

MNDOT video for responder training

Short clips that can be used for classroom/PPT or as part of produced videos

- Cable median barrier extrication
- TMC traffic camera video



Overall - a means to overcome of lack of training staff and resources.

High Tension Cable Median Barrier

- HTCMB exceptionally valuable
- Issues rare – but...
- Cutting the wrong thing = dangerous
- Hands-on not practical



TIP - Watch for major construction projects

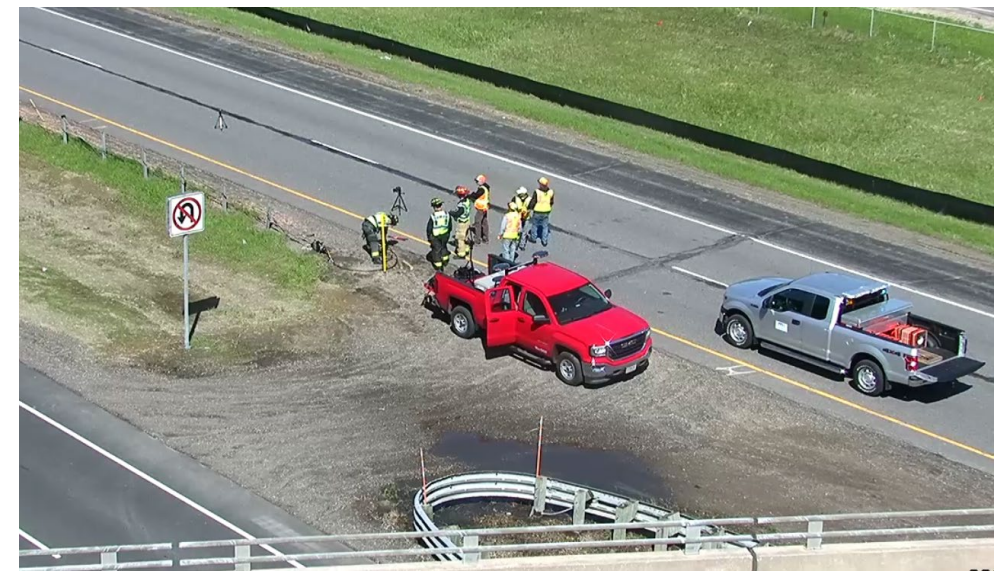
Is there cable barrier?

Does the project remove it?

Can I take it down for training video?

DOT project manager

- Prime -> Sub -> Removal crew
- Thumbs up?



Lesson Learned – It may be quick!

- Need to move fast
- Maybe afterhours
- Do it yourself?
 - Scope out area
 - Cameras
 - Editing



Goal is to capture video of best practices

- Not department wide / regional hands on

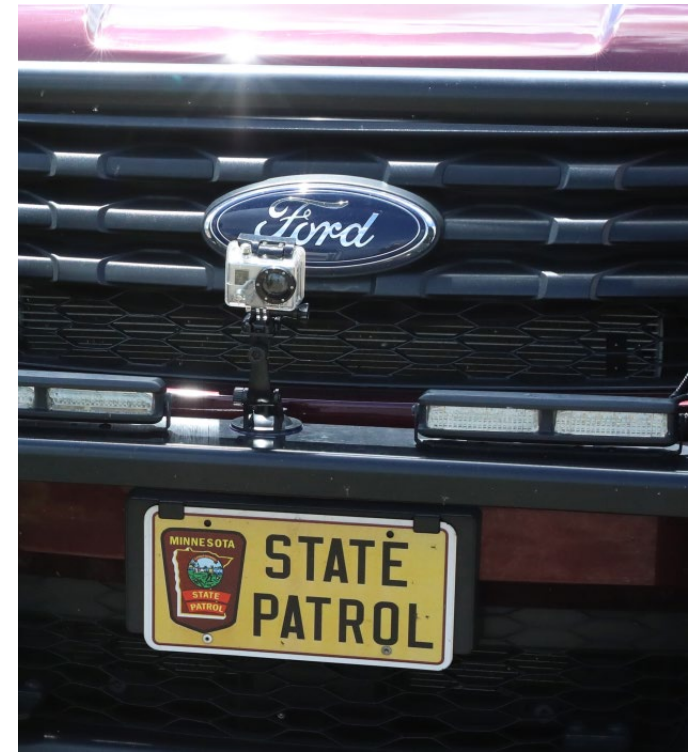
My Invite List:

- Subject expert - maintenance supervisor
 - Bring a tension meter & note temps.
- Actors:
 - 1 or 2 fire trucks with universal equipment.
 - Squad & FSP – if they are part of scenario.
- Camera people if possible



Video Tips

- Visit site beforehand – b-roll pans and stills.
- Camera equipment
 - Couple action cams (ie: GoPro)
 - First person view
 - Wide shot for retraction
 - Handheld cam on a monopod or tripod (slow & steady)
 - Easier to delete extra video – but don't over complicate things.



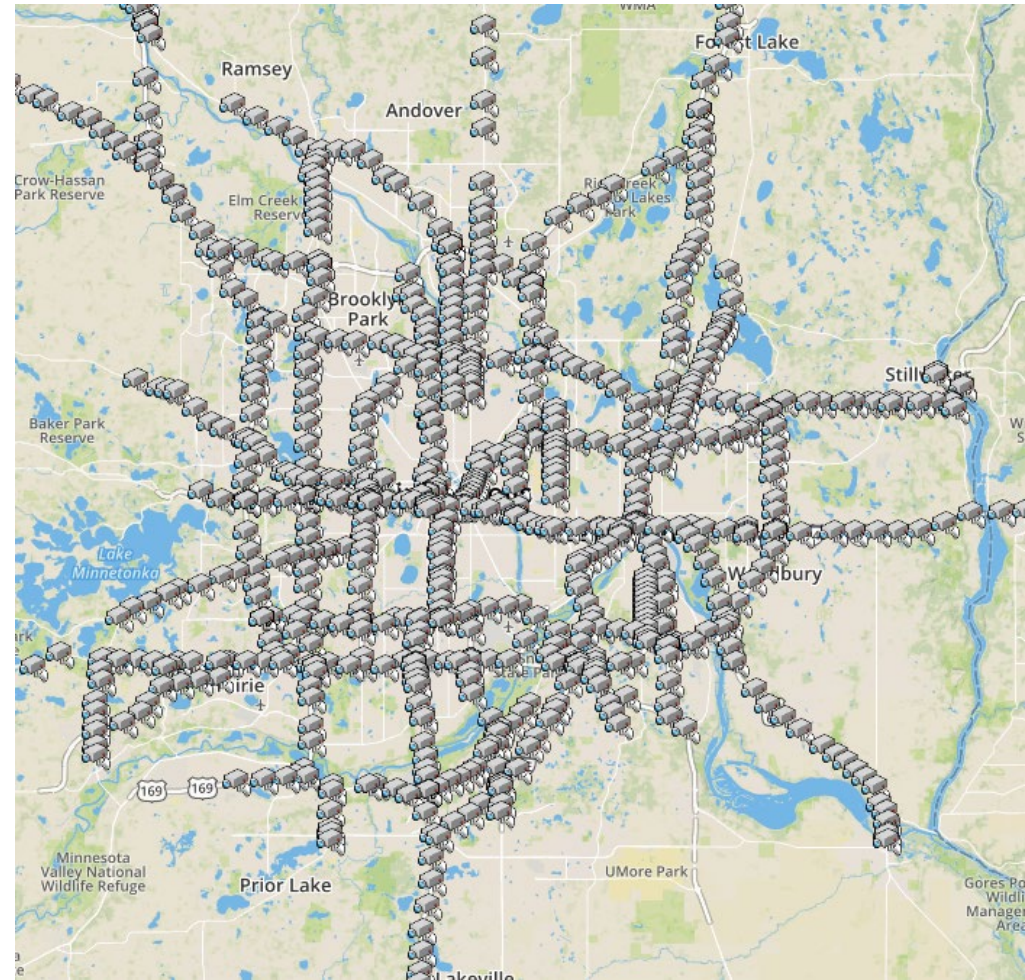
The day of...

- Simulate tension of a crash
 - FSP or tow truck pulling cable
 - ** Note temps...
- Go early and be prepared for site issues
- Expect issues with “best practices”
 - Great for training! (Within reason...)



TMC camera video

- Very few states record their traffic cameras
- MN recording
 - 2003 – 1x 16 chan DVR - working incidents
 - 2004+ – couple more DVR's... (CMB, HOT)
 - 2008 – All cams on NVR



Does the value balance the hassle?

- Great tool for training and outreach but... a lot of work & time
 - I advocated for it – and I'm responsible for dealing with it
- Video is a fundamental part of the MN TIM training (since 2003)
 - Exurban FD – 32 clips
 - St Paul FD – 72 clips!
 - Cable barrier – 25 clips.

The Value

- Builds connection to first responders
 - Here's what TMC sees
 - Everybody loves video
- Here's how crashes happen
 - Arbitrary – not random
- Shows why clear traffic control needed
 - For the good drivers
- Shows why blocking needed
 - For the bad drivers



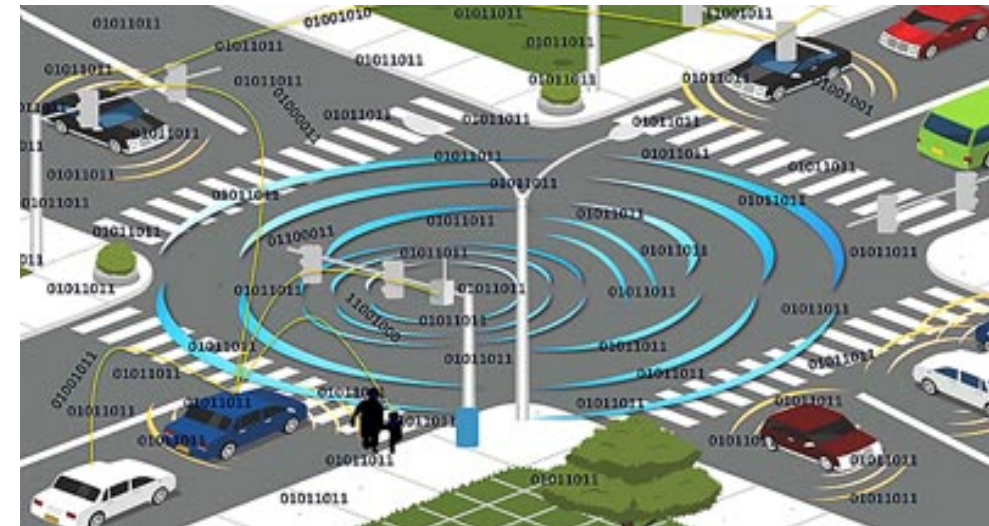
What to show

- Show good traffic control
- Show bad traffic control
- Crazy stuff that we all relate to



Questions for the community

- Ohio's push to put squad video online
- How can we better share within community?
 - Context & background
 - Learning points
 - Attribution
- For DOT's - What does the future hold?
 - Pressure to record
 - CAV data?



Resources & examples

- DIY video editing software
 - Windows Moviemaker & Openshot video editor
- Professionally produced training videos:
 - Search YouTube for “MN Scene Safe” & “MN cable median barrier”



mn scene safe



FILTER



SceneSafe: A Video Training Program for Minnesota's First Responders

MnDPS • 30K views • 5 years ago

SceneSafe, a 30-minute video, is an important training guide for EMS, firefighters and law enforcement officers. This video can be ...

Minnesota Department of Transportation
**Cable Median Barrier
Emergency Response Training**

0:01 / 13:01

Cable Median Barrier - Emergency Response Training

19,851 views • Published on Mar 18, 2016

48 0 SHARE SAVE ...

Thank you!

John McClellan

John.mcclellan@state.mn.us

651-234-7025