0	30	160	0	0	0	0	0	0	0	0	0	0
PLATE 9	WUS 8A	0	0	0	0	0	0	0	0	37	93	14	14	0	0
PLATE 9	WUS 104	0	0	0	0	0	0	40	215	0	0	0	0	0	0
PLATE 10	WUS C	0	0	0	0	0	0	0	0	0	0	292	652	0	0
PLATE 11	WUS 12A	0	0	55	283	0	0	0	0	0	0	0	0	0	0
PLATE 13	WUS 13A	0	0	0	0	0	0	150	702	0	0	0	0	0	0
PLATE 14	WUS 14A	4	83	43	573	0	0	0	0	0	0	0	0	0	0
PLATE 14	WUS 15A	0	0	0	0	0	0	0	0	0	0	65	210	0	0
PLATE 15	WUS 19A	0	0	0	0	0	0	0	0	0	0	265	850	0	0
PLATE 16	WUS 16A	41	2,589	187	2,027	0	0	0	0	0	0	0	0	0	0
PLATE 16	Floodplain	0	0	0	0	0	0	0	0	0	0	0	0	1,312	9,900
PLATE 17	WUS 18A	0	0	188	1,051	0	0	0	0	0	0	0	0	0	0
PLATE 17	WUS D	0	0	0	0	0	0	0	0	0	0	205	701	0	0
PLATE 18	WUS 18A	0	0	262	1,961	0	0	0	0	0	0	0	0	0	0
PLATE 18	WUS 18A	0	0	0	0	0	0	178	707	0	0	0	0	0	0
PLATE 19	WUS 18A	0	0	0	0	0	0	135	560	0	0	0	0	0	0
PLATE 21	WUS E	0	0	0	0	0	0	0	0	0	0	80	60	0	0
PLATE 22	WUS 20A	0	0	26	32	0	0	0	0	0	0	0	0	0	0
PLATE 22	WUS 21A	0	0	0	0	0	0	0	0	0	0	110	417	0	0
<b>Total</b>		<b>92</b>	<b>10,999</b>	<b>969</b>	<b>7,867</b>	<b>0</b>	<b>0</b>	<b>650</b>	<b>2,626</b>	<b>37</b>	<b>93</b>	<b>1,831</b>	<b>3,937</b>	<b>17,341</b>	<b>125,702</b>



MATCHLINE PLATE 02

**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	0 LF/SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	5,330 SF	13,292 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



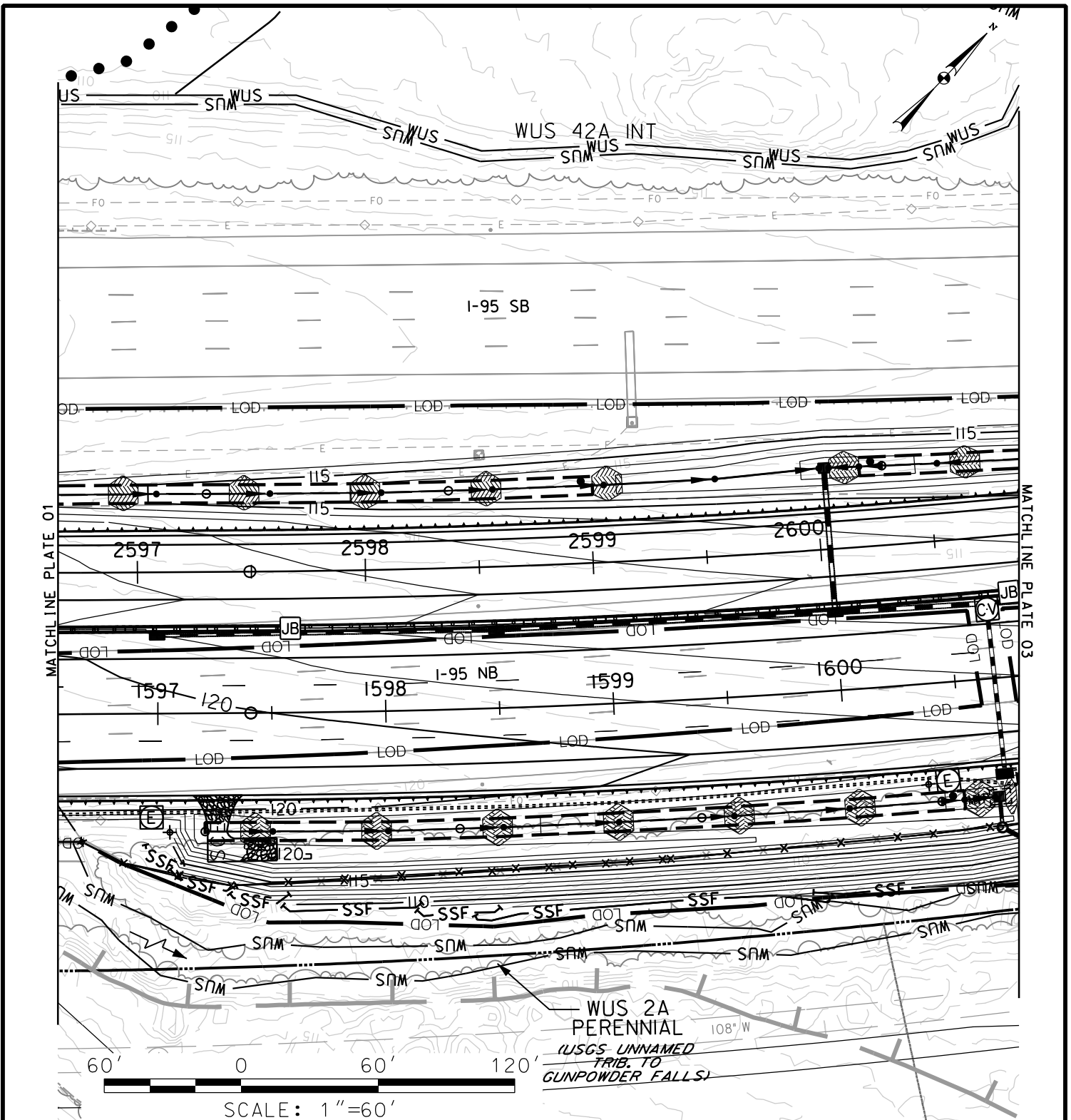
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 1 OF 27



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	0 LF/SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	8,598 SF	64,671 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



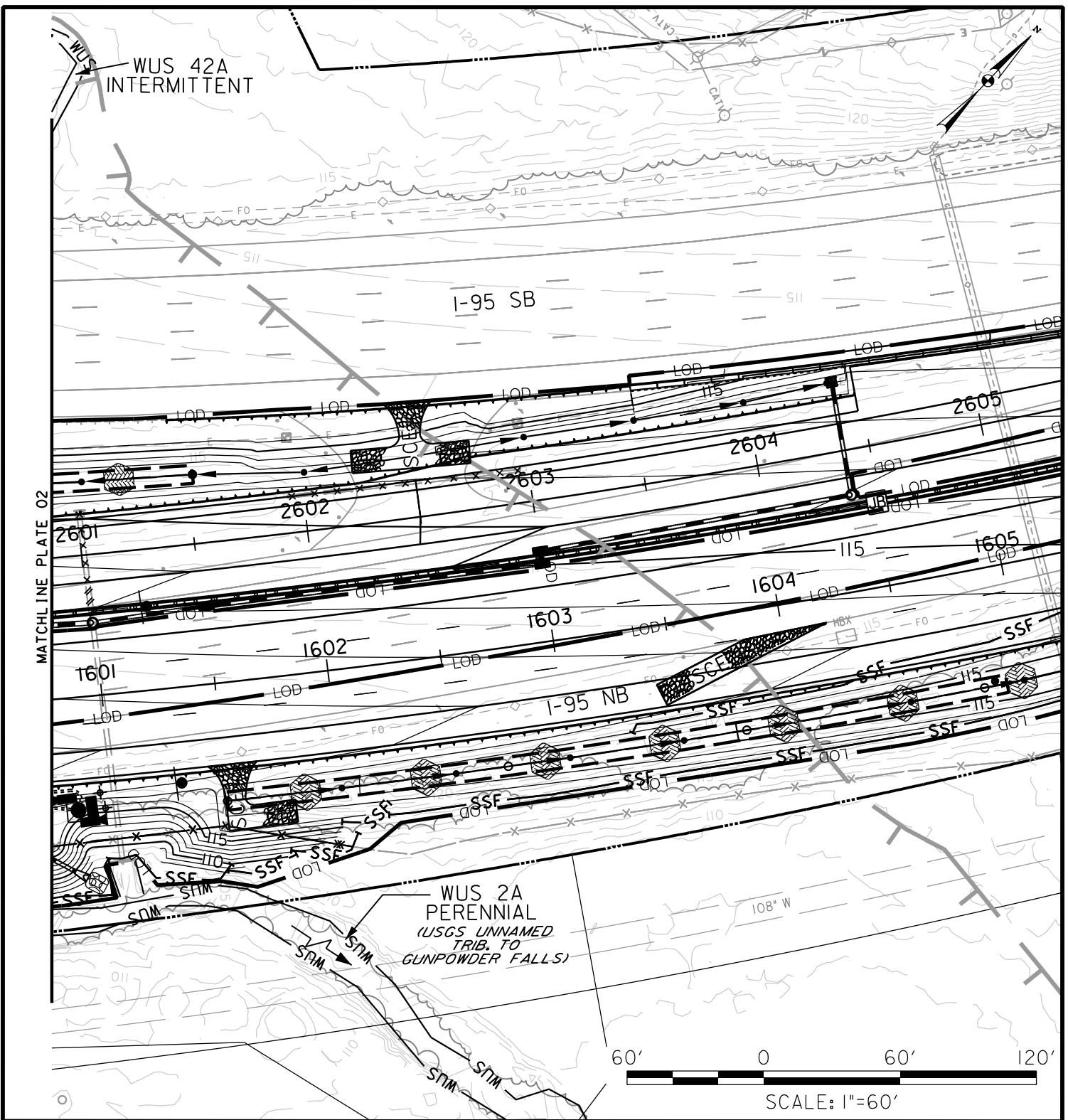
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 2 OF 27



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	0 LF/SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	2,101 SF	37,522 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



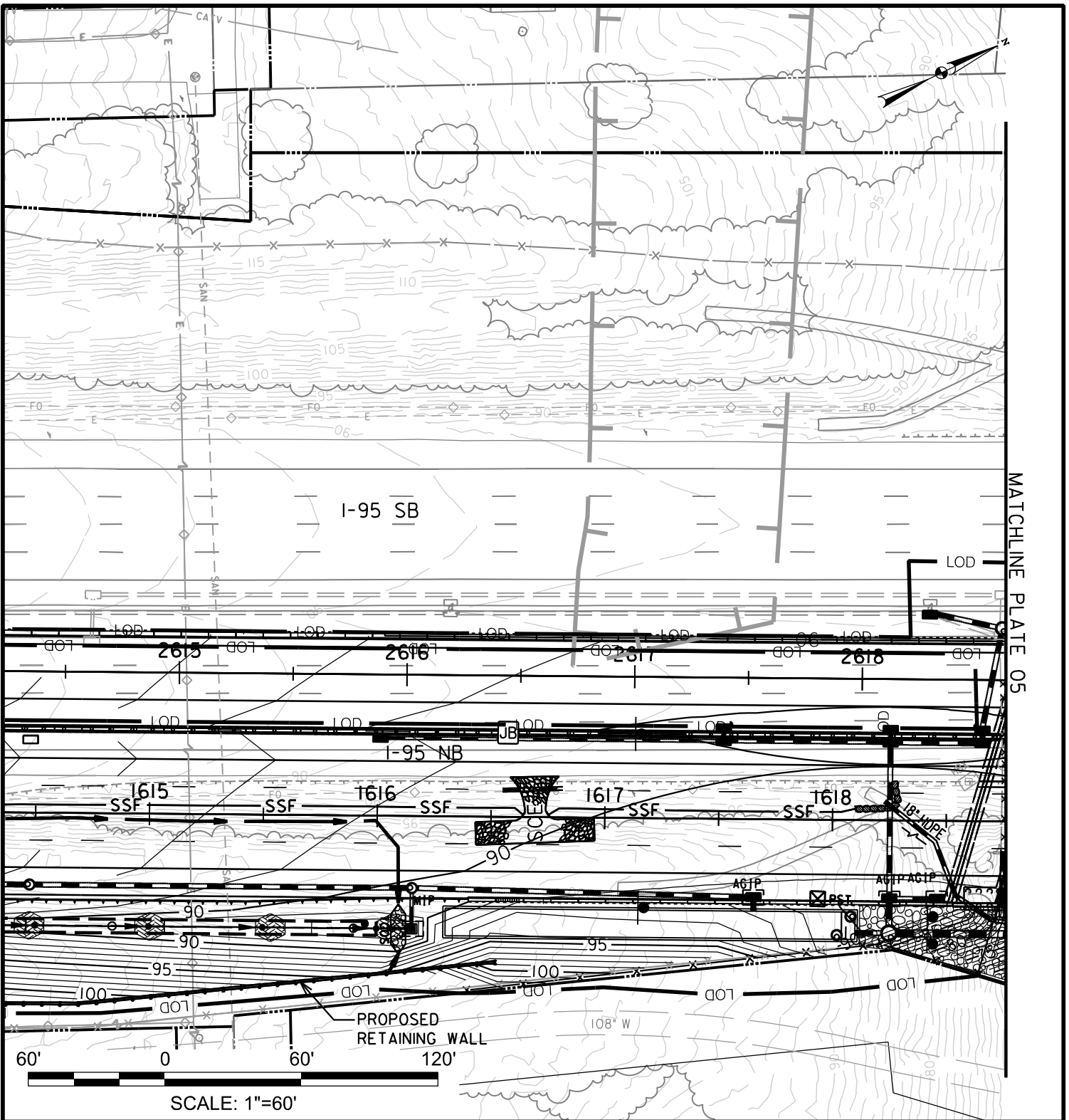
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 3 OF 27



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	0 LF/SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	317 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

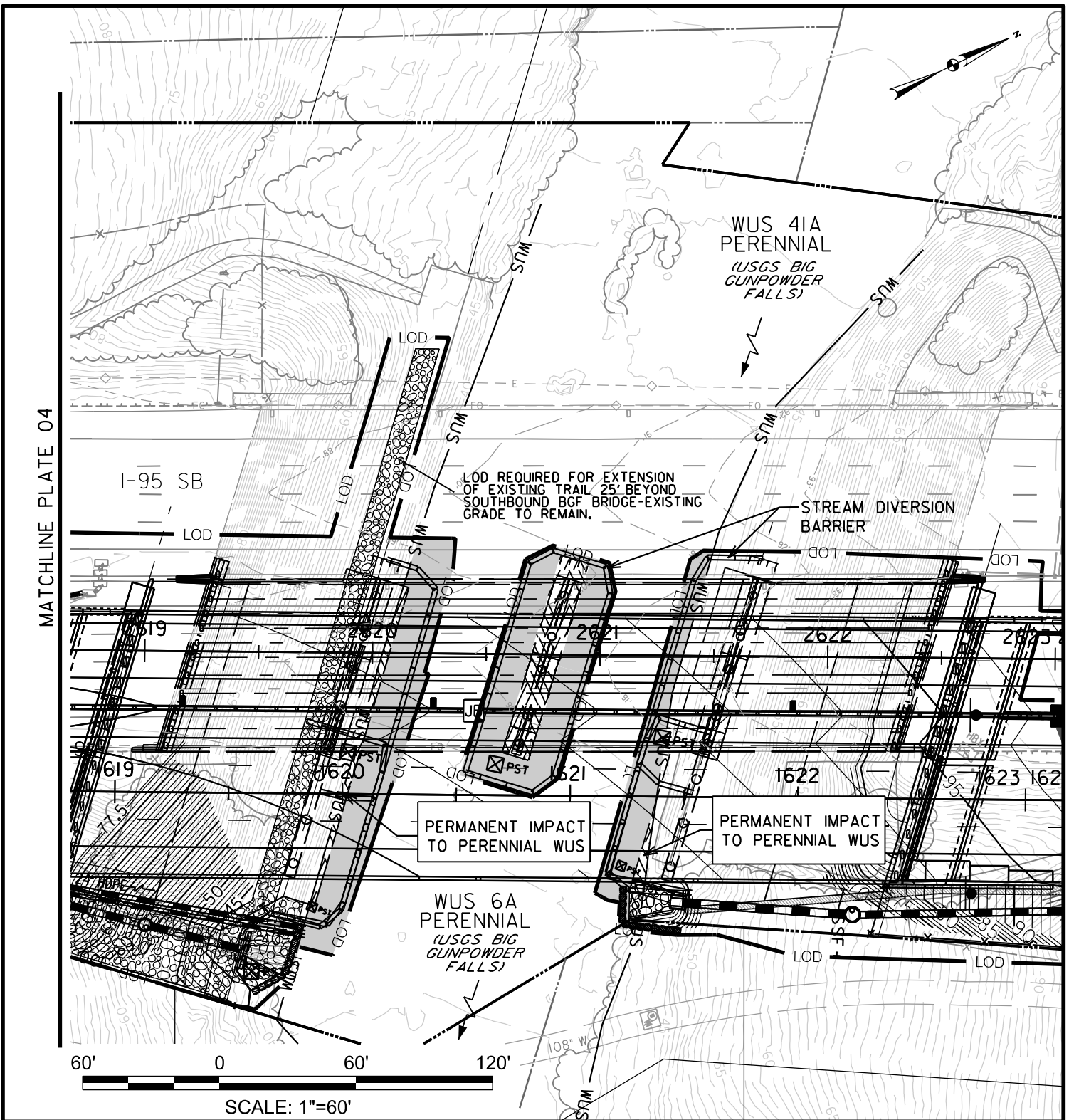
SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 4 OF 27





**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	47/8,327 LF/SF	178/1,780 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	0 LF/SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



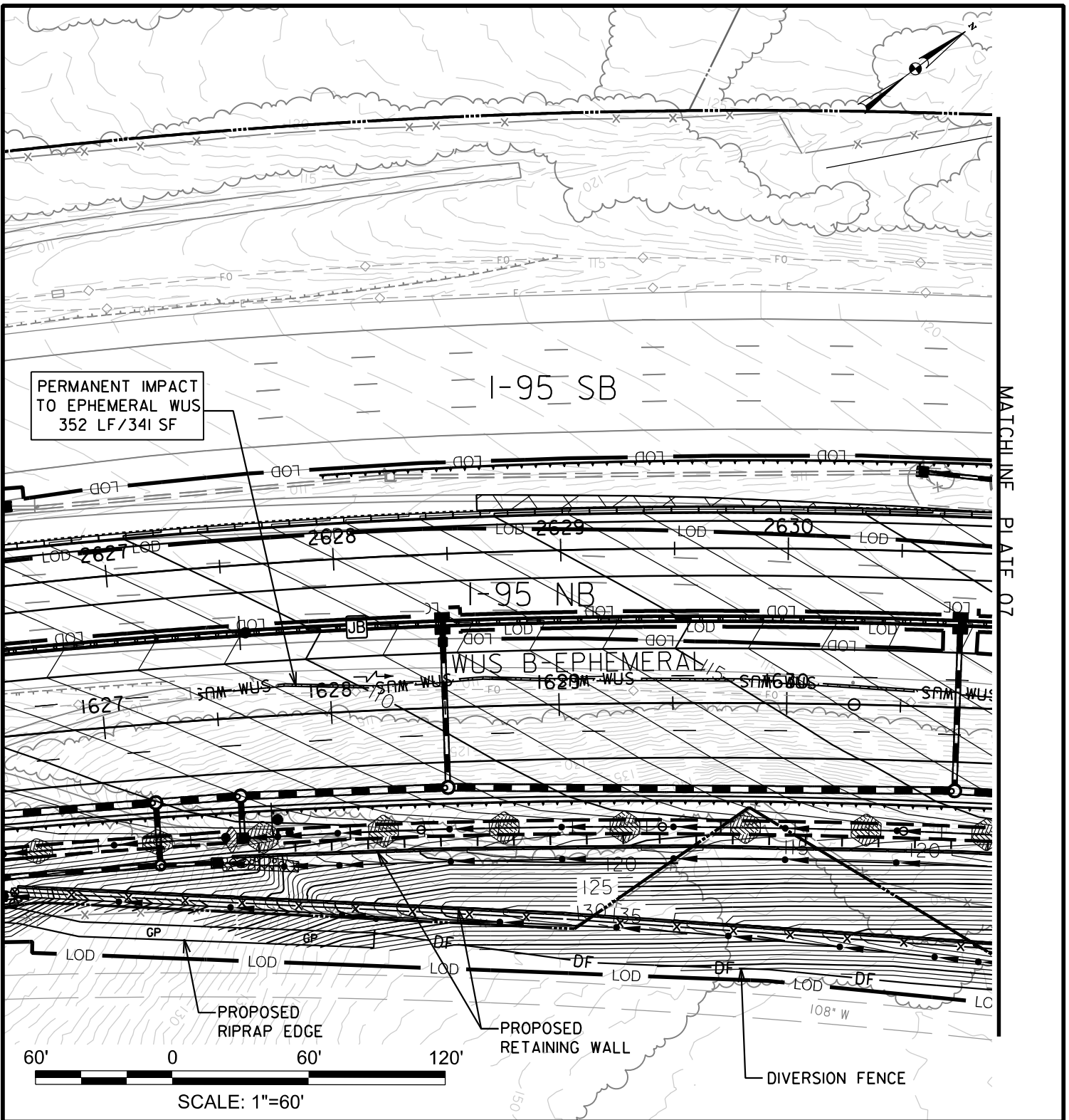
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 5 OF 27



MATCHLINE PLATE 07

**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	353/341 LF/SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
KH-3009 NEW FORGE ROAD TO MD 152  
JOHN F. KENNEDY MEMORIAL HIGHWAY  
BALTIMORE & HARFORD COUNTIES, MARYLAND



**MARYLAND  
TRANSPORTATION AUTHORITY**

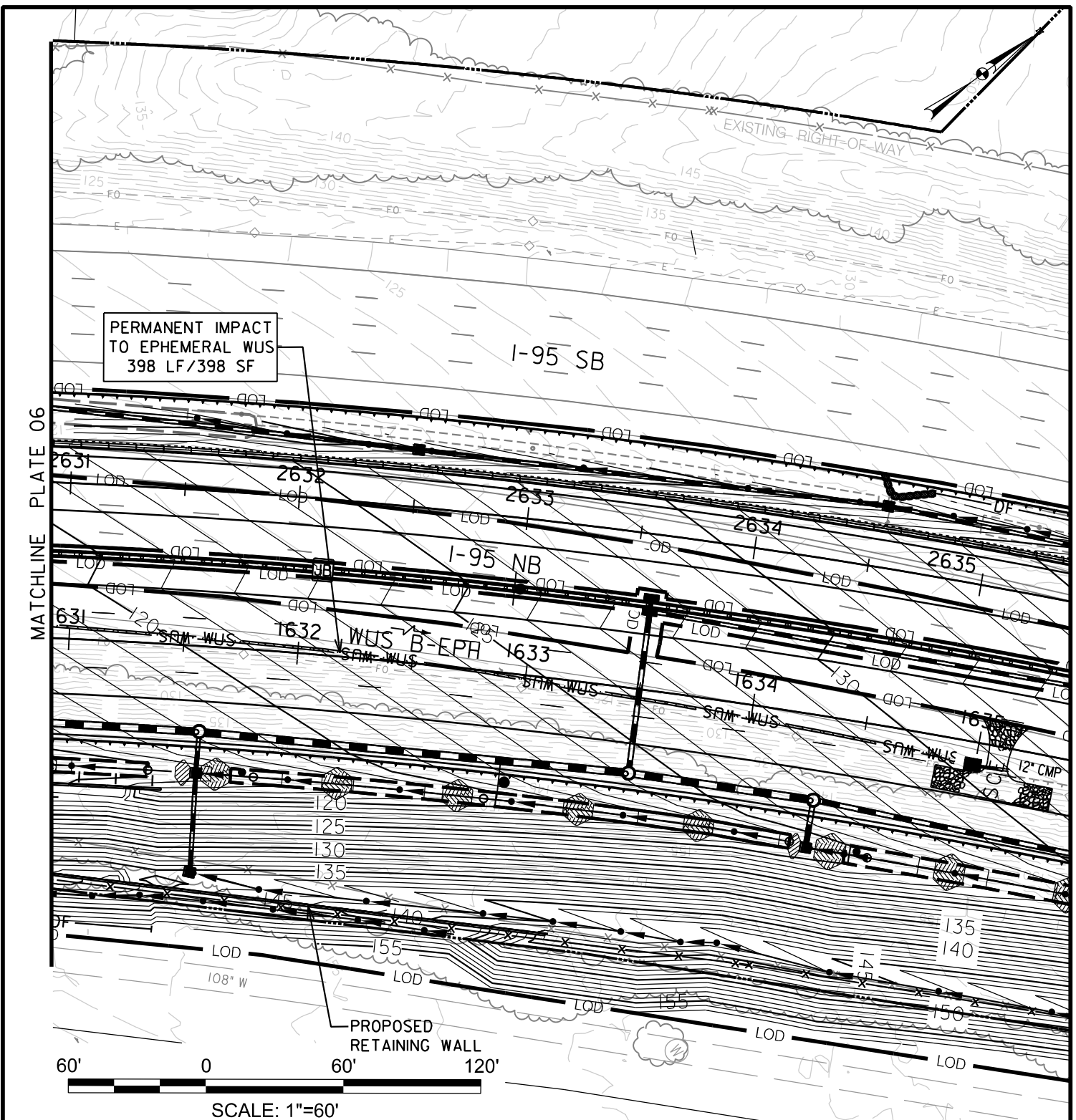
SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 6 OF 27

FILE: Q:\SMD\130770\_048\_195\_ETL\_N\_Trans\CADD\N&CR\Phase 1\Plates\North of New Forge\WT-PLATE\_6.dwg  
DATE: Monday, February 01, 2021 AT 04:25 PM



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	398/398 LF/SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
KH-3009 NEW FORGE ROAD TO MD 152  
JOHN F. KENNEDY MEMORIAL HIGHWAY  
BALTIMORE & HARFORD COUNTIES, MARYLAND



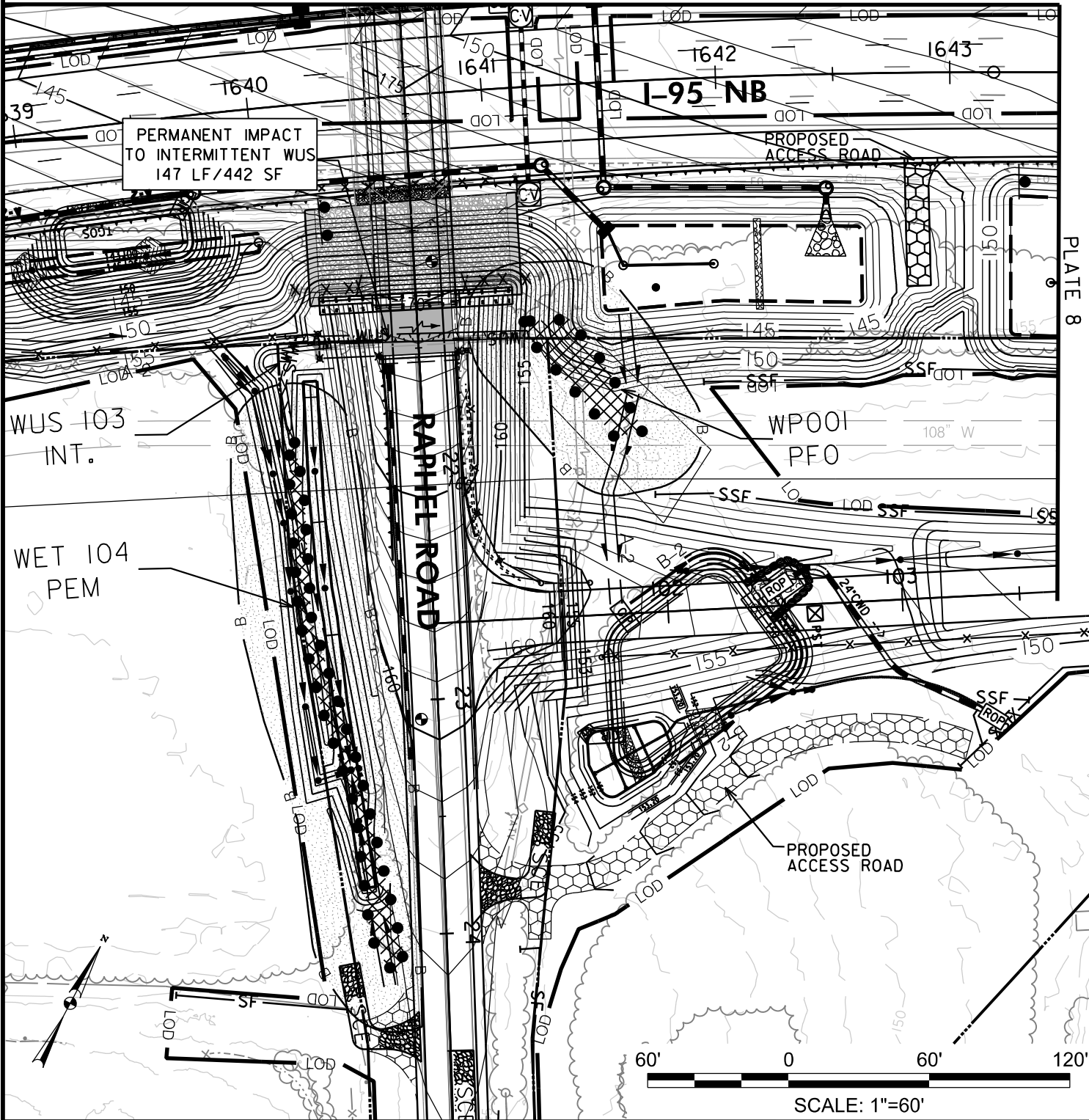
**MARYLAND  
TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 7 OF 27



PERMANENT IMPACT TO INTERMITTENT WUS  
147 LF/442 SF

I-95 NB

PROPOSED ACCESS ROAD

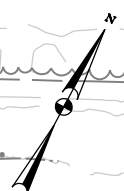
RAFAEL ROAD

WUS 103 INT.

WET 104 PEM

WPOOL PFO

PROPOSED ACCESS ROAD



SCALE: 1"=60'

IMPACTS ON THIS PLATE

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	968 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	1,595 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	147/442 LF/SF
EPHEMERAL WUS	0 LF/SF	0 LF/SF
WETLAND BUFFER	0 SF	18,181 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

WETLAND IMPACT PLATE

I-95 ETL NORTHBOUND EXTENSION  
KH-3009 NEW FORGE ROAD TO MD 152  
JOHN F. KENNEDY MEMORIAL HIGHWAY  
BALTIMORE & HARFORD COUNTIES, MARYLAND



MARYLAND  
TRANSPORTATION AUTHORITY

SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 7A OF 27

FILE: Q:\SMD\130770\_048\_195\_ETL\_N\_Trans\CADD\NCR#Phase I#Plates\North of New Forge\WT-PLATE\_7A.  
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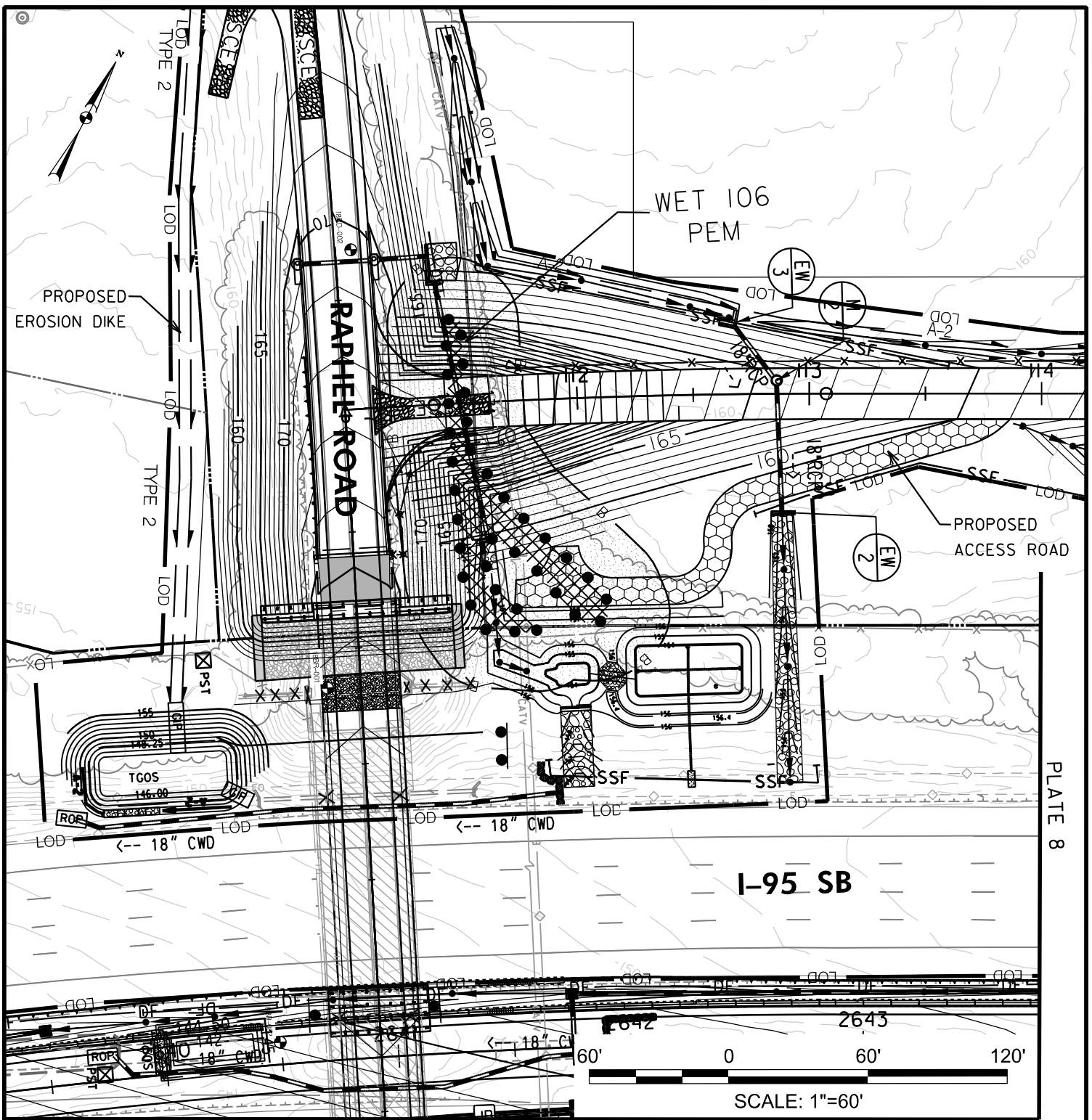


PLATE 8

PLATE 7A

**IMPACTS ON THIS PLATE**

	TEMPORARY		PERMANENT	
		0 SF		0 SF
PFO WETLAND		0 SF		0 SF
PSS WETLAND		0 SF		0 SF
PEM WETLAND		0 SF	2,447 SF	
PERENNIAL WUS	0 LF/SF		0 LF/SF	
INTERMITTENT WUS	0 LF/SF		0 LF/SF	
EPHEMERAL WUS	0 LF/SF		0 LF/SF	
WETLAND BUFFER	0 SF		11,432 SF	
100-YEAR FLOODPLAIN	0 SF		0 SF	

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 7B OF 27

FILE: O:\SMD\130770\_048\_195\_ETL\_N\_Trans\CADD\N&CR\Phase 1\Plates\North of New Forge\WT-PLATE\_7B.DWG  
 DATE: Monday, February 01, 2021 AT 04:23 PM

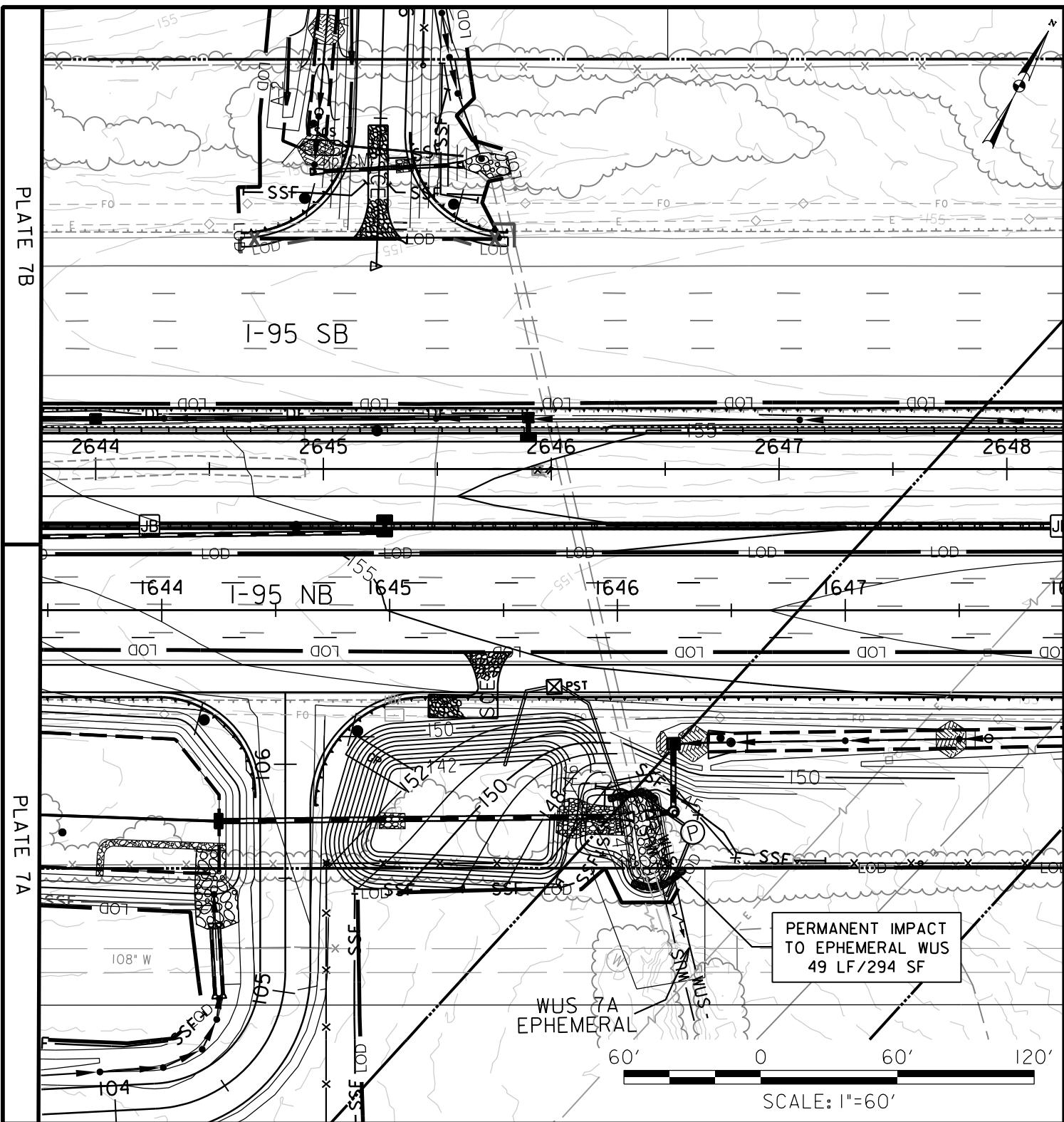


PLATE 7B

PLATE 7A

**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	49/294 LF/SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

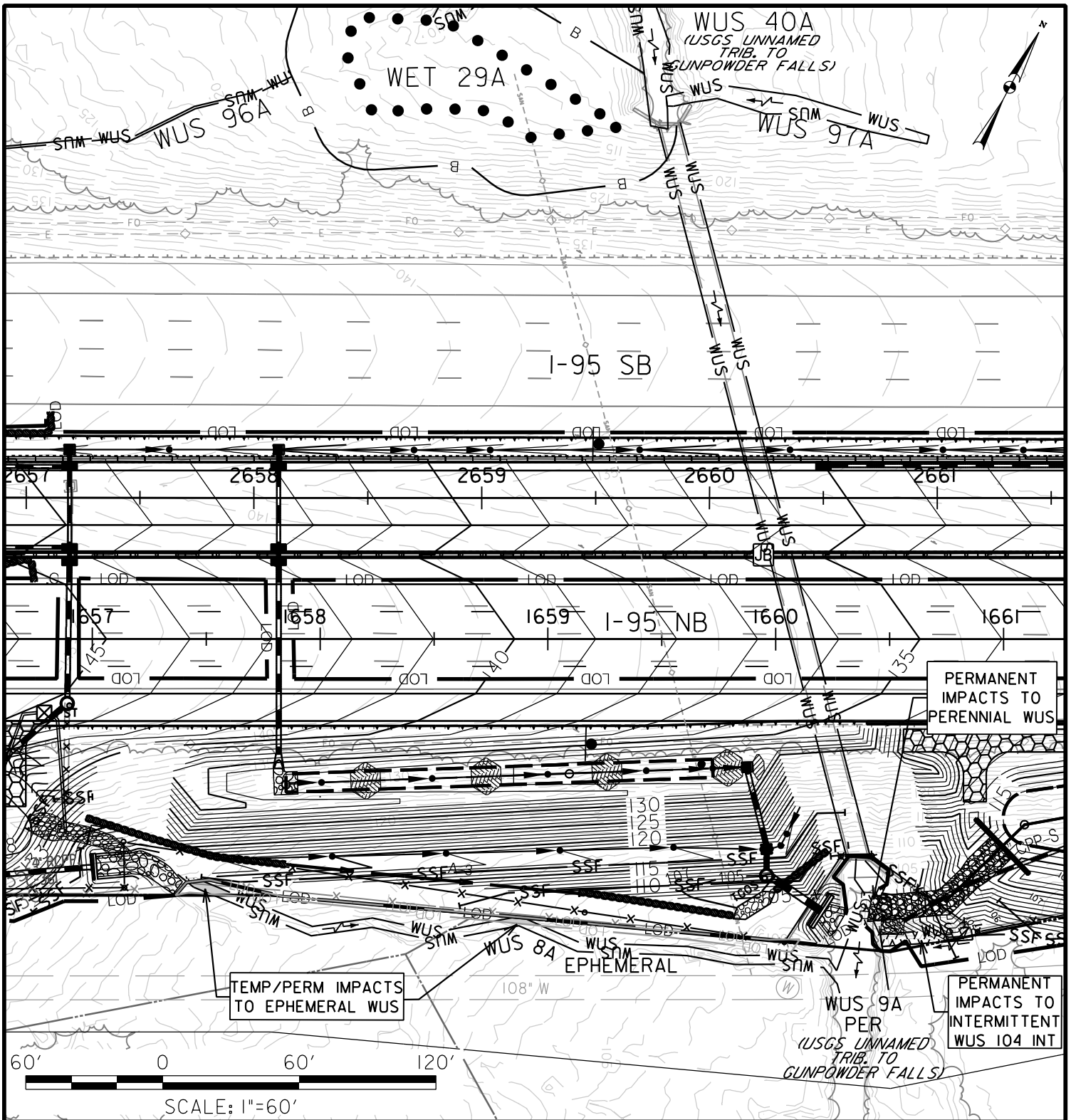
CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 8 OF 27

FILE: Q:\SMD\130770\_048\_195\_ETL\_N\_Trans\CADD\N&CR\Phase 1\Plates\North of New Forge\WT-PLATE\_8.dwg  
 DATE: Monday, February 01, 2021 AT 08:40 PM





**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	30/160 LF/SF
INTERMITTENT WUS	0 LF/SF	40/215 LF/SF
EPHEMERAL WUS	37/93 LF/SF	14/14 LF/SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



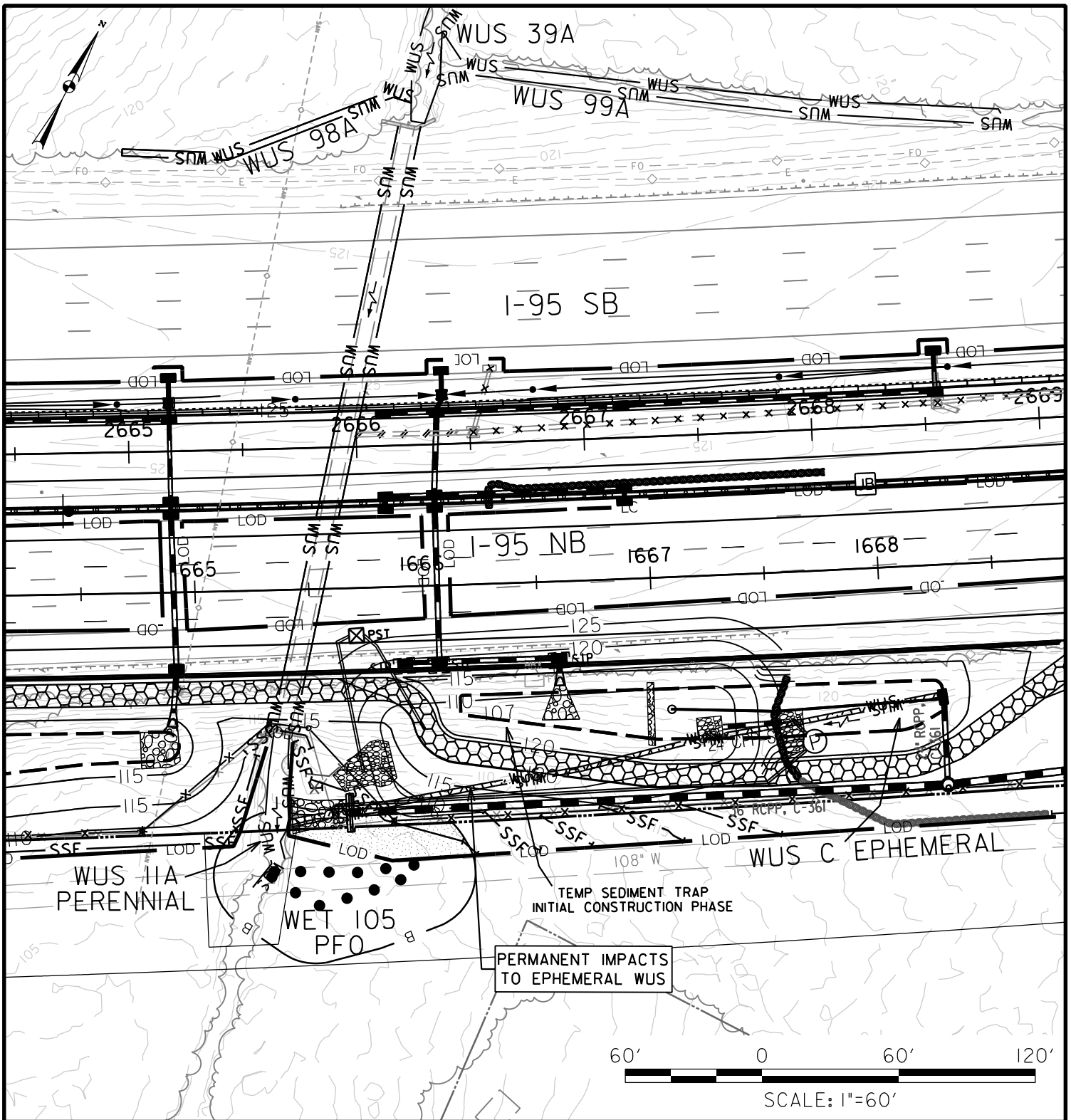
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 9 OF 27




**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	292/652 LF/SF
WETLAND BUFFER	0 SF	1,275 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

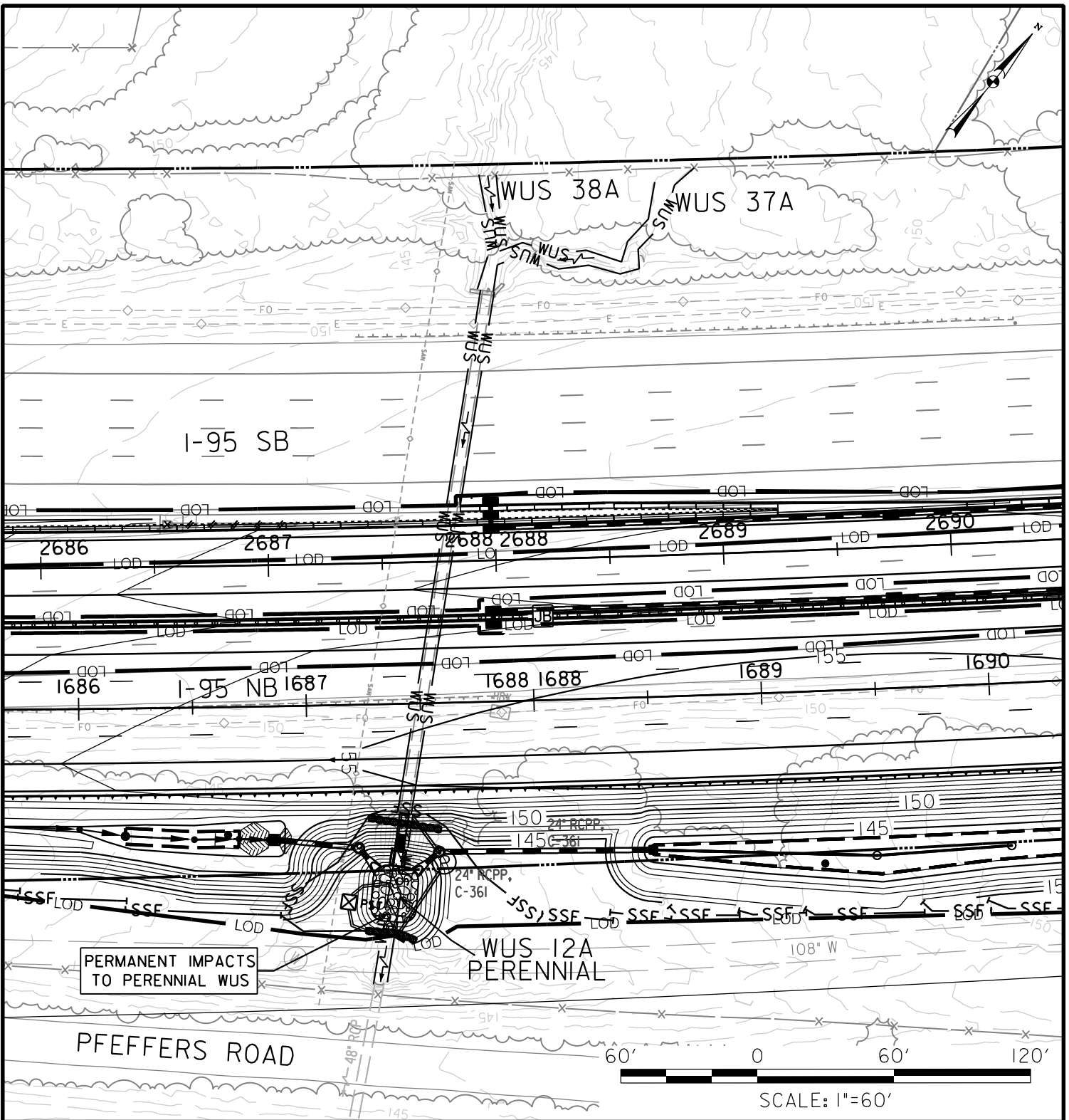
I-95 ETL NORTHBOUND EXTENSION  
KH-3009 NEW FORGE ROAD TO MD 152

JOHN F. KENNEDY MEMORIAL HIGHWAY  
BALTIMORE & HARFORD COUNTIES, MARYLAND



**MARYLAND  
TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'      CONTRACT NO.: KH-3009      DATE: FEBRUARY 2021      PLATE 10 OF 27



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	55/283 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	0 LF/SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND

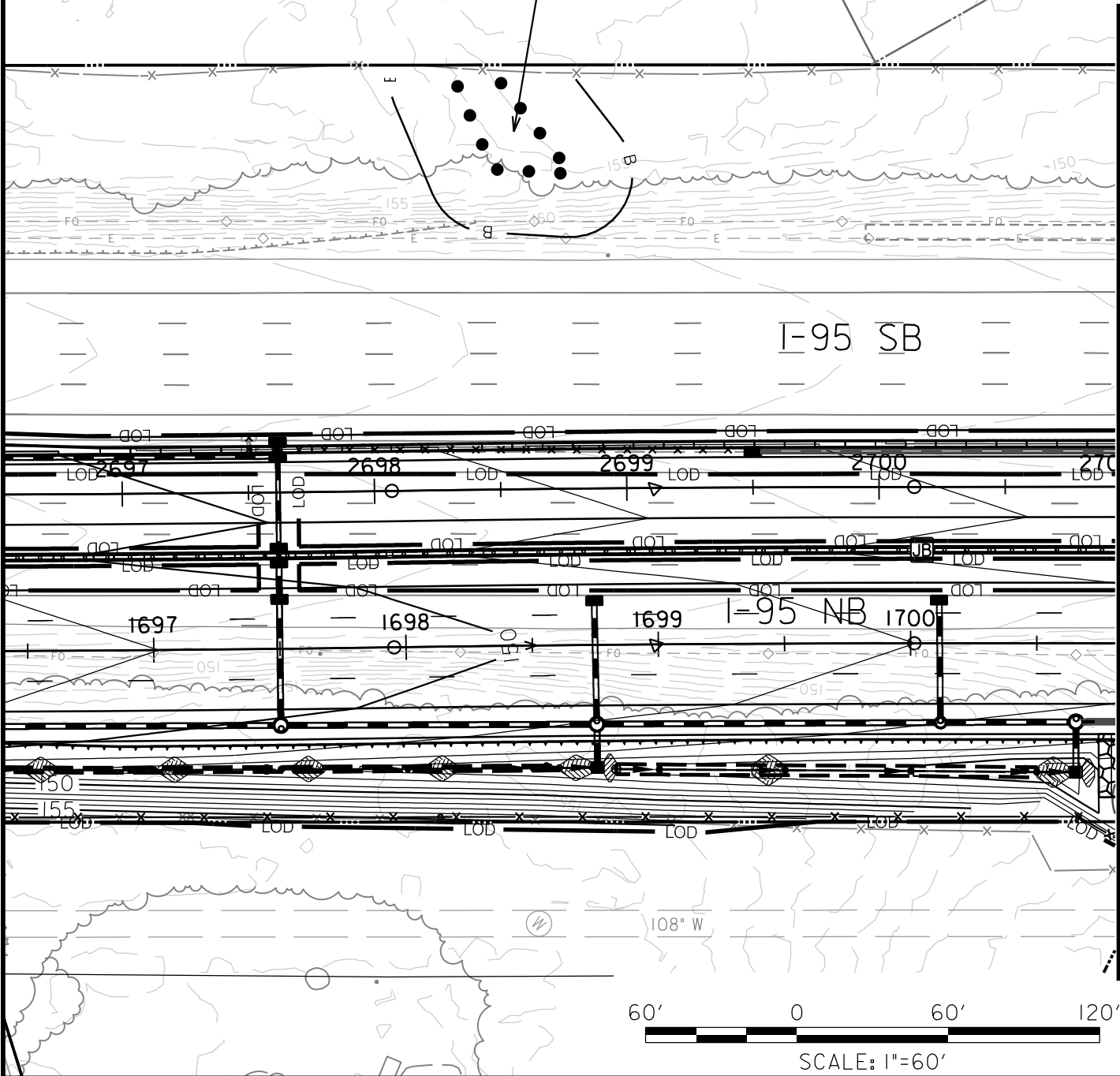


**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'      CONTRACT NO.: KH-3009      DATE: FEBRUARY 2021      PLATE II OF 27

NO IMPACTS THIS PLATE  
ITS WORK MOVED TO MEDIAN  
TO AVOID IMPACTS

WET 25A PFO  
OPEN-ENDED



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	0 LF/SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
KH-3009 NEW FORGE ROAD TO MD 152  
JOHN F. KENNEDY MEMORIAL HIGHWAY  
BALTIMORE & HARFORD COUNTIES, MARYLAND



**MARYLAND  
TRANSPORTATION AUTHORITY**

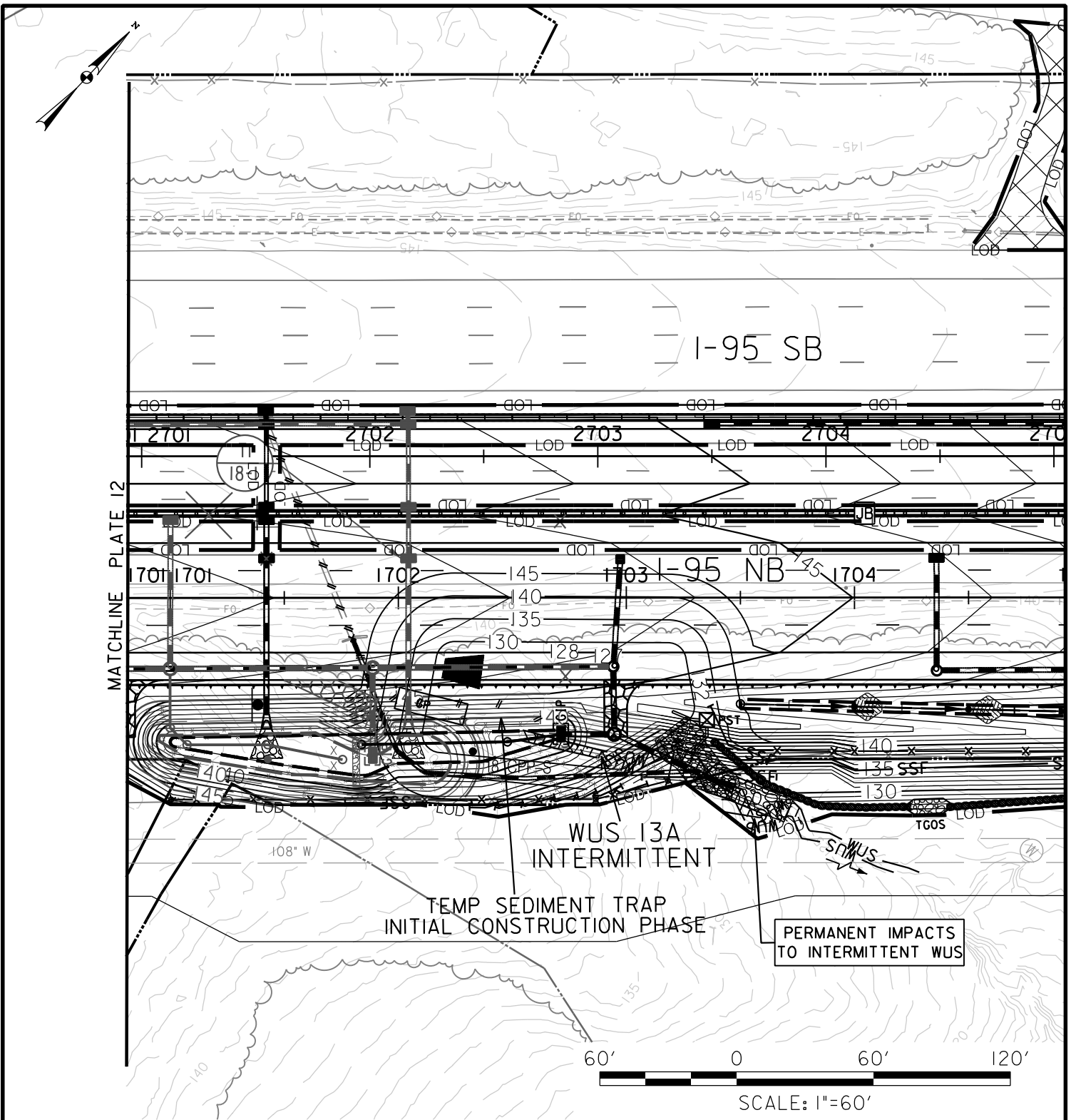
SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 12 OF 27

FILE: Q:\SMD\130770\_048\_195\_ETL\_N\_Trans\CADD\N&CR\Phase 1\Plates\North of New Forge\WT-PLATE\_12.DWG  
DATE: Tuesday, February 02, 2021 AT 11:56 AM



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	150/702 LF/SF
EPHEMERAL WUS	0 LF/SF	0 LF/SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



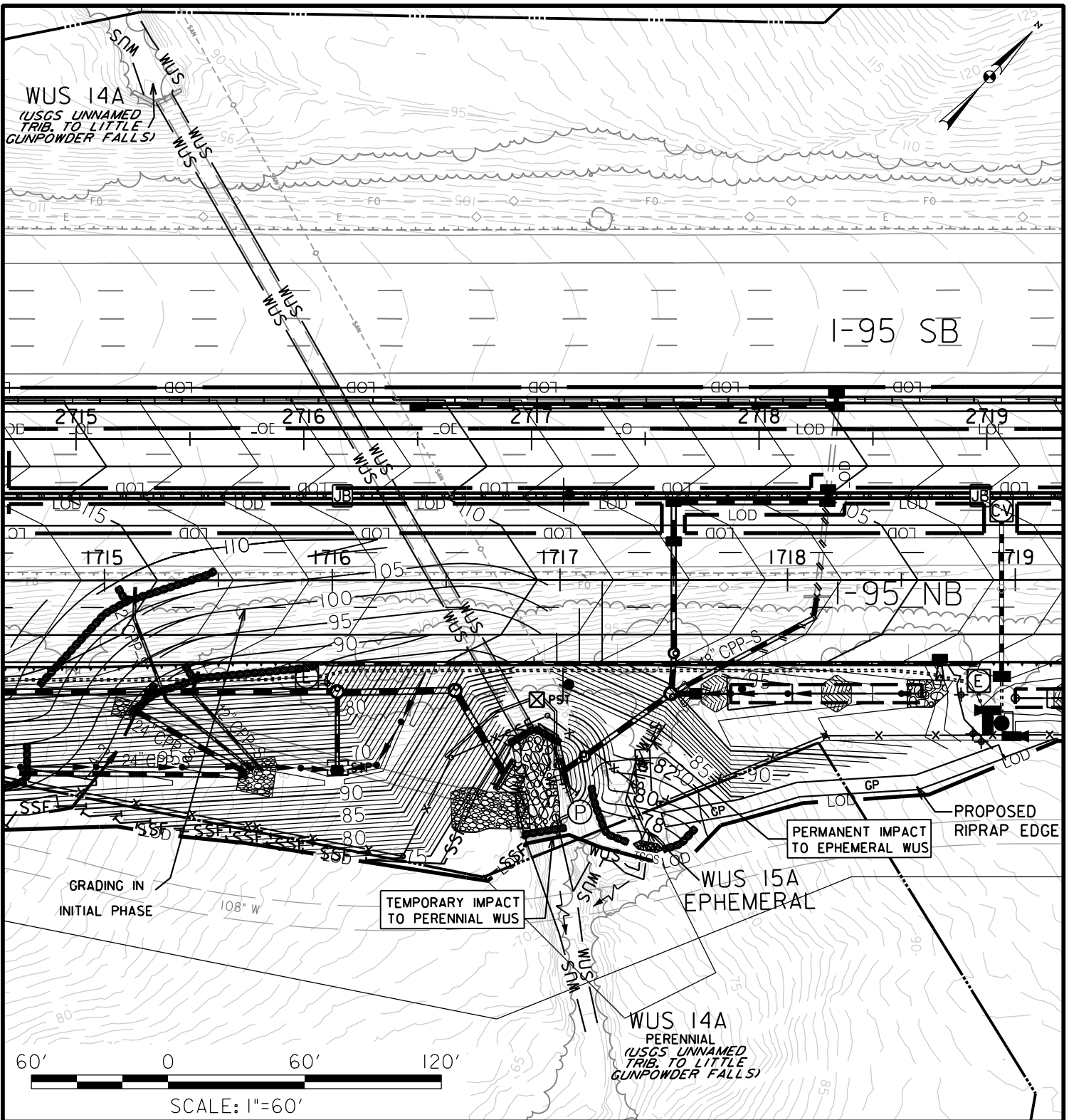
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 13 OF 27



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	4/83 LF/SF	43/573 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	65/210 LF/SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



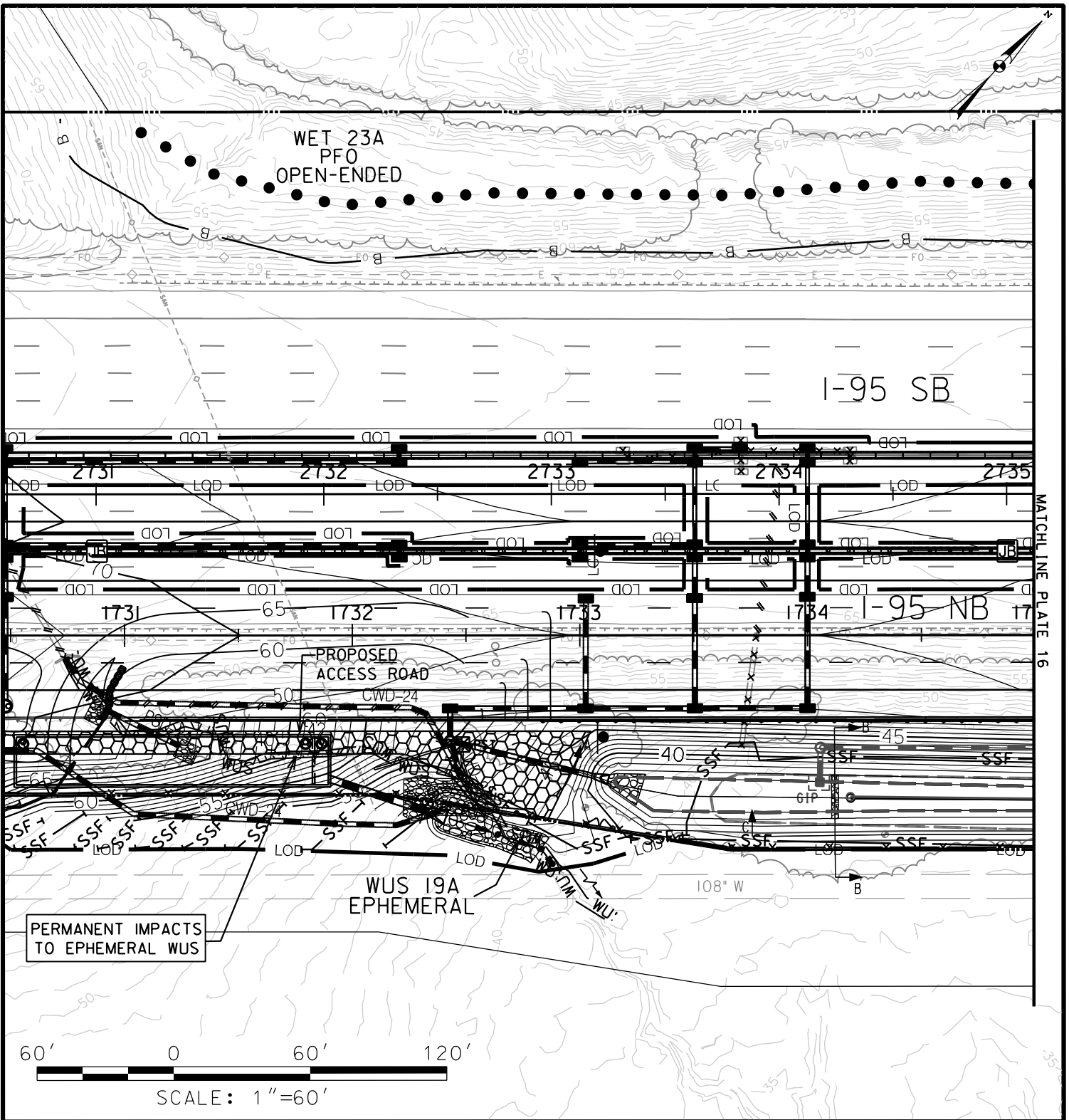
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

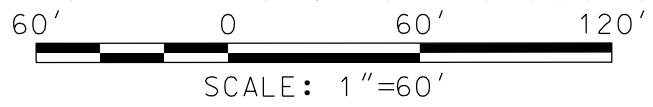
CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 14 OF 27



PERMANENT IMPACTS TO EPHEMERAL WUS



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	265/850 LF/SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

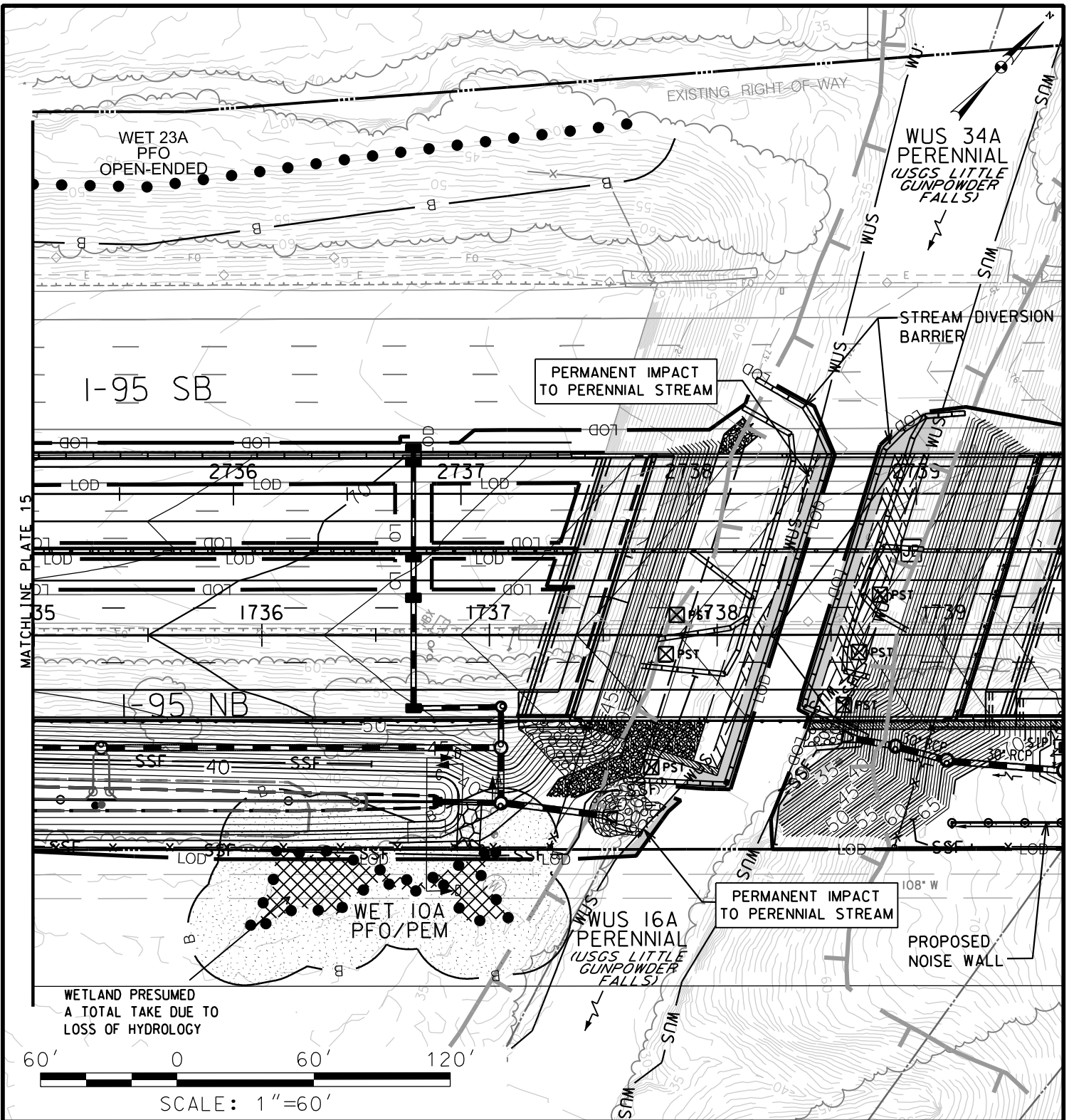
CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 15 OF 27

FILE: Q:\SMD\130770\_048\_195\_ETL\_N\_Trans\CADD\N&CR\Phase 1\Plates\North of New Forge\WT-PLATE\_15.DWG  
 DATE: Tuesday, February 02, 2021 AT 08:41 AM





**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM/PFO WETLAND	0 SF	1,670 SF
PERENNIAL WUS	41/2,589 LF/SF	187/2,027 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	0 LF/SF
WETLAND BUFFER	0 SF	9,887 SF
100-YEAR FLOODPLAIN	1,312 SF	9,900 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



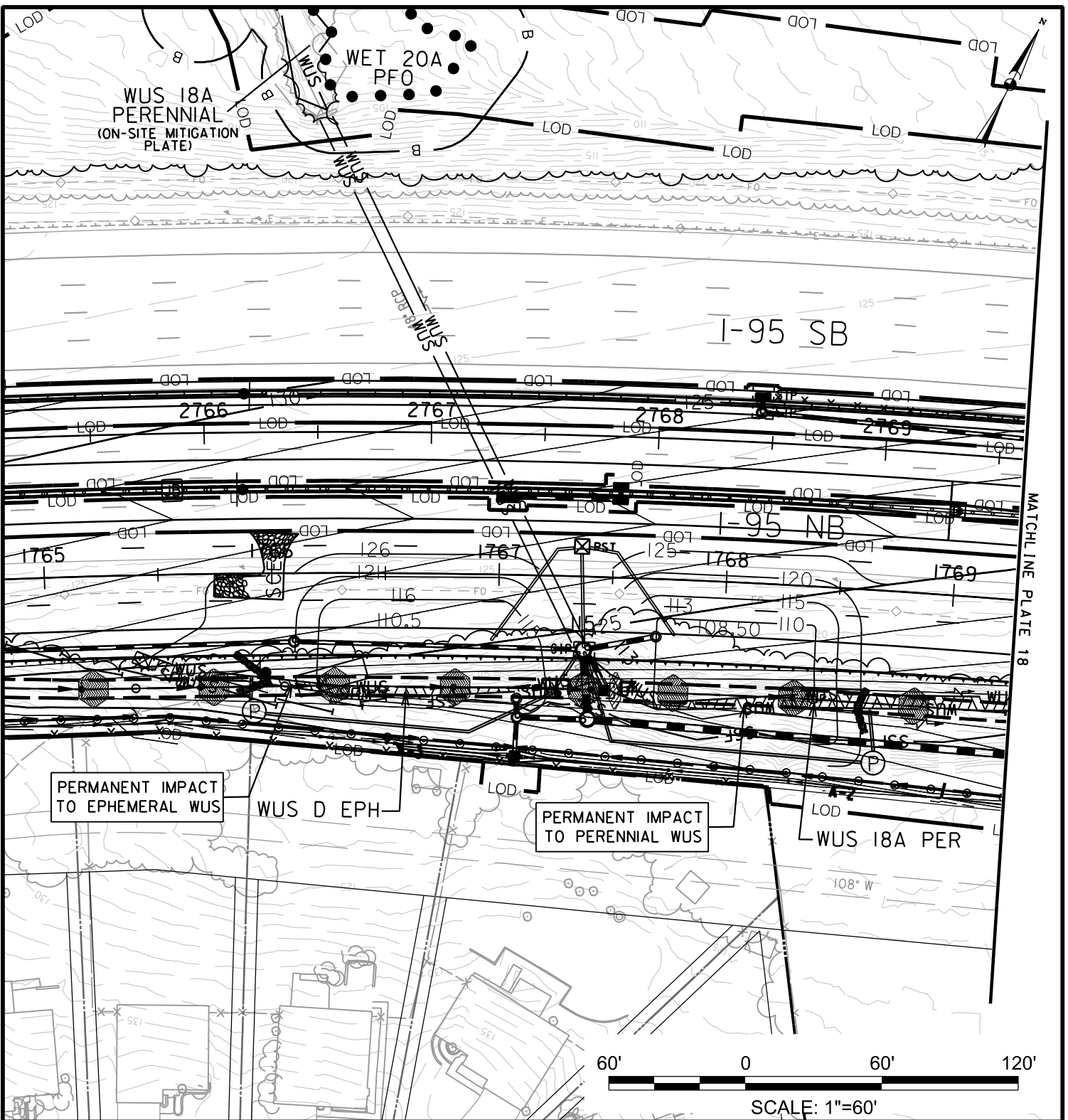
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 16 OF 27



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	188/1.051 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	205/701 LF/SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

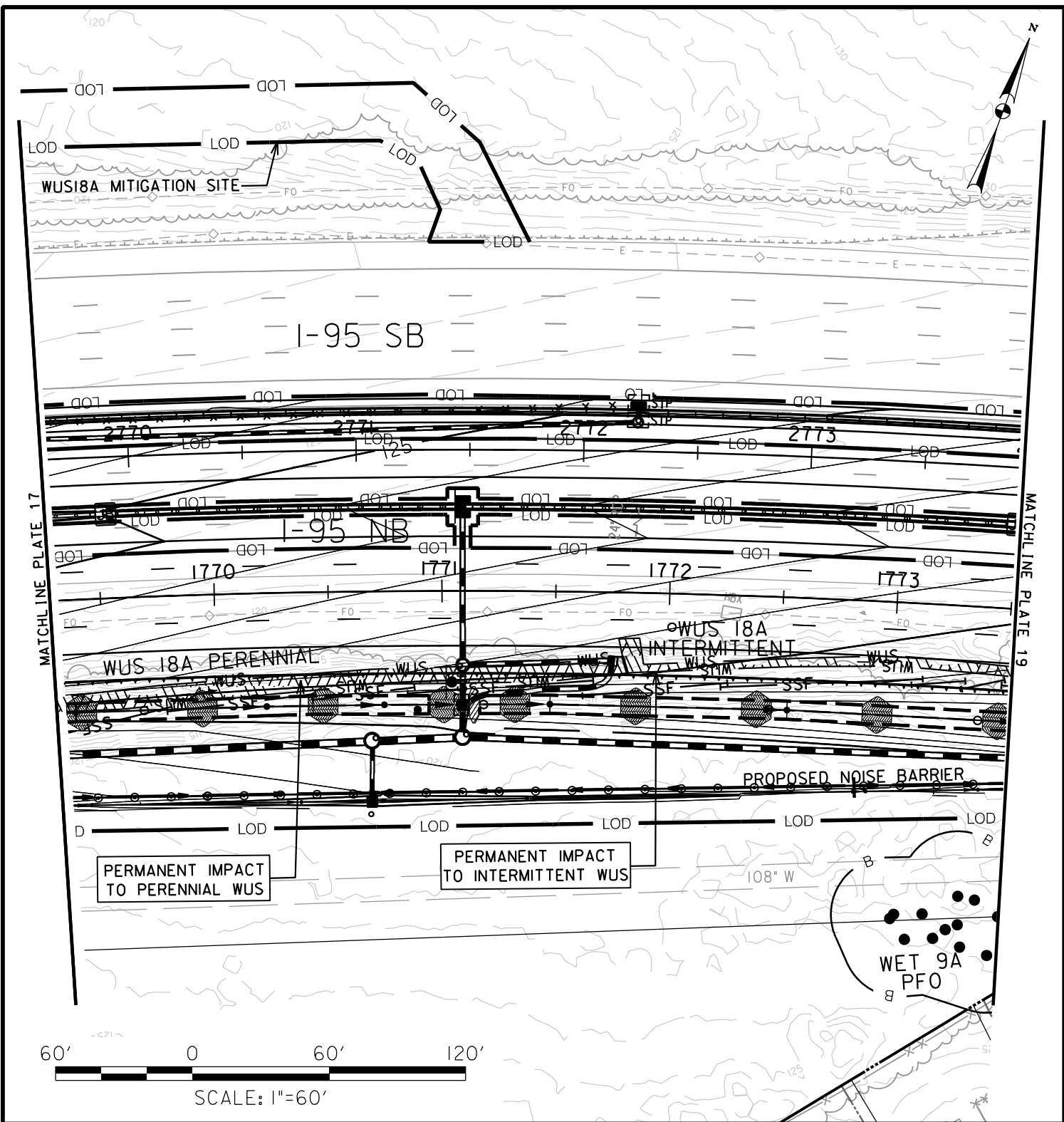
SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 17 OF 27

FILE: Q:\SMD\130770\_048\_195\_ETL\_N\_Trans\CADD\N&CR\Phase 1\Plates\North of New Forge\WT-PLATE\_17.  
 DATE: Monday, February 01, 2021 AT 09:32 PM



**IMPACTS ON THIS PLATE**

	TEMPORARY		PERMANENT	
PFO WETLAND	0	SF	0	SF
PSS WETLAND	0	SF	0	SF
PEM WETLAND	0	SF	0	SF
PERENNIAL WUS	0	LF/SF	262/1,961	LF/SF
INTERMITTENT WUS	0	LF/SF	178/707	LF/SF
EPHEMERAL WUS	0	LF/SF	0	LF/SF
WETLAND BUFFER	0	SF	0	SF
100-YEAR FLOODPLAIN	0	SF	0	SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



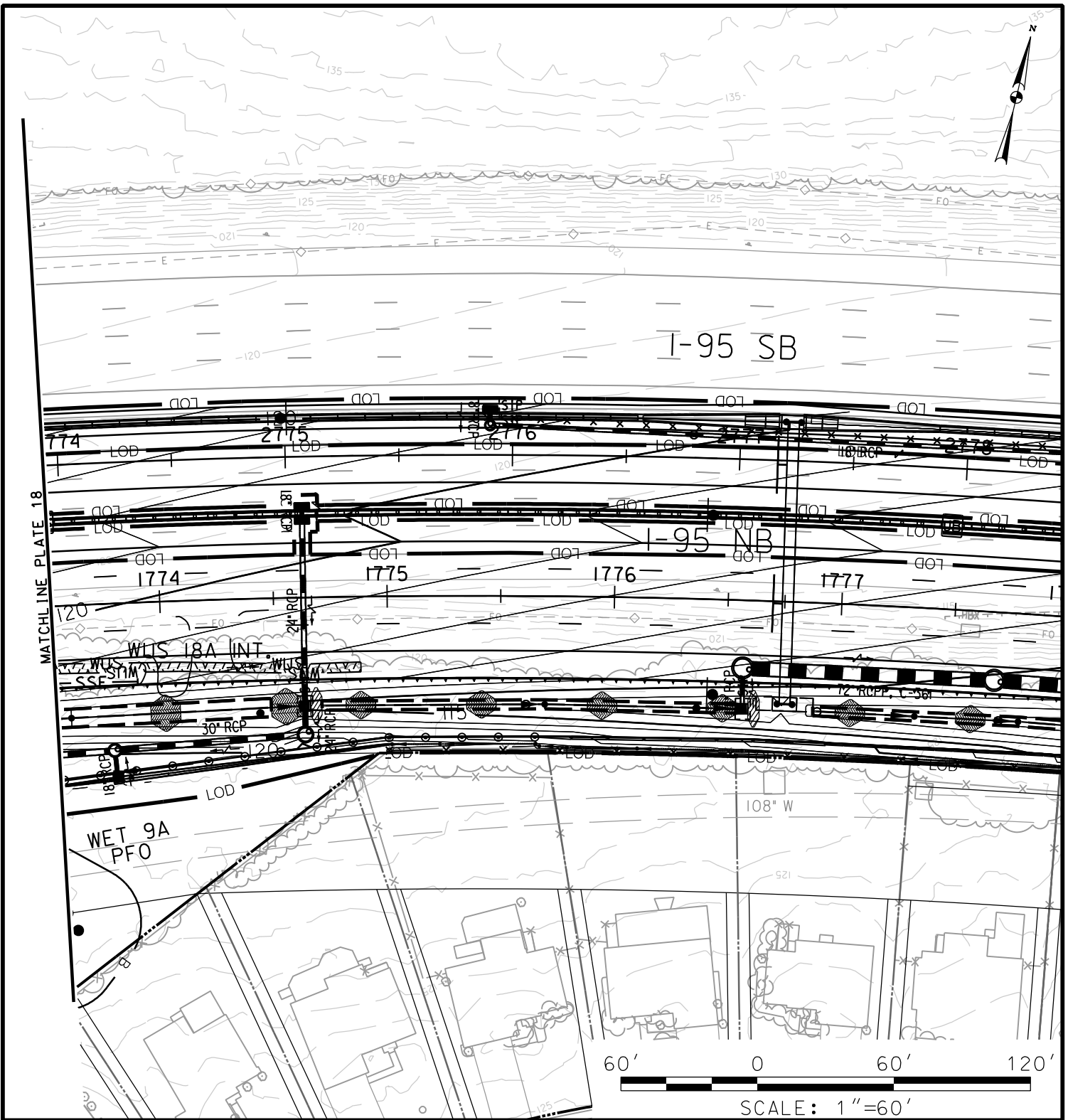
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 18 OF 27



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	135/560 LF/SF
EPHEMERAL WUS	0 LF/SF	0 LF/SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



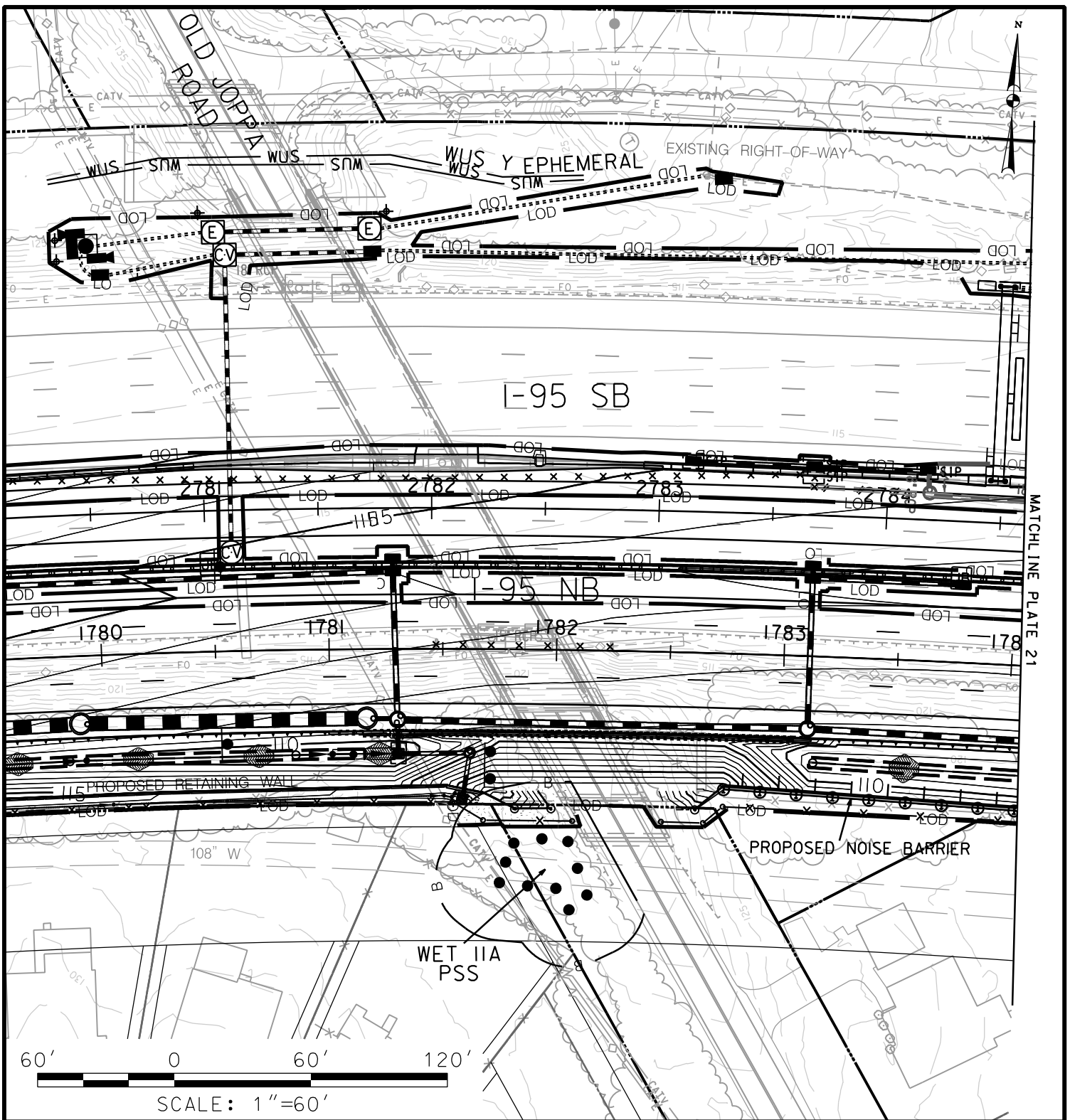
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 19 OF 27



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	0 LF/SF
WETLAND BUFFER	0 SF	867 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



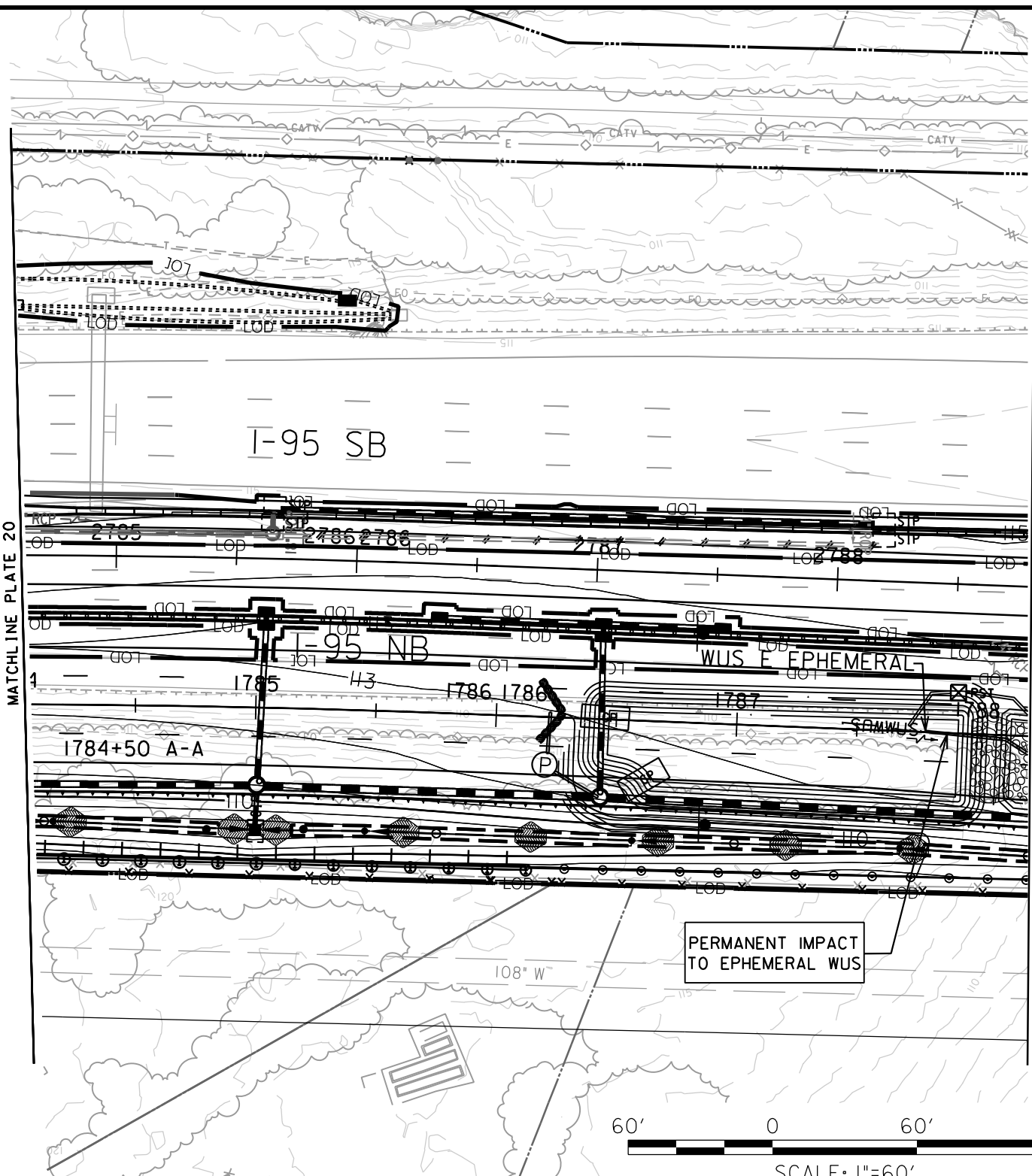
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 20 OF 27



MATCHLINE PLATE 20

MATCHLINE PLATE 22



SCALE: 1"=60'

**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	80/60 LF/SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

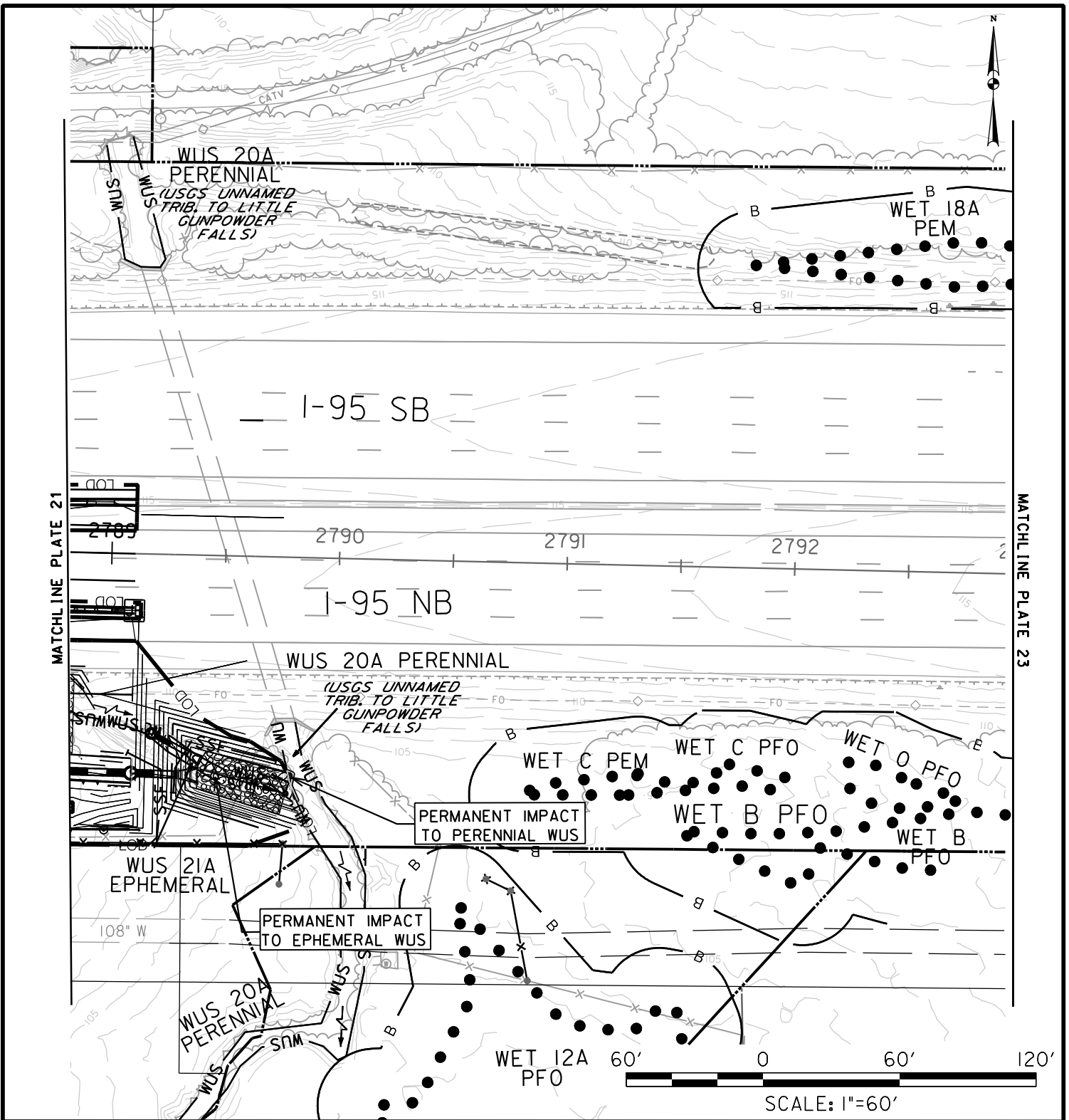
CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 21 OF 27

FILE: Q:\SMD\130770\_048\_195\_ETL\_N\_Trans\CADD\N&CR\Phase 1\Plates\North of New Forge\WT-PLATE\_21.DWG  
 DATE: Tuesday, February 02, 2021 AT 06:32 AM





**IMPACTS ON THIS PLATE**

	TEMPORARY		PERMANENT	
	0 SF	0 SF	26/32 LF/SF	0 LF/SF
PFO WETLAND	0 SF	0 SF	0 SF	0 SF
PSS WETLAND	0 SF	0 SF	0 SF	0 SF
PEM WETLAND	0 SF	0 SF	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 SF	26/32 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 SF	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	0 SF	110/417 LF/SF	0 LF/SF
WETLAND BUFFER	0 SF	0 SF	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

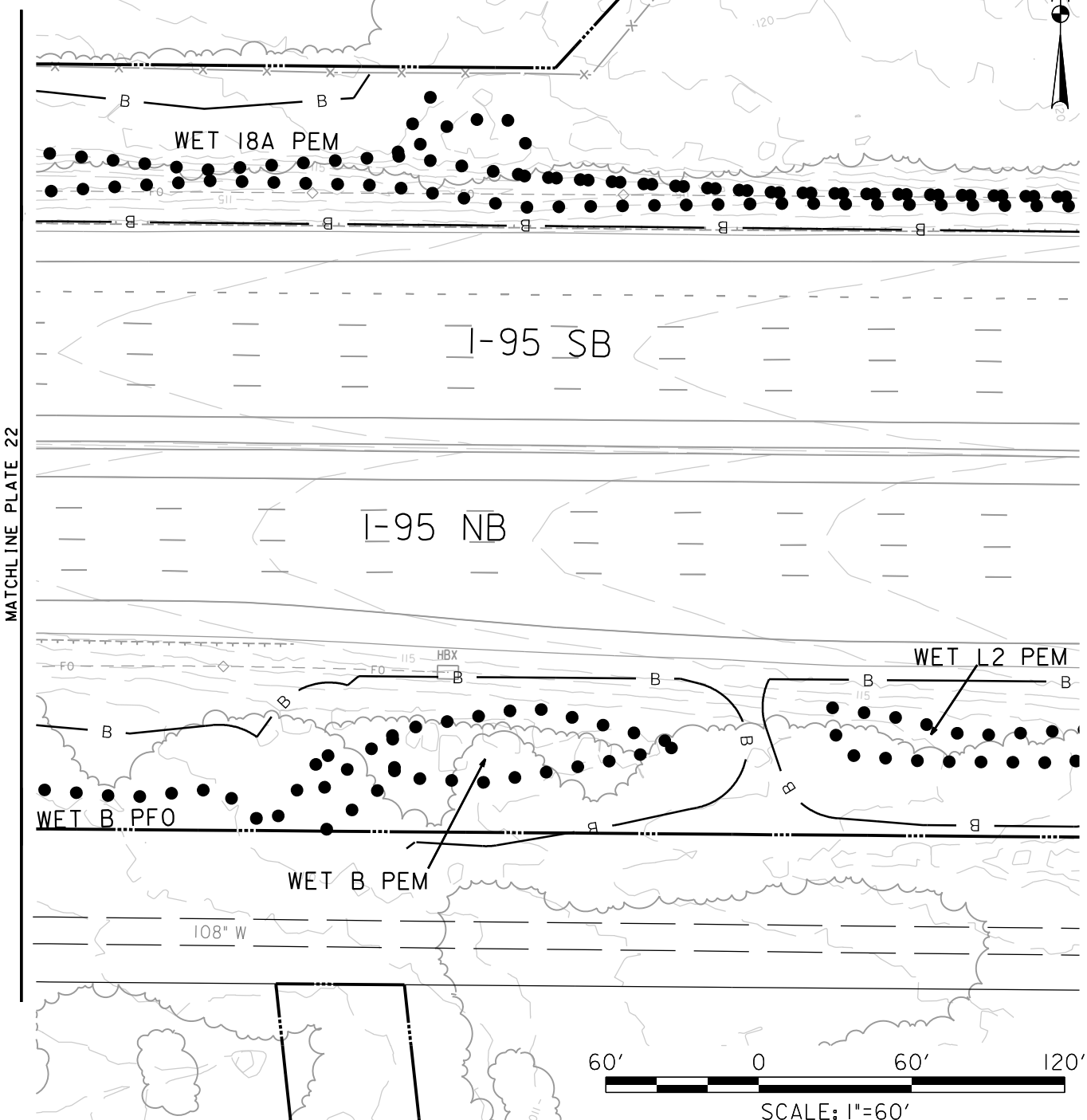
SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 22 OF 27

IMPACTS ARE NO LONGER PROPOSED AS PART OF CONTRACT KH-3009.  
 THESE IMPACTS HAVE BEEN DEFERRED TO PHASE II CONTRACT KH-3019  
 AND WILL BE CONSTRUCTED UNDER PERMIT I9-NT-0150/201960846.



MATCHLINE PLATE 22

MATCHLINE PLATE 24

**IMPACTS ON THIS PLATE**

	TEMPORARY		PERMANENT	
		0 SF		0 SF
PFO WETLAND		0 SF		0 SF
PSS WETLAND		0 SF		0 SF
PEM WETLAND		0 SF		0 SF
PERENNIAL WUS		0 LF/SF		0 LF/SF
INTERMITTENT WUS		0 LF/SF		0 LF/SF
EPHEMERAL WUS		0 LF/SF		0 LF/SF
WETLAND BUFFER		0 SF		0 SF
100-YEAR FLOODPLAIN		0 SF		0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND

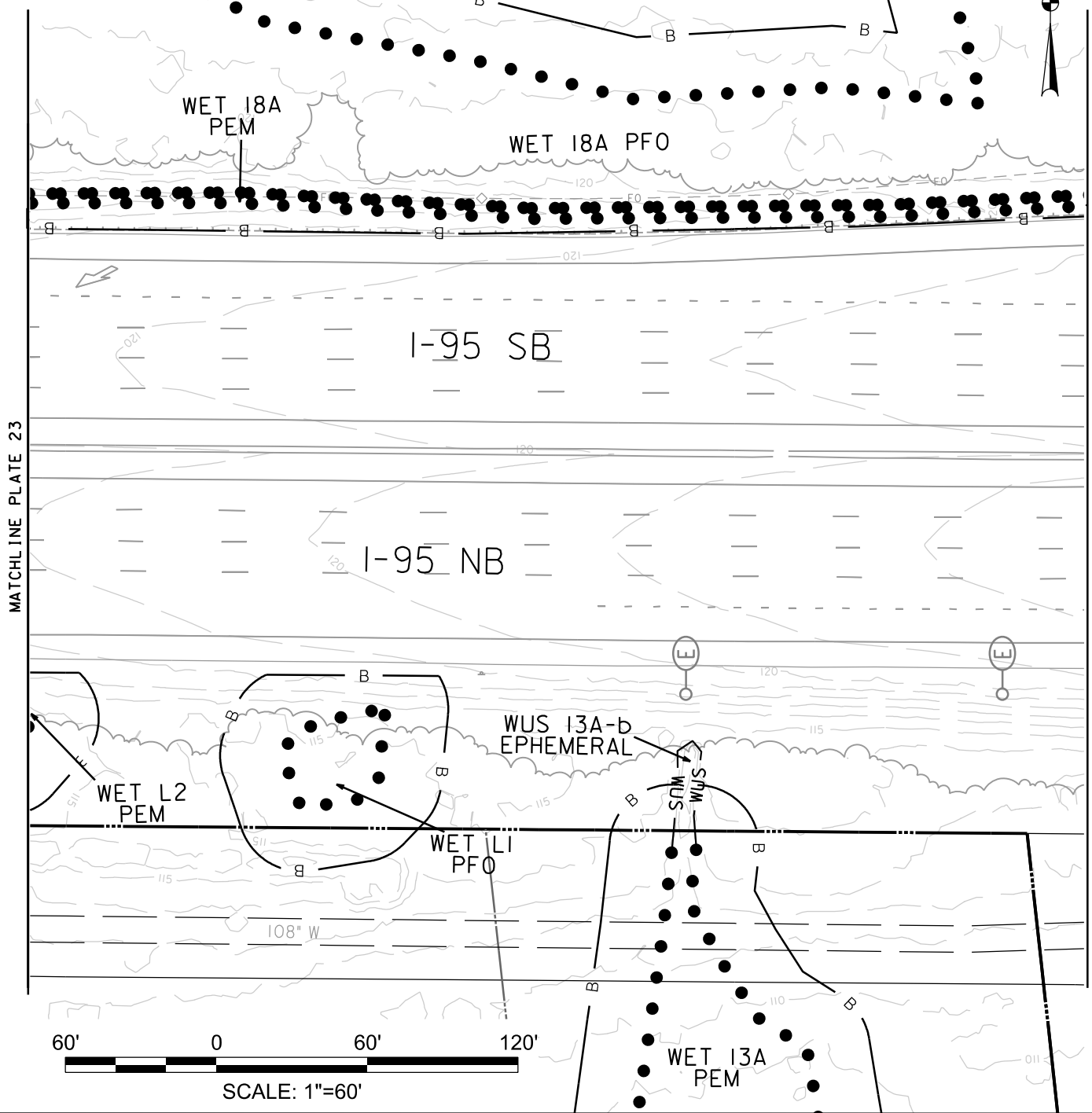


**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'      CONTRACT NO.: KH-3009      DATE: FEBRUARY 2021      PLATE 23 OF 27

FILE: Q:\SMD\130770\_048\_195\_ETL\_N\_Trans\CADD\N&CR\Phase I\Plates\North of New Forge\WT-PLATE\_23.DWG  
 DATE: Tuesday, February 02, 2021 AT 12:13 PM

IMPACTS ARE NO LONGER PROPOSED AS PART OF CONTRACT KH-3009. THESE IMPACTS HAVE BEEN DEFERRED TO PHASE II CONTRACT KH-3019 AND WILL BE CONSTRUCTED UNDER PERMIT 19-NT-0150/201960846.



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	0 LF/SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND

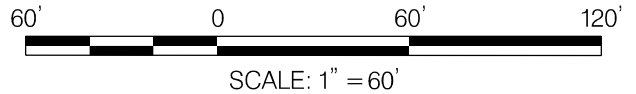
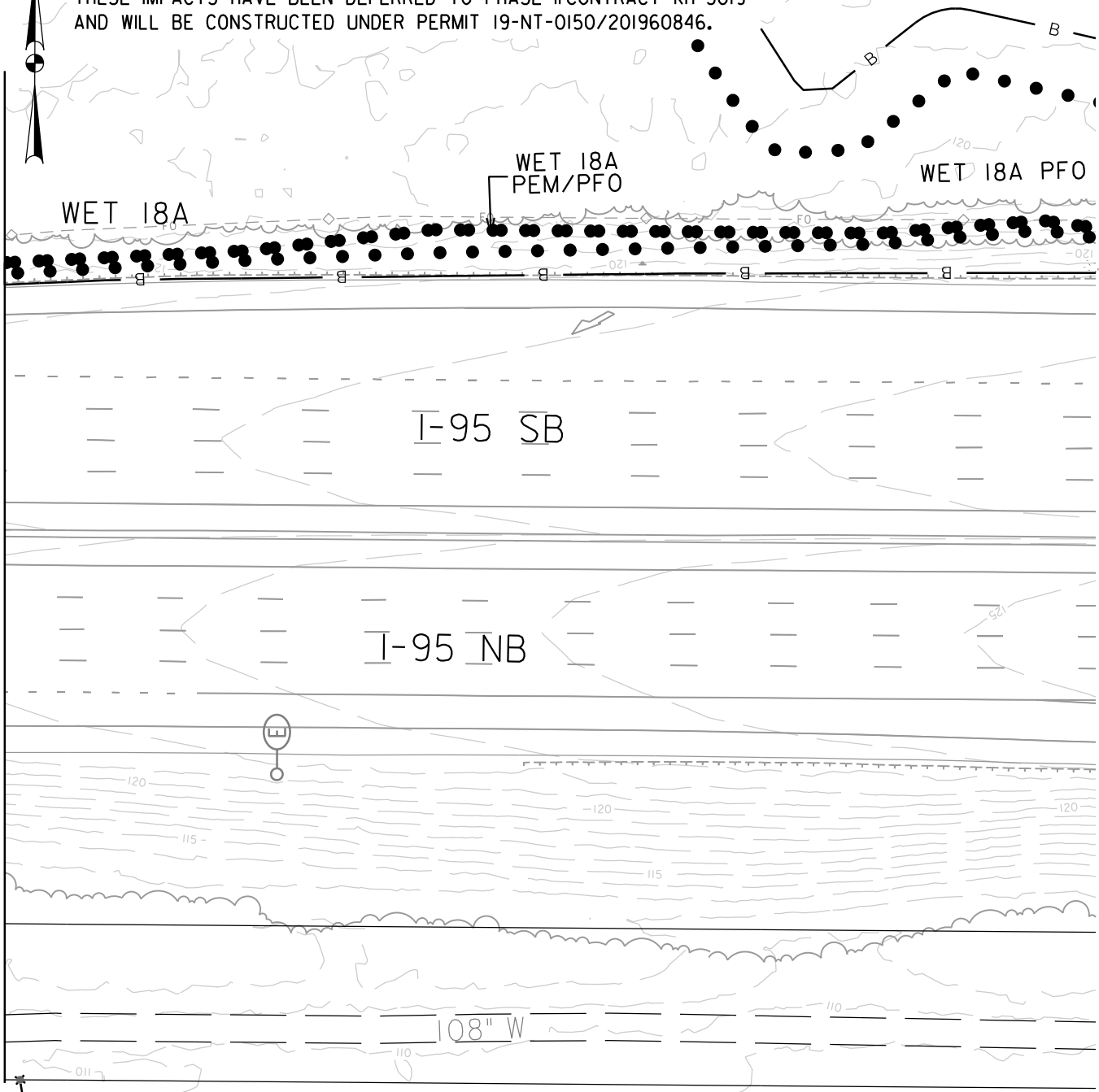


**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'      CONTRACT NO.: KH-3009      DATE: FEBRUARY 2021      PLATE 24 OF 27

FILE: Q:\SMD\130770\_048\_195\_ETL\_N\_Trans\CADD\N&CR\*Phase I\*Plates\North of New Forge\*WT-PLATE\_24.dwg  
 DATE: Tuesday, February 02, 2021 AT 12:20 PM

IMPACTS ARE NO LONGER PROPOSED AS PART OF CONTRACT KH-3009.  
 THESE IMPACTS HAVE BEEN DEFERRED TO PHASE II CONTRACT KH-3019  
 AND WILL BE CONSTRUCTED UNDER PERMIT 19-NT-0150/201960846.



**IMPACTS ON THIS PLATE**

	TEMPORARY		PERMANENT	
	0 SF	0 SF	0 SF	0 SF
PFO WETLAND	0 SF	0 SF	0 SF	0 SF
PSS WETLAND	0 SF	0 SF	0 SF	0 SF
PEM WETLAND	0 SF	0 SF	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	0 LF/SF	0 LF/SF	0 LF/SF
WETLAND BUFFER	0 SF	0 SF	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

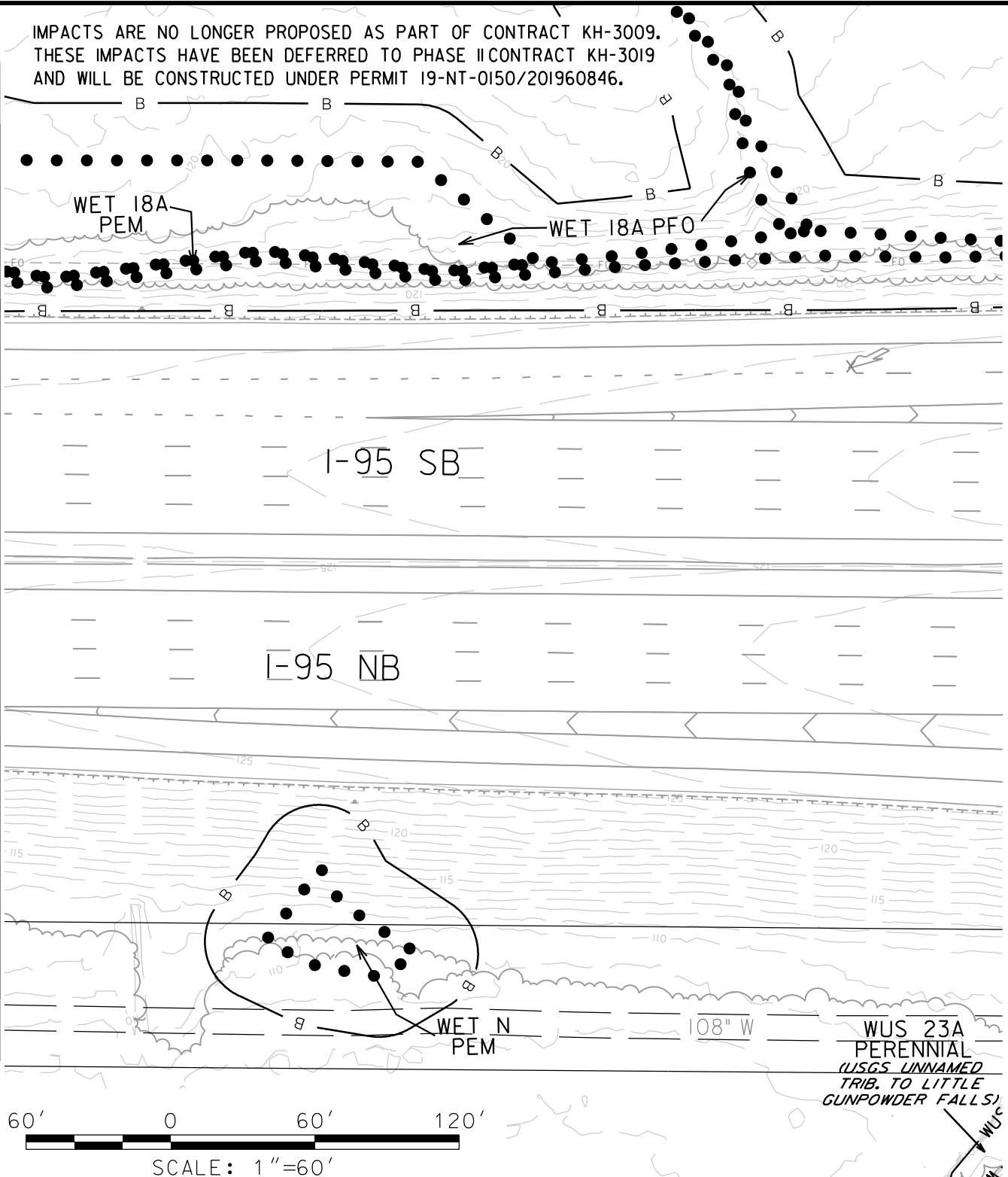
SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 25 OF 27

IMPACTS ARE NO LONGER PROPOSED AS PART OF CONTRACT KH-3009. THESE IMPACTS HAVE BEEN DEFERRED TO PHASE II CONTRACT KH-3019 AND WILL BE CONSTRUCTED UNDER PERMIT 19-NT-0150/201960846.



SCALE: 1" = 60'

**IMPACTS ON THIS PLATE**

	TEMPORARY		PERMANENT	
PFO WETLAND	0 SF		0 SF	
PSS WETLAND	0 SF		0 SF	
PEM WETLAND	0 SF		0 SF	
PERENNIAL WUS	0 LF/SF		0 LF/SF	
INTERMITTENT WUS	0 LF/SF		0 LF/SF	
EPHEMERAL WUS	0 LF/SF		0 LF/SF	
WETLAND BUFFER	0 SF		0 SF	
100-YEAR FLOODPLAIN	0 SF		0 SF	

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

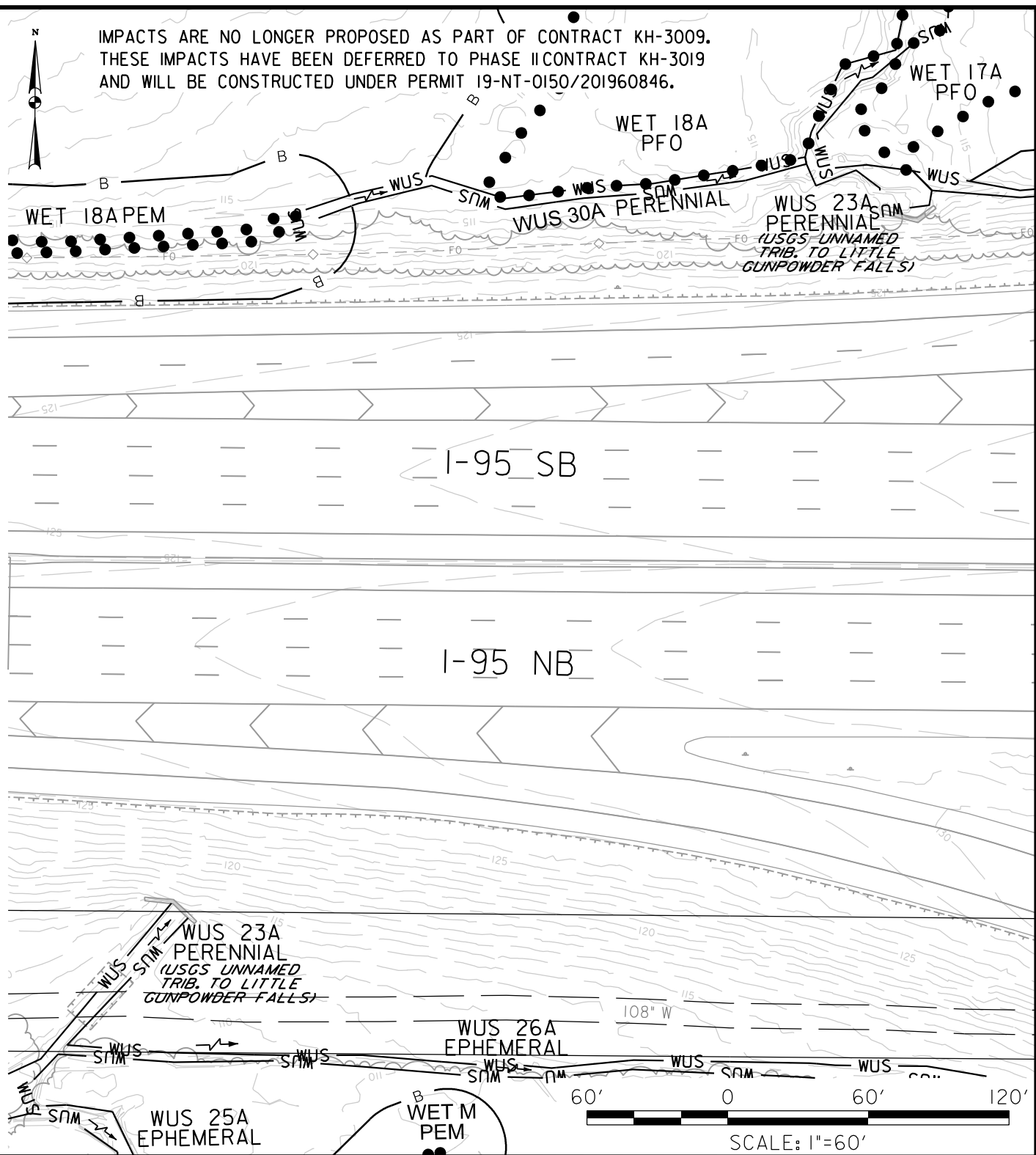
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CONTRACT NO.: KH-3009

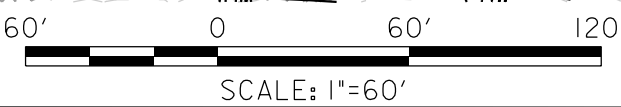
DATE: FEBRUARY 2021

PLATE 26 OF 27

IMPACTS ARE NO LONGER PROPOSED AS PART OF CONTRACT KH-3009. THESE IMPACTS HAVE BEEN DEFERRED TO PHASE II CONTRACT KH-3019 AND WILL BE CONSTRUCTED UNDER PERMIT 19-NT-0150/201960846.



MATCHLINE PLATE 26



**IMPACTS ON THIS PLATE**

	TEMPORARY		PERMANENT	
	0 SF	0 SF	0 SF	0 SF
PFO WETLAND	0 SF	0 SF	0 SF	0 SF
PSS WETLAND	0 SF	0 SF	0 SF	0 SF
PEM WETLAND	0 SF	0 SF	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	0 LF/SF	0 LF/SF	0 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	0 LF/SF	0 LF/SF	0 LF/SF
WETLAND BUFFER	0 SF	0 SF	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 NEW FORGE ROAD TO MD 152  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

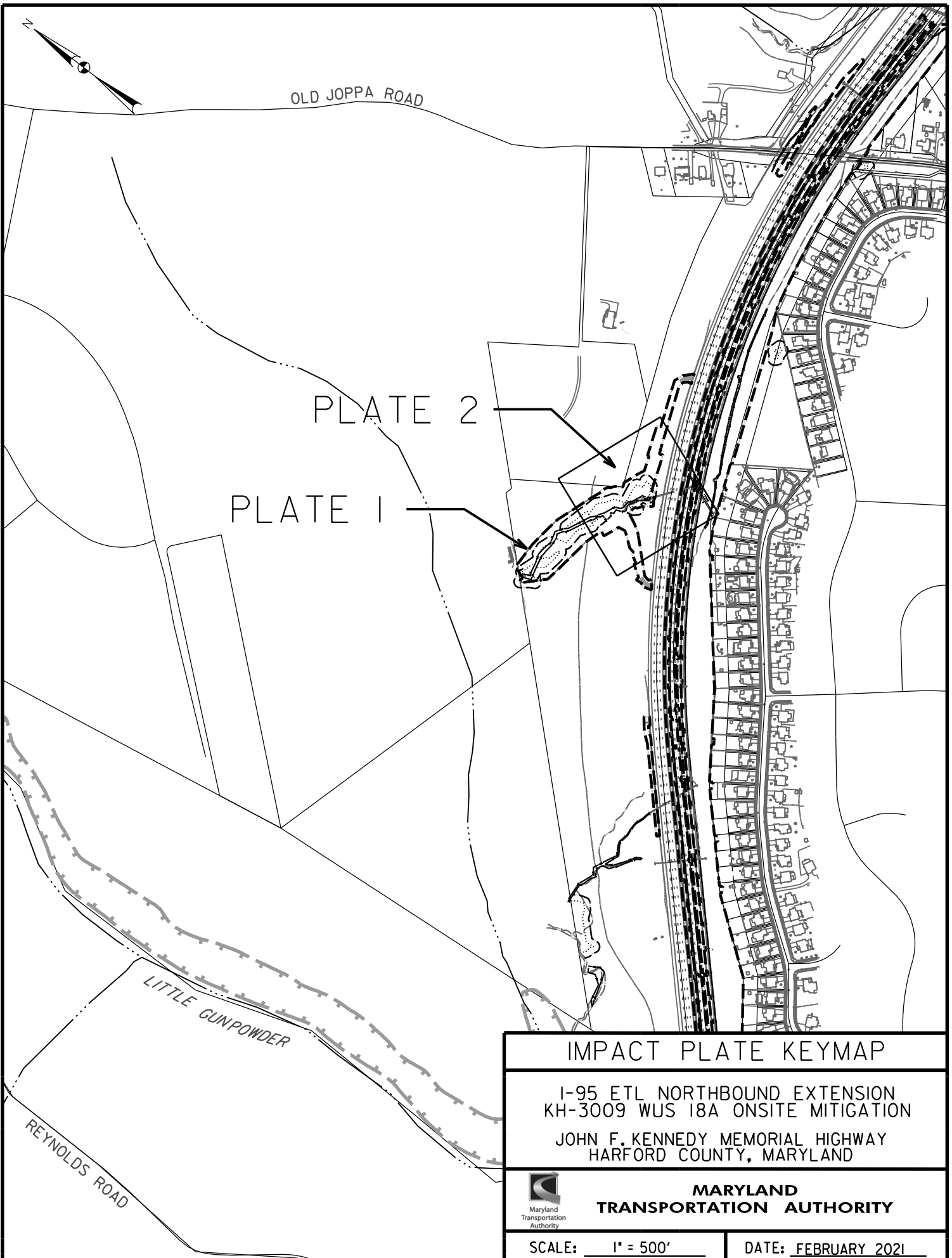
CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 27 OF 27


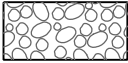

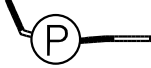




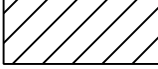
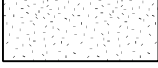

FILE: Q:\SMD\130770\_048\_195\_ETL\_N\_Trans\CADD\N&CR\Phase I\Plates\North of New Forge\WT-PLATE\_27.DWG  
 DATE: Tuesday, February 02, 2021 AT 12:26 PM





FILE: Q:\SMD\130770\_048\_195\_ETL\_N\_Trans\*CADD\*N&CR\*Phase I\*Plates\*WUS18A\*pWT-Onsite Mitigation Key  
DATE: Wednesday, January 27, 2021 AT 05:00 PM

## LEGEND

LIMIT OF DISTURBANCE	—— LOD ——
RIGHT-OF-WAY	- - - - -
100-YEAR FLOODPLAIN	┌──────────┐ │          │ └──────────┘
WUS BOUNDARY	—— WUS ——
WETLAND BOUNDARY	● ● ● ● ● ● ● ●
WETLAND BUFFER BOUNDARY	—— B ——
WETLAND CREATION	
STREAM UNDERLAYMENT (CLASS 0/I)	
LOG SILL	
PUMP AROUND PRACTICE	
FILTER BAG	
PROPOSED CONTOUR	—— 90 ——
24-INCH FILTER LOG	—— FL-24 ——
WUS IMPACT PERMANENT	
WUS IMPACT TEMPORARY	
WETLAND IMPACT PERMANENT	
WETLAND IMPACT TEMPORARY	
WETLAND BUFFER IMPACT PERMANENT	
WETLAND BUFFER IMPACT TEMPORARY	

### IMPACT PLATE LEGEND

I-95 ETL NORTHBOUND EXTENSION  
KH-3009 WUS 18A ONSITE MITIGATION  
JOHN F. KENNEDY MEMORIAL HIGHWAY  
HARFORD COUNTY, MARYLAND



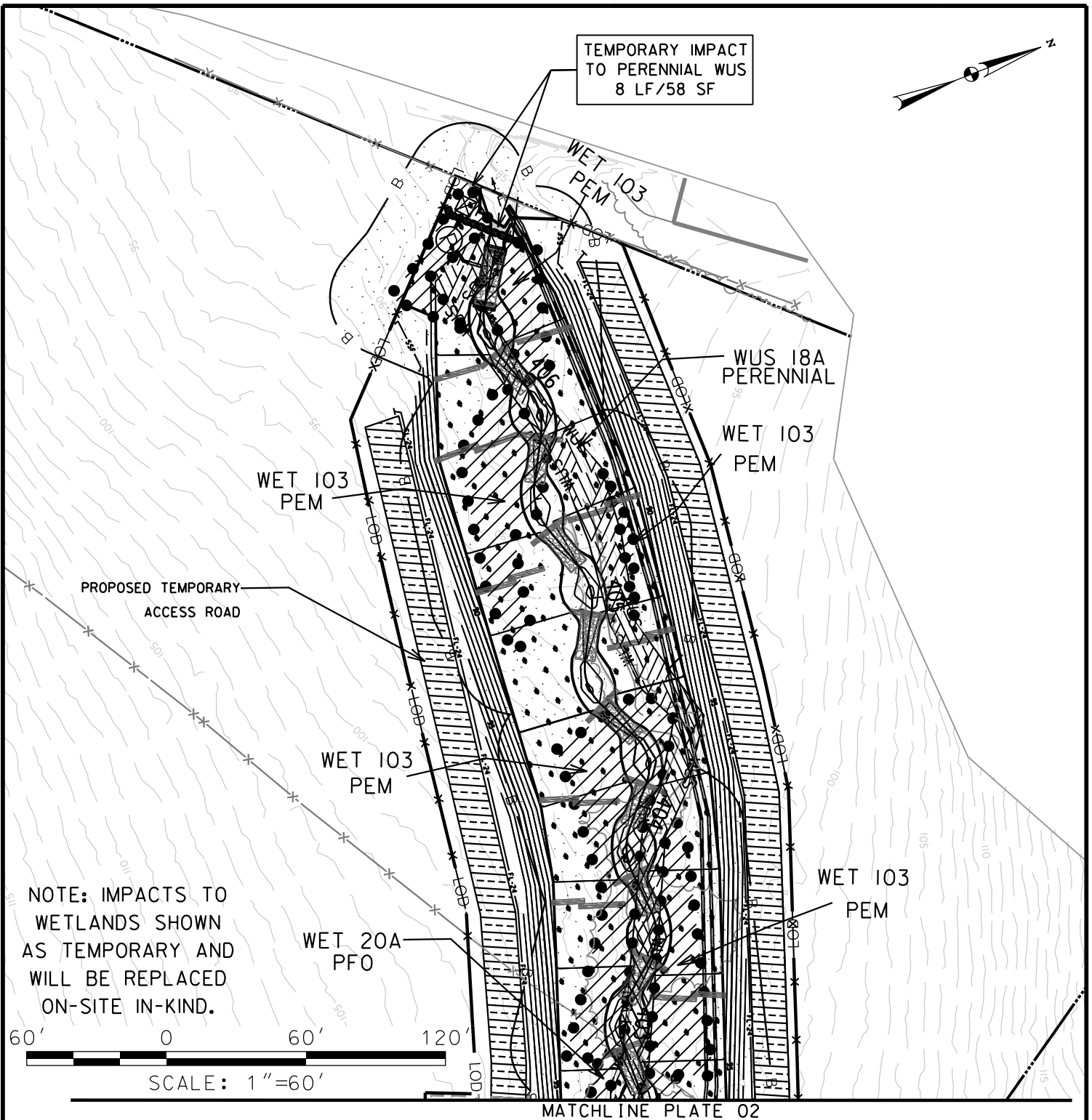
**MARYLAND  
TRANSPORTATION AUTHORITY**

SCALE:            N.T.S.           

DATE: FEBRUARY 2021

WUS 18A Onsite Mitigation											
Plate/Plan Sheet No.	Resource ID	PEM Wetland		PSS Wetland		PFO Wetland		PFO/PEM Wetland		25-foot Wetland Buffer	
		Temporary	Permanent	Temporary	Permanent	Temporary	Permanent	Temporary	Permanent	Temporary	Permanent
		SF	SF	SF	SF	SF	SF	SF	SF	SF	SF
PLATE 1	WET 103	10,363	0	0	0	0	0	0	0	24,734	0
PLATE 1	WET 20A	0	0	0	0	333	0	0	0		0
PLATE 2	WET 20A	0	0	0	0	9,571	0	0	0	14,940	0
PLATE 2	WET 93A	0	0	0	0	218	0	0	0		0
<b>Total</b>		10,363	0	0	0	10,122	0	0	0	39,674	0

WUS 18A Onsite Mitigation															
Plate/Plan Sheet No.	Resource ID	Perennial WUS				Intermittent WUS				Ephemeral WUS				100-Year Floodplain	
		Temporary		Permanent		Temporary		Permanent		Temporary		Permanent		Temporary	Permanent
		LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	SF	SF
PLATE 1	WUS 18A	8	58	419	5,108	0	0	0	0	0	0	0	0	0	0
PLATE 2	WUS 18A	0	0	271	3,386	0	0	0	0	0	0	0	0	0	0
<b>Total</b>		8	58	690	8,494	0	0	0	0	0	0	0	0	0	0



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	333 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	10,363 SF	0 SF
PERENNIAL WUS	8/58 LF/SF	419/5,108 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	0 LF/SF
WETLAND BUFFER	24,734 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
KH-3009 WUS 18A ONSITE MITIGATION PLAN  
JOHN F. KENNEDY MEMORIAL HIGHWAY  
BALTIMORE & HARFORD COUNTIES, MARYLAND



**MARYLAND  
TRANSPORTATION AUTHORITY**

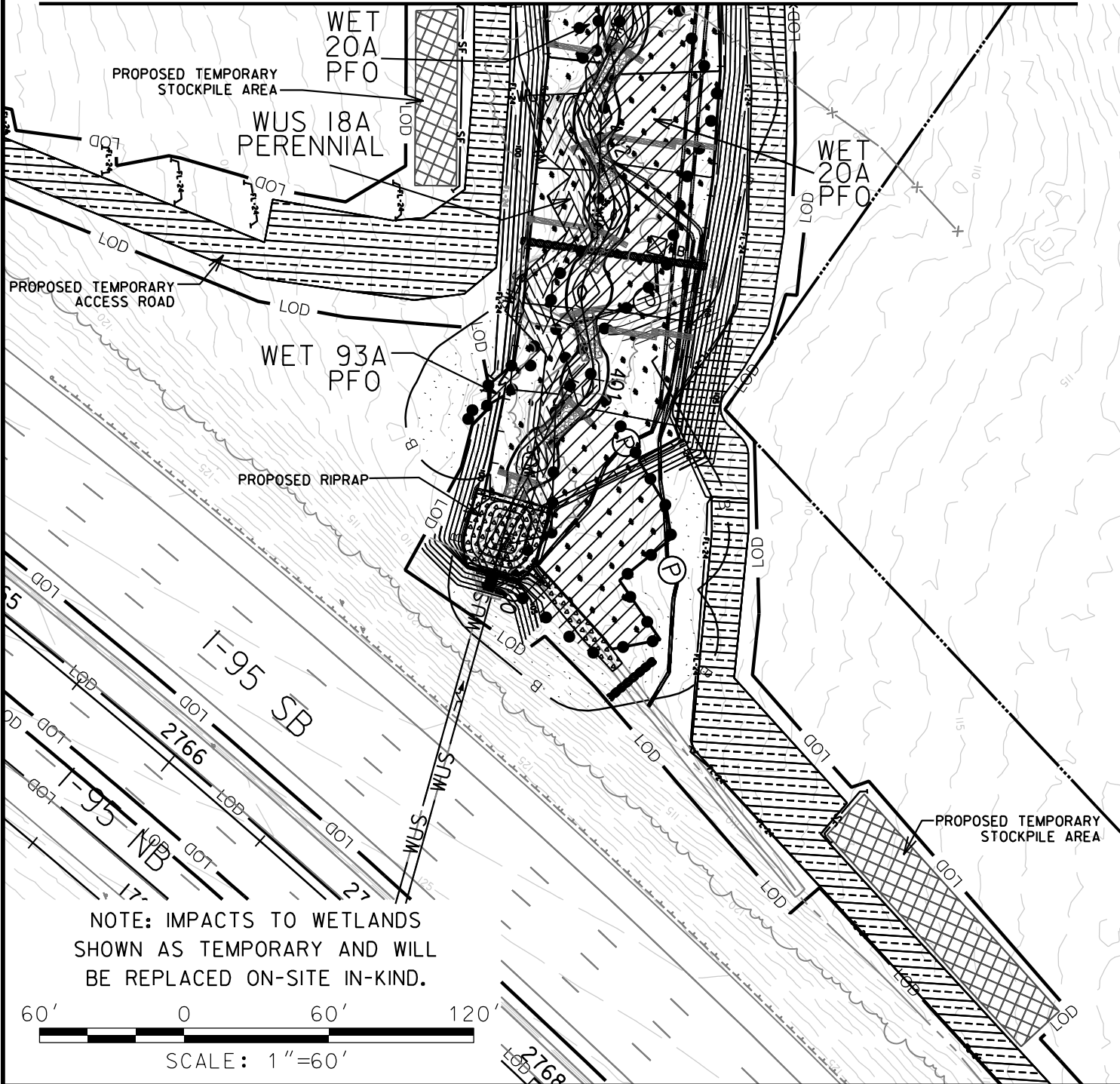
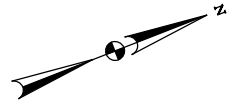
SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 01 OF 02

MATCHLINE PLATE 01



NOTE: IMPACTS TO WETLANDS SHOWN AS TEMPORARY AND WILL BE REPLACED ON-SITE IN-KIND.



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	9.789 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/SF	271/3.386 LF/SF
INTERMITTENT WUS	0 LF/SF	0 LF/SF
EPHEMERAL WUS	0 LF/SF	0 LF/SF
WETLAND BUFFER	14.940 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 KH-3009 WUS 18A ONSITE MITIGATION  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 BALTIMORE & HARFORD COUNTIES, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

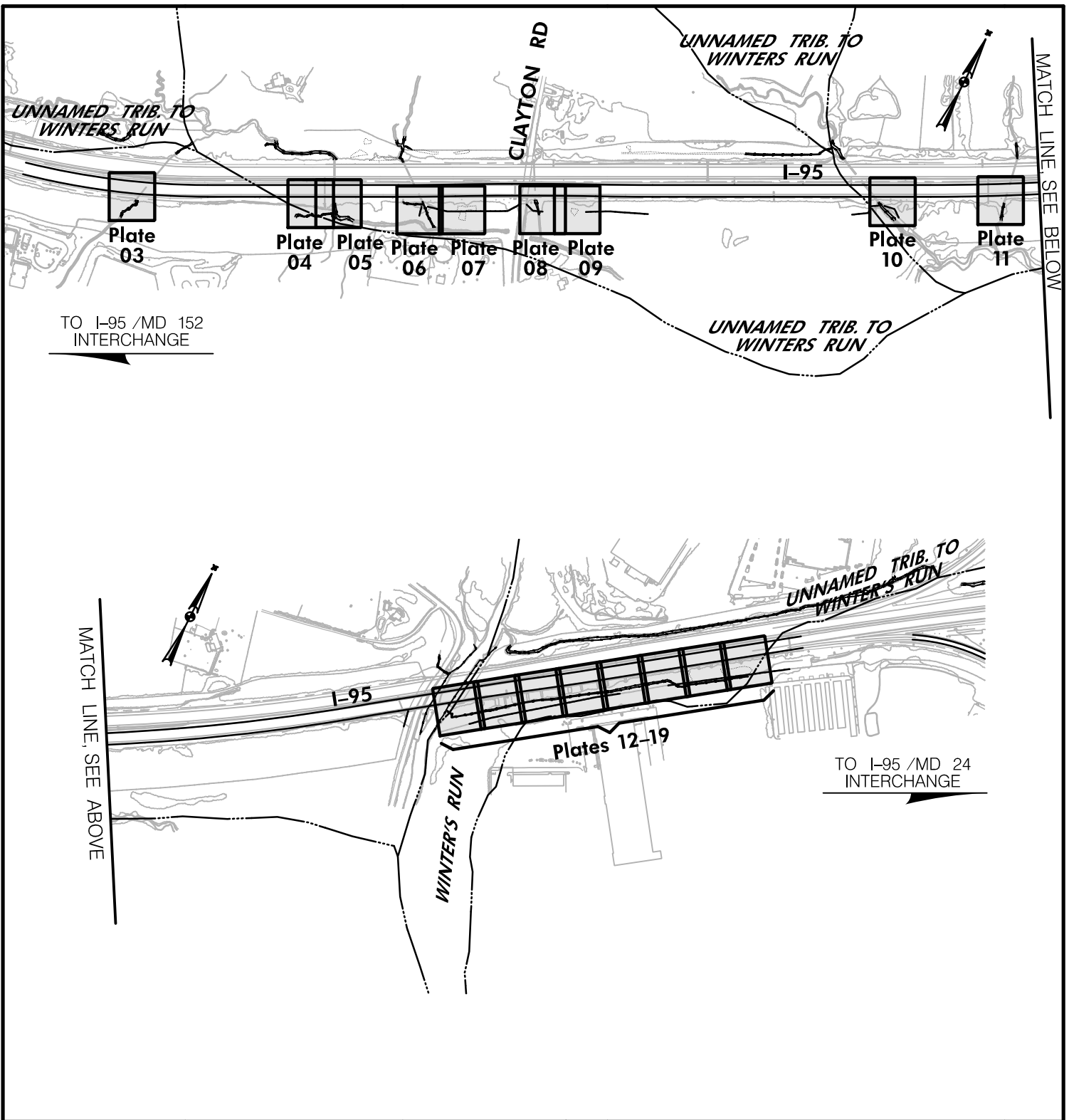
SCALE: 1" = 60'

CONTRACT NO.: KH-3009

DATE: FEBRUARY 2021

PLATE 02 OF 02





	TOTAL IMPACTS	
	TEMPORARY	PERMANENT
PFO WETLAND	SF	6,939 SF
PSS WETLAND	SF	SF
PEM WETLAND	SF	SF
PFO/PEM WETLAND	SF	2,386 SF
PERENNIAL WUS	239 LF/1,032 SF	176 LF/1,130 SF
INTERMITTENT WUS	410 LF/2,985 SF	1,121 LF/5,896 SF
EPHEMERAL WUS	LF/SF	LF/SF
WETLAND BUFFER	SF	20,382 SF
100-YEAR FLOODPLAIN	588 SF	38,803 SF

**WETLAND IMPACT KEY SHEET**

I-95 ETL NORTHBOUND EXTENSION  
 MD 152 TO MD 24  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND


**MARYLAND  
 TRANSPORTATION AUTHORITY**

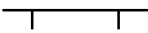






SCALE: 1"=700'


CONTRACT NO.: KH3010-0000

DATE: OCTOBER 2020

PLATE 1 OF 19

## LEGEND

LIMIT OF DISTURBANCE	— LOD —
PARKLAND BOUNDARY	— P —
CRITICAL AREA BOUNDARY	— CBCA —
100-YEAR FLOODPLAIN	
WUS BOUNDARY	— WUS —
WETLAND BOUNDARY	• • • • •
WETLAND BUFFER BOUNDARY	— B —
WUS IMPACT TEMPORARY	
WUS IMPACT PERMANENT	
WETLAND IMPACT TEMPORARY	
WETLAND IMPACT PERMANENT	
WETLAND BUFFER IMPACT TEMPORARY	
WETLAND BUFFER IMPACT PERMANENT	

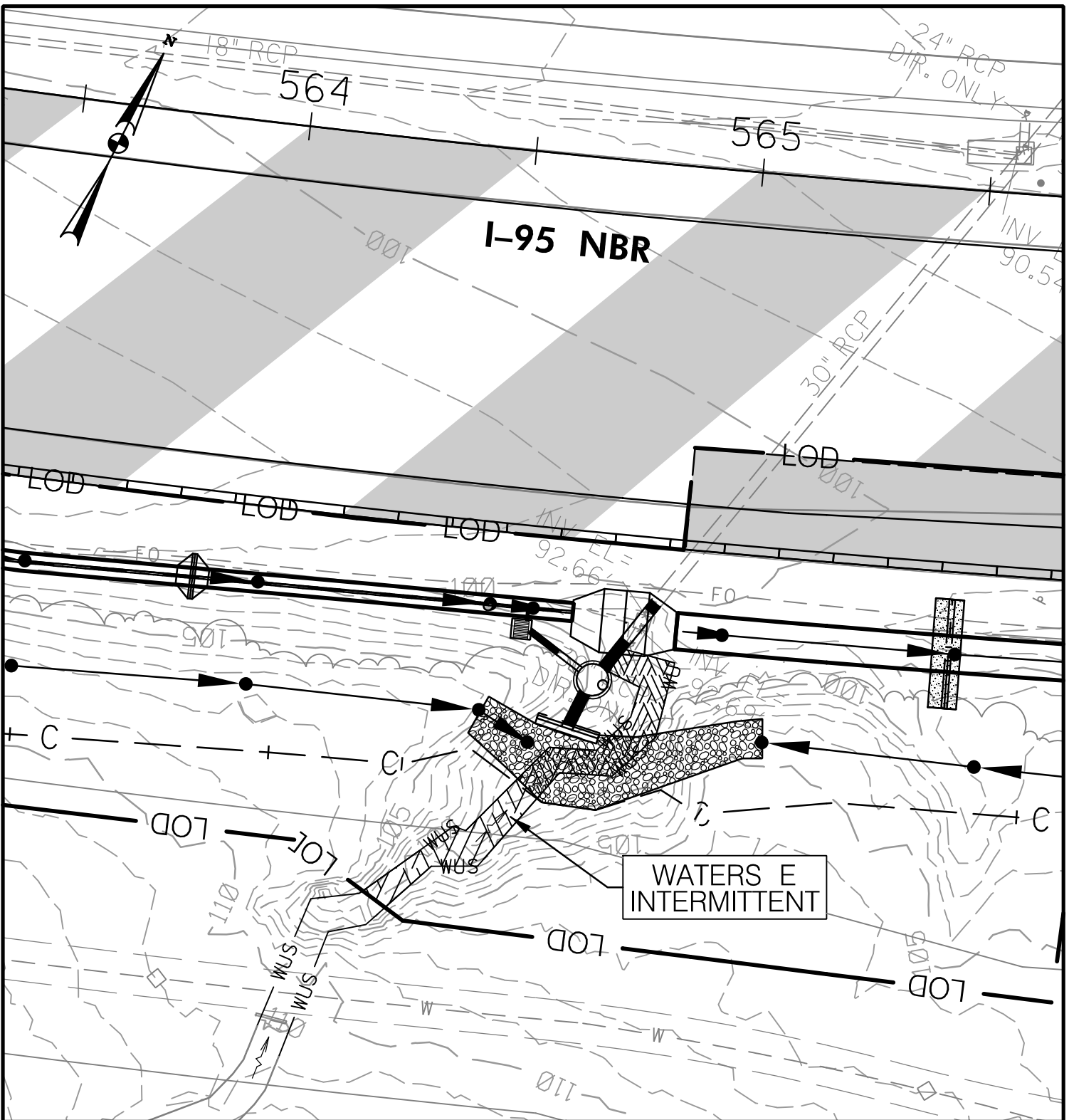
<b>WETLAND IMPACT LEGEND</b>				
I-95 ETL NORTHBOUND EXTENSION MD 152 TO MD 24 JOHN F. KENNEDY MEMORIAL HIGHWAY HARFORD COUNTY, MARYLAND				
 <b>MARYLAND TRANSPORTATION AUTHORITY</b>				
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SCALE: <u>NONE</u>	CONTRACT NO.: <u>KH3010-0000</u>	DATE: <u>OCTOBER 2020</u>	PLATE <u>2</u> OF <u>19</u>	

**KH-3010 I-95 ETL Northbound Extension MD 152 to MD 24 Wetland Impact Summary Table**

Plate/Plan Sheet No.	Resource ID	PEM Wetland		PSS Wetland		PFO Wetland		PFO/PEM Wetland		25-foot Wetland Buffer	
		Temporary	Permanent	Temporary	Permanent	Temporary	Permanent	Temporary	Permanent	Temporary	Permanent
		SF	SF	SF	SF	SF	SF	SF	SF	SF	SF
PLATE 7	WETLAND H	0	0	0	0	0	0	0	2,386	0	5,628
PLATE 9	WETLAND L	0	0	0	0	0	0	0	0	0	875
PLATE 17	WETLAND S	0	0	0	0	0	0	0	0	0	1,111
PLATE 18	WETLAND S	0	0	0	0	0	900	0	0	0	3,835
PLATE 18	WETLAND X	0	0	0	0	0	857	0	0	0	2,828
PLATE 19	WETLAND X	0	0	0	0	0	5,182	0	0	0	6,105
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,939</b>	<b>0</b>	<b>2,386</b>	<b>0</b>	<b>20,382</b>

**KH-3010 I-95 ETL Northbound Extension MD 152 to MD 24 WUS Impact Summary Table**

Plate/Plan Sheet No.	Resource ID	Perennial WUS				Intermittent WUS				Ephemeral WUS				100-Year Floodplain	
		Temporary		Permanent		Temporary		Permanent		Temporary		Permanent		Temporary	Permanent
		LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	SF	SF
PLATE 3	WATERS E	0	0	0	0	42	263	53	339	0	0	0	0	0	0
PLATE 4	WATERS F	101	342	0	0	0	0	0	0	0	0	0	0	0	0
PLATE 5	WATERS F	56	127	0	0	0	0	0	0	0	0	0	0	0	0
PLATE 5	WATERS G	21	170	51	355	0	0	0	0	0	0	0	0	0	0
PLATE 6	WATERS I	0	0	0	0	0	0	111	423	0	0	0	0	0	0
PLATE 6	WATERS J	22	96	53	183	0	0	0	0	0	0	0	0	0	0
PLATE 8	WATERS K	0	0	0	0	16	82	42	402	0	0	0	0	0	0
PLATE 10	WATERS M	39	297	72	592	0	0	0	0	0	0	0	0	0	0
PLATE 11	WATERS N	0	0	0	0	25	174	48	280	0	0	0	0	0	0
PLATE 12	WATERS V	0	0	0	0	35	88	131	492	0	0	0	0	588	12,826
PLATE 13	WATERS V	0	0	0	0	0	0	214	1,173	0	0	0	0	0	12,481
PLATE 14	WATERS V	0	0	0	0	0	0	213	1,035	0	0	0	0	0	10,607
PLATE 15	WATERS V	0	0	0	0	0	0	213	1,110	0	0	0	0	0	2,889
PLATE 16	WATERS V	0	0	0	0	127	1,185	86	588	0	0	0	0	0	0
PLATE 17	WATERS V	0	0	0	0	165	1,193	10	54	0	0	0	0	0	0
<b>Total</b>		<b>239</b>	<b>1,032</b>	<b>176</b>	<b>1,130</b>	<b>410</b>	<b>2,985</b>	<b>1,121</b>	<b>5,896</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>588</b>	<b>38,803</b>



**IMPACTS ON THIS PLATE**

	TEMPORARY		PERMANENT	
		SF		SF
PFO WETLAND		SF		SF
PSS WETLAND		SF		SF
PEM WETLAND		SF		SF
PFO/PEM WETLAND		SF		SF
PERENNIAL WUS		LF/SF		LF/SF
INTERMITTENT WUS	42 LF/263 SF		53 LF/339 SF	
EPHEMERAL WUS		LF/SF		LF/SF
WETLAND BUFFER		SF		SF
100-YEAR FLOODPLAIN		SF		SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 MD 152 TO MD 24  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



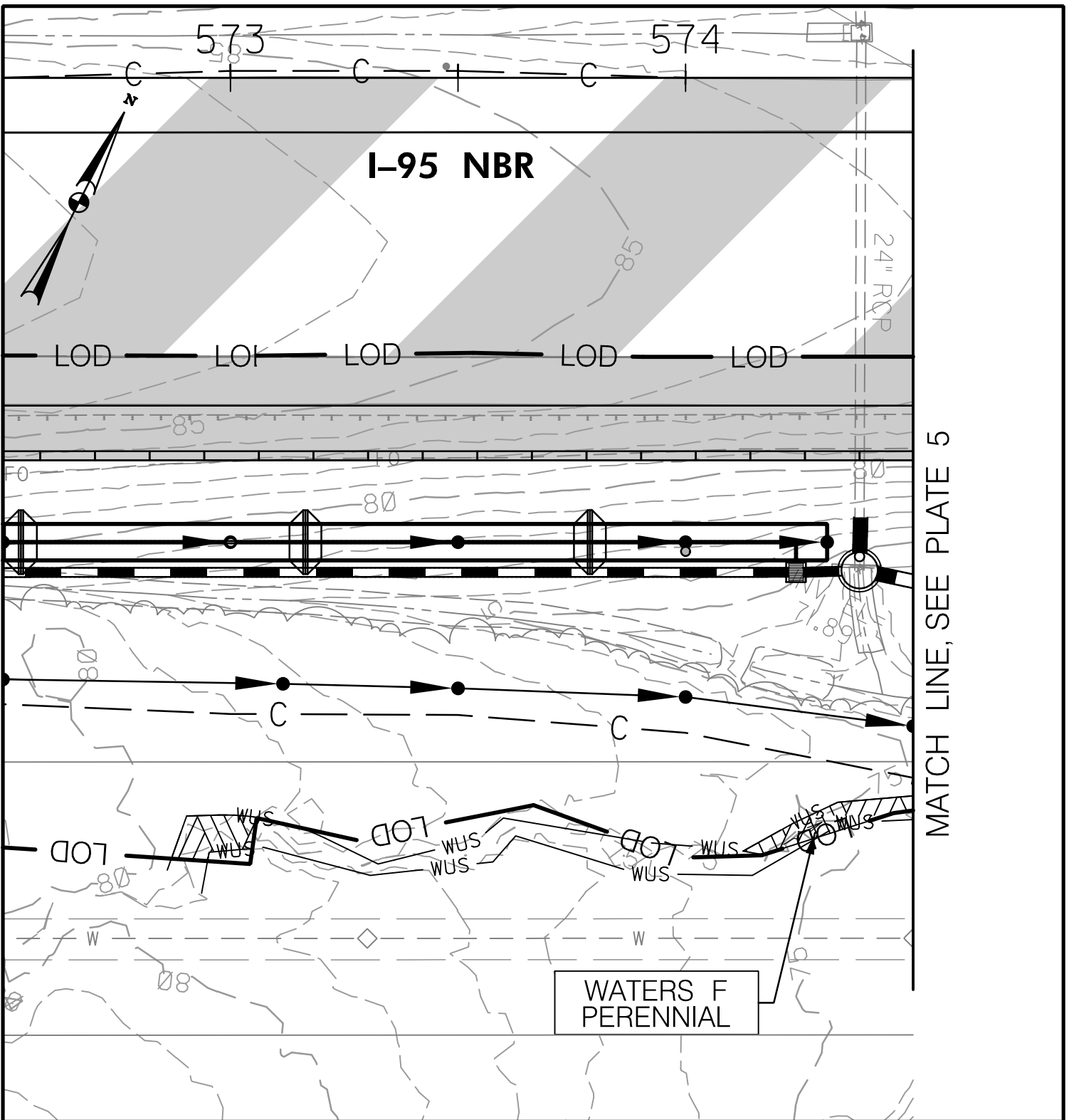
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 30'

CONTRACT NO.: KH3010-0000

DATE: OCTOBER 2020

PLATE 3 OF 19



MATCH LINE, SEE PLATE 5

**IMPACTS ON THIS PLATE**

	TEMPORARY		PERMANENT	
		SF		SF
PFO WETLAND		SF		SF
PSS WETLAND		SF		SF
PEM WETLAND		SF		SF
PFO/PEM WETLAND		SF		SF
PERENNIAL WUS	101	LF/342	SF	LF/SF
INTERMITTENT WUS		LF/SF		LF/SF
EPHEMERAL WUS		LF/SF		LF/SF
WETLAND BUFFER		SF		SF
100-YEAR FLOODPLAIN		SF		SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 MD 152 TO MD 24  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



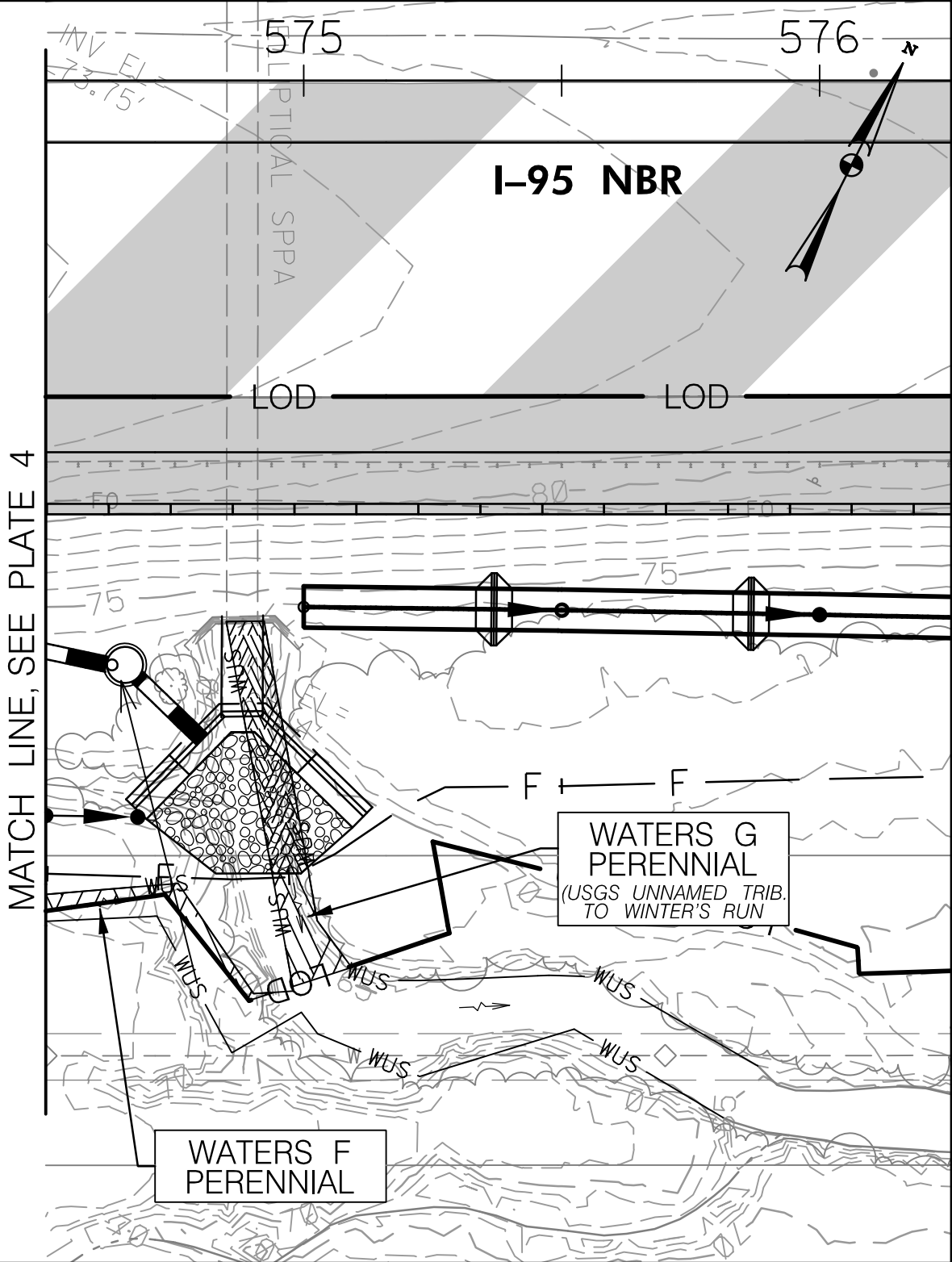
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 30'

CONTRACT NO.: KH3010-0000

DATE: OCTOBER 2020

PLATE 4 OF 19



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	SF	SF
PSS WETLAND	SF	SF
PEM WETLAND	SF	SF
PFO/PEM WETLAND	SF	SF
PERENNIAL WUS	77 LF/297 SF	51 LF/355 SF
INTERMITTENT WUS	LF/SF	LF/SF
EPHEMERAL WUS	LF/SF	LF/SF
WETLAND BUFFER	SF	SF
100-YEAR FLOODPLAIN	SF	SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 MD 152 TO MD 24  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

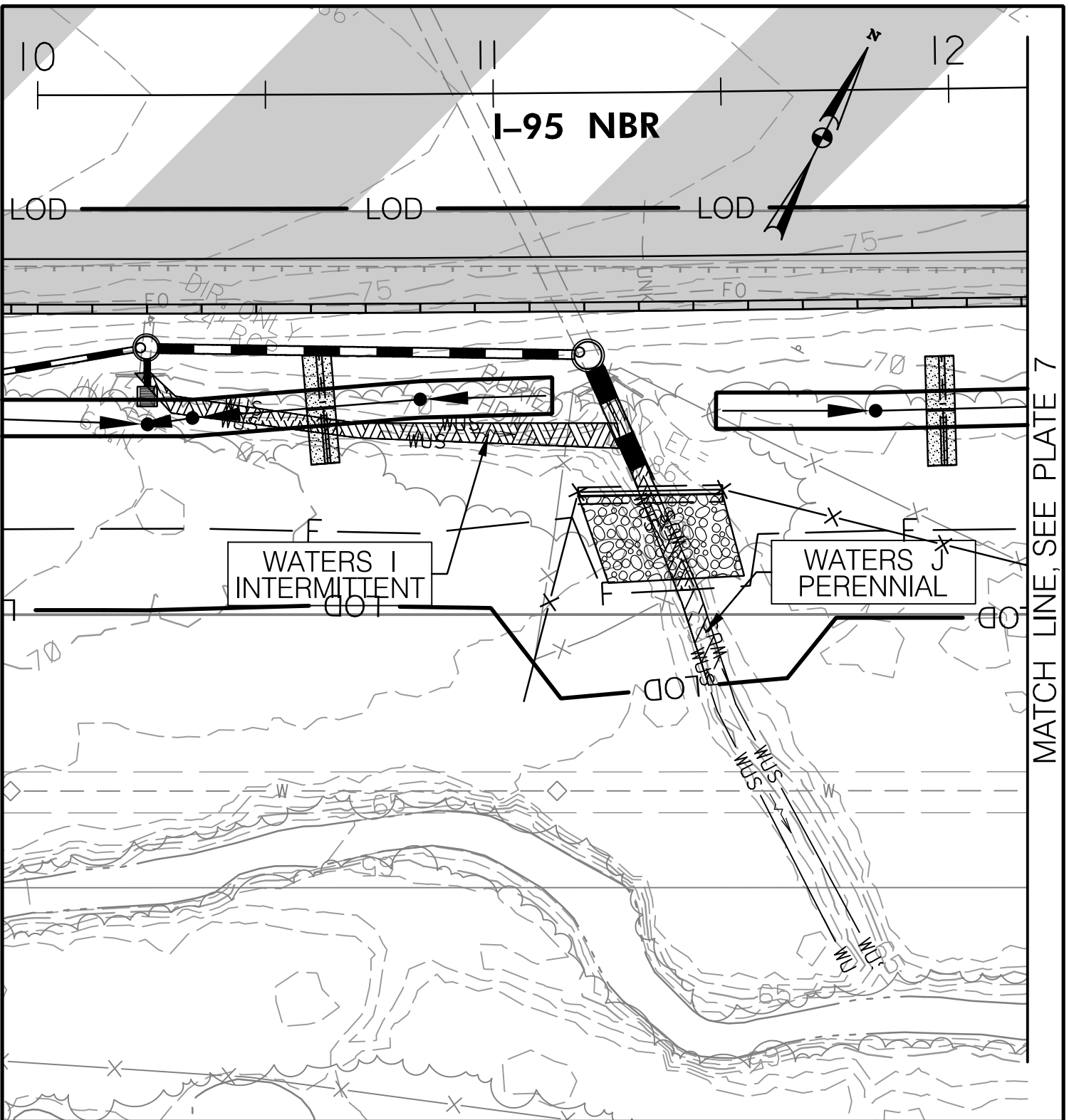
SCALE: 1" = 30'

CONTRACT NO.: KH3010-0000

DATE: OCTOBER 2020

PLATE 5 OF 19





MATCH LINE, SEE PLATE 7

**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	SF	SF
PSS WETLAND	SF	SF
PEM WETLAND	SF	SF
PFO/PEM WETLAND	SF	SF
PERENNIAL WUS	22 LF/96 SF	53 LF/183 SF
INTERMITTENT WUS	LF/SF	111 LF/423 SF
EPHEMERAL WUS	LF/SF	LF/SF
WETLAND BUFFER	SF	SF
100-YEAR FLOODPLAIN	SF	SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 MD 152 TO MD 24  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

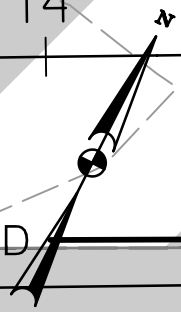
SCALE: 1" = 30'

CONTRACT NO.: KH3010-0000

DATE: OCTOBER 2020

PLATE 6 OF 19

# I-95 NBR



LOD

LOD

LOD

MATCH LINE, SEE PLATE 6

WETLAND H  
PFO /PEM

### IMPACTS ON THIS PLATE

	TEMPORARY		PERMANENT	
		SF		SF
PFO WETLAND		SF		SF
PSS WETLAND		SF		SF
PEM WETLAND		SF		SF
PFO/PEM WETLAND		SF	2,386	SF
PERENNIAL WUS	LF/SF		LF/SF	
INTERMITTENT WUS	LF/SF		LF/SF	
EPHEMERAL WUS	LF/SF		LF/SF	
WETLAND BUFFER		SF	5,628	SF
100-YEAR FLOODPLAIN		SF		SF

### WETLAND IMPACT PLATE

I-95 ETL NORTHBOUND EXTENSION  
MD 152 TO MD 24  
JOHN F. KENNEDY MEMORIAL HIGHWAY  
HARFORD COUNTY, MARYLAND



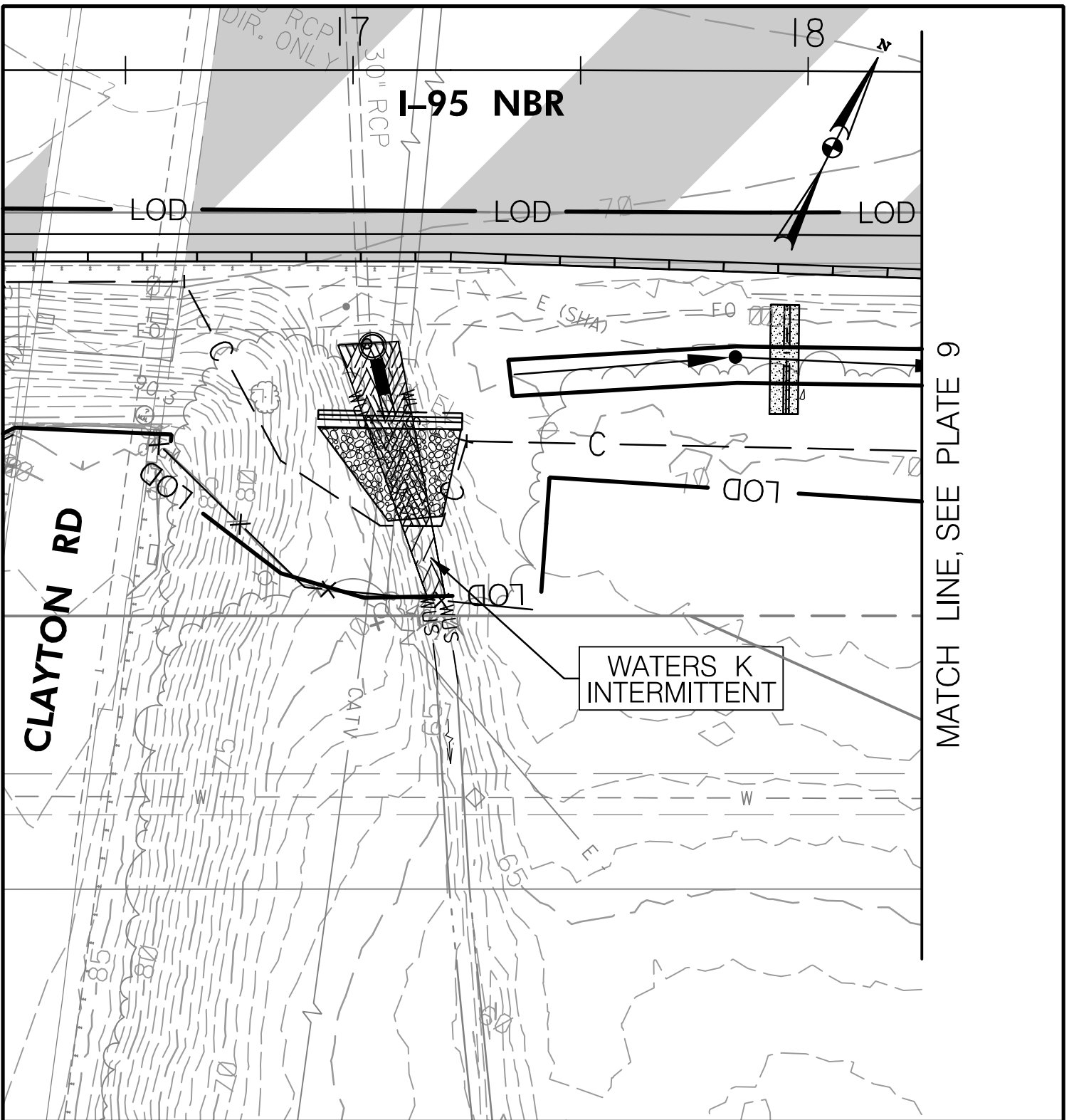
**MARYLAND  
TRANSPORTATION AUTHORITY**

SCALE: 1" = 30'

CONTRACT NO.: KH3010-0000

DATE: OCTOBER 2020

PLATE 7 OF 19



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	SF	SF
PSS WETLAND	SF	SF
PEM WETLAND	SF	SF
PFO/PEM WETLAND	SF	SF
PERENNIAL WUS	LF/SF	LF/SF
INTERMITTENT WUS	16 LF/82 SF	42 LF/402 SF
EPHEMERAL WUS	LF/SF	LF/SF
WETLAND BUFFER	SF	SF
100-YEAR FLOODPLAIN	SF	SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 MD 152 TO MD 24  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



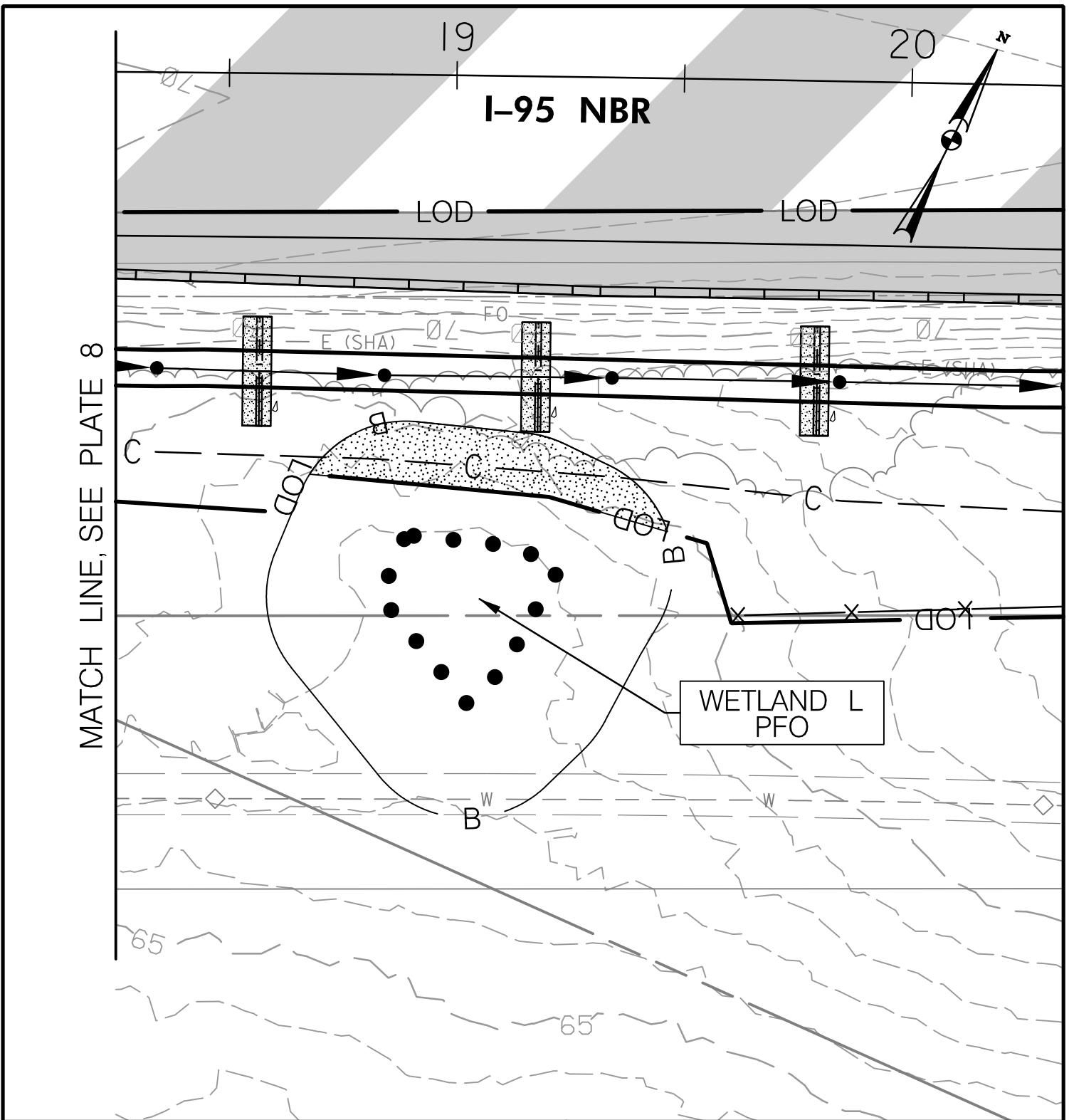
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 30'

CONTRACT NO.: KH3010-0000

DATE: OCTOBER 2020

PLATE 8 OF 19



MATCH LINE, SEE PLATE 8

**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	SF	SF
PSS WETLAND	SF	SF
PEM WETLAND	SF	SF
PFO/PEM WETLAND	SF	SF
PERENNIAL WUS	LF/SF	LF/SF
INTERMITTENT WUS	LF/SF	LF/SF
EPHEMERAL WUS	LF/SF	LF/SF
WETLAND BUFFER	SF	875 SF
100-YEAR FLOODPLAIN	SF	SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 MD 152 TO MD 24  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



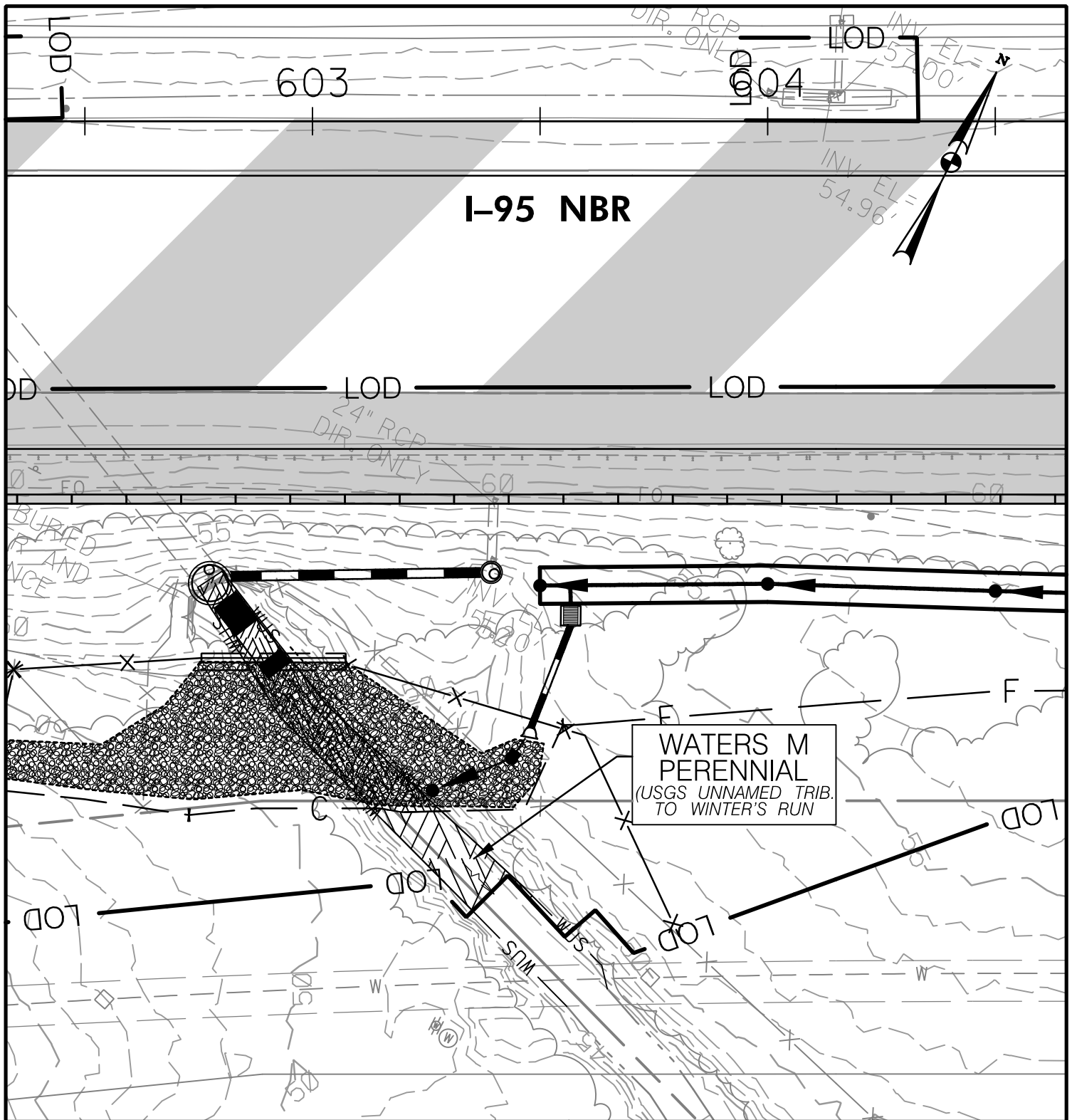
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 30'

CONTRACT NO.: KH3010-0000

DATE: OCTOBER 2020

PLATE 9 OF 19



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	SF	SF
PSS WETLAND	SF	SF
PEM WETLAND	SF	SF
PFO/PEM WETLAND	SF	SF
PERENNIAL WUS	39 LF/297 SF	72 LF/592 SF
INTERMITTENT WUS	LF/SF	LF/SF
EPHEMERAL WUS	LF/SF	LF/SF
WETLAND BUFFER	SF	SF
100-YEAR FLOODPLAIN	SF	SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 MD 152 TO MD 24  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

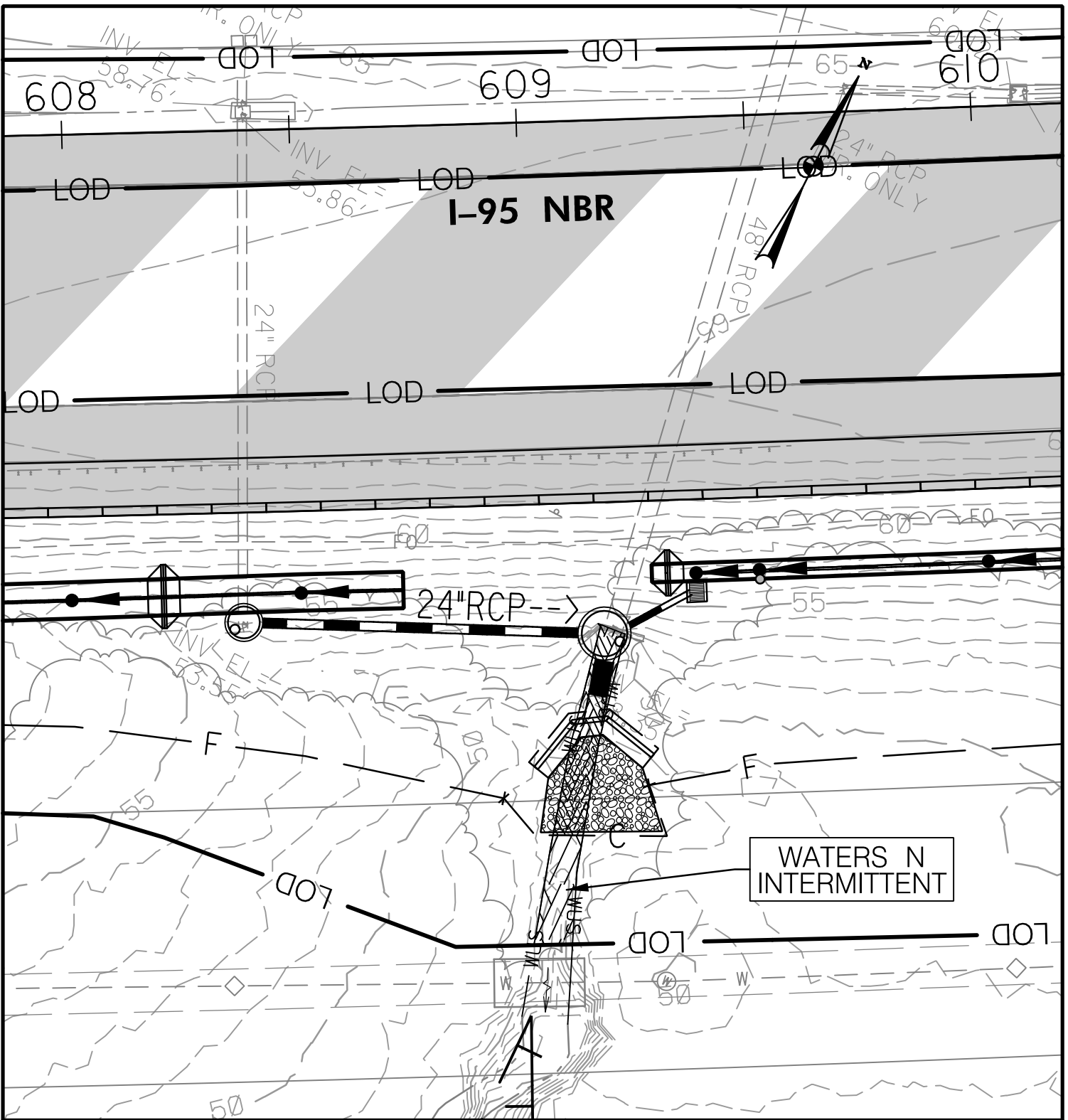
SCALE: 1" = 30'

CONTRACT NO.: KH3010-0000

DATE: OCTOBER 2020

PLATE 10 OF 19





**IMPACTS ON THIS PLATE**

	TEMPORARY		PERMANENT	
	LF	SF	LF	SF
PFO WETLAND		SF		SF
PSS WETLAND		SF		SF
PEM WETLAND		SF		SF
PFO/PEM WETLAND		SF		SF
PERENNIAL WUS	LF/SF		LF/SF	
INTERMITTENT WUS	25 LF/174 SF		48 LF/280 SF	
EPHEMERAL WUS	LF/SF		LF/SF	
WETLAND BUFFER		SF		SF
100-YEAR FLOODPLAIN		SF		SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 MD 152 TO MD 24  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



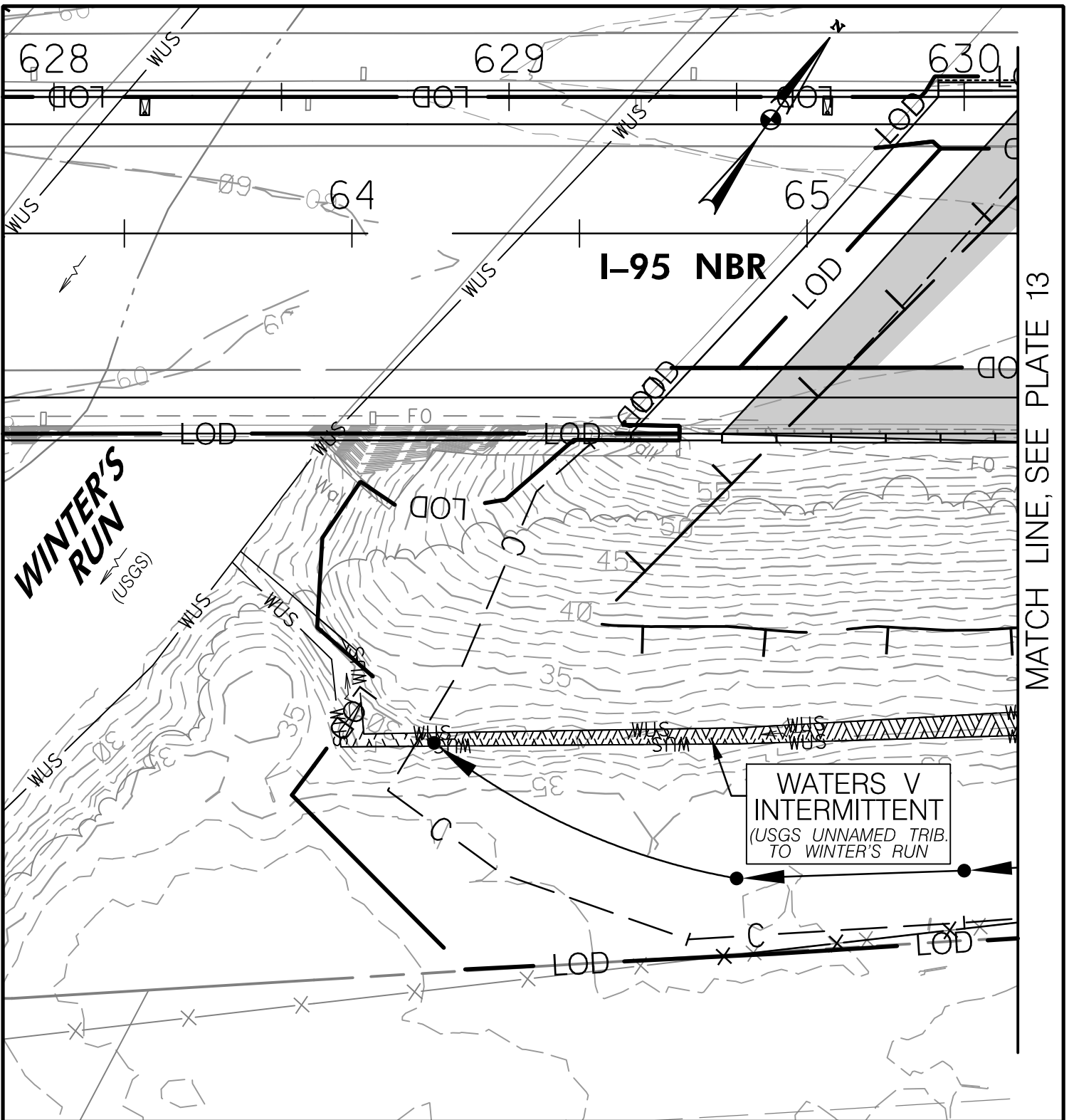
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 30'

CONTRACT NO.: KH3010-0000

DATE: OCTOBER 2020

PLATE II OF 19



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	SF	SF
PSS WETLAND	SF	SF
PEM WETLAND	SF	SF
PFO/PEM WETLAND	SF	SF
PERENNIAL WUS	LF/SF	SF
INTERMITTENT WUS	35 LF/88 SF	131 LF/492 SF
EPHEMERAL WUS	LF/SF	LF/SF
WETLAND BUFFER	SF	SF
100-YEAR FLOODPLAIN	588 SF	12,826 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 MD 152 TO MD 24  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 30'

CONTRACT NO.: KH3010-0000

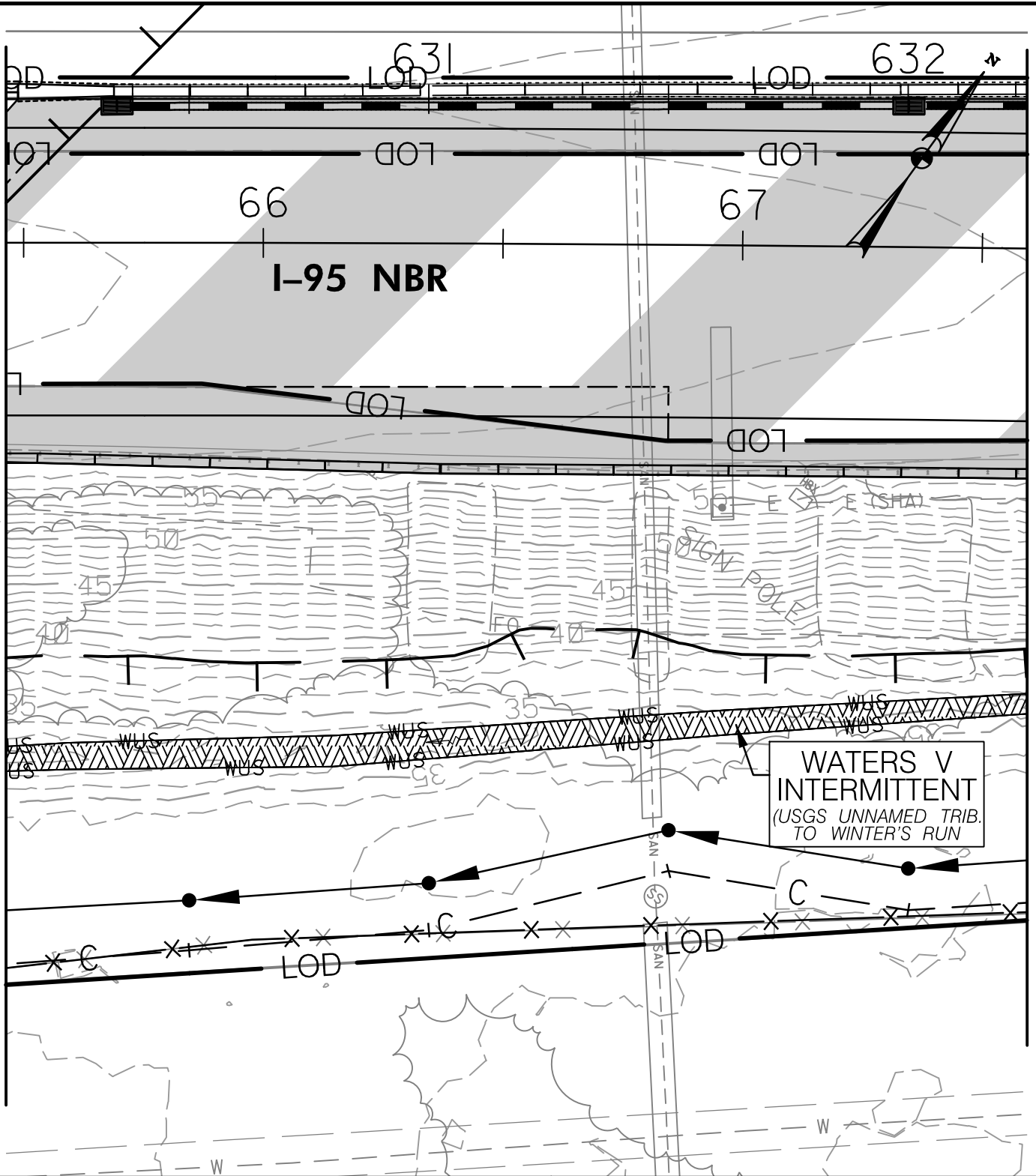
DATE: OCTOBER 2020

PLATE 12 OF 19



MATCH LINE, SEE PLATE 12

MATCH LINE, SEE PLATE 14



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	SF	SF
PSS WETLAND	SF	SF
PEM WETLAND	SF	SF
PFO/PEM WETLAND	SF	SF
PERENNIAL WUS	LF/SF	LF/SF
INTERMITTENT WUS	LF/SF	214 LF/1,173 SF
EPHEMERAL WUS	LF/SF	LF/SF
WETLAND BUFFER	SF	SF
100-YEAR FLOODPLAIN	SF	12,481 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 MD 152 TO MD 24  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



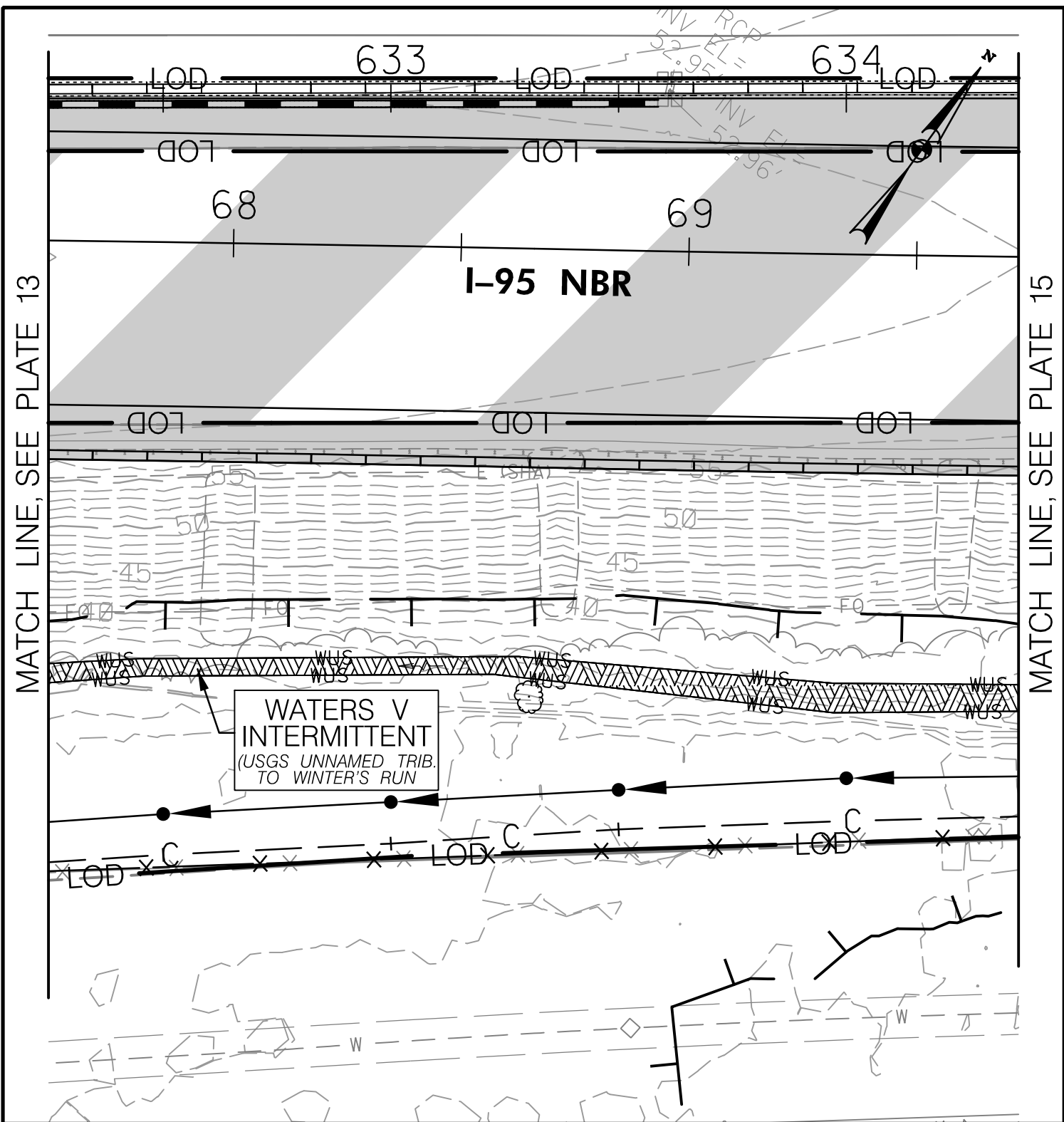
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 30'

CONTRACT NO.: KH3010-0000

DATE: OCTOBER 2020

PLATE 13 OF 19



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	SF	SF
PSS WETLAND	SF	SF
PEM WETLAND	SF	SF
PFO/PEM WETLAND	SF	SF
PERENNIAL WUS	LF/SF	LF/SF
INTERMITTENT WUS	LF/SF	213 LF/1,035 SF
EPHEMERAL WUS	LF/SF	LF/SF
WETLAND BUFFER	SF	SF
100-YEAR FLOODPLAIN	SF	10,607 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 MD 152 TO MD 24  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 30'

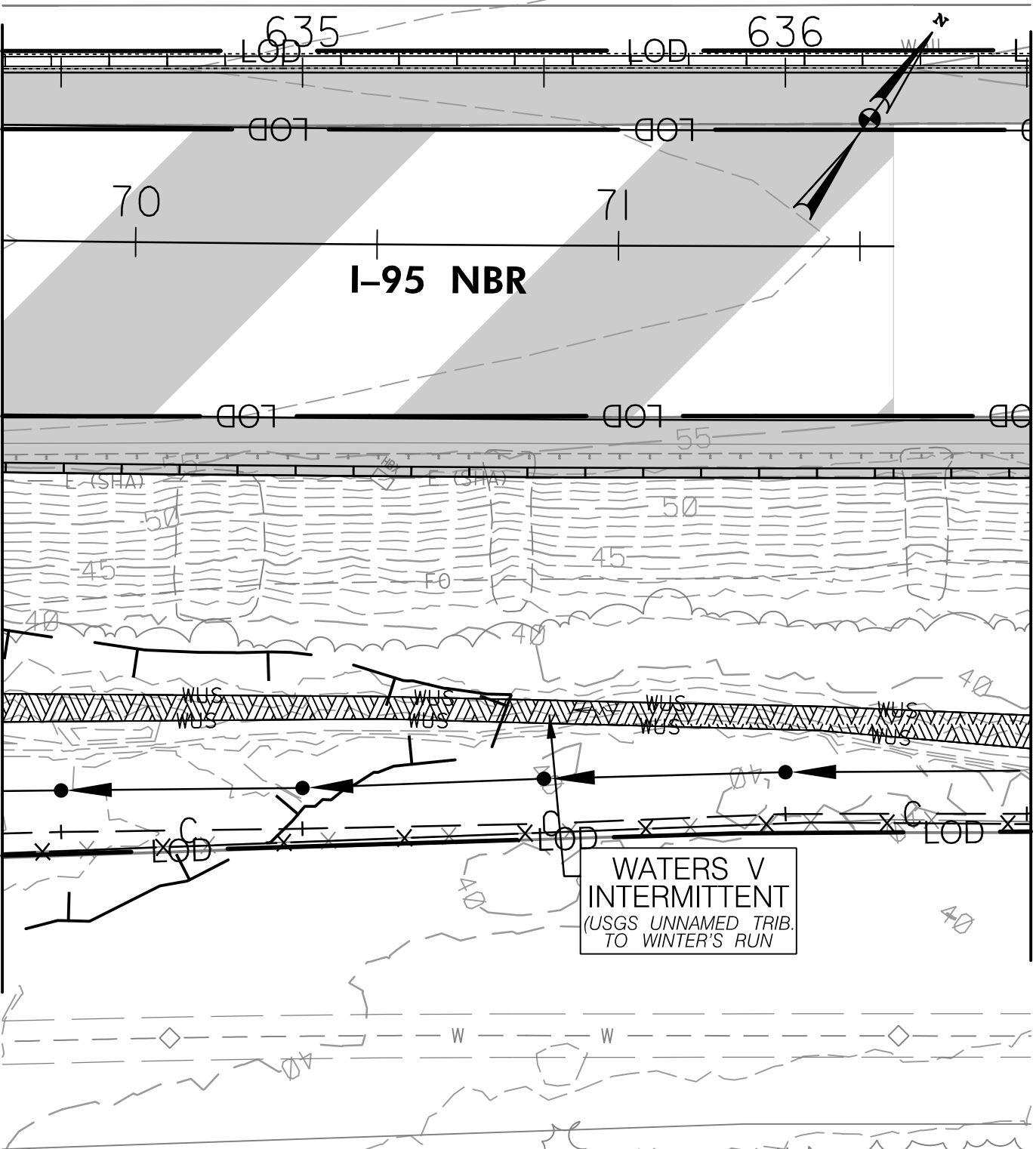
CONTRACT NO.: KH3010-0000

DATE: OCTOBER 2020

PLATE 14 OF 19

MATCH LINE, SEE PLATE 14

MATCH LINE, SEE PLATE 16



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	SF	SF
PSS WETLAND	SF	SF
PEM WETLAND	SF	SF
PFO/PEM WETLAND	SF	SF
PERENNIAL WUS	LF/SF	LF/SF
INTERMITTENT WUS	LF/SF	213 LF/1,110 SF
EPHEMERAL WUS	LF/SF	LF/SF
WETLAND BUFFER	SF	SF
100-YEAR FLOODPLAIN	SF	2,889 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 MD 152 TO MD 24  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 30'

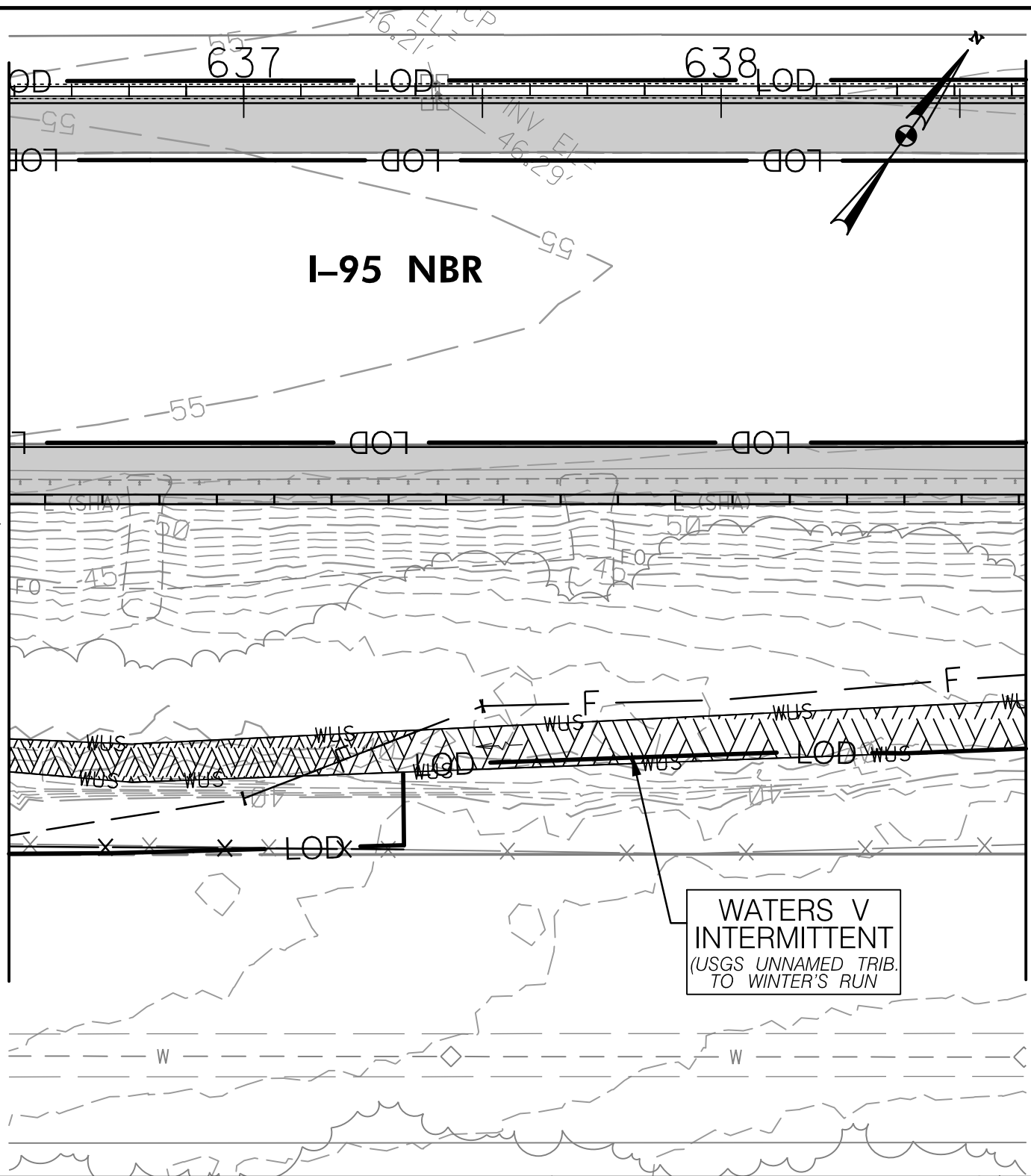
CONTRACT NO.: KH3010-0000

DATE: OCTOBER 2020

PLATE 15 OF 19

MATCH LINE, SEE PLATE 15

MATCH LINE, SEE PLATE 17



**IMPACTS ON THIS PLATE**

	TEMPORARY		PERMANENT	
		SF		SF
PFO WETLAND		SF		SF
PSS WETLAND		SF		SF
PEM WETLAND		SF		SF
PFO/PEM WETLAND		SF		SF
PERENNIAL WUS		LF/SF		LF/SF
INTERMITTENT WUS	127 LF/1,185 SF		86 LF/588 SF	
EPHEMERAL WUS		LF/SF		LF/SF
WETLAND BUFFER		SF		SF
100-YEAR FLOODPLAIN		SF		SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 MD 152 TO MD 24  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



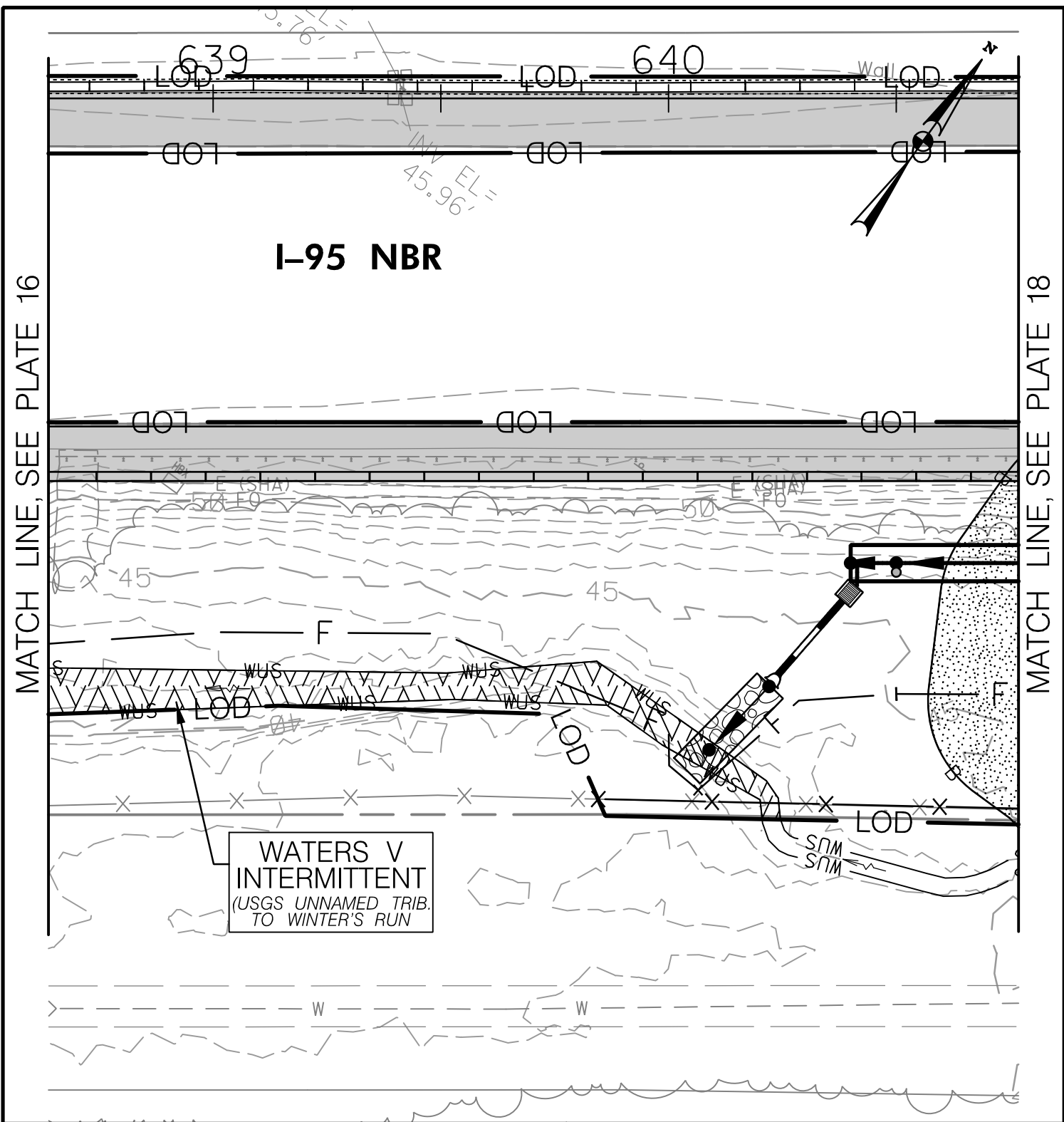
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 30'

CONTRACT NO.: KH3010-0000

DATE: OCTOBER 2020

PLATE 16 OF 19



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	SF	SF
PSS WETLAND	SF	SF
PEM WETLAND	SF	SF
PFO/PEM WETLAND	SF	SF
PERENNIAL WUS	LF/SF	LF/SF
INTERMITTENT WUS	165 LF/1,193 SF	10 LF/54 SF
EPHEMERAL WUS	LF/SF	LF/SF
WETLAND BUFFER	SF	1,111 SF
100-YEAR FLOODPLAIN	SF	SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 MD 152 TO MD 24  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



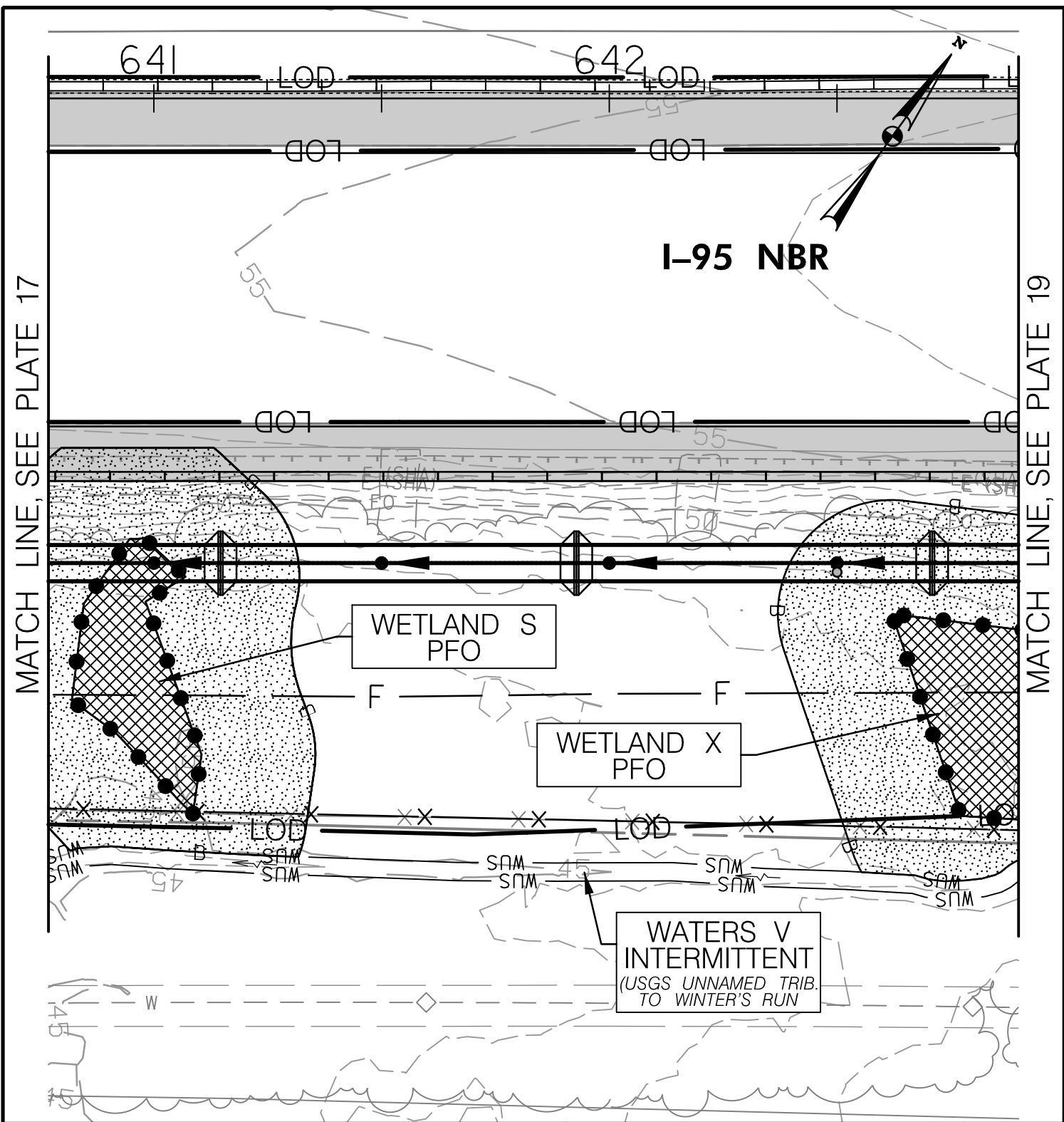
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 30'

CONTRACT NO.: KH3010-0000

DATE: OCTOBER 2020

PLATE 17 OF 19



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	SF	1,757 SF
PSS WETLAND	SF	SF
PEM WETLAND	SF	SF
PFO/PEM WETLAND	SF	SF
PERENNIAL WUS	LF/SF	LF/SF
INTERMITTENT WUS	LF/SF	LF/SF
EPHEMERAL WUS	LF/SF	LF/SF
WETLAND BUFFER	SF	6,663 SF
100-YEAR FLOODPLAIN	SF	SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 MD 152 TO MD 24  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 30'

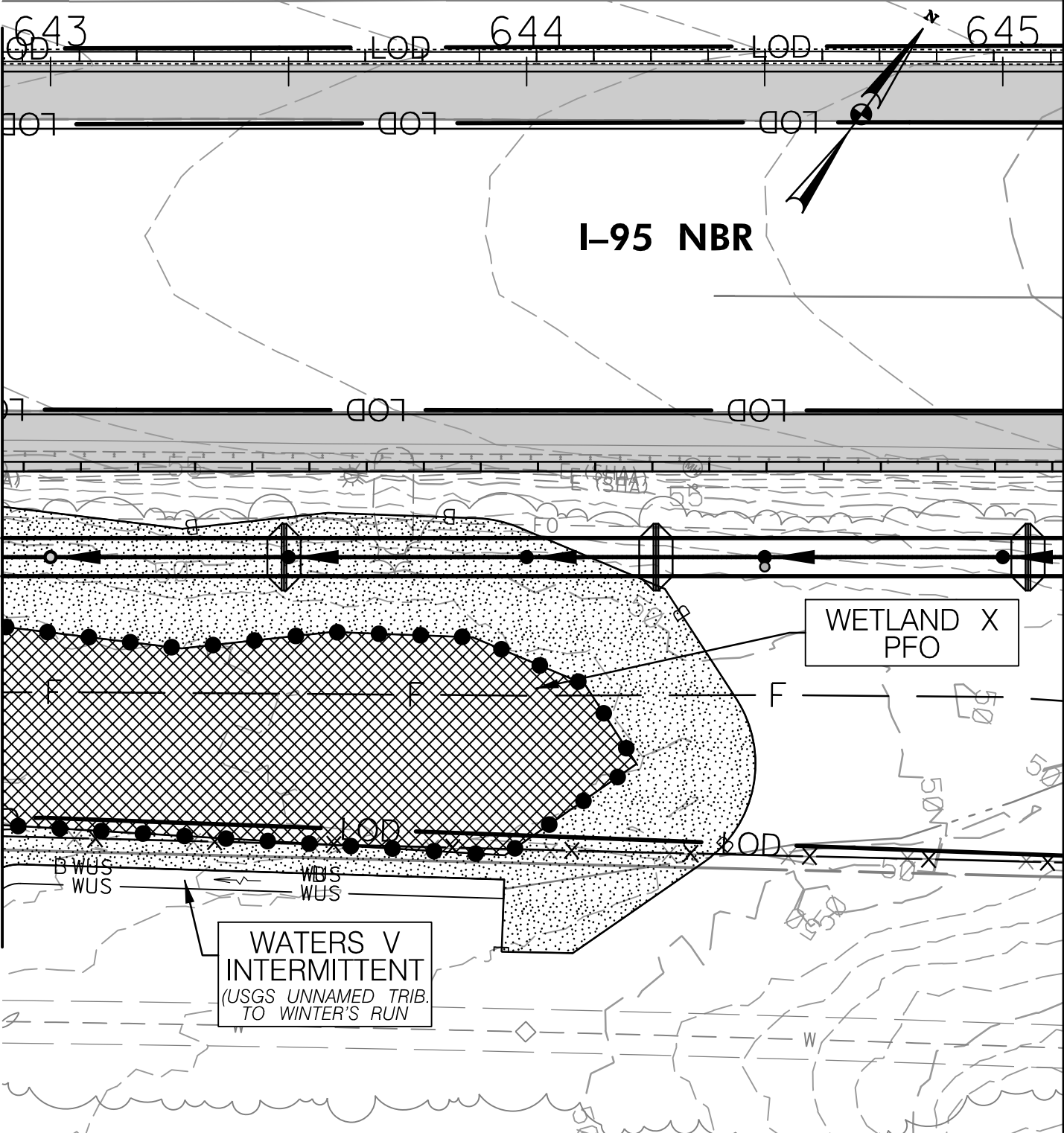
CONTRACT NO.: KH3010-0000

DATE: OCTOBER 2020

PLATE 18 OF 19



MATCH LINE, SEE PLATE 18



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	SF	5,182 SF
PSS WETLAND	SF	SF
PEM WETLAND	SF	SF
PFO/PEM WETLAND	SF	SF
PERENNIAL WUS	LF/SF	LF/SF
INTERMITTENT WUS	LF/SF	LF/SF
EPHEMERAL WUS	LF/SF	LF/SF
WETLAND BUFFER	SF	6,105 SF
100-YEAR FLOODPLAIN	SF	SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
MD 152 TO MD 24  
JOHN F. KENNEDY MEMORIAL HIGHWAY  
HARFORD COUNTY, MARYLAND



**MARYLAND  
TRANSPORTATION AUTHORITY**

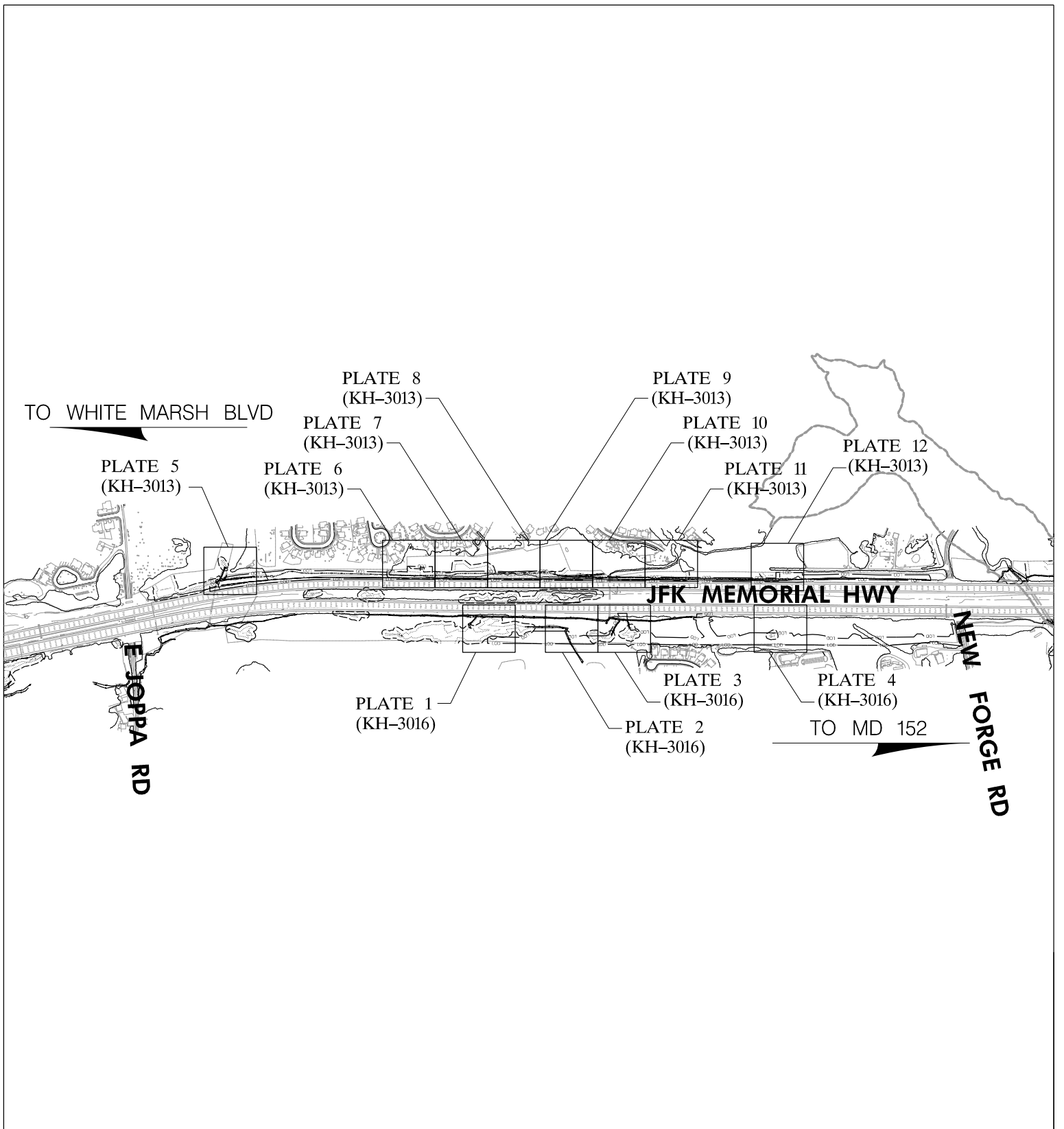
SCALE: 1" = 30'

CONTRACT NO.: KH3010-0000

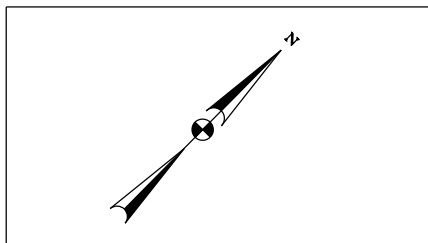
DATE: OCTOBER 2020

PLATE 19 OF 19





**LOCATION MAP**



**WETLAND AND WATERS  
OF THE U.S. IMPACTS**



SCALE: 1" = 1000'

**I-95 SECTION 100  
NOISE WALL**

CONTRACT NO.: KH-3013 KH-3016  
 COUNTY: BALTIMORE COUNTY  
 APPLICATION BY: MDTA  
 DATE: AUGUST 2020

KH-3016 I-95 Section 100 Noise Wall Wetland Impact Summary Table									
Plate No.	Resource ID	PEM Wetland		PFO Wetland		Vernal Pool Wetland		25-foot Wetland Buffer	
		Temporary	Permanent	Temporary	Permanent	Temporary	Permanent	Temporary	Permanent
		SF	SF	SF	SF	SF	SF	SF	SF
1	BRBR-WET1								1,260
2	GPJR-WET1				1,933				4,793
3	GPJR-WET1				1,498				6,990
3	WET J				3,716				9,515
4	WET K		91				420		4,565
<b>Total</b>		<b>0</b>	<b>91</b>	<b>0</b>	<b>7,147</b>	<b>0</b>	<b>420</b>	<b>0</b>	<b>27,123</b>

KH-3013 I-95 Section 100 Noise Wall Wetland Impact Summary Table									
Plate No.	Resource ID	PEM Wetland		PFO Wetland		Vernal Pool Wetland		25-foot Wetland Buffer	
		Temporary	Permanent	Temporary	Permanent	Temporary	Permanent	Temporary	Permanent
		SF	SF	SF	SF			SF	SF
5	BRBR-WET98				273				2823
6	GPJR-WET4				7,405			549	14,117
7	GPJR-WET4				21,483				19,288
8	GPJR-WET4				7,051				17,380
9	GPJR-WET4				3,661				10,184
10	GPJR-WET4								1,330
10	WET95A				1,214			134	3,118
11	WET95A				319				6,507
12	WET96A				628				3,518
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>42,034</b>	<b>0</b>	<b>0</b>	<b>683</b>	<b>78,265</b>

KH-3016 I-95 Section 100 Noise Wall WUS Impact Summary Table															
Plate/Plan Sheet No.	Resource ID	Perennial WUS				Intermittent WUS				Ephemeral WUS				100-Year Floodplain	
		Temporary		Permanent		Temporary		Permanent		Temporary		Permanent		Temporary	Permanent
		LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	SF	SF
2	GPJR-WUS3					12	99	76	624						
2	GPJR-WUS10B					5	30	15	68						
3	WUS O							66	213						
3	WUS P					59	473	3	4	4	19				
3	GPJR-WUS1A					6	46	9	17						
3	GPJR-WUS1B							136	688						
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>82</b>	<b>648</b>	<b>305</b>	<b>1,614</b>	<b>4</b>	<b>19</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

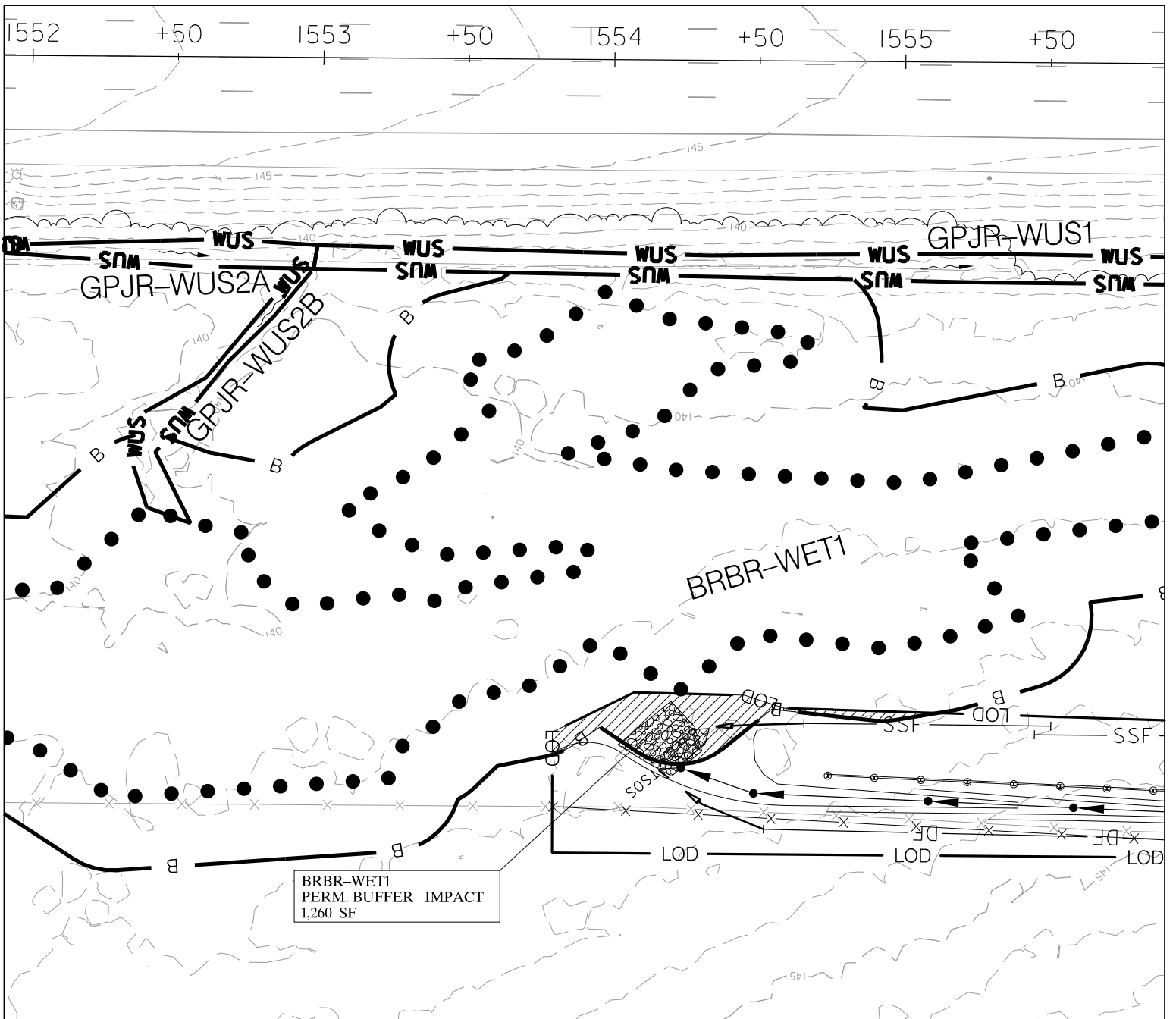
KH-3013 I-95 Section 100 Noise Wall WUS Impact Summary Table															
Plate/Plan Sheet No.	Resource ID	Perennial WUS				Intermittent WUS				Ephemeral WUS				100-Year Floodplain	
		Temporary		Permanent		Temporary		Permanent		Temporary		Permanent		Temporary	Permanent
		LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	SF	SF
5	BRBR-WUS9	12	35	47	236										
5	BRBR-WUS98	5	15	8	25										
5	BRBR-WUS99			28	118	96	503	146	773						
9	GPJR-WUS4	46	34	27	19										
10	GPJR-WUS1	3	21												
<b>Total</b>		<b>66</b>	<b>105</b>	<b>110</b>	<b>398</b>	<b>96</b>	<b>503</b>	<b>146</b>	<b>773</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## SUMMARY TABLE

WETLAND AND WATERS  
OF THE U.S. IMPACTS

I-95 SECTION 100  
NOISE WALL

CONTRACT NO.: KH-3013 KH-3016  
COUNTY: BALTIMORE COUNTY  
APPLICATION BY: MDTA  
DATE: AUGUST 2020



TEMPORARY ORANGE CONSTRUCTION FENCE DITCH LINE	— TOCF —				
WETLAND BUFFER	— B —	BMP FACILITY		EARTH DIKE	
WETLAND BOUNDARY	● ● ●	NOISE BARRIER		MOUNTABLE BERM	
LIMITS OF DISTURBANCE	— LOD —	RIPRAP		SILT FENCE	— SF —
WATERS OF THE U.S.	— WUS —	TREELINE		DIVERSION FENCE	— DF —
PUMPAROUND PRACTICE	⊙	FLOODPLAIN		INLET PROTECTION	
		SANDBAG DIKE		SUPER SILT FENCE	— SSF —

**LEGEND**

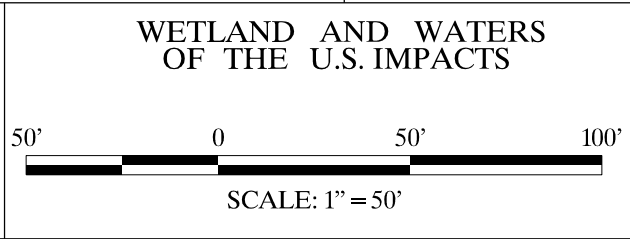
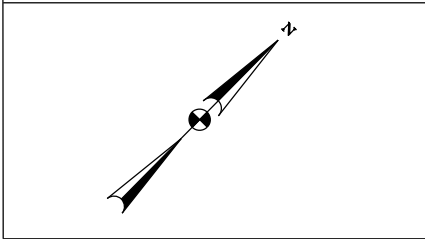
STABILIZED CONSTRUCTION ENTRANCE	
TEMPORARY GABIONSTONE OUTLET STRUCTURE	
POTABLE SEDIMENT TANK	
CLEAR WATER DIVERSION PIPE	
PROPOSED MAJOR CONTOUR	
PROPOSED MINOR CONTOUR	
FILTER BAG	

<b>IMPACTS TO WETLAND BUFFER</b>	
	PERMANENT IMPACTS TO WETLAND BUFFERS = 1,260 SF
	TEMPORARY IMPACTS TO WETLANDS BUFFER = 0 SF

<b>IMPACTS TO WETLANDS</b>	
	PERMANENT IMPACTS TO WETLAND = 0 SF
	TEMPORARY IMPACTS TO WETLANDS = 0 SF

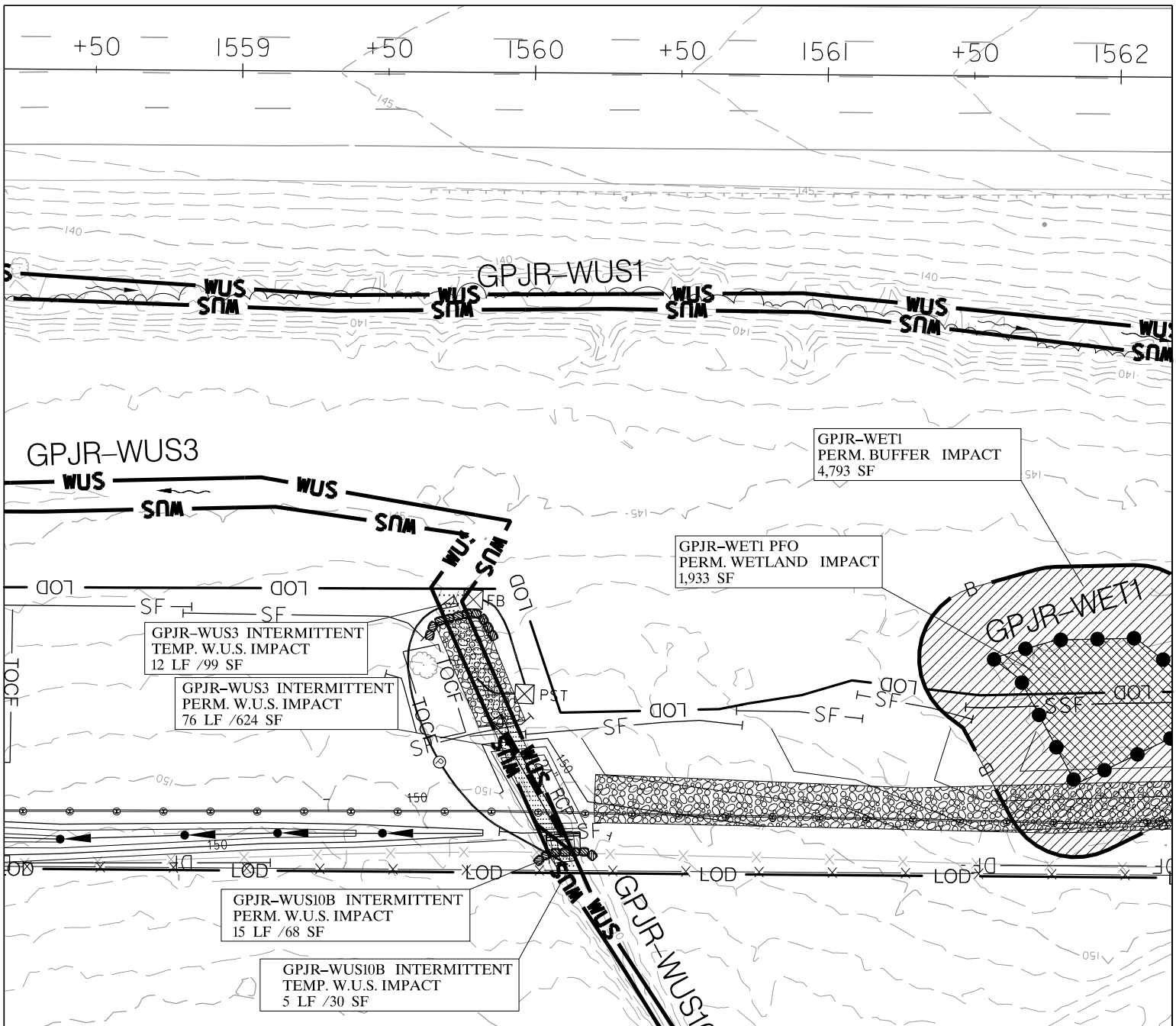
<b>IMPACTS TO WATERS OF THE U.S.</b>	
	PERMANENT IMPACTS TO WATERS OF THE U.S. = 0 LF / 0 SF
	TEMPORARY IMPACTS TO WATERS OF THE U.S. = 0 LF / 0 SF

<b>IMPACTS 100-YEAR FLOODPLAIN</b>	
	PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 0 SF
	TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN = 0 SF



**I-95 SECTION 100 NOISE WALL**

CONTRACT NO.: KH-3016  
 COUNTY: BALTIMORE COUNTY  
 APPLICATION BY: MDTA  
 DATE: AUGUST 2020  
 PLATE NO.: 1



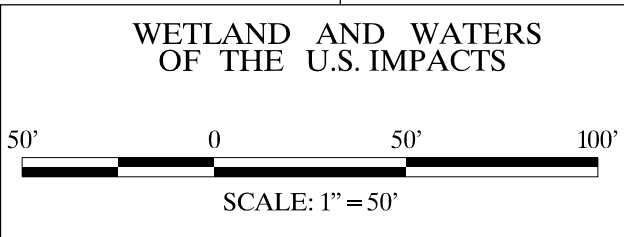
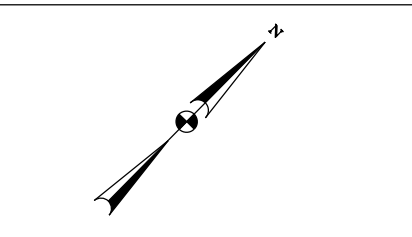
TEMPORARY ORANGE CONSTRUCTION FENCE DITCH LINE		LEGEND		STABILIZED CONSTRUCTION ENTRANCE	
— TOCF —	— TOCF —	— B —	— B —	— SCE —	— SCE —
WETLAND BUFFER	● ● ●	— B —	— B —	TEMPORARY GABIONSTONE OUTLET STRUCTURE	— GST —
WETLAND BOUNDARY	● ● ●	— RIPRAP —	— RIPRAP —	POTABLE SEDIMENT TANK	— PST —
LIMITS OF DISTURBANCE	— LOD —	— TREELINE —	— TREELINE —	CLEAR WATER DIVERSION PIPE	— CWD —
WATERS OF THE U.S.	— WUS —	— FLOODPLAIN —	— FLOODPLAIN —	PROPOSED MAJOR CONTOUR	— MC —
PUMPAROUND PRACTICE	— P —	— SANDBAG DIKE —	— SANDBAG DIKE —	PROPOSED MINOR CONTOUR	— MNC —
				FILTER BAG	— FB —

IMPACTS TO WETLAND BUFFER	
▨ PERMANENT IMPACTS TO WETLAND BUFFERS=	4,793 SF
▧ TEMPORARY IMPACTS TO WETLANDS BUFFER=	0 SF

IMPACTS TO WETLANDS	
▨ PERMANENT IMPACTS TO WETLAND=	1,933 SF
▧ TEMPORARY IMPACTS TO WETLANDS=	0 SF

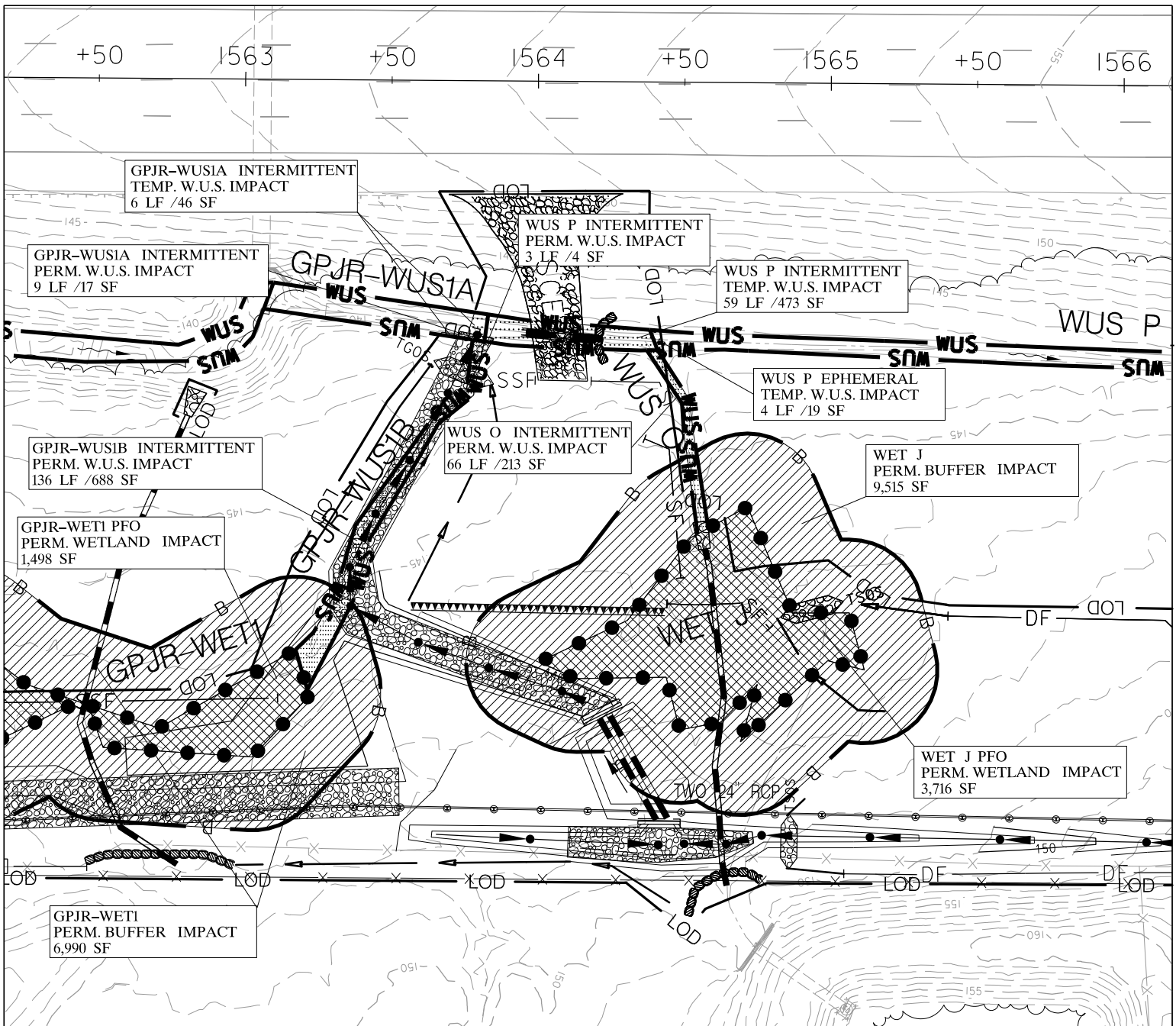
IMPACTS TO WATERS OF THE U.S.	
▨ PERMANENT IMPACTS TO WATERS OF THE U.S.=	91 LF / 692 SF
▧ TEMPORARY IMPACTS TO WATERS OF THE U.S.=	17 LF / 129 SF

IMPACTS 100-YEAR FLOODPLAIN	
▨ PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN=	0 SF
▧ TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN=	0 SF



**I-95 SECTION 100 NOISE WALL**

CONTRACT NO.: KH-3016  
 COUNTY: BALTIMORE COUNTY  
 APPLICATION BY: MDTA  
 DATE: AUGUST 2020  
 PLATE NO.: 2



TEMPORARY ORANGE CONSTRUCTION FENCE DITCH LINE		TOCF		BMP FACILITY		EARTH DIKE		STABILIZED CONSTRUCTION ENTRANCE	
WETLAND BUFFER		B		NOISE BARRIER		MOUNTABLE BERM		TEMPORARY GABIONSTONE OUTLET STRUCTURE	
WETLAND BOUNDARY		● ● ●		RIPRAP		SILT FENCE		POTABLE SEDIMENT TANK	
LIMITS OF DISTURBANCE		LOD		TREELINE		DIVERSION FENCE		CLEAR WATER DIVERSION PIPE	
WATERS OF THE U.S.		WUS		FLOODPLAIN		INLET PROTECTION		PROPOSED MAJOR CONTOUR	
PUMPAROUND PRACTICE		⊕		SANDBAG DIKE		SUPER SILT FENCE		PROPOSED MINOR CONTOUR	
								FILTER BAG	

**LEGEND**

**IMPACTS TO WETLAND BUFFER**

▨	PERMANENT IMPACTS TO WETLAND BUFFERS=	16,505 SF
▧	TEMPORARY IMPACTS TO WETLANDS BUFFER=	0 SF

**IMPACTS TO WETLANDS**

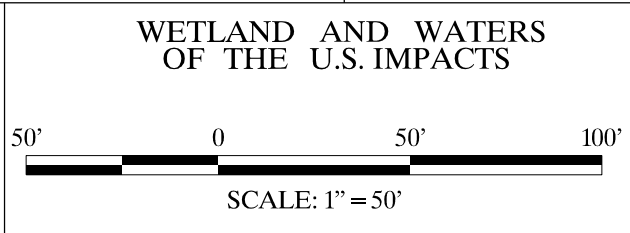
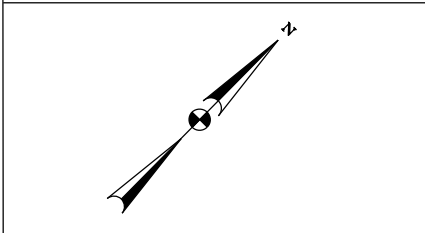
▩	PERMANENT IMPACTS TO WETLAND=	5,214 SF
▨	TEMPORARY IMPACTS TO WETLANDS=	0 SF

**IMPACTS TO WATERS OF THE U.S.**

▨	PERMANENT IMPACTS TO WATERS OF THE U.S.=	214 LF /922 SF
▧	TEMPORARY IMPACTS TO WATERS OF THE U.S.=	69 LF /538 SF

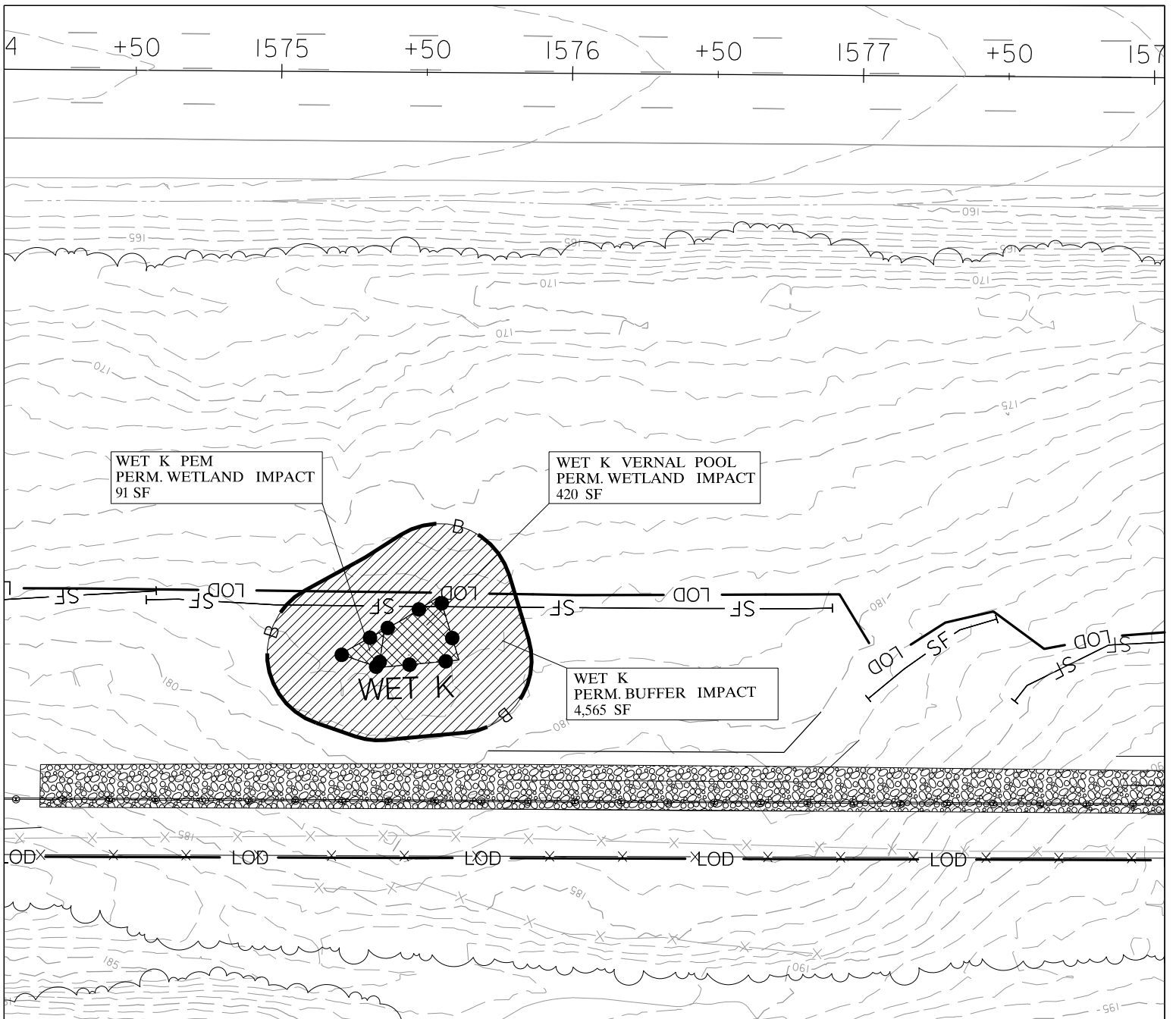
**IMPACTS 100-YEAR FLOODPLAIN**

▨	PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN=	0 SF
▧	TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN=	0 SF



**I-95 SECTION 100 NOISE WALL**

CONTRACT NO.: KH-3016  
 COUNTY: BALTIMORE COUNTY  
 APPLICATION BY: MDTA  
 DATE: AUGUST 2020  
 PLATE NO.: 3



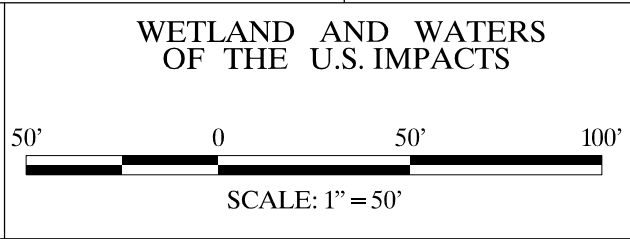
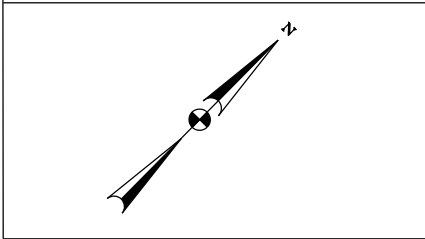
TEMPORARY ORANGE CONSTRUCTION FENCE DITCH LINE		WETLAND BUFFER		WETLAND BOUNDARY		LIMITS OF DISTURBANCE		WATERS OF THE U.S.		PUMPAROUND PRACTICE		LEGEND		STABILIZED CONSTRUCTION ENTRANCE	
— TOCF —	— B —	● ● ●	— LOD —	— WUS —	⊙	— TOCF —	●	— LOD —	— WUS —	⊙	— TOCF —	●	— LOD —	— WUS —	⊙
— TOCF —	— B —	● ● ●	— LOD —	— WUS —	⊙	— TOCF —	●	— LOD —	— WUS —	⊙	— TOCF —	●	— LOD —	— WUS —	⊙
— TOCF —	— B —	● ● ●	— LOD —	— WUS —	⊙	— TOCF —	●	— LOD —	— WUS —	⊙	— TOCF —	●	— LOD —	— WUS —	⊙
— TOCF —	— B —	● ● ●	— LOD —	— WUS —	⊙	— TOCF —	●	— LOD —	— WUS —	⊙	— TOCF —	●	— LOD —	— WUS —	⊙

IMPACTS TO WETLAND BUFFER	
▨	PERMANENT IMPACTS TO WETLAND BUFFERS = 4,565 SF
▧	TEMPORARY IMPACTS TO WETLANDS BUFFER = 0 SF

IMPACTS TO WETLANDS	
▨	PERMANENT IMPACTS TO WETLAND = 511 SF
▧	TEMPORARY IMPACTS TO WETLANDS = 0 SF

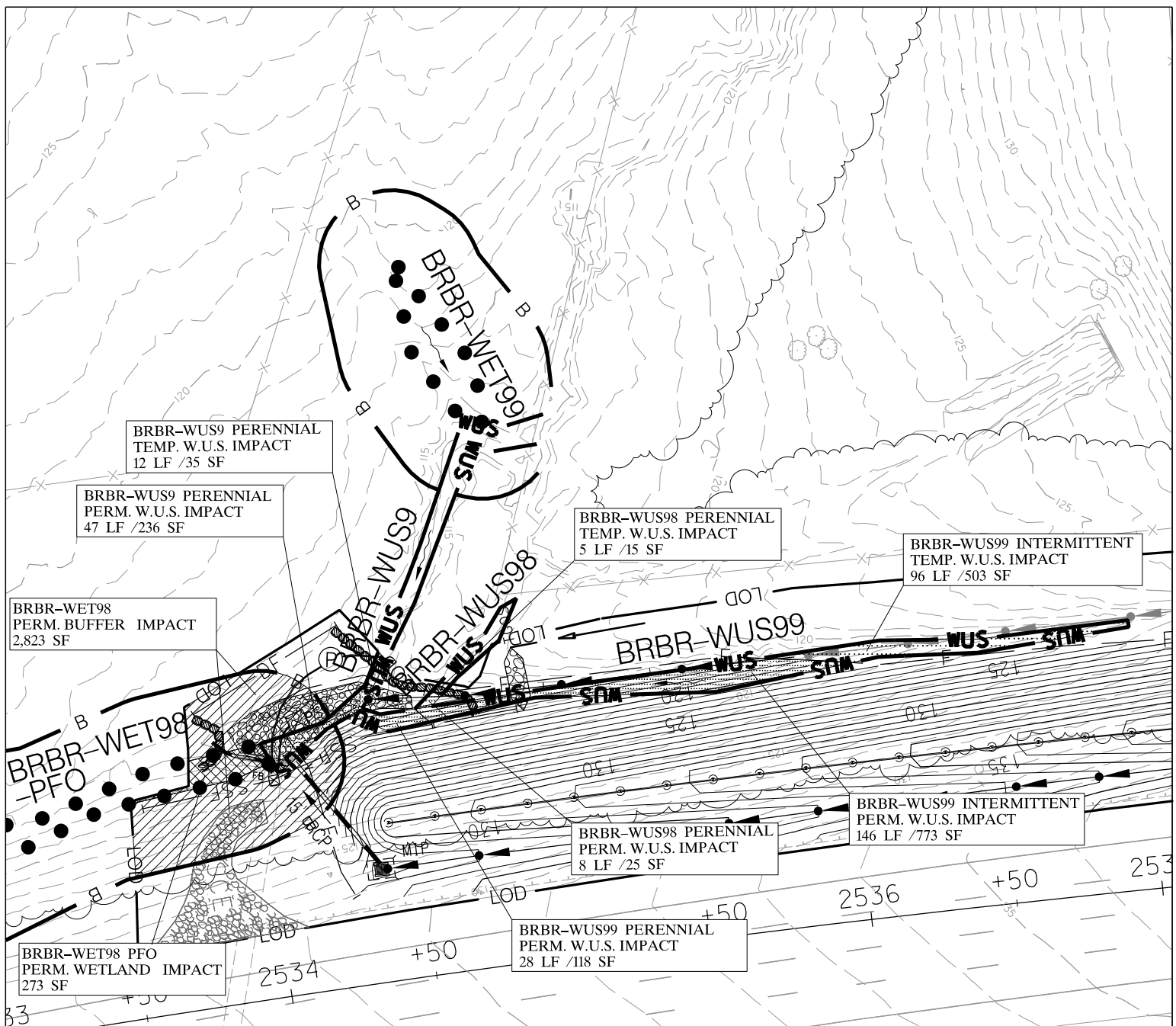
IMPACTS TO WATERS OF THE U.S.	
▨	PERMANENT IMPACTS TO WATERS OF THE U.S. = 0 LF / 0 SF
▧	TEMPORARY IMPACTS TO WATERS OF THE U.S. = 0 LF / 0 SF

IMPACTS 100-YEAR FLOODPLAIN	
▨	PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 0 SF
▧	TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN = 0 SF



**I-95 SECTION 100 NOISE WALL**

CONTRACT NO.: KH-3016  
 COUNTY: BALTIMORE COUNTY  
 APPLICATION BY: MDTA  
 DATE: AUGUST 2020  
 PLATE NO.: 4



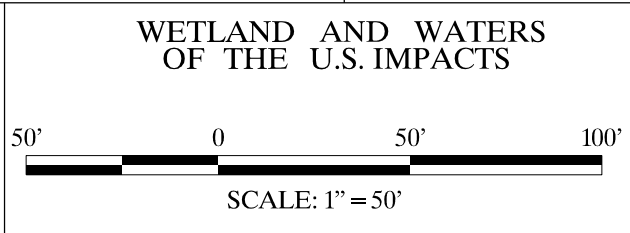
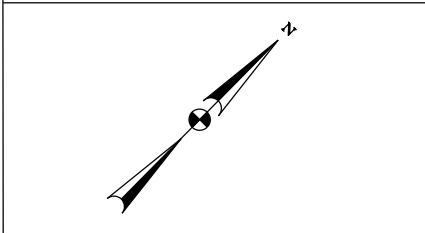
TEMPORARY ORANGE CONSTRUCTION FENCE DITCH LINE		WETLAND BUFFER		WETLAND BOUNDARY		LIMITS OF DISTURBANCE		WATERS OF THE U.S.		PUMPAROUND PRACTICE		LEGEND		STABILIZED CONSTRUCTION ENTRANCE		TEMPORARY GABIONSTONE OUTLET STRUCTURE		POTABLE SEDIMENT TANK		CLEAR WATER DIVERSION PIPE		PROPOSED MAJOR CONTOUR		PROPOSED MINOR CONTOUR		FILTER BAG		
— TOCF —	— B —	● ● ● ●	— LOD —	— WUS —	⊙	— BMP FACILITY	— NOISE BARRIER	— RIPRAP	— TREELINE	— FLOODPLAIN	— SANDBAG DIKE	— EARTH DIKE	— MOUNTABLE BERM	— SILT FENCE	— DIVERSION FENCE	— INLET PROTECTION	— SUPER SILT FENCE	— SCE	— PST	—	—	—	—	—	—	—	—	—

IMPACTS TO WETLAND BUFFER	
▨	PERMANENT IMPACTS TO WETLAND BUFFERS = 2,823 SF
▧	TEMPORARY IMPACTS TO WETLANDS BUFFER = 0 SF

IMPACTS TO WETLANDS	
▩	PERMANENT IMPACTS TO WETLAND = 273 SF
▨	TEMPORARY IMPACTS TO WETLANDS = 0 SF

IMPACTS TO WATERS OF THE U.S.	
▨	PERMANENT IMPACTS TO WATERS OF THE U.S. = 229 LF / 1,152 SF
▧	TEMPORARY IMPACTS TO WATERS OF THE U.S. = 113 LF / 553 SF

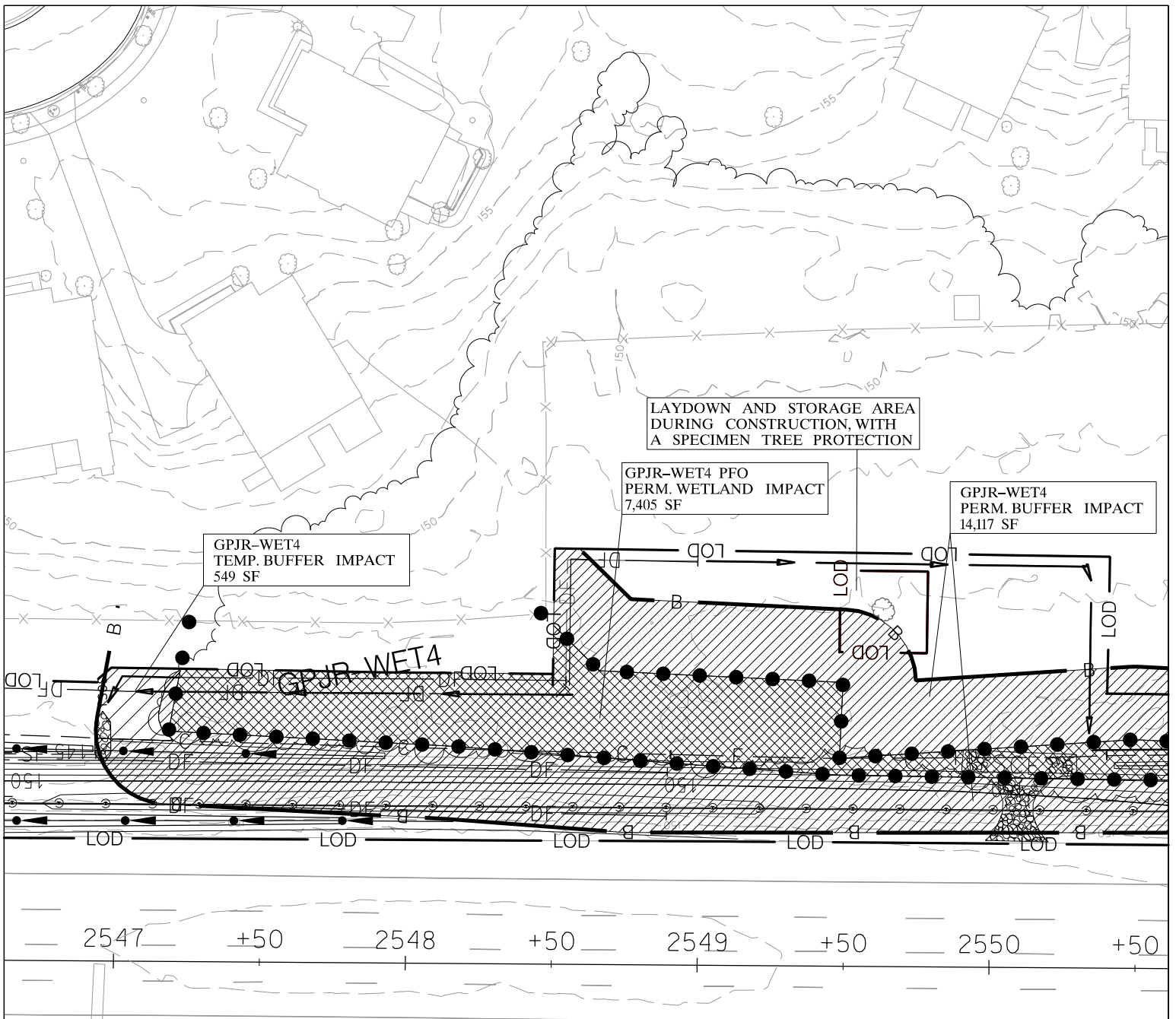
IMPACTS 100-YEAR FLOODPLAIN	
▨	PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 0 SF
▧	TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN = 0 SF



**I-95 SECTION 100 NOISE WALL**

CONTRACT NO.: KH-3013  
 COUNTY: BALTIMORE COUNTY  
 APPLICATION BY: MDTA  
 DATE: AUGUST 2020  
 PLATE NO.: 5





TEMPORARY ORANGE CONSTRUCTION FENCE DITCH LINE



WETLAND BUFFER



WETLAND BOUNDARY



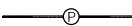
LIMITS OF DISTURBANCE



WATERS OF THE U.S.



PUMPAROUND PRACTICE



TOCF



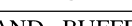
NOISE BARRIER



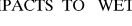
RIPRAP



TREELINE



FLOODPLAIN



SANDBAG DIKE



**LEGEND**

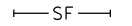
EARTH DIKE



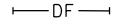
MOUNTABLE BERM



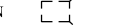
SILT FENCE



DIVERSION FENCE



INLET PROTECTION



SUPER SILT FENCE



STABILIZED CONSTRUCTION ENTRANCE



TEMPORARY GABIONSTONE OUTLET STRUCTURE



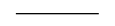
POTABLE SEDIMENT TANK



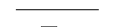
CLEAR WATER DIVERSION PIPE



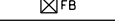
PROPOSED MAJOR CONTOUR



PROPOSED MINOR CONTOUR



FILTER BAG



**IMPACTS TO WETLAND BUFFER**

	PERMANENT IMPACTS TO WETLAND BUFFERS=	14,117 SF
	TEMPORARY IMPACTS TO WETLANDS BUFFER=	549 SF

**IMPACTS TO WETLANDS**

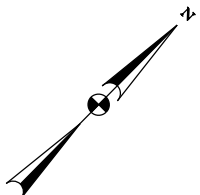
	PERMANENT IMPACTS TO WETLAND=	7,405 SF
	TEMPORARY IMPACTS TO WETLANDS=	0 SF

**IMPACTS TO WATERS OF THE U.S.**

	PERMANENT IMPACTS TO WATERS OF THE U.S.=	0 LF /0 SF
	TEMPORARY IMPACTS TO WATERS OF THE U.S.=	0 LF /0 SF

**IMPACTS 100-YEAR FLOODPLAIN**

	PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN=	0 SF
	TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN=	0 SF



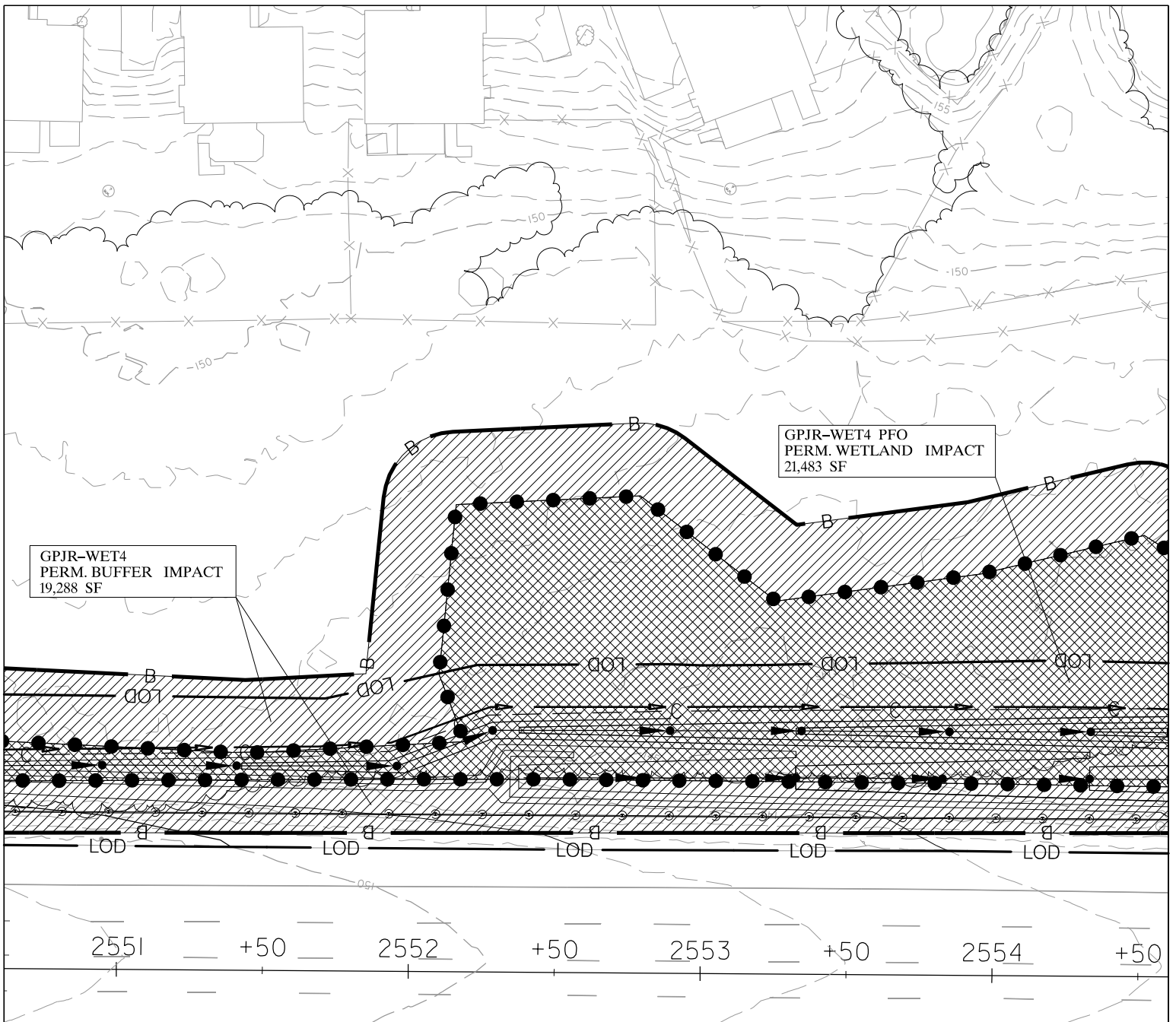
**WETLAND AND WATERS OF THE U.S. IMPACTS**



SCALE: 1" = 50'

**I-95 SECTION 100 NOISE WALL**

CONTRACT NO.: KH-3013  
 COUNTY: BALTIMORE COUNTY  
 APPLICATION BY: MDTA  
 DATE: AUGUST 2020  
 PLATE NO.: 6



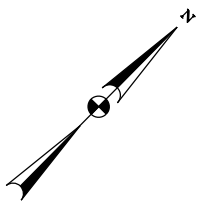
TEMPORARY ORANGE CONSTRUCTION FENCE DITCH LINE		WETLAND BUFFER		WETLAND BOUNDARY		LIMITS OF DISTURBANCE		WATERS OF THE U.S.		PUMPAROUND PRACTICE		LEGEND		STABILIZED CONSTRUCTION ENTRANCE														
— TOCF —	— TOCF —	— B —	— B —	● ● ●	● ● ●	— LOD —	— LOD —	— WUS —	— WUS —	⊕	⊕	— BMP FACILITY	— NOISE BARRIER	— RIPRAP	— TREELINE	— FLOODPLAIN	— SANDBAG DIKE	— EARTH DIKE	— MOUNTABLE BERM	— SILT FENCE	— DIVERSION FENCE	— INLET PROTECTION	— SUPER SILT FENCE	— POTABLE SEDIMENT TANK	— CLEAR WATER DIVERSION PIPE	— PROPOSED MAJOR CONTOUR	— PROPOSED MINOR CONTOUR	— FILTER BAG

IMPACTS TO WETLAND BUFFER	
▨	PERMANENT IMPACTS TO WETLAND BUFFERS = 19,288 SF
▧	TEMPORARY IMPACTS TO WETLANDS BUFFER = 0 SF

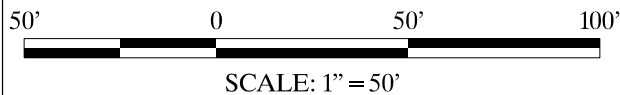
IMPACTS TO WETLANDS	
▩	PERMANENT IMPACTS TO WETLAND = 21,483 SF
▨	TEMPORARY IMPACTS TO WETLANDS = 0 SF

IMPACTS TO WATERS OF THE U.S.	
▩	PERMANENT IMPACTS TO WATERS OF THE U.S. = 0 LF / 0 SF
▨	TEMPORARY IMPACTS TO WATERS OF THE U.S. = 0 LF / 0 SF

IMPACTS 100-YEAR FLOODPLAIN	
▩	PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 0 SF
▨	TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN = 0 SF

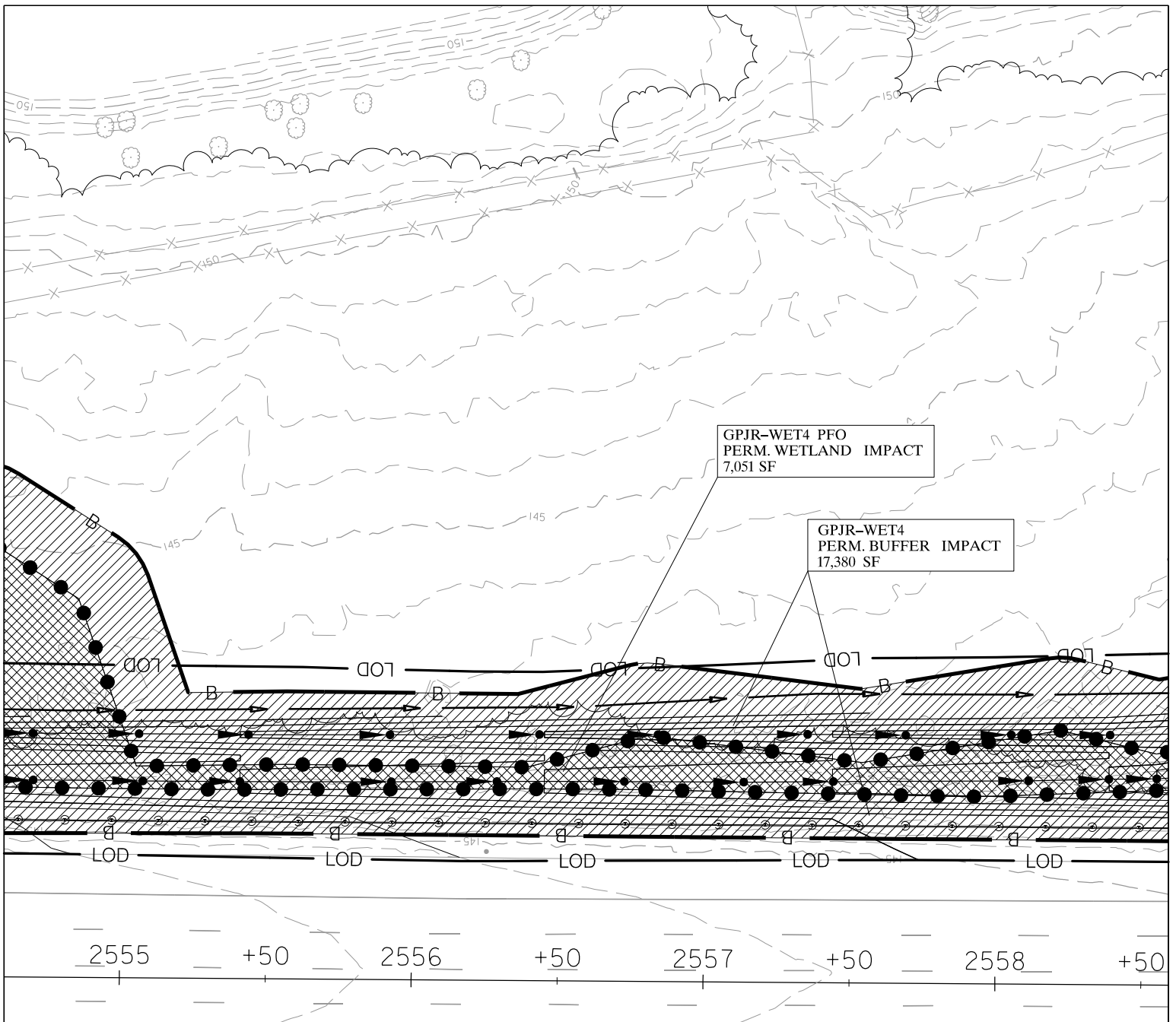


**WETLAND AND WATERS OF THE U.S. IMPACTS**



**I-95 SECTION 100 NOISE WALL**

CONTRACT NO.: KH-3013  
 COUNTY: BALTIMORE COUNTY  
 APPLICATION BY: MDTA  
 DATE: AUGUST 2020  
 PLATE NO.: 7



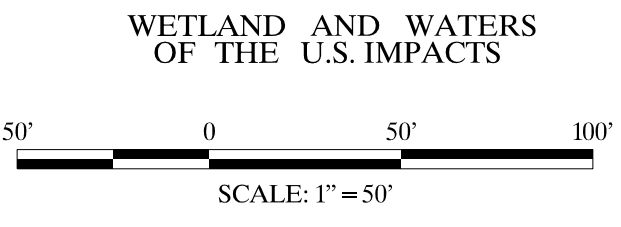
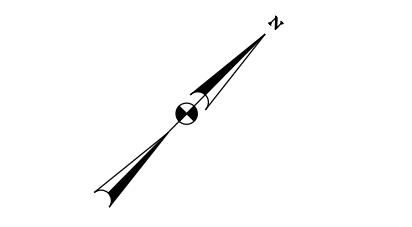
TEMPORARY ORANGE CONSTRUCTION FENCE DITCH LINE		WETLAND BUFFER		WETLAND BOUNDARY		LIMITS OF DISTURBANCE		WATERS OF THE U.S.		PUMPAROUND PRACTICE		LEGEND		STABILIZED CONSTRUCTION ENTRANCE									
— TOCF —	— TOCF —	— B —	— B —	● ● ●	● ● ●	— LOD —	— LOD —	— WUS —	— WUS —	⊙	⊙	— EARTH DIKE —	— MOUNTABLE BERM —	— SF —	— DF —	— INLET PROTECTION —	— SUPER SILT FENCE —	— SCE —	— TGS —	— PST —	— CWD —	— PM —	— FB —
— TOCF —	— TOCF —	— B —	— B —	● ● ●	● ● ●	— LOD —	— LOD —	— WUS —	— WUS —	⊙	⊙	— EARTH DIKE —	— MOUNTABLE BERM —	— SF —	— DF —	— INLET PROTECTION —	— SUPER SILT FENCE —	— SCE —	— TGS —	— PST —	— CWD —	— PM —	— FB —
— TOCF —	— TOCF —	— B —	— B —	● ● ●	● ● ●	— LOD —	— LOD —	— WUS —	— WUS —	⊙	⊙	— EARTH DIKE —	— MOUNTABLE BERM —	— SF —	— DF —	— INLET PROTECTION —	— SUPER SILT FENCE —	— SCE —	— TGS —	— PST —	— CWD —	— PM —	— FB —

IMPACTS TO WETLAND BUFFER	
▨	PERMANENT IMPACTS TO WETLAND BUFFERS = 17,380 SF
▧	TEMPORARY IMPACTS TO WETLANDS BUFFER = 0 SF

IMPACTS TO WETLANDS	
▩	PERMANENT IMPACTS TO WETLAND = 7,051 SF
▨	TEMPORARY IMPACTS TO WETLANDS = 0 SF

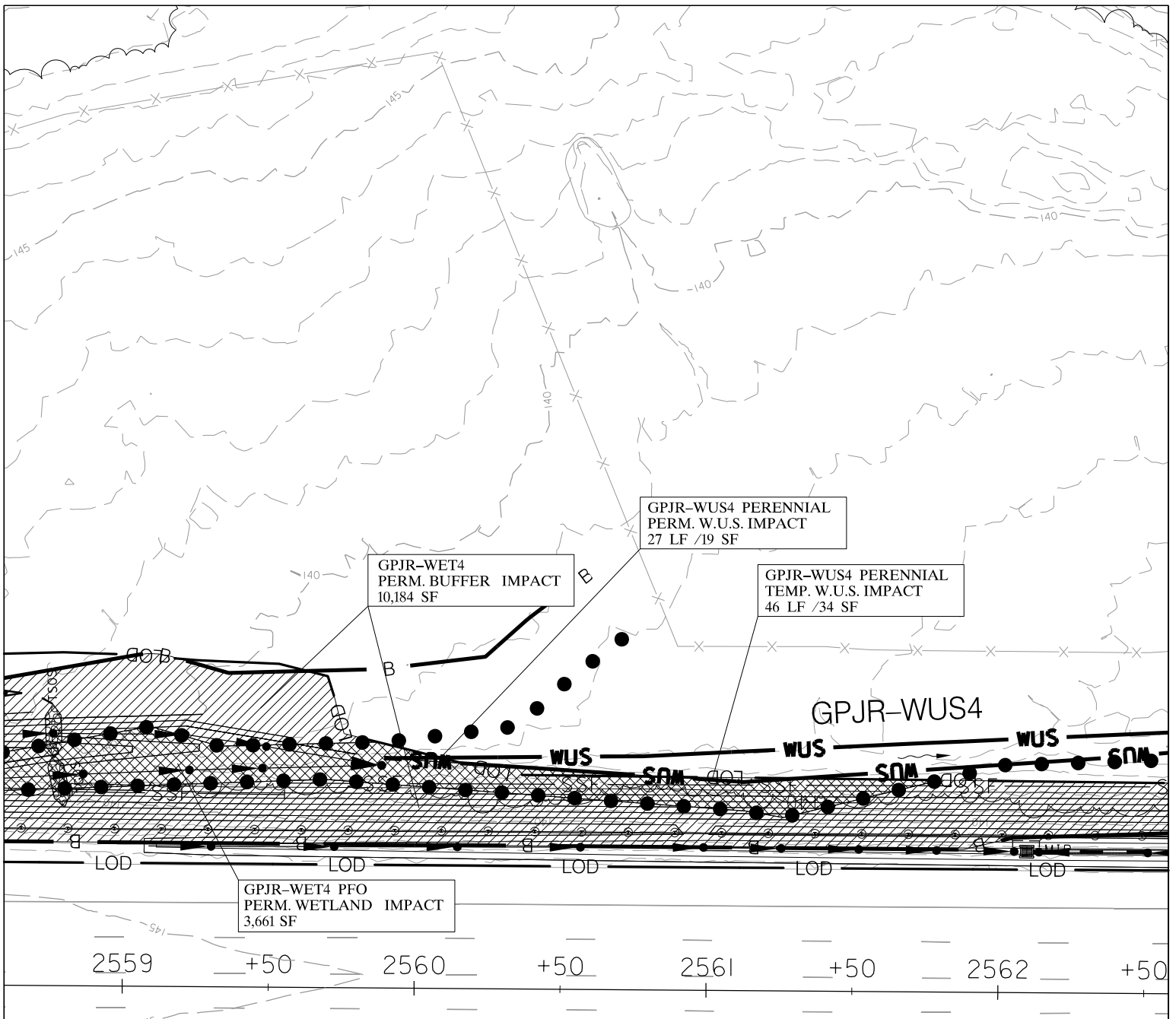
IMPACTS TO WATERS OF THE U.S.	
▩	PERMANENT IMPACTS TO WATERS OF THE U.S. = 0 LF / 0 SF
▨	TEMPORARY IMPACTS TO WATERS OF THE U.S. = 0 LF / 0 SF

IMPACTS 100-YEAR FLOODPLAIN	
▩	PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 0 SF
▨	TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN = 0 SF



**I-95 SECTION 100 NOISE WALL**

CONTRACT NO.: KH-3013  
 COUNTY: BALTIMORE COUNTY  
 APPLICATION BY: MDTA  
 DATE: AUGUST 2020  
 PLATE NO.: 8



TEMPORARY ORANGE CONSTRUCTION FENCE DITCH LINE	— TOCF —	— B —	● ● ● ●	— LOD —	— WUS —	— P —	— LOD —	— WUS —	— P —
WETLAND BUFFER	— B —	● ● ● ●	— LOD —	— WUS —	— P —	— LOD —	— WUS —	— P —	— LOD —
WETLAND BOUNDARY	● ● ● ●	— LOD —	— WUS —	— P —	— LOD —	— WUS —	— P —	— LOD —	— WUS —
LIMITS OF DISTURBANCE	— LOD —	— WUS —	— P —	— LOD —	— WUS —	— P —	— LOD —	— WUS —	— P —
WATERS OF THE U.S.	— WUS —	— P —	— LOD —	— WUS —	— P —	— LOD —	— WUS —	— P —	— LOD —
PUMPAROUND PRACTICE	— P —	— LOD —	— WUS —	— P —	— LOD —	— WUS —	— P —	— LOD —	— WUS —

**LEGEND**

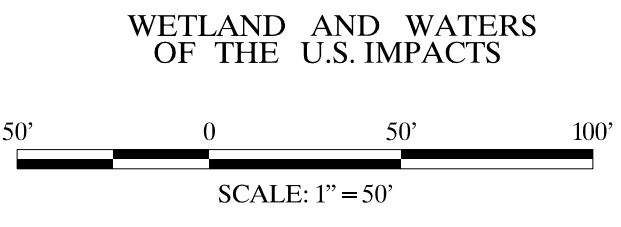
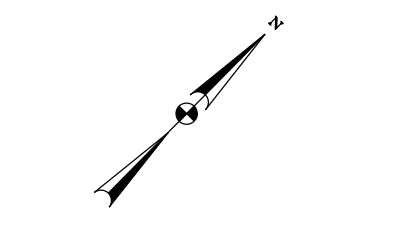
TEMPORARY ORANGE CONSTRUCTION FENCE DITCH LINE	— TOCF —	STABILIZED CONSTRUCTION ENTRANCE	— SCE —
WETLAND BUFFER	— B —	TEMPORARY GABIONSTONE OUTLET STRUCTURE	— GOS —
WETLAND BOUNDARY	● ● ● ●	POTABLE SEDIMENT TANK	— PST —
LIMITS OF DISTURBANCE	— LOD —	CLEAR WATER DIVERSION PIPE	— CWD —
WATERS OF THE U.S.	— WUS —	PROPOSED MAJOR CONTOUR	— MC —
PUMPAROUND PRACTICE	— P —	PROPOSED MINOR CONTOUR	— MNC —
BMP FACILITY	● ● ● ●	FILTER BAG	— FB —
NOISE BARRIER	— NB —		
RIPRAP	— R —		
TREELINE	— T —		
FLOODPLAIN	— F —		
SANDBAG DIKE	— S —		
EARTH DIKE	— ED —		
MOUNTABLE BERM	— MB —		
SILT FENCE	— SF —		
DIVERSION FENCE	— DF —		
INLET PROTECTION	— IP —		
SUPER SILT FENCE	— SSF —		

<b>IMPACTS TO WETLAND BUFFER</b>	
PERMANENT IMPACTS TO WETLAND BUFFERS =	10,184 SF
TEMPORARY IMPACTS TO WETLANDS BUFFER =	0 SF

<b>IMPACTS TO WETLANDS</b>	
PERMANENT IMPACTS TO WETLAND =	3,661 SF
TEMPORARY IMPACTS TO WETLANDS =	0 SF

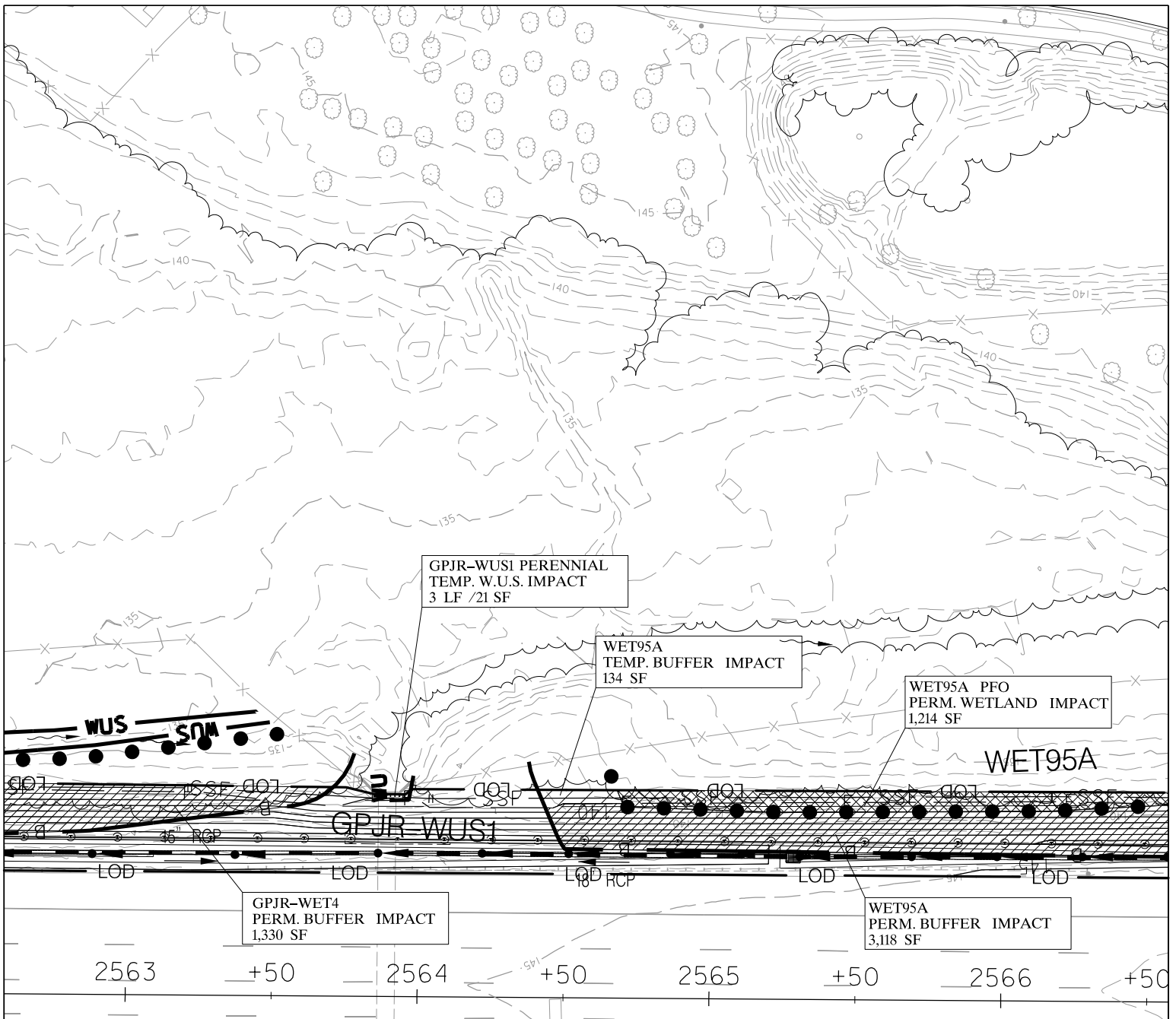
<b>IMPACTS TO WATERS OF THE U.S.</b>	
PERMANENT IMPACTS TO WATERS OF THE U.S. =	27 LF / 19 SF
TEMPORARY IMPACTS TO WATERS OF THE U.S. =	46 LF / 34 SF

<b>IMPACTS 100-YEAR FLOODPLAIN</b>	
PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN =	0 SF
TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN =	0 SF



**I-95 SECTION 100 NOISE WALL**

CONTRACT NO.: KH-3013  
 COUNTY: BALTIMORE COUNTY  
 APPLICATION BY: MDTA  
 DATE: AUGUST 2020  
 PLATE NO.: 9



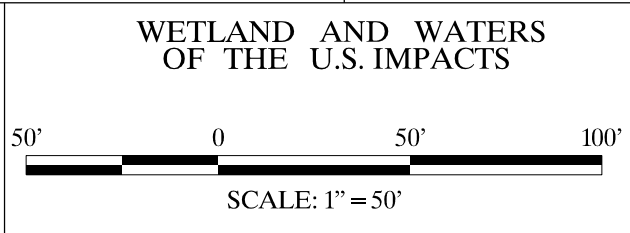
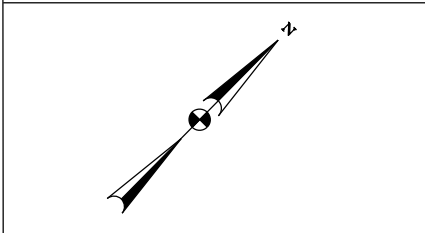
LEGEND			
TEMPORARY ORANGE CONSTRUCTION FENCE DITCH LINE	— TOCF —	WETLAND BUFFER	— B —
WETLAND BOUNDARY	● ● ● ●	WETLAND BOUNDARY	● ● ● ●
LIMITS OF DISTURBANCE	— LOD —	WATERS OF THE U.S.	— WUS —
PUMPAROUND PRACTICE	⊙	WATERS OF THE U.S.	— WUS —
BMP FACILITY	●	NOISE BARRIER	— [ ] —
RIPRAP	⊗	RIPRAP	⊗
TREELINE	— [ ] —	FLOODPLAIN	— [ ] —
SANDBAG DIKE	— [ ] —	SANDBAG DIKE	— [ ] —
EARTH DIKE	— [ ] —	EARTH DIKE	— [ ] —
MOUNTABLE BERM	— [ ] —	MOUNTABLE BERM	— [ ] —
SILT FENCE	— SF —	SILT FENCE	— SF —
DIVERSION FENCE	— DF —	DIVERSION FENCE	— DF —
INLET PROTECTION	— [ ] —	INLET PROTECTION	— [ ] —
SUPER SILT FENCE	— SSF —	SUPER SILT FENCE	— SSF —
STABILIZED CONSTRUCTION ENTRANCE	— [ ] —	STABILIZED CONSTRUCTION ENTRANCE	— [ ] —
TEMPORARY GABIONSTONE OUTLET STRUCTURE	— [ ] —	TEMPORARY GABIONSTONE OUTLET STRUCTURE	— [ ] —
POTABLE SEDIMENT TANK	— [ ] —	POTABLE SEDIMENT TANK	— [ ] —
CLEAR WATER DIVERSION PIPE	— [ ] —	CLEAR WATER DIVERSION PIPE	— [ ] —
PROPOSED MAJOR CONTOUR	— [ ] —	PROPOSED MAJOR CONTOUR	— [ ] —
PROPOSED MINOR CONTOUR	— [ ] —	PROPOSED MINOR CONTOUR	— [ ] —
FILTER BAG	— [ ] —	FILTER BAG	— [ ] —

IMPACTS TO WETLAND BUFFER	
PERMANENT IMPACTS TO WETLAND BUFFERS=	4,448 SF
TEMPORARY IMPACTS TO WETLANDS BUFFER=	134 SF

IMPACTS TO WETLANDS	
PERMANENT IMPACTS TO WETLAND=	1,214 SF
TEMPORARY IMPACTS TO WETLANDS=	0 SF

IMPACTS TO WATERS OF THE U.S.	
PERMANENT IMPACTS TO WATERS OF THE U.S.=	0 LF / 0 SF
TEMPORARY IMPACTS TO WATERS OF THE U.S.=	3 LF / 21 SF

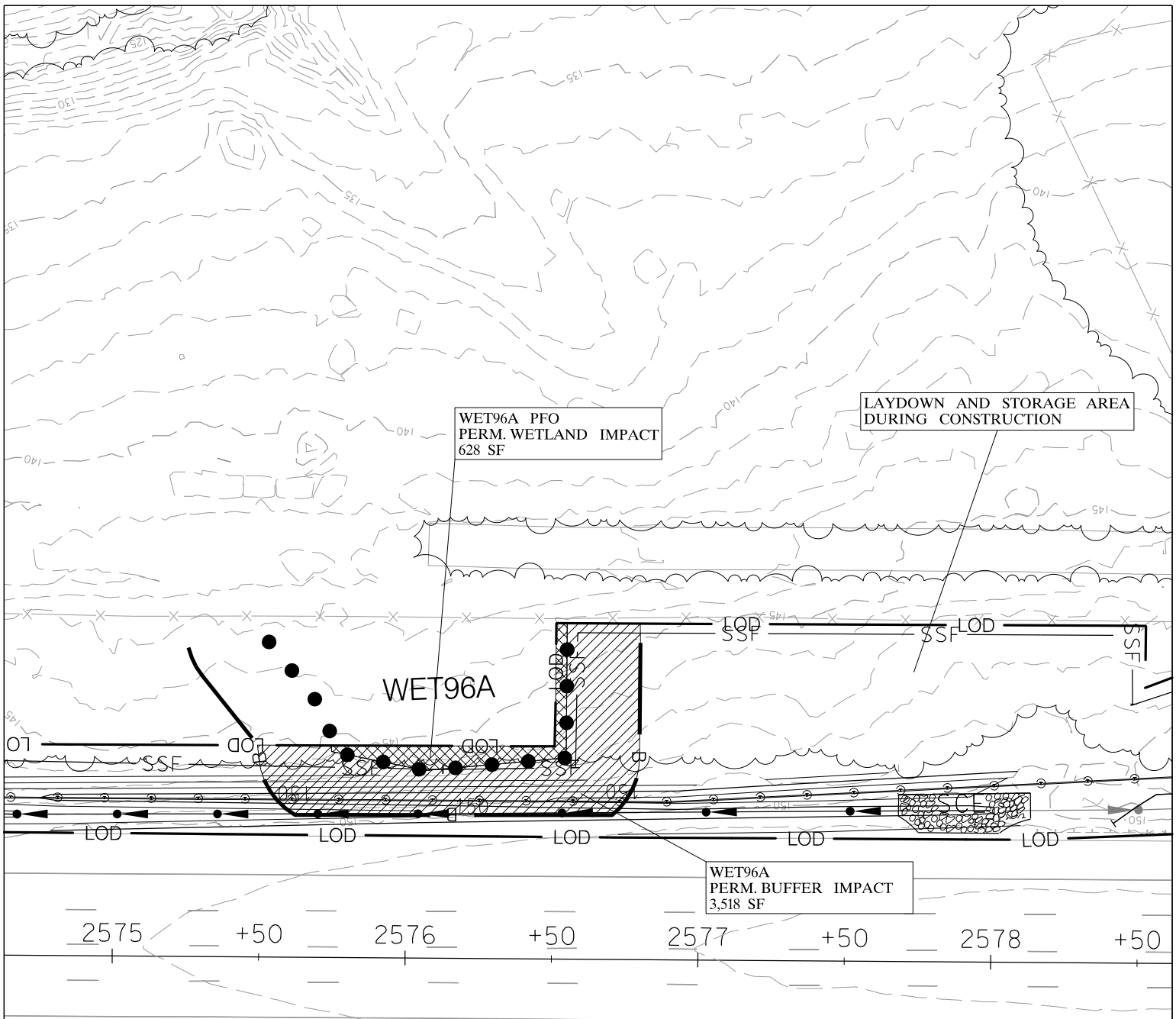
IMPACTS 100-YEAR FLOODPLAIN	
PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN=	0 SF
TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN=	0 SF



**I-95 SECTION 100 NOISE WALL**

CONTRACT NO.: KH-3013  
 COUNTY: BALTIMORE COUNTY  
 APPLICATION BY: MDTA  
 DATE: AUGUST 2020  
 PLATE NO.: 10





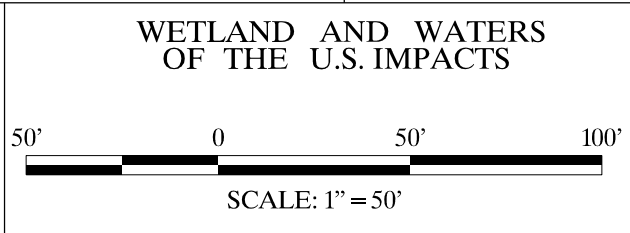
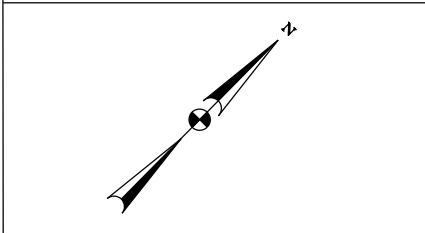
LEGEND	
TEMPORARY ORANGE CONSTRUCTION FENCE DITCH LINE	TOCF
WETLAND BUFFER	B
WETLAND BOUNDARY	● ● ●
LIMITS OF DISTURBANCE	LOD
WATERS OF THE U.S.	WUS
PUMPAROUND PRACTICE	⊕
BMP FACILITY	●
NOISE BARRIER	—○—○—
RIPRAP	▨
TREELINE	—○—○—
FLOODPLAIN	—○—○—
SANDBAG DIKE	▨
EARTH DIKE	—○—○—
MOUNTABLE BERM	▨
SILT FENCE	—○—○—
DIVERSION FENCE	—○—○—
INLET PROTECTION	□
SUPER SILT FENCE	—○—○—
STABILIZED CONSTRUCTION ENTRANCE	▨
TEMPORARY GABIONSTONE OUTLET STRUCTURE	▨
POTABLE SEDIMENT TANK	▨
CLEAR WATER DIVERSION PIPE	—○—○—
PROPOSED MAJOR CONTOUR	—○—○—
PROPOSED MINOR CONTOUR	—○—○—
FILTER BAG	▨

IMPACTS TO WETLAND BUFFER	
▨ PERMANENT IMPACTS TO WETLAND BUFFERS=	3,518 SF
▨ TEMPORARY IMPACTS TO WETLANDS BUFFER=	0 SF

IMPACTS TO WETLANDS	
▨ PERMANENT IMPACTS TO WETLAND=	628 SF
▨ TEMPORARY IMPACTS TO WETLANDS=	0 SF

IMPACTS TO WATERS OF THE U.S.	
▨ PERMANENT IMPACTS TO WATERS OF THE U.S.=	0 LF / 0 SF
▨ TEMPORARY IMPACTS TO WATERS OF THE U.S.=	0 LF / 0 SF

IMPACTS 100-YEAR FLOODPLAIN	
▨ PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN=	0 SF
▨ TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN=	0 SF





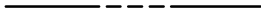

















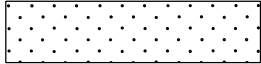







**I-95 SECTION 100 NOISE WALL**

CONTRACT NO.: KH-3013  
 COUNTY: BALTIMORE COUNTY  
 APPLICATION BY: MDTA  
 DATE: AUGUST 2020  
 PLATE NO.: 12





## LEGEND

<b>LIMIT OF DISTURBANCE</b>		<b>CLASS I RIPRAP OR STONE AND GABION</b>	
<b>RIGHT-OF-WAY</b>		<b>CONCRETE WASHOUT</b>	
<b>100-YEAR FLOODPLAIN</b>		<b>FILTER LOG (FL X-X)</b>	
<b>WUS BOUNDARY</b>		<b>SANDBAG DIKE (SBD X-X)</b>	
<b>WETLAND BOUNDARY</b>		<b>PUMP</b>	
<b>WETLAND BUFFER BOUNDARY</b>		<b>STANDARD INLET PROTECTION (SIP X-X)</b>	
<b>WUS IMPACT PERMANENT</b>		<b>TEMPORARY STONE OUTLET STRUCTURE (TSOS X-X)</b>	
<b>WETLAND IMPACT PERMANENT</b>		<b>FILTER BAG (FB X-X)</b>	
<b>WETLAND BUFFER IMPACT PERMANENT</b>		<b>PIPE SLOPE DRAIN (PSD X-X)</b>	
<b>100-YR FLOODPLAIN IMPACT PERMANENT</b>		<b>TEMPORARY ORANGE CONSTRUCTION FENCE</b>	
<b>100-YR FLOODPLAIN IMPACT TEMPORARY</b>		<b>STABILIZED CONSTRUCTION ENTRANCE</b>	
<b>EXISTING CONTOUR</b>		<b>PROPOSED NOISE BARRIER WITH DRILLED SHAFTS</b>	
<b>PROPOSED CONTOUR</b>		<b>DITCH FLOW ARROWS</b>	
<b>FENCE</b>			
<b>SUPER SILT FENCE</b>			



Maryland Transportation Authority  
Engineering Division

PURPOSE: NOISE WALL CONSTRUCTION  
CONTRACT NO.: KH-3014-0000  
COUNTY: BALTIMORE  
STATE: MARYLAND  
APPLICATION BY: MDTA  
REVISION: I

DATE: JAN. 2021

SHEET 2 OF 7

## IMPACT SUMMARY TABLE

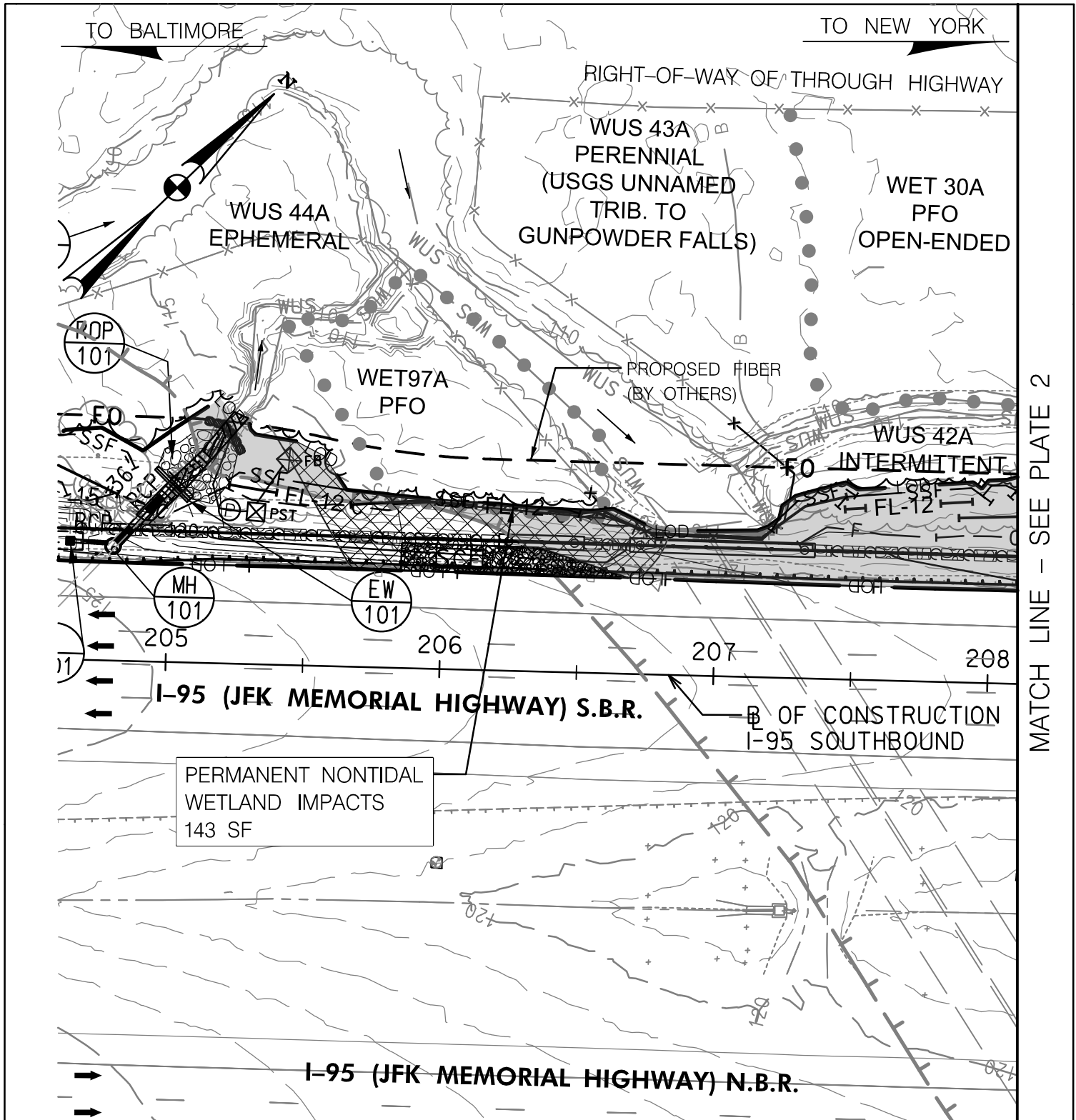
WETLAND IMPACT SUMMARY TABLE July 2020								
Impact Sheet Number	Resource ID	Temporary Nontidal Wetland Impacts			Permanent Nontidal Wetland Impacts			Perm. Wetland Buffer
		PEM	PSS	PFO	PEM	PSS	PFO	
		SF	SF	SF	SF	SF	SF	
Plate 1	WET 30A	0	0	0	0	0	0	3,112
	WET 97A	0	0	0	0	0	143	
Plate 2	WET 30A	0	0	0	0	0	0	0
	WET 97A	0	0	0	0	0	0	
Plate 3	WET 30A	0	0	0	0	0	0	0
	WET 97A	0	0	0	0	0	0	
Plate 4	WET 30A	0	0	0	0	0	0	0
	WET 97A	0	0	0	0	0	0	

WUS IMPACT SUMMARY TABLE July 2020																
Impact Sheet Number	Resource ID	Temporary WUS Impacts						Permanent WUS Impacts						Temporary Floodplain Impacts	Permanent Floodplain Impacts	
		Perennial		Intermittent		Ephemeral		Perennial		Intermittent		Ephemeral				
		LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF			
Plate 1	WUS 42A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,411
	WUS 43A	0	0	0	0	0	0	0	0	0	0	0	0			
	WUS 44A	0	0	0	0	0	0	0	0	0	0	52	282			
Plate 2	WUS 42A	0	0	0	0	0	0	0	0	0	0	0	0	0	14,685	
	WUS 43A	0	0	0	0	0	0	0	0	0	0	0	0			
	WUS 44A	0	0	0	0	0	0	0	0	0	0	0	0			
Plate 3	WUS 42A	0	0	0	0	0	0	0	0	0	0	0	0	0	6,810	
	WUS 43A	0	0	0	0	0	0	0	0	0	0	0	0			
	WUS 44A	0	0	0	0	0	0	0	0	0	0	0	0			
Plate 4	WUS 42A	0	0	0	0	0	0	0	0	0	0	0	0	950	851	
	WUS 43A	0	0	0	0	0	0	0	0	0	0	0	0			
	WUS 44A	0	0	0	0	0	0	0	0	0	0	0	0			



Maryland Transportation Authority  
Engineering Division

PURPOSE: NOISE WALL CONSTRUCTION  
 CONTRACT NO.: KH-3014-0000  
 COUNTY: BALTIMORE  
 STATE: MARYLAND  
 APPLICATION BY: MDTA  
 REVISION: I



MATCH LINE - SEE PLATE 2

**IMPACTS ON THIS PLATE**

	TEMPORARY		PERMANENT	
PFO WETLAND	0	SF	143	SF
PSS WETLAND	0	SF	0	SF
PEM WETLAND	0	SF	0	SF
PERENNIAL WUS	0	LF/SF	0	LF/SF
INTERMITTENT WUS	0	LF/SF	0	LF/SF
EPHEMERAL WUS	0	LF/SF	52 / 282	LF/SF
WETLAND BUFFER	0	SF	3,112	SF
100-YEAR FLOODPLAIN	0	SF	6,411	SF

**PLAN VIEW**

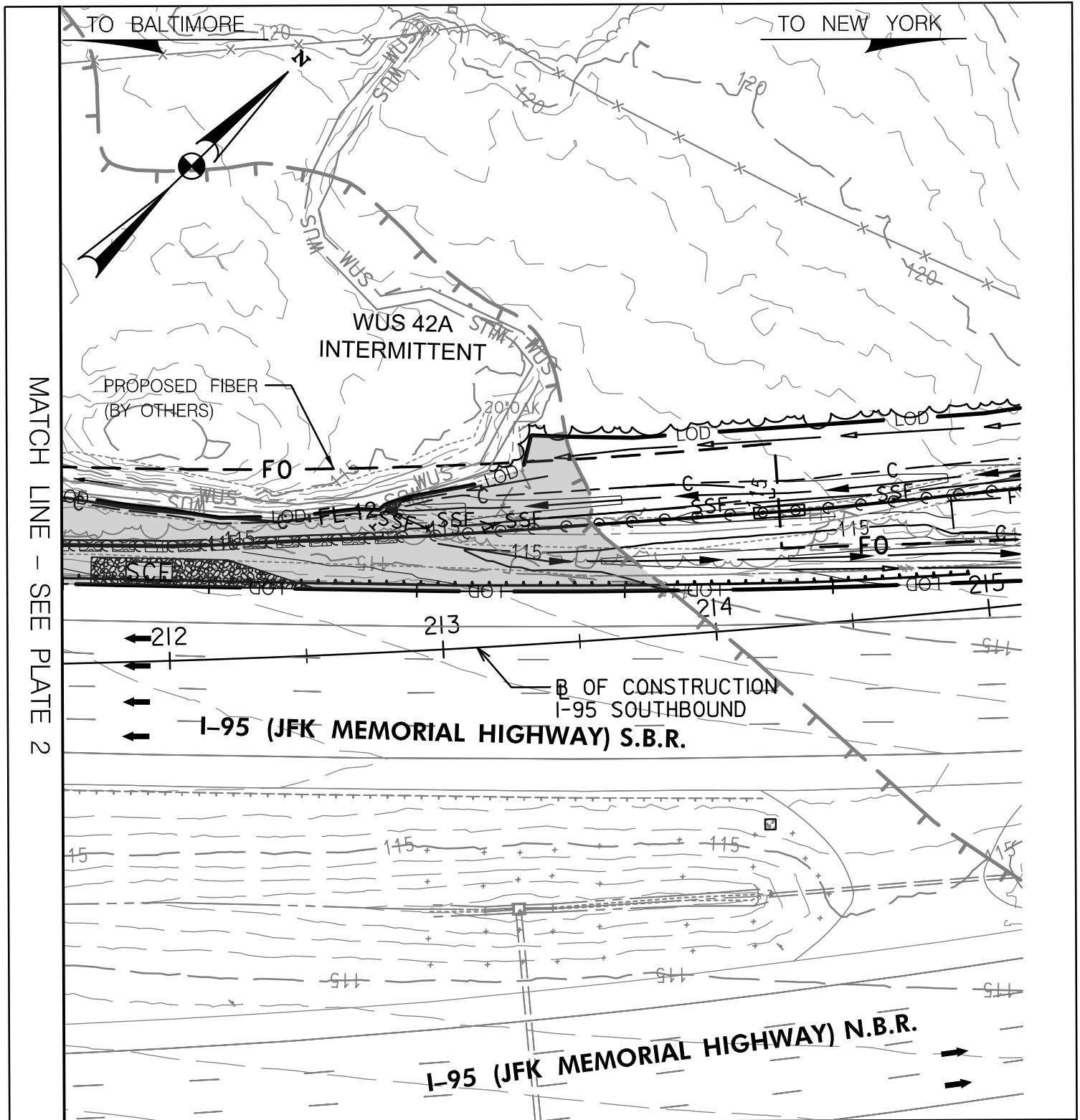


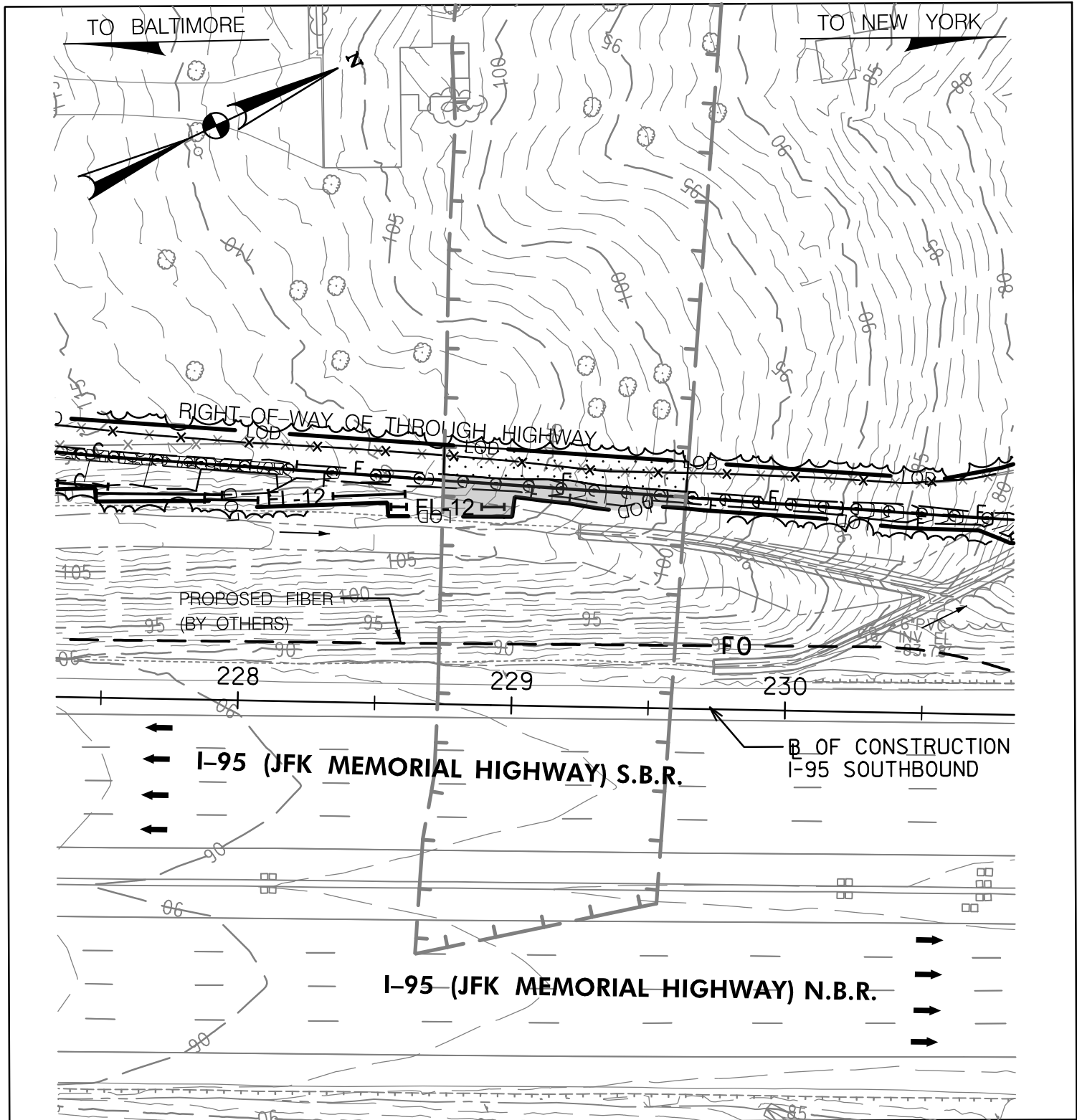
Maryland Transportation Authority  
Engineering Division

SEE SHEET 2 FOR LEGEND

PURPOSE: NOISE WALL CONSTRUCTION  
 CONTRACT NO.: KH-3014-0000  
 COUNTY: BALTIMORE  
 STATE: MARYLAND  
 APPLICATION BY: MDTA  
 IMPACT PLATE NO. 1  
 REVISION: I







**IMPACTS ON THIS PLATE**

	TEMPORARY		PERMANENT	
	0	SF	0	SF
PFO WETLAND	0	SF	0	SF
PSS WETLAND	0	SF	0	SF
PEM WETLAND	0	SF	0	SF
PERENNIAL WUS	0	LF/SF	0	LF/SF
INTERMITTENT WUS	0	LF/SF	0	LF/SF
EPHEMERAL WUS	0	LF/SF	0	LF/SF
WETLAND BUFFER	0	SF	0	SF
100-YEAR FLOODPLAIN	950	SF	851	SF

**PLAN VIEW**

SCALE: 1" = 50'

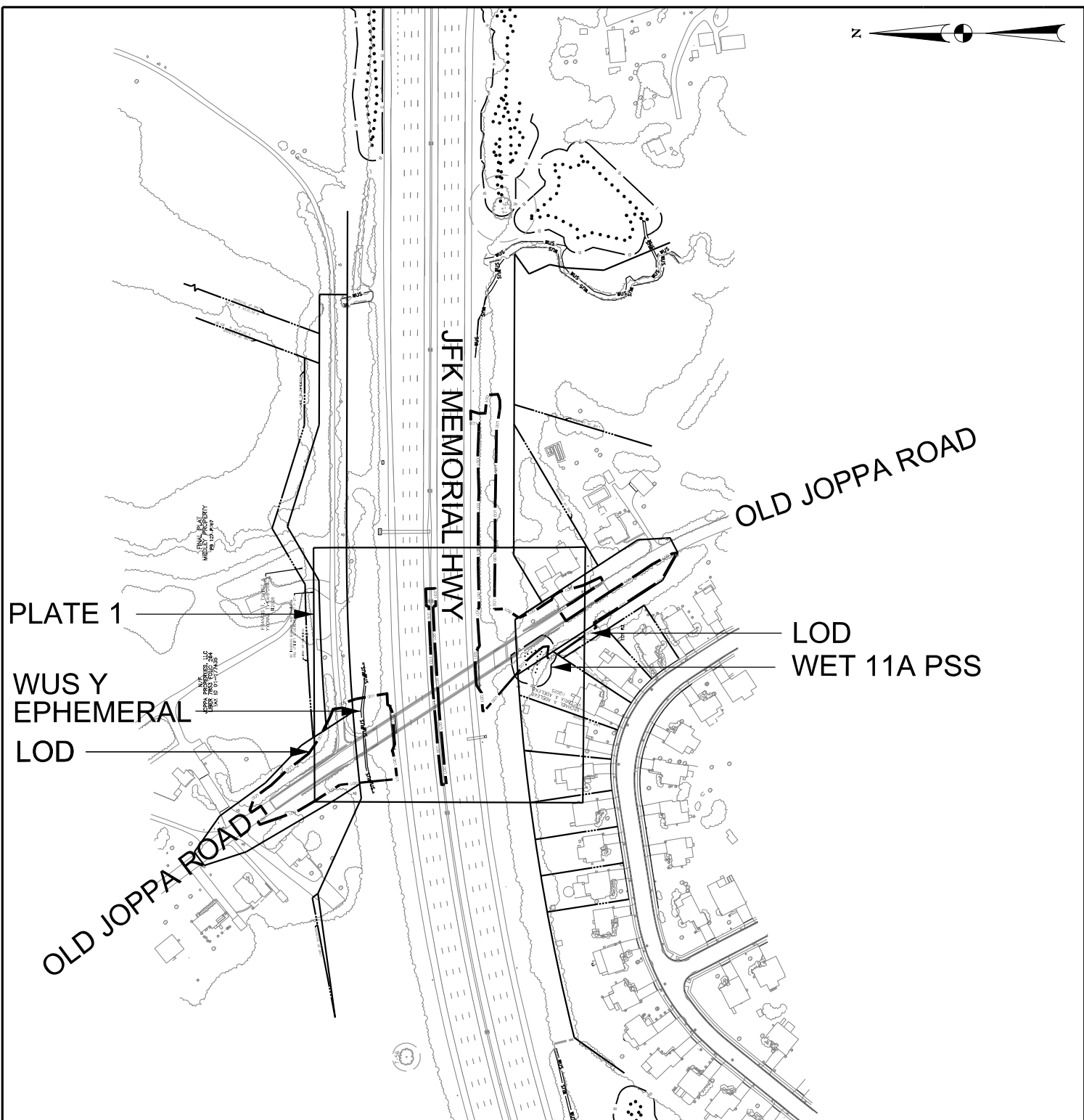
Maryland Transportation Authority  
Engineering Division


SEE SHEET 2 FOR LEGEND

PURPOSE: NOISE WALL CONSTRUCTION  
 CONTRACT NO.: KH-3014-0000  
 COUNTY: BALTIMORE  
 STATE: MARYLAND  
 APPLICATION BY: MDTA  
 IMPACT PLATE NO. 4  
 REVISION: I

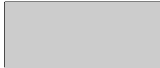



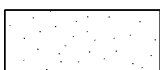

DATE: JAN. 2021      SHEET 7 OF 7



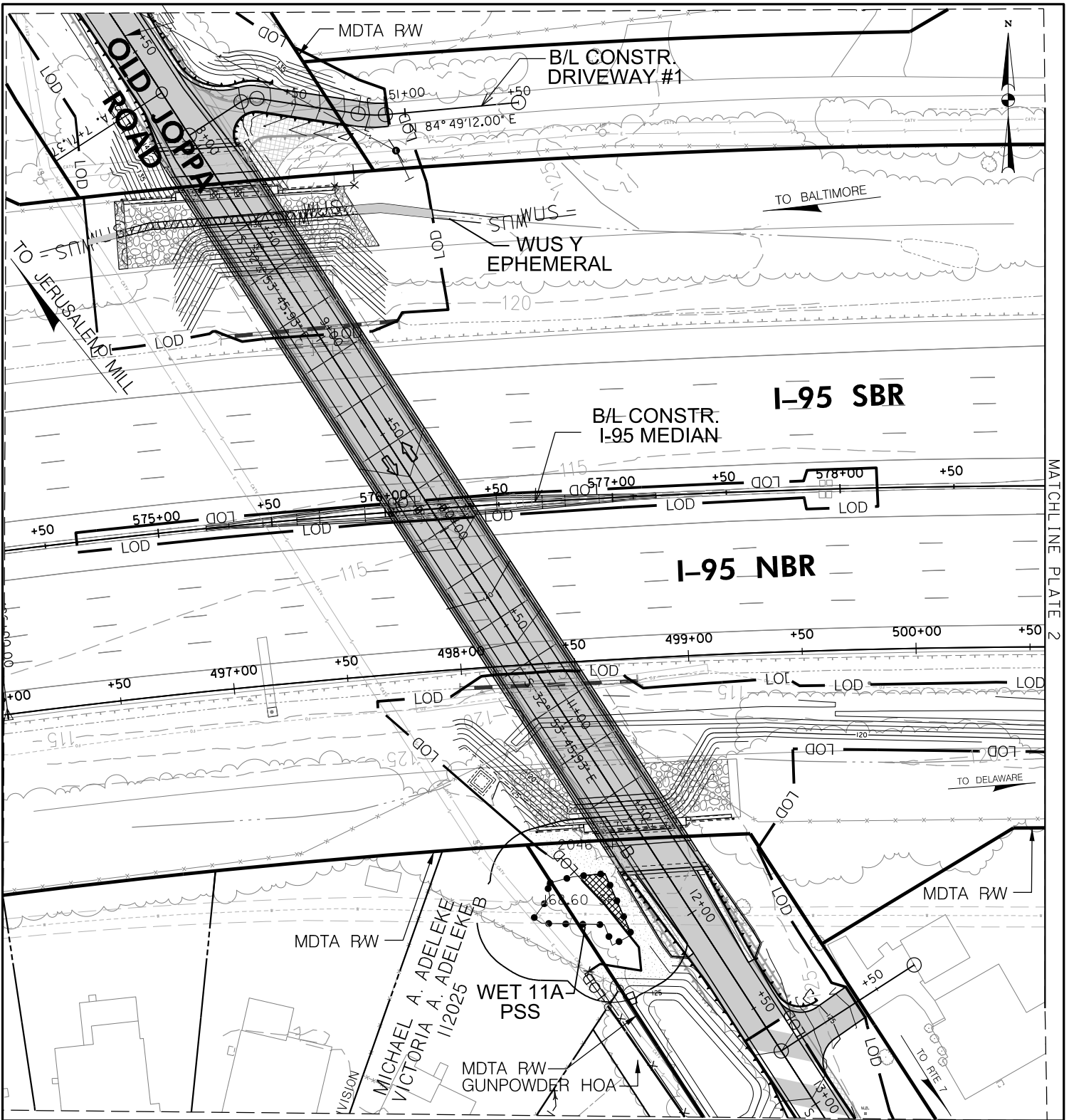


<p>IMPACT PLATE KEYMAP</p> <p>I-95 ETL NORTHBOUND EXTENSION          OLD JOPPA ROAD OVERPASS REPLACEMENT          PHASE I          JOHN F. KENNEDY MEMORIAL HIGHWAY          HARFORD COUNTY, MARYLAND</p>	
 <p><b>MARYLAND          TRANSPORTATION AUTHORITY</b></p>	
<p>CONTRACT NO.: KH-3015</p>	
<p>SCALE: 1" = 250'</p>	<p>DATE: JULY 2020</p>

## LEGEND

LIMIT OF DISTURBANCE	—— LOD ——
RIGHT-OF-WAY	- - - - -
100-YEAR FLOODPLAIN	┌───┐ └───┘
WUS BOUNDARY	—— WUS ——
CULVERTED WUS	- - - - -
WETLAND BOUNDARY	● ● ● ● ● ●
WETLAND BUFFER BOUNDARY	—— B ——
WUS IMPACT TEMPORARY	
WUS IMPACT PERMANENT	
WETLAND IMPACT TEMPORARY	
WETLAND IMPACT PERMANENT	
WETLAND BUFFER IMPACT TEMPORARY	
WETLAND BUFFER IMPACT PERMANENT	
2' CONTOURS	- - - - -

LEGEND
I-95 ETL NORTHBOUND EXTENSION OLD JOPPA ROAD OVERPASS REPLACEMENT PHASE I  HARFORD COUNTY, MARYLAND
<b>MARYLAND                  TRANSPORTATION AUTHORITY</b>
DATE: <u>      JULY 2020      </u>



MATCHLINE PLATE 2

**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND	0 SF	0 SF
PSS WETLAND	0 SF	169 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/0 SF	0 LF/0 SF
INTERMITTENT WUS	0 LF/0 SF	0 LF/0 SF
EPHEMERAL WUS	47 LF/163 SF	105 LF/355 SF
WETLAND BUFFER	0 SF	2,035 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 OLD JOPPA ROAD OVERPASS REPLACEMENT  
 PHASE I  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



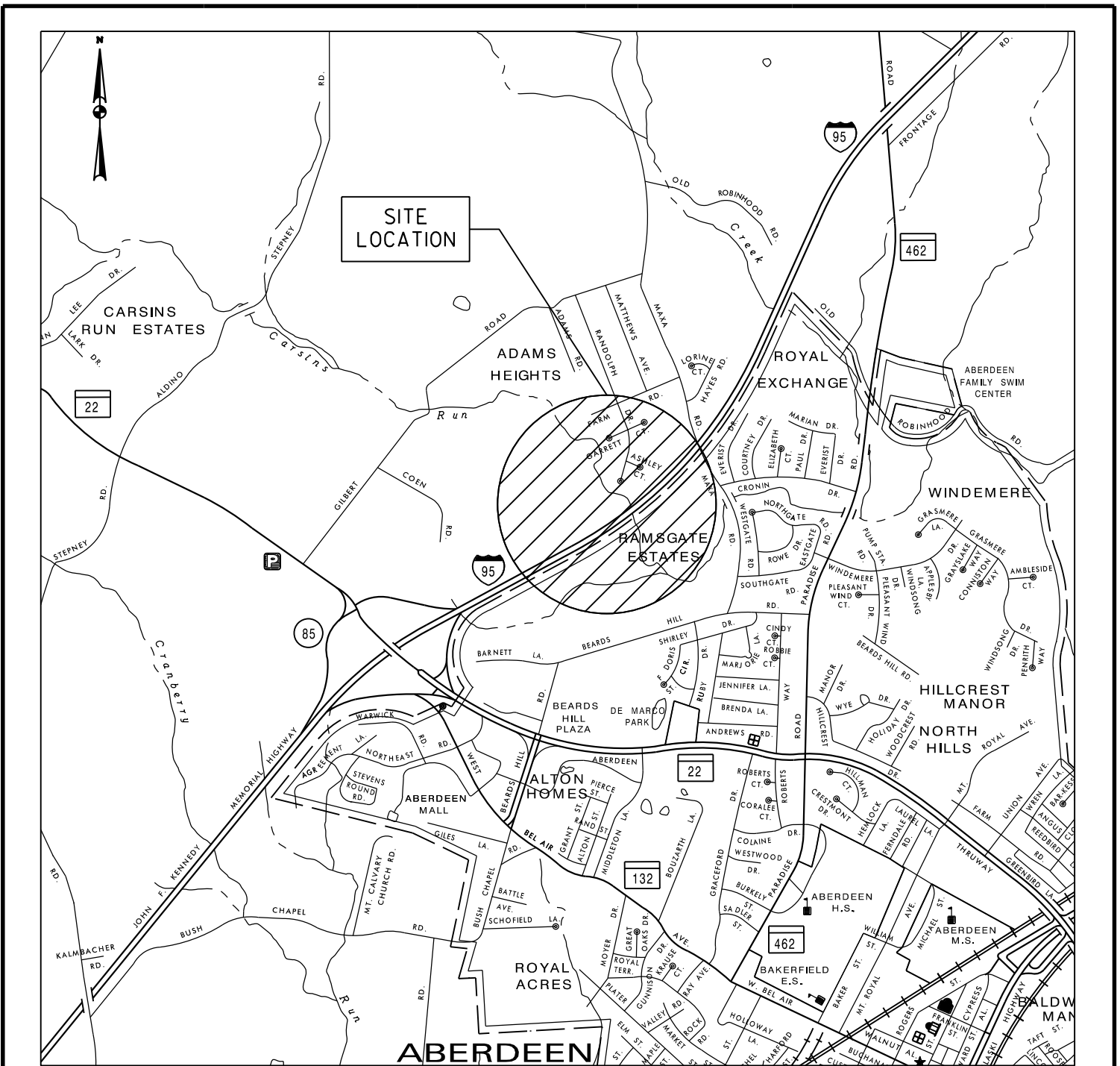
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 60'

CONTRACT NO.: KH-3015

DATE: JULY 2020

PLATE 1 OF 1



**IMPACT TOTALS**

	TEMPORARY	PERMANENT
PFO WETLAND CLEARED & REPLANTED	6.019 SF	0 SF
PFO WETLAND GRADED & REPLACED	3.019 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	316 LF/ 10,571 SF	78 LF/ 1,114 SF
INTERMITTENT WUS	73 LF/ 448 SF	868 LF/ 6,131 SF
EPHEMERAL WUS	0 LF/ 0 SF	167 LF/ 1,460 SF
WETLAND BUFFER	2,261 SF	0 SF
100-YEAR FLOODPLAIN	15,774 SF	0 SF

**VICINITY MAP**

I-95 ETL NORTHBOUND EXTENSION  
 CARNS RUN STREAM MITIGATION  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 2,000'

DATE: REV. JAN. 2021

CONTRACT NO.: KH-3028

PLATE 1 OF 9

KH-3028 Carsins Run WUS Impact Summary Table															
Plate	Resource ID	Perennial WUS				Intermittent WUS				Ephemeral WUS				100-Year Floodplain	
		Temporary		Permanent		Temporary		Permanent		Temporary		Permanent		Temporary	Permanent
		LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	SF	SF
PLATE 5	WUS WL003	0	0	0	0	0	0	58	394	0	0	0	0	0	0
PLATE 6	WUS WL003	0	0	0	0	73	448	251	1,672	0	0	0	0	0	0
PLATE 7	WUS WL003	0	0	0	0	0	0	462	3,461	0	0	0	0	406	0
PLATE 8	Waterway WL002	0	0	0	0	0	0	0	0	0	0	14	118	3,293	0
PLATE 8	WUS WL001	81	3,478	50	1,035	0	0	0	0	0	0	0	0		
PLATE 9	Waterway WL004	0	0	0	0	0	0	0	0	0	0	153	1,342	12,075	0
PLATE 9	WUS WL001	235	7,093	28	79	0	0	0	0	0	0	0	0		
PLATE 9	WUS WL003	0	0	0	0	0	0	97	604	0	0	0	0		
<b>Total</b>		<b>316</b>	<b>10,571</b>	<b>78</b>	<b>1,114</b>	<b>73</b>	<b>448</b>	<b>868</b>	<b>6,131</b>	<b>0</b>	<b>0</b>	<b>167</b>	<b>1,460</b>	<b>15,774</b>	<b>0</b>

KH-3028 Carsins Run Wetland Impact Summary Table					
Plate	Resource ID	PFO Wetland		25-foot Wetland Buffer	
		Temporary	Permanent	Temporary	Permanent
		SF	SF	SF	SF
PLATE 5	WETLAND WL007	4,505	0	988	0
PLATE 6	WETLAND WL007	4,533	0	1,273	0
<b>Total</b>		<b>9,038</b>	<b>0</b>	<b>2,261</b>	<b>0</b>

# LEGEND

	EX. CONTOUR		SILT FENCE
	EX. FENCE		BERM
	EX. WOODS LINE		TEMPORARY BRIDGE
	EX. MANHOLE		LIMIT OF DISTURBANCE
	EX. UTILITY POLE		DISCHARGE HOSE
	EX. SANITARY LINE		SANDBAG DAM
	EX. PIPE		FILTER BAG
	ROAD EDGE		PUMP
	BUILDING		PROPOSED CONTOUR
	PROPERTY LINE		PROPOSED CHANNEL
	DITCH EDGE		PROPOSED W-WEIR
	WATERS OF THE U.S.		PROPOSED OUTFALL STABILIZATION
	WATERS OF THE U.S. EPHEMERAL		PROPOSED MANHOLE STORM DRAIN PIPE & ENDWALL
	EX. NON-TIDAL WETLAND		PROPOSED WETLAND CREATION AREA
	25' WETLAND BUFFER		TOE BOULDERS
	EX. 100 YEAR FEMA FLOODPLAIN		WOODY TOE
	STABILIZED CONSTRUCTION ENTERANCE		WOODY DEBRIS PLUG
	CLEAN WATER DIVERSION		RIFFLE GRADE CONTROL
			STEP POOL CREST

# LEGEND FOR IMPACT TYPES

	TEMPORARY WATERS OF U.S. IMPACT		PERMANENT WATERS OF U.S. IMPACT
	PFO NON-TIDAL WETLAND CLEARED AND REPLANTED		PFO NON-TIDAL WETLAND GRADED AND REPLACED
	TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT		PERMANENT EPHEMERAL CHANNEL IMPACT

## LEGEND

I-95 ETL NORTHBOUND EXTENSION  
 CARSENS RUN STREAM MITIGATION  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

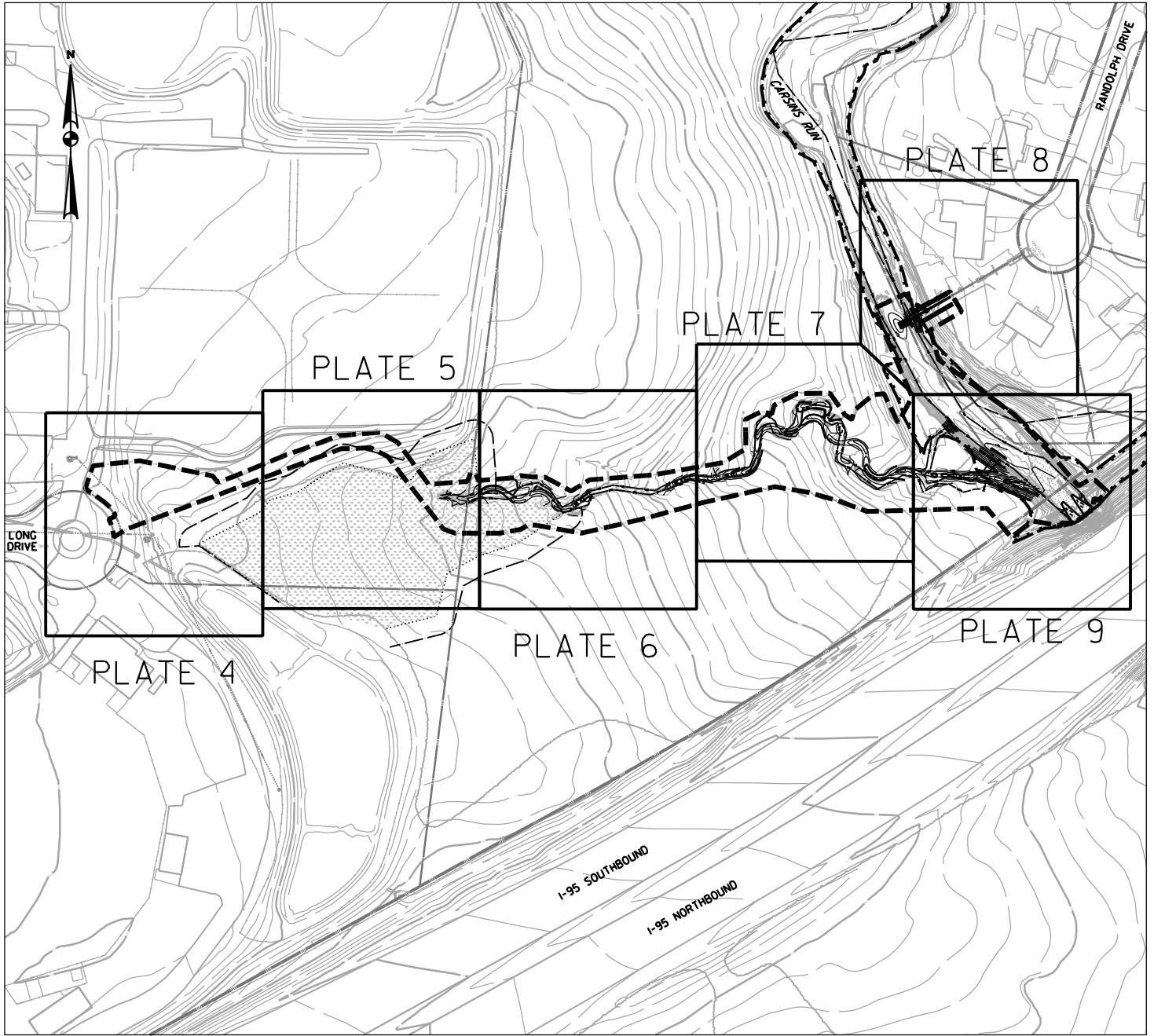
SCALE: N.T.S.

DATE: REV. JAN. 2021

CONTRACT NO.: KH-3028

PLATE 2 OF 9





KEY MAP

I-95 ETL NORTHBOUND EXTENSION  
 CARSINS RUN STREAM MITIGATION  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



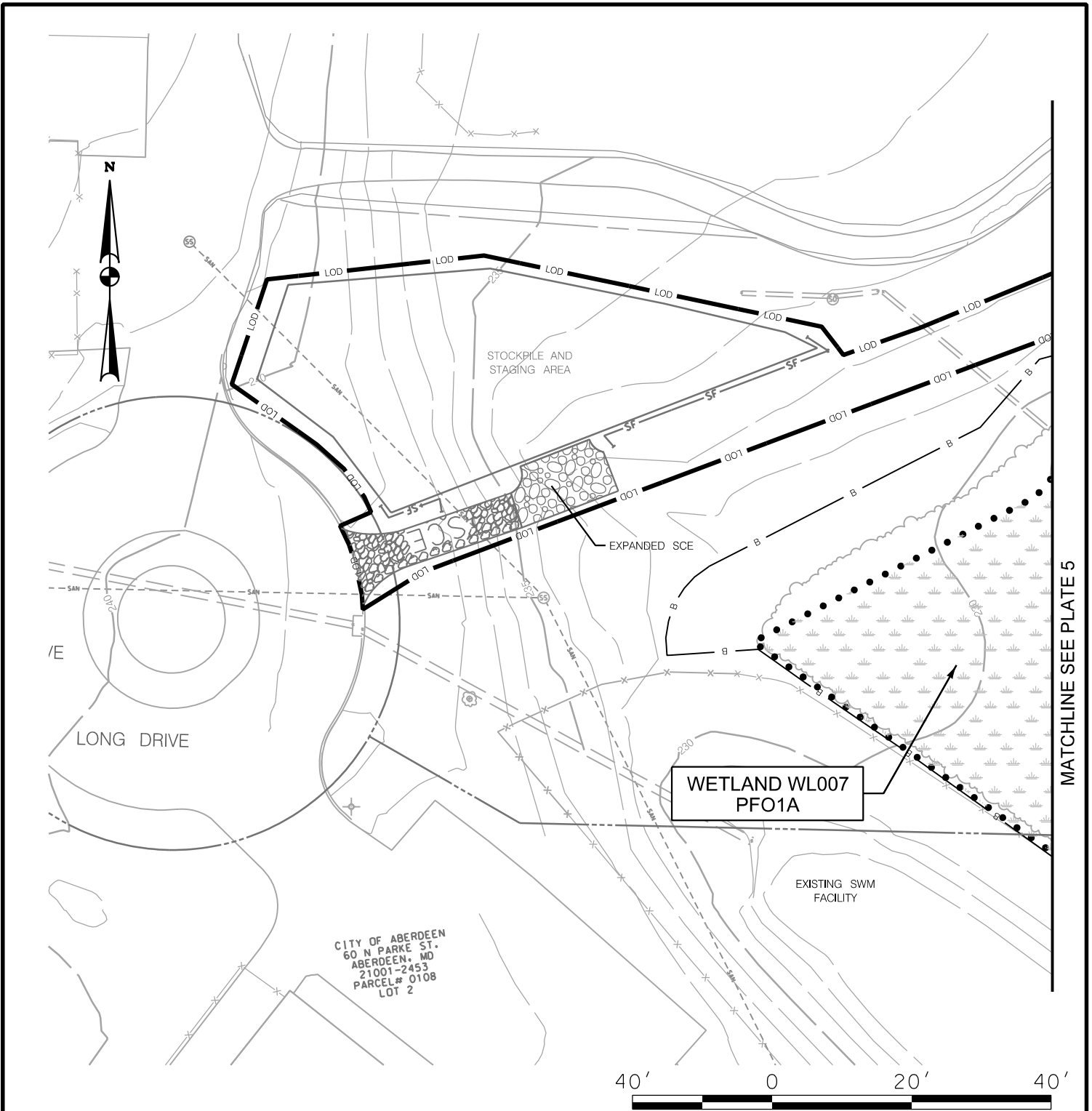
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 200'

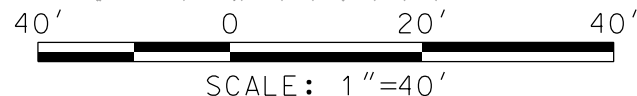
DATE: REV. JAN. 2021

CONTRACT NO.: KH-3028

PLATE 3 OF 9



CITY OF ABERDEEN  
 60 N PARKE ST.  
 ABERDEEN, MD  
 21001-2453  
 PARCEL # 0108  
 LOT 2



MATCHLINE SEE PLATE 5

**IMPACTS ON THIS PLATE**  
 TEMPORARY                      PERMANENT

PFO WETLAND CLEARED & REPLANTED	0 SF	0 SF
PFO WETLAND GRADED & REPLACED	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF / 0 SF	0 LF / 0 SF
INTERMITTENT WUS	0 LF / 0 SF	0 LF / 0 SF
EPHEMERAL WUS	0 LF / 0 SF	0 LF / 0 SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

NOTE: NO IMPACTS ON THIS PLATE

**WETLAND IMPACT PLATE**  
 I-95 ETL NORTHBOUND EXTENSION  
 CARSENS RUN STREAM MITIGATION  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 40'                      DATE: REV. JAN. 2021

CONTRACT NO.: KH-3028                      PLATE 4 OF 9



CITY OF ABERDEEN  
60 N PARKE ST.  
ABERDEEN, MD  
21001-2453  
PARCEL# 0108  
LOT 3

WUS WL003  
R4SB3/4

WETLAND WL007  
PFO1A

MATCHLINE SEE PLATE 4

MATCHLINE SEE PLATE 6



SCALE: 1"=40'

**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND CLEARED & REPLANTED	3,293 SF	0 SF
PFO WETLAND GRADED & REPLACED	1,212 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/ 0 SF	0 LF/ 0 SF
INTERMITTENT WUS	0 LF/ 0 SF	58 LF/ 394 SF
EPHEMERAL WUS	0 LF/ 0 SF	0 LF/ 0 SF
WETLAND BUFFER	988 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
CARNSINS RUN STREAM MITIGATION  
JOHN F. KENNEDY MEMORIAL HIGHWAY  
HARFORD COUNTY, MARYLAND



**MARYLAND  
TRANSPORTATION AUTHORITY**

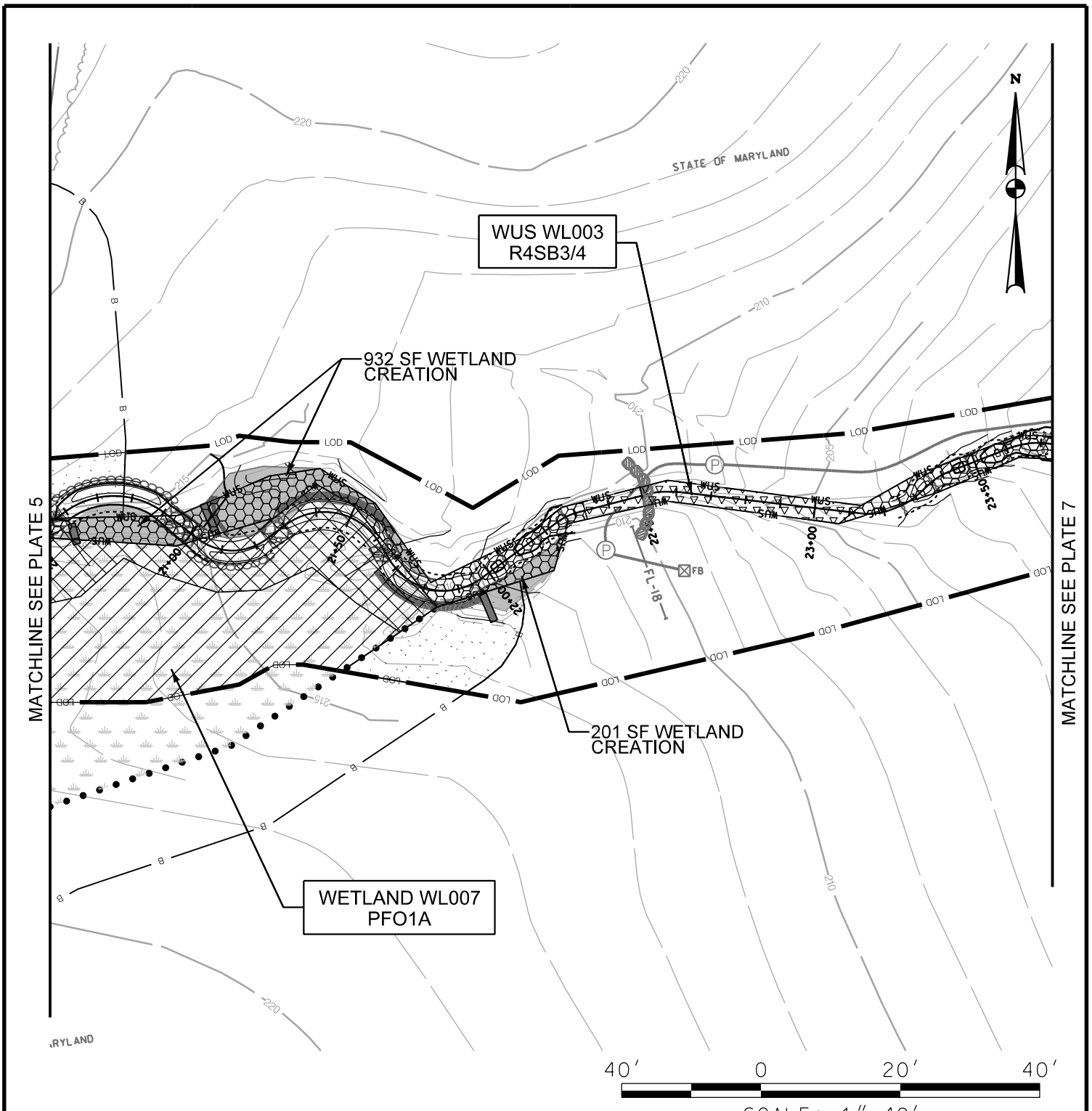
SCALE: 1" = 40'

DATE: REV. JAN. 2021

CONTRACT NO.: KH-3028

PLATE 5 OF 9

FILE: M:\2014\22145228.47\Drawings\CARSINS\Impact Plates\WET-PLATE\_2.USACE.dgn  
DATE: Thursday, January 21, 2021 AT 08:08 AM



**IMPACTS ON THIS PLATE**

TEMPORARY

PERMANENT

PFO WETLAND CLEARED & REPLANTED	2,726 SF	0 SF
PFO WETLAND GRADED & REPLACED	1,807 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF / 0 SF	0 LF / 0 SF
INTERMITTENT WUS	73 LF / 448 SF	251 LF / 1,672 SF
EPHEMERAL WUS	0 LF / 0 SF	0 LF / 0 SF
WETLAND BUFFER	1,273 SF	0 SF
100-YEAR FLOODPLAIN	0 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 CARNSINS RUN STREAM MITIGATION  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**

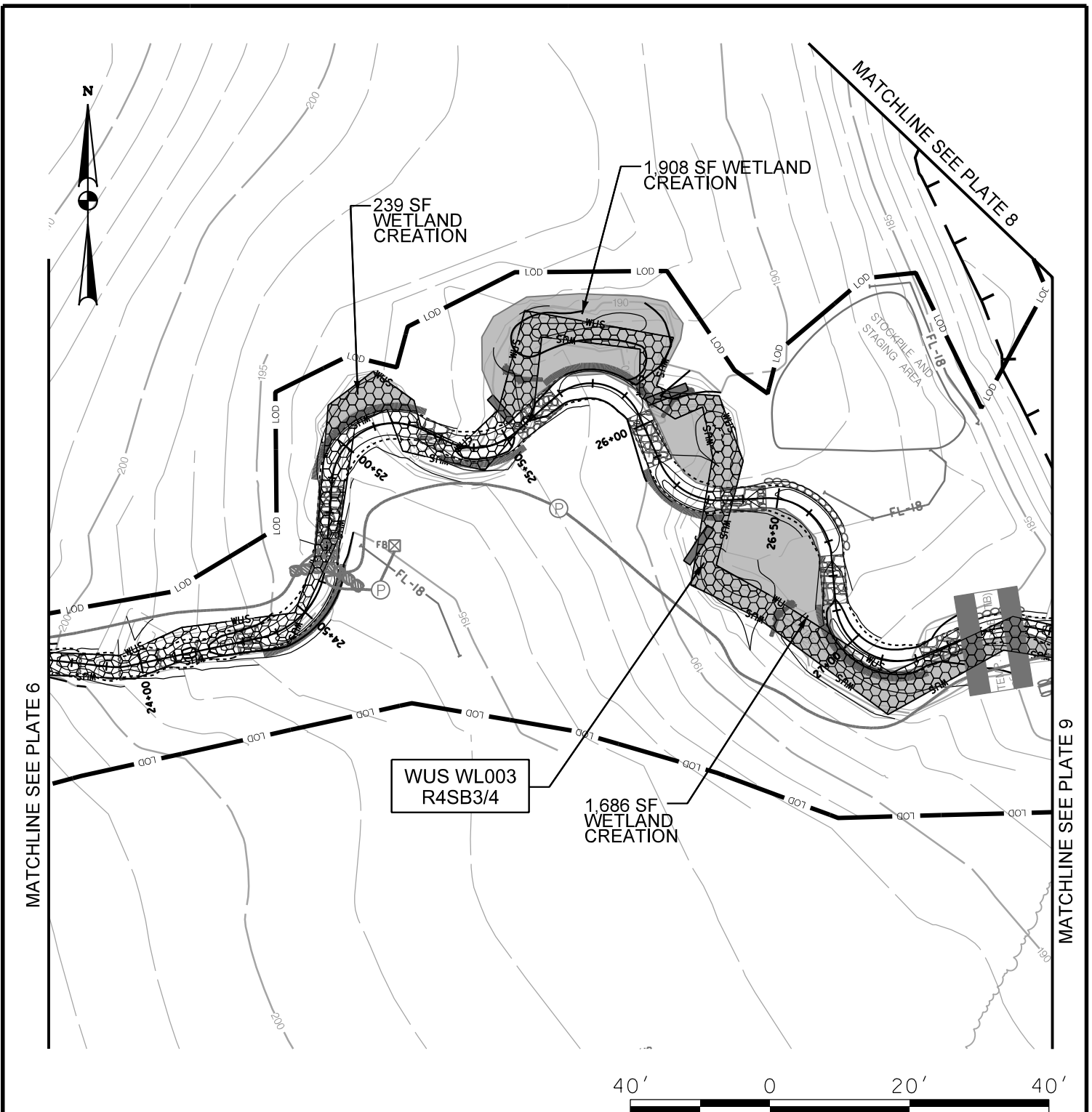
SCALE: 1" = 40'

DATE: REV. JAN. 2021

CONTRACT NO.: KH-3028

PLATE 6 OF 9





**IMPACTS ON THIS PLATE**

TEMPORARY

PERMANENT

PFO WETLAND CLEARED & REPLANTED	0 SF	0 SF
PFO WETLAND GRADED & REPLACED	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	0 LF/ 0 SF	0 LF/ 0 SF
INTERMITTENT WUS	0 LF/ 0 SF	462 LF/ 3.461 SF
EPHEMERAL WUS	0 LF/ 0 SF	0 LF/ 0 SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	406 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 CARSENS RUN STREAM MITIGATION  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



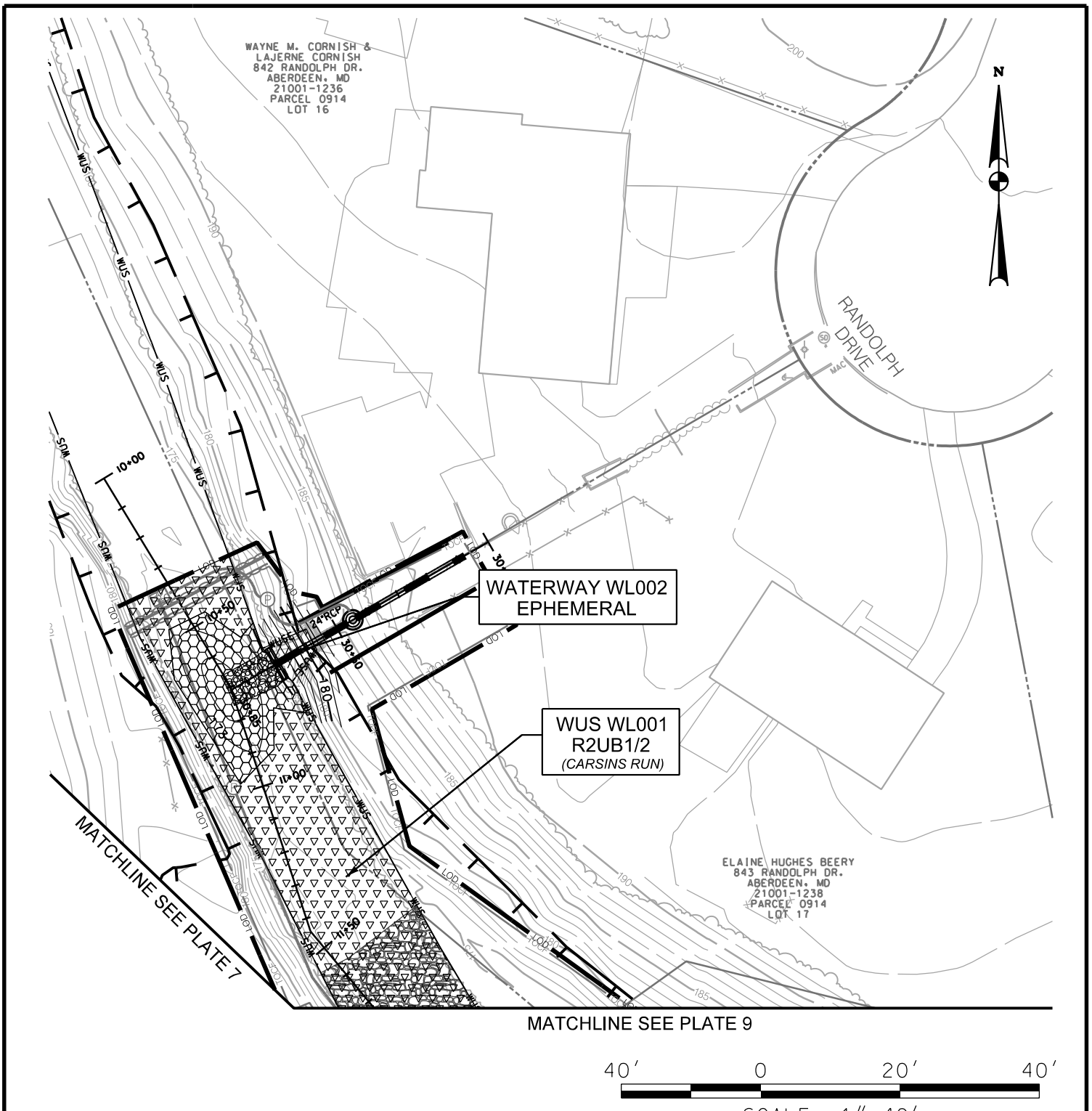
**MARYLAND  
 TRANSPORTATION AUTHORITY**

SCALE: 1" = 40'

DATE: REV. JAN. 2021

CONTRACT NO.: KH-3028

PLATE 7 OF 9



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND CLEARED & REPLANTED	0 SF	0 SF
PFO WETLAND GRADED & REPLACED	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	81 LF / 3,478 SF	50 LF / 1,035 SF
INTERMITTENT WUS	0 LF / 0 SF	0 LF / 0 SF
EPHEMERAL WUS	0 LF / 0 SF	14 LF / 118 SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	3,293 SF	0 SF

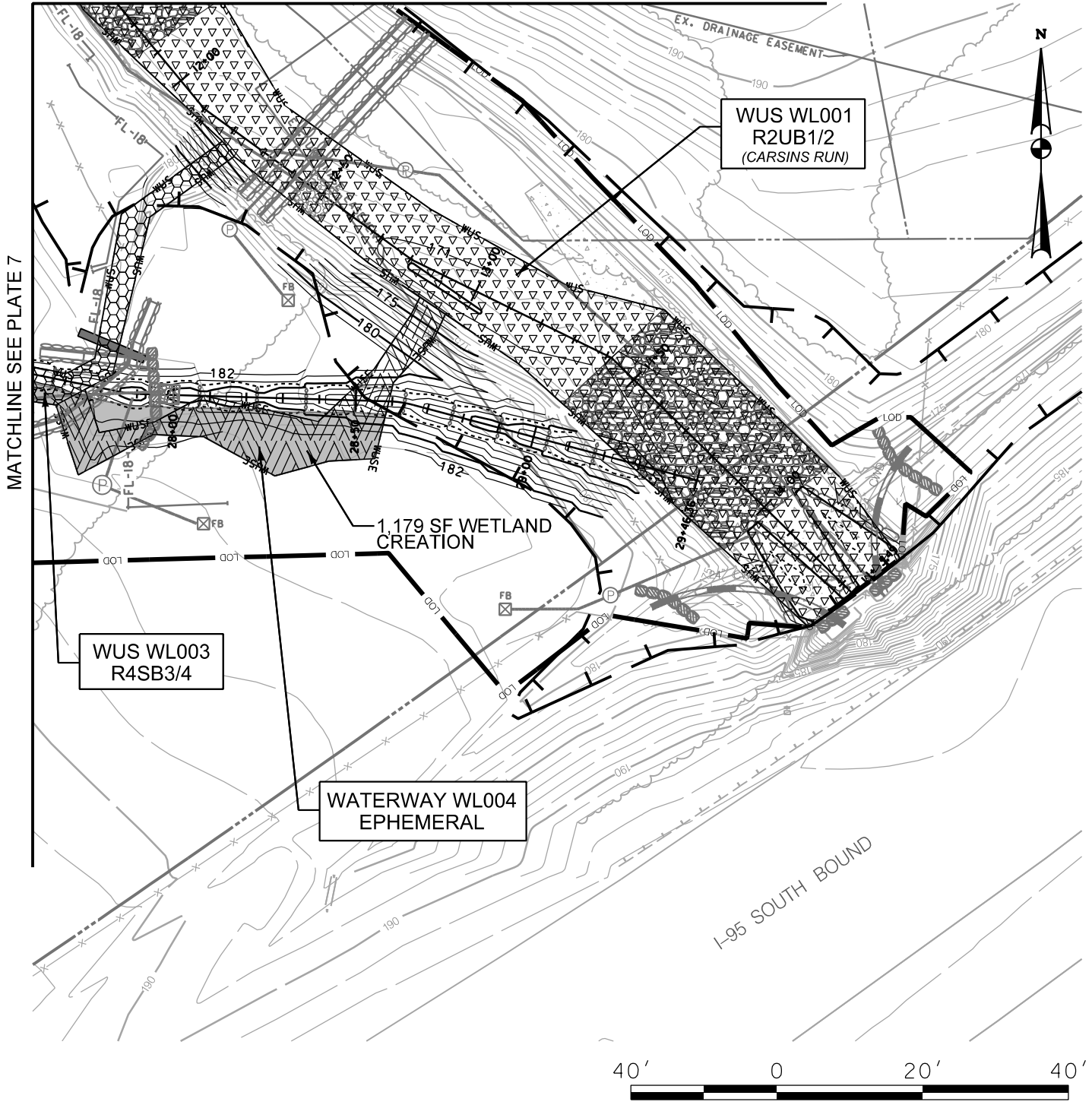
**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
CARSINS RUN STREAM MITIGATION  
JOHN F. KENNEDY MEMORIAL HIGHWAY  
HARFORD COUNTY, MARYLAND

**MARYLAND  
TRANSPORTATION AUTHORITY**

SCALE: 1" = 40'	DATE: REV. JAN. 2021
CONTRACT NO.: KH-3028	PLATE 8 OF 9

MATCHLINE SEE PLATE 8



**IMPACTS ON THIS PLATE**

	TEMPORARY	PERMANENT
PFO WETLAND CLEARED & REPLANTED	0 SF	0 SF
PFO WETLAND GRADED & REPLACED	0 SF	0 SF
PSS WETLAND	0 SF	0 SF
PEM WETLAND	0 SF	0 SF
PERENNIAL WUS	235 LF/ 7,093 SF	28 LF/ 79 SF
INTERMITTENT WUS	0 LF/ 0 SF	97 LF/ 604 SF
EPHEMERAL WUS	0 LF/ 0 SF	153 LF/ 1,342 SF
WETLAND BUFFER	0 SF	0 SF
100-YEAR FLOODPLAIN	12,075 SF	0 SF

**WETLAND IMPACT PLATE**

I-95 ETL NORTHBOUND EXTENSION  
 CARSINS RUN STREAM MITIGATION  
 JOHN F. KENNEDY MEMORIAL HIGHWAY  
 HARFORD COUNTY, MARYLAND



**MARYLAND  
 TRANSPORTATION AUTHORITY**



SCALE: 1" = 40'      DATE: REV. JAN. 2021

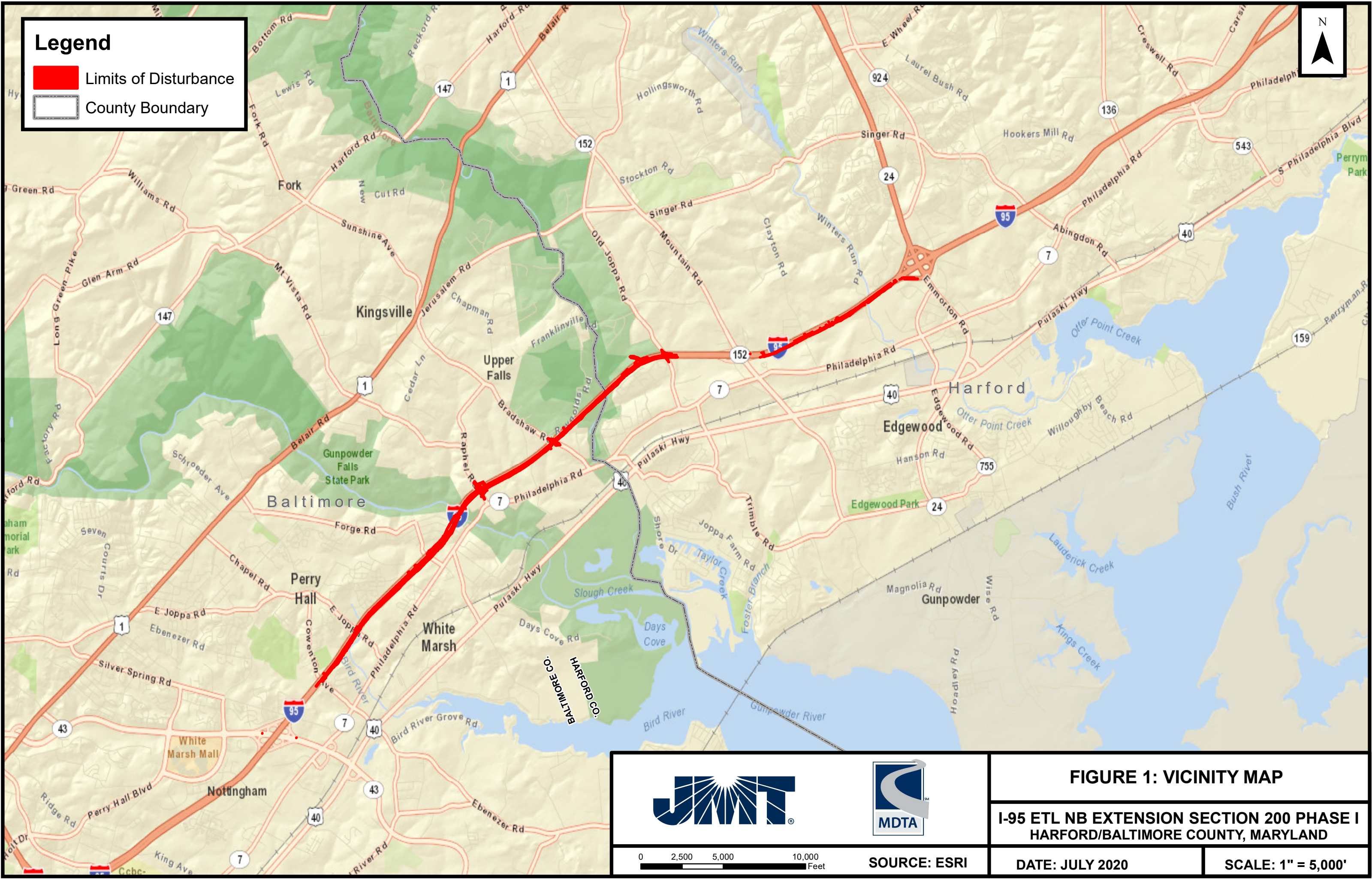
CONTRACT NO.: KH-3028      PLATE 9 OF 9

FILE: M:\2014\22145228.47\Drawings\CARSINS\Impact Plates\WT-PLATE\_6-USACE.dgn  
 DATE: Thursday, January 21, 2021 AT 08:10 AM



**Legend**

-  Limits of Disturbance
-  County Boundary



**FIGURE 1: VICINITY MAP**

**I-95 ETL NB EXTENSION SECTION 200 PHASE I  
HARFORD/BALTIMORE COUNTY, MARYLAND**

0 2,500 5,000 10,000 Feet

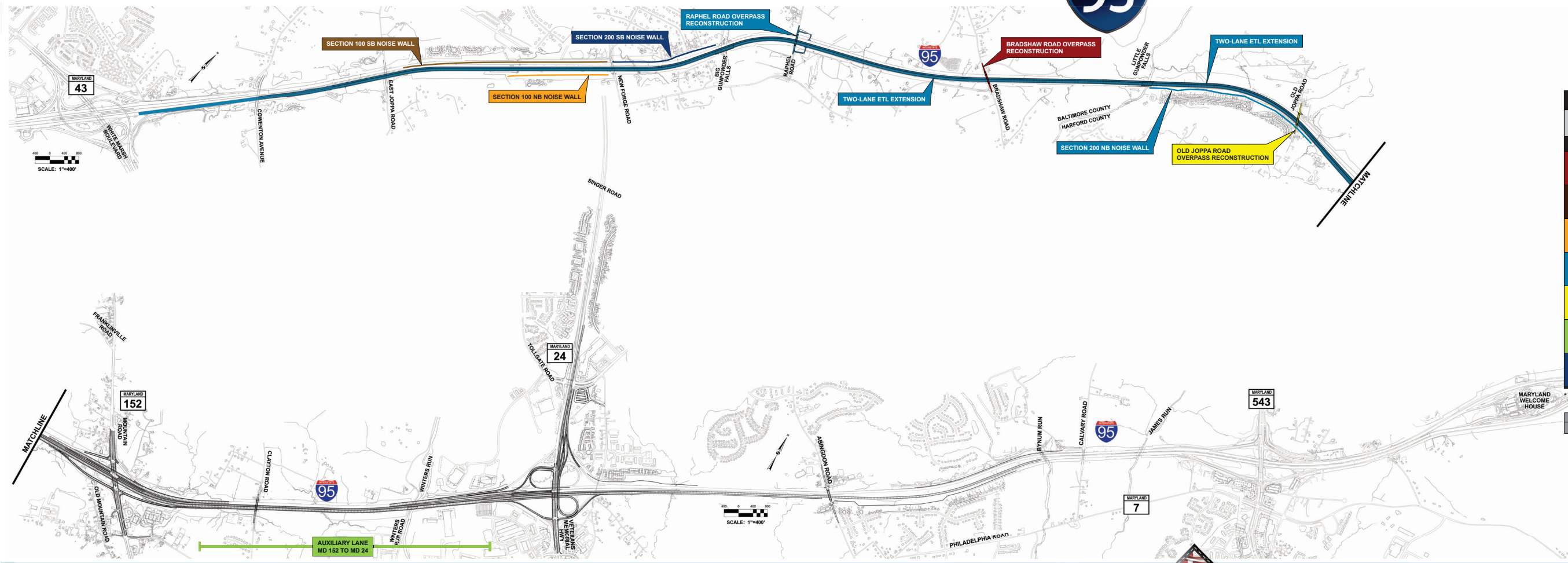
SOURCE: ESRI

DATE: JULY 2020

SCALE: 1" = 5,000'



# I-95 EXPRESS TOLL LANES (ETL) NORTHBOUND EXTENSION



IMPLEMENTATION SEQUENCE		
CONTRACT		ANTICIPATED CONSTRUCTION SCHEDULE
PHASE I		
KH-3012	BRADSHAW ROAD OVERPASS RECONSTRUCTION	COMPLETED
KH-3013	SECTION 100 SB NOISE WALL	COMPLETED
KH-3016	SECTION 100 NB NOISE WALL	COMPLETED
KH-3009	I-95 NB TWO-LANE ETL EXTENSION TO MD 152 RAPHEL ROAD OVERPASS RECONSTRUCTION SECTION 200 NB NOISE WALL	SPRING 2021 – SPRING 2024
KH-3015	OLD JOPPA ROAD OVERPASS RECONSTRUCTION	WINTER 2019/20 – FALL 2020
KH-3010	I-95 NB AUXILIARY LANE MD 152 TO MD 24 MODIFY MD 24/MD 924 RAMP	SPRING 2019 – WINTER 2020/21
KH-3014	SECTION 200 SB NOISE WALL	WINTER 2020/21 – SPRING 2022

\* Construction Advertisement dates and Schedule are anticipated and subject to change

CONTRACTS BY OTHERS		
LEVEL 3 RELOCATION	BGE UTILITY RELOCATION	VERIZON UTILITY RELOCATION

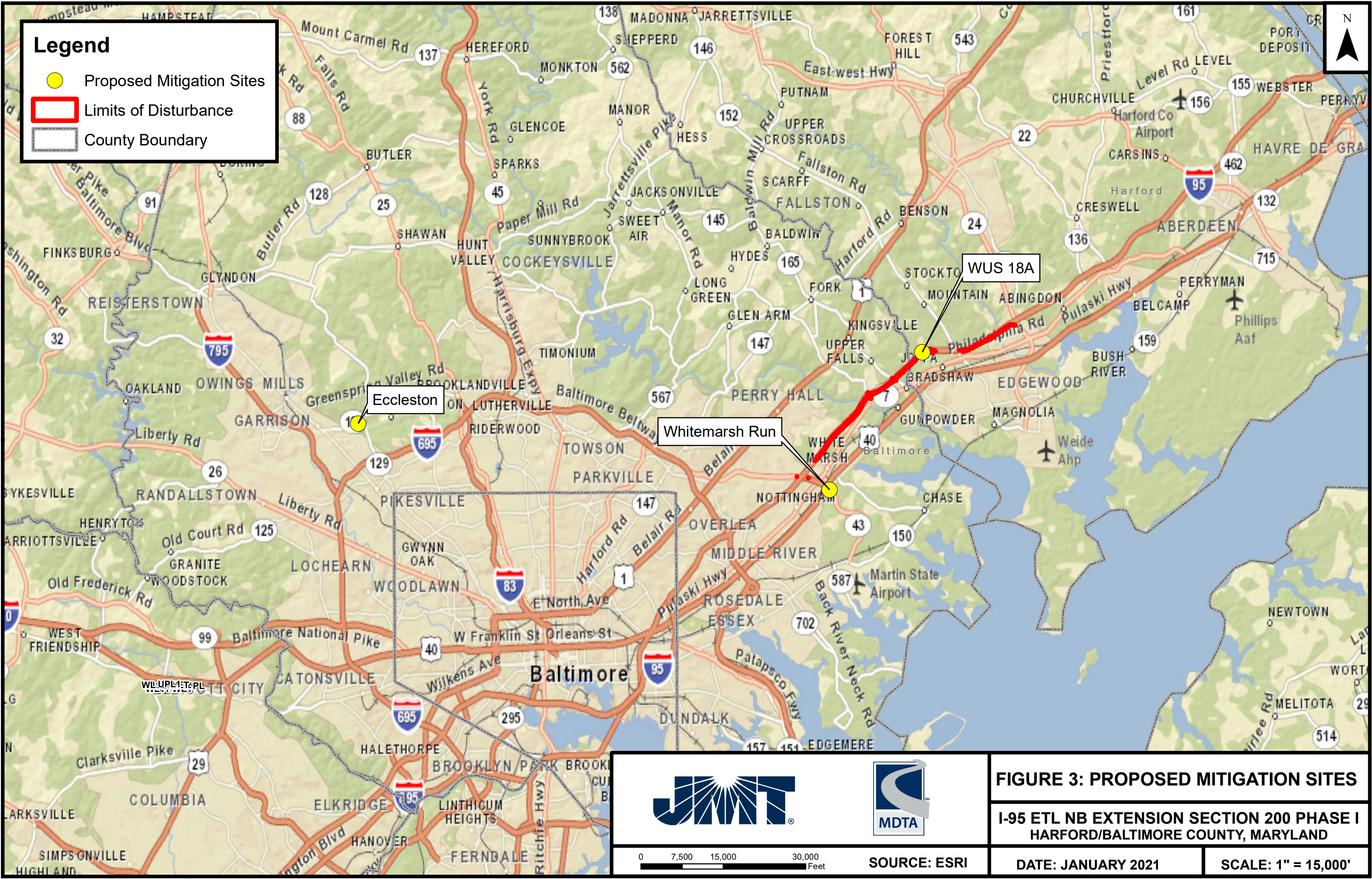


Figure 2



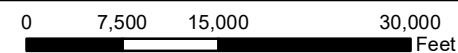
**Legend**

- Proposed Mitigation Sites
- ▭ Limits of Disturbance
- ▭ County Boundary



**FIGURE 3: PROPOSED MITIGATION SITES**

**I-95 ETL NB EXTENSION SECTION 200 PHASE I  
HARFORD/BALTIMORE COUNTY, MARYLAND**





SOURCE: ESRI

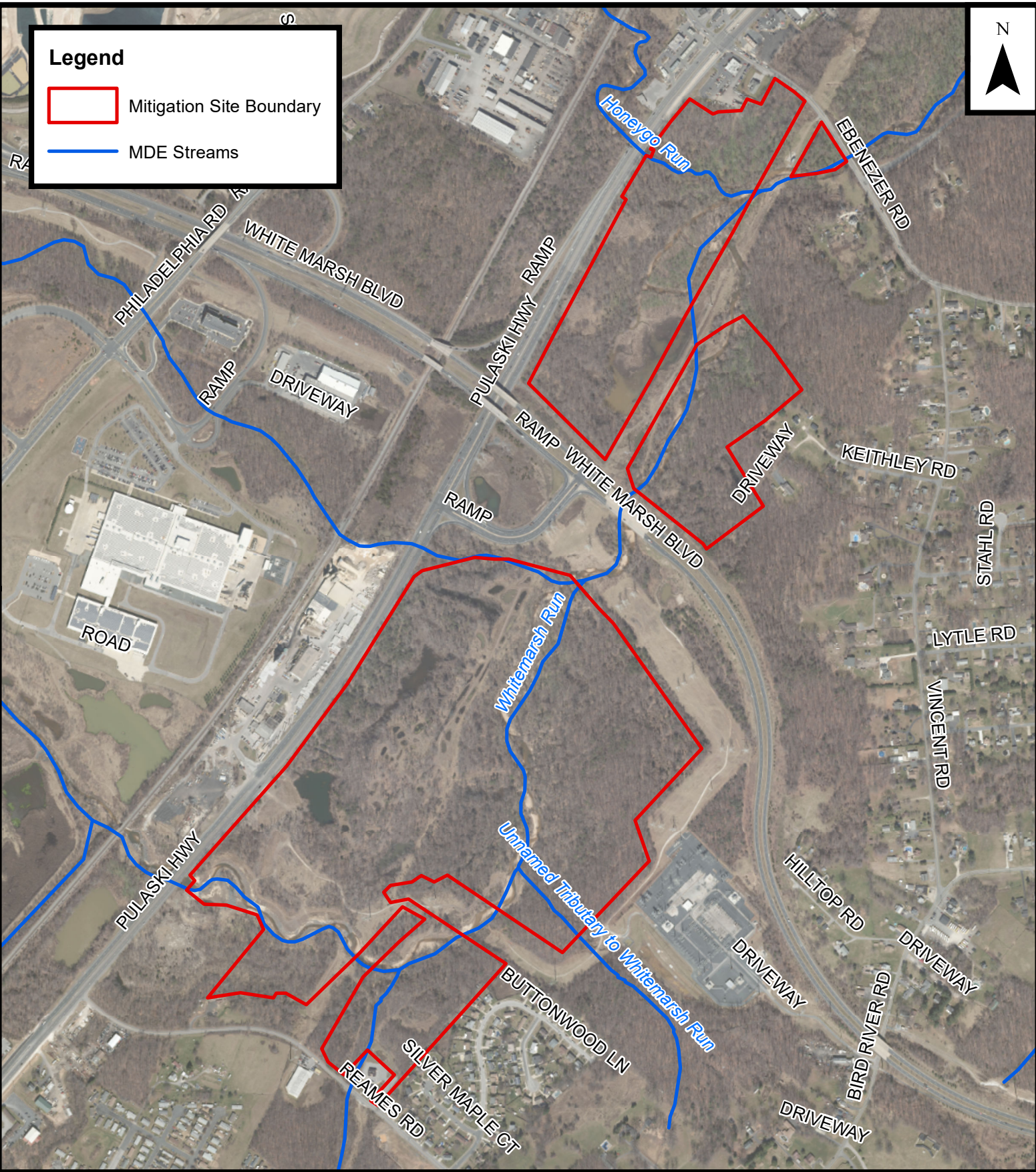
DATE: JANUARY 2021

SCALE: 1" = 15,000'

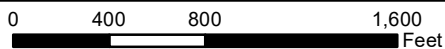


**Legend**

-  Mitigation Site Boundary
-  MDE Streams



**FIGURE 4: WHITEMARSH RUN  
MITIGATION SITE  
I-95 ETL NB EXTENSION  
SECTION 200 PHASE I  
HARFORD/BALTIMORE COUNTY, MARYLAND**





**SOURCE: ESRI**

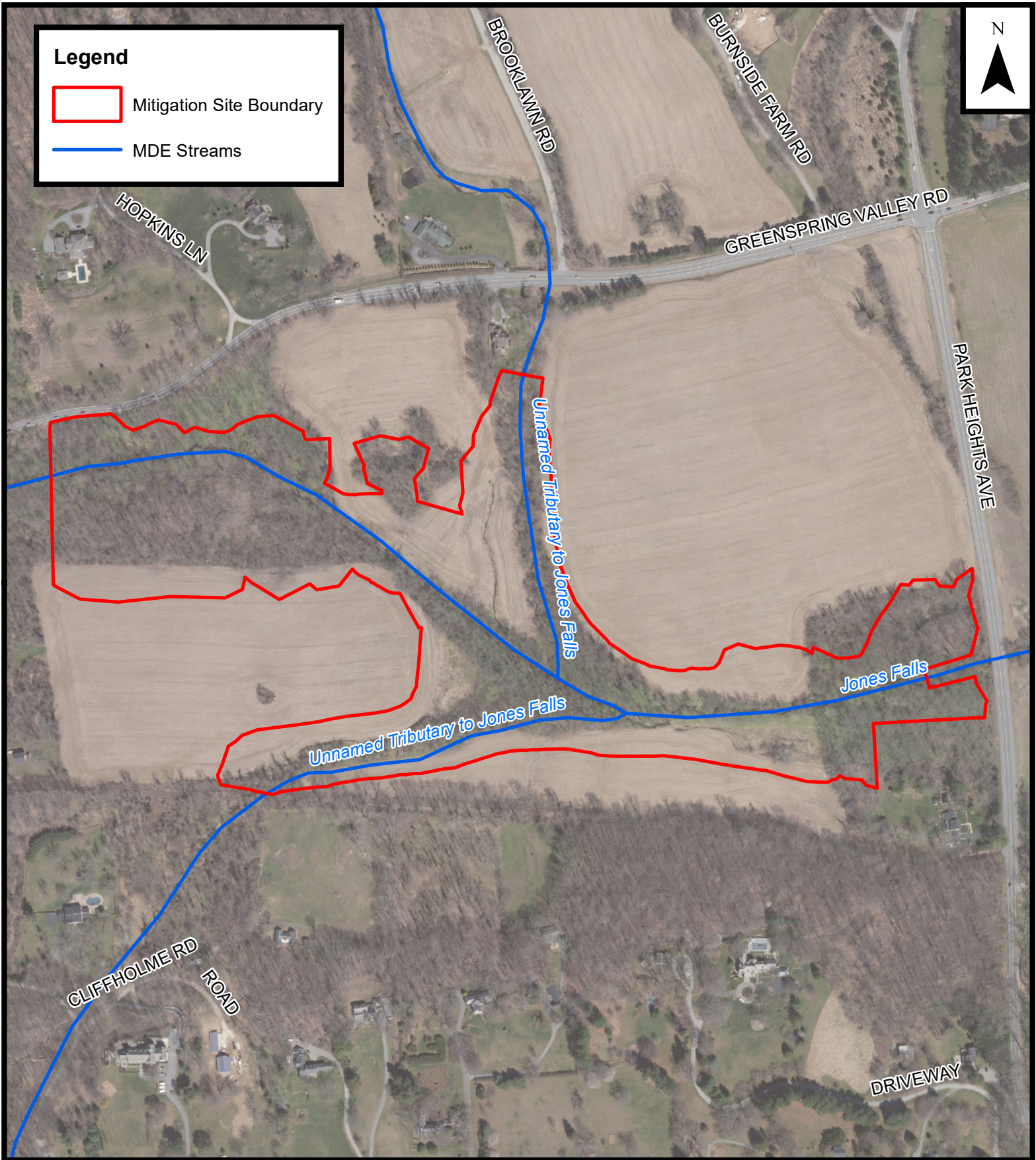
**DATE: JULY 2020**

**SCALE: 1" = 800'**

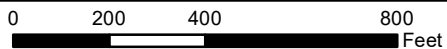


**Legend**

-  Mitigation Site Boundary
-  MDE Streams



**FIGURE 5: ECCLESTON  
MITIGATION SITE  
I-95 ETL NB EXTENSION  
SECTION 200 PHASE I  
HARFORD/BALTIMORE COUNTY, MARYLAND**

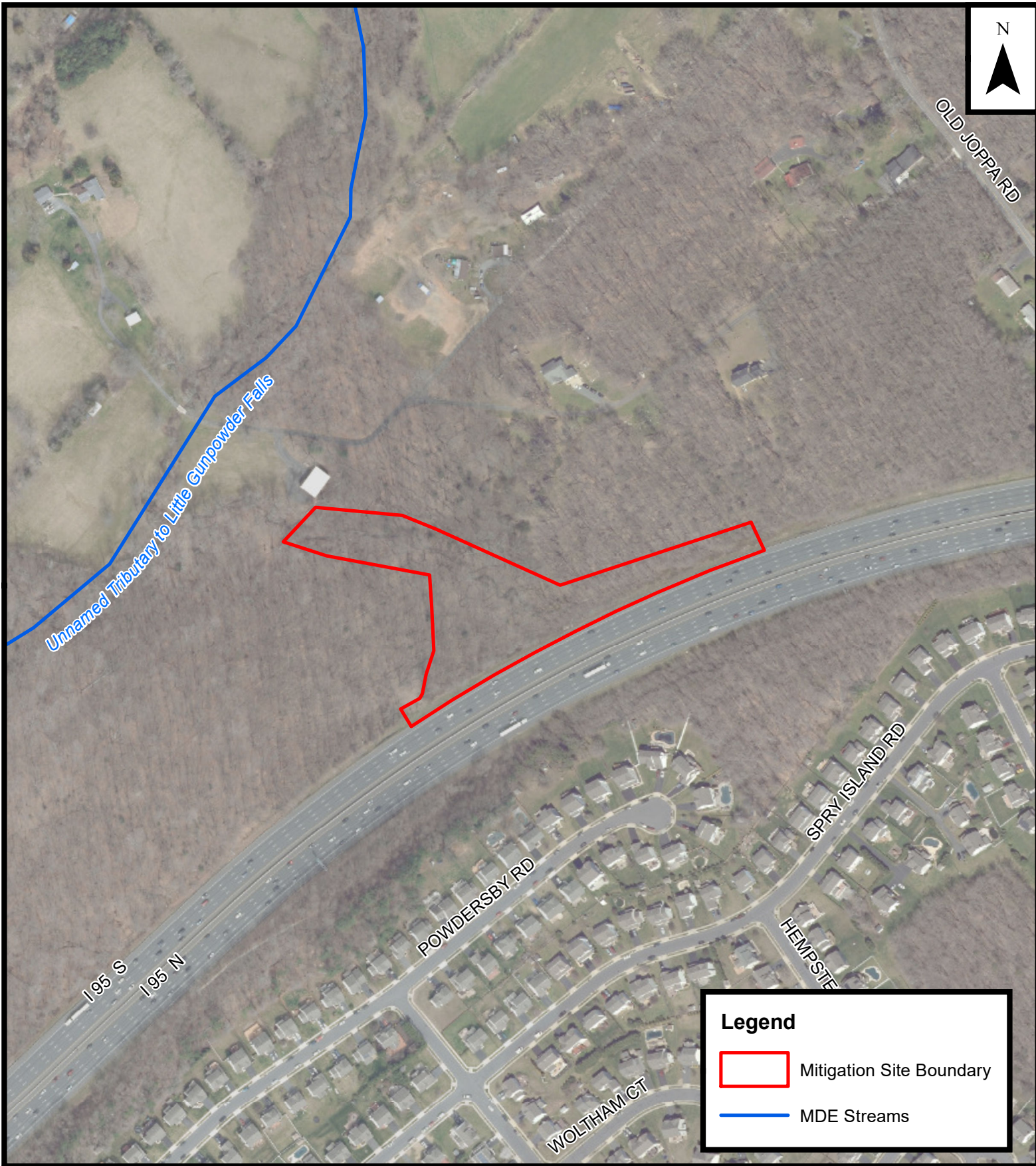


**SOURCE: ESRI**



**DATE: JULY 2020**

**SCALE: 1" = 400'**





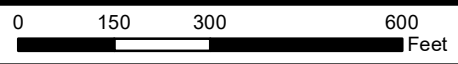
**Legend**

-  Mitigation Site Boundary
-  MDE Streams



**FIGURE 6: WUS 18A MITIGATION SITE**

**I-95 ETL NB EXTENSION  
SECTION 200 PHASE I  
HARFORD/BALTIMORE COUNTY, MARYLAND**



SOURCE: ESRI

DATE: JULY 2020

SCALE: 1" = 300'

**I-95 ETL NB Extension, Section 200 Phase I  
Wetland Impact Summary Table  
February 2021**

Contract	Wetland	Classification	USACE Regulated	MDE Regulated	Mitigation Required	Total Wetland Impacts (SF)		Total Wetland Buffer Impacts (SF)	
						Permanent	Temporary	Permanent	Temporary
KH-3009 and KH-3016	BRBR-WET1	PFO	Y	Y	Y	464	0	3,778	0
KH-3009	BRBR-WET22	PEM	Y	Y	Y	6,884	0	19,471	0
KH-3009	BRBR-WET22	PSS	Y	Y	Y	966	0		
KH-3009	GPJR-WET5	PFO	Y	Y	Y	1,051	0	7,343	0
KH-3009	GPJR-WET6	PFO	Y	Y	Y	4,305	0	11,738	0
KH-3009	GPJR-WET7	PEM	Y	Y	Y	17,169	0	53,777	0
KH-3009	GPJR-WET8	PFO	Y	Y	Y	14,298	0		
KH-3009	WET 10A	PFO/PEM	Y	Y	Y	1,670	0	9,887	0
KH-3009 and KH-3015*	WET 11A	PSS	N	Y	Y	169	0	2,284	0
KH-3009	WET 104	PEM	N	Y	Y	1,595	0	12,410	0
KH-3009	WET 105	PFO	N	Y	N	0	0	1,275	0
KH-3009	WET 106	PEM	N	Y	Y	2,447	0	11,432	0
KH-3009	WET F	PEM	Y	Y	Y	365	0	4,307	0
KH-3009	WET H	PEM	Y	Y	Y	1,317	0	11,721	0
KH-3009	WP001	PFO	N	Y	Y	968	0	5,771	0
KH-3009 Onsite Mitigation	WET 103	PEM	Y	Y	N	0	10,363	0	39,674
KH-3009 Onsite Mitigation	WET 20A	PFO	Y	Y	N	0	9,904		
KH-3009 Onsite Mitigation	WET 93A	PFO	Y	Y	N	0	218		
KH-3010	WETLAND H	PFO/PEM	Y	Y	Y	2,386	0	5,628	0
KH-3010	WETLAND L	PFO	N	Y	N	0	0	875	0
KH-3010	WETLAND S	PFO	Y	Y	Y	900	0	4,946	0
KH-3010	WETLAND X	PFO	Y	Y	Y	6,039	0	8,933	0
KH-3013	BRBR-WET98	PFO	Y	Y	Y	273	0	2,823	0
KH-3013	GPJR-WET4	PFO	Y	Y	Y	39,600	0	62,299	549
KH-3013	WET95A	PFO	Y	Y	Y	1,533	0	9,625	134
KH-3013	WET96A	PFO	Y	Y	Y	628	0	3,518	0
KH-3014	WET 97A	PFO	Y	Y	Y	143	0	3,112	0
KH-3016	GPJR-WET1	PFO	Y	Y	Y	3,431	0	11,783	0
KH-3016	WET J	PFO	Y	Y	Y	3,716	0	9,515	0
KH-3016	WET K	PEM	N	Y	Y	91	0	4,565	0
KH-3016	WET K	Vernal Pool	N	Y	Y	420	0		
KH-3028 Mitigation	WETLAND WL007	PFO	Y	Y	N	0	9,038	0	2,261
<b>Impact Totals</b>						<b>112,828</b>	<b>29,523</b>	<b>282,816</b>	<b>42,618</b>

\*Please note that the LODs of KH-3009 and KH-3015 overlap in the vicinity of WET 11A's buffer. Due to this overlap, the buffer impact listed in this table does not match the totals shown on either the KH-3009 or KH-3015 plates. The impact listed here has been calculated in a way that avoids double-counting.

Agency-Specific Impact Totals	Wetland Impacts (SF)		Buffer Impacts (SF)	
	Permanent	Temporary	Permanent	Temporary
<b>USACE Regulated Wetland Totals</b>				
Total PEM	25,735	10,363	N/A	N/A
Total PSS	966	0	N/A	N/A
Total PFO	76,381	19,160	N/A	N/A
Total Vernal Pool	0	0	N/A	N/A
Total PFO/PEM	4,056	0	N/A	N/A
<b>USACE TOTAL</b>	<b>107,138</b>	<b>29,523</b>	N/A	N/A
<b>MDE Regulated Wetland Totals</b>				
Total PEM	29,868	10,363	N/A	N/A
Total PSS	1,135	0	N/A	N/A
Total PFO	77,349	19,160	N/A	N/A
Total Vernal Pool	420	0	N/A	N/A
Total PFO/PEM	4,056	0	N/A	N/A
Total Wetland Buffer	N/A	N/A	282,816	42,618
<b>MDE TOTAL</b>	<b>112,828</b>	<b>29,523</b>	<b>282,816</b>	<b>42,618</b>



**I-95 ETL NB Extension, Section 200 Phase I  
Waterway Impact Summary Table  
February 2021**

Contract	Waterway	Classification	USACE Regulated	MDE Regulated	Mitigation Required	Total Waterway Impacts				Total Floodplain Impacts (SF)	
						Permanent		Temporary		Permanent	Temporary
						LF	SF	LF	SF		
KH-3009 and KH-3014	Floodplain	N/A	N	Y	N	-	-	-	-	154,459	18,291
KH-3009	BRBR-WUS1	Perennial	Y	Y	Y	44	429	0	0	-	-
KH-3009	BRBR-WUS8	Perennial	Y	Y	Y	38	309	0	0	-	-
KH-3009	GPJR-WUS1	Intermittent	Y	Y	Y	924	7,988	0	0	-	-
KH-3009 and KH-3016*	GPJR-WUS1A	Intermittent	Y	Y	Y	76	700	0	0	-	-
KH-3009 and KH-3016*	GPJR-WUS1B	Intermittent	Y	Y	Y	136	688	0	0	-	-
KH-3009	GPJR-WUS2A	Ephemeral	Y	N	N	127	790	0	0	-	-
KH-3009	GPJR-WUS2B	Intermittent	Y	Y	Y	26	109	0	0	-	-
KH-3009	WUS 2A	Perennial	Y	Y	N	0	0	0	0	-	-
KH-3009	WUS 6A (Big Gunpowder Pier Removal)	Perennial	Y	Y	N	32	1,195	0	0	-	-
KH-3009	WUS 6A (Big Gunpowder)	Perennial	Y	Y	Y	146	585	47	8,327	-	-
KH-3009	WUS 7A	Ephemeral	Y	N	Y	49	294	0	0	-	-
KH-3009	WUS 8A	Ephemeral	Y	N	N	14	14	37	93	-	-
KH-3009	WUS 9A	Perennial	Y	Y	Y	30	160	0	0	-	-
KH-3009	WUS 12A	Perennial	Y	Y	Y	55	283	0	0	-	-
KH-3009	WUS 13A	Intermittent	Y	Y	Y	150	702	0	0	-	-
KH-3009	WUS 14A	Perennial	Y	Y	Y	43	573	4	83	-	-
KH-3009	WUS 15A	Ephemeral	Y	N	N	65	210	0	0	-	-
KH-3009	WUS 16A (Little Gunpowder)	Perennial	Y	Y	Y	187	2,027	41	2,589	-	-
KH-3009	WUS 18A	Intermittent	Y	Y	Y	313	1,267	0	0	-	-
KH-3009	WUS 18A	Perennial	Y	Y	Y	450	3,012	0	0	-	-
KH-3009	WUS 19A	Ephemeral	Y	N	Y	265	850	0	0	-	-
KH-3009	WUS 20A	Perennial	Y	Y	Y	26	32	0	0	-	-
KH-3009	WUS 21A	Ephemeral	Y	N	N	110	417	0	0	-	-
KH-3009	WUS 103	Intermittent	N	Y	Y	56	143	0	0	-	-
KH-3009	WUS 103 Culverted	Intermittent	N	Y	N	91	299	0	0	-	-
KH-3009	WUS 104	Intermittent	Y	Y	Y	40	215	0	0	-	-
KH-3009	WUS B	Ephemeral	Y	N	N	751	739	0	0	-	-
KH-3009	WUS C	Ephemeral	Y	N	N	292	652	0	0	-	-
KH-3009	WUS D	Ephemeral	Y	N	N	205	701	0	0	-	-
KH-3009	WUS E	Ephemeral	Y	N	N	80	60	0	0	-	-
KH-3009	WUS F	Ephemeral	Y	N	N	47	59	0	0	-	-
KH-3009	WUS K	Ephemeral	Y	N	N	366	631	0	0	-	-
KH-3009	WUS M	Ephemeral	Y	N	N	846	2,881	0	0	-	-
KH-3009 and KH-3016*	WUS O	Intermittent	Y	Y	Y	66	213	0	0	-	-
KH-3009 and KH-3016*	WUS P	Ephemeral	Y	N	N	492	2,853	0	0	-	-
KH-3009 and KH-3016*	WUS P	Intermittent	Y	Y	Y	114	700	0	0	-	-
KH-3009 Onsite Mitigation	WUS 18A	Perennial	Y	Y	N	690	8,494	8	58	-	-
KH-3010	Floodplain	N/A	N	Y	N	-	-	-	-	38,803	588
KH-3010	WATERS E	Intermittent	Y	Y	Y	53	339	42	263	-	-
KH-3010	WATERS F	Perennial	Y	Y	Y	0	0	157	469	-	-
KH-3010	WATERS G	Perennial	Y	Y	Y	51	355	21	170	-	-
KH-3010	WATERS I	Intermittent	Y	Y	Y	111	423	0	0	-	-
KH-3010	WATERS J	Perennial	Y	Y	Y	53	183	22	96	-	-
KH-3010	WATERS K	Intermittent	Y	Y	Y	42	402	16	82	-	-
KH-3010	WATERS M	Perennial	Y	Y	Y	72	592	39	297	-	-
KH-3010	WATERS N	Intermittent	Y	Y	Y	48	280	25	174	-	-
KH-3010	WATERS V Relocation	Intermittent	Y	Y	N	850	4,388	34	146	-	-
KH-3010	WATERS V	Intermittent	Y	Y	Y	17	64	293	2,320	-	-
KH-3013	BRBR-WUS9	Perennial	Y	Y	Y	47	236	12	35	-	-
KH-3013	BRBR-WUS98	Perennial	Y	Y	Y	8	25	5	15	-	-
KH-3013	BRBR-WUS99	Intermittent	Y	Y	Y	146	773	96	503	-	-
KH-3013	BRBR-WUS99	Perennial	Y	Y	Y	28	118	0	0	-	-
KH-3013	GPJR-WUS1	Perennial	Y	Y	Y	0	0	3	21	-	-
KH-3013	GPJR-WUS4	Perennial	Y	Y	Y	27	19	46	34	-	-
KH-3014	WUS 44A	Ephemeral	Y	N	N	52	282	0	0	-	-
KH-3015	WUS Y	Ephemeral	Y	N	N	105	355	47	163	-	-
KH-3016	GPJR-WUS3	Intermittent	Y	Y	Y	76	624	12	99	-	-
KH-3016	GPJR-WUS10B	Intermittent	Y	Y	Y	15	68	5	30	-	-
KH-3028 Mitigation	Floodplain	N/A	N	Y	N	-	-	-	-	0	15,774
KH-3028 Mitigation	WUS WL001 (Car)	Perennial	Y	Y	N	78	1,114	316	10,571	-	-
KH-3028 Mitigation	WUS WL002 (Car)	Ephemeral	Y	N	N	14	118	0	0	-	-
KH-3028 Mitigation	WUS WL003 (Car)	Intermittent	Y	Y	N	868	6,131	73	448	-	-
KH-3028 Mitigation	WUS WL004	Ephemeral	Y	N	N	153	1,342	0	0	-	-
<b>Impact Totals</b>						<b>10,356</b>	<b>59,505</b>	<b>1,401</b>	<b>27,086</b>	<b>193,262</b>	<b>34,653</b>

\*Please note that the LODs of KH-3009 and KH-3016 overlap in the vicinity of resources WUS P INT, WUS P EPH, GPJR-WUS1A, GPJR-WUS1B, and WUS O. Due to this overlap, the impacts listed in this table may not exactly match the totals shown on the KH-3009 or KH-3016 plates. The impacts listed here have been calculated in a way that avoids double-counting.

Agency-Specific Impact Totals	Waterway Impacts				Floodplain Impacts (SF)	
	Permanent		Temporary		Permanent	Temporary
	LF	SF	LF	SF		
<b>USACE Regulated Waterways Totals</b>						
Total Perennial	2,105	19,741	721	22,765	N/A	N/A
Total Intermittent	4,071	26,074	596	4,065	N/A	N/A
Total Ephemeral	4,033	13,248	84	256	N/A	N/A
<b>USACE TOTAL</b>	<b>10,209</b>	<b>59,063</b>	<b>1,401</b>	<b>27,086</b>	<b>N/A</b>	<b>N/A</b>
<b>MDE Regulated Wetland Totals</b>						
Total Perennial	2,105	19,741	721	22,765	N/A	N/A
Total Intermittent	4,218	26,516	596	4,065	N/A	N/A
Total Floodplain	N/A	N/A	N/A	N/A	193,262	34,653
<b>MDE TOTAL</b>	<b>6,323</b>	<b>46,257</b>	<b>1,317</b>	<b>26,830</b>	<b>193,262</b>	<b>34,653</b>