

INTEGRATED INFRASTRUCTURE ASSET MANAGEMENT

PRESENTATION TO SWMPI COMMITTEE

DECEMBER 6, 2018

INTEGRATED ASSET MANAGEMENT

- SUBSET OF THE 2019 RPI DTMB APPLICATION
- DTMB GUIDANCE INVITED APPLICANTS TO OPT-IN OR OPT-OUT
- FOR THOSE OPT-IN REGIONS, A SEPARATE SECTION OF THAT APP REQUIRED OUR JUSTIFICATION

INTEGRATED ASSET MANAGEMENT – WHAT IS IT?

- OPTIMIZATION - RIGHT FIX @ RIGHT TIME
- KNOW YOUR INFRASTRUCTURE
 - MAINTENANCE TO MAXIMIZE CONDITION
 - MINIMIZE OVERALL COST
 - PREVENT CATASTROPHIC FAILURE
- AN EFFORT TO BROADEN THE SUCCESS OF TRANSPORTATION A.M.

INTEGRATED ASSET MANAGEMENT – WHICH INFRASTRUCTURE?

- DRINKING WATER
- WASTEWATER
- STORMWATER

INTEGRATED ASSET MANAGEMENT – HISTORY

- TRANSPORTATION ASSET MANAGEMENT SINCE 2003
- INTEGRATED INFRASTRUCTURE A.M. PILOT 2017-2018
- STATE LEGISLATION CREATES MULTIPLE ASSET MANAGEMENT COUNCILS (INFRASTRUCTURE, TRANSPORTATION, WATER) 2018
- RPI A.M. FUNDING COMPONENT 2019

INTEGRATED ASSET MANAGEMENT – COORDINATION

STATE AGENCIES:

- MICHIGAN INFRASTRUCTURE COUNCIL (MIC)
- TRANSPORTATION ASSET MANAGEMENT COUNCIL (TAMC)
- WATER ASSET MANAGEMENT COUNCIL (WAMC)

INTEGRATED ASSET MANAGEMENT – WORK PLAN

PHASE I – INVENTORY OF PUBLIC INFRASTRUCTURE ASSET OWNERS

- COORDINATE W/MDEQ
- FOLLOW CRITERIA FROM STATE LAW

PHASE II – COMMUNICATION, EDUCATION OF INFRASTRUCTURE A.M. WITH PUBLIC ASSET OWNERS

- COORDINATE W/MIC, TAMC, WAMC TO OPTIMIZE MESSAGING & DATA FORMATTING
- PROVIDE TRAINING TO REGION ON THE A.M. EFFORT

INTEGRATED ASSET MANAGEMENT – WORK PLAN

PHASE III – DATA COLLECTION, INTEGRATION OF REGION-WIDE DATA

- COORDINATION W/PUBLIC UTILITIES ON DATA COLLECTION
- COLLABORATE W/GIS SPECIALISTS ON DATA FORMATTING

PHASE IV – SHARE GOALS, OBJECTIVES, PROJECT SUCCESSES WITH STATE PARTNERS

- ASSIST WITH STATE EFFORTS TO CONTINUE A.M.