

I-84 Danbury Project Needs and Deficiencies Study *Safety Appendix*

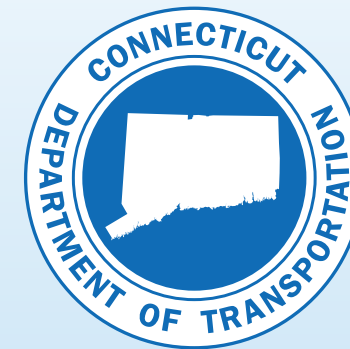


I-84 Danbury Project



State Project Number 34-349

November 2018



**CDM
Smith**

Appendix: Crash Data Tables

I-84 Eastbound: Segments, Ramps, and Termini

Table: Crash Types on I-84 EB Segments

	CRASH TYPE - I-84 EB						Percent
	2 - 3	3 - 4	4 - 5	5 - 6	6 - 7	7 - 8	
Overturn/Rollover	2	0	2	0	0	0	0.61%
Other Non-Collision	0	0	0	1	0	1	0.30%
Jackknife	1	0	0	0	0	0	0.15%
Pedestrian	0	0	0	0	0	1	0.15%
Bicycle	0	0	0	0	0	0	0.00%
Other Non-Fixed Object	11	4	10	3	6	4	5.78%
Animal	1	1	1	0	0	0	0.46%
Fixed Object	19	22	20	3	15	17	14.59%
Rear-End	62	26	122	67	75	25	57.29%
Head-On	0	0	0	0	0	0	0.00%
Angle	2	0	1	1	1	0	0.76%
Sideswipe, Same Direction	22	17	26	16	31	14	19.15%
Sideswipe, Opposite Direction	0	0	0	0	0	0	0.00%
Backing	0	0	0	1	0	0	0.15%
Not Applicable	0	0	0	0	0	0	0.00%
Other	1	0	0	0	1	0	0.30%
*#N/A	1	1	0	0	0	0	0.30%

Table: Main Contributing Factor on I-84 EB Segments

MAIN CONTRIBUTING FACTOR - I-84 EB						
	Segment 2 - 3	Segment 3 - 4	Segment 4 - 5	Segment 5 - 6	Segment 6 - 7	Segment 7 - 8
*No Contributing Action	33	23	47	21	38	19
Ran Off Roadway	3	1	1	4	1	0
Failed to Grant Right-of-Way	2	1	1	2	0	0
Ran Red Light	0	0	0	0	0	0
Ran Stop Sign	0	0	0	0	0	0
Disregarded Other Traffic Sign	0	0	0	0	0	0
Disregarded Other Road Markings	0	0	0	0	0	0
Improper Turn	0	0	0	0	2	1
Improper Backing	1	1	1	1	0	0
Improper Passing	0	0	1	1	1	0
Wrong Side or Wrong Way	0	0	0	0	0	0
Following Too Closely	24	11	57	30	31	10
Failed to Keep in Proper Lane	10	8	9	10	11	10
Operated Vehicle in Reckless Aggressive Manner	0	0	0	0	0	0
Operated Motor Vehicle in Inattentive Manner	3	1	2	1	0	0
Swerved to Avoid Object	1	1	0	0	0	0
Over-Correcting	0	1	3	0	0	0
Overtaking Cyclist	0	0	0	0	0	0
N/A	38	20	52	20	40	21
**Other	7	3	8	2	5	1

Table: Severity of Crash on I-84 EB Segments

SEVERITY - I-84 EB						
	Segment 2 - 3	Segment 3 - 4	Segment 4 - 5	Segment 5 - 6	Segment 6 - 7	Segment 7 - 8
Fatal	0	0	0	0	0	1
Injury	18	10	36	12	21	12
Property Damage Only (PDO)	104	61	146	80	108	49

Table: Lighting on I-84 EB Segments

LIGHTING - I-84 EB						
	Segment 2 - 3	Segment 3 - 4	Segment 4 - 5	Segment 5 - 6	Segment 6 - 7	Segment 7 - 8
Daylight	69	48	117	57	83	44
Dawn	1	0	0	0	0	0
Dusk	4	1	3	0	1	1
Dark-Lighted	47	20	57	32	44	15
Dark-Not Lighted	1	1	5	3	0	1
Dark Unknown Lighting	0	1	0	0	1	1
Other	0	0	0	0	0	0

Table: Pavement Conditions on I-84 EB Segments

PAVEMENT - I-84 EB						
	Segment 2 - 3	Segment 3 - 4	Segment 4 - 5	Segment 5 - 6	Segment 6 - 7	Segment 7 - 8
Dry	91	43	158	76	104	51
Wet	18	26	20	14	22	9
Snow	6	2	1	1	3	2
Slush	1	0	2	0	0	0
Ice/Frost	5	0	1	1	0	0
Moving Water	0	0	0	0	0	0
Sand	0	0	0	0	0	0
Mud, Dirt, Gravel	0	0	0	0	0	0
Oil	0	0	0	0	0	0
Standing Water	0	0	0	0	0	0
*Other	1	0	0	0	0	0

Table: Trucks on I-84 EB Segments

TRUCKS - I-84 EB						
	Segment 2 - 3	Segment 3 - 4	Segment 4 - 5	Segment 5 - 6	Segment 6 - 7	Segment 7 - 8
Other Light Trucks	4	0	5	5	7	2
Medium/Heavy Trucks	11	2	6	3	6	4

Table: Main Contributing Factor on I-84 EB Ramps

MAIN CONTRIBUTING FACTOR - I-84 EB											
	Exit 3		Exit 4		Exit 5		Exit 6	Exit 7		Exit 8	
	Off-ramp	On-ramp	Off-ramp	On-ramp	Off-ramp	On-ramp	On-ramp	Off-ramp	On-ramp	Off-ramp	On-ramp
*No Contributing Action	2	2	2	2	10	3	6	5	4	6	1
Ran Off Roadway	0	0	0	0	0	0	0	0	0	1	0
Failed to Grant Right-of-Way	0	0	0	0	2	1	2	0	0	0	0
Ran Red Light	0	0	0	0	0	0	0	0	0	0	0
Ran Stop Sign	0	0	0	0	0	0	0	0	0	0	0
Disregarded Other Traffic Sign	0	0	0	0	0	0	0	0	0	0	0
Disregarded Other Road Markings	0	0	0	0	0	0	0	0	0	0	0
Improper Turn	0	0	0	0	1	0	0	0	0	0	0
Improper Backing	0	0	0	0	0	0	0	0	0	0	0
Improper Passing	0	0	0	0	1	0	0	0	0	0	0
Wrong Side or Wrong Way	0	0	0	0	0	0	0	0	0	0	0
Following Too Closely	3	0	0	1	3	3	7	1	4	11	2
Failed to Keep in Proper Lane	1	2	0	1	0	0	0	0	1	1	0
Operated Vehicle in Reckless Aggressive Manner	0	0	0	0	0	0	0	0	0	0	0
Operated Motor Vehicle in Inattentive Manner	0	2	0	0	0	0	0	1	0	0	0
Swerved to Avoid Object	0	0	0	0	1	0	0	0	0	0	0
Over-Correcting	0	0	0	0	0	0	0	0	0	0	0
Overtaking Cyclist	0	0	0	0	0	0	0	0	0	0	0
N/A	4	0	6	1	8	1	4	3	3	4	3
**Other	1	0	1	0	2	0	0	0	0	1	0

Table: Severity of Crash on I-84 EB Ramps

SEVERITY - I-84 EB											
	Exit 3		Exit 4		Exit 5		Exit 6	Exit 7		Exit 8	
	Off-ramp	On-ramp	Off-ramp	On-ramp	Off-ramp	On-ramp	On-ramp	Off-ramp	On-ramp	Off-ramp	On-ramp
Fatal	0	0	0	0	1	0	0	0	0	0	0
Injury	2	2	2	1	10	2	5	5	2	6	1
Property Damage Only (PDO)	9	4	7	4	17	6	14	5	10	18	5

Table: Lighting on I-84 EB Ramps

LIGHTING - I-84 EB											
	Exit 3		Exit 4		Exit 5		Exit 6	Exit 7		Exit 8	
	Off-ramp	On-ramp	Off-ramp	On-ramp	Off-ramp	On-ramp	On-ramp	Off-ramp	On-ramp	Off-ramp	On-ramp
Daylight	9	4	7	3	22	6	13	5	7	19	5
Dawn	1	0	0	0	0	0	0	0	0	0	0
Dusk	0	0	0	0	0	0	0	0	0	1	0
Dark-Lighted	0	2	1	2	6	2	6	5	5	4	0
Dark-Not Lighted	1	0	1	0	0	0	0	0	0	0	1
Dark Unknown Lighting	0	0	0	0	0	0	0	0	0	0	0
*Other	0	0	0	0	0	0	0	0	0	0	0

Table: Pavement Conditions on I-84 EB Ramps

PAVEMENT - I-84 EB											
	Exit 3		Exit 4		Exit 5		Exit 6	Exit 7		Exit 8	
	Off-ramp	On-ramp	Off-ramp	On-ramp	Off-ramp	On-ramp	On-ramp	Off-ramp	On-ramp	Off-ramp	On-ramp
Dry	7	3	7	5	24	8	13	9	10	20	5
Wet	3	2	2	0	3	0	6	0	2	4	1
Snow	0	1	0	0	1	0	0	1	0	0	0
Slush	0	0	0	0	0	0	0	0	0	0	0
Ice/Frost	0	0	0	0	0	0	0	0	0	0	0
Moving Water	0	0	0	0	0	0	0	0	0	0	0
Sand	0	0	0	0	0	0	0	0	0	0	0
Mud, Dirt, Gravel	0	0	0	0	0	0	0	0	0	0	0
Oil	0	0	0	0	0	0	0	0	0	0	0
Standing Water	0	0	0	0	0	0	0	0	0	0	0
*Other	1	0	0	0	0	0	0	0	0	0	0

Table: Trucks on I-84 EB Ramps

TRUCKS - I-84 EB											
	Exit 3		Exit 4		Exit 5		Exit 6	Exit 7		Exit 8	
	Off-ramp	On-ramp	Off-ramp	On-ramp	Off-ramp	On-ramp	On-ramp	Off-ramp	On-ramp	Off-ramp	On-ramp
Other Light Trucks	0	0	0	0	0	0	0	0	1	2	0
Medium/Heavy Trucks	0	0	0	0	3	1	0	1	1	0	0

Table: Crash Types at Termini

CRASH TYPE - Termini				
	I-84 Eastbound			
	Exit 4 On/Off-ramp at Rte. 6 & Lake Ave	Exit 5 On-ramp at Main St & Tooley Ln	Exit 6 On-ramp at North St.	Exit 8 Off-ramp at Newtown Rd/Rte. 6
Overturn/Rollover	0	0	0	0
Other Non-Collision	0	0	0	0
Jackknife	0	0	0	0
Pedestrian	0	1	0	0
Bicycle	0	0	0	0
Other Non-Fixed Object	0	1	0	0
Animal	0	0	0	0
Fixed Object	0	0	0	1
Rear-End	33	8	7	4
Head-On	0	0	0	0
Angle	13	9	5	0
Sideswipe, Same Direction	4	3	7	0
Sideswipe, Opposite Direction	2	1	0	0
Backing	0	0	0	0
Not Applicable	0	0	0	0
*Other	1	1	0	0
**#N/A	2	3	1	0

Table: Main Contributing Factor at Termini

MAIN FACTOR - Termini				
	I-84 Eastbound			
	Exit 4 On/Off-ramp at Rte. 6 & Lake Ave	Exit 5 On-ramp at Main St & Tooley Ln	Exit 6 On-ramp at North St.	Exit 8 Off-ramp at Newtown Rd/Rte. 6
*No Contributing Action	29	9	9	2
Ran Off Roadway	0	0	2	0
Failed to Grant Right-of-Way	0	0	0	0
Ran Red Light	0	0	0	0
Ran Stop Sign	0	0	0	0
Disregarded Other Traffic Sign	0	0	0	0
Disregarded Other Road Markings	0	0	0	0
Improper Turn	0	0	0	1
Improper Backing	0	0	0	0
Improper Passing	0	0	0	0
Wrong Side or Wrong Way	0	0	0	0
Following Too Closely	5	2	4	2
Failed to Keep in Proper Lane	2	0	0	0
Operated Vehicle in Reckless Aggressive Manner	0	0	0	0
Operated Motor Vehicle in Inattentive Manner	1	0	0	0
Swerved to Avoid Object	0	0	0	0
Over-Correcting	0	0	0	0
Overtaking Cyclist	0	0	0	0
N/A	17	14	5	0
**Other	1	2	0	0

Table: Severity of Crash at Termini

SEVERITY - Termini				
	I-84 Eastbound			
	Exit 4 On/Off-ramp at Rte. 6 & Lake Ave	Exit 5 On-ramp at Main St & Tooley Ln	Exit 6 On-ramp at North St.	Exit 8 Off-ramp at Newtown Rd/Rte. 6
Fatal	0	0	0	0
Injury	10	5	4	2
Property Damage Only (PDO)	45	22	16	3

Table: Lighting Conditions at Termini

LIGHT - Termini				
	I-84 Eastbound			
	Exit 4 On/Off-ramp at Rte. 6 & Lake Ave	Exit 5 On-ramp at Main St & Tooley Ln	Exit 6 On-ramp at North St.	Exit 8 Off-ramp at Newtown Rd/Rte. 6
Daylight	38	23	7	5
Dawn	0	0	0	0
Dusk	1	1	1	0
Dark-Lighted	13	2	10	0
Dark-Not Lighted	2	1	1	0
Dark Unknown Lighting	1	0	1	0
*Other	0	0	0	0

Table: Pavement Conditions at Termini

PAVEMENT - Termini				
	I-84 Eastbound			
	Exit 4 On/Off-ramp at Rte. 6 & Lake Ave	Exit 5 On-ramp at Main St & Tooley Ln	Exit 6 On-ramp at North St.	Exit 8 Off-ramp at Newtown Rd/Rte. 6
Dry	50	20	16	5
Wet	4	6	3	0
Snow	1	1	0	0
Slush	0	0	1	0
Ice/Frost	0	0	0	0
Moving Water	0	0	0	0
Sand	0	0	0	0
Mud, Dirt, Gravel	0	0	0	0
Oil	0	0	0	0
Standing Water	0	0	0	0
*Other	0	0	0	0

Table: Trucks at Termini

TRUCKS - Termini				
	I-84 Eastbound			
	Exit 4 On/Off-ramp at Rte. 6 & Lake Ave	Exit 5 On-ramp at Main St & Tooley Ln	Exit 6 On-ramp at North St.	Exit 8 Off-ramp at Newtown Rd/Rte. 6
Other Light Trucks	1	0	0	1
Medium/Heavy Trucks	5	0	1	0

I-84 Westbound: Segments, Ramps, and Termini

Table: Crash Types on I-84 WB Segments

CRASH TYPE - I-84 WB							Percent
	2 - 3	3 - 4	4 - 5	5 - 6	6 - 7	7 - 8	
Overturn/Rollover	0	0	0	0	0	0	0.00%
Other Non-Collision	1	0	2	1	0	0	1.22%
Jackknife	0	0	0	0	1	0	0.30%
Pedestrian	0	0	0	0	1	0	0.30%
Bicycle	0	0	0	0	0	0	0.00%
Other Non-Fixed Object	6	3	9	5	8	1	9.76%
Animal	1	0	0	0	0	0	0.30%
Fixed Object	23	6	8	5	9	11	18.90%
Rear-End	7	7	20	11	47	16	32.93%
Head-On	0	0	0	0	1	0	0.30%
Angle	2	0	0	0	0	1	0.91%
Sideswipe, Same Direction	21	15	29	8	29	8	33.54%
Sideswipe, Opposite Direction	0	0	0	0	0	0	0.00%
Backing	0	0	0	0	0	0	0.00%
Not Applicable	0	0	0	0	0	0	0.00%
Other	1	1	1	1	0	0	1.22%
*#N/A	0	0	0	0	1	0	0.30%

Table: Main Contributing Factor on I-84 WB Segments

MAIN CONTRIBUTING FACTOR - I-84 WB						
	Segment 2 - 3	Segment 3 - 4	Segment 4 - 5	Segment 5 - 6	Segment 6 - 7	Segment 7 - 8
No Contributing Action	26	9	23	11	25	12
Ran Off Roadway	1	1	2	0	0	0
Failed to Grant Right-of-Way	0	0	0	1	3	0
Ran Red Light	0	0	0	0	0	0
Ran Stop Sign	0	0	0	0	0	0
Disregarded Other Traffic Sign	0	0	0	0	0	0
Disregarded Other Road Markings	0	0	0	0	0	0
Improper Turn	1	0	0	2	2	0
Improper Backing	0	0	0	0	0	0
Improper Passing	0	1	1	0	1	1
Wrong Side or Wrong Way	0	0	0	0	0	0
Following Too Closely	5	5	5	6	20	9
Failed to Keep in Proper Lane	8	6	10	4	5	3
Operated Vehicle in Reckless Aggressive Manner	0	0	0	0	0	0
Operated Motor Vehicle in Inattentive Manner	3	2	3	0	4	0
Swerved to Avoid Object	0	0	0	0	0	0
Over-Correcting	2	0	1	1	1	1
Overtaking Cyclist	0	0	0	0	0	0
N/A	14	7	18	5	32	9
Other	2	1	6	1	4	2

Table: Severity of Crash on I-84 WB Segments

SEVERITY - I-84 WB						
	Segment 2 - 3	Segment 3 - 4	Segment 4 - 5	Segment 5 - 6	Segment 6 - 7	Segment 7 - 8
Fatal	0	0	0	0	1	0
Injury	7	5	15	3	24	8
Property Damage Only (PDO)	55	27	54	28	72	29

Table: Lighting on I-84 WB Segments

LIGHTING - I-84 WB						
	Segment 2 - 3	Segment 3 - 4	Segment 4 - 5	Segment 5 - 6	Segment 6 - 7	Segment 7 - 8
Daylight	39	23	57	22	71	22
Dawn	2	0	0	0	0	0
Dusk	0	1	0	0	2	0
Dark-Lighted	19	8	11	8	21	12
Dark-Not Lighted	1	0	1	1	2	2
Dark Unknown Lighting	0	0	0	0	0	1
Other	1	0	0	0	1	0

Table: Pavement Conditions on I-84 WB Segments

PAVEMENT - I-84 WB						
	Segment 2 - 3	Segment 3 - 4	Segment 4 - 5	Segment 5 - 6	Segment 6 - 7	Segment 7 - 8
Dry	39	20	57	25	82	27
Wet	16	10	10	6	11	8
Snow	7	1	1	0	2	1
Slush	0	0	0	0	0	0
Ice/Frost	0	1	0	0	1	1
Moving Water	0	0	1	0	0	0
Sand	0	0	0	0	0	0
Mud, Dirt, Gravel	0	0	0	0	0	0
Oil	0	0	0	0	0	0
Standing Water	0	0	0	0	0	0
Other	0	0	0	0	1	0

Table: Trucks on I-84 WB Segments

TRUCKS - I-84 WB						
	Segment 2 - 3	Segment 3 - 4	Segment 4 - 5	Segment 5 - 6	Segment 6 - 7	Segment 7 - 8
Other Light Trucks	0	3	4	1	3	1
Medium/Heavy Trucks	6	2	6	0	9	2

Table: Main Contributing Factor on I-84 WB Ramps

MAIN CONTRIBUTING FACTOR - I-84 WB											
	Exit 3		Exit 4		Exit 5		Exit 6	Exit 7		Exit 8	
	Off-ramp	On-ramp	Off-ramp	On-ramp	Off-ramp	On-ramp	Off-ramp	Off-ramp	On-ramp	Off-ramp	On-ramp
*No Contributing Action	16	1	12	3	8	2	7	7	10	3	3
Ran Off Roadway	0	0	0	0	1	0	0	1	0	0	0
Failed to Grant Right-of-Way	0	0	1	0	0	0	0	0	0	0	0
Ran Red Light	0	0	0	0	0	0	0	0	0	0	0
Ran Stop Sign	0	0	0	0	0	0	0	0	0	0	0
Disregarded Other Traffic Sign	0	0	0	0	0	0	0	0	0	0	0
Disregarded Other Road Markings	0	0	0	0	0	0	0	0	0	0	0
Improper Turn	0	1	1	0	1	0	0	0	0	0	0
Improper Backing	0	0	0	0	0	0	0	0	0	0	0
Improper Passing	0	0	0	0	0	0	0	1	0	0	0
Wrong Side or Wrong Way	0	0	0	0	0	0	0	0	0	0	0
Following Too Closely	6	1	5	0	8	0	5	2	6	1	2
Failed to Keep in Proper Lane	7	0	3	0	0	0	0	1	2	1	0
Operated Vehicle in Reckless Aggressive Manner	0	0	0	0	0	0	0	1	0	0	0
Operated Motor Vehicle in Inattentive Manner	0	0	0	1	0	0	0	0	0	1	0
Swerved to Avoid Object	0	0	0	0	0	0	1	0	0	0	0
Over-Correcting	1	0	1	0	0	0	0	0	0	0	0
Overtaking Cyclist	0	0	0	0	0	0	0	0	0	0	0
N/A	6	5	2	0	3	0	5	4	4	3	1
**Other	1	1	2	0	1	0	2	0	0	0	0

Table: Severity of Crash on I-84 WB Ramps

SEVERITY - I-84 WB											
	Exit 3		Exit 4		Exit 5		Exit 6	Exit 7		Exit 8	
	Off-ramp	On-ramp	Off-ramp	On-ramp	Off-ramp	On-ramp	Off-ramp	Off-ramp	On-ramp	Off-ramp	On-ramp
Fatal	0	0	0	0	0	0	0	0	0	0	0
Injury	3	0	1	2	2	0	7	2	6	1	0
Property Damage Only (PDO)	34	9	26	2	20	2	13	15	16	8	6

Table: Lighting on I-84 WB Ramps

LIGHTING - I-84 WB											
	Exit 3		Exit 4		Exit 5		Exit 6	Exit 7		Exit 8	
	Off-ramp	On-ramp	Off-ramp	On-ramp	Off-ramp	On-ramp	Off-ramp	Off-ramp	On-ramp	Off-ramp	On-ramp
Daylight	27	6	22	2	15	2	15	10	15	7	4
Dawn	0	0	0	0	1	0	0	1	0	0	0
Dusk	1	0	0	0	0	0	0	0	0	1	0
Dark-Lighted	8	3	5	2	6	0	4	5	6	1	2
Dark-Not Lighted	1	0	0	0	0	0	1	1	1	0	0
Dark Unknown Lighting	0	0	0	0	0	0	0	0	0	0	0
*Other	0	0	0	0	0	0	0	0	0	0	0

Table: Pavement Conditions on I-84 WB Ramps

PAVEMENT - I-84 WB											
	Exit 3		Exit 4		Exit 5		Exit 6	Exit 7		Exit 8	
	Off-ramp	On-ramp	Off-ramp	On-ramp	Off-ramp	On-ramp	Off-ramp	Off-ramp	On-ramp	Off-ramp	On-ramp
Dry	24	7	18	4	14	2	16	14	18	6	4
Wet	10	2	5	0	8	0	4	1	3	3	1
Snow	1	0	4	0	0	0	0	1	1	0	1
Slush	1	0	0	0	0	0	0	0	0	0	0
Ice/Frost	1	0	0	0	0	0	0	1	0	0	0
Moving Water	0	0	0	0	0	0	0	0	0	0	0
Sand	0	0	0	0	0	0	0	0	0	0	0
Mud, Dirt, Gravel	0	0	0	0	0	0	0	0	0	0	0
Oil	0	0	0	0	0	0	0	0	0	0	0
Standing Water	0	0	0	0	0	0	0	0	0	0	0
*Other	0	0	0	0	0	0	0	0	0	0	0

Table: Trucks on I-84 WB Ramps

TRUCKS - I-84 WB											
	Exit 3		Exit 4		Exit 5		Exit 6	Exit 7		Exit 8	
	Off-ramp	On-ramp	Off-ramp	On-ramp	Off-ramp	On-ramp	Off-ramp	Off-ramp	On-ramp	Off-ramp	On-ramp
Other Light Trucks	1	0	1	1	0	0	0	1	2	0	0
Medium/Heavy Trucks	4	0	5	0	2	0	0	0	0	0	0

Table: Crash Types at Termini

CRASH TYPE - Termini					
	I-84 Westbound				
	Exit 4 On/Off-ramp at Rte. 6 & Lake Ave	Exit 5 On/Off-ramp at Main St & Golden Hill Rd	Exit 6 Off- ramp at North St. & Padanaram Rd	Exit 8 Off- ramp at Newtown Rd/Rte. 6	Exit 8 On- ramp at Newtown Rd & Mtnview Ter
Overturn/Rollover	0	0	0	0	0
Other Non-Collision	0	0	0	0	0
Jackknife	0	0	0	0	0
Pedestrian	0	1	1	0	0
Bicycle	0	0	1	0	0
Other Non-Fixed Object	0	0	0		1
Animal	0	0	0	0	0
Fixed Object	0	2	1	1	0
Rear-End	3	34	13	8	17
Head-On	0	1	0	0	1
Angle	6	15	3	0	2
Sideswipe, Same Direction	0	4	5	0	7
Sideswipe, Opposite Direction	0	0	2	0	1
Backing	0	0	0	0	0
Not Applicable	0	0	0	0	0
*Other	2	0	0	0	0
**#N/A	1	7	1	0	3

Table: Main Contributing Factor at Termini

MAIN FACTOR - Termini					
	I-84 Westbound				
	Exit 4 On/Off-ramp at Rte. 6 & Lake Ave	Exit 5 On/Off-ramp at Main St & Golden Hill Rd	Exit 6 Off-ramp at North St. & Padanaram Rd	Exit 8 Off-ramp at Newtown Rd/Rte. 6	Exit 8 On-ramp at Newtown Rd & Mtnview Ter
*No Contributing Action	9	30	8	5	22
Ran Off Roadway	0	0	6	0	0
Failed to Grant Right-of-Way	0	3	0	0	2
Ran Red Light	0	0	0	0	0
Ran Stop Sign	0	0	0	0	0
Disregarded Other Traffic Sign	0	0	0	0	0
Disregarded Other Road Markings	0	0	0	0	0
Improper Turn	0	1	0	0	1
Improper Backing	0	0	0	0	0
Improper Passing	0	0	0	0	0
Wrong Side or Wrong Way	0	0	0	0	0
Following Too Closely	2	3	1	0	2
Failed to Keep in Proper Lane	0	2	0	1	0
Operated Vehicle in Reckless Aggressive Manner	0	1	0	0	0
Operated Motor Vehicle in Inattentive Manner	0	0	0	0	0
Swerved to Avoid Object	0	0	0	0	0
Over-Correcting	0	0	0	0	0
Overtaking Cyclist	0	0	0	0	0
N/A	1	20	6	3	4
**Other	0	4	6	0	1

Table: Severity of Crash at Termini

SEVERITY - Termini					
	I-84 Westbound				
	Exit 4 On/Off-ramp at Rte. 6 & Lake Ave	Exit 5 On/Off-ramp at Main St & Golden Hill Rd	Exit 6 Off-ramp at North St. & Padanaram Rd	Exit 8 Off-ramp at Newtown Rd/Rte. 6	Exit 8 On-ramp at Newtown Rd & Mtnview Ter
Fatal	0	0	0	0	0
Injury	1	14	9	1	6
Property Damage Only (PDO)	11	50	18	8	26

Table: Lighting Conditions at Termini

LIGHT - Termini					
	I-84 Westbound				
	Exit 4 On/Off-ramp at Rte. 6 & Lake Ave	Exit 5 On/Off-ramp at Main St & Golden Hill Rd	Exit 6 Off-ramp at North St. & Padanaram Rd	Exit 8 Off-ramp at Newtown Rd/Rte. 6	Exit 8 On-ramp at Newtown Rd & Mtnview Ter
Daylight	7	46	17	8	24
Dawn	0	1	0	0	0
Dusk	0	3	0	0	0
Dark-Lighted	3	10	9	1	6
Dark-Not Lighted	2	3	1	0	2
Dark Unknown Lighting	0	0	0	0	0
*Other	0	1	0	0	0

Table: Pavement Conditions at Termini

PAVEMENT - Termini					
	I-84 Westbound				
	Exit 4 On/Off-ramp at Rte. 6 & Lake Ave	Exit 5 On/Off-ramp at Main St & Golden Hill Rd	Exit 6 Off-ramp at North St. & Padanaram Rd	Exit 8 Off-ramp at Newtown Rd/Rte. 6	Exit 8 On-ramp at Newtown Rd & Mtnview Ter
Dry	10	53	22	8	24
Wet	2	9	5	1	5
Snow	0	1	0	0	1
Slush	0	0	0	0	0
Ice/Frost	0	0	0	0	0
Moving Water	0	0	0	0	0
Sand	0	0	0	0	2
Mud, Dirt, Gravel	0	0	0	0	0
Oil	0	0	0	0	0
Standing Water	0	0	0	0	0
*Other	0	1	0	0	0

Table: Trucks at Termini

TRUCKS - Termini					
	I-84 Westbound				
	Exit 4 On/Off-ramp at Rte. 6 & Lake Ave	Exit 5 On/Off-ramp at Main St & Golden Hill Rd	Exit 6 Off-ramp at North St. & Padanaram Rd	Exit 8 Off-ramp at Newtown Rd/Rte. 6	Exit 8 On-ramp at Newtown Rd & Mtnview Ter
Other Light Trucks	0	2	2	0	1
Medium/Heavy Trucks	1	4	1	0	2

Route 7 Northbound: Segments, Ramps, and Termini

Table: Crash Types on RTE 7 NB Segments

CRASH TYPE - RTE 7 NB					Percent
	7 - 8	Exit 8 Off-ramp to Exit 8 On-ramp	8 - I-84	I-84 - 11	
Overturn/Rollover	0	0	0	0	0.00%
Other Non-Collision	0	0	0	0	0.00%
Jackknife	0	0	0	0	0.00%
Pedestrian	0	0	0	0	0.00%
Bicycle	0	0	0	0	0.00%
Other Non-Fixed Object	0	2	4	0	9.84%
Animal	0	0	0	0	0.00%
Fixed Object	2	0	5	4	14.75%
Rear-End	1	2	7	20	47.54%
Head-On	0	0	0	0	0.00%
Angle	0	0	2	0	3.28%
Sideswipe, Same Direction	0	2	6	6	22.95%
Sideswipe, Opposite Direction	0	0	0	0	0.00%
Backing	0	0	0	0	0.00%
Not Applicable	0	0	0	0	0.00%
Other	1	1	0	0	1.64%
#N/A	0	0	0	0	0.00%

Table: Main Contributing Factor on RTE 7 NB Segments

MAIN CONTRIBUTING FACTOR - RTE 7 NB				
	7 - 8	Exit 8 Off-ramp to Exit 8 On-ramp	8 - I-84	I-84 - 11
No Contributing Action	1	2	11	11
Ran Off Roadway	0	0	1	0
Failed to Grant Right-of-Way	0	0	0	0
Ran Red Light	0	0	0	0
Ran Stop Sign	0	0	0	0
Disregarded Other Traffic Sign	0	0	0	0
Disregarded Other Road Markings	0	0	0	0
Improper Turn	0	0	1	0
Improper Backing	0	0	0	0
Improper Passing	0	0	0	0
Wrong Side or Wrong Way	0	0	0	0
Following Too Closely	1	1	2	11
Failed to Keep in Proper Lane	1	0	2	2
Operated Vehicle in Reckless Aggressive Manner	0	0	0	0
Operated Motor Vehicle in Inattentive Manner	0	0	0	0
Swerved to Avoid Object	0	0	0	0
Over-Correcting	0	0	0	0
Overtaking Cyclist	0	0	0	0
N/A	4	0	7	6
Other	0	1	0	0

Table: Severity of Crash on RTE 7 NB Segments

SEVERITY - RTE 7 NB				
	7 - 8	Exit 8 Off-ramp to Exit 8 On-ramp	8 - I-84	I-84 - 11
Fatal	0	0	0	0
Injury	0	1	6	5
Property Damage Only (PDO)	7	3	18	25

Table: Lighting on RTE 7 NB Segments

LIGHTING - RTE 7 NB				
	7 - 8	Exit 8 Off-ramp to Exit 8 On-ramp	8 - I-84	I-84 - 11
Daylight	5	0	8	22
Dawn	0	0	0	0
Dusk	0	0	0	0
Dark-Lighted	2	4	14	6
Dark-Not Lighted	0	0	2	2
Dark Unknown Lighting	0	0	0	0
Other	0	0	0	0

Table: Pavement Conditions on RTE 7 NB Segments

PAVEMENT - RTE 7 NB				
	7 - 8	Exit 8 Off-ramp to Exit 8 On-ramp	8 - I-84	I-84 - 11
Dry	5	1	14	25
Wet	2	3	6	4
Snow	0	0	2	1
Slush	0	0	0	0
Ice/Frost	0	0	2	0
Moving Water	0	0	0	0
Sand	0	0	0	0
Mud, Dirt, Gravel	0	0	0	0
Oil	0	0	0	0
Standing Water	0	0	0	0
Other	0	0	0	0

Table: Trucks on RTE 7 NB Segments

TRUCKS - RTE 7 NB				
	7 - 8	Exit 8 Off-ramp to Exit 8 On-ramp	8 - I-84	I-84 - 11
Other Light Trucks	0	0	1	0
Medium/Heavy Trucks	1	0	2	2

Table: Crash Types on RTE 7 NB Ramps

CRASH TYPE - RTE 7 NB		
	Exit 8 On-ramp from Backus Ave/mall	Exit 8 Off- ramp to Park Ave
Overturn/Rollover	0	0
Other Non-Collision	0	0
Jackknife	0	0
Pedestrian	0	0
Bicycle	0	0
Other Non-Fixed Object	0	0
Animal	0	0
Fixed Object	0	1
Rear-End	9	4
Head-On	0	0
Angle	0	0
Sideswipe, Same Direction	2	0
Sideswipe, Opposite Direction	0	0
Backing	0	0
Not Applicable	0	0
Other	0	0
*#N/A	0	0

Table: Main Contributing Factor on RTE 7 NB Ramps

MAIN CONTRIBUTING FACTOR - RTE 7 NB		
	Exit 8 On-ramp from Backus Ave/mall	Exit 8 Off-ramp to Park Ave
No Contributing Action	4	0
Ran Off Roadway	0	0
Failed to Grant Right-of-Way	0	0
Ran Red Light	0	1
Ran Stop Sign	0	0
Disregarded Other Traffic Sign	0	0
Disregarded Other Road Markings	0	0
Improper Turn	0	0
Improper Backing	0	1
Improper Passing	0	0
Wrong Side or Wrong Way	0	0
Following Too Closely	3	1
Failed to Keep in Proper Lane	1	0
Operated Vehicle in Reckless Aggressive Manner	0	0
Operated Motor Vehicle in Inattentive Manner	0	0
Swerved to Avoid Object	0	0
Over-Correcting	0	0
Overtaking Cyclist	0	0
N/A	3	2
Other	0	0

Table: Severity of Crash on RTE 7 NB Ramps

SEVERITY - RTE 7 NB		
	Exit 8 On-ramp from Backus Ave/mall	Exit 8 Off-ramp to Park Ave
Fatal	0	0
Injury	0	2
Property Damage Only (PDO)	11	3

Table: Lighting on RTE 7 NB Ramps

LIGHTING - RTE 7 NB		
	Exit 8 On-ramp from Backus Ave/mall	Exit 8 Off-ramp to Park Ave
Daylight	7	3
Dawn	0	0
Dusk	0	0
Dark-Lighted	4	2
Dark-Not Lighted	0	0
Dark Unknown Lighting	0	0
Other	0	0

Table: Pavement Conditions on RTE 7 NB Ramps

PAVEMENT - RTE 7 NB		
	Exit 8 On-ramp from Backus Ave/mall	Exit 8 Off-ramp to Park Ave
Dry	9	4
Wet	2	1
Snow	0	0
Slush	0	0
Ice/Frost	0	0
Moving Water	0	0
Sand	0	0
Mud, Dirt, Gravel	0	0
Oil	0	0
Standing Water	0	0
Other	0	0

Table: Trucks on RTE 7 NB Ramps

TRUCKS - RTE 7 NB		
	Exit 8 On-ramp from Backus Ave/mall	Exit 8 Off-ramp to Park Ave
Other Light Trucks	1	0
Medium/Heavy Trucks	0	0

Table: Crash Types at Termini

CRASH TYPE - Termini		
	Route 7 NB	
	NB Exit 8 On-ramp/SB Exit 8 Off-ramp at Backus Ave	NB Exit 8 Off-ramp at Backus & Park Ave
Overturn/Rollover	0	0
Other Non-Collision	0	0
Jackknife	0	0
Pedestrian	0	0
Bicycle	0	0
Other Non-Fixed Object	0	0
Animal	0	0
Fixed Object	0	1
Rear-End	13	3
Head-On	0	0
Angle	4	7
Sideswipe, Same Direction	3	1
Sideswipe, Opposite Direction	0	0
Backing	0	0
Not Applicable	0	0
*Other	0	0
**#N/A	2	0

Table: Main Contributing Factor at Termini

MAIN FACTOR - Termini		
	Route 7 NB	
	NB Exit 8 On-ramp/SB Exit 8 Off-ramp at Backus Ave	NB Exit 8 Off-ramp at Backus & Park Ave
*No Contributing Action	7	7
Ran Off Roadway	0	0
Failed to Grant Right-of-Way	0	0
Ran Red Light	0	1
Ran Stop Sign	0	0
Disregarded Other Traffic Sign	0	0
Disregarded Other Road Markings	0	0
Improper Turn	2	0
Improper Backing	0	0
Improper Passing	0	1
Wrong Side or Wrong Way	0	0
Following Too Closely	2	2
Failed to Keep in Proper Lane	0	0
Operated Vehicle in Reckless Aggressive Manner	0	0
Operated Motor Vehicle in Inattentive Manner	0	0
Swerved to Avoid Object	0	0
Over-Correcting	0	0
Overtaking Cyclist	0	0
N/A	11	1
**Other	0	0

Table: Severity of Crash at Termini

SEVERITY - Termini		
	Route 7 NB	
	NB Exit 8 On-ramp/SB Exit 8 Off-ramp at Backus Ave	NB Exit 8 Off-ramp at Backus & Park Ave
Fatal	0	0
Injury	6	4
Property Damage Only (PDO)	16	8

Table: Lighting Conditions at Termini

LIGHT - Termini		
	Route 7 NB	
	NB Exit 8 On-ramp/SB Exit 8 Off-ramp at Backus Ave	NB Exit 8 Off-ramp at Backus & Park Ave
Daylight	16	7
Dawn	0	0
Dusk	1	0
Dark-Lighted	5	4
Dark-Not Lighted	0	1
Dark Unknown Lighting	0	0
*Other	0	0

Table: Pavement Conditions at Termini

PAVEMENT - Termini		
	Route 7 NB	
	NB Exit 8 On-ramp/SB Exit 8 Off-ramp at Backus Ave	NB Exit 8 Off-ramp at Backus & Park Ave
Dry	19	10
Wet	3	2
Snow	0	0
Slush	0	0
Ice/Frost	0	0
Moving Water	0	0
Sand	0	0
Mud, Dirt, Gravel	0	0
Oil	0	0
Standing Water	0	0
*Other	0	0

Table: Trucks at Termini

TRUCKS - Termini		
	Route 7 NB	
	NB Exit 8 On-ramp/SB Exit 8 Off- ramp at Backus Ave	NB Exit 8 Off-ramp at Backus & Park Ave
Other Light Trucks	0	0
Medium/Heavy Trucks	0	1

Route 7 Southbound: Segments, Ramps, and Termini

Table: Crash Types on RTE 7 SB Segments

CRASH TYPE - RTE 7 SB					
	Segment 7 - 8	Segment 8 - I-84	Segment I-84 - 10	Segment I-84 - 11	Percent
Overturn/Rollover	1	0	0	0	0.79%
Other Non-Collision	0	0	0	2	1.57%
Jackknife	0	0	0	0	0.00%
Pedestrian	0	0	0	0	0.00%
Bicycle	0	0	0	0	0.00%
Other Non-Fixed Object	1	1	0	0	1.57%
Animal	0	0	0	0	0.00%
Fixed Object	1	1	1	2	3.94%
Rear-End	11	11	7	73	80.31%
Head-On	0	0	0	0	0.00%
Angle	0	0	0	2	1.57%
Sideswipe, Same Direction	1	4	2	5	9.45%
Sideswipe, Opposite Direction	1	0	0	0	0.79%
Backing	0	0	0	0	0.00%
Not Applicable	0	0	0	0	0.00%
Other	0	0	0	0	0.00%
#N/A	0	0	0	0	0.00%

Table: Main Contributing Factor on RTE 7 SB Segments

MAIN CONTRIBUTING FACTOR - RTE 7 SB				
	Segment 7 - 8	Segment 8 - I-84	Segment I-84 - 10	Segment I-84 - 11
No Contributing Action	7	4	4	36
Ran Off Roadway	0	0	0	0
Failed to Grant Right-of-Way	0	2	0	0
Ran Red Light	0	0	0	0
Ran Stop Sign	0	0	0	0
Disregarded Other Traffic Sign	0	0	0	0
Disregarded Other Road Markings	0	0	0	0
Improper Turn	0	0	0	1
Improper Backing	0	0	0	0
Improper Passing	0	0	0	1
Wrong Side or Wrong Way	0	0	0	0
Following Too Closely	1	2	3	22
Failed to Keep in Proper Lane	1	1	0	2
Operated Vehicle in Reckless Aggressive Manner	0	0	0	0
Operated Motor Vehicle in Inattentive Manner	0	0	0	0
Swerved to Avoid Object	0	0	0	0
Over-Correcting	1	0	0	0
Overtaking Cyclist	0	0	0	0
N/A	6	8	3	19
Other	0	0	0	3

Table: Severity of Crash on RTE 7 SB Segments

SEVERITY - RTE 7 SB				
	Segment 7 - 8	Segment 8 - I-84	Segment I-84 - 10	Segment I-84 - 11
Fatal	0	0	0	0
Injury	2	6	2	25
Property Damage Only (PDO)	14	11	8	59

Table: Lighting on RTE 7 SB Segments

LIGHTING - RTE 7 SB				
	Segment 7 - 8	Segment 8 - I-84	Segment I-84 - 10	Segment I-84 - 11
Daylight	11	12	8	70
Dawn	0	0	0	0
Dusk	0	0	0	1
Dark-Lighted	3	5	2	11
Dark-Not Lighted	1	0	0	1
Dark Unknown Lighting	0	0	0	1
Other	1	0	0	0

Table: Pavement Conditions on RTE 7 SB Segments

PAVEMENT - RTE 7 SB				
	Segment 7 - 8	Segment 8 - I-84	Segment I-84 - 10	Segment I-84 - 11
Dry	14	12	7	69
Wet	1	3	2	15
Snow	1	0	1	0
Slush	0	1	0	0
Ice/Frost	0	1	0	0
Moving Water	0	0	0	0
Sand	0	0	0	0
Mud, Dirt, Gravel	0	0	0	0
Oil	0	0	0	0
Standing Water	0	0	0	0
Other	0	0	0	0

Table: Trucks on RTE 7 SB Segments

TRUCKS - RTE 7 SB				
	Segment 7 - 8	Segment 8 - I-84	Segment I-84 - 10	Segment I-84 - 11
Other Light Trucks	0	1	0	5
Medium/Heavy Trucks	0	1	0	9

Table: Crash Types on RTE 7 SB Ramps

CRASH TYPE - RTE 7 SB			Percent
	Exit 8 Off-ramp to Backus Ave/Park Ave	Exit 10 On-ramp at Federal Rd	
Overturn/Rollover	0	1	2.94%
Other Non-Collision	0	0	0.00%
Jackknife	0	0	0.00%
Pedestrian	0	0	0.00%
Bicycle	0	0	0.00%
Other Non-Fixed Object	0	1	2.94%
Animal	0	0	0.00%
Fixed Object	3	2	14.71%
Rear-End	13	5	52.94%
Head-On	0	0	0.00%
Angle	3	1	11.76%
Sideswipe, Same Direction	2	2	11.76%
Sideswipe, Opposite Direction	0	0	0.00%
Backing	0	0	0.00%
Not Applicable	0	0	0.00%
Other	1	0	2.94%
#N/A	0	0	0.00%

Table: Main Contributing Factor on RTE 7 SB Ramps

MAIN CONTRIBUTING FACTOR - RTE 7 SB		
	Exit 8 Off-ramp to Backus Ave/Park Ave	Exit 10 On-ramp at Federal Rd
No Contributing Action	7	4
Ran Off Roadway	0	1
Failed to Grant Right-of-Way	0	0
Ran Red Light	0	0
Ran Stop Sign	0	0
Disregarded Other Traffic Sign	0	0
Disregarded Other Road Markings	0	0
Improper Turn	0	0
Improper Backing	0	0
Improper Passing	0	0
Wrong Side or Wrong Way	0	0
Following Too Closely	4	2
Failed to Keep in Proper Lane	2	1
Operated Vehicle in Reckless Aggressive Manner	0	0
Operated Motor Vehicle in Inattentive Manner	0	0
Swerved to Avoid Object	0	0
Over-Correcting	2	0
Overtaking Cyclist	0	0
N/A	7	1
Other	0	3

Table: Severity of Crash on RTE 7 SB Ramps

SEVERITY - RTE 7 SB		
	Exit 8 Off-ramp to Backus Ave/Park Ave	Exit 10 On-ramp at Federal Rd
Fatal	0	0
Injury	3	2
Property Damage Only (PDO)	19	10

Table: Lighting on RTE 7 SB Ramps

LIGHTING - RTE 7 SB		
	Exit 8 Off-ramp to Backus Ave/Park Ave	Exit 10 On-ramp at Federal Rd
Daylight	19	6
Dawn	0	0
Dusk	1	0
Dark-Lighted	2	4
Dark-Not Lighted	0	2
Dark Unknown Lighting	0	0
Other	0	0

Table: Pavement Conditions on RTE 7 SB Ramps

PAVEMENT - RTE 7 SB		
	Exit 8 Off-ramp to Backus Ave/Park Ave	Exit 10 On-ramp at Federal Rd
Dry	17	9
Wet	4	3
Snow	1	0
Slush	0	0
Ice/Frost	0	0
Moving Water	0	0
Sand	0	0
Mud, Dirt, Gravel	0	0
Oil	0	0
Standing Water	0	0
Other	0	0

Table: Trucks on RTE 7 SB Ramps

TRUCKS - RTE 7 SB		
	Exit 8 Off-ramp to Backus Ave/Park Ave	Exit 10 On-ramp at Federal Rd
Other Light Trucks	1	0
Medium/Heavy Trucks	1	1

Table: Crash Types at Termini

CRASH TYPE - Termini	
	Route 7 SB
	SB Exit 10 On-ramp at Federal Rd
Overturn/Rollover	0
Other Non-Collision	0
Jackknife	0
Pedestrian	0
Bicycle	0
Other Non-Fixed Object	0
Animal	0
Fixed Object	1
Rear-End	5
Head-On	0
Angle	1
Sideswipe, Same Direction	1
Sideswipe, Opposite Direction	0
Backing	0
Not Applicable	0
*Other	0
**#N/A	0

Table: Main Contributing Factor at Termini

MAIN FACTOR - Termini	
	Route 7 SB
	SB Exit 10 On-ramp at Federal Rd
*No Contributing Action	5
Ran Off Roadway	0
Failed to Grant Right-of-Way	0
Ran Red Light	0
Ran Stop Sign	0
Disregarded Other Traffic Sign	0
Disregarded Other Road Markings	0
Improper Turn	0
Improper Backing	0
Improper Passing	0
Wrong Side or Wrong Way	0
Following Too Closely	1
Failed to Keep in Proper Lane	0
Operated Vehicle in Reckless Aggressive Manner	0
Operated Motor Vehicle in Inattentive Manner	0
Swerved to Avoid Object	0
Over-Correcting	0
Overtaking Cyclist	0
N/A	1
**Other	1

Table: Severity of Crash at Termini

SEVERITY - Termini	
	Route 7 SB
	SB Exit 10 On-ramp at Federal Rd
Fatal	0
Injury	1
Property Damage Only (PDO)	7

Table: Lighting Conditions at Termini

LIGHT - Termini	
	Route 7 SB
	SB Exit 10 On-ramp at Federal Rd
Daylight	6
Dawn	0
Dusk	0
Dark-Lighted	2
Dark-Not Lighted	0
Dark Unknown Lighting	0
*Other	0

Table: Pavement Conditions at Termini

PAVEMENT - Termini	
	Route 7 SB
	SB Exit 10 On-ramp at Federal Rd
Dry	7
Wet	1
Snow	0
Slush	0
Ice/Frost	0
Moving Water	0
Sand	0
Mud, Dirt, Gravel	0
Oil	0
Standing Water	0
*Other	0

Table: Trucks at Termini

TRUCKS - Termini	
	Route 7 SB
	SB Exit 10 On-ramp at Federal Rd
Other Light Trucks	0
Medium/Heavy Trucks	2