

LOCAL AGENCY ENVIRONMENTAL CLEARANCE FORM

SOCIAL, ECONOMIC AND ENVIRONMENTAL EVALUATION

The National Environmental Policy Act (NEPA) of 1969 [42 USC § 4331] is a US environmental law enacted to 'encourage productive and enjoyable harmony between man and his environment'. Its aim is to protect and preserve social and cultural resources, economic welfare, and the preservation/protection of the natural environment.

Under NEPA, all federal undertakings (receiving federal aid, permits, licensing or oversight) must have an environmental evaluation completed prior to the start of project construction or implementation. A complete MDOT approved clearance form must be on file before funding can be released. Failure to obtain NEPA clearance may result in project delays or loss of funding.

List of acronyms found throughout this document:

BMP – Best Management Practice	NOC - Notice of Coverage
DEGR - Dynamic Environmental GIS Resource	NPDES – National Pollution Discharge Elimination System
EGLE - Environment, Great Lakes, and Energy (Formerly MDEQ)	OHWM – Ordinary High-Water Mark
FEMA – Federal Emergency Management Agency	ROW – Right of Way
MDARD – Michigan Department of Agricultural and Rural Development	TMDL – Total Maximum Daily Load
MDNR – Michigan Department of Natural Resources	USACE – United States Army Corps of Engineers
MS4 - Municipal Separate Storm Sewer System	USCG – United States Coast Guard
MDOT - Michigan Department of Transportation	USDA – United States Department of Agriculture
	USFWS – United States Fish and Wildlife Service

Disclaimer: There are links and resource material embedded within this document. They are intended as reference material to assist in the preparation of the Local Agency Environmental Clearance Form. The information present may or may not be the most recent source of data. It is the responsibility of the preparer to ensure an honest and accurate review of the project is performed using the latest resources and material available.

SECTION I

PROJECT DETAIL & CONTACTS

PROJECT DETAIL		
NEW APPLICATION		REVISED APPLICATION
RESPONSIBLE LOCAL AGENCY NAME		MOOT JOB NUMBER
DATE OF SUBMITTAL	ROUTE(\$)	PROJECT LENGTH (MILES)
PROJECT LIMITS (FROM/TO)		
BRIDGE CROSSING(\$) (E.G: ELM @ 1st STREET)		
WHAT IS THE REASON YOU ARE DOING THIS PROJECT (E.G. WHAT IS THE PROBLEM? WHAT IS THE DATA?) FOR EXAMPLE, THE ROAD HAS AN INCREASING NUMBER OF POTHOLES. THE CONDITION RATING HAS GONE DOWN AND WE HAVE RECEIVED AN INCREASING NUMBER OF COMPLAINTS FROM CITIZENS.		
DETAILED WORK DESCRIPTION (INCLUDE ALL WORK ITEMS AS PART OF THIS PROJECT E.G. DRAIN CLEANING, CURB AND GUTTER REPLACE, GUARDRAIL REPLACEMENT)		
IF REVISED, LIST CHANGES MADE SINCE LAST SUBMISSION		

FIRST NAME	LAST NAME	TITLE
COMPANY/AGENCY		
TELEPHONE NUMBER	E-MAIL	

FIRST NAME	LAST NAME	TITLE
NAME OF AGENCY		
TELEPHONE NUMBER	E-MAIL	

PROJECT MAPPING

Mapping Documentation – Please attach a project map that displays the following:

- ❖ All locations/limits of the project (e.g. road limits, bridge and culvert locations, non-motorized pathways, ditching, utility relocation, streetscape items, new water retention/detention areas or any other item not described which could have potential environmental impacts).
- ❖ A basemap for spatial reference (aerial, street, topo). If hand drawn, label street names and intersections.
- ❖ A legend / key and map title.

MDOT Mapping Tool – MDOT has published an online mapping tool to assist local agencies in identifying environmentally sensitive resources that may be impacted by their project. Local agencies can use this free resource to assist them in creating a project map. Click here to access **DEGR**.

Please note that the map tool contains public datasets which may or may not be owned and/or updated by MDOT. Due to the limited availability and reliability of data resources the applicant is responsible for ensuring all information is accurate as it relates to the environmental conditions and prospective project.

SECTION II

ENVIRONMENTAL CONSIDERATIONS

NATIONAL WILD AND SCENIC RIVERS AND STATE DESIGNATED NATURAL RIVERS

WILL THE PROJECT INTERSECT A FEDERALLY DESIGNATED NATIONAL WILD AND SCENIC RIVER OR STATE DESIGNATED NATURAL RIVER? IF NO, THIS SECTION IS COMPLETE

YES

NO

IF YES, DOES THE PROJECT DIRECTLY OR INDIRECTLY IMPACT EITHER A
FEDERALLY DESIGNATED NATIONAL WILD AND SCENIC RIVER OR STATE
DESIGNATED NATURAL RIVER (WORK BELOW OHWM)? IF NO, THIS SECTION
IS COMPLETE.

YES

NO

LIST THE NAME OF THE IMPACTED RIVER(S) ALONG WITH ITS DESIGNATION.

PROVIDE COMMENT ON THE PROJECTED IMPACTS, WHY THEY ARE NECESSARY, AND WHY THEY CANNOT BE AVOIDED. DESCRIBE WHAT IS BEING DONE TO AVOID OR MINIMIZE IMPACTS.

APPLICABLE PERMIT(S)	PERMIT NEEDED	
	YES	NO
USFWS – SECTION 10 THREATENED AND ENDANGERED SPECIES / WILD-SCENIC RIVERS		
EGLE / USACE JOINT PERMIT: ☐ INLAND LAKES & STREAMS, PART 301 ☐ DAM SAFETY, PART 307,315		
MDNR PUBLIC AGENCY PERMIT NATURAL RIVERS, PART 305		

COMMERCIALLY NAVIGABLE RIVER OR STREAM

WILL THE PROJECT INTERSECT A COMMERCIALLY NAVIGABLE SECTION 10 RIVER OR STREAM AS DESIGNATED BY THE USACE? IF **NO**, THIS SECTION IS COMPLETE.

YES

☐

NO

☐

IF **YES**, DOES THE PROJECT HAVE ANY DIRECT OR INDIRECT IMPACTS TO THE RIVER OR STREAM (WORK BELOW OHWM)? IF **NO**, THIS SECTION IS COMPLETE.

YES

☐

NO

☐

IF YES, IDENTIFY THE NAME OF THE RIVER OR STREAM AND DESCRIBE IMPACTS:

DESCRIBE ANY AVOIDANCE OR MINIMIZATION MEASURES BEING IMPLEMENTED:

SUMMARIZE ANY COMMUNICATIONS WITH EGLE, USACE, OR USCG REGARDING IMPACTS TO NAVIGABLE WATERS.

APPLICABLE PERMIT(S)	PERMIT NEEDED	
	YES	NO
USCG SECTION 9 NAVIGABLE WATERS – STRUCTURES: CONSTRUCTION/MODIFICATION OF ANY BRIDGE SPANNING NAVIGABLE WATERS		
USACE – SECTION 10 NAVIGABLE WATERS		

COASTAL ZONES

WILL THE PROJECT BE LOCATED WITHIN A COASTAL ZONE AS DEFINED BY THE EGLE AND USACE? IF NO, THIS SECTION IS COMPLETE.

YES

NO

IF WITHIN A COASTAL ZONE, DOES YOUR PROJECT SCOPE HAVE ANY IMPACT ON COASTAL WATERS/RESOURCES SUCH AS FILLING, DREDGING, EARTH MOVING, OR OTHER CONSTRUCTION ACTIVITY WITHIN THE DEFINED ZONE? IF **NO**, THIS SECTION IS COMPLETE

YES

NO

DESCRIBE THE IMPACTS AND LIST ANY AVOIDANCE, MINIMIZATION, OR MITIGATION EFFORTS BEING PURSUED. IF APPLICABLE, DETAIL PERTINENT CORRESPONDENCE WITH EGLE OR USACE.

APPLICABLE PERMIT(S)	PERMIT NEEDED	
	YES	NO
EGLE/USACE JOINT PERMIT SHORELAND PROTECTION (HIGH RISK EROSION AREA), PART 323 CRITICAL DUNES, PART 353 SUBMERGED LANDS, PART 325		
USACE – GENERAL PERMIT/PERMISSIONS LETTER		

WETLANDS

WILL THE PROJECT HAVE A DIRECT IMPACT (FILLING, DREDGING, BUILDING, OR DRAINING) OR INDIRECT IMPACT (ALTERING WATER LEVEL DUE TO ADDITIONAL STORM WATER RUNOFF, CHANGING SIZE OF CULVERTS, WATER CONTROL STRUCTURES) TO A REGULATED WETLAND? IF **NO**, THIS SECTION IS COMPLETE.

YES

NO

PLEASE DESCRIBE BOTH PERMANENT AND/OR TEMPORARY IMPACT(S), AND, THE SIZE OF IMPACT:

IS WETLAND MITIGATION NEEDED FOR THIS PROJECT DUE TO WETLAND LOSS OR ASSOCIATED IMPACTS? IF **NO**, THIS SECTION IS COMPLETE.

YES

NO

IF APPLICABLE, PLEASE DESCRIBE THE WETLAND MITIGATION PLANNED FOR THIS PROJECT. COMMENT ON THE TYPE OF SITE, WHETHER IT IS A NEW SITE, RESTORATION OF EXISTING SITE(S), OR USING A WETLAND BANK CREDIT. DETAIL THE LOCATION OF THE MITIGATED SITE AND MITIGATION ACREAGE. FOR NEW OR RESTORED SITES, DOCUMENT THE ESTABLISHMENT PERIOD AND TYPE OF WETLAND (FORESTED, FEN, WET MEADOW...).

DESCRIBE ANY COORDINATION OR PERTINENT CORRESPONDENCE WITH EGLE:

APPLICABLE PERMIT(S)	PERMIT NEEDED	
	YES	NO
EGLE/USACE JOINT PERMIT WETLANDS PROTECTION, PART 303 DAM SAFETY, PART 307, 315		

100 YEAR FLOODPLAIN

ARE THE PROJECT LIMITS WITHIN A DEFINED FEMA FLOODPLAIN? IF NO, THIS SECTION IS COMPLETE.

YES

NO

IS THE DRAINAGE AREA OF THE FLOODPLAIN GREATER THAN OR EQUAL TO 2 SQUARE MILES? IF **NO**, THIS SECTION IS COMPLETE.

YES

NO

DOES THE PROJECT SCOPE INCLUDE ANY CONSTRUCTION, FILL OR ALTERATION (SIGNIFICANT GROUND DISTURBANCE WORK) OF THE FLOODPLAIN? IF **NO**, THIS SECTION IS COMPLETE.

YES

NO

IF YES TO ALL OF THE ABOVE, EXPLAIN THE NATURE OF THE WORK AND WHY IT IS NECESSARY. IF APPLICABLE, LIST ANY MITIGATION (CUTS OR FILL), RESTRICTIONS, OR SPECIAL PROVISIONS ON THE WORKSITE.

APPLICABLE PERMIT(S)	PERMIT NEEDED	
	YES	NO
EGLE/USACE JOINT PERMIT FLOODPLAIN REGULATION, PART 31		

IS THE PROJECT WITHIN AN MS4 REGULATED AREA? IF NO, THIS SECTION IS COMPLETE.

YES

NO

WHO IS THE OWNER/OPERATOR OF THE MS4 ASSOCIATED WITH THE PROJECT? _____

WILL THE PROJECT MEET THE REQUIREMENTS OF THE MS4 PERMIT APPLICABLE TO THE PROJECT AREA (E.G., POST CONSTRUCTION RUNOFF CONTROL AND TMDL-POLLUTANT REDUCTION GOAL)? IF NO, DESCRIBE BELOW AND INDICATE A REVIEW BY EGLE IS NEEDED IN THE APPLICABLE PERMITS SECTION.

SOIL DISTURBANCE

HOW MANY ACRES OF TOTAL LAND AREA WILL BE DISTURBED? IF LESS THAN ONE ACRE, THIS SECTION IS COMPLETE UNLESS THE PROJECT IS WITHIN 500 FEET OF WATERS OF THE STATE OR SURFACE WATER (PER PART 91).

<1ACRE

1-5 ACRES *

>5 ACRES **

IF AN AUTHORIZED PUBLIC AGENCY (APA) IS PERFORMING THE PROJECT, WILL YOU MEET THE REQUIREMENTS OF YOUR APPROVED OPERATING PROCEDURES?

YES

NO

N/A

IF A PARTY OTHER THAN AN APA IS PERFORMING THE PROJECT, WILL YOU MEET THE REQUIREMENTS OF PART 91 BY OBTAINING A SOIL EROSION SEDIMENTATION CONTROL (SESC) PERMIT FROM THE LOCAL MUNICIPALITY OR COUNTY IN WHICH THE PROJECT IS TAKING PLACE?

YES

NO

NOT AN APA

* IF 1-5 ACRES, THE PROJECT MUST MEET THE REQUIREMENTS OF PERMIT BY RULE. A NOTICE OF COVERAGE (NOC) FROM EGLE IS NOT REQUIRED.

** IF >5 ACRES, THE PROJECT MUST MEET THE REQUIREMENTS OF PERMIT BY RULE AND A NOTICE OF COVERAGE (NOC) OBTAINED FROM EGLE.

APPLICABLE PERMIT(S)	PERMIT NEEDED	
	YES	NO
EGLE – NPDES: NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM		
EGLE – NOC: NOTICE OF COVERAGE		

WILL THE PROJECT HAVE A DIRECT IMPACT (FILLING, DREDGING, STRUCTURES, CONSTRUCTION OR CONNECTION OF A WATERWAY SUCH AS A POND OR DITCH, OR ALTERING WATER LEVELS) TO A REGULATED LAKE OR STREAM *? IF NO, THIS SECTION IS COMPLETE.		YES	NO
IDENTIFY THE NAME OF THE IMPACTED LAKE OR STREAM			
DESCRIBE ANY EFFORTS TO AVOID AND MINIMIZE IDENTIFIED IMPACTS			
DESCRIBE ANY COORDINATION OR PERTINENT CORRESPONDENCE WITH EGLE			
IS STREAM MITIGATION NEEDED FOR THIS PROJECT DUE TO STREAM FUNCTIONAL LOSS OR ASSOCIATED IMPACTS? IF NO, THIS SECTION IS COMPLETE.			
IF APPLICABLE, PLEASE DESCRIBE THE STREAM MITIGATION PLANNED FOR THIS PROJECT. INCLUDE THE SIZE AND LOCATION OF THE MITIGATION.			
* DEFINITION OF AN INLAND LAKE OR STREAM:			
• A NATURAL OR ARTIFICIAL LAKE, POND, OR IMPOUNDMENTS THAT IS 5 ACRES OR MORE IN SIZE; • A RIVER, STREAM, OR CREEK WHICH MAY OR MAY NOT BE SERVING AS A COUNTY DRAIN; OR • ANY OTHER BODY OF WATER THAT HAS DEFINITE BANKS, A BED, AND VISIBLE EVIDENCE OF A CONTINUED FLOW OR CONTINUED OCCURRENCE OF WATER.			
APPLICABLE PERMIT(S)	PERMIT NEEDED		
	YES	NO	
EGLE – INLAND LAKES AND STREAMS, PART 301			
EGLE – USACE JOINT PERMIT			

 MORE INFO

THREATENED AND ENDANGERED SPECIES

IS YOUR PROJECT EXEMPT BASED ON WORK TYPE?

YES

NO

IF YES, ATTACH A COPY OF THE OFFICIAL IPAC SPECIES LIST ONLY (STATE LIST NOT REQUIRED) AND EXPLAIN HOW YOUR PROJECT MEETS THE SCOPE OF WORK EXEMPTION (LIST OF EXEMPT WORK TYPES CAN BE FOUND ON THE MORE INFORMATION LINK):

IF NO, COMPLETE THE TABLES BELOW BASED ON YOUR FEDERAL AND STATE SPECIES LISTS. IF YOU NEED MORE LINES, PLEASE ATTACH ADDITIONAL SHEETS.

FEDERALLY LISTED SPECIES

IF YOU MAKE A NO EFFECT DETERMINATION FOR A SPECIES, PLEASE DOCUMENT HOW YOU CAME TO THAT CONCLUSION. YOU DON'T NEED CONCURRENCE FROM USFWS FOR A NO EFFECT DETERMINATION, IF YOU HAVE A NLAA OR LAA PLEASE ATTACH A CONCURRENCE LETTER FROM USFWS.

LISTED SPECIES (INCLUDE ALL SPECIES FROM FEDERAL AND STATE SPECIES LISTS)	EFFECT DETERMINATION	LIST PROJECT CONFLICTS (TREE CLEARING, BRIDGE REMOVAL/REPLACEMENT, DISRUPTING SUITABLE HABITAT, WORK BELOW THE OHWM, ETC.)	DESCRIBE HOW YOU CAME TO YOUR EFFECT DETERMINATION. ATTACH ANY SUPPORTING DOCUMENTATION (E.G. REPORT FROM QUALIFIED EXPERT, CONCURRENCE LETTER, SURVEYS, PHOTOS, EMAILS WITH USFWS, ETC.)	LIST ANY BMPs, SPECIAL PROVISIONS, OR OTHER AVOIDANCE/MINIMIZATION MEASURES
EXAMPLE: INDIANA BAT	NOT LIKELY TO ADVERSELY AFFECT (NLAA)	TREE REMOVAL	USED MICHIGAN DETERMINATION KEY. CONSISTENCY LETTER IS ATTACHED.	TREE CUTTING/TRIMMING WILL BE DONE DURING THE INACTIVE SEASON, BETWEEN OCTOBER 1 – MARCH 31.


[MORE INFO](#)

STATE LISTED SPECIES**FOR STATE LISTED SPECIES PLEASE MAKE AN EFFECT OR NO EFFECT DETERMINATION:**

LISTED SPECIES (INCLUDE ALL SPECIES FROM FEDERAL AND STATE SPECIES LISTS)	EFFECT DETERMINATION	LIST PROJECT CONFLICTS (TREE CLEARING, BRIDGE REMOVAL/REPLACEMENT, DISRUPTING SUITABLE HABITAT, WORK BELOW THE OHWM, ETC.)	DESCRIBE HOW YOU CAME TO YOUR EFFECT DETERMINATION. ATTACH ANY SUPPORTING DOCUMENTATION (E.G. REPORT FROM QUALIFIED EXPERT, SURVEYS, PHOTOS, EMAILS WITH DNR, ETC.)	LIST ANY BMPs OR AVOIDANCE/MINIMIZATION MEASURES

**MORE INFO**

HISTORIC PROPERTIES AND ARCHAEOLOGICAL RESOURCES

HISTORIC PROPERTIES INCLUDE BOTH ABOVE GROUND AND BELOW GROUND RESOURCES. THERE ARE THREE DIFFERENT TYPES OF PROJECT CATEGORIES: EXCEPTED, CONDITIONALLY EXCEPTED, AND NOT EXCEPTED.

****CLICK ON THE MORE INFO LEAF TO ACCESS THE MDOT LAP SECTION 106 GUIDANCE DOCUMENT & REQUIRED APPLICATIONS****

EXCEPTED PROJECTS (GROUP 1):

DOES YOUR PROJECT MEET THE GROUP 1 EXCEPTED WORK TYPES? YES NO

DESCRIBE THE SCOPE OF WORK AND PROVIDE AN EXPLANATION OF HOW THIS PROJECT AND ALL OF ITS COMPONENTS MEET THE GROUP 1 EXCEPTION.

IF YOUR PROJECT IS EXCEPTED, THE SECTION 106 PROCESS IS CONCLUDED UNLESS THE PROJECT LIMITS OR SCOPE CHANGES.
IF YOUR PROJECT IS NOT EXCEPTED, YOU MUST SUBMIT EITHER THE ARCHAEOLOGICAL SENSITIVITY INQUIRY OR THE MDOT LAP SECTION 106 APPLICATION.

CONDITIONALLY EXCEPTED PROJECTS (GROUP 2):

YOU MUST SUBMIT THE ARCHAEOLOGICALLY SENSITIVE INQUIRY TO DETERMINE IF YOUR PROJECT MEETS THE GROUP 2 CONDITIONAL EXCEPTIONS.

DID THE ARCHAEOLOGIST DETERMINE THAT YOUR PROJECT IS ARCHAEOLOGICALLY SENSITIVE? YES NO

IF NO, PLEASE SUBMIT THE CONDITIONAL EXCEPTIONS DOCUMENTATION.

IF YES, PLEASE SUBMIT THE MDOT LAP SECTION 106 APPLICATION.

YOU MUST SUBMIT THE CONDITIONAL EXCEPTIONS DOCUMENTATION TO DETERMINE IF YOUR PROJECT MEETS THE GROUP 2 CONDITIONAL EXCEPTIONS.

DID THE ARCHAEOLOGIST & HISTORIAN DETERMINE THAT YOUR PROJECT IS CONDITIONALLY EXCEPTED? YES NO

IF YOUR PROJECT IS EXCEPTED, SECTION 106 IS CONCLUDED UNLESS THE PROJECT LIMITS OR SCOPE CHANGES.

IF YOUR PROJECT IS NOT EXCEPTED, PLEASE SUBMIT THE MDOT LAP SECTION 106 APPLICATION.

NOT-EXCEPTED PROJECTS:

IF YOUR PROJECT IS NOT EXCEPTED (GROUP 1) OR CONDITIONALLY EXCEPTED (GROUP 2), YOU MUST UPLOAD A COMPLETED MDOT LAP SECTION 106 APPLICATION.

NEPA IS NOT COMPLETE UNTIL THE REQUIRED RESPONSES FROM THE MDOT CULTURAL RESOURCES SPECIALISTS HAVE BEEN PROVIDED TO THE MDOT NEPA REVIEWER.



MORE INFO

SECTION 4(F) PUBLIC PUBLIC PARK, RECREATION, REFUGE

DOES YOUR PROJECT RUN THROUGH OR ADJACENT TO ANY OF THE FOLLOWING PUBLICLY OWNED* AND PUBLICLY ACCESSIBLE* PROPERTIES:

PARK OR PLAYGROUND
 SCHOOL PARK/PLAYGROUND
 WILDLIFE OR WILDFOWL REFUGE/PRESERVE/SANCTUARY
 ATHLETIC FIELD
 RECREATION AREA
 NON-MOTORIZED TRAIL/PATH
 NATURE CENTER
 GOLF COURSE
 OTHER 4(F) PROPERTY (STATE FOREST PROPERTY, CAMPGROUNDS, WATER TRAIL
 NONE OF THE ABOVE

IF NONE OF THE ABOVE, THIS SECTION IS COMPLETE.

WILL ACCESS TO THE SECTION 4(F) PROPERTY (INCLUDING TRAILS AND WATERWAYS) BE MAINTAINED THROUGHOUT CONSTRUCTION?	YES	NO
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WILL CONSTRUCTION RELATED ACTIVITIES BE CONTAINED WITHIN THE ROAD ROW?	YES	NO
--	-----	----

IF YOU ANSWERED YES TO THE TWO PREVIOUS QUESTIONS, PLEASE PROVIDE A BRIEF SUMMARY OF THE 4(F) PROPERTY IN THE COMMENT BOX BELOW AND THIS SECTION IS COMPLETE.

IF NO, DESCRIBE THE CURRENT USE OF THE PROPERTY AND WHAT IMPACTS THE PROJECT WILL HAVE ON IT (E.G. ACCESS ISSUES, TRAIL DETOUR, PERMANENT OR TEMPORARY ROW OR EASEMENT, OR PERMANENT OR TEMPORARY TRANSFER OF PROPERTY OWNERSHIP):

DOES THE PROJECT FALL UNDER ANY OF THE FOLLOWING COMMON SECTION 4(F) EXCEPTIONS	YES	NO
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TEMPORARY OCCUPANCY (ALL OF THE FOLLOWING MUST APPLY):

DURATION OF IMPACT LESS THAN TOTAL TIME TO CONSTRUCT
 SCOPE OF WORK IS MINOR i.e. both the nature and the magnitude of the changes to the 4(f) property are minimal
 NO PERMANENT IMPACTS AND NO PERMANENT OR TEMPORARY INTERFERENCE WITH THE ATTRIBUTES OF THE PROPERTY THAT MAKE IT 4(F) ELIGIBLE (E.G. ACCESS TO A TRAIL MUST BE MAINTAINED VIA A DETOUR ROUTE)
 LAND WILL BE RETURNED TO ORIGINAL CONDITION OR BETTER
 AGREEMENT IN WRITING FROM THE OFFICIAL WITH JURISDICTION REGARDING THE ABOVE CONDITIONS
 (PLEASE ATTACH LETTER AND COPIES OF ANY COORDINATION)

ENHANCEMENT (ALL OF THE FOLLOWING MUST APPLY):

USE OF SECTION 4(F) PROPERTY IS SOLELY FOR THE PURPOSE OF PRESERVING OR ENHANCING THE ACTIVITY, FEATURE, OR ATTRIBUTE THAT QUALIFIES THE PROPERTY FOR SECTION 4(F) PROTECTION (E.G. TRAIL BUILT THROUGH A PARK)
 THE OFFICIAL WITH JURISDICTION HAS AGREED TO THE ABOVE IN WRITING (PLEASE ATTACH LETTER)
 NO ROW OF PERMANENT EASEMENTS ARE REQUIRED FROM THE 4(F) PROPERTY
 FUNDED THROUGH THE TRANSPORTATION ALTERNATIVES PROGRAM

IF THERE ARE MINOR IMPACTS TO A SECTION 4(F) PROPERTY AND THE PROJECT DOES NOT FALL UNDER THE ABOVE LISTED EXEMPTIONS, YOU MAY NEED TO SEEK DE MINIMIS APPROVAL. DE MINIMIS MEANS THAT THE PROJECT WILL NOT ADVERSELY AFFECT THE FEATURES, ATTRIBUTES, OR ACTIVITIES QUALIFYING THE PROPERTY FOR 4(F) PROTECTION. IT REQUIRES THE FOLLOWING (PLEASE ATTACH DOCUMENTATION):

PUBLIC INVOLVEMENT SPECIFICALLY SEEKING COMMENT ON THE 4(F) PROPERTY
 A WRITTEN EXPLANATION WHY THE IMPACT IS UNAVOIDABLE
 A LETTER FROM THE OFFICIAL WITH JURISDICTION

PUBLICLY OWNED MEANS OWNED BY A LOCAL, STATE, OR FEDERAL GOVERNMENT AGENCY; PUBLICLY ACCESSIBLE MEANS THE PROPERTY IS OPEN TO THE PUBLIC DURING REGULARLY SCHEDULED HOURS. IF ACCESS IS RESTRICTED, MEMBERSHIP IS REQUIRED, OR THE FACILITY IS LOCKED WHEN NOT IN USE, THEN IT IS NOT SUBJECT TO 4(F) REGULATIONS.



MORE INFO

SECTION 6(F) GRANT FUNDED PUBLIC PARK, RECREATION, REFUGE

DOES YOUR PROJECT RUN THROUGH OR ADJACENT TO LANDS OR FACILITIES PURCHASED OR DEVELOPED WITH A LAND AND WATER CONSERVATION FUND? IF **NO**, THIS SECTION IS COMPLETE.

YES

☐

NO

☐

IF **YES**, WILL CONSTRUCTION ACTIVITIES HAVE ANY IMPACT ON THESE LANDS (E.G. STAGING, ROW ACQUISITION, PREVENTING/LIMITING ACCESS)

YES

☐

NO

☐

IF **YES**, HAS THE DEPARTMENT OF INTERIOR AND/OR MDNR BEEN CONSULTED?

YES

☐

NO

☐

DESCRIBE THE IMPACTS. DISCUSS PERTINENT CONSULTATION/CORRESPONDENCE WITH THE DEPARTMENT OF INTERIOR AND/OR MDNR. IF THERE IS MITIGATION NEEDED, PLEASE DETAIL BELOW:

AGRICULTURAL PROPERTIES

DOES YOUR PROJECT RUN THROUGH OR ADJACENT TO A PA116 - FARMLAND AND PRESERVATION LAND AND/OR PRIME AND UNIQUE FARMLAND? IF **NO**, THIS SECTION IS COMPLETE.

PA116

PRIME/UNIQUE

NO

DOES YOUR PROJECT REQUIRE PERMANENT ROW OR GRADING PERMITS ON THESE LANDS? IF **NO**, THIS SECTION IS COMPLETE.

YES

NO

IF YES TO THE ABOVE, DESCRIBE ANY COORDINATION OR CONSULTATION BETWEEN THE LOCAL AGENCY, MDARD, THE USDA, AND THE PROPERTY OWNER. DESCRIBE ANY AVOIDANCE, MINIMIZATION OR MITIGATION MEASURES BEING PURSUED AS PART OF THE PROJECT. IF APPLICABLE, DISCUSS THE FARMLAND AND CONVERSION IMPACT RATING SCORE.

CONTAMINATION SITES

ARE THERE ANY IDENTIFIED OR POTENTIAL CONTAMINATION SITES
WITHIN THE LIMITS OF YOUR PROJECT (INCLUDE 500' BUFFER)? IF NO,
THIS SECTION IS COMPLETE.

YES

NO

IF YES, DOES YOUR PROJECT REQUIRE ANY GROUND
DISTURBANCE OR DEWATERING WORK IN THE SUBJECT AREA(S)?
IF NO, THIS SECTION IS COMPLETE.

YES

NO

IF YES, A PRELIMINARY SITE INVESTIGATION SHOULD BE PERFORMED TO DETERMINE IF CONTAMINATION AT THESE SITES WILL
BE ENCOUNTERED DURING CONSTRUCTION. PLEASE ATTACH DOCUMENTATION OF THE INVESTIGATION. PLEASE LIST THE
IDENTIFYING SITE NUMBER (LUST #, FACILITY #, ETC.) BELOW.

PLEASE DESCRIBE THE STEPS THAT WILL BE TAKEN SHOULD ANY VISUAL, OLFACTORY, OR OTHER EVIDENCE OF A CONTAMINATION
SITE BE DISCOVERED DURING CONSTRUCTION.

TRAFFIC IMPACTS

WILL YOUR PROJECT HAVE ANY OF THE FOLLOWING (*CHECK ALL THAT APPLY*). IF **NONE**, THIS SECTION IS COMPLETE.

ACTIVE TRAFFIC MANAGEMENT *

ROAD DIET (IF >15K ADT ANALYSIS IS REQUIRED)

ONE TO TWO-WAY CONVERSION ADDING

PERMANENT ROAD CLOSURE/ELIMINATING
THROUGH LANES.

THROUGH VEHICULAR CAPACITY

IF YOU CHECKED ONE OR MORE BOXES, CONTINUE.

HAS A TRAFFIC IMPACT ANALYSIS BEEN CONDUCTED?

YES

NO

LEVEL OF SERVICE

CURRENT:

PROJECTED:

PLEASE COMMENT ON WHY THE WORK TYPES SELECTED ABOVE ARE APPROPRIATE FOR THIS PROJECT. ALSO, IF A TRAFFIC ANALYSIS WAS NOT COMPLETED, PLEASE EXPLAIN WHY.

IF AVAILABLE, ATTACH A COPY OF THE TRAFFIC IMPACT ANALYSIS OR SUMMARY:

IF ONE OR MORE OF THE TRAFFIC **IMPACTS** ABOVE WAS SELECTED, A PUBLIC INVOLVEMENT / OUTREACH COMPONENT IS REQUIRED. THE REQUIRED PUBLIC INVOLVEMENT SHOULD BE USED TO INFORM AND EDUCATE THE PUBLIC OF THE PROPOSED PROJECT AND SERVES AS AN OPPORTUNITY TO SOLICIT FEEDBACK. USE THE COMMENT SPACE BELOW TO DESCRIBE THE LEVEL OF PUBLIC INVOLVEMENT/OUTREACH AND ATTACH SUPPORT (NOTICES, ELECTRONIC POSTINGS, SIGN-IN SHEETS, COMMENT FORMS, MINUTES ETC.) THAT PUBLIC INVOLVEMENT/OUTREACH WAS CONDUCTED. BE SURE TO DOCUMENT SUBSTANTIVE CONCERNS AND HOW THEY WERE ADDRESSED.

* ATM STRATEGIES INCLUDE DYNAMIC SPEED LIMITS, DYNAMIC LANE USE CONTROL, DYNAMIC JUNCTION CONTROL, AND ADAPTIVE RAMP METERING.

NOISE IMPACTS

DOES THIS PROJECT HAVE ANY OF THE FOLLOWING COMPONENTS? IF **NO**, THIS SECTION IS COMPLETE. YES NO

CAPACITY INCREASE (TRAVEL THROUGH LANE OR AUXILIARY LANE [EXCEPT FOR TURN LANES])

NEW ROAD - (A ROADWAY THAT CURRENTLY DOES NOT EXIST)

VERTICAL OR HORIZONTAL ALTERATION OF AN EXISTING HIGHWAY

THE ADDITION OR RELOCATION OF INTERCHANGE LANES OR RAMPS

IF ONE OF THE ABOVE IS CHECKED, A NOISE ANALYSIS REQUIRED.

PLEASE DESCRIBE ANY NOISE MITIGATION EFFORTS:

AIR QUALITY

IS THE PROJECT LOCATED IN A NON-ATTAINMENT OR MAINTENANCE AREA? IF **NO**, THIS SECTION IS COMPLETE. YES NO

FOR WHICH NAAQS LISTED CRITERIA POLLUTANT?

☐ PARTICULATE MATTER (PM_{2.5} OR PM₁₀)

☐ OZONE (O₃)

☐ CARBON MONOXIDE (CO)

OTHER:

IS THE PROJECT LISTED AS EXEMPT ON THE S/TIP FOR AIR QUALITY? YES NO
IF YES, THIS SECTION IS COMPLETE.

PROJECT LEVEL HOT SPOT ANALYSIS NEEDED FOR PM OR CO? YES NO

IF THE PROJECT UNDERWENT A HOT SPOT ANALYSIS, PLEASE ATTACH A SUMMARY OF THE FINDINGS. YOU CAN ALSO USE THE COMMENT SPACE BELOW TO PROVIDE A BRIEF STATUS OF THE ANALYSIS.

PUBLIC CONTROVERSY

IS THERE ANY CURRENT OR FORESEEABLE SOCIAL, ECONOMIC OR ENVIRONMENTAL CONTROVERSY SURROUNDING THIS PROJECT?

YES

NO

IF YES, PLEASE DESCRIBE THE CONTROVERSIAL ASPECTS OF THIS PROJECT ALONG WITH HOW ISSUES WERE ADDRESSED.

IS THE PROJECT IN AN ENVIRONMENTAL JUSTICE (EJ) ZONE?

YES

NO

IF NO, ARE THERE OTHER KNOWN EJ POPULATIONS WITHIN THE PROJECT AREA?

YES

NO

HAS THERE BEEN ANY OUTREACH TO ORGANIZATIONS THAT REPRESENT EJ POPULATIONS? PLEASE DESCRIBE BELOW.

WAS A PUBLIC MEETING/HEARING HELD?

YES

NO

PLEASE DESCRIBE HOW THE PUBLIC WAS ENGAGED (PUBLIC MEETINGS, WEBPAGE POSTINGS, MAILINGS, MESSAGE BOARDS, SOCIAL MEDIA...) AND AT WHAT POINT WAS THAT DONE DURING THE PROJECT PLANNING PROCESS. DESCRIBE OUTCOME.



MORE INFO

SECTION IV CLASSIFY & CERTIFY

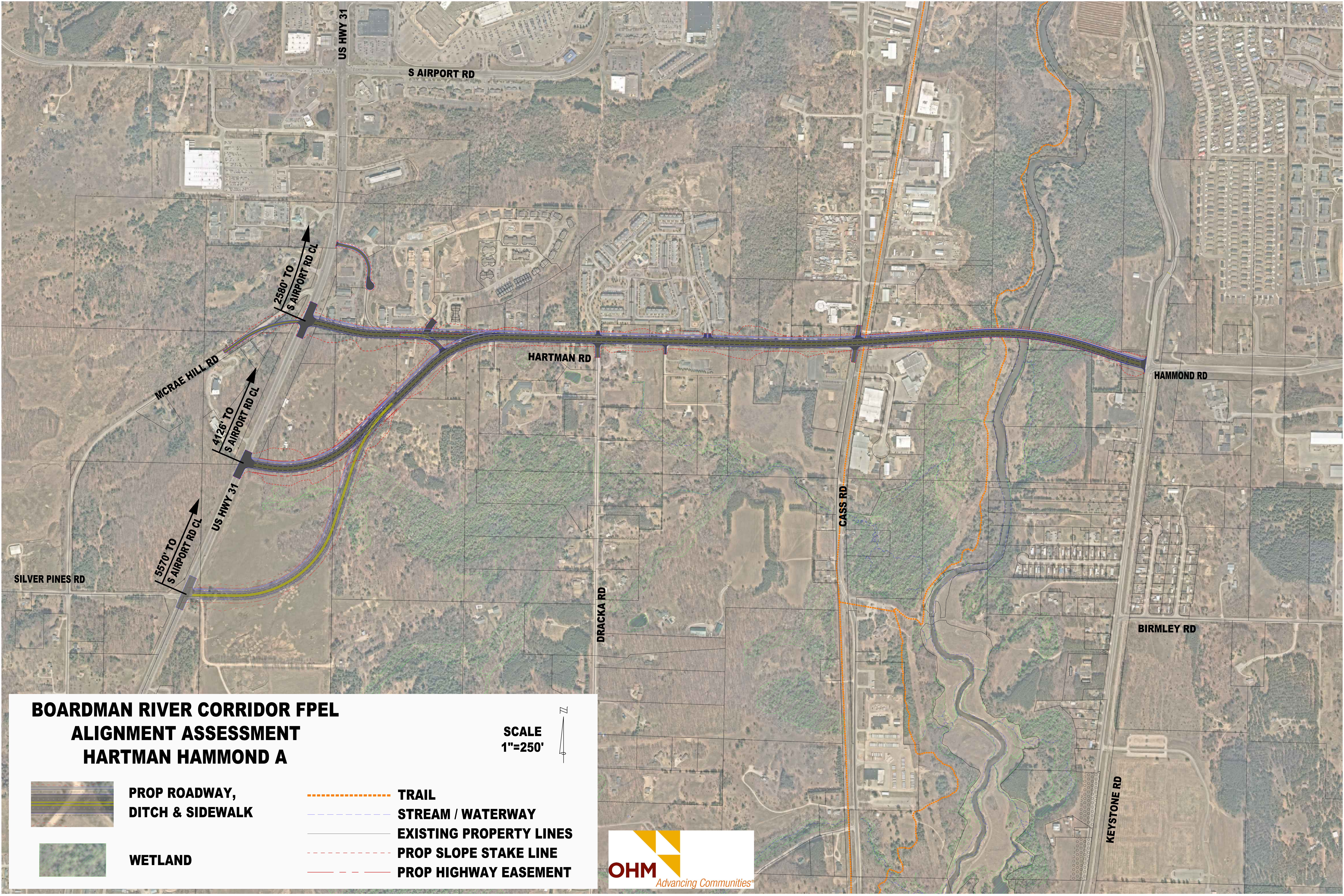
PROJECT CLASSIFICATION	
BASED ON THE SCOPE OF WORK, EVALUATION OF THE SOCIAL, ECONOMIC, AND ENVIRONMENTAL ISSUES, AND IN ACCORDANCE WITH FEDERAL GUIDELINES AND REGULATIONS, WE, THE PARTIES SIGNED BELOW, RECOMMEND THE PROJECT BE CLASSIFIED AS THE FOLLOWING:	
CLASS I – PREPARATION OF AN ENVIRONMENTAL IMPACT STATEMENT – 'MAJOR FEDERAL ACTIONS SIGNIFICANTLY AFFECTING THE QUALITY OF THE HUMAN ENVIRONMENT'	
CLASS II – CATEGORICAL EXCLUSION	
CLASS III – PREPARATION OF AN ENVIRONMENTAL ASSESSMENT	FONSI DATE: _____
PLEASE RETAIN A COPY OF THIS FORM AND SUPPORTING DOCUMENTATION WITH THE LOCAL AGENCY PROJECT FILE. THESE FILES ARE SUBJECT TO MONITORING AND REVIEW BY MDOT AND THE FEDERAL HIGHWAY ADMINISTRATION.	

PROJECT CERTIFICATION		
WE HEREBY CERTIFY THIS DOCUMENT TO BE TRUE AND ACCURATE FOR FULFILLING THE FEDERAL, STATE AND LOCAL LAWS, REGULATIONS AND REQUIREMENTS AND THAT THIS DOCUMENT HAS NOT BEEN MODIFIED IN ANY WAY FROM THE DATE OF CERTIFICATION DETAILED BELOW.		
AFFIX PREPARER'S LICENSED PROFESSIONAL ENGINEER'S SEAL		
PREPARER REGISTRATION NUMBER		EXPIRATION DATE
SIGNATURE OF PREPARER	DATE	NAME OF CONSULTANT/AGENCY
LOCAL AGENCY SIGNATORY (IF DIFFERENT FROM PREPARER)	DATE 03-13-2023	TITLE County Highway Engineer
FOR MDOT USE ONLY		
I APPROVE THE ENVIRONMENTAL CLASSIFICATION AS DETERMINED BY THE LOCAL AGENCY.		
MDOT ENVIRONMENTAL SERVICES SECTION - LAP UNIT REPRESENTATIVE		DATE:
THIS PROJECT REQUIRED FHWA CONCURRENCE	FHWA CONCURRENCE DATE	

SUBMIT YOUR COMPLETED FORM IN PROJECTWISE AND NOTIFY MDOT-LAP-NEPA-Reviews@Michigan.gov ONCE SUBMITTED.

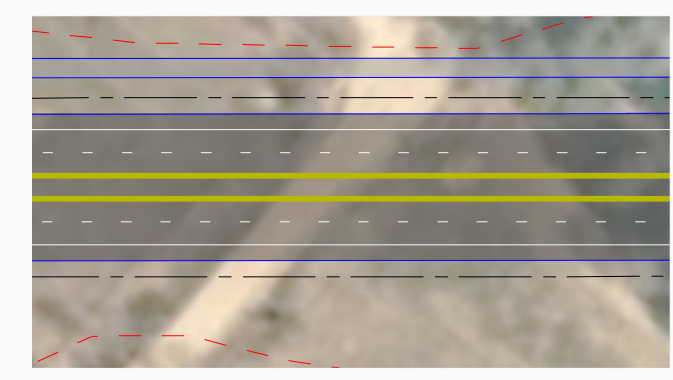
Boardman River Crossing Form 5323 - Comments and Responses		
MDOT Comments		Response
Funding Plan		
1	This document needs to identify the estimated cost of the project elements, including the bridge and road widening.	A preliminary cost estimate has been added to the funding plan
2	This document needs to identify what type of grants will be applied to for funding this project. The grant names and their frequency should be indicated.	Grant types and anticipated NOFO schedules have been added to the funding plan
3	The document should indicate the commitment of the local agency to provide local funding for the project.	GTCRC resolution (commitment to funding) pending and forthcoming
4	The document should indicate that funding for an environmental assessment has already been secured.	Funding plan updated to note GTCRC is currently under contract to fund the EA
Form 5323		
1 General Comments		
a	Please remove all references to “during the EA” in the 5323 form. Revise these statements to indicate the possible impacts on resources and what future coordination/action is needed because of the known or potential impacts.	All references to “during the EA” removed from Form 5323
b	If you have documentation that has been completed that indicates no impacts to various resources, please include that documentation.	Impact assessment documentation added to Form 5323 as needed
c	Relevant documentation from the PEL that assists in telling the story of the potential impacts of this project should be included.	Relevant documentation from the PEL has been referenced in Form 5323 and/or added as an attachment to the form. Attachment A provides a summary of the Boardman River Crossing PEL.
2 Page 1: Project Purpose		
a	You mention the purpose is to provide less congestion for non-motorized users. What data has been gathered showing congestion is an issue for non-motorized users?	To clarify, the Purpose & Need from the PEL noted the following, "non-motorized connections for east-west movements are limited to existing busy and congested corridors creating safety concerns while transit riders are faced with increased headways and delays. Additional connections are needed for safety, greater mobility, and improved system resilience." The purpose in Form 5323 has been clarified. The need for additional and safe nonmotorized connections is documented on pages 24-31 of the PEL.
3 Page 2: Natural Rivers		
a	Page 2 states: “During the Boardman River Crossing Planning and Environmental Linkages Study (PEL), a meeting was held on 1/28/22 with resource agencies to discuss the Locally Acceptable Alternative. Mr. Patrick Ertel from the Michigan Department of Natural Resources (MDNR) - Scenic Rivers, indicated the Hartman-Hammond Alternative (i.e., Locally Acceptable Alternative) was outside of the Boardman River Natural Rivers boundary. Therefore, no impacts are anticipated”. Please provide some documentation of this because the Boardman River is a state designated natural river. (See natural rivers boardman map.)	Additional documentation has been provided as Attachment B to Form 5323. In summary, the proposed project is 1,200-2,200 feet north of the natural river boundary.
b	Please indicate a Natural Rivers Part 305 permit will be needed unless you have documentation otherwise.	A Natural Rivers Part 305 permit will not be required.
4 Page 6: Coastal Zones		
a	You indicate that the area is within the Garfield Township Coastal Zone Management Boundary when the area is in the EGLE coastal zone management area. Please refer to attachment 31383. Please clarify.	Form 5323 revised to note EGLE coastal zone management area
b	Please describe what some potential impacts to the coastal zone could be depending on the alignment. Indicate that because of the impacts, more coordination will be needed.	Potential impacts and the need for additional coordination added to Form 5323
5 Page 8: 100 Year Floodplain		
a	Please provide a map of the current floodplain in the project area.	Floodplain map added as Attachment C to Form 5323
b	Please identify what potential impacts will occur to the floodplain.	Potential floodplain impacts added to Form 5323
6 Page 10: Inland Lakes and Streams		
a	Please check the box to indicate that this project will have a direct impact to a regulated lake or stream.	Box checked to indicate impacts to stream/Part 301 Permit needed
b	Identify the Boardman River as impacted. Also indicate that Hammond Rd crosses a Mussel Protocol Stream, (attachment 3135).	Form 5323 updated to indicate the Boardman River is a Group 1 Mussel Protocol Stream.
c	Unless you have documentation otherwise, please indicate that a Part 301 permit will likely be needed and a USACE Joint Permit will not be needed.	Box checked to indicate impacts to stream/Part 301 Permit needed
7 Page 11: Threatened and Endangered Species		
a	Please provide a state and federal Threatened and Endangered species lists.	State and federal Threatened and Endangered species lists have been attached as Attachment D to Form 5323
b	On the form, please indicate what species are in the area and if an effect determination is known. If the effect determination is not known, please indicate the project conflicts.	Species listed on Form 5323. Effect determination is not known at this time. Form 5323 revised to indicate the project conflicts.

c	The document states "During the PEL, an Ecological Assessment was completed for the Boardman River valley within the study area. No Threatened and Endangered (T&E) species were observed in the assessment area,"	The Ecological Assessment was conducted by qualified biologist (GEI Consultants) and an ecological report was prepared as part of the PEL. The report can be found on page 149 of the attached Boardman PEL Appendices. For the PEL, only the Boardman River Valley was assessed. As noted in Form 5323, an additional ecological assessment will be conducted (Spring/Summer 2023) for the US-31/Hartman Road intersection and Hartman Road realignment.
	How was that determined? Was it through an ecological report, survey, pictures? This should cover the whole impacted area (total project limit.)	
8 Page 13: Historic Properties and Archeological Resources		
a	Please complete the LAP CR forms to indicate what potential impacts to cultural resources may occur.	As noted in Form 5323, the project is Not Excepted. Therefore, a Section 106 Application will be prepared and submitted. It is anticipated the Section 106 Application will be prepared and submitted late Spring 2023.
b	You state that in January 2023, a desktop review was conducted? Who conducted this review?	The desktop review was conducted by qualified Archaeologist/Historian (Orbis Environmental Consulting). The desktop review has been included as Attachment E.
9 Page 14: Section 4(f)		
a	Please indicate if an adverse impact is possible given the scope of the bridge. Identify what additional coordination is needed (without deferring to "during the EA...").	Form 5323 noted potential impacts and additional coordination needed (individual Section 4(f) analysis and resource agency and OWJ coordination). Form updated to specify adverse impact.
10 Page 15: Agricultural Properties		
a	There does not seem to be PA 116 farmland within the limits, see attachment 3134 and please clarify.	Form 5323 revised to note PA 116 farmlands are not located within project area.
11 Page 16: Contamination Sites		



**BOARDMAN RIVER CORRIDOR FPEL
ALIGNMENT ASSESSMENT
HARTMAN HAMMOND A**

**SCALE
1"=250'**



**PROP ROADWAY,
DITCH & SIDEWALK**



TRAIL



STREAM / WATERWAY



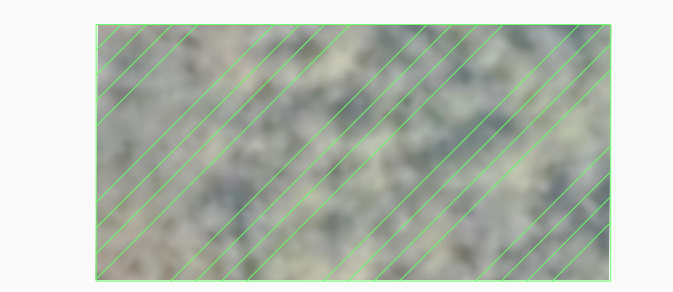
EXISTING PROPERTY LINES



PROP SLOPE STAKE LINE



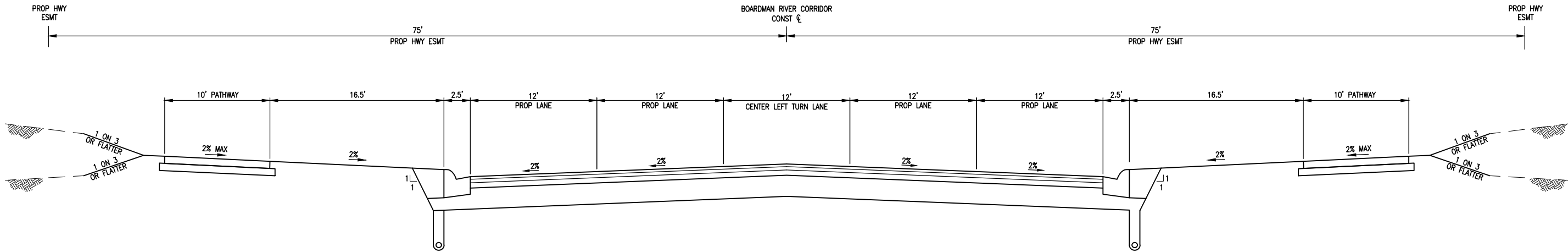
PROP HIGHWAY EASEMENT



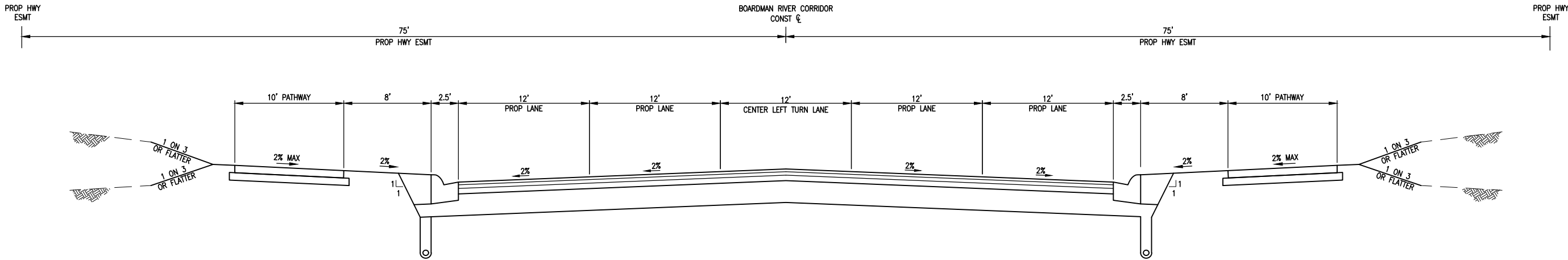
WETLAND



DRAWING PATH: P:\7301_7400\73120060_boardman_river_corridor - ph_2\Drawings\Civil\Typicals\BRC_TYP.dwg Feb 27, 2023 - 4:44pm



BOARDMAN RIVER CORRIDOR
WEST ROADWAY APPROACH



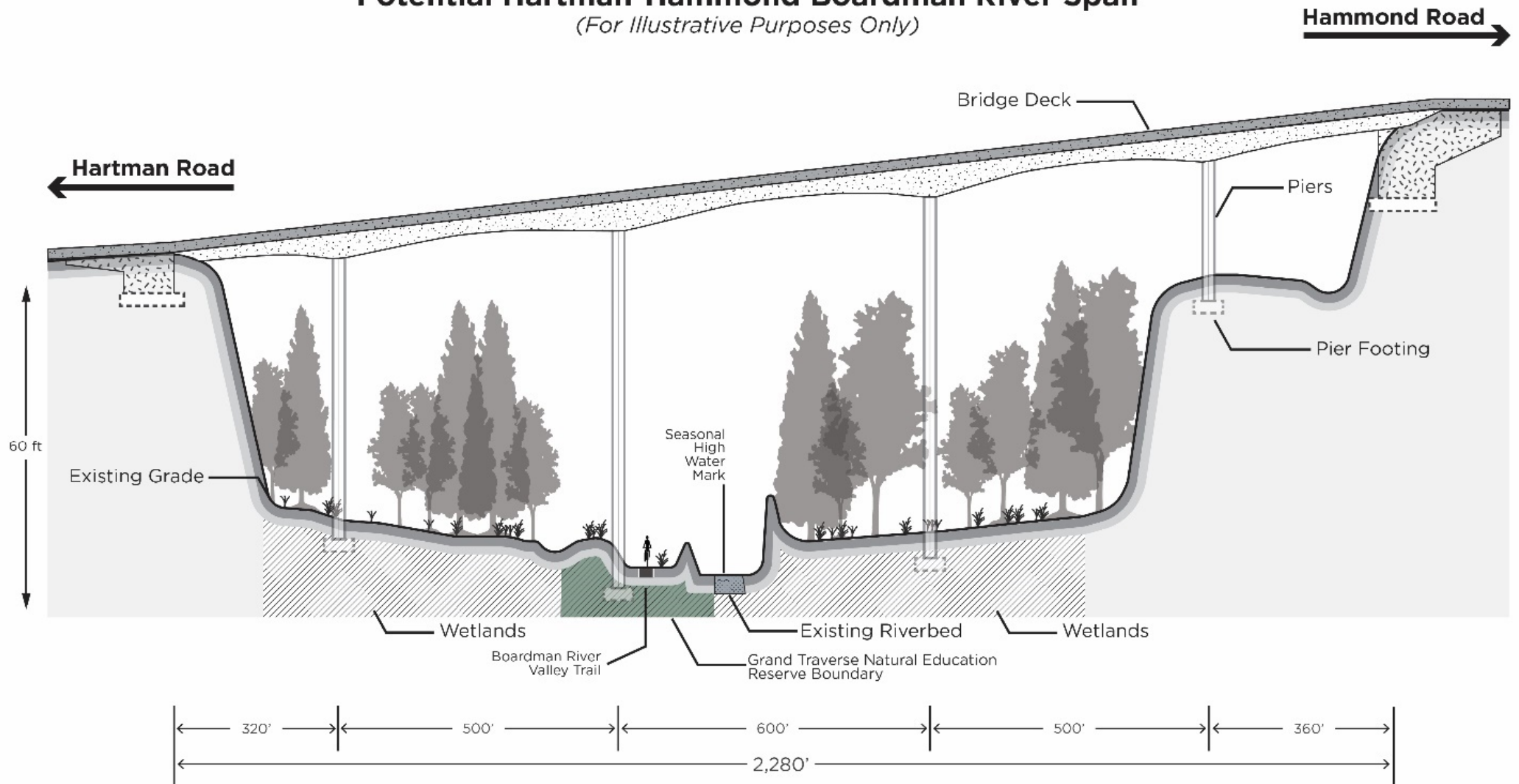
BOARDMAN RIVER CORRIDOR
EAST ROADWAY APPROACH

DATE	PROJ NUMBER	ENG	PROJ MGR	CADD	COUNTY	CITY/VILLAGE/TOWNSHIP	SCALE	HORIZ DATUM	VERT DATUM
2/27/2023	731-28-020	AM	BZ	JM	GRAND TRAVERSE	GARFIELD TWP	1"=5'	NADES	NAVD88

GRAND TRAVERSE COUNTY ROAD COMMISSION
BOARDMAN RIVER CORRIDOR FPEL
TYPICAL CROSS SECTION

Potential Hartman-Hammond Boardman River Span

(For Illustrative Purposes Only)



Considerations

Non-Motorized Connection to Boardman River Trail
Bridge Type and Design
Context Sensitive Solutions

Boardman River EA Funding

The opinion of probable cost to construct the proposed project ranges from \$280,000,000 to \$320,000,000. The cost estimate includes construction and design engineering, 30% contingency, and the independent design review for the bridge. The estimate does not include right-of-way cost.

The project team is developing a funding plan concurrently with the Environmental Assessment (EA) to assist the Grand Traverse County Road Commission (GTCRC) in identifying available sources of federal, state, and local revenue that could be used for the design, right-of-way acquisition, construction, and construction engineering of the proposed roadway and bridge project. These sources include federal grant programs, state grant programs, and county, city, and other local sources. GTCRC and the project team anticipate applying for the following grants:

- | | |
|--------------------------------|------------------|
| • Safe Streets for All Round 2 | April 2023 |
| • Safe Routes to School | Fall 2023 |
| • MEGA & INFRA | Spring 2023 |
| • Reconnecting Communities | Late Spring 2023 |
| • Bridge | Summer 2023 |
| • SMART | Fall 2023 |

To date, GTCRC has funded the Boardman River Crossing PEL and is currently funding the Early Preliminary Engineering Design and Environmental Assessment. The potential for creating new revenue opportunities will also be considered, including the question of how much GTCRC might be able to generate, and the political and economic environment which might support the establishment of new funding sources. The funding plan will include funding sources, a timeline for activities leading to project completion, including design, right-of-way acquisition, and construction phasing. The plan will also include construction cost estimates and a Benefit Cost Analysis (BCA).

The goal is to bring together as many resources as possible and tie them together into a series of actions that GTCRC can consider to design and construct the project. The funding plan will provide a clear picture of the funding sources and estimated costs associated with the project. It will also identify any potential risks associated with the availability of funding and timing of resources and propose strategies to address them. The plan will enable GTCRC to develop a comprehensive strategy to pursue and secure the resources needed to make the project a reality.

Currently, the Traverse Transportation Coordinating Initiative (TTCI) is the coordinating body within the census designated Traverse City urbanized area. TTCI is structured similarly to the other Metropolitan Planning Organizations (MPO) in the state consisting of two committees: Policy (or Board of Directors) and Technical. In the fall of 2023, it is anticipated that TTCI will be officially designated as an MPO. TTCI will then create a long-range plan that outlines the transportation needs and both short- and long-term projects for the region - the Boardman River Crossing Project included.