

Appendix C

Crash Report Summary

COLORADO HIGHWAY 71

(Limon north to Colorado/Nebraska state line)

TRUCK FREIGHT DIVERSION FEASIBILITY STUDY

PREPARED FOR:



*CDOT Region 4
10601 W. 10th Street
Greeley, CO 80634*

PREPARED BY:

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Colorado Department of Transportation
DiExSys™ Roadway Safety Systems
Detailed Summary of Crashes Report

12/06/2017

Job #: 20171206180020

Location: 71D 71E/71F Begin: 101.97 End: 174.36 From: 01/01/2012 To: 12/31/2016

Severity	
PDO:	143
INJ:	56 89 :Injured
FAT:	3 3 :Killed
Total:	202

Number of Vehicles	
One Vehicle:	149
Two Vehicles:	53
Three or More:	0
Unknown:	0
Total:	202

Location	
On Road:	110
Off Road Left:	41
Off Road Right:	51
Off Road at Tee:	0
Off in Median:	0
Unknown:	0
Total:	202

Lighting Conditions	
Daylight:	119
Dawn or Dusk:	6
Dark - Lighted:	5
Dark - Unlighted:	72
Unknown:	0
Total:	202

Weather Conditions	
None:	156
Rain:	9
Snow/Sleet/Hail:	19
Fog:	2
Dust:	0
Wind:	14
Unknown:	2
Total:	202

Crash Rates	
PDO:	0.96 * * MVMT
INJ:	0.37 * ** 100 MVMT
FAT:	2.00 **
Total:	1.35 *

Crash Type	
Overtuning:	43
Other Non Collision:	3
Pedestrians:	1
Broadside:	15
Head On:	0
Rear End:	15
Sideswipe (Same):	6
Sideswipe (Opposite):	6
Approach Turn:	1
Overtaking Turn:	6
Parked Motor Vehicle:	3
Railway Vehicle:	0
Bicycle:	0
Motorized Bicycle:	0
Domestic Animal:	25
Wild Animal:	29
Light/Utility Pole:	4
Traffic Signal Pole:	0
Sign:	3
Bridge Rail:	1
Guard Rail:	2
Cable Rail:	0
Concrete Barrier:	0
Bridge Abutment:	0
Column/Pier:	0
Culvert/Headwall:	3
Embankment:	12
Curb:	1
Delineator Post:	0
Fence:	17
Tree:	1
Large Boulders or Rocks:	1
Barricade:	0
Wall/Building:	0
Crash Cushion:	0
Mailbox:	1
Other Fixed Object:	3
Total Fixed Objects:	49
Rocks in Roadway:	0
Vehicle Cargo/Debris:	0
Road Maintenance Equipment:	0
Involving Other Object:	0
Total Other Objects:	0
Unknown:	0
Total:	202

Mainline/Ramps/Frontage Roads	
Mainline:	201
Crossroad (A):	0
Ramps	
B: 0 F: 0 J: 0	
C: 0 G: 0 K: 0	
D: 0 H: 0 T: 0	
E: 0 I: 0	
Frontage/Ramp Intersections	
M: 0 N: 1 O: 0 P: 0	
Left Frontage Rd (L):	0
Rt Frontage Rd (R):	0
HOV Lanes (V):	0
Unknown:	0
Total:	202

Road Description	
At Intersection:	38
At Driveway Access:	5
Intersection Related:	9
Non Intersection:	150
In Alley:	0
Roundabout:	0
Ramp:	0
Parking Lot:	0
Unknown:	0
Total:	202

Road Conditions	
Dry:	160
Wet:	10
Muddy:	0
Snowy:	9
Icy:	20
Slushy:	3
Foreign Material:	0
With Road Treatment:	0
Dry w/Icy Road Treatment:	0
Wet w/Icy Road Treatment:	0
Snowy w/Icy Road Treatment:	0
Icy w/Icy Road Treatment:	0
Slushy w/Icy Road Treatment:	0
Unknown:	0
Total:	202

ADT: 1,131 Length: 72.43



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Location: 71D 71E/71F Begin: 101.97 End: 174.36 From: 01/01/2012 To: 12/31/2016

Vehicle Type	Veh 1	Veh 2	Veh 3
Passenger Car/Van:	80	14	0
Passenger Car/Van w/Trl:	1	0	0
Pickup Truck/Utility Van:	34	10	0
Pickup Truck/Utility Van w/Trl:	12	1	0
SUV:	24	8	0
SUV w/Trl:	1	1	0
Truck 10k lbs or Less:	0	0	0
Trucks > 10k lbs/Bus > 15 People:	41	17	0
School Bus < 15 People:	0	0	0
Non School Bus < 15 People:	0	0	0
Motorhome:	1	0	0
Motorcycle:	2	2	0
Bicycle:	0	0	0
Motorized Bicycle:	0	0	0
Farm Equipment:	0	0	0
Hit and Run - Unknown:	4	0	0
Other:	2	0	0
Unknown:	0	0	0
Total:	202	53	0

Vehicle Movement	Veh 1	Veh 2	Veh 3
Going Straight:	123	26	0
Slowing:	6	3	0
Stopped in Traffic:	0	5	0
Making Right Turn:	4	3	0
Making Left Turn:	13	9	0
Making U-Turn:	2	0	0
Passing:	6	1	0
Backing:	3	0	0
Enter/Leave Parked Position:	1	0	0
Starting in Traffic:	0	0	0
Parked:	0	3	0
Changing Lanes:	1	0	0
Avoiding Object/Veh in Road:	1	2	0
Weaving:	5	0	0
Wrong Way:	0	0	0
Other:	37	1	0
Unknown:	0	0	0
Total:	202	53	0

Contributing Factor	Veh 1	Veh 2	Veh 3
No Apparent Contributing Factor:	121	50	0
Asleep at the Wheel:	14	1	0
Illness:	1	0	0
Distracted by Passenger:	1	0	0
Driver Inexperience:	15	0	0
Driver Fatigue:	4	0	0
Driver Preoccupied:	17	0	0
Driver Unfamiliar with Area:	11	0	0
Driver Emotionally Upset:	0	0	0
Evading Law Enforcement Officer:	1	0	0
Physical Disability:	0	0	0
Unknown:	17	2	0
Total:	202	53	0

Direction	Veh 1	Veh 2	Veh 3
North:	79	22	0
Northeast:	1	0	0
East:	11	2	0
Southeast:	0	0	0
South:	102	27	0
Southwest:	0	0	0
West:	9	2	0
Northwest:	0	0	0
Unknown:	0	0	0
Total:	202	53	0

Condition of Driver	Veh 1	Veh 2	Veh 3
No Impairment Suspected:	199	53	0
Alcohol Involved:	3	0	0
RX, Medication, or Drugs Involved:	0	0	0
Illegal Drugs Involved:	0	0	0
Alcohol and Drugs Involved:	0	0	0
Driver/Pedestrian not Observed:	0	0	0
Unknown:	0	0	0
Total:	202	53	0

ADT: 1,131 Length: 72.43