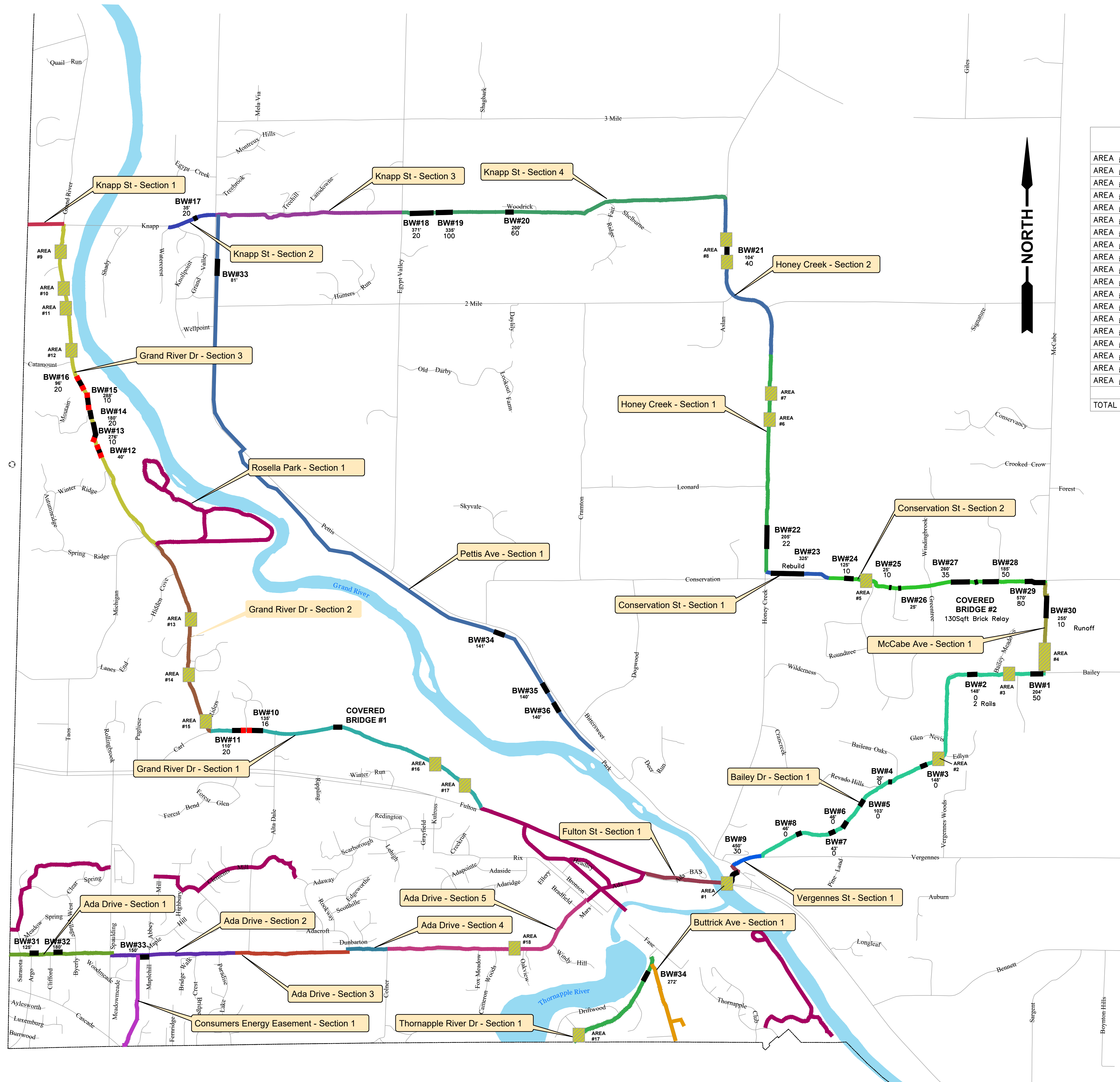


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REPAIR AREAS

	BIT REPAIR AREA	AGGREGATE BASE 6 INCH	HMA BASE (1.5")	HMA 36A (1.5")	NOTES
AREA #1	5'X10'=50 SFT		.5 TONS	.5 TONS	
AREA #2	16'X8'=128 SFT		1.2 TONS	1.2 TONS	
AREA #3	26'X8'=208 SFT	300 SYD	2 TONS	2 TONS	
AREA #4	260'X8'=2,080 SFT		20 TONS	20 TONS	INSTALL 260' OF ROOT BARRIER
AREA #5	60'X8'=480 SFT		4.5 TONS	4.5 TONS	
AREA #6	20'X8'=160 SFT		1.5 TONS	1.5 TONS	
AREA #7	15'X8'=120 SFT		1.2 TONS	1.2 TONS	
AREA #8	(2)6'X8'=96 SFT		1 TONS	1 TONS	(2) CONCRETE APPROACHES
AREA #9	24'X18'=430 SFT		4 TONS	4 TONS	INCLUDES DRIVE APPROACH
AREA #10	28'X8'=224 SFT		2.1 TONS	2.1 TONS	
AREA #11	15'X8'=120 SFT		1.2 TONS	1.2 TONS	
AREA #12	12'X8'=96 SFT		1 TONS	1 TONS	
AREA #13	4'X4'=16 SFT		.2 TONS	.2 TONS	AROUND DRAIN PATCH
AREA #14	5'X8'=40 SFT		.4 TONS	.4 TONS	WATER SERVICE
AREA #15	60'X8'=480 SFT		4.5 TONS	4.5 TONS	20' OF CULVERT RAISE AREA 3"-4"
AREA #16	4'X4'=16 SFT		.2 TONS	.2 TONS	AROUND FENCE POST PATCH
AREA #17	10'X8'=80 SFT		.8 TONS	.8 TONS	
AREA #18	300'X8'=2,400 SFT	340 SYD	22 TONS	22 TONS	MILL&ADD 6" GRVL TO RAISE PATH
AREA #19	5'X8'=40 SFT		.4 TONS	.4 TONS	WATER SERVICE
TOTAL			11.3 TONS	11.3 TONS	MISC HMA AS NEEDED

BOARDWALK NOTES

	BOARDS	CONCRETE ABUTMENT WALL FOUNDATION	6" CONCRETE SIDEWALK	BLACK VINYL POLY COATED RAILING REPLACE.	NOTES
BW #1	50				
BW #2	0			64'	
BW #3	0				
BW #4	0				
BW #5	0				
BW #6	0				
BW #7	0				
BW #8	0				
BW #9	30				
BW #10	16	1	160 Sft		
BW #11	20	1	160 Sft		
BW #12		2	320 Sft		
BW #13	10	1	160 Sft		
BW #14	20				
BW #15	10	2	320 Sft		
BW #16	20	2	320 Sft		
BW #17	80				
BW #18	20				
BW #19	100				
BW #20	60				
BW #21	40		96 Sft		REPLACE APPROACHS W/ 6" CONG.
BW #22	22				REBUILD (NOT IN THIS CONTRACT)
BW #23					
BW #24	10				
BW #25	10				
BW #26	0				
BW #27	35				
BW #28	50				
BW #29	80				
BW #30	10				544' OF SIDE RAILS

LEGEND:
 BOARDWALK
 ABUTMENT WALL
BW#3 BOARDWALK IDENTIFICATION #
 00' TOTAL LENGTH OF BOARDWALK
 0 BOARDS TO BE REPLACED

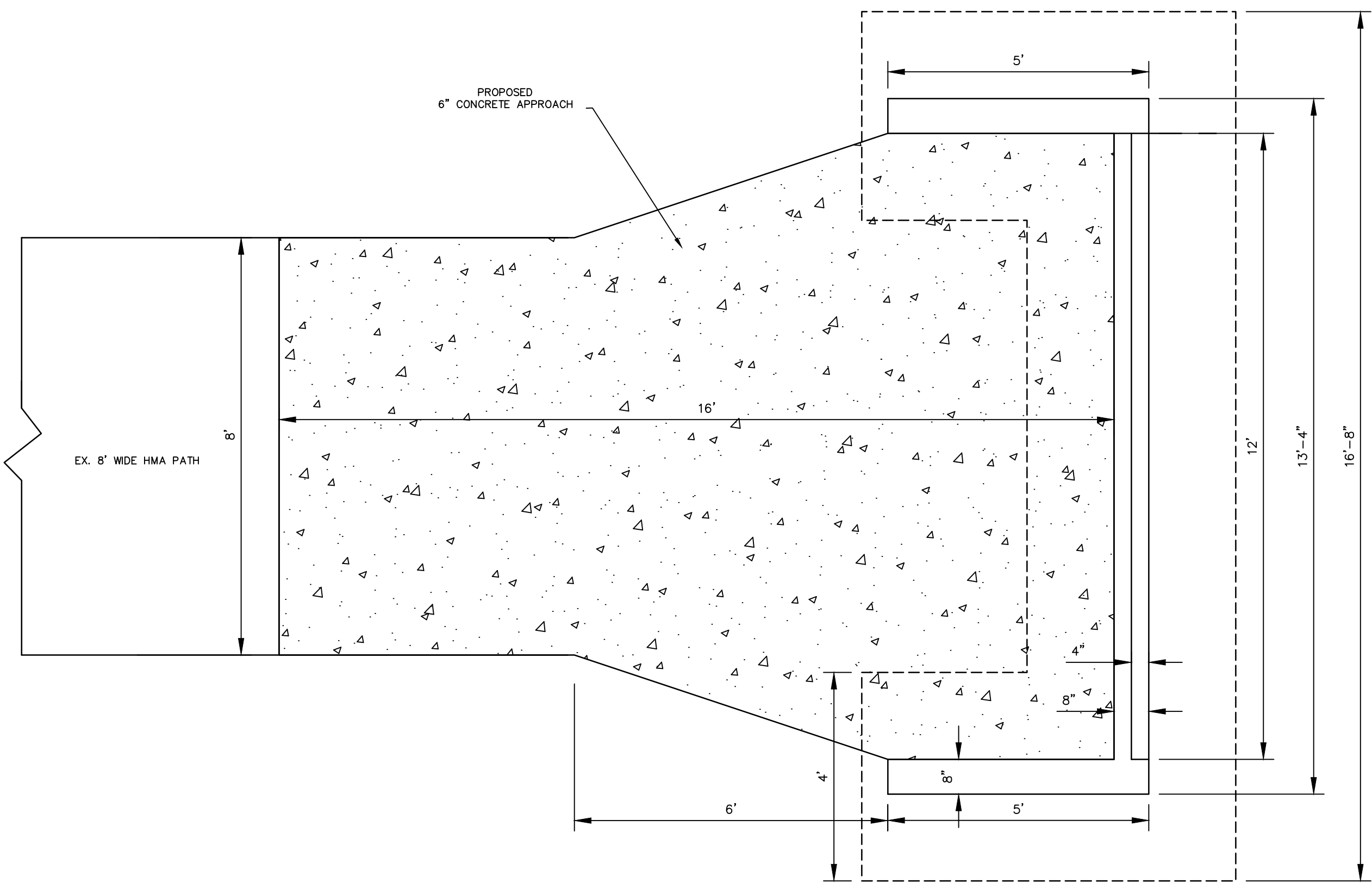
ADA TOWNSHIP NON-MOTORIZED TRAIL LOCATION MAP



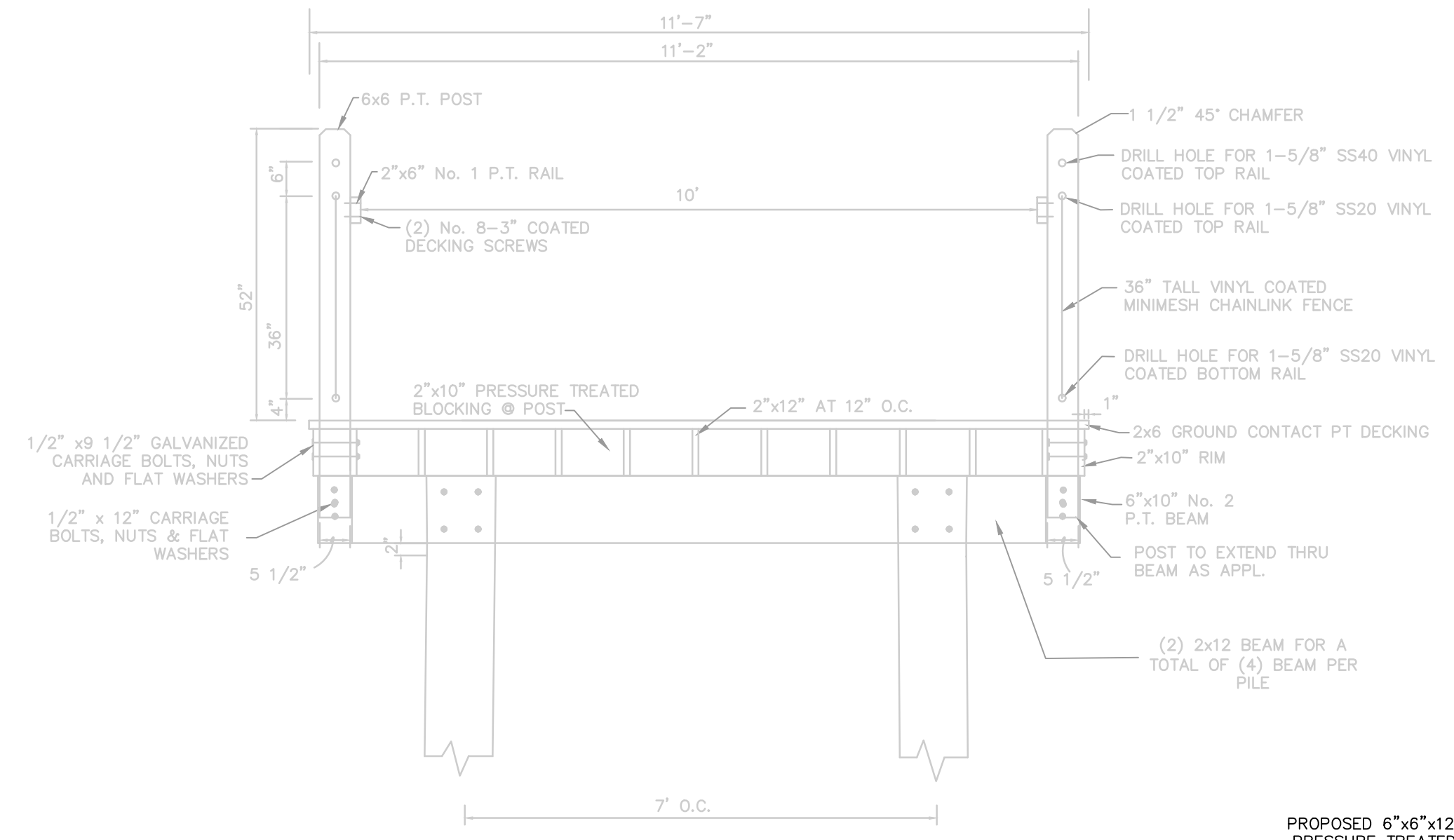
MOORE & BRUGGINK, INC.
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 Phone: (616) 363-9801 Web: www.mbce.com

DESIGN DRAWN BY: GPW	ADA TOWNSHIP MISC TRAIL & BOARDWALK REPAIRS FOR ADA TOWNSHIP TRAIL CONSTRUCTION AND REPAIRS ADA TOWNSHIP, KENT, MICHIGAN	FIELD SURVEY / DATE
DESIGNED BY: GPW		PROJECT NO: 210187.02
CHECKED BY: SCG		SHEET NUMBER
PLAN DATE: 05/11/23		1 OF 2

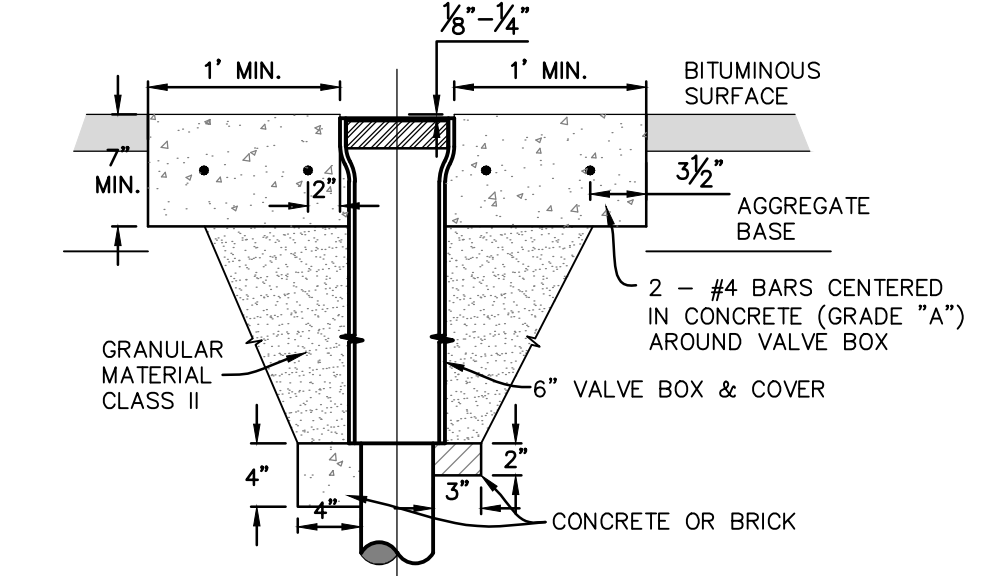
P:\210187.01 Petris Ave Trail\CADD\DWG\210187.02_Ada_Trail_Repairs_2023.dwg, \$/25/2023 10:08:04 AM GREG WHITE



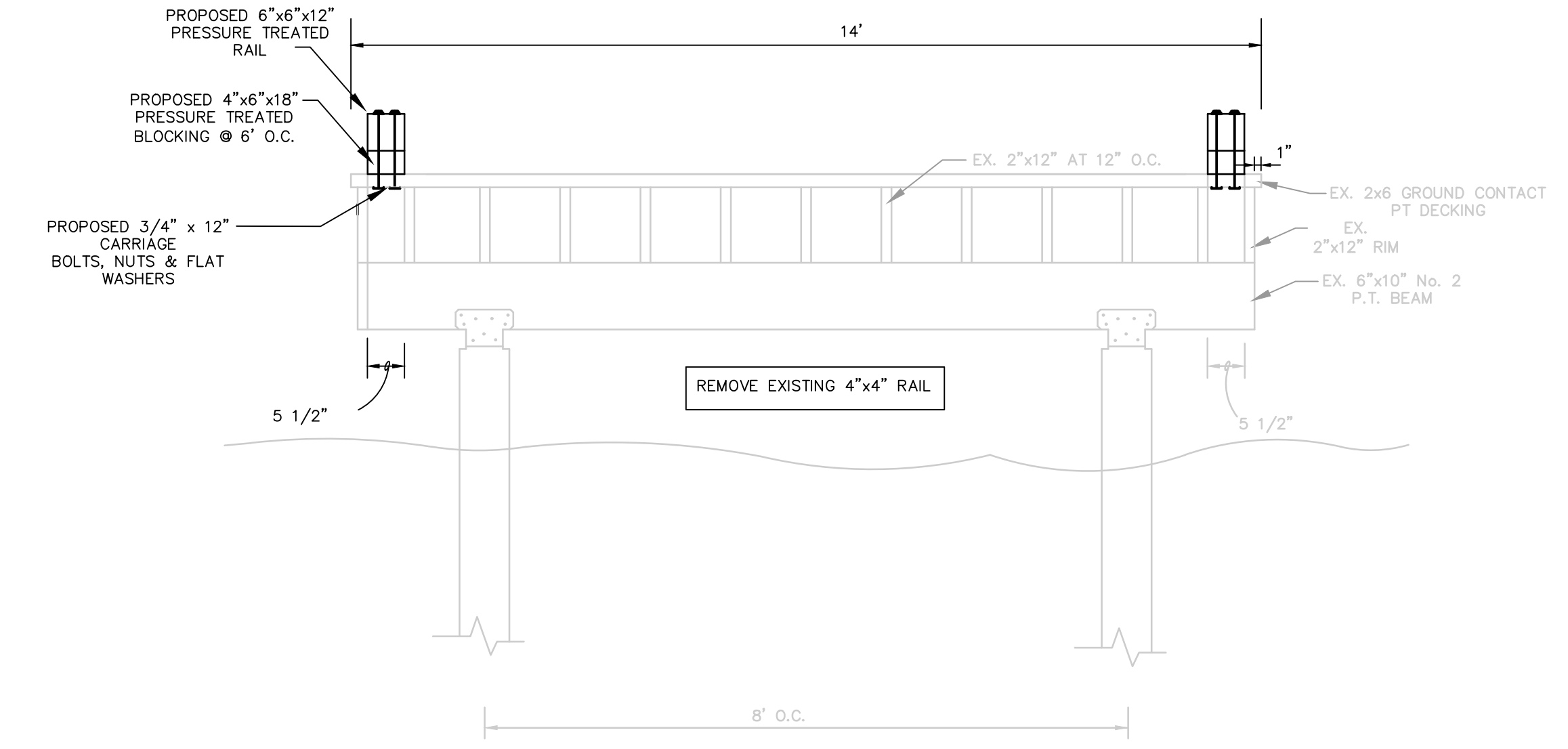
PROPOSED BOARDWALK ABUTMENT PROFILE
SCALE: 1" = 2'



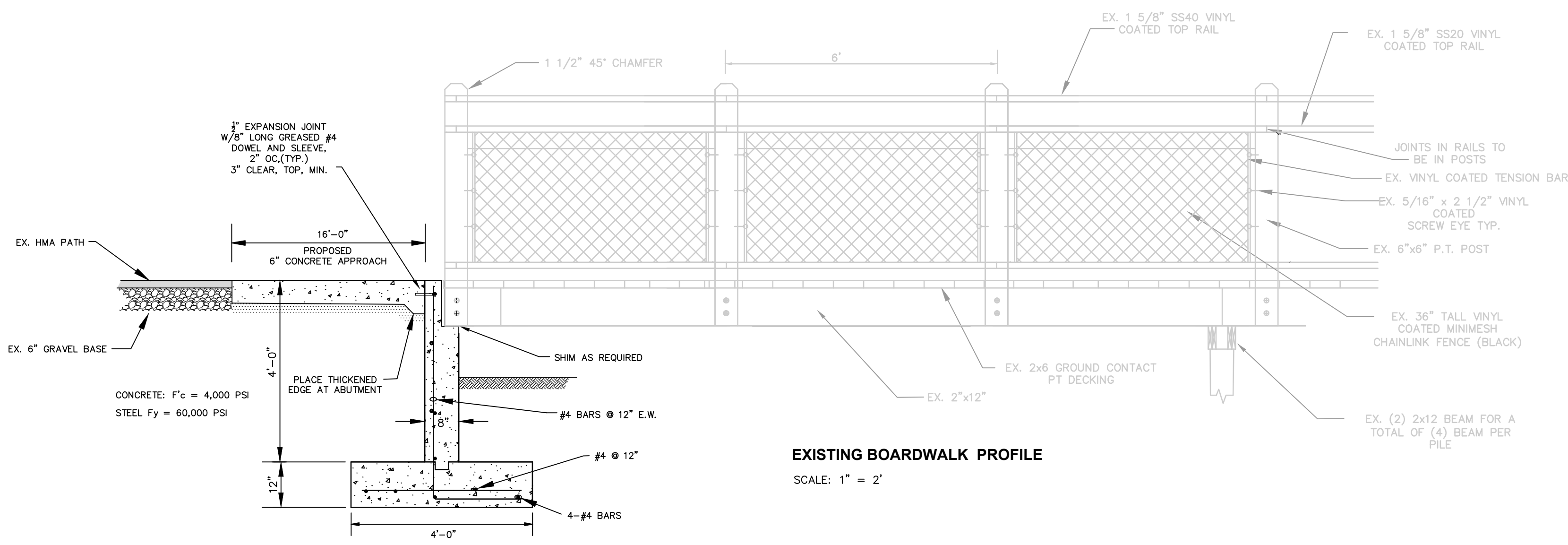
EXISTING BOARDWALK SECTION DETAIL
SCALE: 1" = 2'



VALVE BOX IN PAVEMENT DETAIL
SCALE: 1" = 1'



PROPOSED BOARDWALK RAIL REPLACEMENT
SCALE: 1" = 2'



EXISTING BOARDWALK PROFILE
SCALE: 1" = 2'

PROPOSED BOARDWALK ABUTMENT PROFILE
SCALE: 1" = 2'

NOTE: EACH ABUTMENT WALL IS 13'-3" LONG



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ADA TOWNSHIP MISC TRAIL & BOARDWALK REPAIRS
FOR
ADA TOWNSHIP TRAIL CONSTRUCTION AND REPAIRS
ADA TOWNSHIP, KENT, MICHIGAN

FIELD SURVEY / DATE
PROJECT NO.: 210187.02
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2 OF 2