

# MEA MEMBER SERVICES QUARTERLY UPDATE

MUNICIPAL  
ENGINEERS  
ASSOCIATION



## NEWS

### MEA President Welcome Message

Newly elected MEA President, Chris Traini, P. Eng, has issued his President's Message on Nov 24 2022.

*"The continuous activity of our membership is the most important asset of the MEA and is demonstrated province wide."*



To read the full message,

[CLICK HERE](#)

### Also in the October Issue:

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## MEA Board Of Directors 2022-2023 Term

At its Annual General Meeting (AGM) on Thursday November 17, 2022 at the Chelsea Hotel in downtown Toronto, MEA members elected a new Board of Directors for the 2022-2023 Term.

[CLICK HERE!](#) to view the details of the new Board.

## 2022 MEA Award And the Winners Are.....

The MEA held its annual President's Banquet & Awards Gala on November 17 at the Chelsea Hotel in downtown Toronto. Over 240 guest enjoyed a memorable evening of fun, food and festivities.

At the gala, several awards were presented to deserving MEA members. For details about this year's award winners, [CLICK HERE.](#)

Congratulations to all the award winners!



[CLICK HERE](#)

to view the photo album of the 2022 MEA Conference





## Excess Soils Regulation Amendments (Dec 29 2022)

The MEA recently received an email from the Ministry of the Environment, Conservation & Parks (MECP) regarding its decision on Excess Soils Regulation Amendments.

[CLICK HERE!](#) to read more



## Excess Soils Regulation Your Input is Needed

The MEA Excess Soils Monitoring Committee would like to understand more about how Municipalities are incorporating the On-Site and Excess Soil Regulation to their municipal operations and projects.

The survey will help the Committee achieve the following objectives:

- Assess the status quo with respect to the implementation of the On-Site and Excess Soil Regulation
- Assess MEA membership needs when it comes to information and resources on the Regulation

PLEASE TAKE THIS SURVEY TO HELP THE COMMITTEE ACHIVE THEIR  
GOALS

[CLICK HERE!](#)



## PEO – Continuing Professional Development Mandatory Requirement in Jan 2023



Under the new version of the program, practicing license holders will be marked as “*permitted to practice*” and must complete the full program every year. Their program-related requirements will be to:

- Complete an annual practicing declaration and PEO’s annual practice evaluation questionnaire,
- Complete PEO’s annual professional practice module, and
- Report to PEO the continuing professional development (CPD) completed during the year.

The MEA offers training courses, free webinars and a conference annually that all would meet CPD requirements. [CLICK HERE](#) to view upcoming and recorded webinars, [CLICK HERE](#) to view training events.

## Ontario OneCall Regulation Changes and Best Practices for Underground Locates

Recently, a representative from the Ontario One Call Board of Directors made a presentation to the MEA Board regarding Regulation Changes and Best Practices for Underground Locates. The presentation provides useful information regarding municipalities' responsibilities.

The presentation can be viewed by [CLICKING HERE](#)





## Ontario RAP Report Report and Best Practice Guide

The 2022 Ontario Reclaimed Asphalt Pavements (RAP) Report has been released on November of 2022. The MEA was involved in co-authoring the report.

Two important findings to take away:

1. By incorporating best practices of stockpiling and processing RAP, contractors/producers could cut energy and production costs, and reduce effort and costs of equipment maintenance, while improving the quality of their mixes and the versatility of their RAP inventory to meet different mix design criteria.

2. Annual values and trends of HMA paving tonnage in Ontario paired with information on RAP inventory per geographical locations provide solid ground for your research, strategy, or decision making efforts relating to market trends and environment in the Ontario road building industry.

[CLICK HERE](#) to read the full report

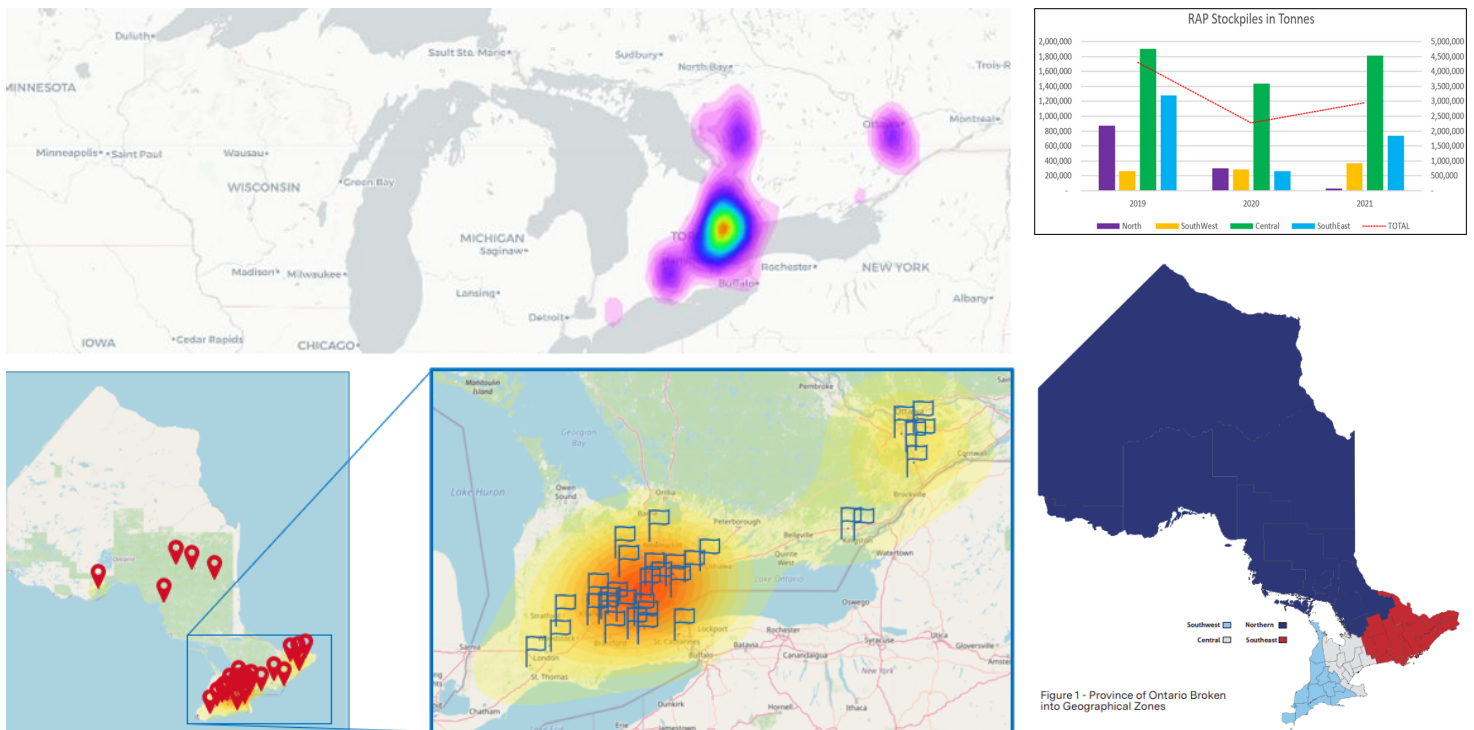


Figure 1 - Province of Ontario Broken into Geographical Zones

## Environmental Products Declaration (EPD) For Ready Mixed Concrete

As the industry continues to evolve and try to address carbon reductions, more and more tools are becoming available to quantify the impact individual mix designs are having on structures. The primary tool that is currently available is the CRMCA Member Industry-Wide EPD for Canadian Ready-Mixed Concrete report which is valid for 5 years and will be expiring in January 2022.

Products covered by this EPD satisfy general purpose concrete as used in residential, commercial and public works applications in Canada. The modeled concrete mixes included benchmarks for each strength class.

To access the report and learn how to use it, [CLICK HERE!](#)

## Ontario Traffic Manual Book 7 MTO Releases Update to OTM Book 7

The Ministry of Transportation of Ontario (MTO) has released an update to the Ontario Traffic Manual (OTM) Book 7 Temporary Conditions.

For more information about the updated OTM Manual and how to obtain a copy, [CLICK HERE.](#)

[CLICK HERE](#) for more details on the MTO provided transition period (to December 22, 2022) in order to allow service providers some time to train/educate staff on the updated Book 7 requirements.





## Costing of Climate Change Reports

### Transportation Infrastructure

FAO released its Costing Climate Change Impacts to Public Transportation Infrastructure report, the latest in a series of reports analyzing Climate Impacts on Public Infrastructure (CIPI). The roads, bridges, large structural culverts and rail tracks owned by Ontario's municipal and provincial governments are valued at \$330 billion (all costs are in 2020 real dollars). Ontario's 444 municipalities own 82% of this portfolio while the remaining 18 per cent is owned by the province.

To read more, [CLICK HERE!](#)

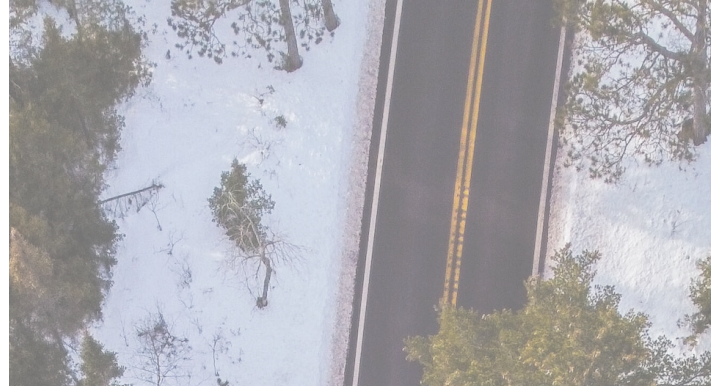
## Costing of Climate Change Reports

### Linear Storm & Wastewater

This report examines the impacts of more extreme rainfall on the long-term costs of maintaining public linear storm and wastewater infrastructure in a state of good repair.

In the short term, climate-related impacts from more extreme rainfall are projected to increase infrastructure costs by \$0.7 billion annually across the medium and high emissions scenarios, which would accumulate to \$6.2 billion by 2030 in the absence of adaptation.

To read more, [CLICK HERE!](#)



**"MORE EXTREME RAINFALL TO ADD \$6.2 BILLION TO ONTARIO'S LINEAR STORM AND WASTEWATER INFRASTRUCTURE COSTS BY 2030, AND SIGNIFICANTLY MORE BY 2100"**

# THANK YOU!

## **Diamond Sponsor** **2022 MEA Conference & AGM**



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# CONCRETE ONTARIO



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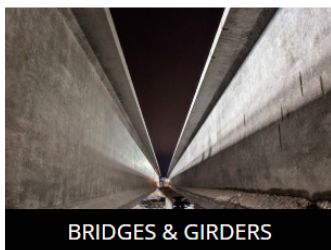
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## Municipal Professional Engineers Advocacy Committee

### Your Input is Needed!

The MEA MPEA committee is requesting your help to achieve its objectives of advocating for the requirement for local governments to hire a professional engineer to perform duties through Municipal Act and to influence local governments to understand the importance of using Professional Engineers in decision making.

Please take few minutes to respond to this survey, [CLICK HERE!](#)



## Active Transportation Implementation Manual

### MEA AT Committee

The MEA Active Transportation Committee was initiated in 2021. The MEA and the Active Transportation Committee are pleased to announce the release of the Active Transportation Implementation Manual: Getting Started with Active Transportation.

The intent of this manual is to provide initial guidance on challenges that come up when implementing active transportation infrastructure and possible mitigation strategies. Although a list of current design guidelines along with appropriate descriptions is included with this manual, it is not the main focus.

To view this manual, [CLICK HERE!](#)





## MEA Volunteer Recognition Program Implemented Starting 2023

MEA committee volunteers provide an invaluable service to the MEA and shall be formally recognized for their efforts and dedication under the MEA Committee Volunteer Recognition Program as noted herein

The MEA's Volunteer Recognition Program takes effect as of January 1, 2023. This policy sets the guidelines/levels for recognizing MEA Committee volunteers and the administrative responsibilities. Details on the program can be viewed by [CLICKING HERE](#)

## MEA Committees | Volunteers Needed

The MEA is seeking volunteers for the following committees:

- OPS Structures Committee
- MEA Excess Soils Working Group
- MEA Training Committee

To submit an application to join one of our committees,  
[CLICK HERE!](#)



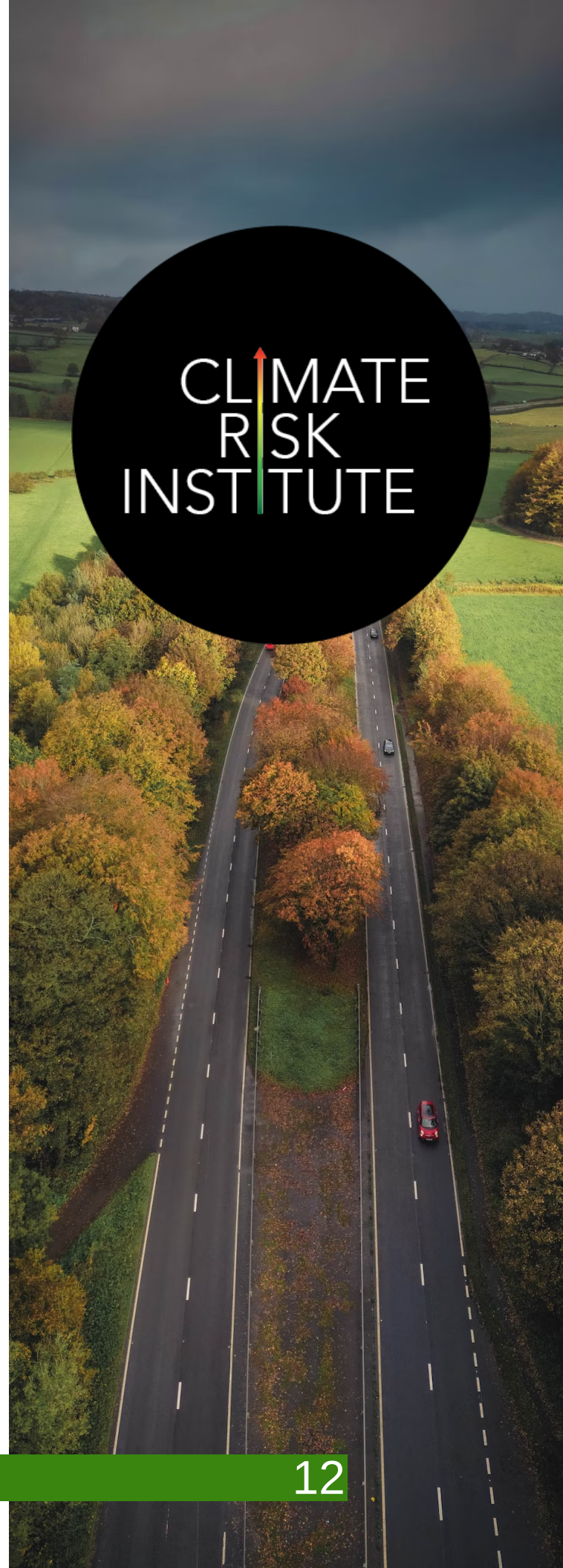
## Climate Risk Institute professional development training programs

Climate Risk Institute has professional development training in climate change risk, resilience and adaptation for infrastructure practitioners and professionals. Infrastructure professionals and Engineers can choose from a selection of courses, or pursue the Infrastructure Resilience Professional (IRP) credential by taking a series of six courses. Climate Risk Institute Courses are available now via partnership with Royal Roads Professional and Continuing Studies.

The following are the upcoming courses offered by CRI for 2023:

- Climate Change and Infrastructure Risk Assessment – the PIEVC Protocol
- Climate Law for Infrastructure Practitioners
- Climate Smart Policy and Procurement

[CLICK HERE!](#) to read more





# MEA TRAINING & EVENTS

## OPS "101" Online Course SPRING & FALL 2023 (TBD)



The MEA is offering the OPS-101 training course on Ontario Provincial Standards. The course is designed to help your staff apply OPS to:

- Improve contract preparation and management
- Build efficient and industry standard specifications
- Mitigate financial and legal risks for your Organization

[CLICK HERE](#) for more info

## Introduction to MCEA Workshop Webinar SPRING & FALL 2023 (TBD)

The MEA will be offering the MCEA Workshop in the Spring and Fall of 2023. The workshop will be held virtually through ZOOM platform.

Registered attendees will receive a complimentary one year subscription to the online MCEA Manual.

[CLICK HERE!](#) For more info

## Municipal Infrastructure Training

The MUNICIPAL INFRASTRUCTURE TRAINING program is a series of courses on the design, construction, maintenance, and inspection of a wide range of infrastructure assets.

MIT program formally recognizes the amalgamated training efforts of individuals in a number of categories which are highly valued by municipal infrastructure professionals. Certifications are offered for the following specializations:

- Construction Materials
- Inspection
- Road Design
- Buried Infrastructure
- Generalist

For more information  
[CLICK HERE!](#)

**Municipal  
Infrastructure Training**  
PROGRAM



# MEA TRAINING & EVENTS



**The MEA's 2022 Conference hosted by the City of Toronto from Nov. 15 – 18 at the Cheslea Hotel was a huge success! Between 250 to 300+ delegates attended each day. The MEA thanks the City of Toronto Organizing Committee for a job well done!**





# OTHER TRAINING & EVENTS

## ORBA Partners In Quality

April, 2023 (TBD)



Ontario Road Builders Association is holding their annual Partners In Quality road tour. ORBA offers free registration to Municipal staff for attending the seminars.

MEA's Amin Mneina will be presenting about the 2023 Municipal Paving Forecast at this event.

For more information about the event or to register, [CLICK HERE!](#)

## Good Roads Conference

April 16 – 19, 2022



The MEA will be hosting a trade show booth at the 2023 Good Roads Conference from April 10th to April 12th at the Royal York in Downtown Toronto. If you are attending the conference, please drop by to say hello and see what we have planned for 2023.

For more information or to register, [CLICK HERE!](#)

## ACE 23 - Cohosted by OWWA

June 11 – 14, 2023



**ACE**23



The MEA will be hosting a trade show booth at the 2023 OWWA Conference from June 11th to June 14th at Enercare Center, Toronto. If you are attending the conference, please drop by to say hello and see what we have planned for 2023.

For more information of to register, [CLICK HERE!](#)

# Municipal Class EA

## MCEA Amendment Update

The MEA continues to work with MECP to finalize the MCEA amendment. The MEA was hopeful that the amendment would have been approved by this time ; however, the amendment wording the MECP provided to MEA was not satisfactory. The MEA continues to work with MECP staff and is communicating regularly with the Minister's Office.

Once the amendment is finalized and approved by the Minister, the MEA's MCEA manual will republished and released. The MEA also has a series of webinars ready to provide training and information in regards to all the changes related to the amendment. More information on these webinars will be provided as soon as the amendment is finalized.

## MCEA Process

### MCEA Planning & Design Process Flow Chart

To access a high resolution version of the updated MCEA process flowchart, [CLICK HERE!](#)

This chart will be useful to members as a PIC display panel regarding the MCEA process

# OPS.MUNI Specifications Update

## OPS.PROV.127

MTO has republished the OPS.127 Rates rates as of April 29 2022. The rates contained in OPSS 127 now include an updated calculation formula. Moving forward, OPSS 127 will again be updated annually.

## OPS.MUNI.353 (353.05.01)

Concrete shall be according to OPSS 1350, with a minimum specified 28-Day compressive strength of 32 MPa, Class C-2 Exposure

## **Submission Requirements (351.04.02) & (353.04.02)**

Prior to starting the work, documentation shall be submitted verifying that the contractor's representative of the placing crew shall be on the site and shall have the ACI Flatwork Certification or approved equivalent



## **Municipal Flatworks Certification Course**

Given the significant amount of municipal concrete flatwork that is placed every year, this new certification program concentrates specifically on identifying the proper construction practices associated with Ontario municipal concrete sidewalks, curbs, gutters and pavements. The course is fully recognized in OPSS.MUNI 350, 351 and 353 as of November 2021.

To learn more or to register: [CLICK HERE!](#)



# OPS.MUNI Specifications Update

## OPSD - 1000 Series (Draft)

The OPS Drainage Committee is currently in process of creating new standard drawings for maintenance hole watertight system.

[CLICK HERE](#) to view draft OPS drawings.

If you have feedback regarding the draft OPS drawings for maintenance hole watertight system, please send comments to:

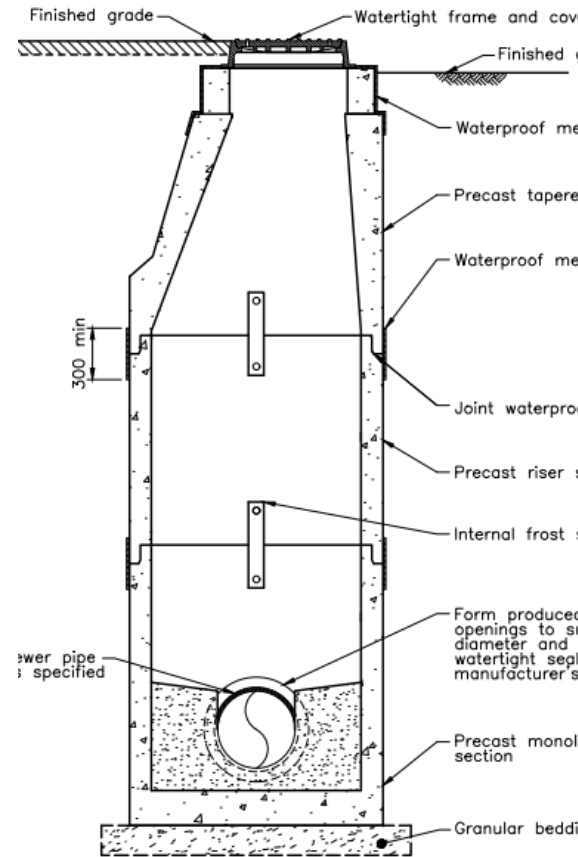
Eva Pulnicki - Chair of OPS Drainage Committee,  
[eva.pulnicki@york.ca](mailto:eva.pulnicki@york.ca)

## OPS.MUNI.909

Precast Prestressed Concrete Girders

The Structures Committee is conducting a full technical review of OPSS.MUNI 909, and would like to request the help of MEA members.

[CLICK HERE!](#) for more info





**IF YOU HAVE IDEAS OR  
CONTENT** OR WOULD LIKE TO ADVERTISE

**CONTACT US @**

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