

Truck Weight Education for Elected Officials

Sneak Peek

MCEA Summer Conference

6/13/25

Background

LTAP Truck Weight Education Program (TWEP) instructors desire to inform elected officials about the impacts of overweight commercial vehicles on our roads and highways.

- A 20% single 9-ton axle overload (3,600 pounds) causes up to two times the damage as a legally loaded 18,000-pound single axle
- A 20 % tandem overload (6,800 pounds) causes up to 2.25 times the damage as a legal tandem of 34,000 pounds
- 1 truck overloaded 20% has the relative impact of 19,000 cars
- Reclaim/bit. overlay costs ~ \$450k/mile
- Reconstruction of rural two-lane roads costs ~ \$1.5 million/mile
- And so on...

Project Objective and Scope

Create materials that will be used to educate elected officials (County Boards, Sheriffs, Legislators, etc.), other agency officials, and the public on the importance of truck weight enforcement and its relationship to roadway life and truck safety.

Project Deliverables

1. YouTube video (~3 - 5 minutes)
2. Handouts, Fact Sheets, and 1-pagers
3. Content for websites and other social media platforms
4. Other content as desired by the Technical Advisory Panel (TAP)

Project Technical Advisory Panel (TAP)

- Katherine Stanley, Natalie Niskanen, Tom Nelson, Mike Eveslage – LTAP
- Mark Vizecky, Clark Moe - MnDOT
- Frank Hard, MN Twp Association
- Bruce Hasbargen – Beltrami County
- Wayne Johnson - Otter Tail County

Video Outline

Title

Truck Weight Education: The Balance of Roads and Loads

Main Focus

Update information from old videos

- Roads and Loads video (2006)
- Weather and Loads: The Effect They Have on Roads video (1991)

Video Outline

Scenes

1. Introduction
2. Road Construction Costs
3. Effects of Weights on Roads
4. Effects of Weather on Roads
5. Effects of Enforcement and Education on Roads
6. Call to Action
7. Credits

Video Outline

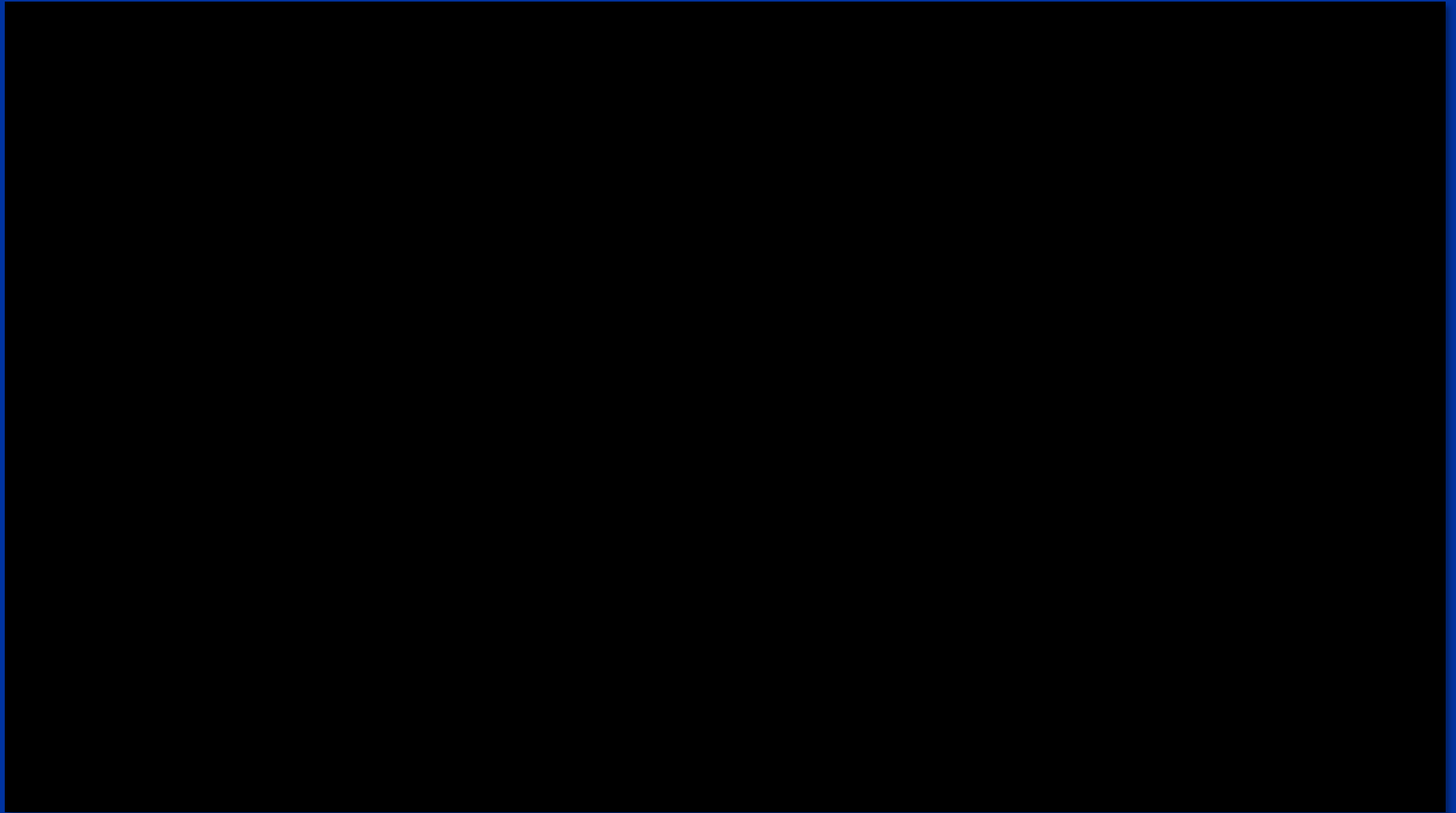
Speakers

1. AI narration
2. Wayne Johnson, Otter Tail County Commissioner
3. Bruce Hasbargen, Beltrami County Engineer
4. Tony Mazzone, MN DPS CMV Trooper
5. Tom Nelson, LTAP TWEP Instructor
6. Dave Peterson, Ideal Township Officer (Crow Wing Co.)
7. Jon McGuire, Great River Energy

Draft Video Content



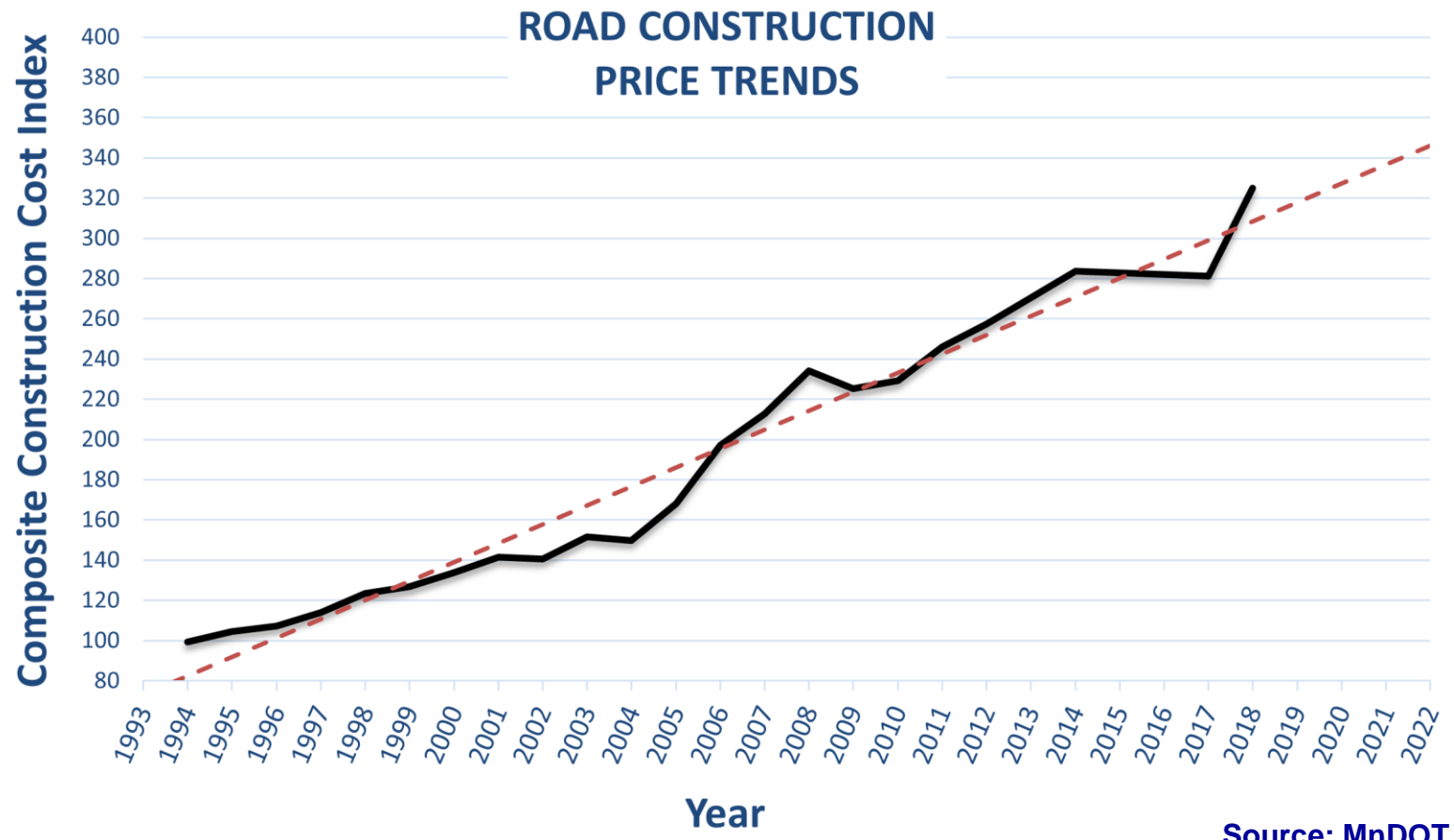
Draft Video Content



Draft Video Content



Draft Video Content



Draft Video Content

Comparing Road Consumption Between Vehicles

Honda Civic



Number

$$11,900 = 1$$

Number

Freightliner 5-axle Semi



Toyota RAV4



$$3,967 = 1$$

Freightliner 5-axle Semi



Chevrolet Silverado 2500 HD



$$216 = 1$$

Freightliner 5-axle Semi



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Draft Video Content



Next Steps

1. **Finalize Video – Fall**
2. **Finalize Handouts and other content – Fall**
3. **AMC Annual Conference Presentation – December (pending)**

Next Steps

FEEDBACK – We want your INPUT

Any suggestions to... video content?

Handout Content, Type of Product(s)?

Material distribution? Outreach? Audience Presentations?

Other?

Questions or Comments?

THANK YOU