

FILE

Submitted By: Chris Lacy Date: 8 / 8 / 12 Recommended: Randy L. Young Date: 8 / 8 / 12
 Engineer of Record

To: Brian Klauk
 Program / Project Manager

BASIS OF DESIGN EXCEPTION

- ☒ Request for Approval of Design Exceptions to AASHTO Guidelines
☒ Request for Approval of Design Exceptions from Standard SCDOT Procedures

PROJECT CHARACTERISTICS

County: CHEROKEE Rd. / Route: I-85 Const. Pin: 039094BR11
 From: MM 104.65 To: MM 104.83
 Length: Crest vertical curve over Norfolk S. RR MPO / COG Appalachian COG
 Work Type: Bridge Replacement
 Functional Classification: Principal Arterial - Rural Interstate

Group Designation: (1 ☐ / 2 ☐ / 3 ☐ / 4 ☐) (if applicable)

Type of Terrain: (Level ☐ / Rolling ☒ / Mountainous ☐)

Design Speed: 70 (mph)

<u>2012</u>	ADT	<u>49400</u>
<u>2032</u>	ADT	<u>70900</u>
TRUCKS <u>30</u> %		

CRASH ANALYSIS

(Attach additional sheets with accident history data)

TOTAL PROJECT ESTIMATE (\$) 10.2M

CHECK APPROPRIATE BOX(ES) FOR DESIGN EXCEPTIONS(S)

- | | | |
|--|---|---|
| <input type="checkbox"/> Design Speed | <input checked="" type="checkbox"/> Maximum Grade | <input type="checkbox"/> Travel Lane Width |
| <input type="checkbox"/> Horizontal Alignment | <input type="checkbox"/> Vertical Clearance | <input type="checkbox"/> Shoulder Width |
| <input type="checkbox"/> Minimum Radii | <input type="checkbox"/> Bridge Width | <input type="checkbox"/> Horizontal Clearances |
| <input type="checkbox"/> Vertical Alignment | <input type="checkbox"/> Structural Capacity | <input checked="" type="checkbox"/> Stopping Sight Distance |
| <input checked="" type="checkbox"/> Level SSD K-Values | <input type="checkbox"/> Superelevation Rate | |
| | <input type="checkbox"/> Cross Slope | |
| | <input type="checkbox"/> Travel Lanes | |
| | <input type="checkbox"/> Shoulders | |

DESCRIBE ELEMENT(S) FOR DESIGN EXCEPTION(S)

(Attach additional Sheets as needed) Stopping sight distance (SSD) is calculated to be 511' based on the vertical alignment of the subgrade (File 11.294). Based on values of SSD in the 2001 AASHTO Policy on Geometric Design of Highways and Streets and the 2003 Highway Design Manual 511' SSD (level grade) correlates to 56 mph. If adjusted for grade, 511' meets 53 mph. The existing 4.5% grade from sta. 2168+50 to sta. 2184+00 exceeds the maximum grade of 4% specified by 2005 AASHTO A Policy on Design Standards Interstate System. The Policy also specifies a design speed of 70 mph for rural interstates. See attachment for additional discussion.

JUSTIFICATION FOR DESIGN EXCEPTION(S)

(Attach additional Sheets as needed) The scope of this project is to replace the existing southbound and northbound bridges due to structural deficiencies. In order to meet current design standards for K value and maximum grade, the vertical alignment would require significant reconstruction in conjunction with a horizontal alignment shift to meet 70 mph. The existing vertical geometry at this location is consistent with other grades and curves along I-85 in Cherokee County. SCDOT performed a crash analysis for this section of I-85 and compared it to other interstate sections with similar geometry, ADT and other variables. Collision studies indicated the existing vertical geometry does not have a significant impact on crashes.

DESCRIBE STEPS TO ELIMINATE DESIGN EXCEPTION(S), INCLUDE COST

(Attach additional Sheets as needed) In order to meet AASHTO's Interstate Design Standards policy for rural interstates a design speed of 70 mph and a maximum grade of 4% would be required. Due to the traffic staging requirements a horizontal alignment shift would be required in order to flatten the grade and provide SSD for 70 mph. An additional 15-20' of embankment would be required to provide vertical clearance over the railroad. It is estimated the horizontal alignment would shift approximately 75' unless reinforced walls were used to retain the slopes. The cost for this work is estimated to be \$3.65M which does not include additional right of way costs.

HOW WILL FUTURE CONSTRUCTION IMPACT DESIGN EXCEPTION(S)?

(Attach additional Sheets as needed) Future construction would evaluate the need to improve vertical geometry to applicable standards at that time.

RECORD OF DECISION

☒ For
☐ Against

[Signature] 8 / 9 / 12
(Regional Design Manager /
Program Manager / DEA) Date

☒ For
☐ Against

[Signature] 8 / 14 / 12
(Regional Production Engineer) Date

☒ Approved
☐ Denied

[Signature] 8 / 15 / 12
(Director of Preconstruction) Date

☒ Concur

[Signature] 8 / 30 / 12
FHWA (NHS Routes > \$50 million & All Interstate)

cc:
Director of Preconstruction
FHWA
Preconstruction Support Engineer
Regional Production Group Engineer
District Engineering Administrator
Director of Traffic Engineering

Additional Information

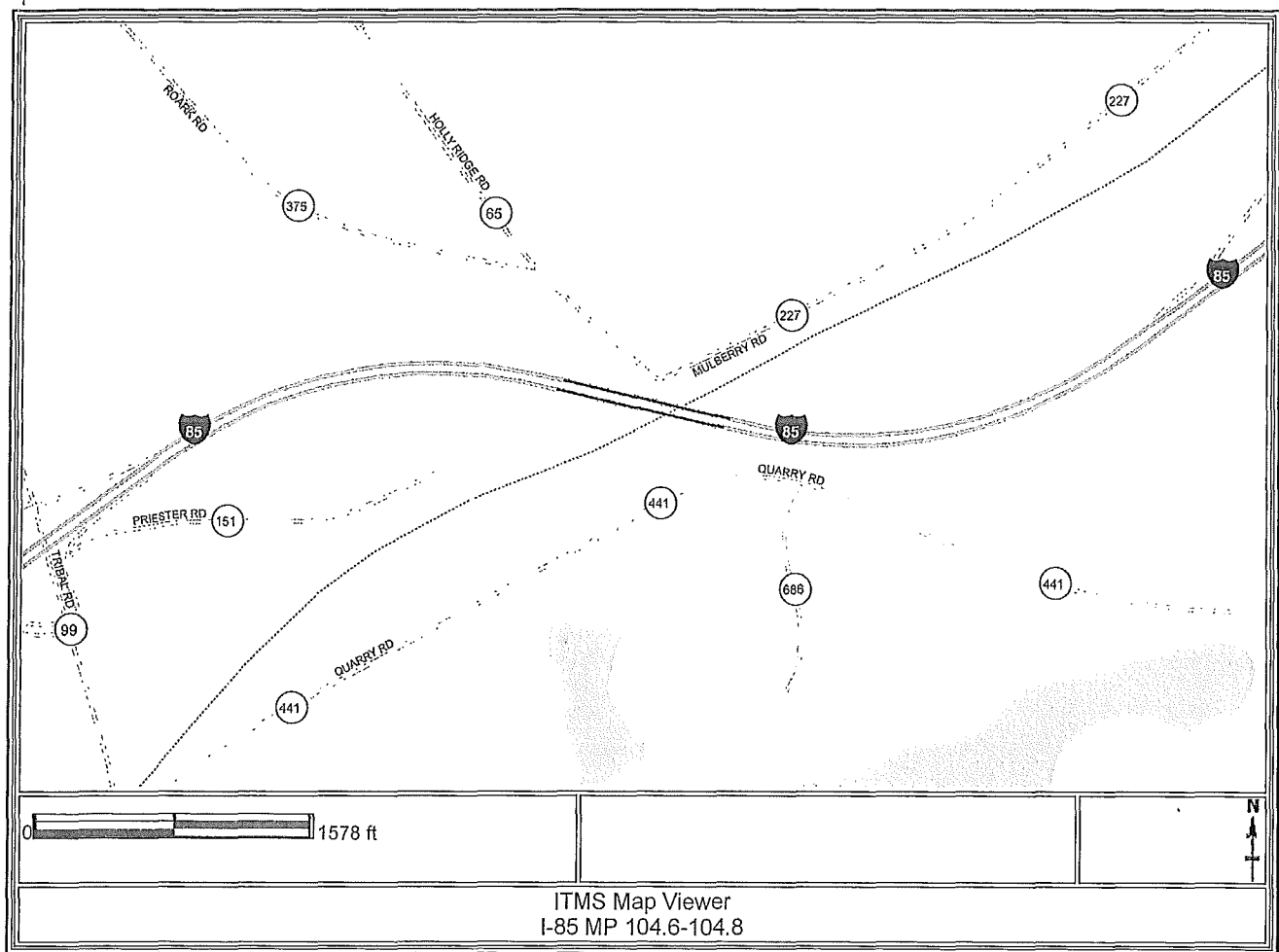
Interstate 85 was originally constructed in 1961. From review of the vertical alignment of I-85 in Cherokee County 9 grades exceed 4%. Of the nine, 3 exceed 5% of which 1 is 6%. The approach grades for this location are 4.5% northbound and 3% southbound. These grades are consistent with other vertical grades in Cherokee County.

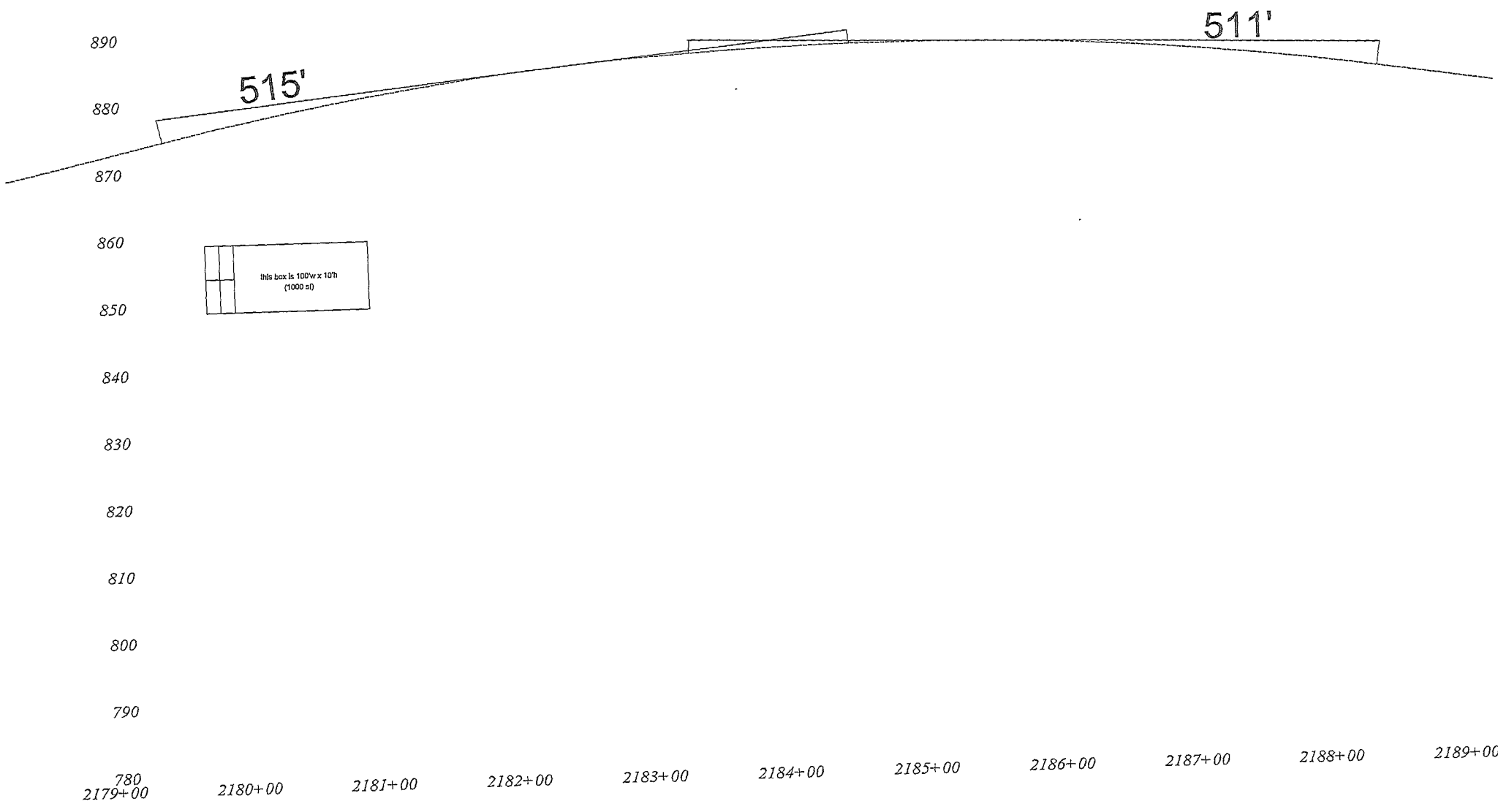
Maximum Grade – Thru discussions with Federal Highway Administration (FHWA) SCDOT reviewed the critical length of grade of I-85 at this location. The approaching grades of I-85 are 4.5% northbound and 3% southbound. Based on review of existing plans (File 11.294) the critical length of grade is exceeded for both northbound and southbound I-85. From review of the crash data at this location no records indicated rear end collision occurring that could be attributed to trucks slowing due to vertical geometry. An analysis of the truck-climbing lane warrants in HDM Section 12.4.1.2 (attached) shows that the warrants are not met to include a truck-climbing lane. Due to lack of crash history, the increased scope and cost of adding truck-climbing lanes to this project, the nature of the funding being bridge replacement, potential environmental and right of way impacts, it is recommended to proceed replacing the northbound and southbound bridge and reconstruct the approach roadway lanes without adding truck passing lanes. Mitigation strategies that will be implemented include rumble strips, breakaway safety hardware, paved shoulders, clear recovery area or barrier to prevent or reduce the severity of lane departure crashes.

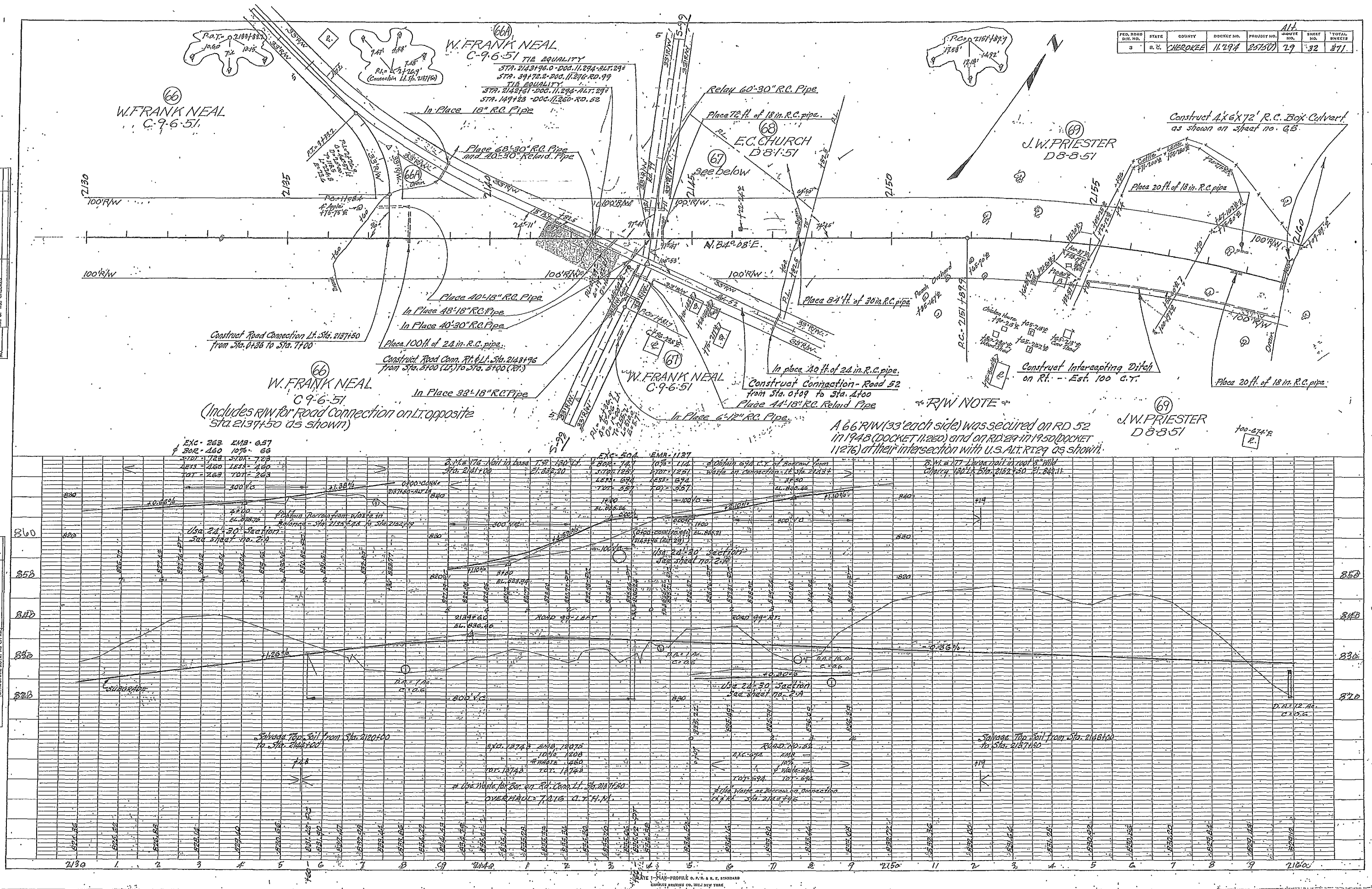
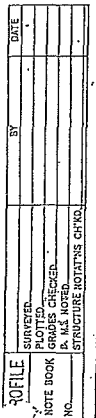
This design exception provides the Engineer of Record the ability to use up to a 4.5% grade from station 2168+50 to station 2184+00 (file 11.294) in order to tie to the existing alignments. Outside of this station range the vertical grade cannot exceed current standards. The Engineer of Record is also required to ensure mitigation strategies discussed above are included in the project.

Level Stopping Sight Distance K-values – Advance warning sign W7-6 “Hill Blocks View” with a speed advisory plaque was considered as mitigation. This advance warning sign in this instance are not deemed beneficial. The rare use of the W7-6 sign along the I-85 corridor in South Carolina and the remainder of the state may not adequately communicate to drivers of the sight distance restriction. Additionally, this sign typically mitigates for restricted sight distance in cases of intersecting roads or drives over the crest. Since access is controlled on I-85, there are no intersecting drives or roads. Mitigation includes standard shoulder widths for this type of facility that exceeds those for non-controlled access highways and clear recovery areas consistent with the roadside design guide.

This design exception provides the Engineer of Record the ability to utilize the existing stopping sight distance for the vertical curve at station 2184+00 (file 11.294) to replace the bridge over NS Railway. The Engineer of Record is also required to ensure mitigation strategies discussed above are included in the project.



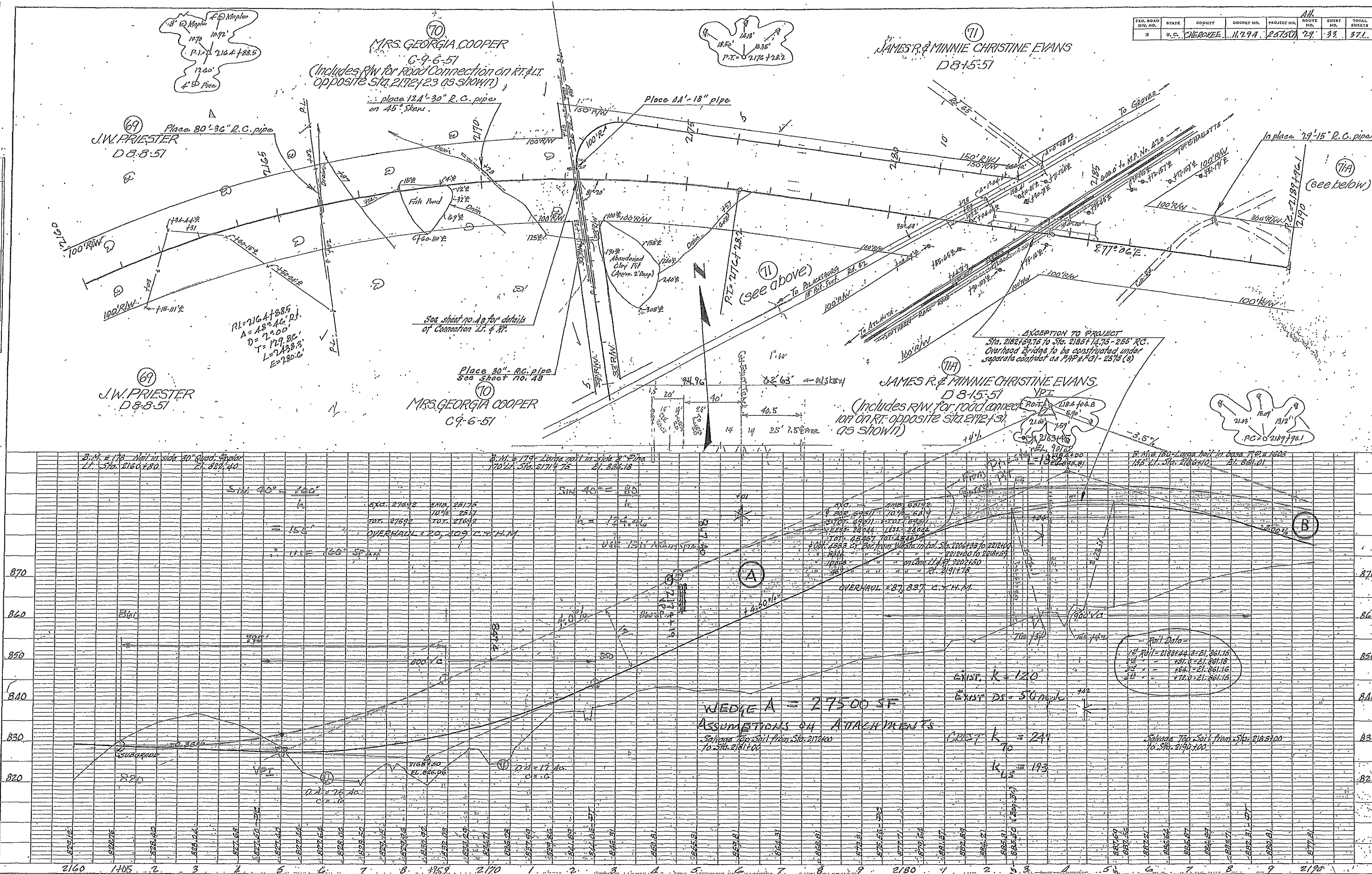


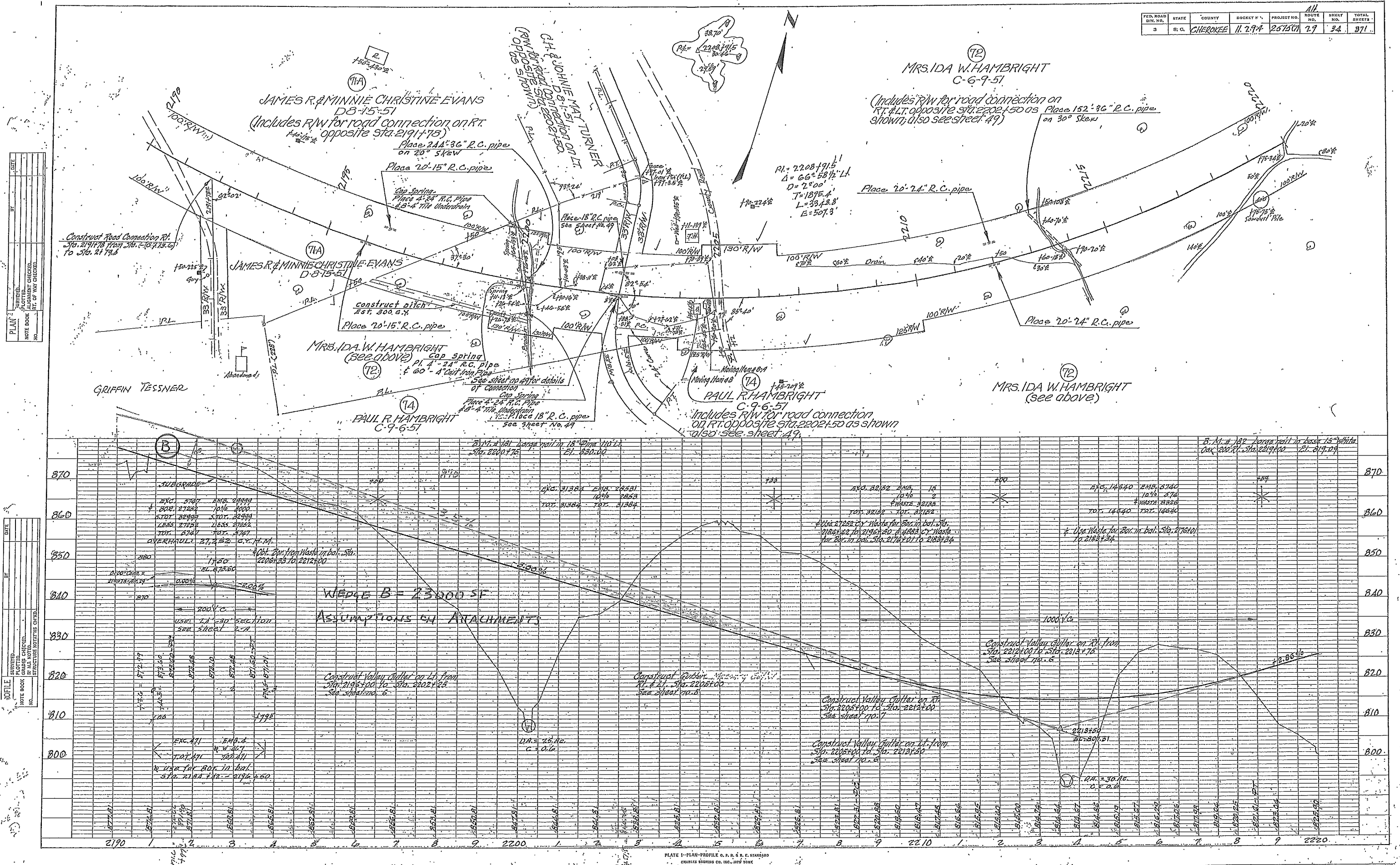


PLAN	DATE
DESIGNED	
PLOTTED	
CHECKED	
APPROVED	

FILE	DATE
DESIGNED	
PLOTTED	
CHECKED	
APPROVED	

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	CHEROKEE	11.294	25750	29	39	371

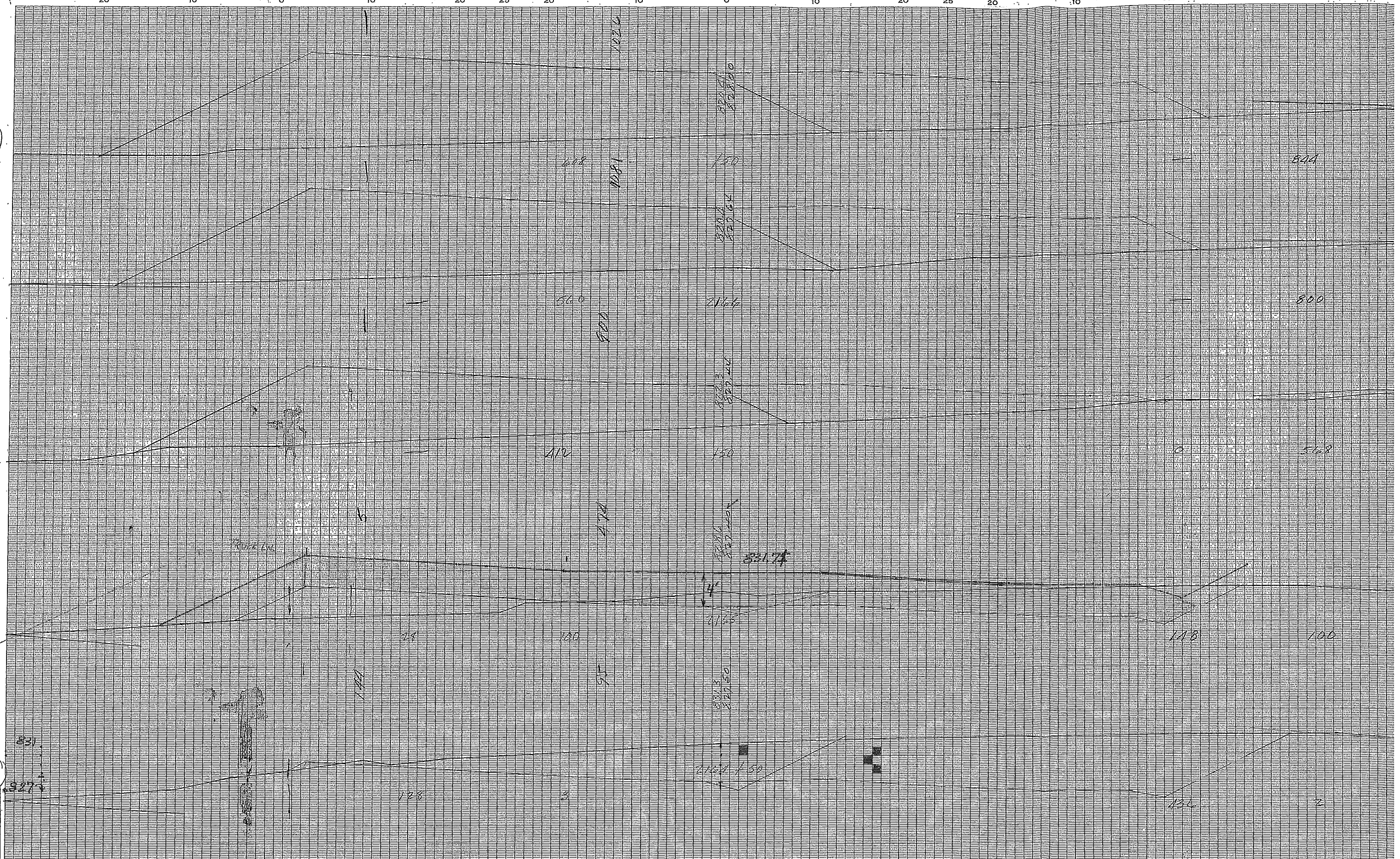




CROSS SECTION

SCALE 1 INCH = 5 FEET

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S. C.	Cherokee	11,294	25050	29	274



STAGE 2

~ 75'

CROSS SECTION

SCALE 1 INCH = 5 FEET

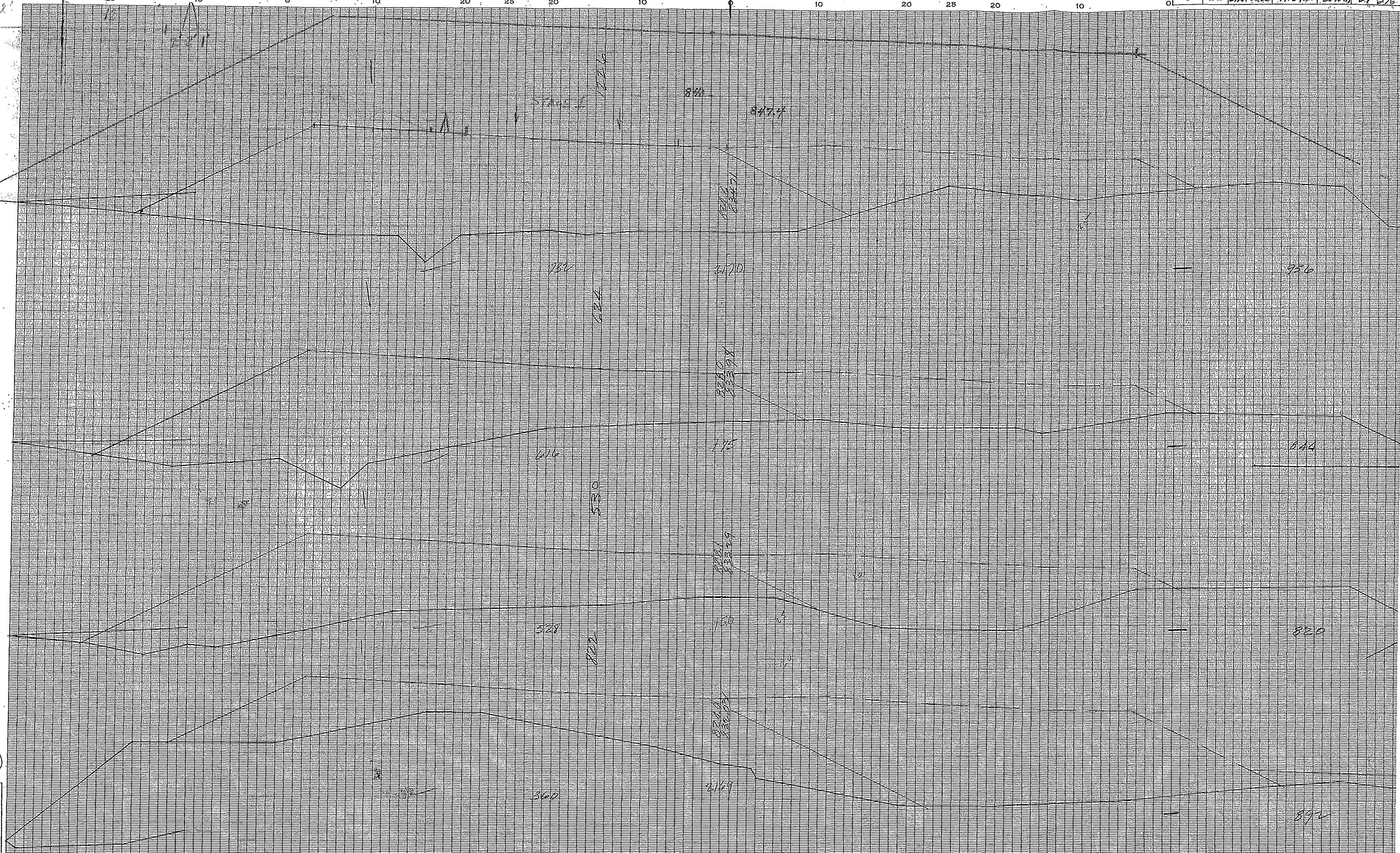
FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S. C.	Cherokee	11,294	25750	29	276

20 10 0 10 20 25 20 10 0 10 20 25 20 10

(1.31)

(1.37)

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CROSS SECTION SCALE 1 INCH=5 FEET

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-294	257511	29	279	371

20 10 0 10 20 25 20 10 0 10 20 25 20 10 0

22. 5048 on 21.1
344 21.27 + 85.2

2737

300.3
242.31

1816

2177

2975

3037

247.4
255.41

1441

2176

2410

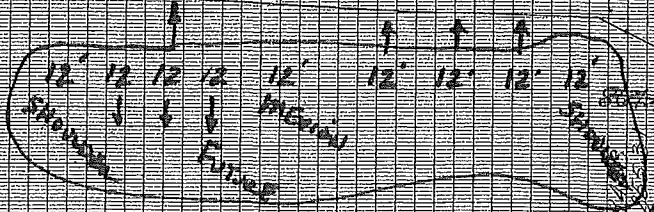
2412

247.4
255.41

873.27
1077

873.27
- 855.31
17.96'

$(17.96' \times 108') = 1949.28'$



2045

$(\frac{1}{2}) \times 231 = 115.5$

34

2175

1674

74

2175

2179

49

by
by
by
by

CHEROKEE I- 85 - MPT 104.000 - 105.000

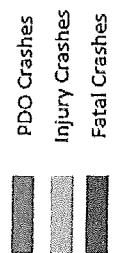
01/01/2007 - 12/31/2010 (4.0 years)

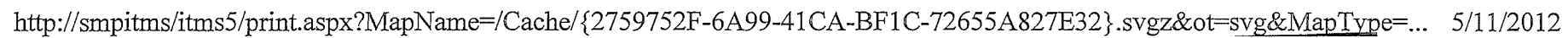
Generated by WILLIAMSCL on 10/19/2011

Total Crashes: 42

Fatality Crashes:	0	Rear End:	5
Injury Crashes:	5	Angle:	3
PDO Crashes:	37	Sideswipe:	4
		Head On:	0
Light Crashes:	21	Run Off Road:	27
Dark Crashes:	21	Other:	2
		Animal:	1
Dry Crashes:	18	Bicycle:	0
Wet Crashes:	24	Pedestrian:	0

AADT:	41600	Length:	1.000
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[illegible]



Section Crashes

MPT 104.000 to 104.100 (Stack #1)

Total Crashes: 3 Light: 2 Dark: 1 Dry: 2 Wet: 1 Fatalities: 0 Injuries: 0 PDO: 3

7003725	DAYLIGHT	ICE	INJ0	NOT COLLISION W/MOTOR VEHICLE
8131659	DAYLIGHT	DRY	INJ0	NOT COLLISION W/MOTOR VEHICLE
8144325	DARK (NO LIGHTS)	DRY	INJ0	NOT COLLISION W/MOTOR VEHICLE

11/10/10
ATTACHED

MPT 104.100 to 104.200 (Stack #2)

Total Crashes: 4 Light: 3 Dark: 1 Dry: 3 Wet: 1 Fatalities: 0 Injuries: 0 PDO: 4

7030549	DAYLIGHT	DRY	INJ0	NOT COLLISION W/MOTOR VEHICLE
8074462	DAYLIGHT	DRY	INJ0	NOT COLLISION W/MOTOR VEHICLE
8131534	DARK (NO LIGHTS)	DRY	INJ0	NOT COLLISION W/MOTOR VEHICLE
✓ 9054655	DAYLIGHT	WET	INJ0	REAR END

YES

MPT 104.200 to 104.300 (Stack #3)

Total Crashes: 11 Light: 4 Dark: 7 Dry: 2 Wet: 9 Fatalities: 0 Injuries: 2 PDO: 9

8027333	DARK (NO LIGHTS)	WET	INJ0	NOT COLLISION W/MOTOR VEHICLE
8045406	DARK (NO LIGHTS)	DRY	INJ0	REAR END
8074464	DAYLIGHT	DRY	INJ0	SIDESWIPE SAME DIRECTION
9038120	DARK (NO LIGHTS)	WET	INJ0	NOT COLLISION W/MOTOR VEHICLE
9071581	DAYLIGHT	WET	INJ0	NOT COLLISION W/MOTOR VEHICLE
9071582	DAYLIGHT	WET	INJ1	NOT COLLISION W/MOTOR VEHICLE
9118322	DARK (NO LIGHTS)	WET	INJ0	NOT COLLISION W/MOTOR VEHICLE
9145734	DAYLIGHT	WET	INJ0	NOT COLLISION W/MOTOR VEHICLE
10005653	DARK (NO LIGHTS)	WET	INJ0	NOT COLLISION W/MOTOR VEHICLE
✓ 10005654	DARK (NO LIGHTS)	WET	INJ0	REAR END
✓ 10130507	DARK (NO LIGHTS)	WET	INJ1	REAR END

YES

YES

MPT 104.300 to 104.400 (Stack #4)

Total Crashes: 4 Light: 2 Dark: 2 Dry: 1 Wet: 3 Fatalities: 0 Injuries: 0 PDO: 4

7000774	DARK (NO LIGHTS)	WET	INJ0	NOT COLLISION W/MOTOR VEHICLE
7021797	DARK (NO LIGHTS)	WET	INJ0	ANGLE 2
8142913	DAYLIGHT	WET	INJ0	NOT COLLISION W/MOTOR VEHICLE
10120136	DAYLIGHT	DRY	INJ0	NOT COLLISION W/MOTOR VEHICLE

MPT 104.400 to 104.500 (Stack #5)

Total Crashes: 4 Light: 1 Dark: 3 Dry: 4 Wet: 0 Fatalities: 0 Injuries: 1 PDO: 3

✓ 8112912	DAYLIGHT	DRY	INJ0	REAR END
8144326	DARK (NO LIGHTS)	ICE	INJ0	NOT COLLISION W/MOTOR VEHICLE
9000547	DARK (NO LIGHTS)	DRY	INJ0	NOT COLLISION W/MOTOR VEHICLE
10065281	DARK (NO LIGHTS)	DRY	INJ2	ANGLE 3

YES

MPT 104.500 to 104.600 (Stack #6)

Total Crashes: 1 Light: 0 Dark: 1 Dry: 1 Wet: 0 Fatalities: 0 Injuries: 0 PDO: 1

7001611	DARK (NO LIGHTS)	DRY	INJ0	NOT COLLISION W/MOTOR VEHICLE
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Section Crashes

MPT 104.600 to 104.700 (Stack #7)

Total Crashes: 2 Light: 2 Dark: 0 Dry: 0 Wet: 2 Fatalities: 0 Injuries: 0 PDO: 2

7003732	DAWN	ICE	INJ0	NOT COLLISION W/MOTOR VEHICLE
10151114	DAYLIGHT	WET	INJ0	NOT COLLISION W/MOTOR VEHICLE

MPT 104.700 to 104.800 (Stack #8)

Total Crashes: 7 Light: 2 Dark: 5 Dry: 2 Wet: 5 Fatalities: 0 Injuries: 2 PDO: 5

7017092	DARK (NO LIGHTS)	WET	INJ0	NOT COLLISION W/MOTOR VEHICLE	✓
7097708	DARK (NO LIGHTS)	DRY	INJ1	SIDESWIPE SAME DIRECTION	✓
9130212	DARK (STREET LAMP NOT LIT)	WET	INJ0	SIDESWIPE SAME DIRECTION	✓
9143535	DARK (NO LIGHTS)	SLUSH	INJ1	NOT COLLISION W/MOTOR VEHICLE	✓
10005655	DARK (NO LIGHTS)	WET	INJ0	NOT COLLISION W/MOTOR VEHICLE	✓
10125253	DAYLIGHT	WET	INJ0	NOT COLLISION W/MOTOR VEHICLE	✓
10151295	DAYLIGHT	DRY	INJ0	SIDESWIPE SAME DIRECTION	✓

MPT 104.800 to 104.900 (Stack #9)

Total Crashes: 5 Light: 4 Dark: 1 Dry: 3 Wet: 2 Fatalities: 0 Injuries: 0 PDO: 5

7000771	DARK (NO LIGHTS)	WET	INJ0	NOT COLLISION W/MOTOR VEHICLE	✓
9014114	DAYLIGHT	DRY	INJ0	NOT COLLISION W/MOTOR VEHICLE	✓
9029048	DAYLIGHT	DRY	INJ0	NOT COLLISION W/MOTOR VEHICLE	✓
10013088	DAYLIGHT	DRY	INJ0	NOT COLLISION W/MOTOR VEHICLE	✓
10131346	DUSK	WET	INJ0	REAR END	✓

MPT 104.900 to 105.000 (Stack #10)

Total Crashes: 1 Light: 1 Dark: 0 Dry: 0 Wet: 1 Fatalities: 0 Injuries: 0 PDO: 1

9030652	DAYLIGHT	WET	INJ0	NOT COLLISION W/MOTOR VEHICLE
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DPR USE ONLY 09054655		Page # 1		SOUTH CAROLINA TRAFFIC COLLISION REPORT FORM FD-904 (Rev. 5-22-01)		# Of <input checked="" type="checkbox"/> On <input type="checkbox"/> Off Classified		Arrested At Driver Report ASRU code 1658		Arrested At Driver Report ASRU code 1728			
Date 05/24/2009	Time 1650	County 11	Interstate 4-Secondary 2-US Primary 5-County 3-SC Primary		Collision Location (Rt. # / Name) 85		1-Main 6-Connection 2-Alternate 7-Business 5-Spur		Miles: 1 Dir. 2 Dir. 2.00		Jct./Year City or Town of B/20056ms		
Lane # / Dir. #1 CH SE N W		Distance Offset -30		Direction S W		Base Intersection (Rt. # / Name) 99		1-Main 6-Connection 2-Alternate 7-Business 5-Spur		1-Main 6-Connection 2-Alternate 7-Business 5-Spur		ASRU code MP1Gnd	
R.R. Id. NJA		From N E		To S W		Second Intersection (Rt. # / Name) 29		1-Main 6-Connection 2-Alternate 7-Business 5-Spur		1-Main 6-Connection 2-Alternate 7-Business 5-Spur		Latitude 35° 09' 32.40"	
From S W		To N E		1-Interstate 4-Secondary 2-US Primary 5-County 3-SC Primary 6-Other		Second Intersection (Rt. # / Name) 29		1-Main 6-Connection 2-Alternate 7-Business 5-Spur		1-Main 6-Connection 2-Alternate 7-Business 5-Spur		Longitude 91° 28' 36.30"	

Z-238981		Driver/Passenger's Full Name Alicia - Naomi	
Unit # 1	Sex F	Race A	Street 100 Buttercup Way Apt 90
Birth Date 02-10-1978		City, State, & Zip Laylors SC 29687	
State SC	Driver's License # 007801804	Insurance Company Peak Property Casualty	
Year 2004	Body SUV	Vehicle Make Ford	VIN # 1FMYU0315YK675233
State SC	Year 2004	License Plate # AW152	Owner's D.L. # 007801804
Home Telephone 803-716-3008		Owner's Full Name Alicia - Naomi	
Bus. Telephone N/A		Street 100 Buttercup Way Apt 90	
Contributed To Collision No		City, State, & Zip Laylors SC 29687	
Estimated Speed 50	Speed Limit 65	C.D.L. Rsg. Yes (No) N/A	T/D S Rsg. Yes (No) N/A
Coded Summons # N/A		Code Titled By ATIS Busing	

Z-238982		Driver/Passenger's Full Name Legally Parked	
Unit # 2	Sex M	Race 	Street
Birth Date 		City, State, & Zip 	
State 	Driver's License # 	Insurance Company Peak Property Casualty	
Year 1998	Body Truck	Vehicle Make Dodge	VIN # 7B3BAU52N8WE140078
State SC	Year 2000	License Plate # DL6449	Owner's D.L. # 101060145
Home Telephone 803-491-6020		Owner's Full Name Wiseman Kyron Kennedy	
Bus. Telephone N/A		Street 3214 Chesnee Hwy	
Contributed To Collision Yes		City, State, & Zip Gaffney SC 29341	
Estimated Speed 0	Speed Limit 65	C.D.L. Rsg. Yes (No) N/A	T/D S Rsg. Yes (No) N/A
Coded Summons # N/A		Code Titled By Patterson's	

Z-238983		Driver/Passenger's Full Name	
Unit # A	Sex M	Race 	Street
Birth Date 		City, State, & Zip 	
State 	Driver's License # 	Insurance Company 	
Year 	Body 	Vehicle Make 	VIN #
Dir. of Travel: Unit 1: (N) S E W Unit 2: (N) S E W Unit 3: N S E W			

Contributed To Collision No		City, State, & Zip 	
Estimated Speed 	Speed Limit 	C.D.L. Rsg. Yes (No) 	T/D S Rsg. Yes (No)
Coded Summons # 		Code Titled By 	

Diagram illustrating the accident scene. Unit 1 (Truck) is driving north on the highway. Unit 2 (Car) is driving south on the highway. Unit 1 has struck Unit 2. A water truck is also shown on the highway.

Photo: Describe What Happened (Refer to Units by Number)
Unit one was traveling north on I-85
Driver of unit one driving to fast for conditions
hydroplane after striking a heavy amount of
water off highway. Unit one out of control
struck unit two in the rear. Unit two
was a legally parked vehicle in the north
bound emergency lane of I-85.

Signature of Reporting Officer: **FREEBIE - E**

Signature of Driver: **Ken - J**

Date: **05/24/2009**

Time: **1650**

Rank: **Col**

Internal Agency Code: **075914**

Unit	Date of Birth	Sex	Race	NU	Start	RSD	Adj	Eac	LAI	Trn	Name	Street Address	Zip Code
1	02-10-1975	F	H	01	01	13	4/3	1	1	2			
1	05-20-1994	M	H	01	01	13	4/3	1	1	2			
1	11-11-1997	M	H	01	06	13	4/2	1	1	2			
2	03-10-1969	F	W	01	01	13	4/2	1	1	2			

Race	A - Asian/Pacific Islander	W - Caucasian	U - Other	of Injury Status	2- Non-Incapacitating	Seating Loc.	20- Pedestrian	60- Sleeper of Cab	Restraint/Safety Device
B - African American	H - Hispanic	U - Other	0- Not Injured	3- Incapacitating	01 02 03	20- Training Unit	70- Riding on Unit Exterior	00- None Used	21- Child
A - American Native or American Indian	U - Other	0- Not Injured	01 02 03	3- Incapacitating	04 05 06	40- Bus Van (4th row or Higher)	80- Lap	11- Shoulder Belt Only	31- Safety Seat
Alt. Air Deployment / Survival	Ejection	Head Injury	07 08 09	3- Incapacitating	01 02 03	50- Other Enclosed (permitted)	90- Uni-RA	12- Lap Rest Only	61- Other
1- Deployed From Aerial Deployed	1- Not Ejected	Head Injury	1- Yes	3- Incapacitating	04 05 06	51- Other Unenclosed Area (Installing)		13- Shoulder 5 Lap Rest	62- Other
2- Deployed Side 7-Not Air Deployable	2- Post. Ejected	Location After Impact	1- Not Trapped	3- Incapacitating	07 08 09	01- Transported to Medical Facility		31- Unknown	63- Restraint/Crash
3- Deployed Both 8-Deployment Unit	3- Tot. Ejected	1- Not Trapped	2- Ejected (Mechanical Means)	3- Incapacitating		02- By	1- EMS 2- Police 3- Other 5- Unit	31- Unknown	63- Restraint/Crash
4- Switch in On Position 9- No Switch	4- Not App.	Sequence of Events	2- Ejected (Mechanical Means)	3- Incapacitating				41- Protective Pads 61- Latching	
5- Switch in Off Position 9- Unknown	5- Unit								

Non-Collision	01- Equipment Failure	02- Equipment Failure	03- Equipment Failure	04- Equipment Failure	05- Equipment Failure	06- Equipment Failure	07- Equipment Failure	08- Equipment Failure	09- Equipment Failure	10- Equipment Failure	11- Equipment Failure	12- Equipment Failure	13- Equipment Failure	14- Equipment Failure	15- Equipment Failure	16- Equipment Failure	17- Equipment Failure	18- Equipment Failure	19- Equipment Failure	20- Equipment Failure	21- Equipment Failure	22- Equipment Failure	23- Equipment Failure	24- Equipment Failure	25- Equipment Failure	26- Equipment Failure	27- Equipment Failure	28- Equipment Failure	29- Equipment Failure	30- Equipment Failure	31- Equipment Failure	32- Equipment Failure	33- Equipment Failure	34- Equipment Failure	35- Equipment Failure	36- Equipment Failure	37- Equipment Failure	38- Equipment Failure	39- Equipment Failure	40- Equipment Failure	41- Equipment Failure	42- Equipment Failure	43- Equipment Failure	44- Equipment Failure	45- Equipment Failure	46- Equipment Failure	47- Equipment Failure	48- Equipment Failure	49- Equipment Failure	50- Equipment Failure	51- Equipment Failure	52- Equipment Failure	53- Equipment Failure	54- Equipment Failure	55- Equipment Failure	56- Equipment Failure	57- Equipment Failure	58- Equipment Failure	59- Equipment Failure	60- Equipment Failure	61- Equipment Failure	62- Equipment Failure	63- Equipment Failure	64- Equipment Failure	65- Equipment Failure	66- Equipment Failure	67- Equipment Failure	68- Equipment Failure	69- Equipment Failure	70- Equipment Failure	71- Equipment Failure	72- Equipment Failure	73- Equipment Failure	74- Equipment Failure	75- Equipment Failure	76- Equipment Failure	77- Equipment Failure	78- Equipment Failure	79- Equipment Failure	80- Equipment Failure	81- Equipment Failure	82- Equipment Failure	83- Equipment Failure	84- Equipment Failure	85- Equipment Failure	86- Equipment Failure	87- Equipment Failure	88- Equipment Failure	89- Equipment Failure	90- Equipment Failure	91- Equipment Failure	92- Equipment Failure	93- Equipment Failure	94- Equipment Failure	95- Equipment Failure	96- Equipment Failure	97- Equipment Failure	98- Equipment Failure	99- Equipment Failure	100- Equipment Failure
01- Cargo/Load Shift or Shift	02- Fire/Explosion 03- Overturn/Rollover	04- Fire/Explosion 03- Overturn/Rollover	05- Fire/Explosion 03- Overturn/Rollover	06- Fire/Explosion 03- Overturn/Rollover	07- Fire/Explosion 03- Overturn/Rollover	08- Fire/Explosion 03- Overturn/Rollover	09- Fire/Explosion 03- Overturn/Rollover	10- Fire/Explosion 03- Overturn/Rollover	11- Fire/Explosion 03- Overturn/Rollover	12- Fire/Explosion 03- Overturn/Rollover	13- Fire/Explosion 03- Overturn/Rollover	14- Fire/Explosion 03- Overturn/Rollover	15- Fire/Explosion 03- Overturn/Rollover	16- Fire/Explosion 03- Overturn/Rollover	17- Fire/Explosion 03- Overturn/Rollover	18- Fire/Explosion 03- Overturn/Rollover	19- Fire/Explosion 03- Overturn/Rollover	20- Fire/Explosion 03- Overturn/Rollover	21- Fire/Explosion 03- Overturn/Rollover	22- Fire/Explosion 03- Overturn/Rollover	23- Fire/Explosion 03- Overturn/Rollover	24- Fire/Explosion 03- Overturn/Rollover	25- Fire/Explosion 03- Overturn/Rollover	26- Fire/Explosion 03- Overturn/Rollover	27- Fire/Explosion 03- Overturn/Rollover	28- Fire/Explosion 03- Overturn/Rollover	29- Fire/Explosion 03- Overturn/Rollover	30- Fire/Explosion 03- Overturn/Rollover	31- Fire/Explosion 03- Overturn/Rollover	32- Fire/Explosion 03- Overturn/Rollover	33- Fire/Explosion 03- Overturn/Rollover	34- Fire/Explosion 03- Overturn/Rollover	35- Fire/Explosion 03- Overturn/Rollover	36- Fire/Explosion 03- Overturn/Rollover	37- Fire/Explosion 03- Overturn/Rollover	38- Fire/Explosion 03- Overturn/Rollover	39- Fire/Explosion 03- Overturn/Rollover	40- Fire/Explosion 03- Overturn/Rollover	41- Fire/Explosion 03- Overturn/Rollover	42- Fire/Explosion 03- Overturn/Rollover	43- Fire/Explosion 03- Overturn/Rollover	44- Fire/Explosion 03- Overturn/Rollover	45- Fire/Explosion 03- Overturn/Rollover	46- Fire/Explosion 03- Overturn/Rollover	47- Fire/Explosion 03- Overturn/Rollover	48- Fire/Explosion 03- Overturn/Rollover	49- Fire/Explosion 03- Overturn/Rollover	50- Fire/Explosion 03- Overturn/Rollover	51- Fire/Explosion 03- Overturn/Rollover	52- Fire/Explosion 03- Overturn/Rollover	53- Fire/Explosion 03- Overturn/Rollover	54- Fire/Explosion 03- Overturn/Rollover	55- Fire/Explosion 03- Overturn/Rollover	56- Fire/Explosion 03- Overturn/Rollover	57- Fire/Explosion 03- Overturn/Rollover	58- Fire/Explosion 03- Overturn/Rollover	59- Fire/Explosion 03- Overturn/Rollover	60- Fire/Explosion 03- Overturn/Rollover	61- Fire/Explosion 03- Overturn/Rollover	62- Fire/Explosion 03- Overturn/Rollover	63- Fire/Explosion 03- Overturn/Rollover	64- Fire/Explosion 03- Overturn/Rollover	65- Fire/Explosion 03- Overturn/Rollover	66- Fire/Explosion 03- Overturn/Rollover	67- Fire/Explosion 03- Overturn/Rollover	68- Fire/Explosion 03- Overturn/Rollover	69- Fire/Explosion 03- Overturn/Rollover	70- Fire/Explosion 03- Overturn/Rollover	71- Fire/Explosion 03- Overturn/Rollover	72- Fire/Explosion 03- Overturn/Rollover	73- Fire/Explosion 03- Overturn/Rollover	74- Fire/Explosion 03- Overturn/Rollover	75- Fire/Explosion 03- Overturn/Rollover	76- Fire/Explosion 03- Overturn/Rollover	77- Fire/Explosion 03- Overturn/Rollover	78- Fire/Exp																								

ORIGINAL

S.P.R. USE ONLY 10005654		Page # 1 of 1		SOUTH CAROLINA TRAFFIC COLLISION REPORT FORM TR-113 (Rev. 07/2001)		# Of Units 2	Amended - Month/Day of Original Report 07/01	Notified 2116	Arrived 2135
Date 07-24-2010	Time 2105	County 11	Interstate 4	Secondary 5	Collision Location (Rt. # / Name) 8 85	City 8	Distance 2.0	Miles 2.0	Off Near City or Town of: Blacksburg
From NA	To NA	Direction 18	Interstate 4	Secondary 5	Collision Location (Rt. # / Name) 99	City 99	Distance 2.0	Miles 2.0	Off Near City or Town of: Blacksburg
From NA	To NA	Direction 18	Interstate 4	Secondary 5	Collision Location (Rt. # / Name) 29	City 29	Distance 2.0	Miles 2.0	Off Near City or Town of: Blacksburg
Driver/Pedestrian's Full Name X-281164 Ndulka - Rose Mmatsi					Driver/Pedestrian's Full Name X-281165 Browning - Jamie Lee				
Unit # 1	Sex F	Race B	Street 2741 Fairstone Ave.	City, State, & Zip Charlotte NC 28269	Unit # 2	Sex F	Race W	Street 7565 McHett Rd Lot 8	City, State, & Zip Mobile AL 36618
State NC	Driver's License # 21273736	Insurance Company Liberty Mutual	Year 2002	Body 45 Chevy	State AL	Driver's License # 7642018	Insurance Company ALFA Mutual	Year 2003	Body 50V Buick
State NC	Year 2010	License Plate # BAFANA	Owner's D.L. # 21223236	Owner's Full Name Ndulka - Rose Mmatsi	State AL	Year 2003	License Plate # 2A35C19	Owner's D.L. # 7642018	Owner's Full Name Browning - Jamie Lee
Home Telephone (704) 466 5140	Business Telephone (704) 466 5140	Contributed To Collision Yes	City, State, & Zip Charlotte NC 28269	Home Telephone (251) 366 9911	Business Telephone (251) 366 9911	Contributed To Collision No	City, State, & Zip Mobile AL 36618	Home Telephone (251) 366 9911	Business Telephone (251) 366 9911
Estimated Speed 65	Speed Limit NA	C.D.L. Rec. Yes (No) NA	T/B S Rec. Yes (No) NA	Alcohol Info (see back): Yes (No) NA	Estimated Speed 60	Speed Limit 65	C.D.L. Rec. Yes (No) NA	T/B S Rec. Yes (No) NA	Alcohol Info (see back): Yes (No) NA
Driver/Pedestrian's Full Name X-281166					Driver/Pedestrian's Full Name FEB 01 2010				
Unit # 1	Sex M	Race W	Street 2741 Fairstone Ave.	City, State, & Zip Charlotte NC 28269	Unit # 2	Sex M	Race W	Street 7565 McHett Rd Lot 8	City, State, & Zip Mobile AL 36618
State NC	Driver's License # 21273736	Insurance Company Liberty Mutual	Year 2002	Body 45 Chevy	State AL	Driver's License # 7642018	Insurance Company ALFA Mutual	Year 2003	Body 50V Buick
State NC	Year 2010	License Plate # BAFANA	Owner's D.L. # 21223236	Owner's Full Name Ndulka - Rose Mmatsi	State AL	Year 2003	License Plate # 2A35C19	Owner's D.L. # 7642018	Owner's Full Name Browning - Jamie Lee
Home Telephone (704) 466 5140	Business Telephone (704) 466 5140	Contributed To Collision Yes	City, State, & Zip Charlotte NC 28269	Home Telephone (251) 366 9911	Business Telephone (251) 366 9911	Contributed To Collision No	City, State, & Zip Mobile AL 36618	Home Telephone (251) 366 9911	Business Telephone (251) 366 9911
Estimated Speed 65	Speed Limit NA	C.D.L. Rec. Yes (No) NA	T/B S Rec. Yes (No) NA	Alcohol Info (see back): Yes (No) NA	Estimated Speed 60	Speed Limit 65	C.D.L. Rec. Yes (No) NA	T/B S Rec. Yes (No) NA	Alcohol Info (see back): Yes (No) NA
Dir. of Travel: Unit 1: (N) S E W Unit 2: (N) S E W Unit 3: N S E W					Unit 1 Dam. Unit 2 Dam. Unit 3 Dam. Prop. Dam. 1 Prop. Dam. 2				
					<p>Unit 1 Dam. \$2500 Unit 2 Dam. \$3000 Unit 3 Dam. \$NA Prop. Dam. 1 \$NA Prop. Dam. 2 \$NA</p> <p>Property Owner/Address: SC DOT 1868 Old Georgia Hwy Gaffney</p> <p>Address: SC 29740 (864) 485-2844</p> <p>Photo: Describe What Happened (Refer to Units by Number)</p> <p>Y N Unit #1 stopped in the median frame.</p> <p>previous collision. Unit #2 traveling north on I 85. Driver of Unit #2 due to driving too fast for conditions, (inattention) ran off road left and struck unit #1 and the cable barrier.</p>				
<p>NOTICE: THE DRIVERS OR STATISTICAL REPORTING PURPOSES ONLY. THIS IS A COLLECTION OF THE OFFICER'S BEST KNOWLEDGE, OPINION, AND BELIEF COVERING THE COLLISION. NO WARRANTY IS MADE AS TO THE FACTUAL ACCURACY OF THIS REPORT.</p> <p>Investigating Officer's Name: Diana BS Rank: Sgt Badge #: 752 Code: 140100 Date: 07-24-2010 (Reporter's Name) Key-AL (Cpt) 013336</p>									

Unit	Date of Birth	Sex	Race	PL	Seat	Rest	ASD	ARR	Eject	LAI	Tran	Name	Street Address	Zip Code
1	08-23-1973	F	B	01	13	13	13	13	13	13	13			
2	08-31-1971	F	W	01	13	13	13	13	13	13	13			
<p>Race: A - Asian/Pacific Islander W - Caucasian O - Other D - Not Injured 2 - Non-incapacitating 3 - Incapacitating 4 - Fatal 5 - Possible 6 - Unknown</p> <p>Seatbelt: 1 - Not Worn 2 - Worn 3 - Not Worn 4 - Worn 5 - Not Worn 6 - Worn 7 - Not Worn 8 - Worn 9 - Not Worn 10 - Worn 11 - Not Worn 12 - Worn 13 - Not Worn 14 - Worn 15 - Not Worn 16 - Worn 17 - Not Worn 18 - Worn 19 - Not Worn 20 - Worn 21 - Not Worn 22 - Worn 23 - Not Worn 24 - Worn 25 - Not Worn 26 - Worn 27 - Not Worn 28 - Worn 29 - Not Worn 30 - Worn 31 - Not Worn 32 - Worn 33 - Not Worn 34 - Worn 35 - Not Worn 36 - Worn 37 - Not Worn 38 - Worn 39 - Not Worn 40 - Worn 41 - Not Worn 42 - Worn 43 - Not Worn 44 - Worn 45 - Not Worn 46 - Worn 47 - Not Worn 48 - Worn 49 - Not Worn 50 - Worn 51 - Not Worn 52 - Worn 53 - Not Worn 54 - Worn 55 - Not Worn 56 - Worn 57 - Not Worn 58 - Worn 59 - Not Worn 60 - Worn 61 - Not Worn 62 - Worn 63 - Not Worn 64 - Worn 65 - Not Worn 66 - Worn 67 - Not Worn 68 - Worn 69 - Not Worn 70 - Worn 71 - Not Worn 72 - Worn 73 - Not Worn 74 - Worn 75 - Not Worn 76 - Worn 77 - Not Worn 78 - Worn 79 - Not Worn 80 - Worn 81 - Not Worn 82 - Worn 83 - Not Worn 84 - Worn 85 - Not Worn 86 - Worn 87 - Not Worn 88 - Worn 89 - Not Worn 90 - Worn 91 - Not Worn 92 - Worn 93 - Not Worn 94 - Worn 95 - Not Worn 96 - Worn 97 - Not Worn 98 - Worn 99 - Not Worn 100 - Worn 101 - Not Worn 102 - Worn 103 - Not Worn 104 - Worn 105 - Not Worn 106 - Worn 107 - Not Worn 108 - Worn 109 - Not Worn 110 - Worn 111 - Not Worn 112 - Worn 113 - Not Worn 114 - Worn 115 - Not Worn 116 - Worn 117 - Not Worn 118 - Worn 119 - Not Worn 120 - Worn 121 - Not Worn 122 - Worn 123 - Not Worn 124 - Worn 125 - Not Worn 126 - Worn 127 - Not Worn 128 - Worn 129 - Not Worn 130 - Worn 131 - Not Worn 132 - Worn 133 - Not Worn 134 - Worn 135 - Not Worn 136 - Worn 137 - Not Worn 138 - Worn 139 - Not Worn 140 - Worn 141 - Not Worn 142 - Worn 143 - Not Worn 144 - Worn 145 - Not Worn 146 - Worn 147 - Not Worn 148 - Worn 149 - Not Worn 150 - Worn 151 - Not Worn 152 - Worn 153 - Not Worn 154 - Worn 155 - Not Worn 156 - Worn 157 - Not Worn 158 - Worn 159 - Not Worn 160 - Worn 161 - Not Worn 162 - Worn 163 - Not Worn 164 - Worn 165 - Not Worn 166 - Worn 167 - Not Worn 168 - Worn 169 - Not Worn 170 - Worn 171 - Not Worn 172 - Worn 173 - Not Worn 174 - Worn 175 - Not Worn 176 - Worn 177 - Not Worn 178 - Worn 179 - Not Worn 180 - Worn 181 - Not Worn 182 - Worn 183 - Not Worn 184 - Worn 185 - Not Worn 186 - Worn 187 - Not Worn 188 - Worn 189 - Not Worn 190 - Worn 191 - Not Worn 192 - Worn 193 - Not Worn 194 - Worn 195 - Not Worn 196 - Worn 197 - Not Worn 198 - Worn 199 - Not Worn 200 - Worn 201 - Not Worn 202 - Worn 203 - Not Worn 204 - Worn 205 - Not Worn 206 - Worn 207 - Not Worn 208 - Worn 209 - Not Worn 210 - Worn 211 - Not Worn 212 - Worn 213 - Not Worn 214 - Worn 215 - Not Worn 216 - Worn 217 - Not Worn 218 - Worn 219 - Not Worn 220 - Worn 221 - Not Worn 222 - Worn 223 - Not Worn 224 - Worn 225 - Not Worn 226 - Worn 227 - Not Worn 228 - Worn 229 - Not Worn 230 - Worn 231 - Not Worn 232 - Worn 233 - Not Worn 234 - Worn 235 - Not Worn 236 - Worn 237 - Not Worn 238 - Worn 239 - Not Worn 240 - Worn 241 - Not Worn 242 - Worn 243 - Not Worn 244 - Worn 245 - Not Worn 246 - Worn 247 - Not Worn 248 - Worn 249 - Not Worn 250 - Worn 251 - Not Worn 252 - Worn 253 - Not Worn 254 - Worn 255 - Not Worn 256 - Worn 257 - Not Worn 258 - Worn 259 - Not Worn 260 - Worn 261 - Not Worn 262 - Worn 263 - Not Worn 264 - Worn 265 - Not Worn 266 - Worn 267 - Not Worn 268 - Worn 269 - Not Worn 270 - Worn 271 - Not Worn 272 - Worn 273 - Not Worn 274 - Worn 275 - Not Worn 276 - Worn 277 - Not Worn 278 - Worn 279 - Not Worn 280 - Worn 281 - Not Worn 282 - Worn 283 - Not Worn 284 - Worn 285 - Not Worn 286 - Worn 287 - Not Worn 288 - Worn 289 - Not Worn 290 - Worn 291 - Not Worn 292 - Worn 293 - Not Worn 294 - Worn 295 - Not Worn 296 - Worn 297 - Not Worn 298 - Worn 299 - Not Worn 300 - Worn 301 - Not Worn 302 - Worn 303 - Not Worn 304 - Worn 305 - Not Worn 306 - Worn 307 - Not Worn 308 - Worn 309 - Not Worn 310 - Worn 311 - Not Worn 312 - Worn 313 - Not Worn 314 - Worn 315 - Not Worn 316 - Worn 317 - Not Worn 318 - Worn 319 - Not Worn 320 - Worn 321 - Not Worn 322 - Worn 323 - Not Worn 324 - Worn 325 - Not Worn 326 - Worn 327 - Not Worn 328 - Worn 329 - Not Worn 330 - Worn 331 - Not Worn 332 - Worn 333 - Not Worn 334 - Worn 335 - Not Worn 336 - Worn 337 - Not Worn 338 - Worn 339 - Not Worn 340 - Worn 341 - Not Worn 342 - Worn 343 - Not Worn 344 - Worn 345 - Not Worn 346 - Worn 347 - Not Worn 348 - Worn 349 - Not Worn 350 - Worn 351 - Not Worn 352 - Worn 353 - Not Worn 354 - Worn 355 - Not Worn 356 - Worn 357 - Not Worn 358 - Worn 359 - Not Worn 360 - Worn 361 - Not Worn 362 - Worn 363 - Not Worn 364 - Worn 365 - Not Worn 366 - Worn 367 - Not Worn 368 - Worn 369 - Not Worn 370 - Worn 371 - Not Worn 372 - Worn 373 - Not Worn 374 - Worn 375 - Not Worn 376 - Worn 377 - Not Worn 378 - Worn 379 - Not Worn 380 - Worn 381 - Not Worn 382 - Worn 383 - Not Worn 384 - 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Worn 463 - Not Worn 464 - Worn 465 - Not Worn 466 - Worn 467 - Not Worn 468 - Worn 469 - Not Worn 470 - Worn 471 - Not Worn 472 - Worn 473 - Not Worn 474 - Worn 475 - Not Worn 476 - Worn 477 - Not Worn 478 - Worn 479 - Not Worn 480 - Worn 481 - Not Worn 482 - Worn 483 - Not Worn 484 - Worn 485 - Not Worn 486 - Worn 487 - Not Worn 488 - Worn 489 - Not Worn 490 - Worn 491 - Not Worn 492 - Worn 493 - Not Worn 494 - Worn 495 - Not Worn 496 - Worn 497 - Not Worn 498 - Worn 499 - Not Worn 500 - Worn 501 - Not Worn 502 - Worn 503 - Not Worn 504 - Worn 505 - Not Worn 506 - Worn 507 - Not Worn 508 - Worn 509 - Not Worn 510 - Worn 511 - Not Worn 512 - Worn 513 - Not Worn 514 - Worn 515 - Not Worn 516 - Worn 517 - Not Worn 518 - Worn 519 - Not Worn 520 - Worn 521 - Not Worn 522 - Worn 523 - Not Worn 524 - Worn 525 - Not Worn 526 - Worn 527 - Not Worn 528 - Worn 529 - Not Worn 530 - Worn 531 - Not Worn 532 - Worn 533 - Not Worn 534 - Worn 535 - Not Worn 536 - Worn 537 - Not Worn 538 - Worn 539 - Not Worn 540 - Worn 541 - Not Worn 542 - Worn 543 - Not Worn 544 - Worn 545 - Not Worn 546 - Worn 547 - Not Worn 548 - Worn 549 - Not Worn 550 - Worn 551 - Not Worn 552 - Worn 553 - Not Worn 554 - Worn 555 - Not Worn 556 - Worn 557 - Not Worn 558 - Worn 559 - Not Worn 560 - Worn 561 - Not Worn 562 - Worn 563 - Not Worn 564 - Worn 565 - Not Worn 566 - Worn 567 - Not Worn 568 - Worn 569 - Not Worn 570 - Worn 571 - Not Worn 572 - Worn 573 - Not Worn 574 - Worn 575 - Not Worn 576 - Worn 577 - Not Worn 578 - Worn 579 - Not Worn 580 - Worn 581 - Not Worn 582 - Worn 583 - Not Worn 584 - Worn 585 - Not Worn 586 - Worn 587 - Not Worn 588 - Worn 589 - Not Worn 590 - Worn 591 - Not Worn 592 - Worn 593 - Not Worn 594 - Worn 595 - Not Worn 596 - Worn 597 - Not Worn 598 - Worn 599 - Not Worn 600 - Worn 601 - Not Worn 602 - Worn 603 - Not Worn 604 - Worn 605 - Not Worn 606 - Worn 607 - Not Worn 608 - Worn 609 - Not Worn 610 - Worn 611 - Not Worn 612 - Worn 613 - Not Worn 614 - Worn 615 - Not Worn 616 - Worn 617 - Not Worn 618 - 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Worn 697 - Not Worn 698 - Worn 699 - Not Worn 700 - Worn 701 - Not Worn 702 - Worn 703 - Not Worn 704 - Worn 705 - Not Worn 706 - Worn 707 - Not Worn 708 - Worn 709 - Not Worn 710 - Worn 711 - Not Worn 712 - Worn 713 - Not Worn 714 - Worn 715 - Not Worn 716 - Worn 717 - Not Worn 718 - Worn 719 - Not Worn 720 - Worn 721 - Not Worn 722 - Worn 723 - Not Worn 724 - Worn 725 - Not Worn 726 - Worn 727 - Not Worn 728 - Worn 729 - Not Worn 730 - Worn 731 - Not Worn 732 - Worn 733 - Not Worn 734 - Worn 735 - Not Worn 736 - Worn 737 - Not Worn 738 - Worn 739 - Not Worn 740 - Worn 741 - Not Worn 742 - Worn 743 - Not Worn 744 - Worn 745 - Not Worn 746 - Worn 747 - Not Worn 748 - Worn 749 - Not Worn 750 - Worn 751 - Not Worn 752 - Worn 753 - Not Worn 754 - Worn 755 - Not Worn 756 - Worn 757 - Not Worn 758 - Worn 759 - Not Worn 760 - Worn 761 - Not Worn 762 - Worn 763 - Not Worn 764 - Worn 765 - Not Worn 766 - Worn 767 - Not Worn 768 - Worn 769 - Not Worn 770 - Worn 771 - Not Worn 772 - Worn 773 - Not Worn 774 - Worn 775 - Not Worn 776 - Worn 777 - Not Worn 778 - Worn 779 - Not Worn 780 - Worn 781 - Not Worn 782 - Worn 783 - Not Worn 784 - Worn 785 - Not Worn 786 - Worn 787 - Not Worn 788 - Worn 789 - Not Worn 790 - Worn 791 - Not Worn 792 - Worn 793 - Not Worn 794 - Worn 795 - Not Worn 796 - Worn 797 - Not Worn 798 - Worn 799 - Not Worn 800 - Worn 801 - Not Worn 802 - Worn 803 - Not Worn 804 - Worn 805 - Not Worn 806 - Worn 807 - Not Worn 808 - Worn 809 - Not Worn 810 - Worn 811 - Not Worn 812 - Worn 813 - Not Worn 814 - Worn 815 - Not Worn 816 - Worn 817 - Not Worn 818 - Worn 819 - Not Worn 820 - Worn 821 - Not Worn 822 - Worn 823 - Not Worn 824 - Worn 825 - Not Worn 826 - Worn 827 - Not Worn 828 - Worn 829 - Not Worn 830 - Worn 831 - Not Worn 832 - Worn 833 - Not Worn 834 - Worn 835 - Not Worn 836 - Worn 837 - Not Worn 838 - Worn 839 - Not Worn 840 - Worn 841 - Not Worn 842 - Worn 843 - Not Worn 844 - Worn 845 - Not Worn 846 - Worn 847 - Not Worn 848 - Worn 849 - Not Worn 850 - Worn 851 - Not Worn 852 - 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Worn 931 - Not Worn 932 - Worn 933 - Not Worn 934 - Worn 935 - Not Worn 936 - Worn 937 - Not Worn 938 - Worn 939 - Not Worn 940 - Worn 941 - Not Worn 942 - Worn 943 - Not Worn 944 - Worn 945 - Not Worn 946 - Worn 947 - Not Worn 948 - Worn 949 - Not Worn 950 - Worn 951 - Not Worn 952 - Worn 953 - Not Worn 954 - Worn 955 - Not Worn 956 - Worn 957 - Not Worn 958 - Worn 959 - Not Worn 960 - Worn 961 - Not Worn 962 - Worn 963 - Not Worn 964 - Worn 965 - Not Worn 966 - Worn 967 - Not Worn 968 - Worn 969 - Not Worn 970 - Worn 971 - Not Worn 972 - Worn 973 - Not Worn 974 - Worn 975 - Not Worn 976 - Worn 977 - Not Worn 978 - Worn 979 - Not Worn 980 - Worn 981 - Not Worn 982 - Worn 983 - Not Worn 984 - Worn 985 - Not Worn 986 - Worn 987 - Not Worn 988 - Worn 989 - Not Worn 990 - Worn 991 - Not Worn 992 - Worn 993 - Not Worn 994 - Worn 995 - Not Worn 996 - Worn 997 - Not Worn 998 - Worn 999 - Not Worn 1000 - Worn 1001 - Not Worn 1002 - Worn 1003 - Not Worn 1004 - Worn 1005 - Not Worn 1006 - Worn 1007 - Not Worn 1008 - Worn 1009 - Not Worn 1010 - Worn 1011 - Not Worn 1012 - Worn 1013 - Not Worn 1014 - Worn 1015 - Not Worn 1016 - Worn 1017 - Not Worn 1018 - Worn 1019 - Not Worn 1020 - Worn 1021 - Not Worn 1022 - Worn 1023 - Not Worn 1024 - Worn 1025 - Not Worn 1026 - Worn 1027 - Not Worn 1028 - Worn 1029 - Not Worn 1030 - Worn 1031 - Not Worn 1032 - Worn 1033 - Not Worn 1034 - Worn 1035 - Not Worn 1036 - Worn 1037 - Not Worn 1038 - Worn 1039 - Not Worn 1040 - Worn 1041 - Not Worn 1042 - Worn 1043 - Not Worn 1044 - Worn 1045 - Not Worn 1046 - Worn 1047 - Not Worn 1048 - Worn 1049 - Not Worn 1050 - Worn 1051 - Not Worn 1052 - Worn 1053 - Not Worn 1054 - Worn 1055 - Not Worn 1056 - Worn 1057 - Not Worn 1058 - Worn 1059 - Not Worn 1060 - Worn 1061 - Not Worn 1062 - Worn 1063 - Not Worn 1064 - Worn 1065 - Not Worn 1066 - Worn 1067 - Not Worn 1068 - Worn 1069 - Not Worn 1070 - Worn 1071 - Not Worn 1072 - Worn 1073 - Not Worn 1074 - Worn 1075 - Not Worn 1076 - Worn 1077 - Not Worn 1078 - Worn 1079 - Not Worn 1080 - Worn 1081 - Not Worn 1082 - Worn 1083 - Not Worn 1084 - Worn 1085 - Not Worn 1086 - Worn 1087 - Not Worn 1088 - Worn 1089 - Not Worn 1090 - Worn 1091 - Not Worn 1092 - Worn 1093 - Not Worn 1094 - Worn 1095 - Not Worn 1096 - Worn 1097 - Not Worn 1098 - Worn 1099 - Not Worn 1100 - Worn 1101 - Not Worn 1102 - Worn 1103 - Not Worn 1104 - Worn 1105 - Not Worn 1106 - Worn 1107 - Not Worn 1108 - Worn 1109 - Not Worn 1110 - Worn 1111 - Not Worn 1112 - W</p>														

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Page 6
Of 1

SOUTH CAROLINA
TRAFFIC COLLISION REPORT FORM
TR-310 (Rev. 01/2801)

Of Units: 1
Amended - Attach Copy of Original Report: ☐
Notified: 2310
Arrived: 2330

Date: 07-23-01	Time: 2300	County: 11	1- Interstate 2- US Primary 3- SC Primary	4- Secondary 5- County 6- Other	Collision Location (Rt. # / Name): 85	0- Main 2- Alternate 5- Spur	6- Connection 7- Business 9- Other	Miles: 44	Dir.: NE	In Near City or Town of: Blacksburg
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Lane # / Dir.: N/A	Distance Offset: 120	Direction: SW	1- Interstate 2- US Primary 3- SC Primary	4- Secondary 5- County 6- Other	Base Intersection (Rt. # / Name): 99	1- Main 2- Alternate 5- Spur	6- Connection 7- Business 9- Other	ASRU code:	MP/Grid:
R.R. Id.: N/A	From: NE	Ramp Only: 1- Entrance 2- Exit	To: NE	1- Interstate 2- US Primary 3- SC Primary	Second Intersection (Rt. # / Name): 29	1- Main 2- Alternate 5- Spur	6- Connection 7- Business 9- Other	Latitude: 35° 09' 34.10"	Longitude: 81° 28' 00.10"

V- 674412	Driver/Pedestrian's Full Name: Kotha - Sridhar	V- 674413	Driver/Pedestrian's Full Name:
Unit # 1	Sex: M	Unit # 1	Sex: M
Race: O	Street: 1105 Yanceyville St Apt F	Race: O	Street:
Birth Date: 8-21-1974	City, State, & Zip: Greensboro N.C. 27405	Birth Date:	City, State, & Zip:

State: NC	Driver's License #: 25574183	Insurance Company: Geico	State:	Driver's License #:	Insurance Company:
Year: 1999	Body: 4dr	Vehicle Make: BMW	Year:	Body:	Vehicle Make:
License Plate #: NC 25574183	Owner's D.L. #:	VIN #: 12BAPM5336XK60554	License Plate #:	Owner's D.L. #:	VIN #:

Home Telephone: (336) 713-8161	Owner's Full Name: Kotha - Sridhar	Home Telephone:	Owner's Full Name:
Bus. Telephone: N/A	Street: 1105 Yanceyville St Apt F	Bus. Telephone:	Street:
Contributed To Collision: No	City, State, & Zip: Greensboro NC 27405	Contributed To Collision:	City, State, & Zip:

Estimated Speed: 65	Speed Limit: 65	C.D.L. Req: Yes No	T/B S Req: Yes No	Alc/Drg info (see back): Yes No	Estimated Speed:	Speed Limit:	C.D.L. Req: Yes No	T/B S Req: Yes No	Alc/Drg info (see back): Yes No
Summons #: 225394321	Code: N/A	Summons #:	Code:	Towed By: Patterson	Summons #:	Code:	Summons #:	Code:	Towed By:

V- 674414	Driver/Pedestrian's Full Name:	State:	Year:	License Plate #:	Owner's D.L. #:
Unit # 1	Sex: M	Home Telephone:	Owner's Full Name:	Unit # 1	Sex: M
Race: O	Street:	Home Telephone:	Owner's Full Name:	Race: O	Street:
Birth Date:	City, State, & Zip:	Bus. Telephone:	Street:	Birth Date:	City, State, & Zip:

State:	Driver's License #:	Insurance Company:	State:	Driver's License #:	Insurance Company:
Year:	Body:	Vehicle Make:	Year:	Body:	Vehicle Make:
VIN #:	VIN #:	VIN #:	VIN #:	VIN #:	VIN #:

Dir. of Travel: Unit 1: SEW Unit 2: NSEW Unit 3: NSEW	Unit 1 Dam. \$3000	Unit 2 Dam. N/A	Unit 3 Dam. N/A	Prop. Dam. 1 N/A	Prop. Dam. 2 N/A
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Property Owner/Witness: N/A	Property Owner/Witness: N/A
Address: N/A	Address: N/A
State: Zip: Phone:	State: Zip: Phone:
Photo: VIN	Describe What Happened (Refer to Units by Number):
Veh #1 was traveling North on I-85. The driver driving too fast for conditions (wet roadway) lost control of vehicle striking bridge rail with front of vehicle.	

Investigating Officer's Name: Key-JL	Rank: Cpl	Badge #: 1100	Date: 7-23-01	Reviewer's Name: Key-JL	Rank: Cpl	Internal Agency Code: 34801
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NOTICE - THE TR-310 IS FOR STATISTICAL REPORTING PURPOSES ONLY AND IS A REFLECTION OF THE OFFICER'S BEST KNOWLEDGE, OPINION, AND BELIEF COVERING THE COLLISION BUT NO WARRANTY IS MADE AS TO THE FACTUAL ACCURACY THEREOF.

Unit	Date of Birth	Sex	Race	INJ	Seat	RSD	ABD	Eject	LAI	Yran	Name	Street Address	Zip Code
1	8-24-97	M	O	0	01	13	43	1	1	2			
Race A - Asian/Pacific Islander W - Caucasian a) Injury Status 2- Non-incapacitating Seating Loc. 20- Pedestrian 60- Sleeper of Cab Restraint/Safety Device													
B - African American H - Hispanic O - Other 0- Not Injured 3- Incapacitating 30- Trailing Unit 70- Riding on Unit Exterior 00- None Used 21- Child													
I - Alaskan Native or American Indian U - Unk 1- Possible 4- Fatal 40- Bus or Van (4th row or Higher) 80- Lap 11- Shoulder Belt Only Safety Seat													
Air Bag Deployment / Switch Ejection b) Motorcycle Only Head Injury: 1-Yes 2-No Location After Impact 3- Freed (non-mech.) a) Transported to Medical Facility Pedestrian, Motor/Pedalcycle Only													
1- Deployed Front 4- Not Deployed 1- Not Ejected 2- Parli. Ejected 1- Not Trapped 4- Not Applicable 1- Yes 2- No 3- Unknown 31- Helmet 51- Reflective Clothing													
2- Deployed Side 7- Not Applicable 2- Parli. Ejected 2- Ejected (Mechanical Means) 9- Unknown b) By 1- EMS 2- Police 8- Other 9- Unk 41- Protective Pads 61- Lighting													
3- Deployed Both 9- Deployment Unk 3- Tot. Ejected 2- Switch in Off Position 9- Unknown 9- Unk Sequence of Events Mail/Orig. TR-810 for Office of Financial Responsibility, PO Box 1499, Blytheville, SC 29016													
Non-Collision 04- Equipment Failure Collision Not Fixed 27- Pedestrian Collision Fixed Object 47- Embankment 55- Mail Box 68- Other													
01- Cargo/Equip Loss or Shift 05- Fire/Explosion 08- Overturn/Rollover 20- Animal (Deer Only) 28- Railway Veh. 40- Bridge Overhead Structure 48- Equipment 56- Medium Barrier 69- Unk													
02- Cross Median/Center Line 08- Immersion 09- Ran off Road Left 21- Animal (All Other) 29- Work Zone 41- Bridge Parapet End 49- Fence 57- Overhead Sign Support													
03- Downhill Runaway 07- Jackknife 10- Ran off Road Right 22- Motor Veh (in Transport) 42- Bridge Pier or Abutment 50- Guardrail End 58- Other (Post, Pole, Support, Etc.)													
11- Separation of Units 23- Motor Veh (Stopped) 35- Other Movable Object 43- Bridge Rail 51- Guardrail Face 59- Other (Wall, Building Tunnel, Etc.)													
12- Spill (Two Wheeled Veh.) 24- Motor Veh (Other Roadway) 38- Unk Movable Object 44- Culvert 52- Highway Traffic Sign Post 60- Trees													
18- Other Non-collision 25- Motor Veh (Parked) 38- Unk Movable Object 45- Curb 53- Impact Attenuator/Crash Cushion 61- Utility Pole													
19- Unk Non-collision 26- Pedalcycle 46- Ditch 54- Light/Luminaire Support 62- Work Zone Maint. Equipment													
Manner of Collision (Struck Veh.) 30- Rear-to-Rear 50- Sideswipe Same Dir. 1st / Most Deformed Area 1st Deformed 2nd Most Deformed 3rd													
00- Not Coll. w/ Motor Veh. 41- Angle (A) 60- Sideswipe Opposite Dir. 21- Pedestrian 81- None 92- Rollover 93- Total 94- Under Carriage 98- Other 99- Unk													
10- Rear End 42- Angle (B) 70- Backed Into 21- Pedestrian 81- None 92- Rollover 93- Total 94- Under Carriage 98- Other 99- Unk													
20- Head On 43- Angle (C) 99- Unknown 21- Pedestrian 81- None 92- Rollover 93- Total 94- Under Carriage 98- Other 99- Unk													
Vehicle Type: 15- Full Size Van 27- Pedalcycle 61- School Bus 1st / Most Deformed Area 1st Deformed 2nd Most Deformed 3rd													
01- Automobile 16- Mini Van 38- Animal Drawn Veh 62- Passenger Bus 21- Pedestrian 81- None 92- Rollover 93- Total 94- Under Carriage 98- Other 99- Unk													
12- Pickup Truck 17- Sport Utility 39- Animal (Ridden) 98- Other 21- Pedestrian 81- None 92- Rollover 93- Total 94- Under Carriage 98- Other 99- Unk													
13- Truck Tractor 25- Motorcycle 41- Pedestrian 99- Unk (Hit and Run Only) 21- Pedestrian 81- None 92- Rollover 93- Total 94- Under Carriage 98- Other 99- Unk													
14- Other Truck 26- Other Motorbike 51- Train 21- Pedestrian 81- None 92- Rollover 93- Total 94- Under Carriage 98- Other 99- Unk													
Vehicle Use Code 04- Ambulance 08- Farm Use 12- Fire Fighting 1st / Most Deformed Area 1st Deformed 2nd Most Deformed 3rd													
01- Personnel 05- Military 09- Wrecker or Tow 13- Logging 21- Pedestrian 81- None 92- Rollover 93- Total 94- Under Carriage 98- Other 99- Unk													
02- Driver Training 06- Transport Passengers 10- Police 18- Other 21- Pedestrian 81- None 92- Rollover 93- Total 94- Under Carriage 98- Other 99- Unk													
03- Construction/Maint 07- Transport Property 11- Government 41- Pedestrian 21- Pedestrian 81- None 92- Rollover 93- Total 94- Under Carriage 98- Other 99- Unk													
Vehicle Attachment 4- Utility Trailer 8- Towed Motor Vehicle C- Other Tanker 1st / Most Deformed Area 1st Deformed 2nd Most Deformed 3rd													
1- None 5- Farm Trailer 9- Petroleum Tanker D- Flat Bed 21- Pedestrian 81- None 92- Rollover 93- Total 94- Under Carriage 98- Other 99- Unk													
2- Mobile Home 6- Trailer w/Boat A- Lowboy Trailer E- Twin Trailers 21- Pedestrian 81- None 92- Rollover 93- Total 94- Under Carriage 98- Other 99- Unk													
3- Semi-Trailer 7- Camper Trailer B- Autocamper Trailer F- Other 21- Pedestrian 81- None 92- Rollover 93- Total 94- Under Carriage 98- Other 99- Unk													
Action Prior to Impact (Vehicle) (Non-motorist) 1st / Most Deformed Area 1st Deformed 2nd Most Deformed 3rd													
01- Backing 08- Parked 21- Approaching/Leaving Vehicle 21- Pedestrian 81- None 92- Rollover 93- Total 94- Under Carriage 98- Other 99- Unk													
02- Changing Lanes 09- Slowing or 22- Entering/Crossing Location 21- Pedestrian 81- None 92- Rollover 93- Total 94- Under Carriage 98- Other 99- Unk													
03- Entering Traffic Lane Stopped in Traffic 23- Playing/Working on Vehicle 21- Pedestrian 81- None 92- Rollover 93- Total 94- Under Carriage 98- Other 99- Unk													
04- Leaving Traffic Lane 10- Turning Left 24- Pushing Vehicle 21- Pedestrian 81- None 92- Rollover 93- Total 94- Under Carriage 98- Other 99- Unk													
05- Making U-Turn 11- Turning Right 25- Standing 21- Pedestrian 81- None 92- Rollover 93- Total 94- Under Carriage 98- Other 99- Unk													
06- Movements Essentially Straight Ahead 26- Walking, Playing, Cycling 21- Pedestrian 81- None 92- Rollover 93- Total 94- Under Carriage 98- Other 99- Unk													
07- Overtaking/Passing 28- Other 99- Unk 27- Working 21- Pedestrian 81- None 92- Rollover 93- Total 94- Under Carriage 98- Other 99- Unk													
Weather Condition 3- Cloudy 6- Fog, Smog, Smoke 01- Stop and Go Light 21- Officer or Flagman Traffic Control Type													
1- Clear (no adverse conditions) 4- Sleet, Hail 7- Blowing Sand, 8- Severe Crosswinds 02- Flashing Traffic Signal 22- Oncoming Emergency Vehicle													
2- Rain 5- Snow 04, Dnt or Snow 9- Unk 11- RR (X-bucks, Lights & Gates) 31- Pavement Markings (only) 43- Yield Sign 51- Flashing Beacon													
Light Condition 3- Dusk 6- Dark (Street Lamp Not Lit) 12- RR (X-bucks & Lights) 41- Stop Sign 44- Work Zone 98- None													
1- Daylight 4- Dark (Lighting Unspecified) 7- Dark (No lights) 13- RR (X-bucks Only) 42- School Zone Sign 45- Other Warning Signs 99- Unk													
2- Dawn 5- Dark (Street Lamp Lit) 1- Yes, Directly 2- Yes, Indirectly 3- No 9- Unk School Bus Involved: 3													
Junction Type 03- Five/More Points 07- Shared Use Paths or Trail 12- Y-Intersection 1- Before 1st Sign 3- Transition Area 5- Termination 1- Yes 2- No Work Zone: 2													
01- Crossover 04- Four-way Intersection 08- T-Intersection 13- Nonjunction 2- Advanced Warning Area 4- Activity Area Area Work Zone Location													
02- Driveway 05- Railway Grade Crossing 09- Traffic Circle 99- Unk 1- Shoulder/Median Work 3- Intermittent/Moving Work Work Zone Type													
02- Driveway 05- Railway Grade Crossing 09- Traffic Circle 99- Unk 2 Lane Shift/Crossover 4- Lane Closure 8- Other 9- Unk 1- Yes 2- No Workers Present:													
Primary Contributing Factors 09- Made an Improper Turn Roadway Non-Motorist Environmental Obstruction													
Driver 10- Medical Related 30- Debris 48- Other 60- Animal in Road 63- Weather Cond													
01- Disregarded Signs, Signals, Etc 12- Aggressive Operation of Vehicle 31- Non-highway Work 49- Unk 61- Glare 68- Other 69- Unk													
02- Distracted/Inattention 13- Over-correcting/Over-steering 32- Obstruction in Roadway 50- Inattentive 51- Lying &/or Illegally in Roadway 70- Brakes 76- Windows/Shield													
03- Driving Too Fast for Conditions 14- Swerving to Avoiding Object 33- Road Surface Condition (i.e., Wet) 52- Failure to Yield R. of W. 52- Not Visible (Dark Clothing) 71- Steering 77- Restraint System													
04- Exceeded Authorized Speed Limit 15- Wrong Side or Wrong Way 34- Rut, Holes, Bumps 53- Disregard Signs, Signals, Etc 53- Improper Crossing 72- Power Plant 78- Truck Coupling													
05- Failed to Yield Right of Way 16- Under the Influence 35- Shoulders (None, Low, Soft, High) 54- Disregard Signs, Signals, Etc 54- Darling 58- Other 59- Unk 73- Tires/Wheel 79- Cargo													
06- Ran off Road 19- Cell Phone 17- Vision Obscured (Within Unit) 36- Traffic Control Device (i.e., Missing) 55- Wrong Side of Road 66- Under the Influence 74- Lights 80- Fuel System													
07- Fatigued/Asleep 18- Improper Lane Usage/Change 37- Work Zone (Constr./Maint./Utility) 67- Other Person Under Influence 75- Signals 88- Other 89- Unk													
08- Followed Too Closely 28- Other Improper Action 29- Unk 38- Worn, Travel-Polished Surface 67- Other Person Under Influence 75- Signals 88- Other 89- Unk													

ORIGINAL

D.P.S. USE ONLY 07097708		Page # 1	SOUTH CAROLINA TRAFFIC COLLISION REPORT FORM TR-310 (Rev. 01/2001)		# Of Units 2	Amended - Attach Copy of Original Report Corrected	Notified 2230	Arrived 2256
Time 4:20	County 11	1- Interstate 2- US Primary 3- SC Primary	4- Secondary 5- County 6- Other	Collision Location (Rt. # / Name) 85	0- Main 1- Alternate 2- Business 3- Spur	Miles: 3.00	Dir. NE SW	Jct / Near City or Town of: Blacksburg
Lane # / Dir. 1/1 SW	Distance Offset .80	Direction SW	1- Interstate 2- US Primary 3- SC Primary	4- Secondary 5- County 6- Other	Base Intersection (Rt. # / Name) 29	0- Main 1- Alternate 2- Business 3- Spur	6- Connection 7- Business 8- Other	ASHU code MP/Gld
R.R. Id. N/A	From NE	Ramp Only 1 - Entrance	To NE	1- Interstate 2- US Primary 3- SC Primary	4- Secondary 5- County 6- Other	0- Main 1- Alternate 2- Business 3- Spur	6- Connection 7- Business 8- Other	Latitude 35° 09' 32.60
	SW	2 - Exit	SW	1- Interstate 2- US Primary 3- SC Primary	4- Secondary 5- County 6- Other	0- Main 1- Alternate 2- Business 3- Spur	6- Connection 7- Business 8- Other	Longitude 81° 28' 01.80
X-279166 Driver/Pedestrian's Full Name Spencer-Jimmy Earl				X-279167 Driver/Pedestrian's Full Name Carreau-John Stephen				
Unit # 1	Sex M	Race W	Street 2428 E Cherokee St	Unit # 2	Sex M	Race W	Street 11204 32 E St	
Birth Date 01-13-43				City, State, & Zip Blacksburg SC 29702				
State SC				State TX				
Driver's License # 001365974				Driver's License # 08608919				
Insurance Company: Auto owners				Insurance Company: Discover Prop+Cas				
Year 2006	Body 4DR	Vehicle Make Buic	VIN # 1G4HP5AK25U270711	Year 2004	Body TRK	Vehicle Make VOLVO	VIN # 4V4NCGT644N352943	
State SC	Year 2008	License Plate # 856 CR	Owner's D.L. # 1365974	State LA	Year 2008	License Plate # P157395	Owner's D.L. # N/A	
Home Telephone (864) 936-9367				Home Telephone (281) 731-8489				
Owner's Full Name Spencer-Jimmy Earl				Owner's Full Name SAIA Motor Freight Inc.				
Bus. Telephone () N/A				Bus. Telephone (800) 450-7242				
Street 2428 E Cherokee St				Street PO Box A Station one				
Contributed To Collision () No				Contributed To Collision () No				
City, State, & Zip Blacksburg SC 29702				City, State, & Zip Houma LA 70363				
Estimated Speed 70	Speed Limit 65	C.D.L. Req: Yes (No) 2557347	T/B S Req: Yes (No) 99	Code N/A	Summons # N/A	Code N/A	Summons # N/A	
Towed By Pattersons				Towed By N/A				
X-279168 Driver/Pedestrian's Full Name				State Year License Plate # Owner's D.L. #				
Unit # 1	Sex M	Race W	Street 2428 E Cherokee St	Home Telephone ()		Owner's Full Name SAIA Motor Freight Inc.		
Birth Date ()				City, State, & Zip Blacksburg SC 29702		Street PO Box A Station one		
State SC				Contributed To Collision () No		City, State, & Zip Houma LA 70363		
Year 2006				Estimated Speed 65		Speed Limit 65		
Vehicle Make Buic				C.D.L. Req: Yes (No) 2557347		T/B S Req: Yes (No) 99		
VIN # 1G4HP5AK25U270711				Code N/A		Summons # N/A		
Towed By Pattersons				Code N/A		Summons # N/A		
Dir. of Travel: Unit 1: (N) S E W Unit 2: (N) S E W Unit 3: N S E W				Unit 1 Dam. Unit 2 Dam. Unit 3 Dam. Prop. Dam. 1 Prop. Dam. 2				
				\$800.00 \$900.00 \$ N/A \$ N/A \$ N/A				
Property Owner/Witness Brown-Steven				Property Owner/Witness N/A				
Address 3rd Devils Trump Rd Recreational				Address N/A				
State Zip Phone NC 27207 919-463-2568				State Zip Phone N/A				
Photo: Describe What Happened (Refer to Units by Number) Unit #1 and #2 traveling north on I-95. Unit #1 driving under the influence of alcohol traveled off the left side of the roadway and struck a guard rail. Unit #1 then traveled back onto the roadway and struck the left side of Unit #2. Unit #1 then traveled off the right side of the roadway and struck a ditch. There was no damage to the guard rail.								
Investigating Officer's Name Gordon-AM				Rank Cap				
Badge # 342				Code 110400				
Date 08-14-09				Reviewer's Name M. J. Weaver				
Rank SGT				Internal Agency Code 217674				

NOTICE - THE TR-310 IS FOR STATISTICAL REPORTING PURPOSES ONLY AND IS A REFLECTION OF THE OFFICER'S BEST KNOWLEDGE, OPINION, AND BELIEF COVERING THE COLLISION BUT NO WARRANTY IS MADE AS TO THE FACTUAL ACCURACY THEREOF.

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ORIGINAL

D.F.S. USE ONLY		Page #		SOUTH CAROLINA TRAFFIC COLLISION REPORT FORM		# Of Units	Amended - Attach Copy of Original Report	Notified	Arrived						
09130212		1		TR-310 (Rev. 01/2001)		7	Corrected	1808	1826						
To - 2009	Time 1800	County 11	Interstate 4-Secondary 2-US Primary 5-County 3-SC Primary	Collision Location (Rt. # / Name) 85		0-Main 6-Connection 2-Alternate 7-Business 5-Spur	Miles: 3.0	Dir. N E S W	Near City or Town of: Blacksburg SC						
Lane # / Dir. 1 / 4 (N) E (S) W	Distance Offset 70 Miles Feet	Direction (N) E (S) W	1-Interstate 4-Secondary 2-US Primary 5-County 3-SC Primary 6-Other	Base Intersection (Rt. # / Name) 99		0-Main 6-Connection 2-Alternate 7-Business 5-Spur 9-Other	ASRU code	MP/Grd							
R.R. Id. NA	From N E S W	Ramp Only 1-Entrance 2-Exit	To N E S W	Second Intersection (Rt. # / Name) 29		0-Main 6-Connection 2-Alternate 7-Business 5-Spur 9-Other	Latitude 35°09'33.80"	Longitude 81°27'59.10"							
Z-238414			Driver/Pedestrian's Full Name Durrance-Christopher Ryr			Z-238415			Driver/Pedestrian's Full Name Chambers-Phillip Lee						
Unit # 1	Sex M	Race W	Street 4613 Pound House Rd	Unit # 2	Sex M	Race B	Street 2201 Beauty St								
Birth Date 08-28-1970	City, State, & Zip Flowery Branch GA 30542			Birth Date 09-04-1952	City, State, & Zip Statesville NC 28625										
State GA	Driver's License # 050707723	'C'	Insurance Company Locken Co	State NC	Driver's License # 2840150	'A'	Insurance Company Hanco Int Ins Co								
Year 2003	Body 54	Vehicle Make Dodge	VIN # 1D4H338NX3F559462	Year 2007	Body TR	Vehicle Make Ford	VIN # 2FWBA2CV07AY07917								
State GA	Year 2010	License Plate # A604945	Owner's D.L. # UNKNOWN	State GA	Year 2010	License Plate # LX6194	Owner's D.L. # UNKNOWN								
Home Telephone 678-965-0997	Owner's Full Name Rackwell Automation			Home Telephone 704-1929-2468	Owner's Full Name Salem Leasing Corp										
Bus. Telephone 678-947-7220	Street 4349 Avery Drive			Bus. Telephone 704-1304-2221	Street 175 Charlotes Blvd										
Contributed To Collision Yes	City, State, & Zip Flowery Branch GA 30542			Contributed To Collision Yes	City, State, & Zip Winston Salem NC 27103										
Estimated Speed 60	Speed Limit 65	C.D.L. Req: Yes (No) NA	T/B S Req: Yes (No) NA	Estimated Speed 65	Speed Limit 65	C.D.L. Req: Yes (No) NA	T/B S Req: Yes (No) NA	Code Towed By NONE							
Z-238416			Driver/Pedestrian's Full Name			NGV 30-2009									
Unit # 1	Sex M	Race W	Street	Unit # 2	Sex M	Race W	Street								
Birth Date	City, State, & Zip			Birth Date	City, State, & Zip										
State	Driver's License #	Insurance Company		State	Driver's License #	Insurance Company									
Year	Body	Vehicle Make	VIN #	Year	Body	Vehicle Make	VIN #								
Dir. of Travel: Unit 1: (N) S E W Unit 2: (N) S E W Unit 3: N S E W				Dir. of Travel: Unit 1: (N) S E W Unit 2: (N) S E W Unit 3: N S E W											
				Unit 1 Dam.		Unit 2 Dam.		Unit 3 Dam.		Prop. Dam. 1		Prop. Dam. 2			
				\$1000		\$2000		\$119		\$3,000		\$119			
				Property Owner/Witness SC DOT						Property Owner/Witness none					
				Address 1864 Old Georgia Hwy (1746) Hwy						Address					
				State SC Zip 29340 Phone 866-489-2844						State Zip Phone					
Photo: Describe What Happened (Refer to Units by Number)															
Unit #1 traveling North on I-85 in #1 lane.															
Unit #2 traveling North on I-85 in #2 lane when right front tire blew out, hit right side guard rail and then side swiped Unit #1 pushing it into left side guard rail.															
Investigating Officer's Name M. Her-26															
Rank 17C Badge # 615 Code 1770400 Date 11-11-2009 Reviewer's Name Albert B. J. Rank CPL Internal Agency Code 164752															

NOTICE - THE DIAGRAM IS FOR STATISTICAL REPORTING PURPOSES ONLY AND IS A REFLECTION OF THE OFFICER'S BEST KNOWLEDGE, OPINION, AND BELIEF CONCERNING THE COLLISION BUT NO WARRANTY IS MADE AS TO THE ACTUAL ACCURACY THEREOF.

Unit	Date of Birth	Sex	Race	INJ	Seat	RSD	ADD	Eject	LAI	Tran	Name	Street Address	Zip Code
1	06-20-1970	M	W	B	01	13	48	1	1	2			
2	09-04-1952	M	B	O	01	13	48	1	1	2			

Race A - Asian/Pacific Islander B - African American H - Hispanic I - Alaskan Native or American Indian		W - Caucasian O - Other U - Unk.		a) Injury Status 0 - Not Injured 1 - Possible 2 - Non-incapacitating 3 - Incapacitating 4 - Fatal		Seating Loc. 01 02 03 04 05 06 07 08 09		20 - Pedestrian 30 - Trailing Unit 40 - Bus or Van (4th row or Higher) 50 - Other Enclosed Area (nontrailing) 51 - Other Unenclosed Area (nontrailing)		Restraint/Safety Device 00 - None Used 11 - Shoulder Belt Only 12 - Lap Belt Only 13 - Shoulder & Lap Belt 21 - Child Safety Seat 88 - Other 99 - Unk.	
Air Bag Deployment / Switch 1 - Deployed Front 2 - Deployed Side 3 - Deployed Both 4 - Not Deployed 7 - Not Applicable 1 - Switch in On Position 2 - Switch in Off Position 9 - Unknown		Ejection 1 - Not Ejected 2 - Part. Ejected 3 - Tot. Ejected 7 - Not App. 9 - Unk.		b) Motorcycle Only Head Injury: 1 - Yes 2 - No Location After Impact: 1 - Not Trapped 2 - Extricated (Mechanical Means) 3 - Freed (non-mech.) 4 - Not Applicable 9 - Unknown		Transported to Medical Facility a) 1 - Yes 2 - No 3 - Unknown b) By: 1 - EMS 2 - Police 8 - Other 9 - Unk.		Pedestrian, Motor/Pedalcycle Only 31 - Helmet 51 - Reflective Clothing 41 - Protective Pads 61 - Lighting			

Non-Collision 01 - Cargo/Equip Loss or Shift 02 - Cross Median/Center Line 03 - Downhill Runaway 04 - Equipment Failure 05 - Fire/Explosion 06 - Immersion 07 - Jackknife 08 - Overturn/Robover 09 - Ran off Road Left 10 - Ran off Road Right 11 - Separation of Units 12 - Spill (non-vehicle veh) 18 - Other Non-collision 19 - Unk. Non-collision										Collision Not Fixed 20 - Animal (Deer Only) 21 - Animal (All Other) 22 - Motor Veh (In Transport) 23 - Motor Veh (Stopped) 24 - Motor Veh (Other Roadway) 25 - Motor Veh (Parked) 26 - Pedalcycle										Collision Fixed Object 27 - Pedestrian 28 - Railway Veh 29 - Work Zone Maint Equip 30 - Other Movable Object 31 - Unk. Movable Object 32 - Bridge Overhead Structure 33 - Bridge Pier or Abutment 34 - Bridge Rtd 35 - Culvert 36 - Ditch 37 - Embankment 38 - Equipment 39 - Fence 40 - Guardrail End 41 - Guardrail Face 42 - Highway Traffic Sign Post 43 - Impact Attenuator/Crash Cushion 44 - Light/Luminaire Support 45 - Mail Box 46 - Median Barrier 47 - Overhead Sign Support 48 - Other (Post, Pole Support, Etc) 49 - Other (Wall, Building, Tunnel, Etc) 50 - Tree 51 - Utility Pole 52 - Work Zone Maint Equipment 53 - Other									
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Manner of Collision (Struck Veh.) 00 - Not Coll. W/ Motor Veh. 10 - Rear End 20 - Head On 30 - Rear-to-Rear 41 - Angle (↘) 14° 42 - Angle (→) 14° 43 - Angle (↗) 14° 50 - Sideswipe Same Dir. 60 - Sideswipe Opposite Dir. 70 - Backed Into 99 - Unknown		1st / Most Deformed Area 		1st Deformed 		Most Deformed 	
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Vehicle Type: 01 - Automobile 12 - Pickup Truck 13 - Truck Tractor 14 - Other Truck 15 - Full Size Van 16 - Mini Van 17 - Sport Utility 25 - Motorcycle 26 - Other Motorbike 27 - Pedalcycle 38 - Animal Drawn Veh 39 - Animal (Ridden) 41 - Pedestrian 51 - Train 61 - School Bus 62 - Passenger Bus 98 - Other (Hit and Run Only)		Vehicle Use Code: 01 - Personal 02 - Driver Training 03 - Construction/Maint 04 - Ambulance 05 - Military 06 - Transport Passengers 07 - Transport Property 08 - Farm Use 09 - Wrecker or Tow 10 - Police 11 - Government 12 - Fire Fighting 13 - Logging 99 - Unk. (Hit and Run Only)		Vehicle Attachment: 1 - None 2 - Mobile Home 3 - Semi-Trailer 4 - Utility Trailer 5 - Farm Trailer 6 - Trailer w/Boat 7 - Camper Trailer 8 - Towed Motor Vehicle 9 - Petroleum Tanker A - Lowboy Trailer B - Autocamper Trailer C - Other Tanker D - Flat Bed E - Twin Trailers F - Other	
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Action Prior to Impact (Vehicle) 01 - Backing 02 - Changing Lanes 03 - Entering Traffic Lane 04 - Leaving Traffic Lane 05 - Making U-Turn 06 - Movements Essentially Straight Ahead 07 - Overtaking/Passing 08 - Parked 09 - Stopping or 10 - Turning Left 11 - Turning Right 18 - Other 21 - Approaching/Leaving Vehicle 22 - Entering/Crossing Location 23 - Playing/Working on Vehicle 24 - Pushing Vehicle 25 - Standing 26 - Walking, Playing, Cycling 27 - Working		Action Prior to Impact (Non-motorist) 21 - Approaching/Leaving Vehicle 22 - Entering/Crossing Location 23 - Playing/Working on Vehicle 24 - Pushing Vehicle 25 - Standing 26 - Walking, Playing, Cycling 27 - Working		Alc Test Results A1 - 1 - Two-way, Not Divided A2 - 2 - Two-way, Divided, Unprotected Median A3 - 3 - Two-way, Divided, Barrier 4 - One-Way 5 - Other 6 - Trafficway	
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Weather Condition 1 - Clear (no adverse conditions) 2 - Rain 3 - Cloudy 4 - Sleet, Hail 5 - Snow 6 - Fog, Smog, Smoke 7 - Blowing Sand 8 - Severe Crosswinds 9 - Dirt or Snow g. Unk.		Light Condition 1 - Daylight 2 - Dawn 3 - Dusk 4 - Dark (Lighting Unspecified) 5 - Dark (Street Lamp Lit) 6 - Dark (Street Lamp Not Lit) 7 - Dark (No Lights)		Junction Type 01 - Crossover 02 - Driveway 03 - Five/More Points 04 - Fourway Intersection 05 - Railway Grade Crossing 06 - Shared Use Paths or Trail 07 - T-Intersection 08 - T-Intersection 09 - Traffic Circle 10 - Nonjunction 11 - Y-Intersection		Primary Contributing Factors 01 - Disregarded Signs, Signals, Etc 02 - Distracted/Inattention 03 - Driving Too Fast for Conditions 04 - Exceeded Authorized Speed Limit 05 - Failed to Yield Right of Way 06 - Ran off Road 07 - Fatigued/Asleep 08 - Followed Too Closely 09 - Made an Improper Turn 10 - Medical Related 11 - Aggressive Operation of Vehicle 12 - Over-correcting/Over-steering 13 - Swerving to Avoiding Object 14 - Wrong Side or Wrong Way 15 - Under the Influence 16 - Vision Obscured (Within Unit) 17 - Improper Lane Usage/Change 18 - Other Improper Action 19 - Unk.		Roadway 30 - Debris 31 - Non-highway Work 32 - Obstruction in Roadway 33 - Road Surface Condition (i.e., Wet) 34 - Rut, Holes, Bumps 35 - Shoulders (None, Low, Soft, High) 36 - Traffic Control Devices (i.e., Missing) 37 - Work Zone (Constr./Maint./Utility) 38 - Worn, Travel-Polished Surface 48 - Other 49 - Unk.		Non-Motorist 50 - Inattentive 51 - Lying Ator Illegally in Roadway 52 - Failure to Yield R. of W. 53 - Not Visible (Dark Clothing) 54 - Disregard Signs, Signals, Etc 55 - Improper Crossing 56 - Dangling 57 - Wrong Side of Road 58 - Under the Influence 59 - Other Person Under Influence 60 - Animal in Road 61 - Glare 62 - Weather Cond.		Environmental 61 - Glare 62 - Weather Cond.		Obstruction 63 - Weather Cond.	
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Vehicle Defect 70 - Brakes 71 - Steering 72 - Power Plant 73 - Tires/Wheel 74 - Lights 75 - Signals 76 - Windows/Shield 77 - Restraint System 78 - Truck Coupling 79 - Cargo 80 - Fuel System 88 - Other 89 - Unk.	
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ORIGINAL

D.P.B. USE ONLY		Page # 1		SOUTH CAROLINA TRAFFIC COLLISION REPORT FORM TR-310 (Rev. 01/2001)				# Of Units 1		Amended - Attach Copy of Original Report Corrected		Notified 0115		Arrived 0145	
09143535															
Date 2-19-2009	Time 0100	County 11	Interstate 2- US Primary 3- SC Primary	4- Secondary 5- County	Collision Location (Rt. # / Name) 85			1- Main 2- Alternate 3- Spur	6- Connection 7- Business	Miles: 3.8	Dir. NE SW	In / Near City or Town of: BLACKSBURG			
Lane # / Dir. N/A / S W	Distance Offset 20 Feet	Direction S W	1- Interstate 2- US Primary 3- SC Primary		4- Secondary 5- County 6- Other		Base Intersection (Rt. # / Name) 99	1- Main 2- Alternate 3- Spur	6- Connection 7- Business 9- Other	ASRU code	MP/Grd				
R.R. Id. N/A	From N E	Ramp Only 1- Entrance 2- Exit	To N E	1- Interstate 2- US Primary 3- SC Primary		4- Secondary 5- County 6- Other		Second Intersection (Rt. # / Name) 29	1- Main 2- Alternate 3- Spur	6- Connection 7- Business 9- Other	Latitude 35° 09' 33.60"	Longitude 81° 28' 00.10"			
X-772153 Driver/Pedestrian's Full Name FOULKS-JAMES PATRICK				X-772154 Driver/Pedestrian's Full Name											
Unit # 1	Sex M	Race W	Street 333 ENTERPRISE RD			City, State, & Zip CEXINGTON NC 27295									
State NC	Driver's License # 32054079 (C)	Insurance Company: GEICO													
Year 2005	Body SU	Vehicle Make JEEP	VIN # 1J4H548N85C559672												
State NC	Year 2011	License Plate # Y2R 8363	Owner's D.L. # 32054079												
Home Telephone (336) 704-5871			Owner's Full Name FOULKS-JAMES PATRICK												
Bus. Telephone () N/A			Street 333 ENTERPRISE RD												
Contributed To Collision (Yes) No			City, State, & Zip CEXINGTON NC 27295												
Estimated Speed 65	Speed Limit 65	C.D.L. Req: Yes No N/A	T/B S Req: Yes No N/A	Alc/Drg Info (see back): Yes No N/A											
X-772155 Driver/Pedestrian's Full Name															
Unit # N/A	Sex	Race	Street			City, State, & Zip									
State	Driver's License #	Insurance Company:													
Year	Body	Vehicle Make	VIN #												
Home Telephone ()			Owner's Full Name DEC 22 2009												
Bus. Telephone ()			Street												
Contributed To Collision Yes No			City, State, & Zip												
Estimated Speed	Speed Limit	C.D.L. Req: Yes No	T/B S Req: Yes No	Alc/Drg Info (see back): Yes No											
Dir. of Travel: Unit 1: (N) S E W Unit 2: N S E W Unit 3: N S E W															
				Unit 1 Dam.	Unit 2 Dam.	Unit 3 Dam.	Prop. Dam. 1	Prop. Dam. 2							
				\$ 8500	\$	\$	\$ N/A	\$ N/A							
				Property Owner/Witness N/A			Property Owner/Witness N/A								
				Address			Address								
				State	Zip	Phone	State	Zip	Phone						
				Photo: Describe What Happened (Refer to Units by Number) Y 1 VEHICLE #1 WAS TRAVELING NORTH ON I-85. DRIVER OF VEHICLE #1 LOST CONTROL OF VEHICLE ON SLEET COVERED ROAD AND RAN OFF RIGHT SIDE OF ROADWAY OVERTURNING.											

NOTICE: THIS FORM IS FOR STATISTICAL REPORTING PURPOSES ONLY AND IS A COLLECTION OF THE OFFICER'S BEST KNOWLEDGE, OPINION, AND BELIEF COVERING THE COLLISION. IT IS NO WARRANT IS MADE AS TO THE FACTUAL ACCURACY THEREOF.

Investigating Officer's Name MPCALL-SOND O	Rank Sgt	Badge # 203	Code HPOY00	Date 12-19-2009	Reviewer's Name Key-JL	Rank Cpl	Internal Agency Code 184068
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[illegible]

Unit	Date of Birth	Sex	Race	INJ	Seat	RSD	A.B.D.	Eject	LAI	Trans	Name	Street Address	Zip Code
1	09-11-1988	M	W	0	01	13	43	1	1	2		69-78-01-06-11-1	
Race: A - Asian/Pacific Islander W - Caucasian e) Injury Status: 2 - Non-incapacitating B - African American H - Hispanic O - Other 0 - Not Injured 3 - Incapacitating I - Alaskan Native or American Indian U - Unk. 1 - Possible 4 - Fatal Air Bag Deployment / Switch: 1 - Deployed Front 4 - Not Deployed b) 2 - Deployed Side 7 - Not Applicable 3 - Deployed Both 9 - Deployment Unk. 1 - Switch in On Position 3 - No Switch d) 2 - Switch in Off Position 9 - Unknown Ejection: 1 - Not Ejected 2 - Part. Ejected 3 - Tot. Ejected 7 - Not App. 9 - Unk. Head Injury: 1 - Yes 2 - No Location After Impact: 1 - Not Trapped 2 - Extricated (Mechanical Means) 9 - Unknown 3 - Freed (non-mech) 4 - Not Applicable Sequence of Events: 1 - Not Trapped 2 - Extricated (Mechanical Means) 9 - Unknown 3 - Freed (non-mech) 4 - Not Applicable Sitting Loc.: 01 02 03 04 05 06 07 08 09 20 - Pedestrian 60 - Sleeper of Cab 30 - Training Unit 70 - Riding on Unit Exterior 40 - Bus or Van (4th row or Higher) 80 - Lap 50 - Other Enclosed Area (nontrading) 99 - Unk./NA 61 - Other Unenclosed Area (nontrading) Restraint/Safety Device: 00 - None Used 21 - Child Safety Seat 11 - Shoulder Belt Only 88 - Other 12 - Lap Belt Only 99 - Unk. 13 - Shoulder & Lap Belt 99 - Unk. Pedestrian, Motor/Pedalcycle Only 31 - Helmet 51 - Reflective Clothing 41 - Protective Pads 61 - Lighting Office of Financial Responsibility: 1 - Yes 2 - No 3 - Unknown b) By: 1 - EMS 2 - Police 8 - Other 9 - Unk. Non-Collision: 01 - Cargo/Equip. Loss or Shift 04 - Equipment Failure 02 - Cross Median/Center Line 05 - Fire/Explosion 08 - Overturn/Hollover 03 - Downhill Runaway 06 - Immolation 09 - Ran off Road Left 07 - Jackknife 10 - Ran off Road Right 11 - Separation of Units 12 - Spill (Two-Wheeled Veh.) 18 - Other Non-collision 19 - Unk. Non-collision 20 - Animal (Deer Only) 21 - Animal (All Other) 22 - Motor Veh. (In Transport) 23 - Motor Veh. (Stopped) 24 - Motor Veh. (Other Roadway) 25 - Motor Veh. (Parkd) 26 - Pedalcycle 27 - Pedestrian 28 - Railway Veh. 29 - Work Zone 30 - Work Zone 31 - Other Movable Object 32 - Other Movable Object 33 - Unk. Movable Object 34 - Ditch 40 - Bridge Overhead Structure 41 - Bridge Pier/Abutment 42 - Bridge Pier or Abutment 43 - Bridge Rail 44 - Culvert 45 - Curve 46 - Ditch 47 - Embankment 48 - Equipment 49 - Fence 50 - Guardrail End 51 - Guardrail Face 52 - Highway Traffic Sign Post 53 - Impact Attenuation/Crash Cushion 54 - Light/Luminaire Support 55 - Mail Box 56 - Median Barrier 57 - Overhead Sign Support 58 - Other (Post, Pole, Support, Etc.) 59 - Other (Wall, Building, Tunnel, Etc.) 60 - Tree 61 - Utility Pole 62 - Work Zone Maint. Equipment Manner of Collision (Struck Veh.): 30 - Rear-to-Rear 50 - Sideswipe Same Dir. 00 - Not Coll. W/ Motor Veh. 41 - Angle (N/A) 60 - Sideswipe Opposite Dir. 10 - Rear End 42 - Angle (→ ←) 70 - Backed Into 20 - Head On 43 - Angle (↘ ↗) 99 - Unknown Vehicle Type: 15 - Full Size Van 27 - Pedalcycle 61 - School Bus 01 - Automobile 16 - Mini Van 38 - Animal Driven Veh. 62 - Passenger Bus 12 - Pickup Truck 17 - Sport Utility 39 - Animal (Ridden) 98 - Other 13 - Truck Tractor 25 - Motorcycle 41 - Pedestrian 99 - Unk. (Hit and Run Only) 14 - Other Truck 26 - Other Motorbike 51 - Train Vehicle Use Code: 04 - Ambulance 08 - Farm Use 12 - Fire Fighting 01 - Personal 05 - Military 09 - Wrecker or Tow 13 - Logging 02 - Driver Training 06 - Transport Passengers 10 - Police 18 - Other 03 - Construction/Maint. 07 - Transport Property 11 - Government 41 - Pedestrian Vehicle Attachment: 4 - Utility Trailer 8 - Towed Motor Vehicle C - Other Tanker 1 - None 5 - Farm Trailer 9 - Petroleum Tanker D - Flat Bed 2 - Mobile Home 6 - Trailer w/Boat A - Lowboy Trailer E - Twin Trailers 3 - Semi-Trailer 7 - Camper Trailer B - Autocarrier Trailer F - Other Action Prior to Impact (Vehicle): 01 - Backing 08 - Parked 21 - Approaching/Leaving Vehicle 02 - Changing Lanes 09 - Stopping or 22 - Entering/Crossing Location 03 - Entering Traffic Lane Stopped in Traffic 23 - Playing/Working on Vehicle 04 - Leaving Traffic Lane 10 - Turning Left 24 - Pushing Vehicle 05 - Making U-Turn 11 - Turning Right 25 - Standing 06 - Movements Essentially Straight Ahead 28 - Walking, Playing, Cycling 07 - Overtaking/Passing 88 - Other 99 - Unk. 27 - Working Weather Condition: 1 - Clear (no adverse conditions) 3 - Cloudy 6 - Fog, Smog, Smoke 2 - Rain 4 - Sleet, Hail 7 - Blowing Sand, 8 - Severe Crosswinds 5 - Snow 9 - Unk. 04 - Dust or Snow 9 - Unk. Light Condition: 3 - Dusk 6 - Dark (Street Lamp Not Lit) 1 - Daylight 4 - Dark (Lighting Unspecified) 7 - Dark (No lights) 2 - Dawn 5 - Dark (Street Lamp Lit) Junction Type: 03 - Five/More Points 07 - Shared Use Paths or Trail 12 - Y-Intersection 01 - Crossover 04 - Four-way Intersection 08 - T-Intersection 13 - Nonjunction 02 - Driveway 05 - Railway Grade Crossing 09 - Traffic Circle 99 - Unk. Primary Contributing Factors: 01 - Disregarded Signs, Signals, Etc. 02 - Distracted/Inattention 03 - Driving Too Fast for Conditions 04 - Exceeded Authorized Speed Limit 05 - Failed to Yield Right of Way 06 - Ran off Road 07 - Fatigued/Asleep 08 - Followed Too Closely 09 - Made an Improper Turn 10 - Medical Related 11 - Aggressive Operation of Vehicle 12 - Over-correcting/Over-steering 13 - Swerving to Avoiding Object 14 - Wrong Side or Wrong Way 15 - Under the Influence 16 - Vision Obscured (Within Unit) 17 - Improper Lane Usage/Change 18 - Other Improper Action 28 - Unk. Roadway: 30 - Debris 48 - Other 31 - Non-highway Work 49 - Unk. 32 - Obstruction in Roadway 33 - Road Surface Condition (i.e., Wet) 34 - Rut, Holes, Bumps 35 - Shoulders (None, Low, Soft, High) 36 - Traffic Control Device (i.e., Missing) 37 - Work Zone (Constr./Maint./Utility) 38 - Worn, Travel-Polished Surface Non-Motorist: 50 - Inattentive 51 - Lying &/or Illegally in Roadway 52 - Failure to Yield R of W 53 - Not Visible (Dark Clothing) 54 - Disregard Signs, Signals, Etc. 55 - Improper Crossing 56 - Daring 58 - Other 59 - Unk. 57 - Wrong Side of Road 58 - Under the Influence 59 - Other Person Under Influence Environmental: 60 - Animal in Road 63 - Weather Cond 61 - Glare 68 - Other 69 - Unk. Vehicle Defect: 70 - Brakes 76 - Windows/Shield 71 - Steering 77 - Restraint System 72 - Power Plant 78 - Truck Coupling 73 - Tire/Wheel 79 - Cargo 74 - Lights 80 - Fuel System 75 - Signals 88 - Other 89 - Unk.													

2010002918

Unit:	Date of Birth	Sex:	Race	INJ:	Seat	R/S/D	A.B.D.	Eject	LAI:	Tran:	Name	Street Address	Zip Code																																																																																																																																																																																																
01	08-11-1964	M	B	0	01	13	1	3	1	2	BRUCE HOWARD LEONA	244 EAST EUFAULA ST OZARK AL	36360																																																																																																																																																																																																
<table border="1"> <tr> <td colspan="2">Race</td> <td colspan="2">A - Asian/Pacific Islander</td> <td colspan="2">W - Caucasian</td> <td colspan="2">a) Injury Status</td> <td colspan="2">2-Non-Inspicating</td> <td colspan="2">Seating Loc.</td> <td colspan="2">20-Pedestrian</td> <td colspan="2">60-Sleeper of Cab</td> <td colspan="2">Restraint/Safety Device</td> </tr> <tr> <td colspan="2">B - African American</td> <td colspan="2">H - Hispanic</td> <td colspan="2">O - Other</td> <td colspan="2">0-Not Injured</td> <td colspan="2">3-Incapacitating</td> <td colspan="2">01 02 03</td> <td colspan="2">30-Trailing Unit</td> <td colspan="2">70-Riding on Unit Exterior</td> <td colspan="2">00-None Used</td> </tr> <tr> <td colspan="2">I - Alaskan Native or American Indian</td> <td colspan="2">U - Unk.</td> <td colspan="2"></td> <td colspan="2">1-Possible Injury</td> <td colspan="2">4-Fatal</td> <td colspan="2">04 05 06</td> <td colspan="2">40-Bus or Van (4th row or Higher)</td> <td colspan="2">80-Lap</td> <td colspan="2">11-Shoulder belt</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">07 08 09</td> <td colspan="2">50-Other Enclosed Area (nontrailing)</td> <td colspan="2">99-Unk./NA</td> <td colspan="2">12-Lap Belt Only</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">51-Other Unenclosed Area (nontrailing)</td> <td colspan="2"></td> <td colspan="2">13-Shoulder & Lap Belt</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">Pedestrian, Motor/Pedestrian Only</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">31-Helmet</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">51-Reflective Clothing</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">41-Protective Pads</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">61-Lighting</td> </tr> </table>														Race		A - Asian/Pacific Islander		W - Caucasian		a) Injury Status		2-Non-Inspicating		Seating Loc.		20-Pedestrian		60-Sleeper of Cab		Restraint/Safety Device		B - African American		H - Hispanic		O - Other		0-Not Injured		3-Incapacitating		01 02 03		30-Trailing Unit		70-Riding on Unit Exterior		00-None Used		I - Alaskan Native or American Indian		U - Unk.				1-Possible Injury		4-Fatal		04 05 06		40-Bus or Van (4th row or Higher)		80-Lap		11-Shoulder belt												07 08 09		50-Other Enclosed Area (nontrailing)		99-Unk./NA		12-Lap Belt Only														51-Other Unenclosed Area (nontrailing)				13-Shoulder & Lap Belt																		Pedestrian, Motor/Pedestrian Only																		31-Helmet																		51-Reflective Clothing																		41-Protective Pads																		61-Lighting													
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JAN 25 2011

ORIGINAL

SOUTH CAROLINA DPS/OHS & DMV USE ONLY				SOUTH CAROLINA TRAFFIC COLLISION REPORT FORM				# Of Units		Amended - Attach Copy of Original Report		Notified		Arrived	
10151295				Page # 1 of 1				TR - 310 (Rev. 7/2010)		02		0051		0059	
Date		Time of Collision		County		Collision Location (Rt. # / Name)		Miles: Dir.		In (Near) City or Town of:					
12-29-2010		0945		11		E 85		3.07 N E S W		BLACKSBURG					
Lane # / Dir.		Distance Offset		Direction		Base Intersection (Rt. # / Name)		Main 6-Connection		GPS COORDINATES 00 00 00.00"					
# 2 4 S W		.75		N E S W		00 TRIBAL RD		2-Alternate 7-Business		DEGREES MINUTES SECONDS					
R.R. Id.		From		Ramp Only		Second Intersection (Rt. # / Name)		Main 6-Connection		Latitude					
		N E 1 - Entrance		S W 2 - Exit		20 E CHEROKEE ST		2-Alternate 7-Business		Longitude					
								S Spur 8-Other		35 00 34.57					
										81 28 02.44					
E-018739				Driver/Pedestrian's Full Name				E-018740				Driver/Pedestrian's Full Name			
DOERHOLT CHRISTIAN ANTHONY				GREENE RASHAD HENRI											
Unit #		Sex		Race		Street/R.F.D.		Unit #		Sex		Race		Street/R.F.D.	
01		M		W		107 WOOD LILY LN		02		M		B		208 N GREENBAY RD APT 208	
1		Birth Date		City, State, & Zip		Birth Date		1		Birth Date		City, State, & Zip		Birth Date	
		01-02-1938		SPARTANBURG SC 293072713						08-03-1987		WAUKEGAN IL 60085			
State		Driver's License #		Class		Insurance Company		State		Driver's License #		Class		Insurance Company	
SC		002154756		D		NATIONWIDE		IL		G650-7288-7220		D		USAA	
Year		Body		Vehicle Make		VIN #		Year		Body		Vehicle Make		VIN #	
1995		SU		JEEP		1J4FX58S8SC00324		2009		HB		MAZD		JM1BK343791243827	
State		Year		License Plate #		Owner's D.L. #		State		Year		License Plate #		Owner's D.L. #	
SC		2011		GEA373		UNKNOWN		VA		2010		XUG876		G650-7288-7220	
Home Telephone		Owner's Full Name		Home Telephone		Owner's Full Name		Home Telephone		Owner's Full Name		Home Telephone		Owner's Full Name	
(884) 5790750		NEBEL GUENTHER FRANZ		(757) 5433138		GREENE RASHAD HENRI		(757) 7738387		USS OSCAR AUSTIN DDG-70		(757) 7738387		USS OSCAR AUSTIN DDG-70	
Bus. Telephone		Street/R.F.D.		Bus. Telephone		Street/R.F.D.		Bus. Telephone		Street/R.F.D.		Bus. Telephone		Street/R.F.D.	
()		144 EDGEcombe RD		()		144 EDGEcombe RD		()		144 EDGEcombe RD		()		144 EDGEcombe RD	
Contributed To Collision		City, State, & Zip		Contributed To Collision		City, State, & Zip		Contributed To Collision		City, State, & Zip		Contributed To Collision		City, State, & Zip	
Yes		SC 29307		Yes		VA 09581		Yes		VA 09581		Yes		VA 09581	
Estimated Speed		Speed Limit		C.D.L. Req. Yes (No)		T/B S Req. Yes (No)		Estimated Speed		Speed Limit		C.D.L. Req. Yes (No)		T/B S Req. Yes (No)	
65		65		Yes (No)		Yes (No)		65		65		Yes (No)		Yes (No)	
Summons #		Code		Summons #		Code		Summons #		Code		Summons #		Code	
								E798823		22					
Driver/Pedestrian's Full Name		Driver/Pedestrian's Full Name		Driver/Pedestrian's Full Name		Driver/Pedestrian's Full Name		Driver/Pedestrian's Full Name		Driver/Pedestrian's Full Name		Driver/Pedestrian's Full Name		Driver/Pedestrian's Full Name	
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SC		002154756		D		NATIONWIDE		IL		G650-7288-7220		D		USAA	
Year		Body		Vehicle Make		VIN #		Year		Body		Vehicle Make		VIN #	
1995		SU		JEEP		1J4FX58S8SC00324		2009		HB		MAZD		JM1BK343791243827	
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Summons #		Code		Summons #		Code		Summons #		Code		Summons #		Code	
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()		144 EDGEcombe RD		()		144 EDGEcombe RD		()		144 EDGEcombe RD		()		144 EDGEcombe RD	
Contributed To Collision		City, State, & Zip		Contributed To Collision		City, State, & Zip		Contributed To Collision		City, State, & Zip		Contributed To Collision		City, State, & Zip	
Yes		SC 29307		Yes		VA 09581		Yes		VA 09581		Yes		VA 09581	
Estimated Speed		Speed Limit		C.D.L. Req. Yes (No)		T/B S Req. Yes (No)		Estimated Speed		Speed Limit		C.D.L. Req. Yes (No)		T/B S Req. Yes (No)	
65		65		Yes (No)		Yes (No)		65		65		Yes (No)		Yes (No)	
Summons #		Code		Summons #		Code		Summons #		Code		Summons #		Code	
								E798823		22					
Driver/Pedestrian's Full Name		Driver/Pedestrian's Full Name		Driver/Pedestrian's Full Name		Driver/Pedestrian's Full Name		Driver/Pedestrian's Full Name		Driver/Pedestrian's Full Name		Driver/Pedestrian's Full Name		Driver/Pedestrian's Full Name	
Unit #		Sex		Race		Street/R.F.D.		Unit #		Sex		Race		Street/R.F.D.	
01		M		W		107 WOOD LILY LN		02		M		B		208 N GREENBAY RD APT 208	
1		Birth Date		City, State, & Zip		Birth Date		1		Birth Date		City, State, & Zip		Birth Date	
		01-02-1938		SPARTANBURG SC 293072713						08-03-1987		WAUKEGAN IL 60085			
State		Driver's License #		Class		Insurance Company		State		Driver's License #		Class		Insurance Company	
SC		002154756		D		NATIONWIDE		IL		G650-7288-7220		D		USAA	
Year		Body		Vehicle Make		VIN #		Year		Body		Vehicle Make		VIN #	
1995		SU		JEEP		1J4FX58S8SC00324		2009		HB		MAZD		JM1BK343791243827	
State		Year		License Plate #		Owner's D.L. #		State		Year		License Plate #		Owner's D.L. #	
SC		2011		GEA373		UNKNOWN		VA		2010		XUG876		G650-7288-7220	
Home Telephone		Owner's Full Name		Home Telephone		Owner's Full Name		Home Telephone		Owner's Full Name		Home Telephone		Owner's Full Name	
(884) 5790750		NEBEL GUENTHER FRANZ		(757) 5433138		GREENE RASHAD HENRI		(757) 7738387		USS OSCAR AUSTIN DDG-70		(757) 7738387		USS OSCAR AUSTIN DDG-70	
Bus. Telephone		Street/R.F.D.		Bus. Telephone		Street/R.F.D.		Bus. Telephone		Street/R.F.D.		Bus. Telephone		Street/R.F.D.	
()		144 EDGEcombe RD		()		144 EDGEcombe RD		()		144 EDGEcombe RD		()		144 EDGEcombe RD	

2010010660

Unit	Date of Birth	Sex	Race	INJ	Seat	RSD	ABD	Eject	LAI	Trans	Name	Street Address	Zip Code
01	01-02-1939	M	W	0	01	13	4	3	1	1	2	DOERHOLT CHRISTIAN ANTHO	107 WOOD LILY LN SPARTANBU SC 293072713
02	08-03-1987	M	B	0	01	13	4	3	1	1	2	GREENE RASHAD HENRI	206 N GREENBAY RD APT WAUKEGAN IL 60085

Race	A - Asian/Pacific Islander	W - Caucasian	a) Injury Status	2 - Non-injuring	Seating Loc.	20 - Pedestrian	80 - Sleeper of Cab	Restrain/Safety Device
B - African American	H - Hispanic	O - Other	0 - Not Injured	3 - Injuring	01 02 03	30 - Trailing Unit	70 - Riding on Unit Exterior	00 - None Used
I - Alaskan Native or American Indian	U - Unk.	1 - Possible Injury	4 - Fatal	04 05 06	40 - Bus or Van (4th row or Higher)	80 - Lap	11 - Shoulder belt	21 - Child
Air Bag Deployment / Switch	Ejection	b) 2 or 3 Wheel Motorized Vehicle	Head Injury	1 - Yes	07 08 09	50 - Other Enclosed Area (nontrailing)	99 - Unk./NA	12 - Lap Belt Only
1 - Deployed Front 4 - Not Deployed	1 - Not Ejected	Location After Impact	3 - Freed (non-mech.)	2 - No	a) Transported to Medical Facility	51 - Other Unenclosed Area (nontrailing)	13 - Shoulder & Lap Belt	99 - Unk.
2 - Deployed Side 7 - Not Applicable	2 - Part Ejected	1 - Not Trapped	4 - Not Applicable	1 - Yes	2 - No	3 - Unknown	31 - Helmet	51 - Reflective Clothing
3 - Deployed Both 9 - Deployment Unk.	3 - Tot. Ejected	2 - Extricated (Mechanical Means)	8 - Unknown	b) By:	1 - EMS	2 - Police	8 - Other	9 - Unk.
1 - Switch in On Position 3 - No Switch	7 - Not App	Sequence of Events						41 - Protective Pads
2 - Switch in Off Position 8 - Unknown	8 - Unk.							61 - Lighting

Non-Collision	04 - Equipment Failure	Collision Not Fixed	27 - Pedestrian	Collision Fixed Object	47 - Embankment	55 - Mail Box	66 - Other
01 - Cargo/Equip Load or Shift	05 - Fire/Explosion	20 - Animal (Dist Only)	28 - Railway Veh	40 - Bridge Overhead Structure	48 - Equipment	56 - Median Barrier	68 - Unk.
02 - Cross Median/Center	06 - Imposition	21 - Animal (Ab Other)	29 - Worn Zone Mount Equip	41 - Bridge Pier/End	49 - Fence	57 - Overhead Sign Support	
03 - Downhill Runaway	07 - Jackknifed	22 - Motor Veh. (In Transport)	30 - Other Movable Object	42 - Bridge Pier or Abutment	50 - Guardrail End	58 - Other (Post, Pole, Support, Etc.)	
04 - Equipment Failure	08 - Overturn/Rollover	23 - Motor Veh. (Strapped)	31 - Other Movable Object	43 - Bridge Rail	51 - Guardrail Fenc	59 - Other (Wall, Building, Tunnel, Etc.)	
05 - Fire/Explosion	09 - Run off Road Left	24 - Motor Veh. (Other Roadway)	32 - Unk. Movable Object	44 - Culvert	52 - Highway Traffic Sign Post	60 - Tree	
06 - Imposition	10 - Run off Road Right	25 - Motor Veh. (Parkd)		45 - Curb	53 - Impact Attenuator/Crash Cushion	61 - Utility Pole	
07 - Jackknifed	11 - Separation of Units	26 - Pedestrian		46 - Ditch	54 - Light/Luminaire Support	62 - Work Zone Maint. Equipment	
08 - Overturn/Rollover	12 - Spill (Non-Hazardous Veh)						
09 - Run off Road Left	13 - Other Non-collision						
10 - Run off Road Right	14 - Unk. Non-collision						
11 - Separation of Units							
12 - Spill (Non-Hazardous Veh)							
13 - Other Non-collision							
14 - Unk. Non-collision							

Manner of Collision (Struck Veh)	30 - Rear-to-Rear	50 - Sideswipe Same Dir	1st / Most Deformed Area	1st Deformed	1st / Most Deformed	1st / Most Deformed
00 - Not Coll. w/ Motor Veh.	41 - Angle (↖↗)	60 - Sideswipe Opposite Dir	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	
10 - Rear End	42 - Angle (↖↗)	70 - Backed Into				
20 - Head On	43 - Angle (↖↗)	99 - Unknown				

Vehicle Type	15 - Full Size Van	27 - Motorcycle	61 - School Bus	1st / Most Deformed Area	1st Deformed	1st / Most Deformed
01 - Automobile	16 - Mini Van	28 - Animal Drawn Veh	62 - Passenger Bus	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	
12 - Pickup Truck	17 - Sport Utility	39 - Animal (Ridden)	98 - Other			
13 - Truck Tractor	25 - Motorcycle	41 - Pedestrian	99 - Unk. (Hit and Run Only)			
14 - Other Truck	26 - Motorbike	51 - Train				

Vehicle Use Code	04 - Ambulance	08 - Farm Use	12 - Fire Fighting	1st / Most Deformed Area	1st Deformed	1st / Most Deformed
01 - Personal	05 - Military	09 - Wrecker or Tow	13 - Logging	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	
02 - Driver Training	06 - Transport Passenger	10 - Police	18 - Other			
03 - Construction/Maint	07 - Transport Property	11 - Government <th>41 - Pedestrian</th> <td></td> <td></td>	41 - Pedestrian			

Vehicle Attachment	4 - Utility Trailer	8 - Towed Motor Vehicle	C - Other Tanker	1st / Most Deformed Area	1st Deformed	1st / Most Deformed
1 - None	5 - Farm Trailer	9 - Petroleum Tanker	D - Flat Bed	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	
2 - Mobile Home	6 - Trailer w/Boat	A - Lowboy Trailer	E - Tank Trailers			
3 - Semi-Trailer	7 - Camper Trailer	B - Autocenter Trailer	F - Other			

Action Prior to Impact	(Vehicle)	(Non-motorist)	1st / Most Deformed Area	1st Deformed	1st / Most Deformed
01 - Backing	06 - Parked	21 - Approaching/Leaving Vehicle	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	
02 - Changing lanes	08 - Stopping or	22 - Entering/Crossing Location			
03 - Entering traffic lane	Stopped in traffic	23 - Playing/Working on Vehicle			
04 - Leaving traffic lane	10 - Turning left	24 - Pushing Vehicle			
05 - Making U-turn	11 - Turning right	25 - Standing			
06 - Movements Essentially Straight Ahead <th>26 - Walking, Playing, Cycling</th> <td></td> <td></td> <td></td>	26 - Walking, Playing, Cycling				
07 - Overtaking/passing <th>88 - Other</th> <th>99 - Unk.</th> <td></td> <td></td>	88 - Other	99 - Unk.			

Weather Condition	3 - Cloudy	8 - Fog, Smog, Smoke	1st / Most Deformed Area	1st Deformed	1st / Most Deformed
1 - Clear (no adverse conditions)	4 - Sleet, Hail	7 - Blowing Sand, 8 - Severe Crosswinds	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	
2 - Rain	5 - Snow	Oil, Dirt or Snow			

Light Condition	3 - Dark	6 - Dark (Street Lamp Not Lit)	1st / Most Deformed Area	1st Deformed	1st / Most Deformed
1 - Daylight	4 - Dark (Lighting Unspecified)	7 - Dark (No Lights)	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	
2 - Dawn	5 - Dark (Street Lamp Lit)				

Junction Type	03 - Five/More Points	07 - Shared Use Paths or Trail	12 - Intersection	1st / Most Deformed Area	1st Deformed	1st / Most Deformed
01 - Crossover	04 - Four-way Intersection	08 - T-Intersection	13 - Nonjunction	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	
02 - Driveway	05 - Railway Grade Crossing	09 - Traffic Circle				

Primary	Contributing Factors	09 - Made an Improper Turn	10 - Medical Related	Roadway	Non-Motorist	Environmental	82 - Obstruction
01 - Disregarded Signs, Signals, Etc	12 - Aggressive Operation of Vehicle	13 - Over-correcting/Over-steering	14 - Swerving to Avoiding Object	30 - Debris	48 - Other	60 - Animal in Road	83 - Weather Cond
02 - Distracted/Inattention	15 - Wrong Side or Wrong Way	16 - Under the Influence	17 - Vision Obscured (Within Unit)	31 - Non-highway Work	49 - Unk	61 - Glare	88 - Other
03 - Driving Too Fast for Conditions	18 - Improper Lane Usage/Change <th>19 - Cell Phone<th>20 - Tearing<td>32 - Obstruction in Roadway</td><td></td><td></td><td></td></th></th>	19 - Cell Phone <th>20 - Tearing<td>32 - Obstruction in Roadway</td><td></td><td></td><td></td></th>	20 - Tearing <td>32 - Obstruction in Roadway</td> <td></td> <td></td> <td></td>	32 - Obstruction in Roadway			
04 - Exceeded Authorized Speed Limit	21 - Working <th>22 - Other Improper Action<td></td><td>33 - Road Surface Condition (i.e., Wet)</td><td></td><td></td><td></td></th>	22 - Other Improper Action <td></td> <td>33 - Road Surface Condition (i.e., Wet)</td> <td></td> <td></td> <td></td>		33 - Road Surface Condition (i.e., Wet)			
05 - Failed to Yield Right of Way				34 - Rut, Holes, Bumps			
06 - Ran off Road				35 - Shoulders (None, Low, Soft, High)			
07 - Fatigued/Asleep				36 - Traffic Control Device (i.e., Missing)			
08 - Followed Too Closely				37 - Work Zone (Const Maint Utility)			
				38 - Worn, Travel-Polished Surface			

Vehicle Defect	70 - Brakes	76 - Windows/Shield	77 - Restraint System	78 - Truck Coupling	79 - Cargo	80 - Fuel System	88 - Other
71 - Steering	72 - Power Plant	73 - Tires/Wheel	74 - Lights	75 - Signals			

PROJECT DB-13 I-85 NSTRPIN 39024 SH 1 OF 4TRUCK-Climbing Lane
WARRANTSBY 7/1/02 DATE 6/20/02FILE NO. 1113.039094

CHK _____ DATE _____

TRUCK-CLIMBING LANE WARRANTS (WDM 12.4.1.2)

NEW VPI WILL BE NEAR 2165400. W/ CURVE LENGTH = 790'

NEW CREST VPI WILL BE NEAR 2183450 W/ CURVE LENGTH = 1881'

G₁ LENGTH = (2174419) - (2167490) = 424'G₁ = 4.5%

$$L = \frac{1}{4}(790') + 424' + \frac{1}{4}(1881') = 1092'$$

FROM WDM, FIG 12.3A, SPEED REDUCTION = 10 mphANS.LEVEL OF SERVICE

$$FES = TSFS - f_{LW} - f_{LC} - f_N - f_{IC} \quad (HCM 2000)$$

$$f_{LW} = 0.0 \quad (12' \text{ LANES})$$

$$f_{LC} = 0.0 \quad (2 \text{ LANES, } > 6 \text{ ft LC})$$

$$f_N = 0.0 \quad (\text{RURAL SEGMENT})$$

$$f_{IC} = 0.0 \quad (3 \text{ INTERCHANGES IN 6 MILES} = 0.5 \text{ IC/mi})$$

$$v_p = \frac{V}{PHF \cdot N \cdot f_{HV} \cdot f_p}$$

$\frac{1}{2}$ DIRECTIONALITY
ASSUMED FOR RURAL HCM 500

$$= \frac{(18,298 \text{ veh/day})(0.10)}{(0.80)(2)(0.917)(1.00)} \quad (\text{ANSWER ON CAT 2})$$

ASSUMED FOR RURAL

$$f_T = 1.5 \quad (\text{DOWNGRADE} = 4.5\%, \leq 7\%, \\ \% \text{ TRUCKS} = 18\% \\ (\text{UPGRADE} = 4.5\% < 0.5\%))$$

$$f_{HV} = \frac{1}{1 + P_T(E_T - 1) + P_R(E_R - 1)}$$

Assumes 0, not counted

$$= \frac{1}{1 + (0.18)(1.5 - 1)} = 0.917$$



PROJECT _____

PIN _____ SH 2 OF 4

BY _____ DATE _____

FILE NO. _____

CHK _____ DATE _____

$$\frac{f}{f_v} = 1.00 \text{ (NO OTHER DATA KNOWN, HEM p. 23 12)}$$

$$v_p = 1247 \text{ pc/hpl}$$

$$S_{(mph)} = FFS - \left[\left(FFS - \frac{160}{3} \right) \left(\frac{v_p + 30 FFS - 3400}{30 FFS - 1600} \right)^{2.6} \right]$$

$$= 75 - \left[\left(75 - \frac{160}{3} \right) \left(\frac{2245 + 30(75) - 3400}{30(75) - 1600} \right)^{2.6} \right]$$

$$= 59.6 \text{ mph}$$

$$D = \frac{v_p}{S} = \frac{1247}{59.6} = 20.9 \text{ pc/m/m}$$

$$\boxed{LOS = C}$$

ANS.

ON APPROACHES TO GRADES, E_T IS STILL 1.5. THEREFORE,
 f_{IV} DOES NOT CHANGE.

TRUCK-CLIMING LANE CONSIDERATION (HDM 12.4.1.2)

① DIRECTIONAL VOL. $> 1000 \text{ veh/h}$ Yes $(18,248 \frac{\text{veh}}{\text{h}})(0.10) = 1,820$

② CONSTRUCTION COSTS REASONABLE?

$$\text{EST: ADD'L SOIL @ } (3092 \text{ LF}) / (6 \text{ A}) / (1' \text{ A}) \approx 150,400 \text{ CF}$$

$$= \$5,580 \text{ CF}$$

$$\text{@ } 11.55/\text{CF}$$

$$= \$64,400$$

$$\text{ADD'L ASPHALT @ } (3092 \text{ LF}) / (2 \text{ A})$$

$$\approx 25,100 \text{ SF}$$

$$= 2,790 \text{ SF}$$

$$\text{@ } 1.910/\text{SF}$$

$$= 2,620 \text{ SF}$$

$$\text{@ } \$50.39/\text{ton}$$

$$= \$131,010$$

$$\text{ADD'L SUMMER @ } (1' \text{ A}) / (2,620 \text{ SF})$$

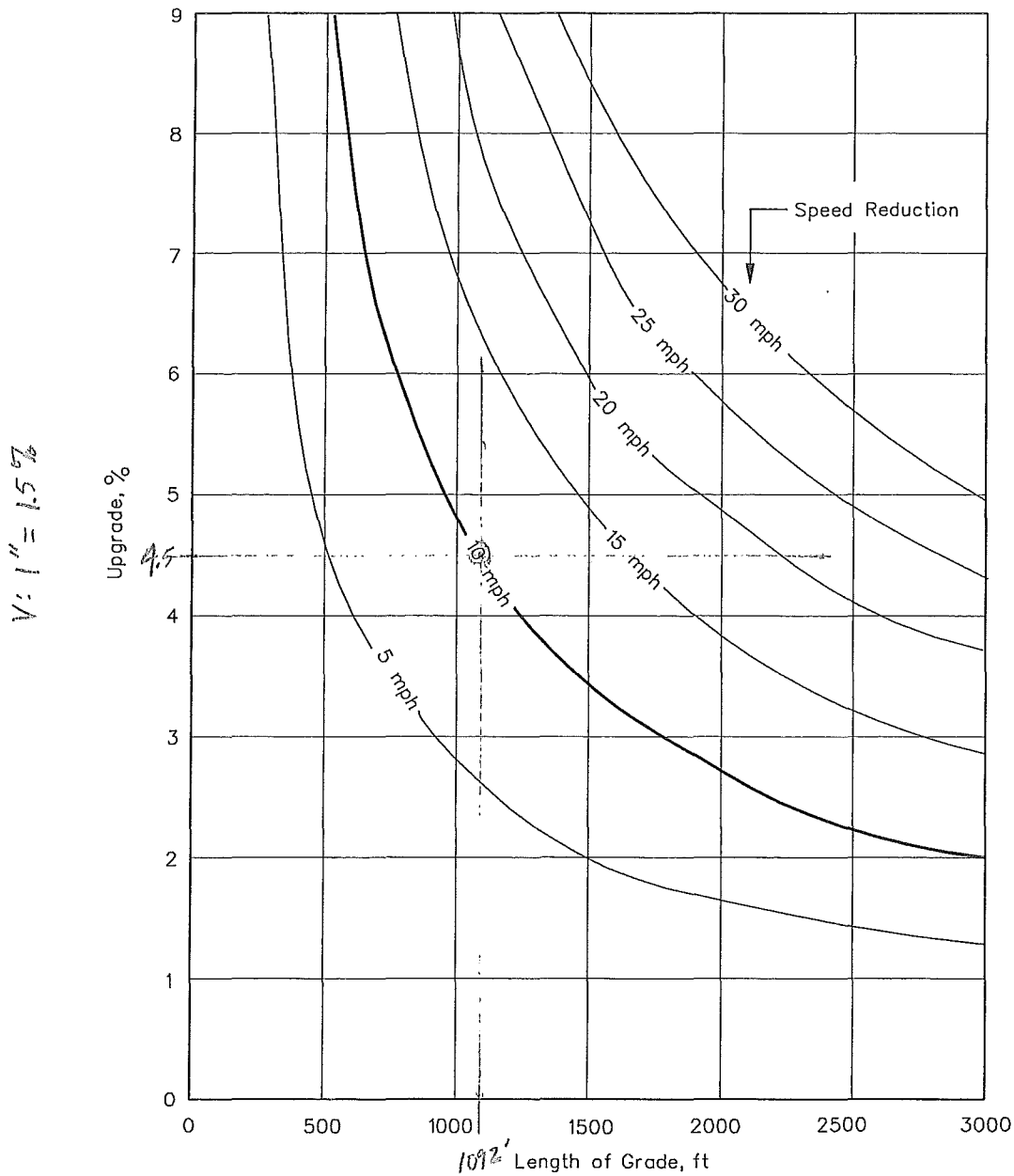
$$\approx 160 \text{ ton}$$

$$\text{@ } \$510.00$$

$$= \$81,400$$

(CONTINUED ON 4)

Sheet 3 of 4



$$H: \frac{3}{4}'' = 50 \text{ ft}$$

Notes:

1. Typically, the 10 mile-per-hour curve will be used.
2. See examples in this Section for use of figure.
3. Figure is based on a truck with initial speed of 70 miles per hour. However, it may be used for any design or posted speed.

CRITICAL LENGTH OF GRADE
(200 lb/hp Truck)

Figure 12.3A



PROJECT _____

PIN _____ SH 4 OF 4

BY _____ DATE _____

FILE NO. _____

CHK _____ DATE _____

ADD'L STRUCTURE WITH R (124)(169) = 2,035 SF
@ \$125/SF = \$254,375

SUMMARY RTYS = \$534,000

+ 50% INCIDENTAL = \$267,000

TOTAL = \$801,000

COSTS ABOVE DO NOT NECESSARILY INCLUDE
ROW COSTS. BUDGET FOR PROJECT IS \$10,500,000.
THE TRUCK-CLIMBING WOULD ADD AT LEAST 8%
THE PROJECT'S CONSTRUCTION COST.

2. BASED ON THE ABSENCE OF GRADE-RELATED
CRASHES IN THE 3 YEARS EVALUATED, THE
COST IS CONSIDERED UNEASURABLE.

NO

③ THE CRITICAL LENGTH OF GRADE FOR 10 mph SPEED
REDUCTION CURVE IS MET OR SLIGHTLY EXCEEDED.

YES

④ LOS ON UPGRADE IS C

NO

⑤ LOS FROM APPROACH TO GRADE IS NOT
AFFECTED.

NO

⑥ THREE-YEAR CRASH HISTORY CONTAINS NO CRASHES
ATTRIBUTABLE TO GRADE. THEREFORE, SAFETY
CONSIDERATIONS DO NOT REQUIRE TRUCK-CLIMBING
LANE

NO

WARRANTS (NORTHBOUND)

[① AND ② AND (③ OR ④ OR ⑤)] OR ⑥
= [YES AND NO AND (YES OR NO OR NO)] OR NO

WARRANTS NOT MET.

ANS.

WARRANTS (SOUTHBOUND)

SINCE SOUTHBOUND LANE IS LONGER THAN NORTHBOUND, WARRANT ⑥
WOULD NOT BE MET. ALL OTHER WARRANTS ARE AS FOR NORTHBOUND,
AND A TRUCK CLIMBING LANE IS NOT REQUIRED.



PROJECT I-85

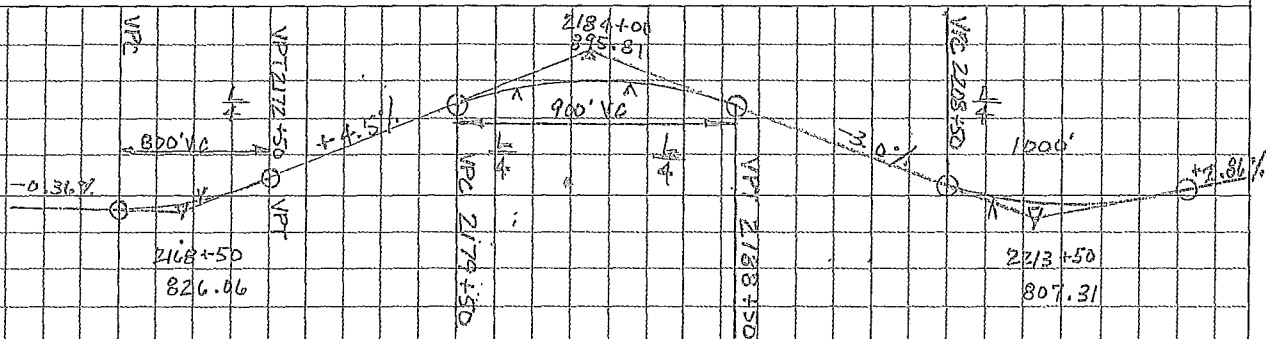
PIN _____ SH 1 OF 1

CRITICAL LENGTH OF _____

BY CEL DATE 5/25/12

FILE NO. GRADE

CHK _____ DATE _____



E: DETERMINE IF THE CRITICAL LENGTH OF GRADE IS EXCEEDED

G: VERTICAL GEOMETRY ABOVE
DESIGN SPEED REDUCTION THRESHOLD IS 10 MPH

Sol'n: G_1 (NORTHBOUND)

$$\text{LENGTH OF } 4.5\% \text{ GRADE IS } \left[\frac{217950 + 900}{4} \right] - \left[\frac{217250 - 800}{4} \right] = 1125'$$

@ UPGRADE @ 4.5% W/ 10 MPH REDUCTION LENGTH \approx 1100' (Fig 12.3A HDM)

CRITICAL LENGTH EXCEEDED.

G_2 (SOUTHBOUND)

$$\text{LENGTH OF } 3.0\% \text{ GRADE IS } \left[\frac{220850 + 250}{4} \right] - \left[\frac{218850 - 225}{4} \right] = 2475'$$

@ UPGRADE @ 3.0% W/ 10 MPH REDUCTION LENGTH \approx 1750' (Fig 12.3A HDM)

CRITICAL LENGTH EXCEEDED.