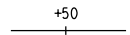
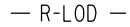
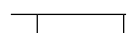
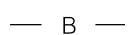
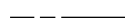
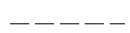
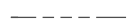


LEGEND

-  BASELINE OF CONSTRUCTION
-  LOD — LIMITS OF DISTURBANCE
-  R-LOD — RESTORATION LOD
-  100-YEAR FLOODPLAIN
-  WUS — WATERS OF THE US
-  NON-TIDAL WETLAND BOUNDARY
-  B — 25FT NON-TIDAL WETLAND BUFFER
-  TIER II WATERSHED BOUNDARY
-  EXTENTS OF EXISTING MINING PERMIT
-  EDGE OF WOODS
-  EXISTING EDGE OF ROAD
-  PROPOSED EDGE OF ROAD
-  PARCEL BOUNDARY
-  EXISTING RIGHT OF WAY
-  PROPOSED ROW
-  EXISTING EASEMENT
-  PROPOSED TEMPORARY EASEMENT
-  EXISTING CONTOURS

TOTAL ESTIMATED INTERCHANGE IMPACTS:

-  PERMANENT IMPACTS TO NON-TIDAL WETLANDS = 55,364 SQ. FT. / 1.27 AC.
-  PERMANENT IMPACTS TO NON-TIDAL WETLAND BUFFERS = 165,660 SQ. FT.
-  PERMANENT IMPACTS TO WATERS OF THE U.S. = 14,650 SQ. FT./ 3,143 LF
-  PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 1,572 SQ. FT.

THERE ARE NO RESOURCE IMPACTS AT THE STANGING / STOCKPILE AREA.

TOTAL ESTIMATED MITIGATION IMPACTS:

-  TEMPORARY IMPACTS TO NON-TIDAL WETLAND = 31,917 SQ. FT. / 0.73 AC.
-  TEMPORARY IMPACTS TO NON-TIDAL WETLAND BUFFERS = 47,971 SQ. FT.
-  TEMPORARY IMPACTS TO WATERS OF THE U.S. = 23,010 SQ. FT./ 2,225 LF

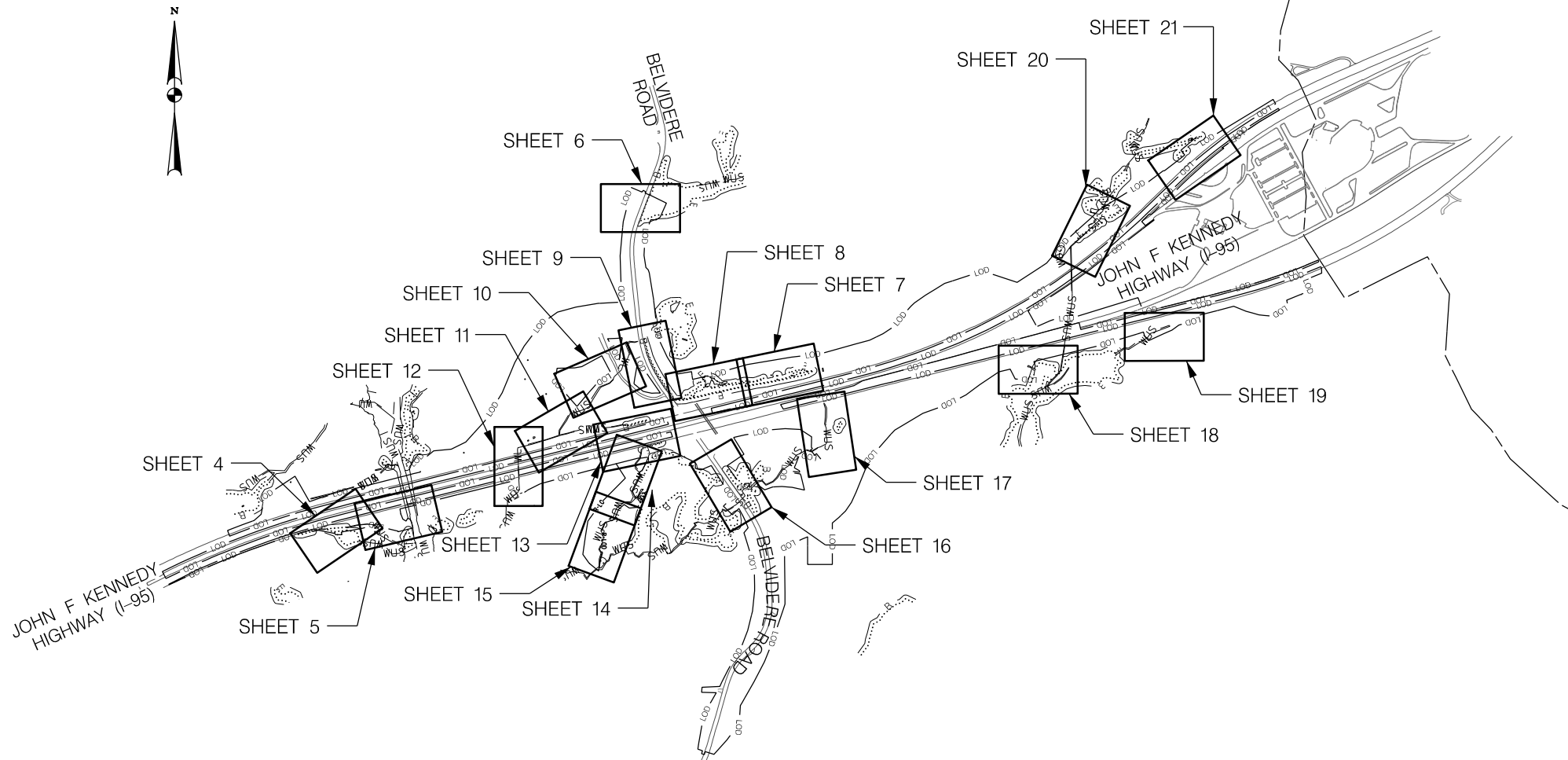
THESE IMPACT NUMBERS INCLUDE THE OFF-SITE WETLAND MITGATION AREA.

THERE ARE NO IMPACTS AT THE TIER II REFORESTATION SITE.

I-95 AT BELVIDERE ROAD INTERCHANGE WETLAND & WATERWAY IMPACTS IMPACT SUMMARY

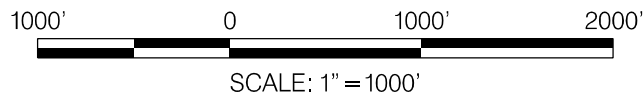
STATE: MARYLAND COUNTY: CECIL
APPLICATION BY: MDTA
CONTRACT: KH-3024-0000
SHT 1 OF 23 DATE: SEPTEMBER 2021





NOTES:

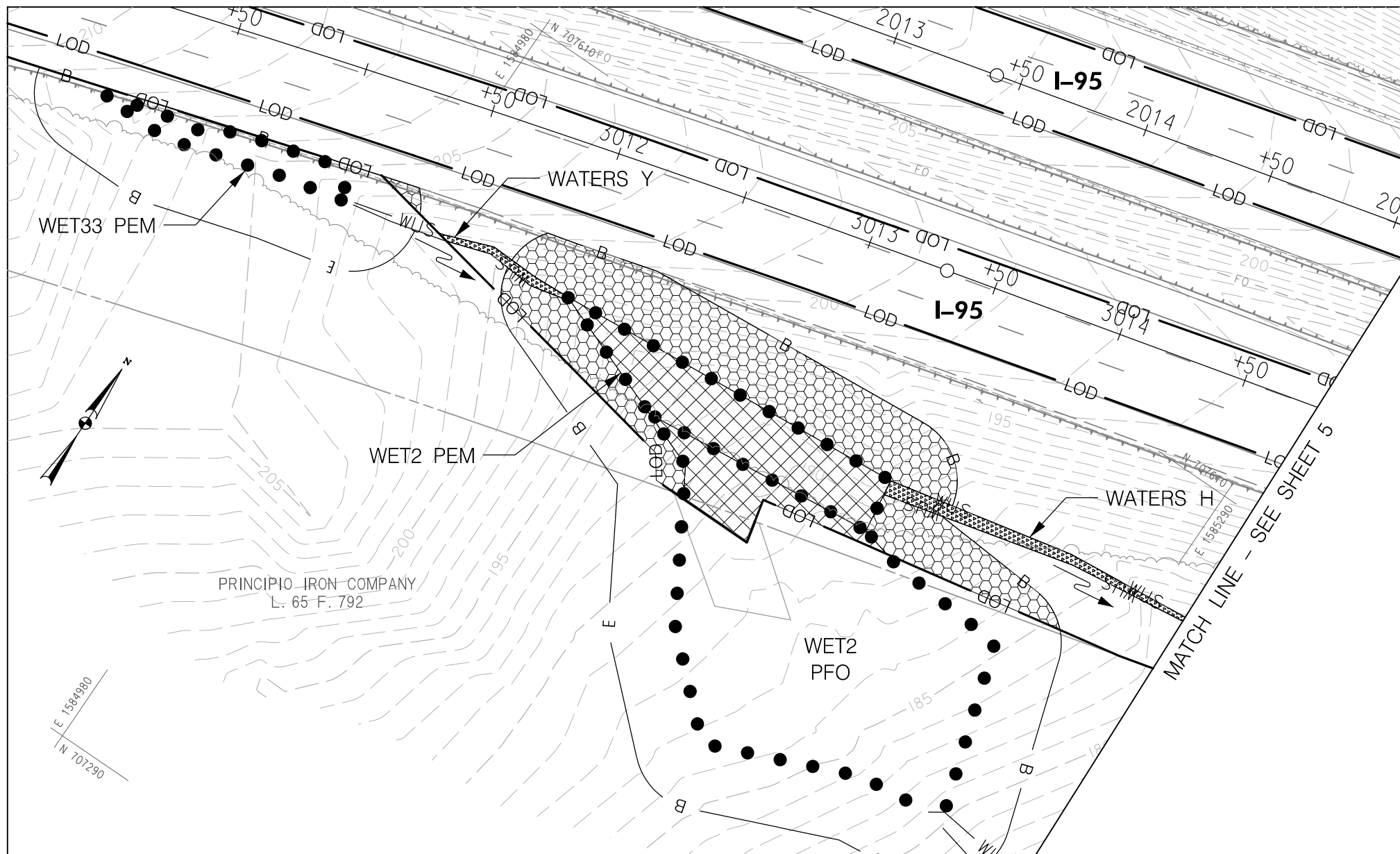
1. LOD ENTIRELY WITHIN TIER II WATERSHED
2. STREAMS ARE USE III (CLOSURE PERIOD IS OCT 1 TO APRIL 30)
3. SEE KEY MAP ON SHEET 3 FOR OFF-SITE MITIGATION (LITTLE NORTHEAST CREEK SITE)



I-95 AT BELVIDERE ROAD INTERCHANGE
KEY MAP
WETLAND & WATERWAY IMPACTS:
INTERCHANGE & ON-SITE MITIGATION

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PERMANENT IMPACTS TO NON-TIDAL
WETLANDS = 3,689 SQ. FT.



PERMANENT IMPACTS TO NON-TIDAL
WETLAND BUFFER = 6,815 SQ. FT.



PERMANENT IMPACTS TO WATERS OF
THE U.S. = 613 SQ. FT. / 175 L.F.



PERMANENT IMPACTS TO 100-YEAR
FLOODPLAIN = 0 SQ. FT.



TEMPORARY IMPACTS TO NON-TIDAL
WETLANDS = 0 SQ. FT.



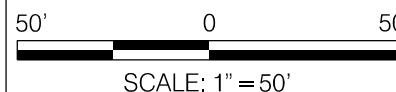
TEMPORARY IMPACTS TO NON-TIDAL
WETLAND BUFFERS = 0 SQ. FT.



TEMPORARY IMPACTS TO WATERS OF
THE U.S. = 0 SQ. FT. / 0 L.F.



TEMPORARY IMPACTS TO 100-YEAR
FLOODPLAIN = 0 SQ. FT.



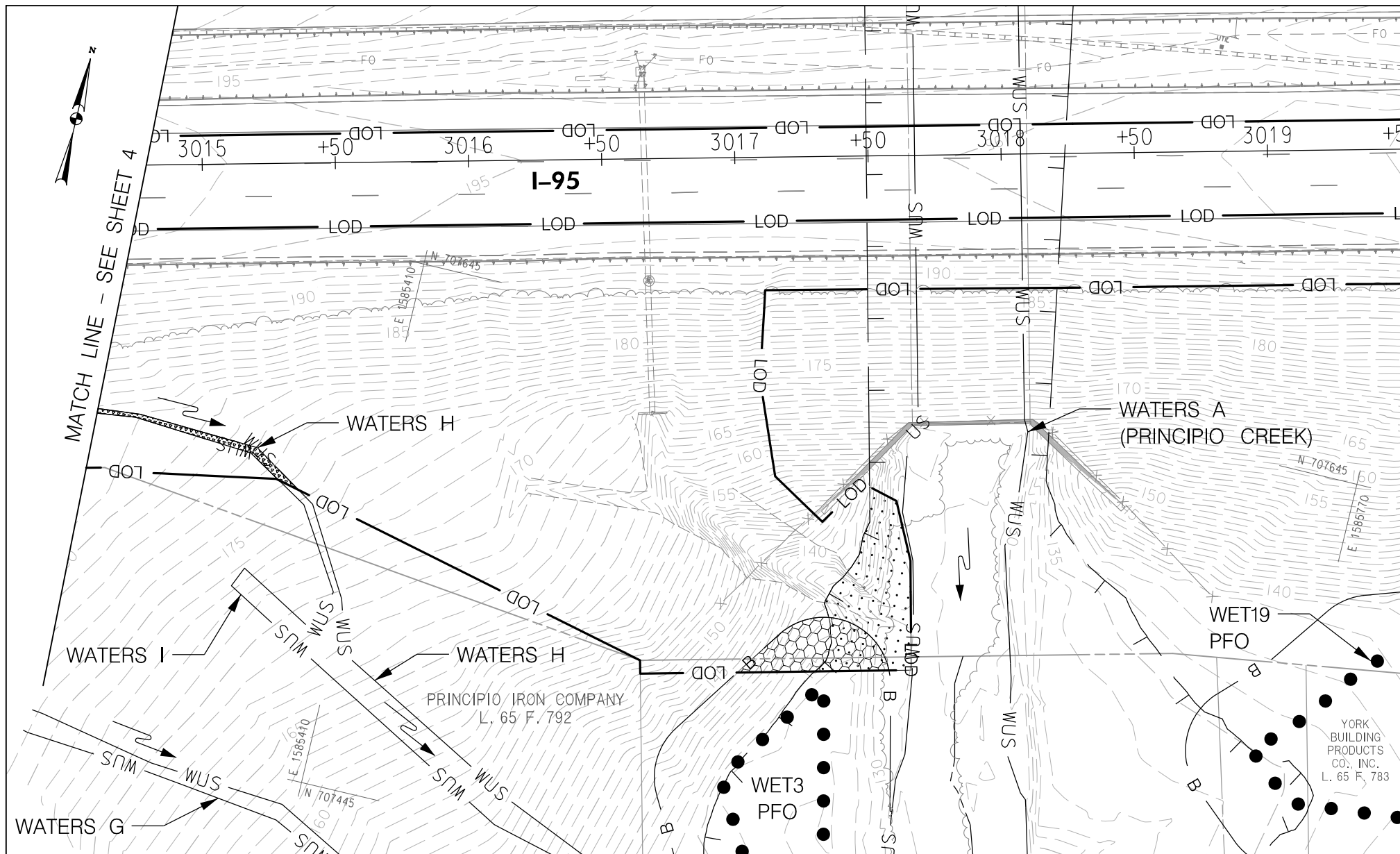
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I-95 AT BELVIDERE ROAD INTERCHANGE
WETLAND & WATERWAY IMPACTS:
INTERCHANGE & ON-SITE MITIGATION

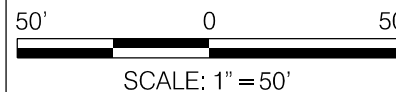
STATE: MARYLAND
APPLICATION BY: MDTA
CONTRACT: KH-3024-0000
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	PERMANENT IMPACTS TO NON-TIDAL WETLANDS = 0 SQ. FT.
	PERMANENT IMPACTS TO NON-TIDAL WETLAND BUFFER = 788 SQ. FT.
	PERMANENT IMPACTS TO WATERS OF THE U.S. = 172 SQ. FT. / 84 L.F.
	PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 1,572 SQ. FT.

	TEMPORARY IMPACTS TO NON-TIDAL WETLANDS = 0 SQ. FT.
	TEMPORARY IMPACTS TO NON-TIDAL WETLAND BUFFERS = 0 SQ. FT.
	TEMPORARY IMPACTS TO WATERS OF THE U.S. = 0 SQ. FT. / 0 L.F.
	TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.

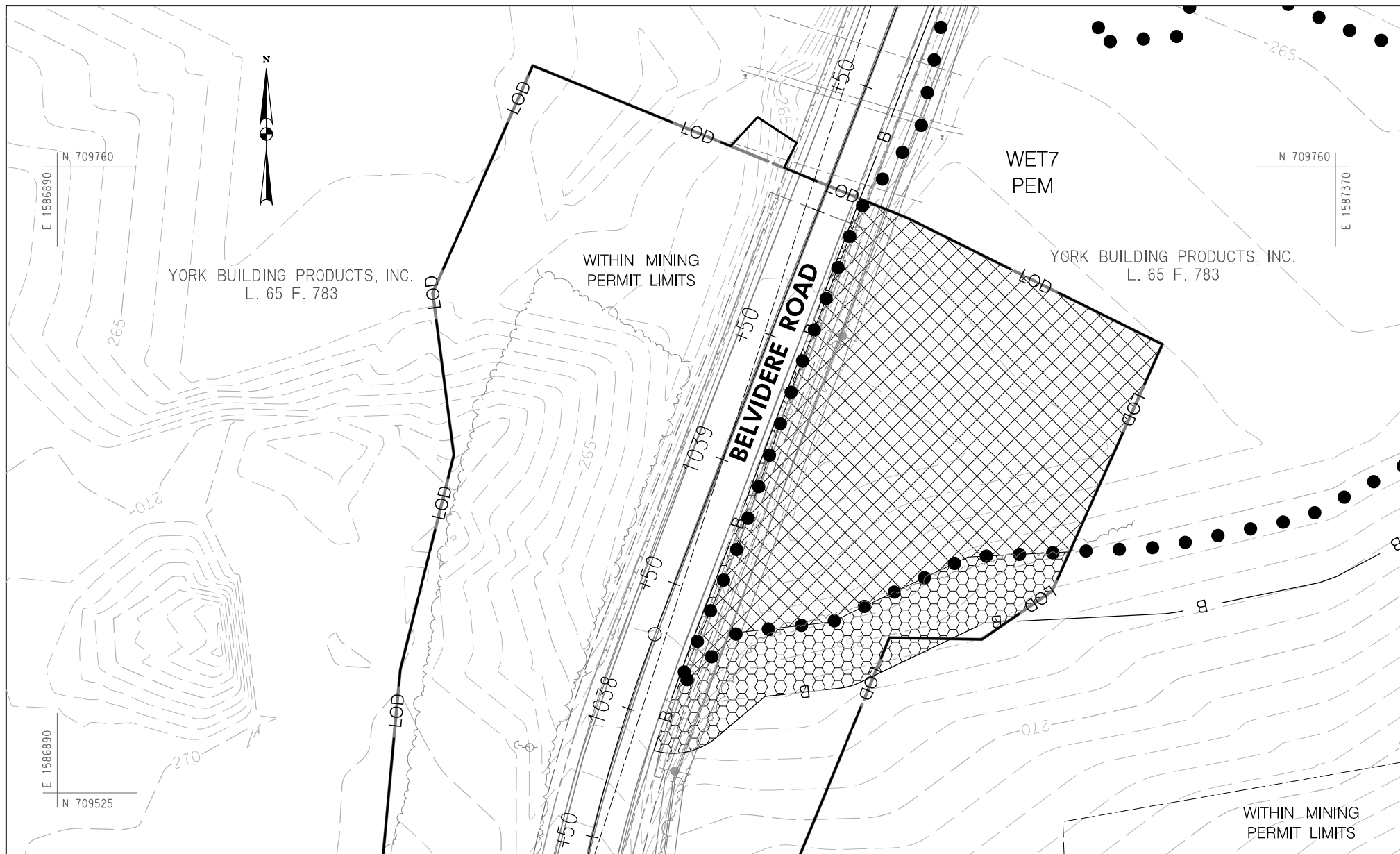


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I-95 AT BELVIDERE ROAD INTERCHANGE WETLAND & WATERWAY IMPACTS: INTERCHANGE & ON-SITE MITIGATION

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PERMANENT IMPACTS TO NON-TIDAL WETLANDS = 15,846 SQ. FT.



PERMANENT IMPACTS TO NON-TIDAL WETLAND BUFFER = 4,284 SQ. FT.



PERMANENT IMPACTS TO WATERS OF THE U.S. = 0 SQ. FT. / 0 L.F.



PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.



TEMPORARY IMPACTS TO NON-TIDAL WETLANDS = 0 SQ. FT.



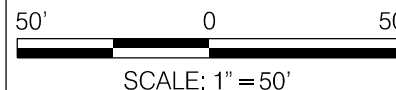
TEMPORARY IMPACTS TO NON-TIDAL WETLAND BUFFERS = 0 SQ. FT.



TEMPORARY IMPACTS TO WATERS OF THE U.S. = 0 SQ. FT. / 0 L.F.



TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.

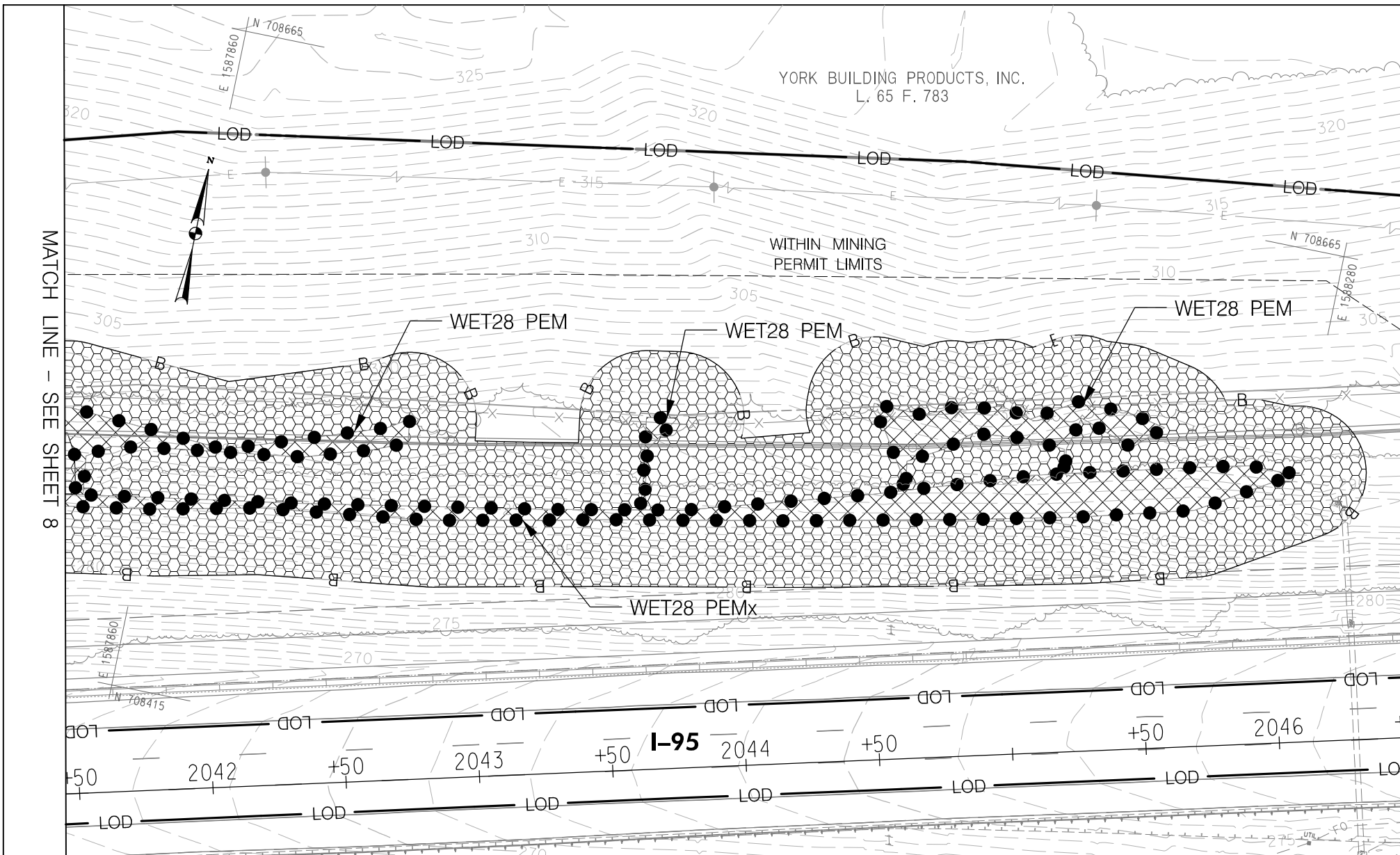


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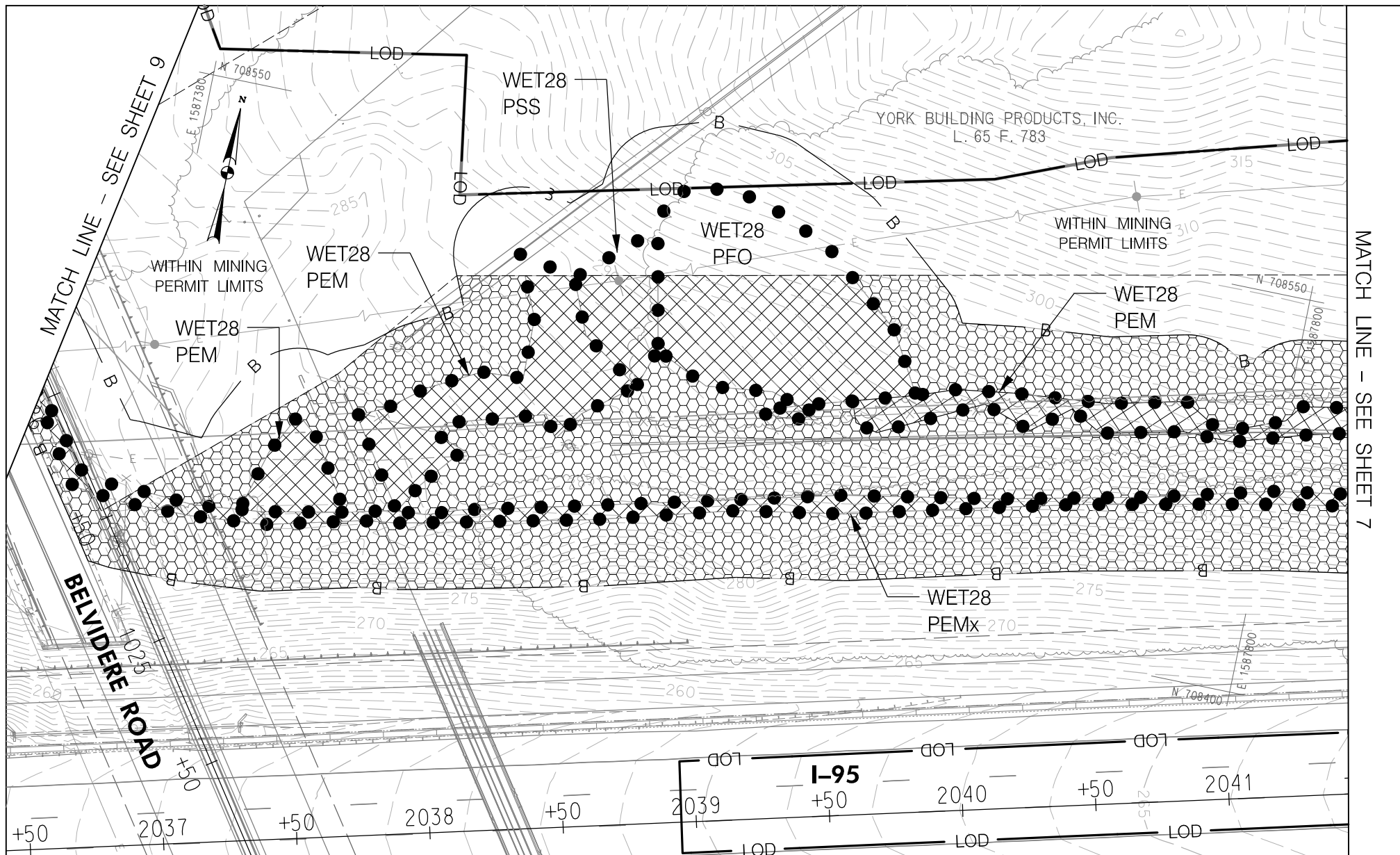
I-95 AT BELVIDERE ROAD INTERCHANGE
WETLAND & WATERWAY IMPACTS:
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STATE: MARYLAND
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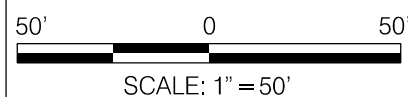


	PERMANENT IMPACTS TO NON-TIDAL WETLANDS = 5,751 SQ. FT.		TEMPORARY IMPACTS TO NON-TIDAL WETLANDS = 0 SQ. FT.	50'050' SCALE: 1" = 50'  WALLACE MONTGOMERY ENGINEERS-PLANNERS-SURVEYORS-CONSTRUCTION MANAGERS 10150 York Road, Suite 200 Hunt Valley, Maryland 21030 410.494.9093 Tel / 410.667.0925 Fax www.WallaceMontgomery.com A Limited Liability Partnership	I-95 AT BELVIDERE ROAD INTERCHANGE WETLAND & WATERWAY IMPACTS: INTERCHANGE & ON-SITE MITIGATION
	PERMANENT IMPACTS TO NON-TIDAL WETLAND BUFFER = 31,695 SQ. FT.		TEMPORARY IMPACTS TO NON-TIDAL WETLAND BUFFERS = 0 SQ. FT.		
	PERMANENT IMPACTS TO WATERS OF THE U.S. = 0 SQ. FT / 0 L.F.		TEMPORARY IMPACTS TO WATERS OF THE U.S. = 0 SQ. FT. / 0 L.F.		
	PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.		TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.		
				STATE: MARYLAND COUNTY: CECIL APPLICATION BY: MDTA CONTRACT: KH-3024-0000 SHT 7 OF 23 DATE: JUNE 2021	



	PERMANENT IMPACTS TO NON-TIDAL WETLANDS = 12,243 SQ. FT.
	PERMANENT IMPACTS TO NON-TIDAL WETLAND BUFFER = 31,785 SQ. FT.
	PERMANENT IMPACTS TO WATERS OF THE U.S. = 0 SQ. FT. / 0 L.F.
	PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.

	TEMPORARY IMPACTS TO NON-TIDAL WETLANDS = 0 SQ. FT.
	TEMPORARY IMPACTS TO NON-TIDAL WETLAND BUFFERS = 0 SQ. FT.
	TEMPORARY IMPACTS TO WATERS OF THE U.S. = 0 SQ. FT. / 0 L.F.
	TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.

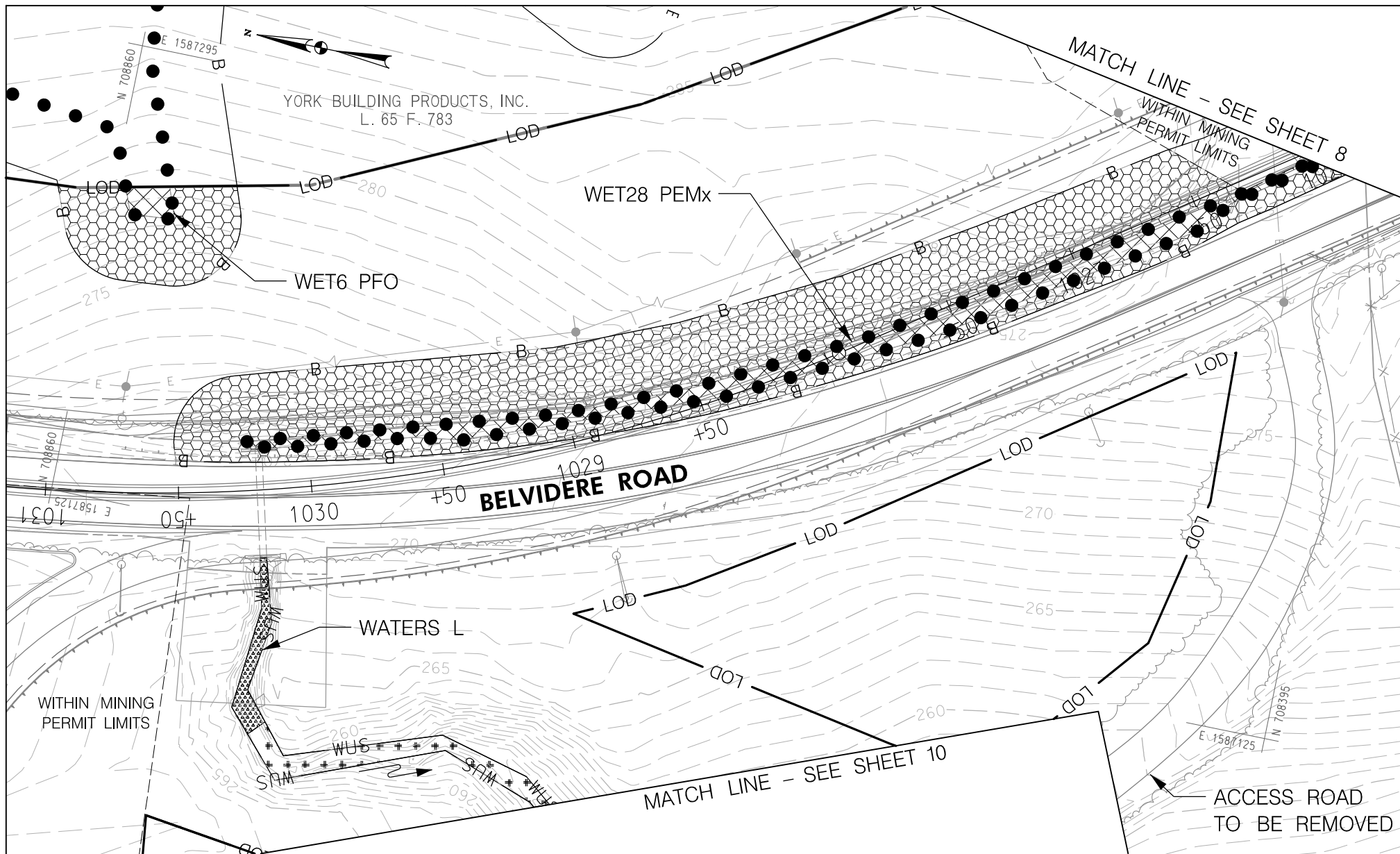


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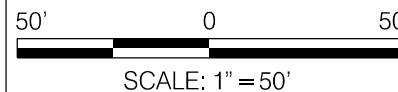
I-95 AT BELVIDERE ROAD INTERCHANGE
 WETLAND & WATERWAY IMPACTS:
 INTERCHANGE & ON-SITE MITIGATION

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	PERMANENT IMPACTS TO NON-TIDAL WETLANDS = 2,459 SQ. FT.		TEMPORARY IMPACTS TO NON-TIDAL WETLANDS = 0 SQ. FT.
	PERMANENT IMPACTS TO NON-TIDAL WETLAND BUFFER = 14,660 SQ. FT.		TEMPORARY IMPACTS TO NON-TIDAL WETLAND BUFFERS = 0 SQ. FT.
	PERMANENT IMPACTS TO WATERS OF THE U.S. = 315 SQ. FT. / 69 L.F.		TEMPORARY IMPACTS TO WATERS OF THE U.S. = 850 SQ. FT. / 125 L.F.
	PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.		TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.

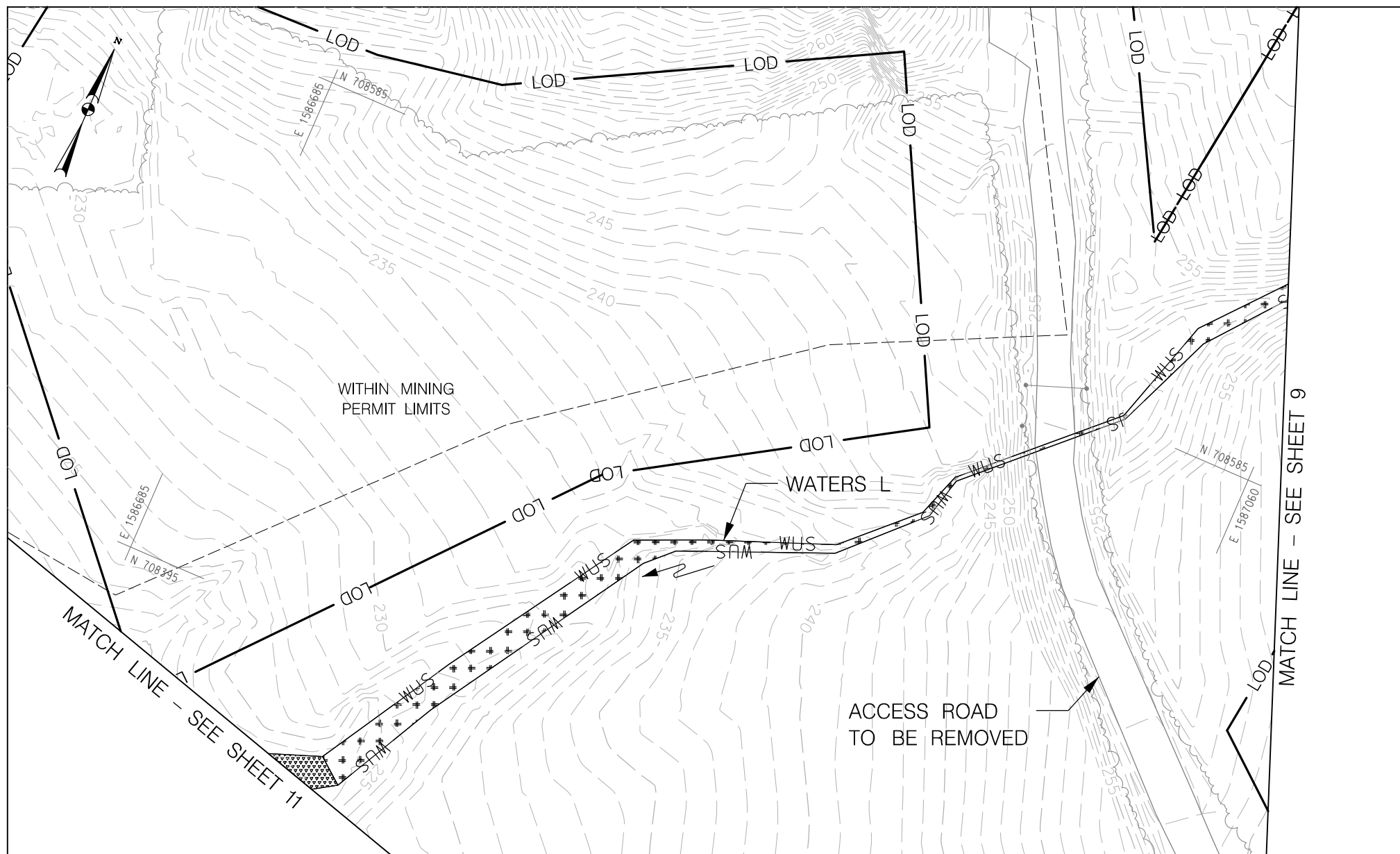


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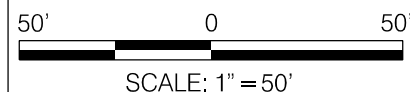
I-95 AT BELVIDERE ROAD INTERCHANGE
 WETLAND & WATERWAY IMPACTS:
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	PERMANENT IMPACTS TO NON-TIDAL WETLANDS = 0 SQ. FT.		TEMPORARY IMPACTS TO NON-TIDAL WETLANDS = 0 SQ. FT.
	PERMANENT IMPACTS TO NON-TIDAL WETLAND BUFFER = 0 SQ. FT.		TEMPORARY IMPACTS TO NON-TIDAL WETLAND BUFFERS = 0 SQ. FT.
	PERMANENT IMPACTS TO WATERS OF THE U.S. = 185 SQ. FT. / 20 L.F.		TEMPORARY IMPACTS TO WATERS OF THE U.S. = 2,341 SQ. FT. / 419 L.F.
	PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.		TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.

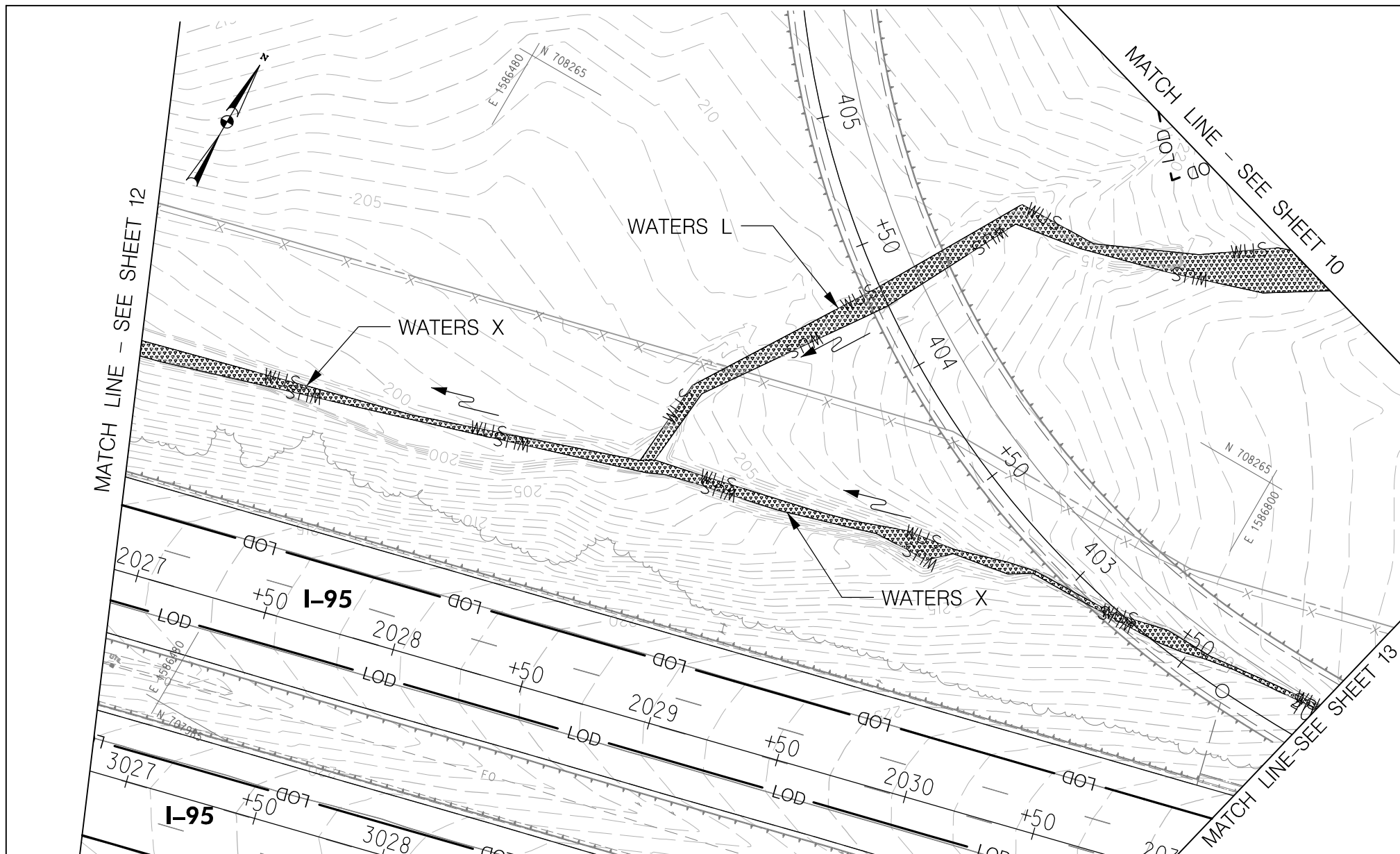


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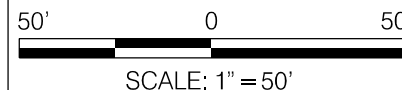
I-95 AT BELVIDERE ROAD INTERCHANGE
WETLAND & WATERWAY IMPACTS:
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	PERMANENT IMPACTS TO NON-TIDAL WETLANDS = 0 SQ. FT.		TEMPORARY IMPACTS TO NON-TIDAL WETLANDS = 0 SQ. FT.
	PERMANENT IMPACTS TO NON-TIDAL WETLAND BUFFER = 0 SQ. FT.		TEMPORARY IMPACTS TO NON-TIDAL WETLAND BUFFERS = 0 SQ. FT.
	PERMANENT IMPACTS TO WATERS OF THE U.S. = 3,534 SQ. FT. / 747 L.F.		TEMPORARY IMPACTS TO WATERS OF THE U.S. = 0 SQ. FT. / 0 L.F.
	PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.		TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.

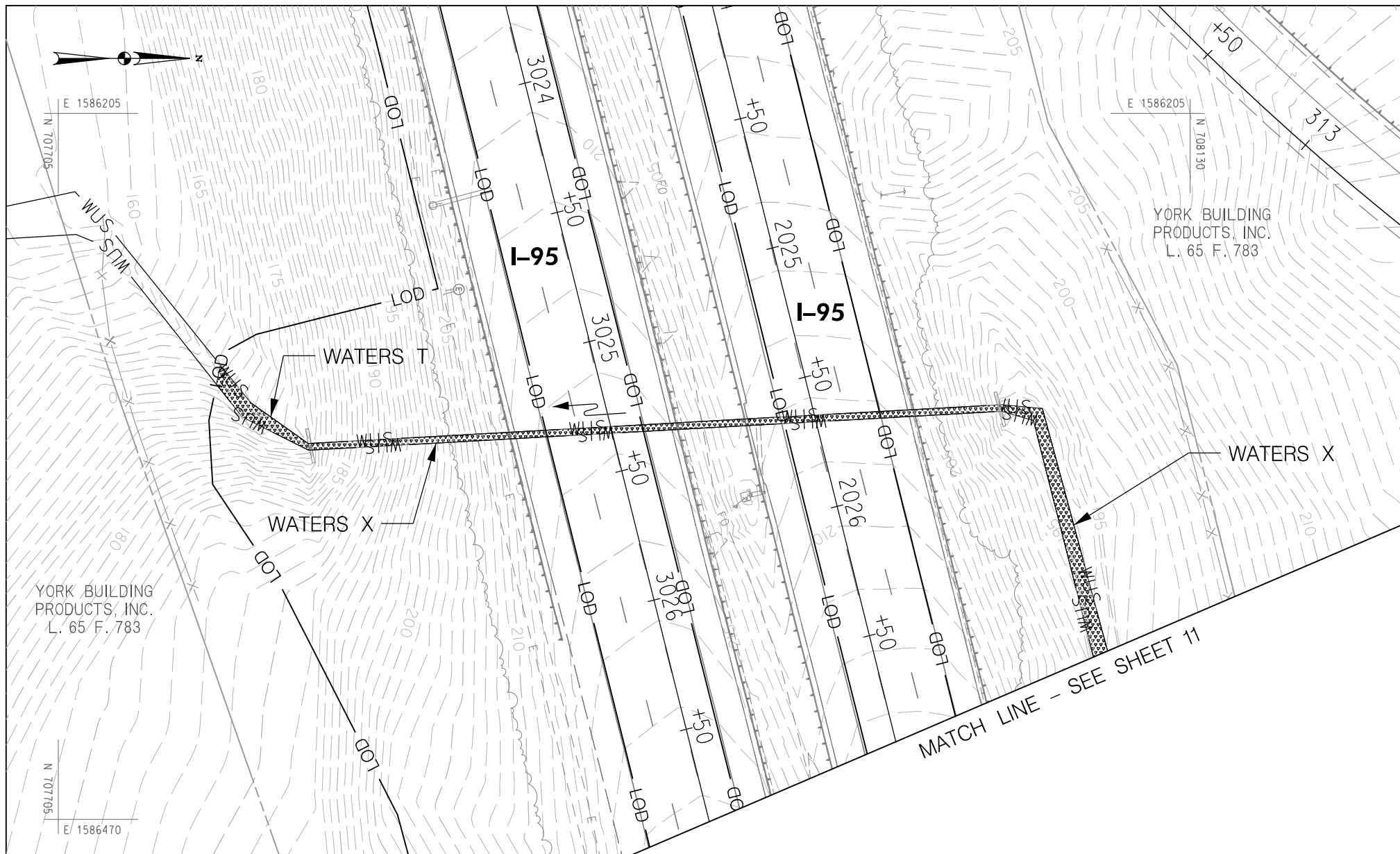


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 WETLAND & WATERWAY IMPACTS:
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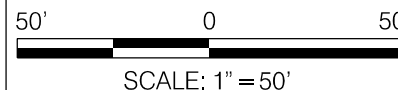
STATE: MARYLAND
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	PERMANENT IMPACTS TO NON-TIDAL WETLANDS = 0 SQ. FT.
	PERMANENT IMPACTS TO NON-TIDAL WETLAND BUFFER = 0 SQ. FT.
	PERMANENT IMPACTS TO WATERS OF THE U.S. = 1,384 SQ.FT. / 410 L.F.
	PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.

	TEMPORARY IMPACTS TO NON-TIDAL WETLANDS = 0 SQ. FT.
	TEMPORARY IMPACTS TO NON-TIDAL WETLAND BUFFERS = 0 SQ. FT.
	TEMPORARY IMPACTS TO WATERS OF THE U.S. = 0 SQ. FT. / 0 L.F.
	TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.

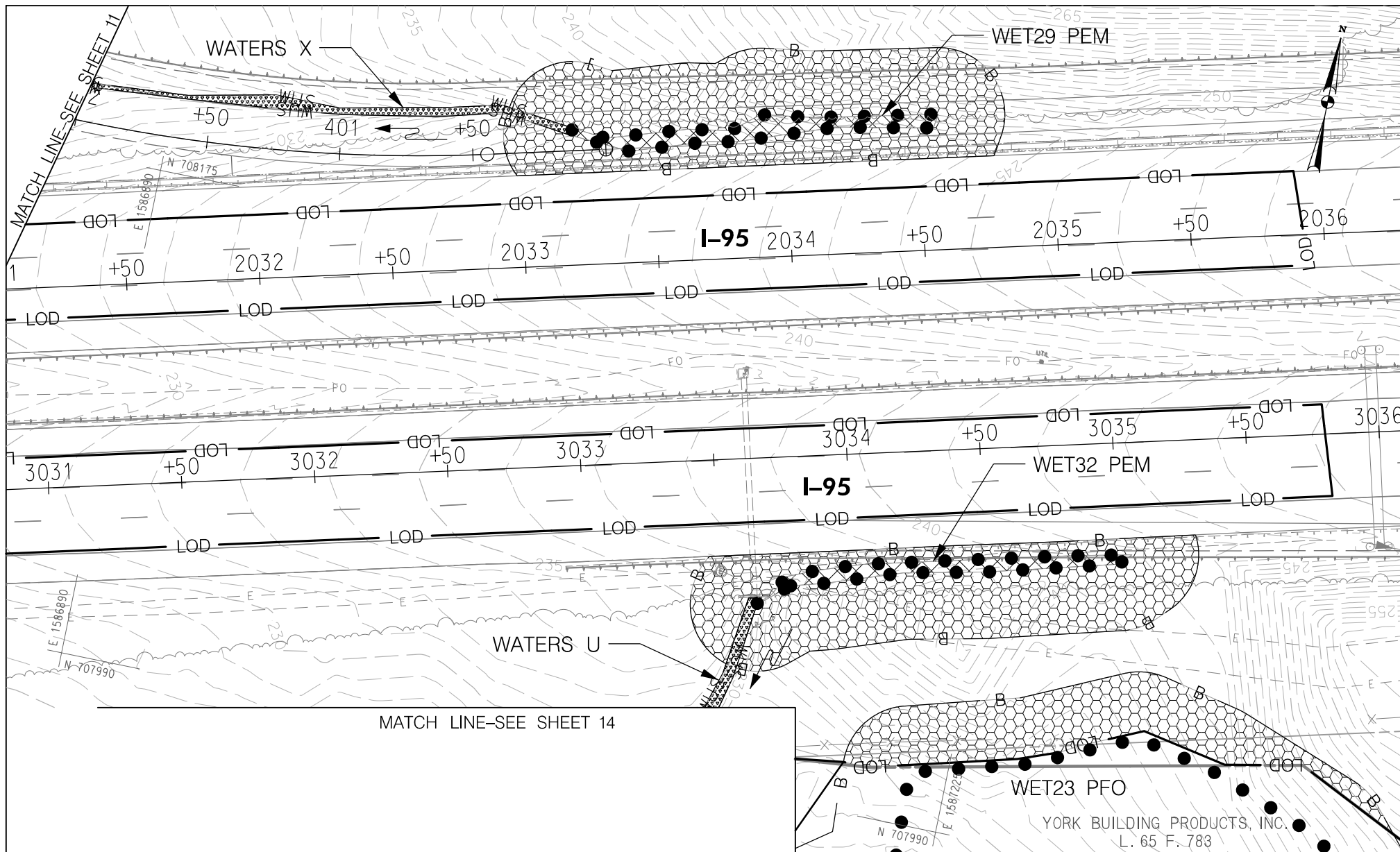


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I-95 AT BELVIDERE ROAD INTERCHANGE
 WETLAND & WATERWAY IMPACTS:
 INTERCHANGE & ON-SITE MITIGATION

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-  PERMANENT IMPACTS TO NON-TIDAL WETLANDS = 1,266 SQ. FT.
-  PERMANENT IMPACTS TO NON-TIDAL WETLAND BUFFER = 16,511 SQ. FT.
-  PERMANENT IMPACTS TO WATERS OF THE U.S. = 691 SQ. FT. / 226 L.F.
-  PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.

-  TEMPORARY IMPACTS TO NON-TIDAL WETLANDS = 0 SQ. FT.
-  TEMPORARY IMPACTS TO NON-TIDAL WETLAND BUFFERS = 0 SQ. FT.
-  TEMPORARY IMPACTS TO WATERS OF THE U.S. = 0 SQ. FT. / 0 L.F.
-  TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.

50' 0 50'

SCALE: 1" = 50'

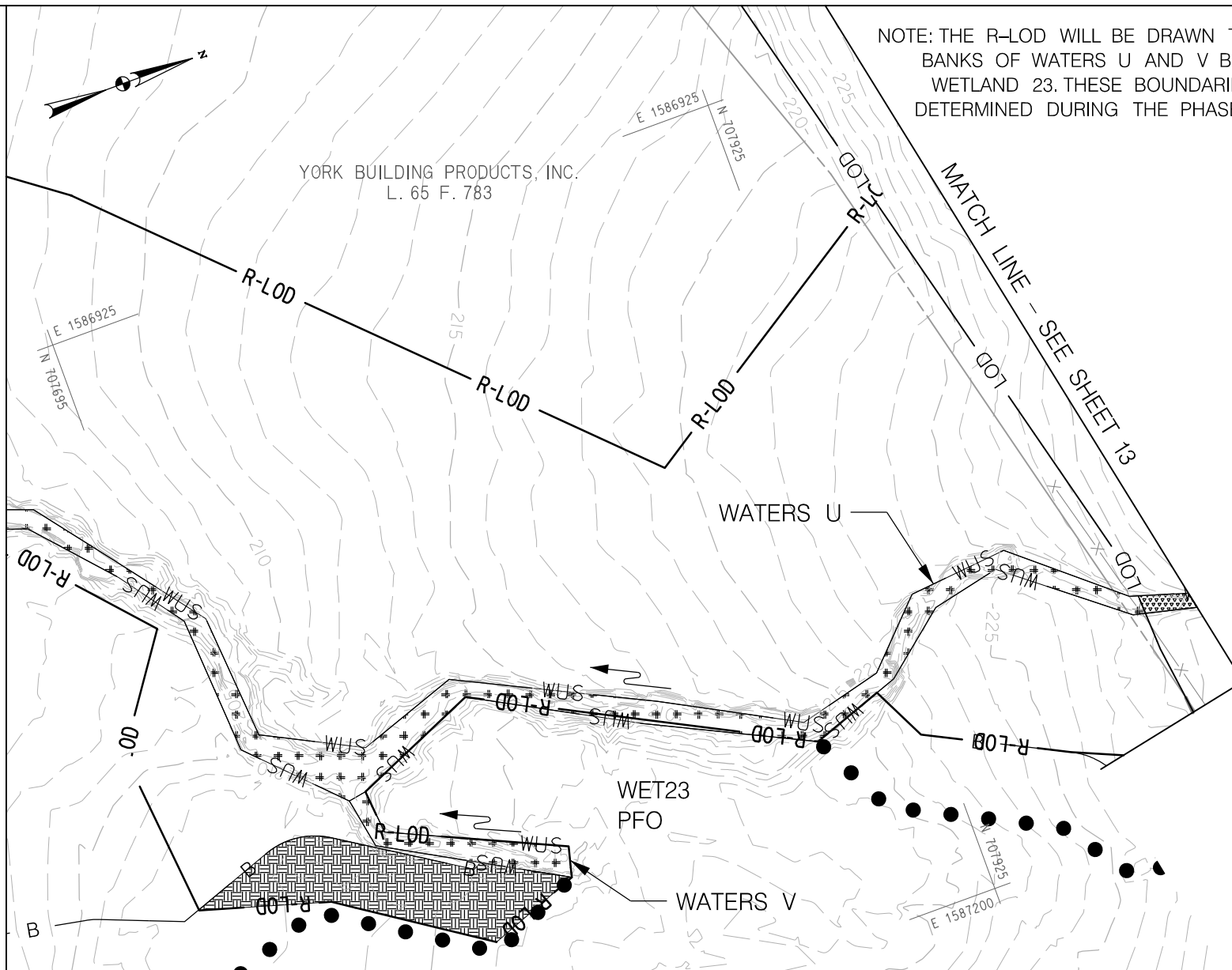
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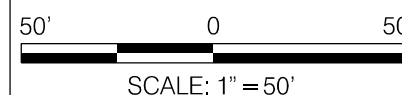
COUNTY: CECIL
DATE: JUNE 2021

MATCH LINE - SEE SHEET 15



NOTE: THE R-LOD WILL BE DRAWN TO INCLUDE THE BANKS OF WATERS U AND V BUT EXCLUDE WETLAND 23. THESE BOUNDARIES WILL BE DETERMINED DURING THE PHASE II PROCESS.

	PERMANENT IMPACTS TO NON-TIDAL WETLANDS = 0 SQ. FT.		TEMPORARY IMPACTS TO NON-TIDAL WETLANDS = 0 SQ. FT.
	PERMANENT IMPACTS TO NON-TIDAL WETLAND BUFFER = 0 SQ. FT.		TEMPORARY IMPACTS TO NON-TIDAL WETLAND BUFFERS = 2,161 SQ. FT.
	PERMANENT IMPACTS TO WATERS OF THE U.S. = 92 SQ. FT. / 17 L.F.		TEMPORARY IMPACTS TO WATERS OF THE U.S. = 3,742 SQ. FT. / 528 L.F.
	PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.		TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.

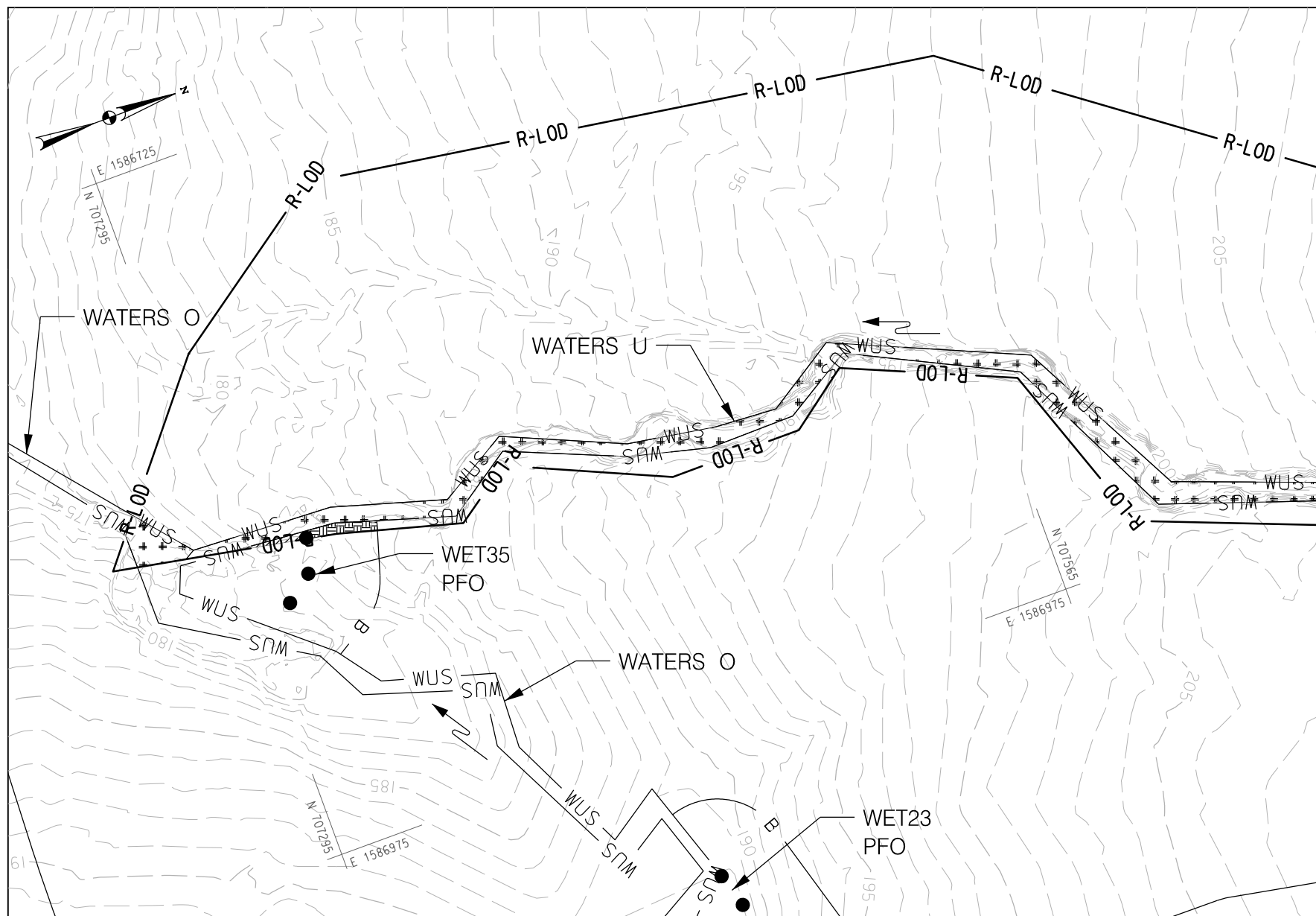


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I-95 AT BELVIDERE ROAD INTERCHANGE
WETLAND & WATERWAY IMPACTS:
INTERCHANGE & ON-SITE MITIGATION

STATE: MARYLAND
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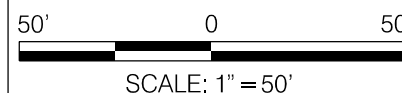
COUNTY: CECIL
DATE: JUNE 2021



NOTE: THE R-L0D WILL BE DRAWN TO INCLUDE THE BANKS OF WATERS U AND V BUT EXCLUDE WETLAND 23. THESE BOUNDARIES WILL BE DETERMINED DURING THE PHASE II PROCESS.

MATCH LINE - SEE SHEET 14

	PERMANENT IMPACTS TO NON-TIDAL WETLANDS = 0 SQ. FT.		TEMPORARY IMPACTS TO NON-TIDAL WETLANDS = 37 SQ. FT.
	PERMANENT IMPACTS TO NON-TIDAL WETLAND BUFFER = 0 SQ. FT.		TEMPORARY IMPACTS TO NON-TIDAL WETLAND BUFFERS = 87 SQ. FT.
	PERMANENT IMPACTS TO WATERS OF THE U.S. = 0 SQ. FT. / 0 L.F.		TEMPORARY IMPACTS TO WATERS OF THE U.S. = 2,799 SQ. FT. / 463 L.F.
	PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.		TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.

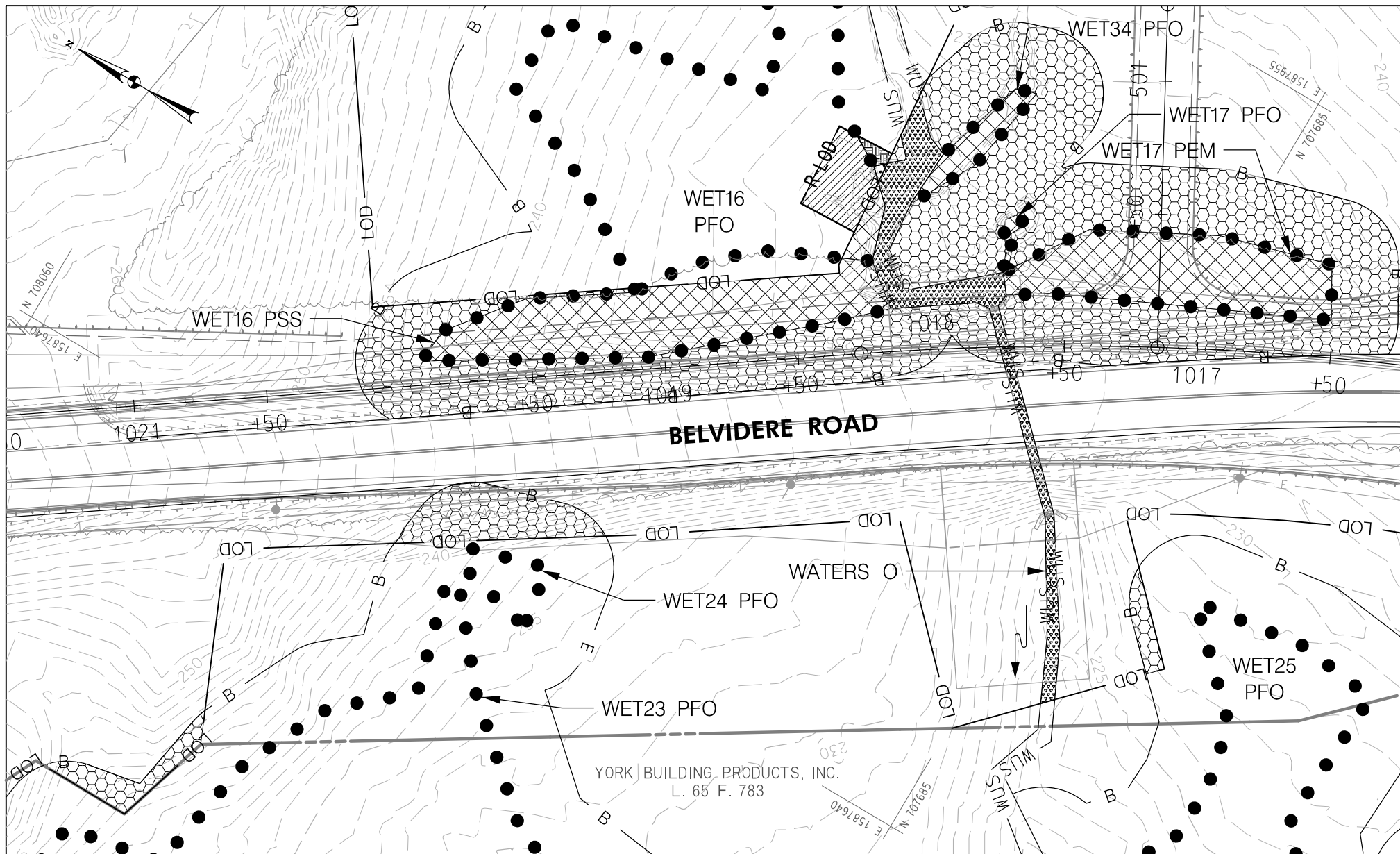


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I-95 AT BELVIDERE ROAD INTERCHANGE
WETLAND & WATERWAY IMPACTS:
INTERCHANGE & ON-SITE MITIGATION

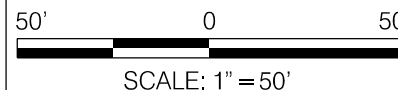
STATE: MARYLAND
APPLICATION BY: MDTA
CONTRACT: KH-3024-0000
SHT 15 OF 23

COUNTY: CECIL
DATE: JUNE 2021



	PERMANENT IMPACTS TO NON-TIDAL WETLANDS = 7,173 SQ. FT.
	PERMANENT IMPACTS TO NON-TIDAL WETLAND BUFFER = 18,776 SQ. FT.
	PERMANENT IMPACTS TO WATERS OF THE U.S. = 1,669 SQ. FT. / 273 L.F.
	PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.

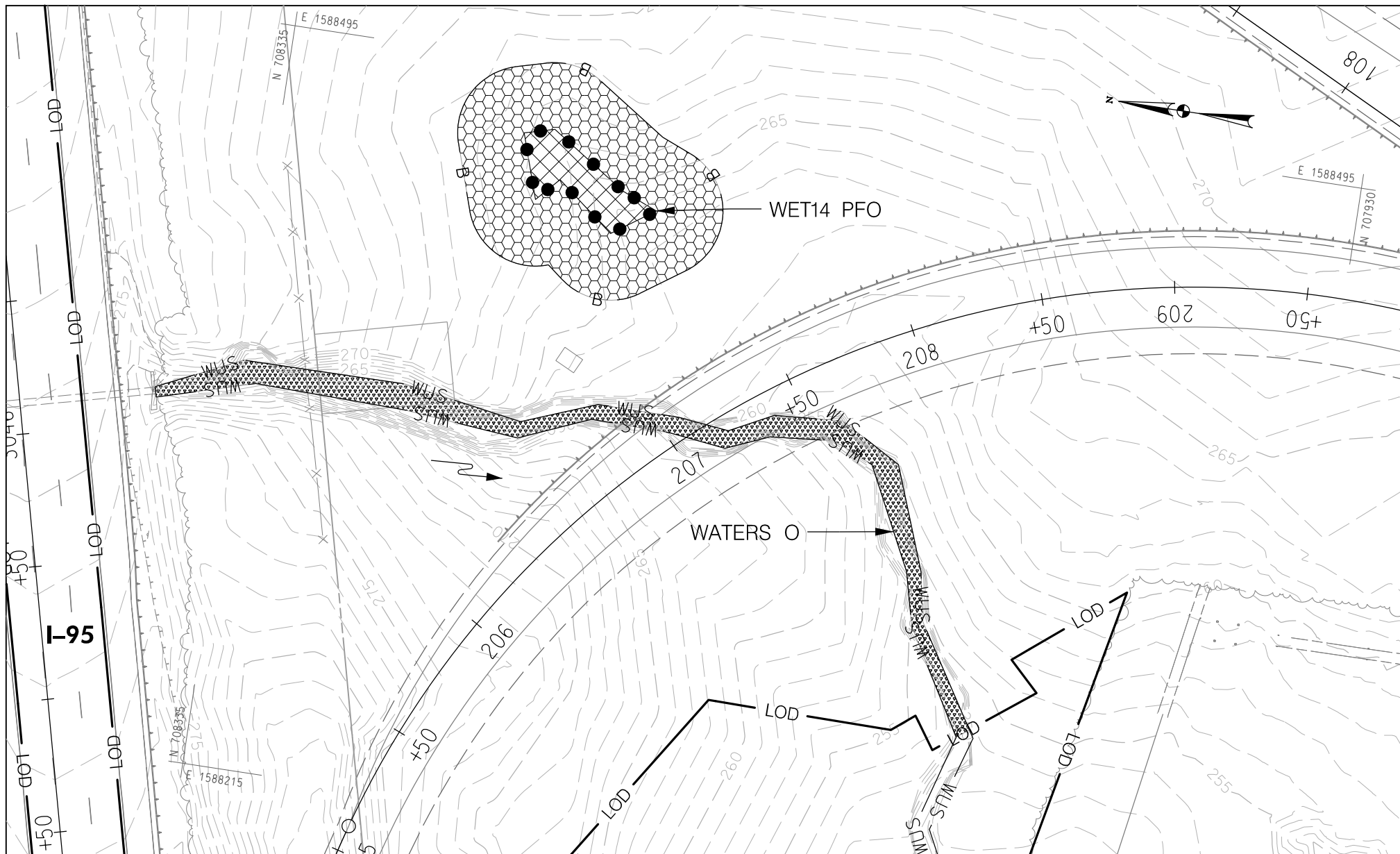
	TEMPORARY IMPACTS TO NON-TIDAL WETLANDS = 652 SQ. FT.
	TEMPORARY IMPACTS TO NON-TIDAL WETLAND BUFFERS = 63 SQ. FT.
	TEMPORARY IMPACTS TO WATERS OF THE U.S. = 16 SQ. FT. / 0 L.F.
	TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.



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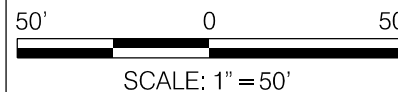
I-95 AT BELVIDERE ROAD INTERCHANGE
 WETLAND & WATERWAY IMPACTS:
 INTERCHANGE & ON-SITE MITIGATION

STATE: MARYLAND COUNTY: CECIL
 APPLICATION BY: MDTA
 CONTRACT: KH-3024-0000
 SHT 16 OF 23 DATE: JUNE 2021



	PERMANENT IMPACTS TO NON-TIDAL WETLANDS = 778 SQ. FT.
	PERMANENT IMPACTS TO NON-TIDAL WETLAND BUFFER = 5,484 SQ. FT.
	PERMANENT IMPACTS TO WATERS OF THE U.S. = 2,681 SQ. FT. / 396 L.F.
	PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.

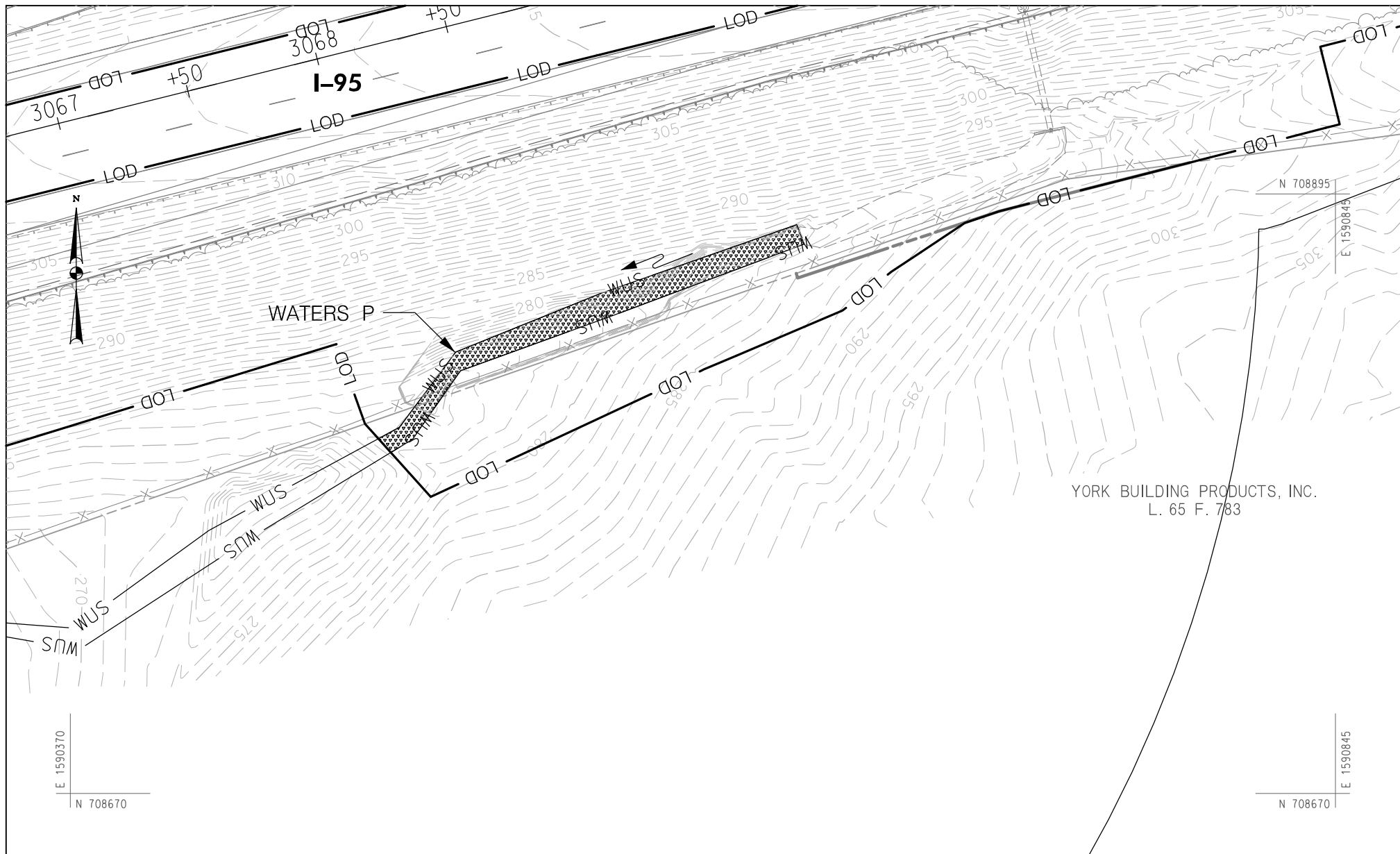
	TEMPORARY IMPACTS TO NON-TIDAL WETLANDS = 0 SQ. FT.
	TEMPORARY IMPACTS TO NON-TIDAL WETLAND BUFFERS = 0 SQ. FT.
	TEMPORARY IMPACTS TO WATERS OF THE U.S. = 0 SQ. FT. / 0 L.F.
	TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.



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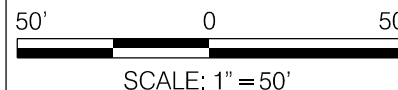
I-95 AT BELVIDERE ROAD INTERCHANGE
WETLAND & WATERWAY IMPACTS:
INTERCHANGE & ON-SITE MITIGATION

STATE: MARYLAND COUNTY: CECIL
APPLICATION BY: MDTA
CONTRACT: KH-3024-0000
SHT 17 OF 23 DATE: JUNE 2021



	PERMANENT IMPACTS TO NON-TIDAL WETLANDS = 0 SQ. FT.
	PERMANENT IMPACTS TO NON-TIDAL WETLAND BUFFER = 0 SQ. FT.
	PERMANENT IMPACTS TO WATERS OF THE U.S. = 1,426 SQ. FT. / 181 L.F.
	PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.

	TEMPORARY IMPACTS TO NON-TIDAL WETLANDS = 0 SQ. FT.
	TEMPORARY IMPACTS TO NON-TIDAL WETLAND BUFFERS = 0 SQ. FT.
	TEMPORARY IMPACTS TO WATERS OF THE U.S. = 0 SQ. FT. / 0 L.F.
	TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.

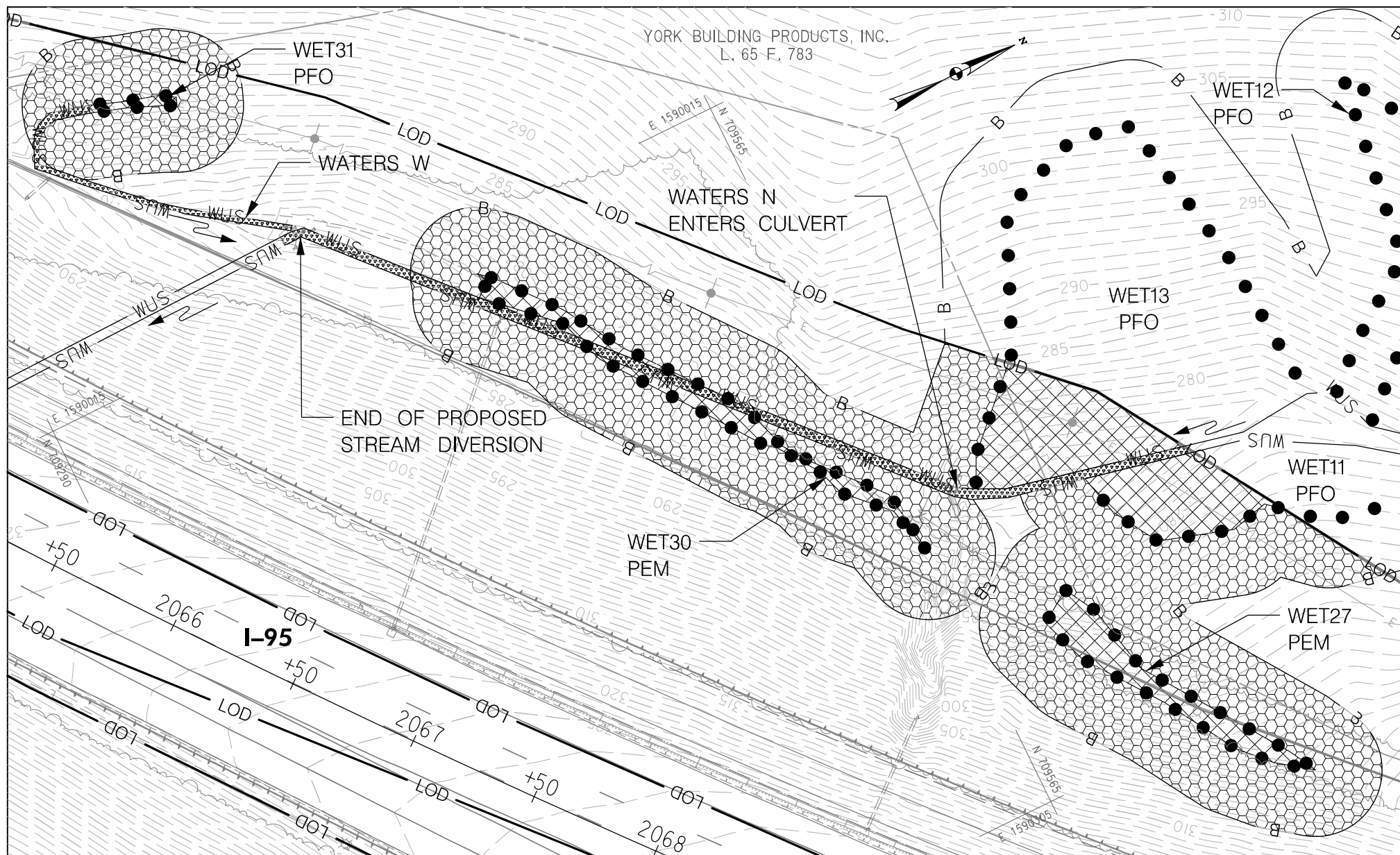


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I-95 AT BELVIDERE ROAD INTERCHANGE
WETLAND & WATERWAY IMPACTS:
INTERCHANGE & ON-SITE MITIGATION

STATE: MARYLAND
APPLICATION BY: MDTA
CONTRACT: KH-3024-0000
SHT 19 OF 23

COUNTY: CECIL
DATE: JUNE 2021



PERMANENT IMPACTS TO NON-TIDAL WETLANDS = 5,775 SQ. FT.



PERMANENT IMPACTS TO NON-TIDAL WETLAND BUFFER = 27,640 SQ. FT.



PERMANENT IMPACTS TO WATERS OF THE U.S. = 1,535 SQ. FT. / 498 L.F.



PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.



TEMPORARY IMPACTS TO NON-TIDAL WETLANDS = 0 SQ. FT.



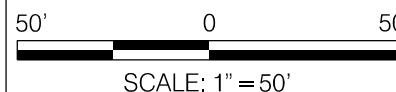
TEMPORARY IMPACTS TO NON-TIDAL WETLAND BUFFERS = 0 SQ. FT.



TEMPORARY IMPACTS TO WATERS OF THE U.S. = 0 SQ. FT. / 0 L.F.



TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.



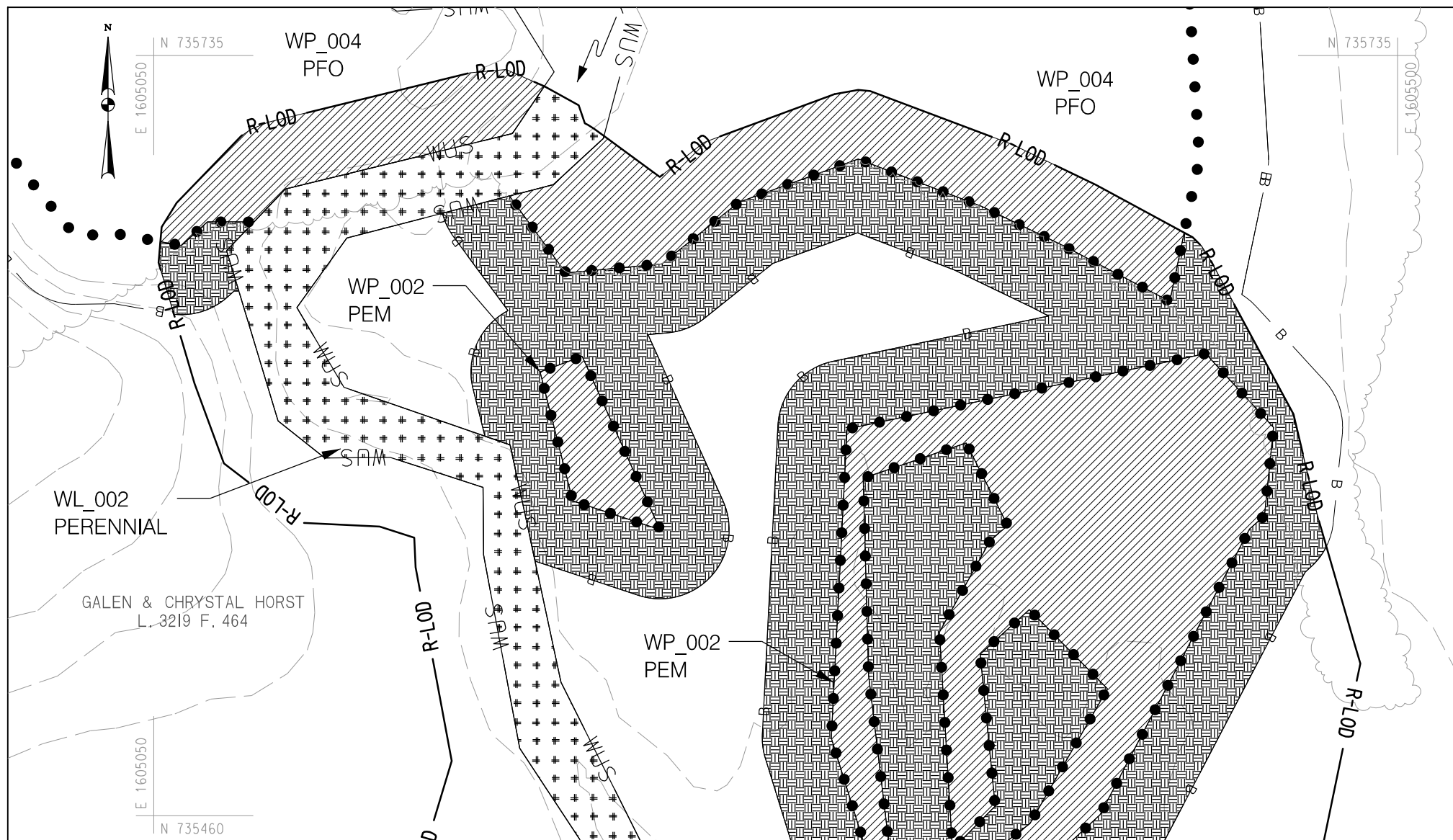
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I-95 AT BELVIDERE ROAD INTERCHANGE
WETLAND & WATERWAY IMPACTS:
INTERCHANGE & ON-SITE MITIGATION

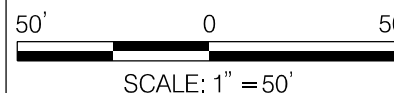
STATE: MARYLAND
APPLICATION BY: MDTA
CONTRACT: KH-3024-0000
SHT 20 OF 23

COUNTY: CECIL
DATE: JUNE 2021



MATCH LINE – SEE SHEET 23

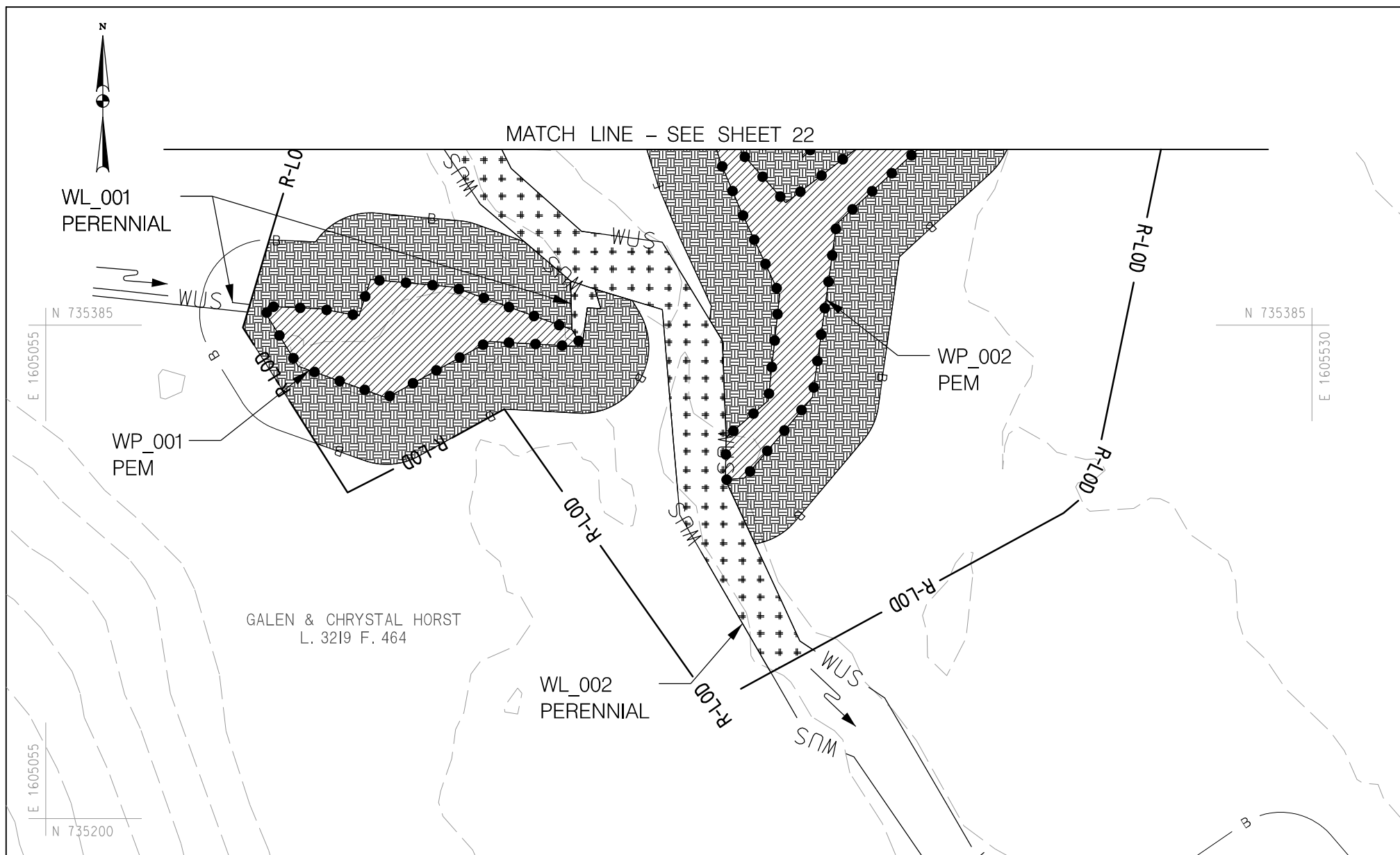
	PERMANENT IMPACTS TO NON-TIDAL WETLANDS = 0 SQ. FT.		TEMPORARY IMPACTS TO NON-TIDAL WETLANDS = 25,668 SQ.FT.
	PERMANENT IMPACTS TO NON-TIDAL WETLAND BUFFER = 0 SQ. FT.		TEMPORARY IMPACTS TO NON-TIDAL WETLAND BUFFERS = 31,446 SQ.FT.
	PERMANENT IMPACTS TO WATERS OF THE U.S. = 0 SQ. FT. / 0 L.F.		TEMPORARY IMPACTS TO WATERS OF THE U.S. = 8,555 SQ. FT. / 417 L.F.
	PERMANENT IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.		TEMPORARY IMPACTS TO 100-YEAR FLOODPLAIN = 0 SQ. FT.



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I-95 AT BELVIDERE ROAD INTERCHANGE
WETLAND & WATERWAY IMPACTS:
OFF-SITE MITIGATION
(LITTLE NORTHEAST CREEK SITE)

STATE: MARYLAND COUNTY: CECIL
APPLICATION BY: MDTA
CONTRACT: KH-3024-0000
SHT 22 OF 23 DATE: SEPTEMBER 2021



PERMANENT IMPACTS TO NON-TIDAL
WETLANDS = 0 SQ. FT.



PERMANENT IMPACTS TO NON-TIDAL
WETLAND BUFFER = 0 SQ. FT.



PERMANENT IMPACTS TO WATERS OF
THE U.S. = 0 SQ. FT. / 0 L.F.



PERMANENT IMPACTS TO 100-YEAR
FLOODPLAIN = 0 SQ. FT.



TEMPORARY IMPACTS TO NON-TIDAL
WETLANDS = 5,560 SQ. FT.



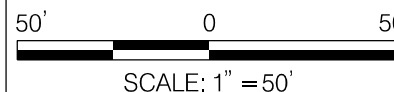
TEMPORARY IMPACTS TO NON-TIDAL
WETLAND BUFFERS = 14,214 SQ. FT.



TEMPORARY IMPACTS TO WATERS OF
THE U.S. = 4,707 SQ. FT. / 273 L.F.



TEMPORARY IMPACTS TO 100-YEAR
FLOODPLAIN = 0 SQ. FT.



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I-95 AT BELVIDERE ROAD INTERCHANGE
WETLAND & WATERWAY IMPACTS:
OFF-SITE MITIGATION
(LITTLE NORTHEAST CREEK SITE)

STATE: MARYLAND COUNTY: CECIL
APPLICATION BY: MDTA
CONTRACT: KH-3024-0000
SHT 23 OF 23 DATE: SEPTEMBER 2021

Interchange Impacts

Impact Plate	Resource	Wetlands (SF)				Streams (all Inter.)		100-Year Floodplain
		Permanent				Permanent		Permanent
		PEM(x)	PSS	PFO	Buffer	SF	LF	SF
4	Wetland 2	2,571		1,118	6,815			
	Wetland 33							
	Waters H					468	122	
	Waters Y					145	53	
5	Wetland 3				788			1,572
	Waters H					172	84	
6	Wetland 7	15,846			4,284			
7	Wetland 28*	5,751			31,695			
8	Wetland 28*	7,535	938	3,770	31,785			
9	Wetland 6*			185	14,660			
	Wetland 28*	2,274						
	Waters L					315	69	
10	Waters L					185	20	
11	Waters L					2,029	281	
	Waters X					1,505	466	
12	Waters X					1,175	365	
	Waters T					209	45	
13	Wetland 29	684			16,511			
	Wetland 32	582						
	Wetland 23*							
	Waters U					181	44	
	Waters X					510	182	
14	Waters U					92	17	

Interchange Impacts

Impact Plate	Resource	Wetlands (SF)				Streams (all Inter.)		100-Year Floodplain
		Permanent				Permanent		Permanent
		PEM(x)	PSS	PFO	Buffer	SF	LF	SF
16	Waters O				18,776	1,669	273	
	Wetland 16*		3,580	221				
	Wetland 17	2,843		63				
	Wetland 23*							
	Wetland 24							
	Wetland 25							
	Wetland 34			466				
17	Wetland 14			778	5,484			
	Waters O					2,681	396	
18	Waters R				1,675	353	47	
	Wetland 15*							
19	Waters P					1,426	181	
20	Wetland 11			1,394	27,640			
	Wetland 13*			2,081				
	Wetland 27	1,060						
	Wetland 30	1,139						
	Wetland 31			101				
	Waters W					286	137	
	Waters N					1,249	361	
21	Wetland 10*	254			5,547			
	Wetland 26	130						
Totals		40,669	4,518	10,177	165,660	14,650	3,143	1,572
		55,364						

* Denotes wetlands containing regulated plant species

Interchange Impact Summary

Impact Plate	Wetlands	Wetland Buffers	Streams		100-Year Floodplain
	Permanent	Permanent	Permanent		Permanent
	SF	SF	SF	LF	SF
4	3,689	6,815	613	175	0
5	0	788	172	84	1,572
6	15,846	4,284	0	0	0
7	5,751	31,695	0	0	0
8	12,243	31,785	0	0	0
9	2,459	14,660	315	69	0
10	0	0	185	20	0
11	0	0	3,534	747	0
12	0	0	1,384	410	0
13	1,266	16,511	691	226	0
14	0	0	92	17	0
16	7,173	18,776	1,669	273	0
17	778	5,484	2,681	396	0
18	0	1,675	353	47	0
19	0	0	1,426	181	0
20	5,775	27,640	1,535	498	0
21	384	5,547	0	0	0
Totals	55,364	165,660	14,650	3,143	1,572

Mitigation Impacts							
Impact Plate	Resource	Wetlands (SF)				Streams	
		Temporary				Temporary	
		PEM	PSS	PFO	Buffer	SF	LF
9	Waters L					850	125
10	Waters L					2,341	419
14	Waters U				2,161	3,189	445
	Waters V					553	83
	Wetland 23*						
15	Waters U				87	2,564	438
	Waters O					235	25
	Wetland 35			37			
16	Waters O				63	16	
	Wetland 16*		652				
22	WL_002				31,446	8,555	417
	WP_002	15,518					
	WP_004			10,150			
23	WL_001				14,214	143	22
	WL_002					4,564	251
	WP_001	2,657					
	WP_002	2,903					
Totals		21,078	652	10,187	47,971	23,010	2,225
		31,917					

* Denotes wetlands containing regulated plant species

Impact Plate	Wetlands	Wetlands Buffer	Streams	
	Temporary	Temporary	Temporary	
	SF	SF	SF	LF
9			850	125
10			2,341	419
14		2,161	3,742	528
15	37	87	2,799	463
16	652	63	16	
22	25,668	31,446	8,555	417
23	5,560	14,214	4,707	273
Totals	31,917	47,971	23,010	2,225