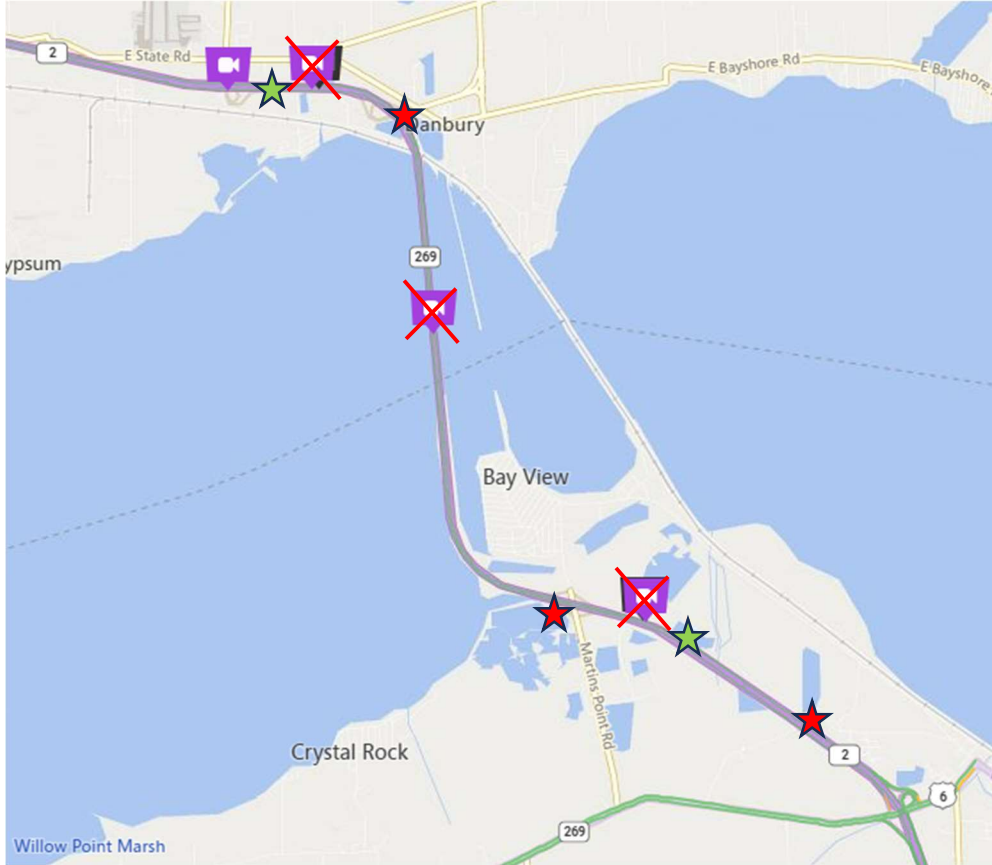


DISTRICT 2/3: OTT/ERI-2
INSTALLATION OF UPDATED FREEWAY ITS CAMERAS AND DYNAMIC MESSAGE SIGNS
JANUARY 2025

PROJECT LOCATION



2024 TOAST RANKINGS

OTT-2: 26.990-28.700

ERI-2: 0.000-1.818

SCORE	OTT – 65.0% (F) & 59.3% (R) RUR FWY ERI – 91.3% (F) & 80.3% (R) (URB FWY
DISTRICT RANKINGS	OTT - #5 (F) & #3 (R) RUR FWY ERI - #69 (F) & #30 (R) URB FWY
STATE RANKINGS	OTT - #1432 (F) & #514 (R) RUR FWY ERI - #10183 (F) & #6141 (R) URB FWY

2023 TOAST RANKINGS

OTT-2: 26.990-28.700

ERI-2: 0.000-1.818

SCORE	OTT – 86.3% (F) & 88.5% (R) RUR FWY ERI – 90.0% (F) & 83.5% (R) (URB FWY
DISTRICT RANKINGS	OTT - #53 (F) & #59 (R) RURAL FWY ERI - #132 (F) & #99 (R) URB FWY
STATE RANKINGS	OTT - #439 (F) & #483 (R) RUR FWY ERI - #1787 (F) & #1529 (R) URB FWY

LEGEND

	PROPOSED CAMERA LOCATION
	PROPOSED DMS LOCATION

PROJECT PROPOSAL

BACKGROUND:

THE BAY BRIDGE ON SR-2 IS A CONNECTION BETWEEN OTTAWA AND ERIE COUNTIES. THE AREA IS A HIGHLY VISITED SUMMER DESTINATION AND SEES HEAVY TRAFFIC DURING THE PEAK SEASON, ESPECIALLY ON THE WEEKENDS. THIS ROUTE IS ALSO USED AS A CONNECTION TO CEDAR POINT TO THE EAST. FOR THESE REASONS ALONG WITH LIMITED ALTERNATE ROUTES, THE BRIDGE HAS BEEN DESIGNATED AS CRITICAL TRANSPORTATION INFRASTRUCTURE.

ISSUE/NEED:

A MAJORITY OF THE EXISTING ITS INFRASTRUCTURE HAS BEEN IN PLACE FOR DECADES. ALL BUT ONE OF THE CAMERA INSTALLATIONS AND BOTH DYNAMIC MESSAGE SIGNS (DMS) HAVE REACHED THEIR END OF LIFE. TWO CAMERAS ON THE CAUSEWAY HAVE ALREADY BEEN DECOMMISSIONED. IN ADDITION, THERE IS A HIGHWAY LIGHTING UPGRADE PROJECT THAT WILL REPLACE THE LIGHT POLES ACROSS THE BRIDGE AND CAUSEWAY. THE PROJECT WILL REMOVE THE LAST REMAINING CAMERA ON THE BRIDGE.

TO KEEP AN ITS SYSTEM IN PLACE ON THIS CRITICAL INFRASTRUCTURE, IT HAS BEEN DETERMINED THE INSTALLATION OF NEW DEVICES THAT MEET CURRENT STANDARDS IS NECESSARY. THIS WOULD INCLUDE THE INSTALLATION OF THREE (3) NEW CAMERAS ON THE STANDARD ~ 70' PRESTRESSED CONCRETE CAMERA POLES. THE EXISTING DMS LOCATIONS CURRENTLY HAVE NEARBY CAMERAS ON WOOD POLES THAT WOULD BE ELIMINATED BY THE PROPOSED CAMERA INSTALLATIONS.

TWO (2) NEW DMS INSTALLATIONS IN IMPROVED LOCATIONS ARE ALSO PROPOSED TO REPLACE THE EXISTING DMS INSTALLATIONS. THE NEW DMS INSTALLATIONS WILL NEED TO BE PLACED ON TWO (2) NEW STRUCTURES.

FUNDING REQUEST:

REQUESTING \$900,000 IN FY27 TSMO FUNDING FOR THE CONSTRUCTION OF THESE 3 NEW ITS FREEWAY CAMERAS AND 2 NEW DYNAMIC MESSAGE SIGNS.