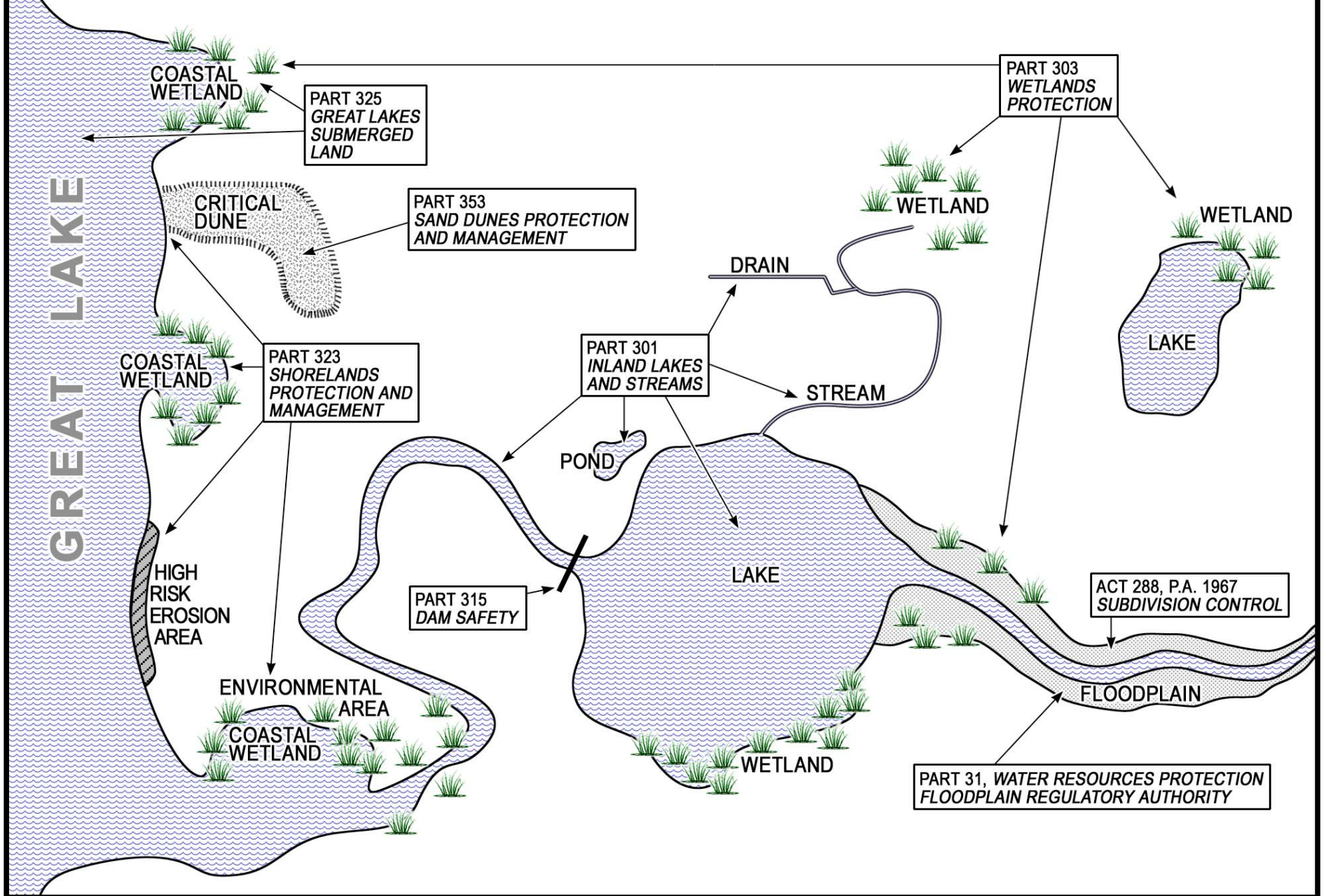


MICHIGAN LAWS ADMINISTERED BY DEQ LWMD

NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION ACT ACT 451 OF THE PUBLIC ACTS OF 1994 & RELATED STATUTES



Goals:

Establish GP/MP Categories to:

- 1) Clarify Conditions and Criteria in the Statute– less ambiguity
- 2) Mirror more closely US Army Corps Nationwide Permits Categories
- 3) Combine existing Minor Project (301/325) and General Permits (303) into more concise categories
- 4) Reduce the number/type of projects that need to be Public Noticed



GP/MP

A NEW 3- tiered permitting system:

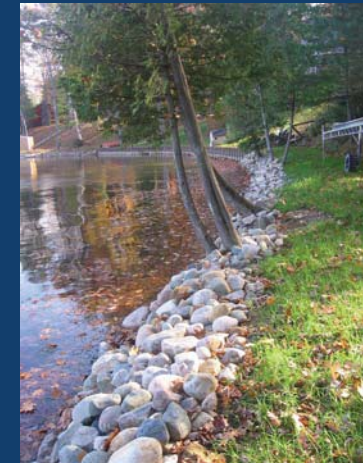
- 1) General Permits: Minimal impacts, typically no site inspection (i.e., desktop review), no compensatory mitigation.
- 2) Minor Projects: Minimal impacts, typically site inspection, may require compensatory mitigation.
- 3) Public Noticed (Individual Permit) Projects: Large, more impact projects, typically compensatory mitigation.

GP/MP are Available at
www.mi.gov/wetlands



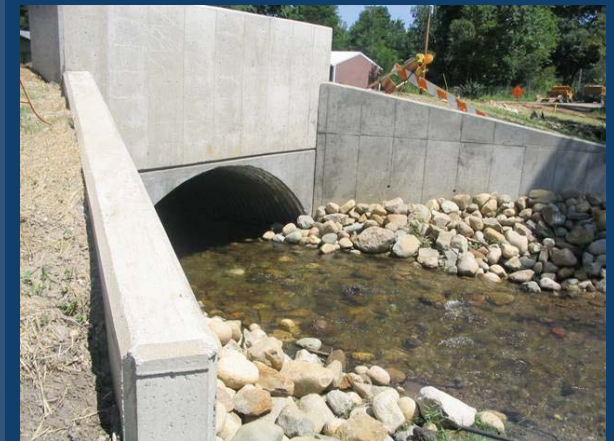
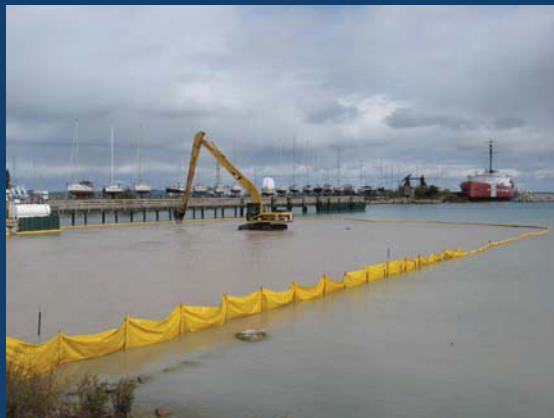
The Result

- 18 General Permit Categories
- 47 Minor Project Categories



Major Changes

- Reduction in New and Maintenance Dredging
- Expansion on Wetland Fill Categories
- Expansion of Wetland Restoration Categories
- No NEW Vertical
- Seawalls
- No Groin Structures
- No Mechanical Plant Removal
- No Utility Crossings*



What's the big deal?

Bankfull Channel

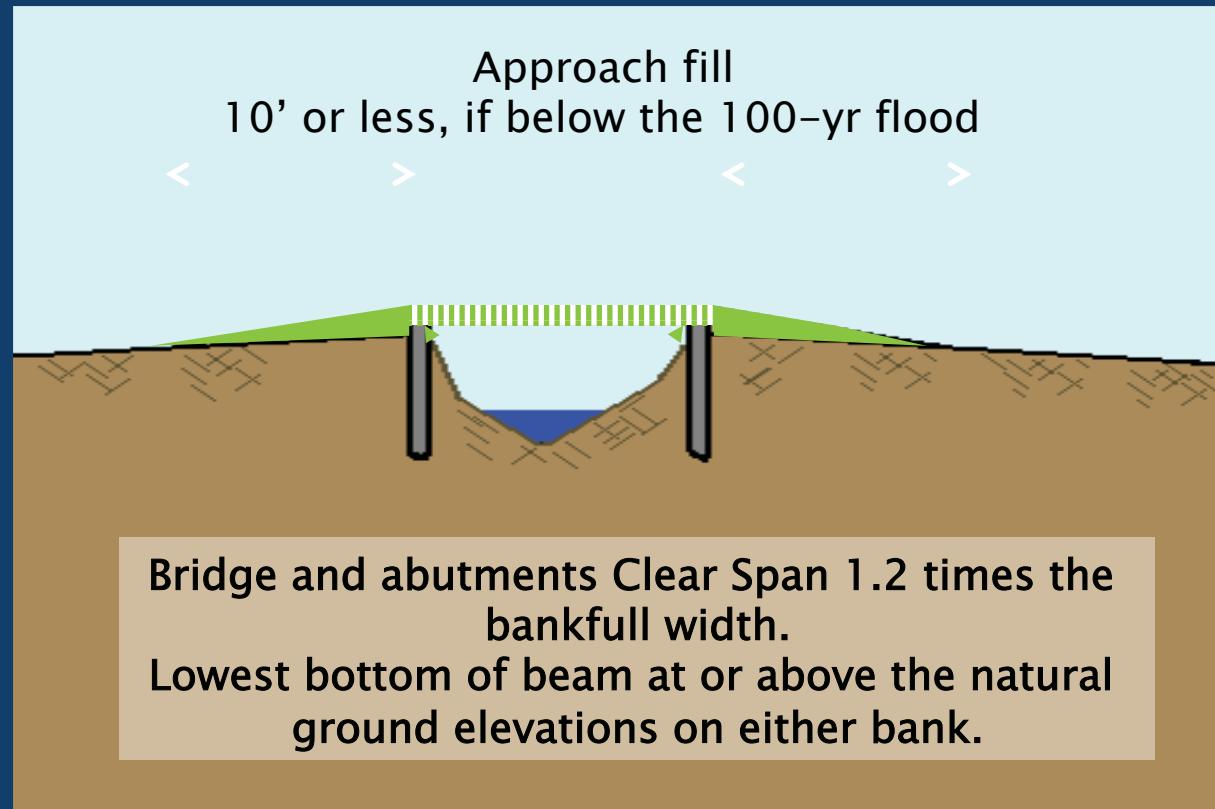
Ordinary High Water Mark Width

Baseflow Channel



Part 301-Stream Crossing General Permit

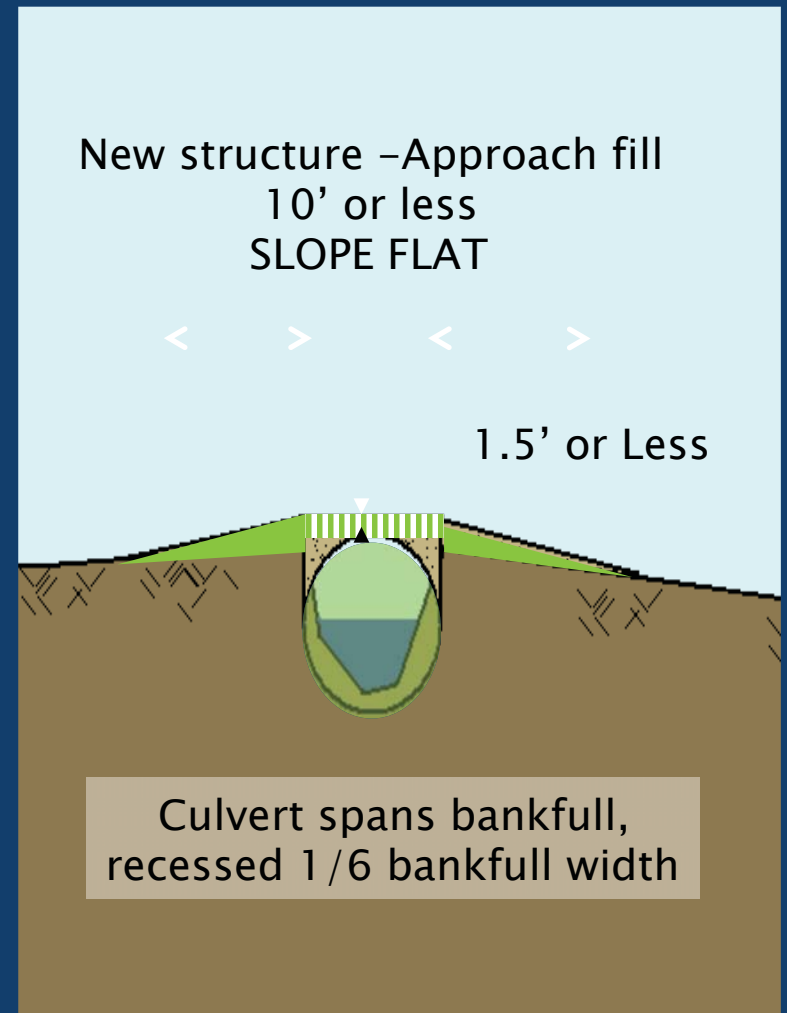
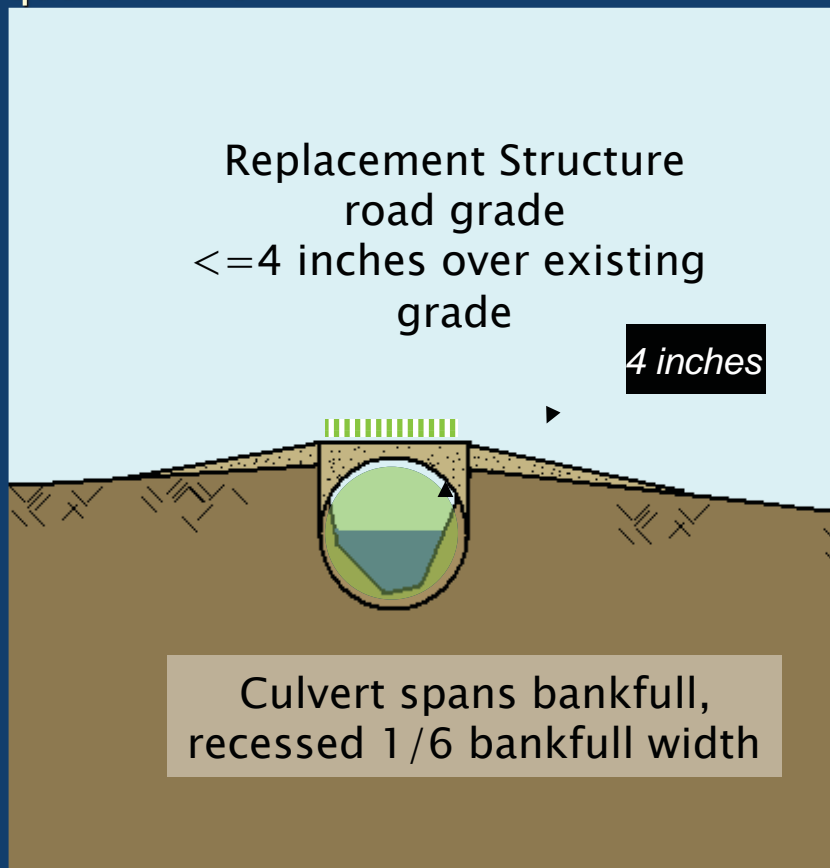
Clear Span Bridges



General Permit

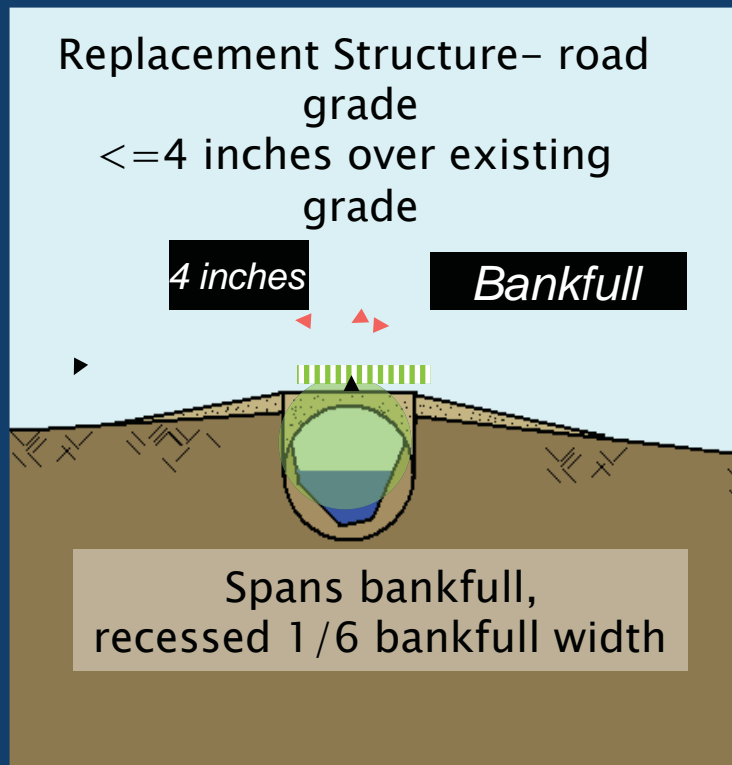
- *Span ≤ 6 feet, ≤ 30 feet long*
- Must span bankfull width
- Must be bottomless or buried 1/6 bankfull width up to 1 foot
- Placed on a *flat or DEQ approved slope*
- meet hydraulic requirements if $d_a \geq 2$ square miles

Small Culverts

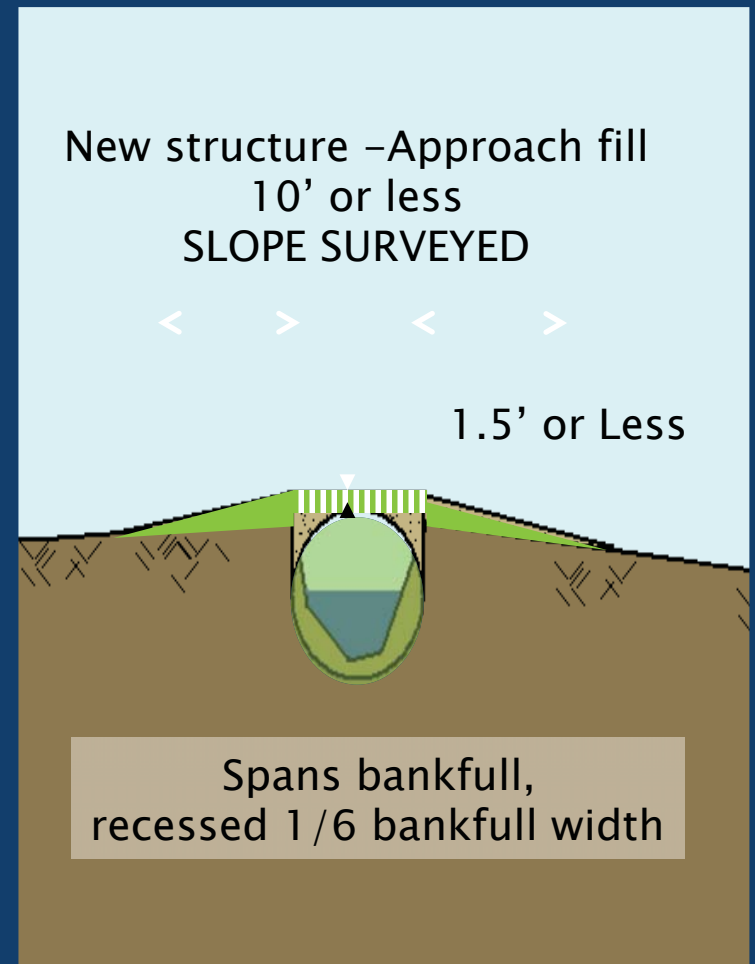


Minor Permit

- Larger/longer than “small culverts”
- Must span bankfull width
- Must be bottomless or buried 1/6 bankfull width up to 2 feet
- Placed on appropriate slope-”surveyed”
- meet hydraulic requirements if $d_a \geq 2$ square miles



Large Culvert/ Bridges



Before looking downstream



outlet



After looking downstream



QUESTIONS?

