

# MassDOT Highway Division Environmental Review Checklist

**ACEC/MA Transportation Agencies Liaison Committee**

**June 28, 2023**



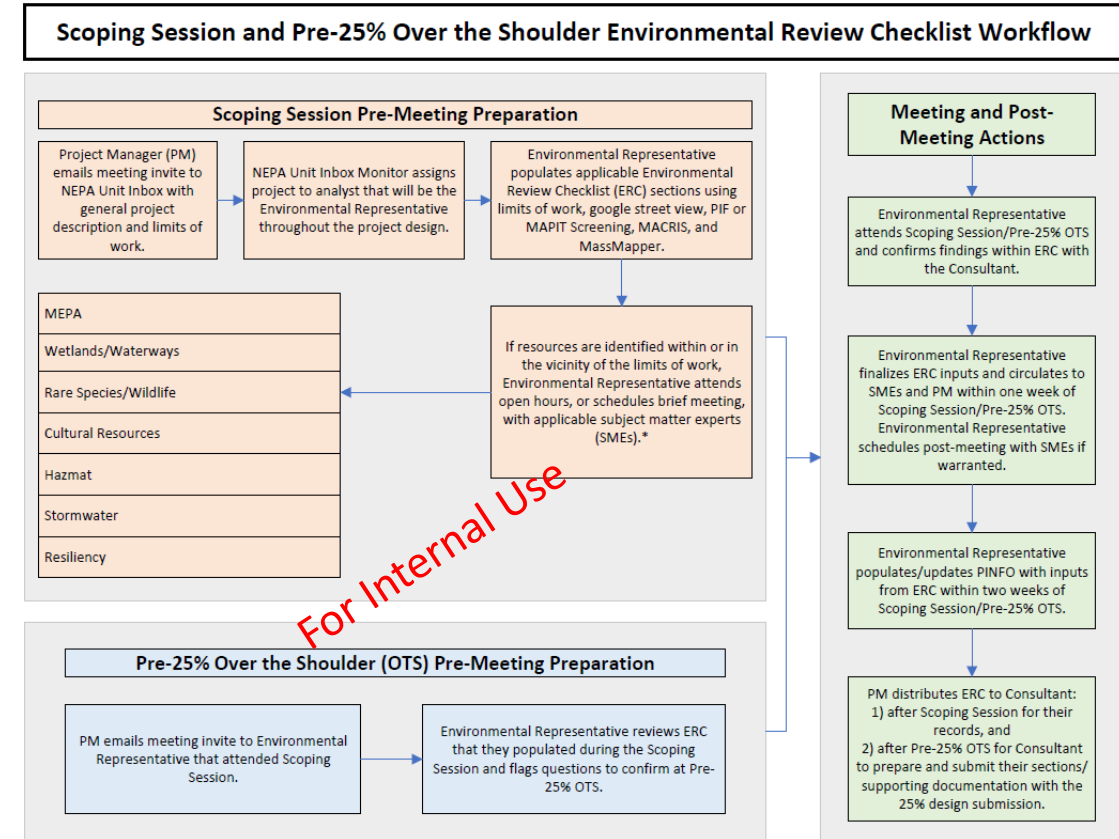


# Topics for Today

- Overview of process changes w/in MassDOT Highway Division Environmental
- Overview of Environmental Review Checklist
- Other upcoming products, guidance & resources

# Process Changes

- **BIL - Highway Division efficiency & streamlining workstreams**
- **New Environmental Process**
  - Comprehensive prj. rev. @ early prj. dev. stages
  - Early identification of applicable permits & regulatory considerations
  - Ensure accurate consultant SOWs
  - Revised unit responsibilities:
    - Design submissions: MEPA/NEPA & HazMat Units
    - Permitting & compliance units (e.g. Wetlands, Wildlife & End. Spp., Stormwater) focus on permitting
- Draft Wetland Permit apps. @ 75% - Design Submittal Checklist
- Designer Scope of Services



# Environmental Review Checklist (ERC)

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- Live May 2023: <https://www.mass.gov/doc/environmental-review-checklist-erc-effective-may-2023> (\*Check out our new website!)
- Replaces the 25% Early Environmental Coordination Checklist (EECC)
- Format Change: Dual responsibility for ERC preparation
  - **MassDOT Environmental** review @ Scoping & Pre-25%
    - Early identification of anticipated permits
    - Early identification of env. considerations & applicable per. stds.
    - Inform consultant SOWs (e.g. permits & analyses)
  - **Designer** finalizes ERC and includes with 25% submission
    - Confirmation of required permits based upon the 25% design
    - Respond to how addressing environmental considerations
    - Includes supporting documentation and figures

# Upcoming Products:

## Permitting Resources

- Goal: Reduce permitting process duration.
  - Reduce # of draft application reviews
  - Set expectations for permit application quality & completeness
- Permit Application Checklists
  - WPA Notice of Intent
  - 401/404 Authorizations
  - Chapter 91 Licenses
  - Designers will sign & date; provide rationale for any missing info.
- Chapter 91 Template Plans

I CERTIFY THAT THIS PLAN, AS PREPARED, CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.		IT IS THE RESPONSIBILITY OF THE PLAN PREPARER TO ENSURE THIS CERTIFICATION IS COMPLETED IN ACCORDANCE WITH THE REGISTRY STANDARDS (E.G., PE VS. PL, SIGNED/DATED AND ADDITIONAL SEAL, SIGNATURE, DATE, AND ADDITIONAL REQUIRED LANGUAGE, ETC.)	
LEAVE BLANK FOR REGISTRY USE ONLY		NAME OF PERSON CERTIFYING _____ DATE _____	

<b>DRAWING INDEX</b> SHEET TITLE 1 COVER SHEET 2 EXISTING CONDITIONS PLAN 3 XXXX 4 XXXX 5 XXXX		DO NOT USE USGS USE CLEAN MAP WITH ROADS AND WATER LINE	
<b>PLAN LEGEND</b> - - - - - HISTORIC MEAN HIGH WATER - - - - - MEAN HIGH WATER (MHW, EL. XXX NAVD83) - - - - - MEAN LOW WATER (MLW, EL. XXX NAVD83) - - - - - EXISTING CONTOURS - - - - - FEMA FLOODPLAIN ZONE AE BOUNDARY		LOCUS MAP SCALE: 1" = XX'	
<b>PRIOR CHAPTER 91 AUTHORIZATIONS</b> AUTHORIZATION XXXX ISSUING AGENCY XXXX DATE XXX X, 2022			
<b>NOTES:</b> 1. EXISTING CONDITIONS SHOWN ARE PROVIDED FROM PLAN TITLED "XXX" 2. ELEVATIONS REFER TO NAVD83 DATUM. 3. FEMA NOTE / MAP NUMBER. 4. SOURCE OF MHW, MLW, MLW 5. WATER ELEVATION BASED ON NOAA TIDE GAUGING STATION XXXX.			
<b>DRAFTING HELP:</b> 1. USE MINIMUM TEXT HEIGHT OF 1/10TH INCH, AREAL100. 2. EXISTING CONDITIONS SHOULD BE BLACK NO SCREENING. 3. DO NOT USE USGS MAP FOR LOCUS. TRACE CLEAN BASIC LOCUS OF ROADS AND WATER LINE TO SCALE. 4. DRAWING TITLE TEXT SHOULD BE ALL CAPS. 5. ELEVATION SHOULD BE BASED OFF NAVD83 BUT NGVD29 IS ALLOWED.		MASS. P.E. SEAL, SIGNATURE, DATE (SIGN THROUGH) (THE SEAL) P.L.S. MAY SEAL AND SIGN EXISTING CONDITIONS, ABUTTERS SHEETS	
COVER SHEET SHEET X OF X DATE: NOVEMBER 7, 2022 PLAN ACCOMPANYING PETITION OF [LICENSEE] TO [DREDGE, FILL, CONSTRUCT, ETC.] AND MAINTAIN [DOCK, BUILDING, SEAWALL, BRIDGE, ETC.] WITHIN [WATERS OF FILL AND/OR FLOWABLE TIDELANDS OF WATERBODY [WATERBODY]] AT [ADDRESS, MUNICIPALITY, COUNTY], MASSACHUSETTS		DELETE DEP FILE NUMBER WHEN PLOTTING MYLARS DEP FILE # XXXX LEAVE BLANK FOR DEP STAMP ONLY	

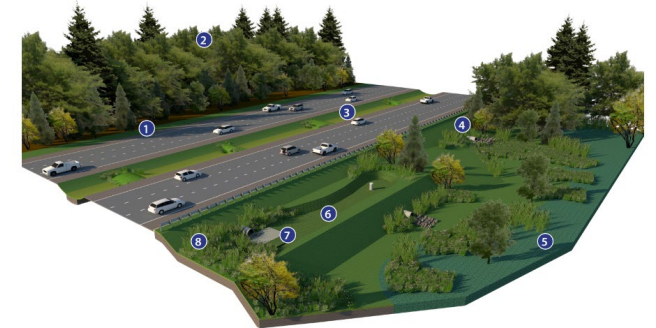
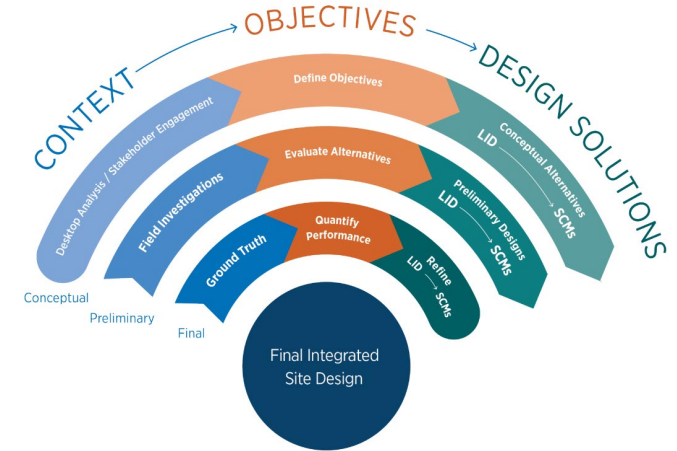
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NAME OF PERSON CERTIFYING _____ DATE _____		NAME OF PERSON CERTIFYING _____ DATE _____	

<b>FORMATION TO BE ADDED AS APPLICABLE</b> REMENTS, DIMENSIONS, CALCULATIONS FOR AREAS WITHIN C.91 JURISDICTION PROPOSED STRUCTURES AND FILL (INCLUDING FILL FOR SCOUR PROTECTION) EXISTING STRUCTURES/FILL EXISTING AND LOCATIONS OF PROPOSED STRUCTURES, FILL, PROPOSED ALTERATIONS (LIC ACCESS LOCATIONS (POINT ACCESS, HARBORWALK, ETC.)) (ITS NOT GENERALLY RELEVANT EXCEPT FOR DISCHARGE PIPES) IDENTIFY USES FOR ALL FLOORS (INC. UPPER FLOOR ACCESSORY) (E COMPLIANCE WITH OPEN SPACE REQUIREMENTS (CALCULATIONS)) TERMS (N)R/S OF PROJECT SITE AND ABUTTERS (SEE 310 CMR 9.02 FOR DEFINITION OF ABUTTER) (M)ATION FROM MUNICIPAL ASSESSOR OR REGISTRY IF MORE ACCURATE (P)ROPERTY INFORMATION WAS OBTAINED (A)TE SHEETS FOR ABUTTER NAMES AND ADDRESSES IF NEEDED FOR CLARITY (J)UDGING WHEN REMOVING FOOTINGS/ABUTMENTS, ETC.) (T)RIPRINT (PROVIDE MAX LENGTH, MAX WIDTH, AREA, MAX DEPTH) (D)REDGE VOLUME, BELOW MHW/MLW (A) CONTOURS, SLOPES (T)ERIAL DISPOSAL LOCATION IF ON-SITE OR OFF-SITE WITHIN C.91 JURISDICTION (L)OATS (D)IRECTION TO (T)E ADJACENT DOCK, PIER, WHARF, ETC. (S)ITE SHORELINE (I)STAKES (ROUTE FOR LATERAL PASSAGE - OR - 5 FOOT CLEARANCE UNDER STRUCTURE) (I)LLD TIDELANDS (U)LIME OF NEW FILL AND STRUCTURES (E)CALCULATIONS FOR WATER DEPENDENT USE ZONE (INVD PROJECTS) (R)ULES, STRUCTURES OVER JURISDICTIONAL WATERS (D) WIDTH (EXISTING AND PROPOSED) AS MEASURED WITHIN C.91 JURISDICTION (E)XISTING AND PROPOSED CLEARANCE AT MHW/MLW LOCATION ON PLAN-MINIMUM SHEET VIEW SHEETS AS NEEDED "SEE SHEET XX FOR SECTION" (F)OR ALL STRUCTURES (E)XISTING/PROPOSED STRUCTURES FROM MHW OR ORDINARY HIGH WATER (B)MERGED BOTTOM AND STATE ELEVATIONS (A)ND VERTICAL GRAPHICAL SCALE, STATE SCALE(S) IN WORDS (S) HEIGHT (PER LOCAL ZONING) (W) / PROPOSED USES (BY FLOOR IF VARIABLE) (T)ED PORT AREAS (DPA) / MUNICIPAL HARBOR PLANS (MHP) (M)PP PLANNING AREA BOUNDARIES ON THE PROJECT SITE		SCALE: 1" = XX' ADD BAR SCALE HERE LEAVE BLANK FOR DEP STAMP ONLY	
SHEET TITLE SHEET X OF X DATE: NOVEMBER 7, 2022		SHEET TITLE SHEET X OF X DATE: NOVEMBER 7, 2022	

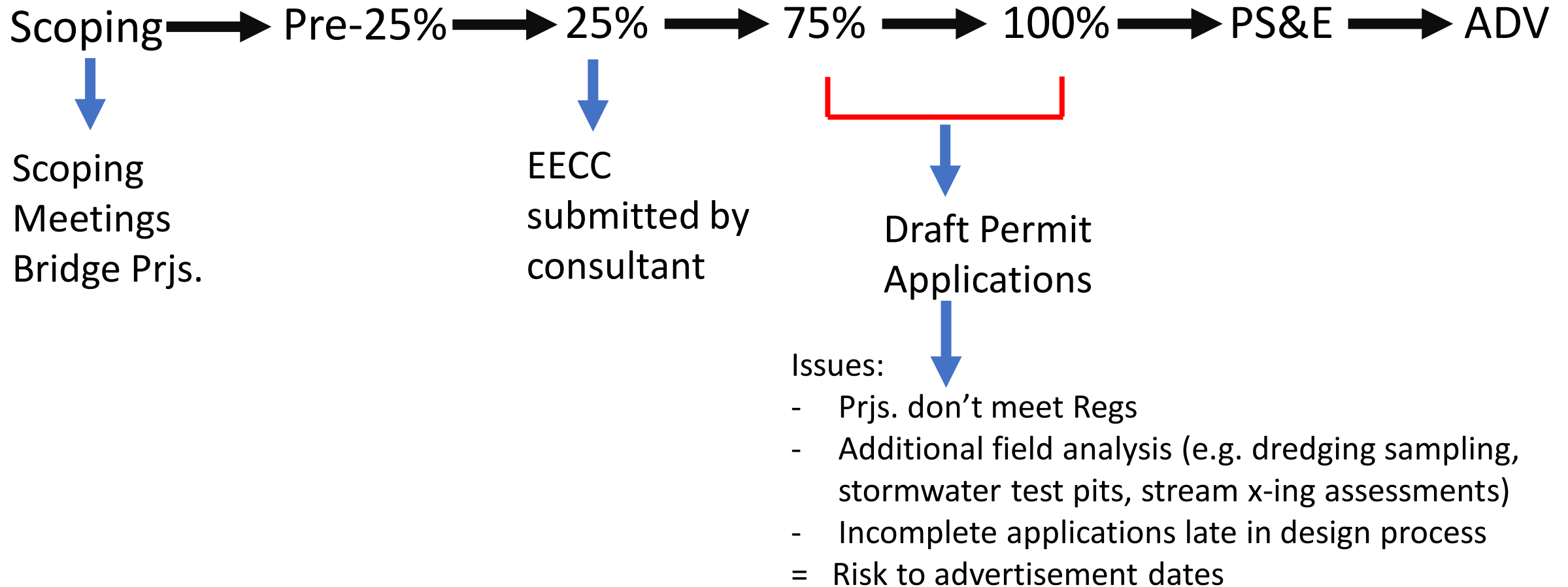
# Upcoming Products: Design Guides

- Stormwater Design Guide
  - Late July/early August release
  - September trainings
- Stream Crossing Design Guide



# *Where we've come...*

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# *Where we are now...*

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Scoping → Pre-25% → 25% → 75% → 100% → PS&E → ADV

DOT ERC Review:  
Permits, analysis  
& considerations  
for DE SOW

10% Design:  
DOT Confirm  
ERC findings

DE ERC: Confirm  
permits, req'd.  
analysis  
performed

Draft Permit  
Applications

- Quality & completeness checklists
  - Template Chapter 91 plans
- = Better permit apps & file w/agencies sooner





# Thank You

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*\*Samantha will be out of office starting July and will return late November.*