



# SH 71 – Truck Freight Diversion Feasibility Study (Super-2 Design, Limon to Nebraska)

## Stakeholder Kick-off

**October 3, 2017**

### 1. Introductions

- a. Heather Paddock, CDOT
- b. Rich Christy, CDOT
- c. Eric Salemi, CDOT
- d. Travis Miller, CDOT
- e. Jeff Dollerschell, CDOT
- f. Jeff Vickers, CDOT
- g. Johnny Olsen, CDOT
- h. Kathy Gilliland, CDOT
- i. Karen Schneiders, CDOT
- j. Joe Kiley, Ports to Plains
- k. Cathy Shull, Pro 15
- l. Monte Torres, Brush!
- m. Melody Christensen – Brush! Chamber of Commerce
- n. Jason Wallis, CDOT
- o. Kipp Parker, Veris Environmental in Limon
- p. Gary Beedy, ETPR
- q. Travis Taylor, CSU Extension
- r. Dave Stone, Limon
- s. Jim Flesher -Weld County
- t. Myron Hora – WSP
- u. Randy Grauberger – WSP
- v. Nick Amrhein – WSP
- w. Lisa Nguyen – WSP
- x. Ryan Mulligan – WSP
- y. Jamie Grim - WSP
- z. Jon Yamamoto - Reporter from Brush! News/Fort Morgan Times

### 2. Safety Moment

- a. Don't text and drive
- b. Watch for others who may be texting and driving

### 3. Project Concept - Scope and Overview

- a. Purpose and Objectives
  - i. SH 71 is already a freight corridor- this study does not need to reaffirm that
  - ii. This study will build on some of the findings in the Eastern mobility study
  - iii. Analyze the freight movement that wasn't looked at in the Eastern Mobility Study

- iv. Identify what (if anything) can be done to incentivize truckers to use SH 71
- v. Identify types of needed improvements
  - 1. Is it shoulders? is it passing lanes? is it pull outs?
  - 2. Looking at operational factors, i.e. plowing regulations, etc.
- vi. Are Incremental improvements appropriate?
- vii. Focus on Economic benefits to set the corridor up for future grant opportunities

General Discussion:

Monte Torres: when you say that it's the last section of the Ports to Plains Alliance corridors left to improve - is there any money allocated? Is there a timeline to do this? Is this a shelf plan?

Heather Paddock: it's a feasibility study-we don't yet know what to ask for when it comes to funding. This will help us prioritize when we look for grant funding

Joe Kiley- one of the difficulties has been because there is no plan for SH 71 so when money came along there were not projects we could do. With the Federal potential of another Transportation Bill in 2018, it may bring more funding and having projects identified helps us compete

Johnny Olson- The big question is how much traffic can we divert out of downtown Denver from I-25 and I-70? How much freight can be diverted if we are planning for a 4-lane or super 2? What does the corridor look like, we don't know, we need to plan for it. We see it in segments. What are our highest safety concerns? There is nothing on SH 71 that is shovel ready.

Kathy Gilliland- "The plan is what it's all about so that it can be incorporated into the statewide plan, this plan will give us a case to get it started. Economic opportunity is key".

Johnny Olson- history lesson about why the highways were built- military. Mobility and connectivity came out of that. Huge safety improvements. Must make it about freight so we can go after money designated for freight. We already know safety is an issue. That should help define the freight aspect.

Nick Amrhein- as important as freight is to those grants, there are opportunities here to use innovative approaches to solving safety problems. Every cylinder needs to be firing on these grants. Safety- from an average standpoint, taking a vehicle off an urban highway to a rural highway, your accident rate goes up, so for this study if we're taking them off I-25 and I-70 and putting them on rural, we need to argue that safety improves.

Kathy Gilliland- CDOT has a statewide model they've been working on internally- we would need it to show improvement to SH 71- where is the model?

Heather Paddock- we're working on it; within 1 month of existing conditions being finished.

Joe Kiley- big picture- I don't want the study limited to a Super-2. Look at a 4-lane divided. Don't limit it

Johnny Olson- when you design for a Super-2 you are designing for a 4-lane highway eventually.

Myron Hora- The reason there isn't a sample Super - 2 cross section in today's presentation is that we don't want to come in with a restricted vision or preconceived solution - we want to look at everything in this study.

Gary Beedy- How will autonomous vehicles use SH 71; will they stay on the main highways because of the safety aspects and liability. Where does RoadX fit in? Will you be modeling the technology?

Jon Yamamoto (the reporter)- where is highway state patrol- **ACTION: Add to the stakeholders list**

## Project Schedule

### 4. Work Flow

- a. Existing Conditions
- b. Identify Improvements
- c. Modeling and estimates
  - i. Modeling a large enough area to capture decision points for drivers – take I-25 or SH 71
  - ii. Nick Amrhein – what we're doing is freight analysis is based on the states and then urban areas. Mary Lupa (WSP) geocoded the info and boiled it down to counties. The model can tell you by commodity what is happening with commodities, which is converted back into truck / traffic volumes.
  - iii. Iowa freight study – Includes information on freight, economic benefit, travel time, etc. Mary Lupa is familiar with this
    1. **ACTION: Add Iowa Freight Study to other studies/references for project**

Kathy Gilliland: Will trucks help in gathering data for this project?

Myron Hora: Team will work with Greg\_Fulton of CMCA to verify trucking information

Jason Wallis: CDOT uses TransSoft; Could this possibly replace the FAF test data? It would link out with other data sets.

Nick: Not sure about TransSoft; will check with Mary Lupa

**ACTION: Follow-up with Mary Lupa on TransSoft and her model's compatibility with existing CDOT data**

2. We have permission to use the statewide model per Johnny Olson

### 5. Implementation Plan

Joe Kiley- how does the corridor connect in Limon with the Ports to Plains corridor and how do you get through Brush with the railroads?

1. **ACTION: CSU did a study for alternatives on SH 71- get from Joe**

### 6. Opportunities for Involvement

- a. Stakeholder slide
- b. Establish a TAG
  - i. We're looking for public works, folks with technical experience to guide the process

### 7. Discussion on Potential Improvements

- a. Discuss Areas of Concern and challenges
  - i. Roadway Improvements

Monty Torres- reach out to communities to see what the towns are looking at that might impact the corridor- i.e. 34 in Brush- floodplain work. SH 71 north of Brush- the city is improving an old feed lot- CDOT controls access - where do they a deceleration lane. Value talking to local communities about their projects and upcoming CDOT projects so money isn't wasted

Gary Beedy- consider oversize, over weight vehicles on the corridor.

- ii. Truck Parking?
  - 1. Monty Torres- parking for truck drivers is so important – heard there are federal grants for pull offs?
  - 2. Where is a good place for a pullover?
    - a. Truck parking study?
    - b. Last Chance? Logical choice?
      - i. No water
      - ii. Maybe Woodrow?
    - iii. Need rest areas, recently closed rest areas include Deer Trail, Bennet, and Lady Bird Park
  - 3. What about energy traffic – short haul?
  - 4. Truck Fleet Services are needed, i.e., flat repair
- iii. Truck Amenities – Wi-Fi? Are there plans in place for any city-wide Wi-Fi projects underway? None are known
- iv. Cell service – lots of dead spots on SH 71- even lose radio service
- v. Need an interchange connecting I-70 and SH71

Gary Beedy- weight station can be moved to make interchange work

- 1. CSU alternatives looked at that
- vi. Passing and Climbing Lanes
- vii. Typical sections – how to build the road - thickness
  - 1. Current design on 287 isn't ideal – passing lanes aren't long enough
  - 2. Generally- would like to see design around communities (Brush!, Limon). Would prefer to widen roads upfront, if needed. Possibly within 3 miles each way of towns
- viii. Safety Improvements
  - 1. Concerns regarding blowing snow and plowing
  - 2. **ACTION: touch base with maintenance personnel about snow and ice**
- ix. Through Brush!
  - 1. Straighten SH 71 to connect with CR 29
  - 2. Exits are too close for another interchange
- 8. Next Steps
  - a. Johnny- communities please let us know about access requests- they could impact this study
  - b. TAC:
    - i. Volunteers
      - 1. Monte Torres
      - 2. Joe Kiley

3. Kathy Gilliland
4. Jim Flesher
5. Cathy Shull
- ii. Let us know if there is anyone else
- iii. **ACTION: WSP to contact agencies for TAG representation**
- c. Additional stakeholder meetings
  - i. Colorado Motor Carriers Association
  - ii. Economic Development
  - iii. TPRs
  - iv. Who in Ag?
    1. Wheat growers
    2. Corn growers
    3. JBS
    4. **ACTION: Add Colorado Department of Agriculture**
  - v. Clean Harbor
  - vi. Floodplain coordination
    1. Need a resiliency contact?
    2. Pawnee, Limon, etc.