

The Routine Maintenance Solution

↓ Resolving Agency Needs to a
Common Process Problem

Pot holes Where we were...



Entering work orders in a database only utilized by front line staff taking calls and our boots on the ground.

We knew the work and requests needed to be documented and tracked.



Did not know how important it was to anyone other than us taking that initial call...yup we took your call, yup we sent it downstairs...

Why is this **IMPORTANT** ?...



Frequent calls to certain areas –
BIGGER PROBLEM THAN WE
THINK

Planning Planning Planning

Quick Fix?

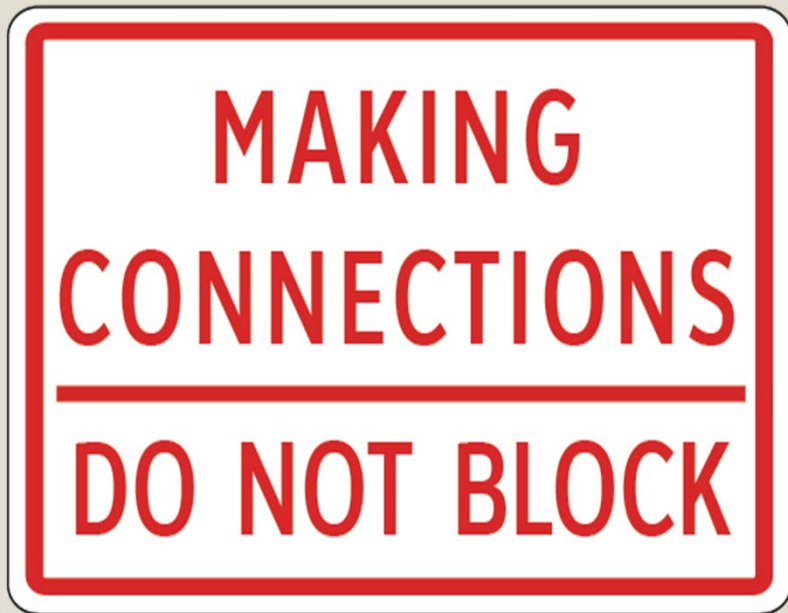
Complete Reconstruct?

Are we responding timely?

Damage Claims

Connect Divisions that do not
always cross paths –
ENGINEERS AND BOOTS ON THE
GROUND

BAD BATCH OF ASPHALT?



We decided we should be connecting these divisions...

Who needs to see this information?

How are we going to do this?

How can we make this work?

Can we use Roadsoft?



We're using Roadsoft modules for many streets and right of way tracking.

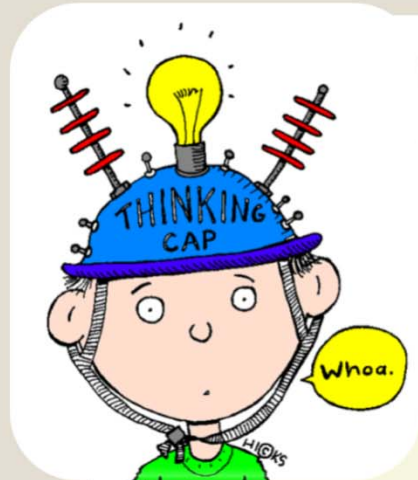


Crash Data
Traffic Counts
Point Pavement Markings
Linear Pavement Markings
Signs
Culverts
Guardrails
Sidewalks

Why not pothole work orders and routine maintenance?

We started pulling together staff and Roadsoft Engineers to see how we could make it work.

We can with Routine Maintenance!



Split/Adjust

Winchell Ave

Sycamore Ln

Highpointe Dr

Shelter Point Dr

Identification	
Segment Name	Winchell Ave
From	Winchell
To	Sycamore Ln
City/Twp	Kalamazoo
Maintained By	No
Physical/Design	
Number of Lanes	2
Surface Width	31.00
Right of Way	33.00
Surface	
Surface SubType	Asphalt-S
Current PASER Rating	3 - Poor
RSL	-3
Confidence	90
YLR	1996
PASER Rating/Treatment Hi	
Add PASER Rat	
8/3/2016	
PASER Rating 5 - Fair	

Edit Routine Maintenance

All Segments in the Routine Maintenance activity are being edited

Routine Maintenance	
Location	Winchell, full length
Activity Type	Pot Hole
Routine Maintenance Activity Type Editor	
Status	Completed
Start Date	1/30/2017
Finish Date	2/7/2017
Source Fund	
Estimated Cost	0
Total Cost	0
Description	potholes.
Memo	Called in by Ms. Watkins, ph: 342-0953. ***Done.
Delete Routine Maintenance	

Routine Maintenance

Save Close

The clouds have parted ...

- Logging work orders
- Give crews screen shots of maintenance orders
- Provide a mini map for those who prefer them
- Track response time
- Ability to track costs associated with the request (we're not there yet but can)
- Quarterly Trunkline Reports – search for patch locations & quantities of material used
- Prepare maps for planning and Commission meetings for visual justification of funds and needs



[illegible]

We are still a work in progress.

We'd like to see formatting change for ease and of use by field crews.

Eventually get a mobile version so the crews can receive and complete work orders from their tablet or smart phone.

Getting input from all of those utilizing the data

Continue to work with Roadsoft Engineers





QUESTIONS?



THANK YOU!