

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

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INTERDEPARTMENT CORRESPONDENCE

**FILE:** STP-0004-00(046) Chatham County  
P.I. No.: 0004046  
SR 307 @ CS 568/Old Louisville Road  
Safety/Intersection Improvements

**OFFICE:** Traffic Safety and Design  
Atlanta, Georgia

**DATE:** March 28, 2002

**FROM:** Phillip M. Allen, State Traffic Safety & Design Engineer

**TO:** Gary Priester, District Engineer, Jesup  
Attn: Tony Collins

**SUBJECT: APPROVED CONCEPT REPORT**

Attached is a copy of the approved concept report on the above listed project for your use and further handling.

This project consists of adding a right turn lane on the northbound approach of SR 307 and adding a right turn lane on the westbound approach of CS 568/Old Louisville Road. A stop and go traffic signal is not warranted.

By copy of this letter, this office is requesting for this project be assigned to Chuck Hasty as Project Manager. The design of this project will be handled under our Consultant Design Contract, STP-0001-00(853).

Should you have any questions, please contact Ken Werho of this office at 404-635-8144.

PMA:kms

Attachments

cc: Frank Danchetz  
Tom Turner, w/attach.  
David Mulling, w/attach.  
Wayne Hutto, w/attach.  
Herman Griffin, w/attach.  
Harvey Keepler, w/attach.  
Ollie Lindell, w/attach.  
General Files

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

PROJECT CONCEPT REPORT

CHATHAM COUNTY

City of Garden City, City of Savannah, and the City of Pooler

STP-0004-00(046)

FEDERAL ROUTE NO:

STATE ROUTE NO: 307

GADOT P.I. NO: 0004046

SEE ATTACHED  
LOCATION SKETCH

Date of Report: September 12, 2001

RECOMMENDED: 10/4/01  
DATE

Phillip M. Allen  
STATE TRAFFIC SAFETY AND DESIGN ENGINEER

RECOMMENDED: 10/18/01  
DATE

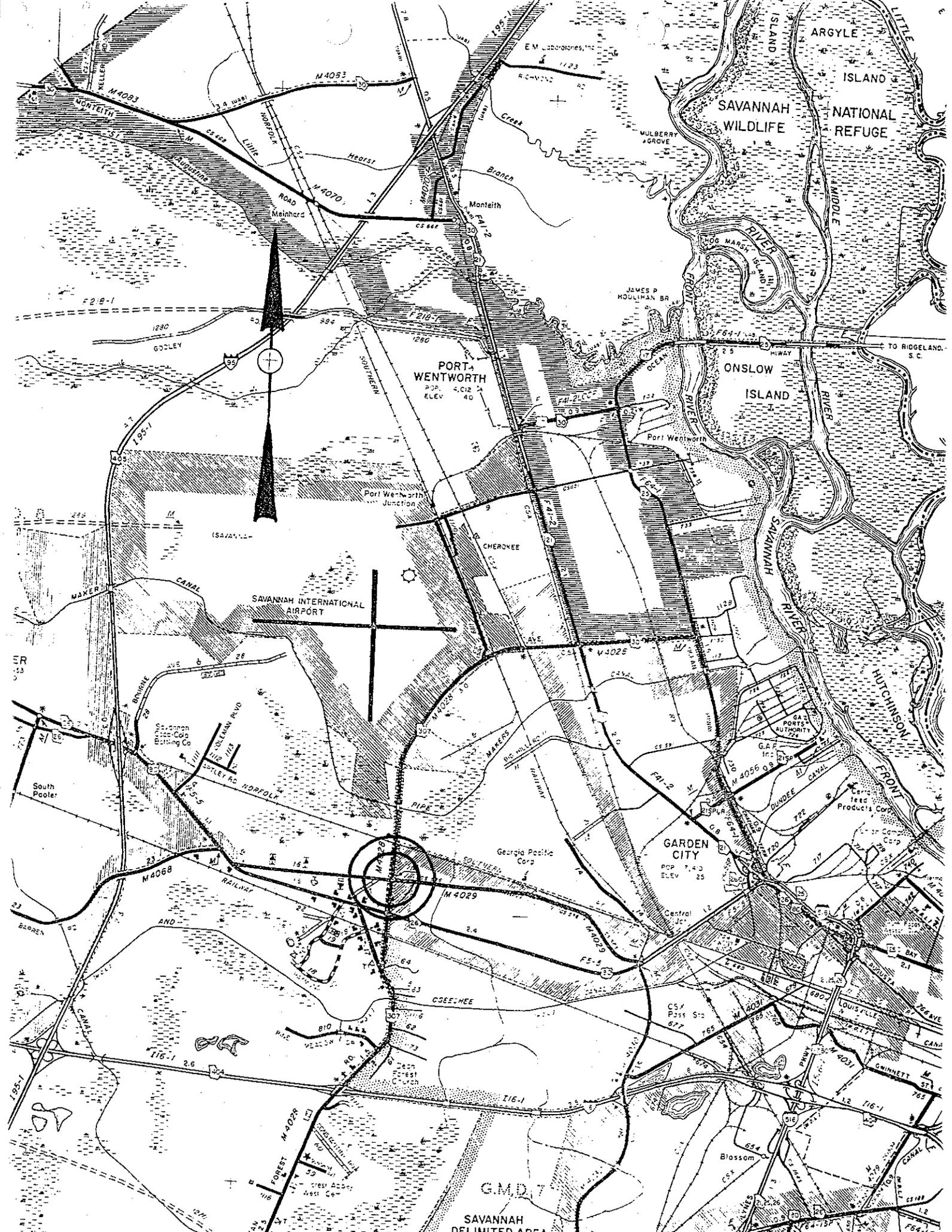
Gary D. Post  
DISTRICT ENGINEER

RECOMMENDED: 11/1/01  
DATE

John B. Priddy  
CHIEF ENGINEER

APPROVED: 11-1-01  
DATE

Tom Calhoun  
COMMISSIONER



G.M.D. 7  
SAVANNAH DELIMITED AREA

**PROJECT CONCEPT REPORT**

**P.I. No.:** 0004046

**Project No.:** STP-0004-00(046) Chatham County

**Route No.:** SR 307/Dean Forest Road @ CS 568R/Old Louisville Road

**Location:** The intersection of SR 307/Dean Forest Road @ CS 568R/Old Louisville Road is located approximately 1.1 miles north of the city limits of Savannah and 3 miles south of the city limits of Garden City.

**Description:** SR 307: Add a right turn lane on northbound approach.  
CS 568R/Old Louisville Road: Add a right turn lane on the westbound approach and realign the east side by creating a flush island that would provide channelization.

<b><u>Traffic – Current ADT:</u></b>	SR 307/Dean Forest Road	15,400 (1998 ADT)
	CS 568R/Old Louisville Road	119 (1998 ADT)

**Existing Typical:** SR 307: 4 – 12 ft. travel lanes, two in each direction, with a 14 ft. center turn lane and 2 ft. curb & gutter.  
CS 568R/Old Louisville Road: On east end of intersection 2 – 12 ft. travel lanes, one in each direction. On west end of intersection 2 – 10 ft. travel lanes, one in each direction, with little to no shoulder.

<b><u>Existing Right of Way:</u></b>	SR 307 -----	110' (Estimated)
	CS 568R/Old Louisville Road -----	50' (Estimated)

**Existing Traffic Control:** SR 307 is a through movement. CS 568R/Old Louisville Road is a stop and go movement controlled by stop signs. There is an overhead flashing beacon that aids in these controls.

**Existing Major Structures:** None.

**Statement of Need & Purpose:** Accident history for this intersection shows a total of nine accidents at this location for the year 2000, four being rear end accidents, 2 being right angle accidents and 3 left turn accidents. Due to the delay on SR 307 during peak hour and to accommodate the right turn movements of tractor trailers from Old Louisville Road, it is recommended that right turn lanes be added. It is also necessary to realign the East Side of Old Louisville Road, which will greatly enhance the operational efficiency of this intersection. To improve the safety and orderly progression of traffic through the intersection, these improvements are recommended.

**Bicycle & Pedestrian Considerations:** None.

**Length:** .23 miles

**Termini:** - SR 307 - - CS 586 -

**From M.P.:** 4.34 0.00

**To M.P. :** 4.56 0.10

**PDP Class:** Minor Existing

**Functional Class:** SR 307/Dean Forest Road ----- Rural Minor Arterial  
CS 586/Old Louisville Road ----- Rural City Street

**Max Degree of Curve:** +/- 1 Degrees

**Max Grades:** +/- 1 Degrees

**Design Speed:** SR 307/Dean Forest Road: 45 MPH

CS 586/Old Louisville Road: 35 MPH

**Proposed Typical Section:** SR 307/ Dean Forest Road: Add a 12 ft. right turn lane on the northbound approach.  
CS 586/Old Louisville Road: Add a 12 ft. right turn lane on the westbound approach.

**Proposed major structures:** None.

**Type Access:** By Permit.

**Traffic Control During Construction:** Existing operation shall be maintained during construction.

**Right-of-Way Requirement:** Chatham County shall be responsible for the acquisition of all Required Right-of-Way for this project.

**Utilities:** None anticipated.

**Estimated Cost:**

<b><u>Item</u></b>	<b><u>Total Amount</u></b>	
R/W -----	\$ 45,600	(By County LGPA)
Utilities -----	\$ 0	(By County LGPA)
Estimated LGPA Total -----	\$ 45,600	
Construction -----	\$ 178,000	
Traffic Signal -----	\$ 0	
Railroad Equipment -----	\$ 0	
E & C 10% -----	\$ 17,800	
Total Construction -----	\$ 195,000	

**Permits Required:** None

**Level of Environmental Analysis:** Categorical Exclusion.

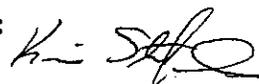
**Level of Public Involvement:** None.

**Time Saving Procedures Appropriate:** Yes (X) No ( )

**Design Variances Required:** None.

**Alternates Considered:** None.

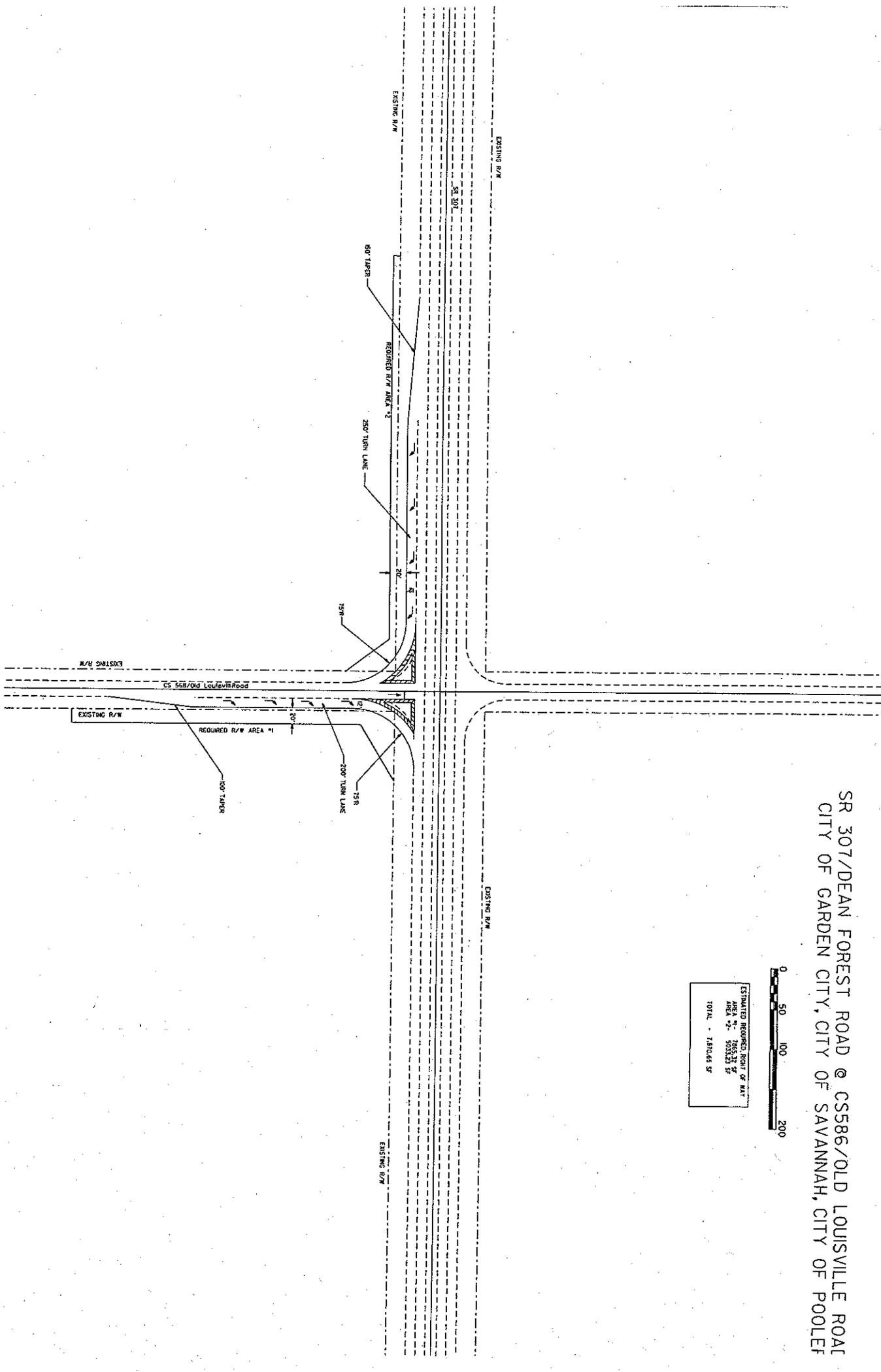
**Comments:**

Prepared By:   
Kevin Stefanik

SR 307/DEAN FOREST ROAD @ CS586/OLD LOUISVILLE ROAD  
 CITY OF GARDEN CITY, CITY OF SAVANNAH, CITY OF POOLEF



ESTIMATED REQUIRED RIGHT OF WAY	
AREA #1	50,000 SF
AREA #2	50,000 SF
TOTAL	100,000 SF



**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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**INTERDEPARTMENTAL CORRESPONDENCE**

**FILE:** S.R. 307/Dean Forest Rd. @ Old Louisville Rd.  
City of Garden City, Chatham Co.

**OFFICE:** Jesup, Georgia

**DATE:** February 28, 2001

**FROM:** Gary D. Priester, District Engineer

**TO:** Mr. Marion G. Waters, III, PE, State Traffic Operations Engineer  
Atlanta, Georgia – TMC  
**ATTN:** Melinda Boothe  
Ken Werho

**SUBJECT:** Traffic Engineering Study

Attached is a Traffic Engineering Study for the above-mentioned location. Based on our analysis of this location, we are not recommending the installation of a "stop and go" traffic signal at this time. However, we would like to recommend that a Federal Aid Safety Project be established to include the improvements detailed on attached plan sheet. If you have any questions or need any additional information, please contact at Cynthia Y. Phillips at (912) 427-5767.

OL:JAT:CP

Copy: Mr. Tom Gates, City Administrator, City of Garden City  
Mr. James Brown, Area Engineer, Savannah  
Mr. Anthony Collins, District Preconstruction Engineer

**DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRAFFIC OPERATIONS**

TRAFFIC ENGINEERING REPORT

DATE: February 28, 2001

COUNTY: Chatham

CITY: City of Garden City, City of Savannah, and the City of Pooler

LOCATION: S.R.307/Dean Forest Rd. @ Old Louisville Rd.

M.P.: 4.47

REQUESTED BY: Mr. Tom Gates, City Manager, City of Garden City

REASON FOR INVESTIGATION: To determine if a "stop and go" traffic signal or other roadway improvements are needed to improve the operation of this intersection.

TOPOGRAPHY: S.R. 307/Dean Forest Rd. is a typical four-lane curb and gutter highway that is divided by a fourteen-foot center turn lane. Although this area is well urbanized, all corners except the northeast quadrant that is vacant, is occupied with single residential homes. The existing right of way is approximately one hundred and ten feet.

At this location it is intersected by Old Louisville Rd., which is a two-lane rural route that serves several commercial businesses on the east side. The west side of Old Louisville Rd. is predominately residential with the exception of two large garden nurseries. Within this section of roadway there is approximately twenty feet of pavement with little or no shoulders. There are also trees and poles within the clear zone.

Note: For additional information, please see attached plan sheet.

Traffic Engineering Report  
S.R.307/Dean Forest Rd.  
Cities of Garden City, Savannah &  
Pooler, Chatham County  
February 28, 2001  
Page 2 of 4

VEHICULAR VOLUMES:	Peak Hour Volumes (4:00 P.M. – 5:00 P.M.)	Highest One Hour
	S.R.307/Dean Forest Rd. (Southbound)	952
	S.R.307/Dean Forest Rd. (Northbound)	435
	Old Louisville Rd. (Eastbound)	44
	Old Louisville Rd. (Westbound)	75
	Total Peak Hour Volume	1506
AVERAGE DAILY TRAFFIC (98):	S.R.307/Dean Forest Rd.	15400
POSTED SPEED:	S.R.307/Dean Forest Rd.	45 MPH
	Old Louisville Rd.	35 MPH
PEDESTRIAN MOVEMENT:	There was no pedestrian movement observed within the vicinity of this intersection.	
PARKING:	There are no on-street parking facilities provided at this location.	
EXISTING TRAFFIC CONTROLS:	The “stop and go” movements on Old Louisville Rd. are controlled by stop signs. There is an overhead flashing beacon that aid in these controls.	
MARKINGS:	S.R.307/Dean Forest Rd. is striped with thermoplastic pavement markings typical for a five-lane section roadway. All markings appear to be in good condition.  Old Louisville Rd. is striped with a painted double yellow centerline and a solid white edge line. These markings are in fair condition; however, it is recommended that the centerline and stop bar be re-striped for visibility.	
SIGHT DISTANCE:	There is adequate sight distance from each approach of the side street.	
CRASHES:	Within this twelve-month study period, there have been a total of nine-(9) crashes at this intersection. Please see attached diagram detailing (4) rear ends, (2) right angles, and (3) left turns.	

Traffic Engineering Report  
S.R.307/Dean Forest Rd.  
Cities of Garden City, Savannah &  
Pooler, Chatham County  
February 28, 2001  
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**OTHER INFORMATION:**

This location is located within the city limits of three municipalities. Although the City of Garden City requested the study for the north and east sides be reviewed, there may be a need to coordinate with the City of Pooler to improve the west side of Old Louisville Rd. to include the widening of the existing roadway and adding curb and gutter with any other improvements to be made at this location.

**PROBLEM:**

The observed problem is that there is not enough turning area to accommodate WB-50 trucks that are turning to and from Old Louisville Rd. In addition, it is recommended that a deceleration lane be added to accommodate the right turn volume off of the mainline, which is approximately eight percent.

**CONCLUSIONS:**

The information obtained in this study indicates that the following warrants were satisfied:

Warrant 2 – Interruption of Continuous Traffic – Satisfied for six hours  
Warrant 5 – Accident Experience – (2) Right Angles & (3) Left Turns

Although the above warrants were satisfied, it is recommended that a “stop and go” traffic signal not be permitted at this time. It is believed that other roadway improvements could be made to reduce the congestion within this intersection. Please find attached plan that details our proposal to add a right turn lane on the northbound approach of S.R.307 and on the westbound approach of Old Louisville Rd. We are also proposing to slightly realign the east side of Old Louisville Rd by creating a flush island that would provide channelization, which would reduce the number of potential conflicts in that area.

Traffic Engineering Report  
S.R.307/Dean Forest Rd.  
Cities of Garden City, Savannah &  
Pooler, Chatham County  
February 28, 2001  
Page 4 of 4

RECOMMENDATIONS:

- (1) It is recommended that a permit not be issued to install a "stop and go" traffic signal at the intersection of S.R.307/Dean Forest Rd. and Old Louisville Rd.
- (2) It is recommended that improvements be made to accommodate the right turn movements of tractor trailers to and from Old Louisville Rd.

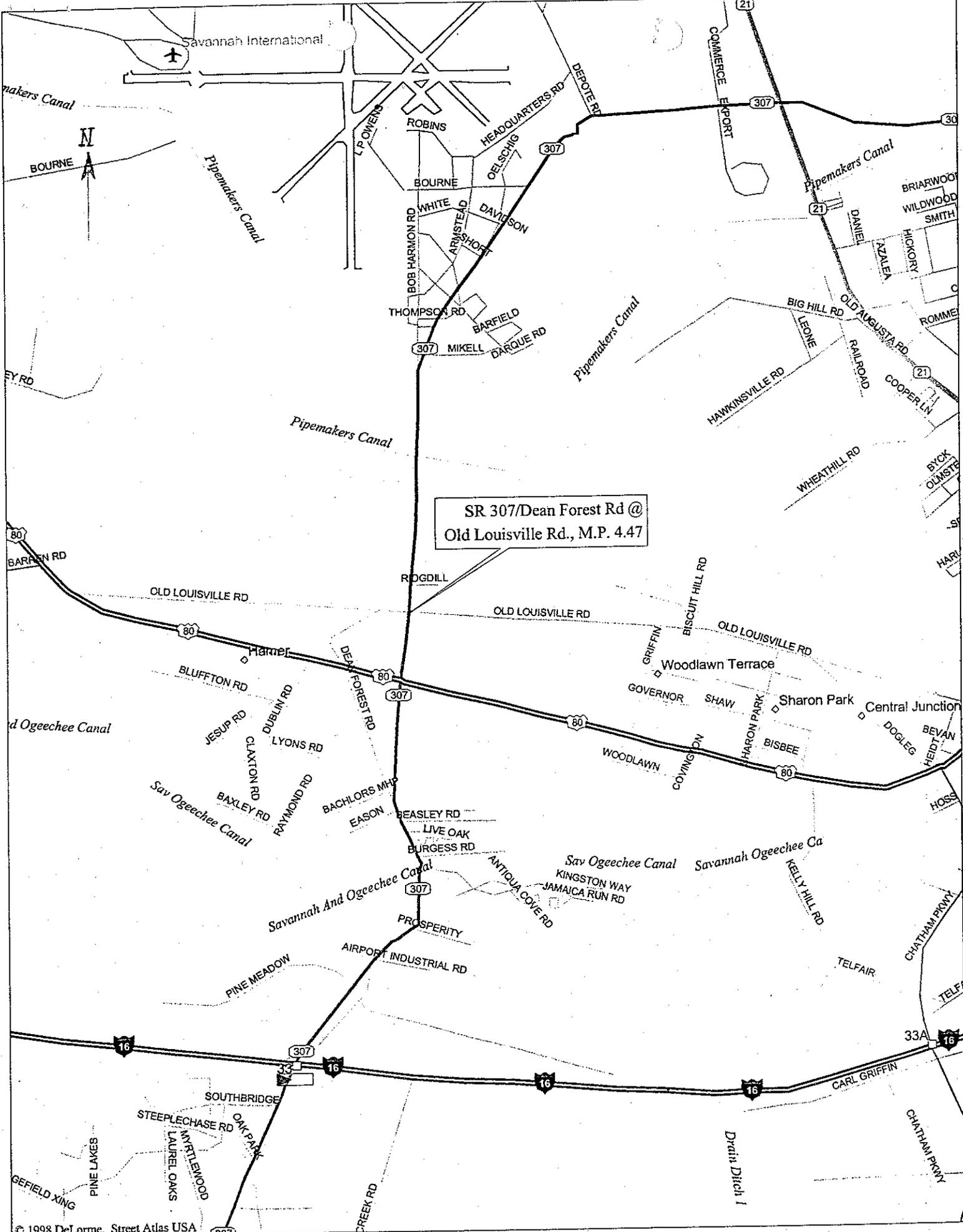
STUDY CONDUCTED BY: Cynthia Y. Phillips

OL:JAT:CP

RECOMMEND: OLLIE LINDALL DATE: 3/1/01

RECOMMEND: \_\_\_\_\_ DATE: \_\_\_\_\_

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_



SR 307/Dean Forest Rd @  
Old Louisville Rd., M.P. 4.47

Major Street Approaches:

Northbound:

sr 307

Data File: C:\PCWARR\SR307@OldLouis.war  
 Count Type: IMC. Channel: 0. Count Date: 9/14/ 0  
 Number of Lanes: 2  
 Approach Speed: 45  
 Total Approach Traffic: 2721

Southbound:

SR 307

Data File: C:\PCWARR\SR307@OldLouis.war  
 Count Type: IMC. Channel: 0. Count Date: 9/14/ 0  
 Number of Lanes: 2  
 Approach Speed: 45  
 Total Approach Traffic: 2857

Minor Street Approaches:

Eastbound:

OLD LOUISVILLE RD

Data File: C:\PCWARR\SR307@OldLouis.war  
 Count Type: IMC. Channel: 0. Count Date: 9/14/ 0  
 Number of Lanes: 1  
 Approach Speed: 45  
 Total Approach Traffic: 492

Westbound:

OLD LOUISVILLE RD

Data File: C:\PCWARR\SR307@OldLouis.war  
 Count Type: IMC. Channel: 0. Count Date: 9/14/ 0  
 Number of Lanes: 1  
 Approach Speed: 35  
 Total Approach Traffic: 461

Analysis of 8-Hour Volume Warrants (Criteria refers to high volume side street for that hour):

Hour	Main Begin(Total)	Side			Warrant 1		Warrant 2		Warrant 8	
		Vol.	Dir.	Rank	Meets?	Criteria	Meets?	Criteria	Meets?	Criteria
0	0	0	W	7		105		52		84
1	0	0	W	8		105		52		84
2	0	0	W	9		105		52		84
3	0	0	W	10		105		52		84
4	0	0	W	11		105		52		84
5	0	0	W	12		105		52		84
6	0	0	W	13		105		52		84
7	942	193	E	1	--BOTH--	105	--BOTH--	52	--BOTH--	84
8	911	118	E	2	--BOTH--	105	--BOTH--	52	--BOTH--	84
9	0	0	W	14		105		52		84
10	0	0	W	15		105		52		84
11	670	62	W	5	MAIN	105	--BOTH--	52	MAIN	84
12	722	56	W	6	MAIN	105	--BOTH--	52	MAIN	84
13	0	0	W	16		105		52		84
14	0	0	W	17		105		52		84
15	946	86	W	3	MAIN	105	--BOTH--	52	--BOTH--	84
16	1387	75	W	4	MAIN	105	--BOTH--	52	MAIN	84
17	0	0	W	18		105		52		84
18	0	0	W	19		105		52		84
19	0	0	W	20		105		52		84
20	0	0	W	21		105		52		84
21	0	0	W	22		105		52		84
22	0	0	W	23		105		52		84
23	0	0	W	24		105		52		84

Warrant Summary:

Rural values apply.

Warrant 1 - Minimum Vehicular Volumes

NOT SATISFIED. Required values reached for 2 hours. Criteria--Main St.: 420; Side St.: See Volume Summary.

Warrant 2 - Interruption of Continuous Traffic

NOT SATISFIED. Required values reached for 6 hours. Criteria--Main St.: 630; Side St.: See Volume Summary.

Warrant 3 - Minimum Pedestrian Volumes

NOT SATISFIED. Ped volumes too low. Criteria--190 Peds in peak hour, 100 peds in 4th high hour.

Warrant 4 - School Crossing

NOT APPLICABLE. Gap data has not been defined.

Warrant 5 - Progressive Movement

NOT SATISFIED. Adjacent signals closer than 1000 feet and/or not part of coordinated system.

Warrant 6 - Accident Experience

NOT SATISFIED. 0 correctable accidents is fewer than required 5.

Correctable Accidents: 0; Right Angle Accidents: 0; Left Turn Accidents: 0; Other Accidents: 0.

Warrant 7 - Systems Warrant

NOT SATISFIED. At least one street has no major approaches. Peak hour total entering volume: 1505.

NS - Approaches which are part of the principal through traffic roadway network.

- Approaches which include rural or suburban highways outside, entering or traversing a city.

- Approaches which appear as a major route in an official transportation plan.

Warrant 8 - Combination of Warrants

NOT SATISFIED. Required values reached for 3 hours. Criteria--Main: 504; Side: See Volume Summary.

Warrant 9 - Four Hour Volumes

SATISFIED for 4 hours.

Warrant 10 - Peak Hour Delay

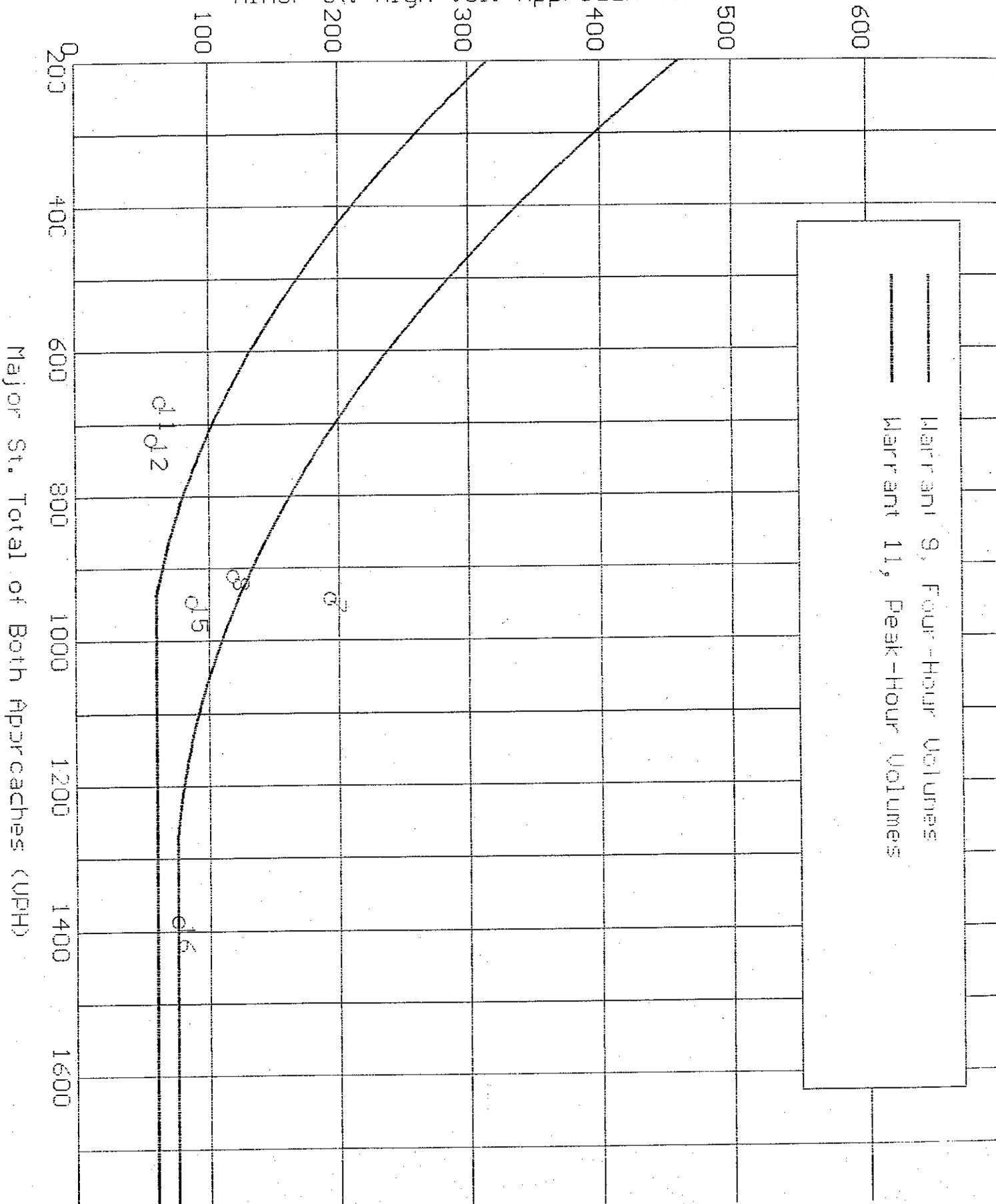
NOT SATISFIED. Peak hour (1600 hours) volume not adequate.

Criteria--Main St.: 800 (4 approaches), 650 (3 approaches); Side St.: 100.

Warrant 11 - Peak Hour Volume

SATISFIED for 2 hours.

Minor St. High Vol. Approach (UPII)

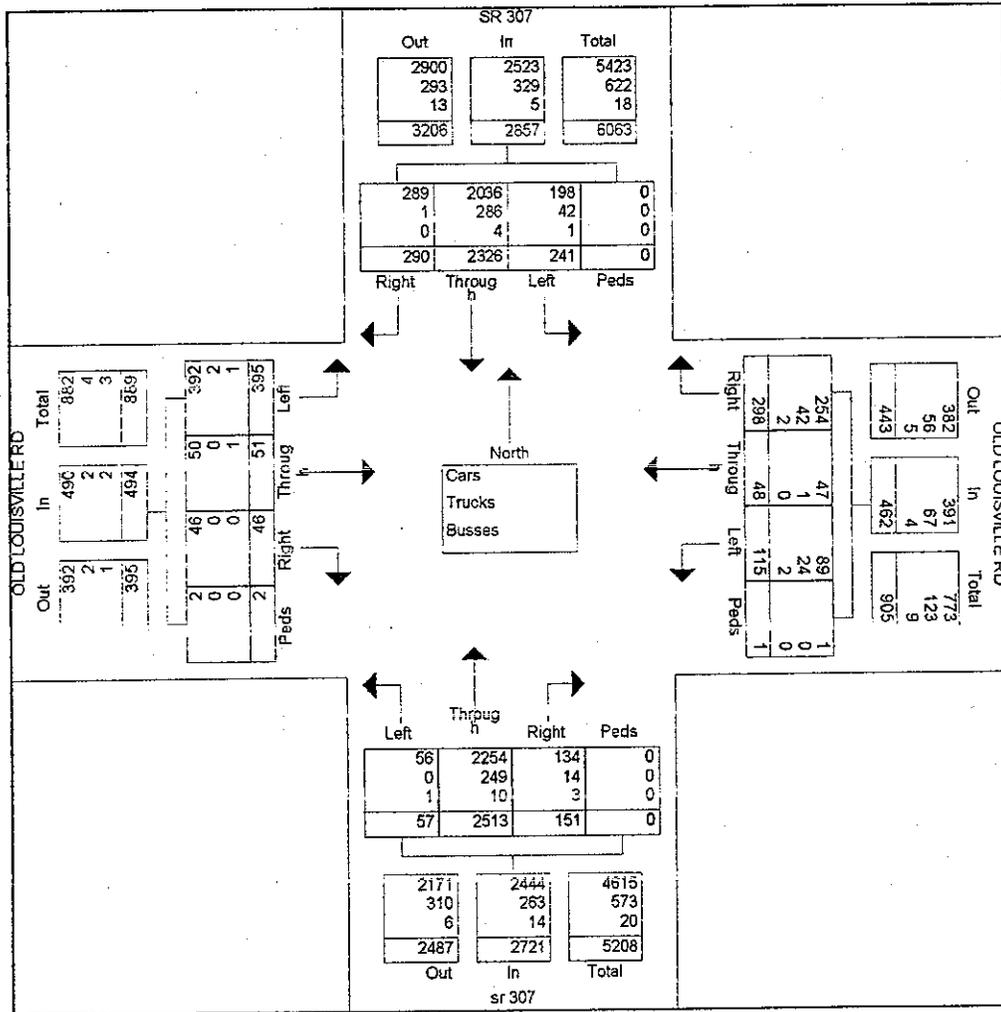


----- Barrant 9, Four-Hour Volumes  
———— Barrant 11, Peak-Hour Volumes

Major St. Total of Both Approaches (UPH)

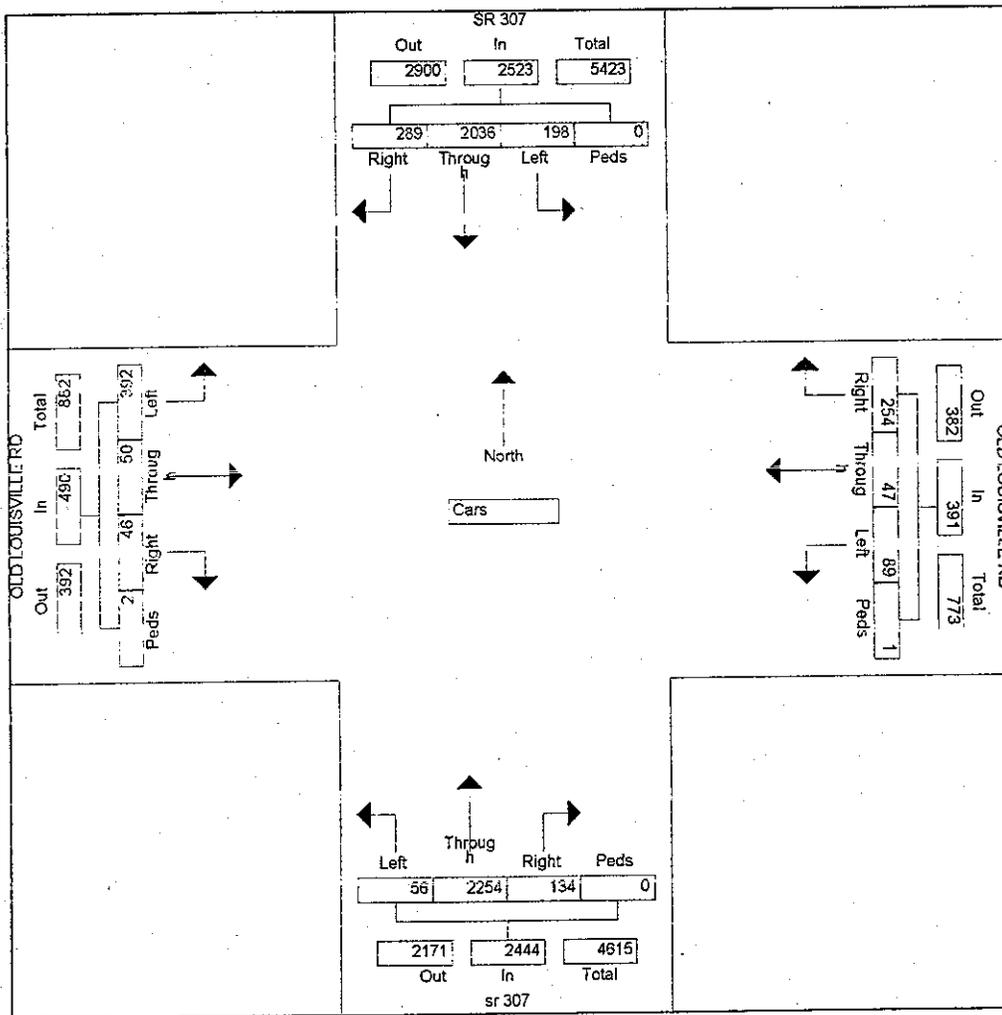
Groups Printed: Cars - Trucks - Busses

Start Time	SR 307 From North					OLD LOUISVILLE RD From East					sr 307 From South					OLD LOUISVILLE RD From West					Int. Total	
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total		
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0			
07:00	20	219	21	0	260	75	7	7	1	90	25	654	3	0	682	8	18	167	1	194	1226	
08:00	19	291	33	0	343	63	10	20	0	93	40	522	6	0	568	9	13	96	0	118	1122	
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	34	290	35	0	359	45	3	14	0	62	19	285	7	0	311	7	5	27	0	39	771	
12:00	47	293	43	0	383	29	8	19	0	56	19	311	9	0	339	6	5	44	0	55	833	
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	66	454	40	0	560	50	11	25	0	86	17	359	10	0	386	3	7	34	0	44	1076	
16:00	104	779	69	0	952	36	9	30	0	75	31	382	22	0	435	13	3	27	1	44	1506	
Grand Total	290	2326	241	0	2857	298	48	115	1	462	151	2513	57	0	2721	46	51	395	2	494	6534	
Apprch %	10.2	81.4	8.4	0.0		64.5	10.4	24.9	0.2		5.5	92.4	2.1	0.0		9.3	10.3	80.0	0.4			
Total %	4.4	35.6	3.7	0.0	43.7	4.6	0.7	1.8	0.0	7.1	2.3	38.5	0.9	0.0	41.6	0.7	0.8	6.0	0.0	7.6		



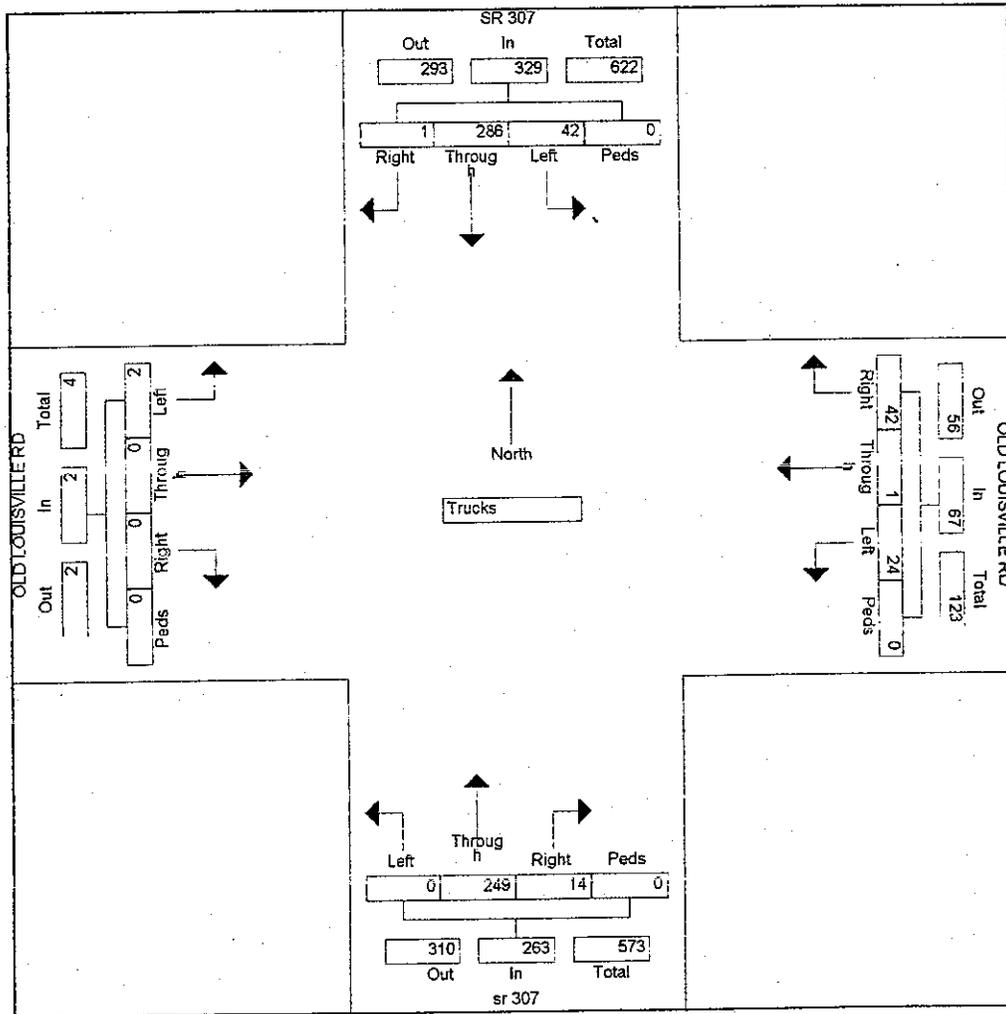
Groups Printed: Cars

Start Time	SR 307 From North					OLD LOUISVILLE RD From East					sr 307 From South					OLD LOUISVILLE RD From West					Int. Total					
	Right	Thro	ugh	Left	Peds	App. Total	Right	Thro	ugh	Left	Peds	App. Total	Right	Thro	ugh	Left	Peds	App. Total	Right	Thro		ugh	Left	Peds	App. Total	
Factor	1.0	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0	1.0			
07:00	20	184	21	0	0	235	68	7	5	1	0	81	25	626	3	0	0	654	8	18	165	1	0	192	1162	
08:00	19	249	26	0	0	294	53	10	16	0	0	79	39	498	6	0	0	543	9	13	96	0	0	118	1034	
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	34	251	31	0	0	316	36	3	14	0	0	53	18	255	7	0	0	280	7	5	26	0	0	38	687	
12:00	46	242	32	0	0	320	26	8	13	0	0	47	14	259	9	0	0	282	6	5	44	0	0	55	704	
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	66	401	27	0	0	494	41	10	17	0	0	68	13	289	9	0	0	311	3	6	34	0	0	43	916	
16:00	104	699	61	0	0	864	30	9	24	0	0	63	25	327	22	0	0	374	13	3	27	1	0	44	1345	
Grand Total	289	2036	198	0	0	2523	254	47	89	1	0	391	134	2254	56	0	0	2444	46	50	392	2	0	490	5848	
Apprch %	11.5	80.7	7.8	0.0	0.0		65.0	12.0	22.8	0.3	0.0		5.5	92.2	2.3	0.0			9.4	10.2	80.0	0.4	0.0			
Total %	4.9	34.8	3.4	0.0	0.0	43.1	4.3	0.8	1.5	0.0	6.7		2.3	38.5	1.0	0.0	41.8		0.8	0.9	6.7	0.0	8.4			



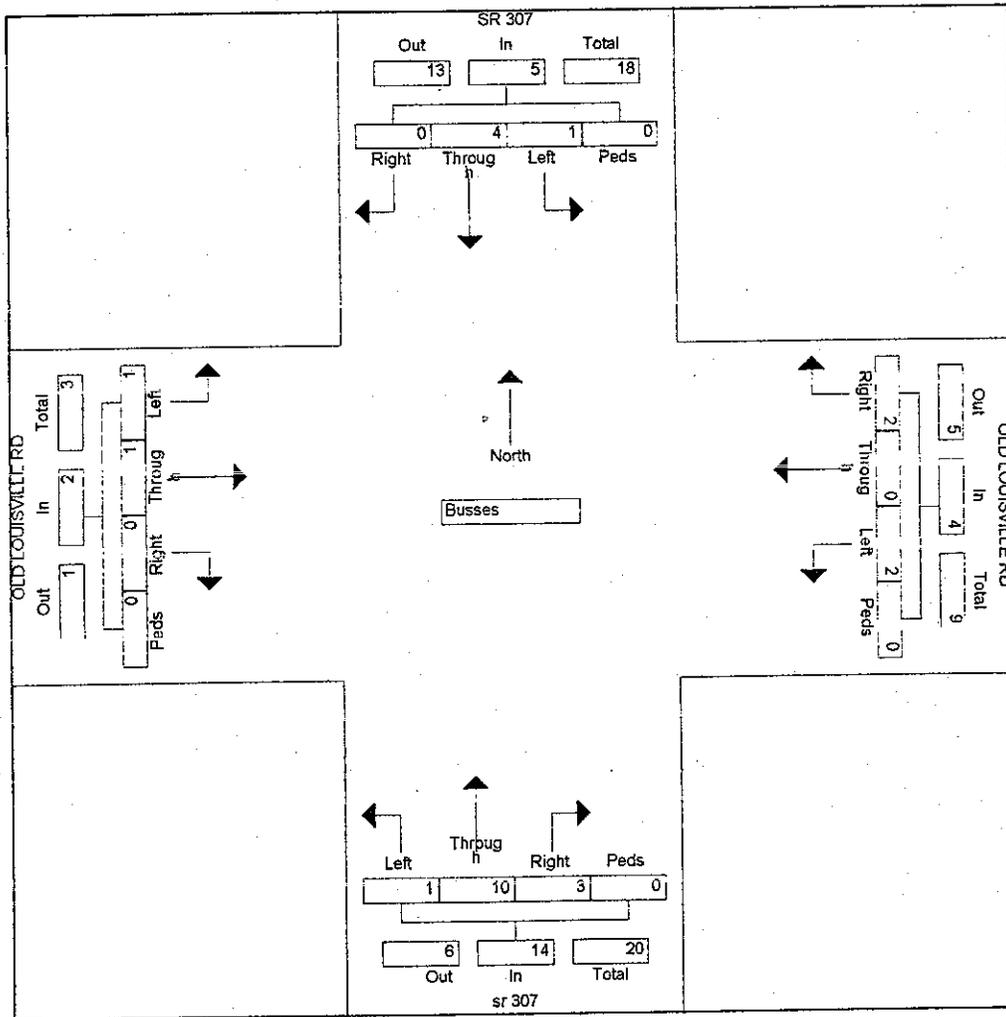
Groups Printed: Trucks

Start Time	SR 307 From North					OLD LOUISVILLE RD From East					sr 307 From South					OLD LOUISVILLE RD From West					Int. Total
	Right	Thro u g h	Left	Ped s	App. Total	Right	Thro u g h	Left	Ped s	App. Total	Right	Thro u g h	Left	Ped s	App. Total	Right	Thro u g h	Left	Ped s	App. Total	
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
07:00	0	23	0	0	23	7	0	1	0	8	0	25	0	0	25	0	0	1	0	1	57
08:00	0	40	6	0	46	9	0	4	0	13	0	23	0	0	23	0	0	0	0	0	82
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	39	4	0	43	9	0	0	0	9	1	30	0	0	31	0	0	1	0	1	84
12:00	1	51	11	0	63	3	0	6	0	9	5	51	0	0	56	0	0	0	0	0	128
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	0	53	13	0	66	8	1	8	0	17	2	68	0	0	70	0	0	0	0	0	153
16:00	0	80	8	0	88	6	0	5	0	11	6	52	0	0	58	0	0	0	0	0	157
Grand Total	1	286	42	0	329	42	1	24	0	67	14	249	0	0	263	0	0	2	0	2	661
Approch %	0.3	86.9	12.8	0.0		62.7	1.5	35.8	0.0		5.3	94.7	0.0	0.0		0.0	0.0	100.0	0.0		
Total %	0.2	43.3	6.4	0.0	49.8	6.4	0.2	3.6	0.0	10.1	2.1	37.7	0.0	0.0	39.8	0.0	0.0	0.3	0.0	0.3	

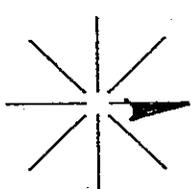


Groups Printed: Busses

Start Time	SR 307 From North					OLD LOUISVILLE RD From East					sr 307 From South					OLD LOUISVILLE RD From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
07:00	0	2	0	0	2	0	0	1	0	1	0	3	0	0	3	0	0	1	0	1	7
08:00	0	2	1	0	3	1	0	0	0	1	1	1	0	0	2	0	0	0	0	0	6
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	1	0	0	0	1	2	2	1	0	5	0	1	0	0	1	7
16:00	0	0	0	0	0	0	0	1	0	1	0	3	0	0	3	0	0	0	0	0	4
Grand Total	0	4	1	0	5	2	0	2	0	4	3	10	1	0	14	0	1	1	0	2	25
Approch %	0.0	80.0	20.0	0.0		50.0	0.0	50.0	0.0		21.4	71.4	7.1	0.0		0.0	50.0	50.0	0.0		8.0
Total %	0.0	16.0	4.0	0.0	20.0	8.0	0.0	8.0	0.0	16.0	12.0	40.0	4.0	0.0	56.0	0.0	4.0	4.0	0.0		



# COLLISION DIAGRAM



OLD LOUISVILLE ROAD

4-25-00 5:17 PM  
DRY/CLEAR

2-2-00 1:06 PM  
DRY/CLEAR

2-27-00 8:10 AM  
DRY/CLEAR

8-29-00 4:10 PM  
DRY/CLOUDY

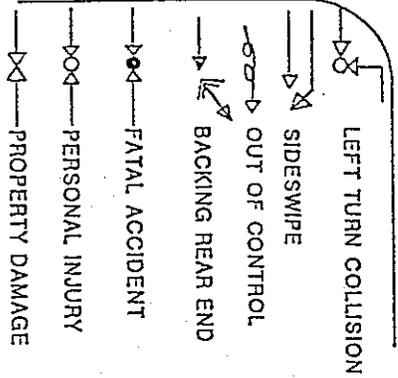
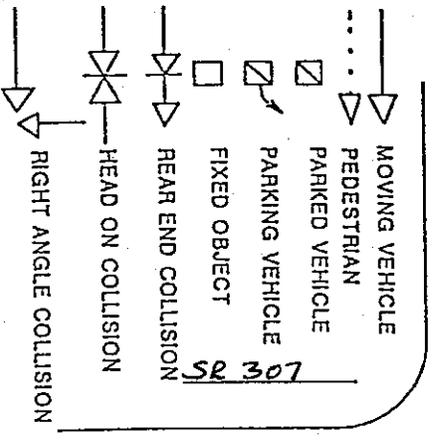
7-19-00 9:42 AM  
DRY/CLEAR

1-6-00 12:36 PM  
DRY/CLOUDY

10-2-00 11:30 AM  
DRY/CLEAR

4-26-00 11:55 AM  
DRY/CLEAR

3-2-00 5:55 AM  
DRY/CLEAR



INTERSECTION SR 307 @ OLD LOUISVILLE ROAD  
 COUNTY CHATHAM CITY GARDEN CITY DIST # 5  
 PERIOD 12 MONTHS FROM JUN. 00 TO DEC. 00

TIME OF DAY ACC.	NO. ACC'S.	DIR. OF APPROACH	NO. VEH.
6 AM - 10 AM	2	NORTH	1
10 AM - 4 PM	4	SOUTH	3
4 PM - 7 PM	3	EAST	13
7 PM - 12MID	—	WEST	—
12MID - 6 AM	—	TOTAL	18
TOTAL	9		

WEATHER	NO. ACC'S.	TYPE ACCIDENT	NO. ACC'S.
CLEAR	7	SIDESWIPE	—
CLOUDY	2	REAR END	4
RAIN	—	RT. ANGLE	2
FOG	—	LEFT TURN	3
SNOW	—	OTHER	—
TOTAL	9	TOTAL	9

PAVEMENT	NO. ACC'S.	ACCIDENT SEVERITY	NO. ACC'S.
DRY	9	FATAL	—
WET	—	NON FATAL	3
ICY	—	PROP. DAM. ONLY	4
TOTAL	9	TOTAL	9

TIME OF YEAR	NO. ACC'S.	TYPE OF VEHICLE	NO. VEH.
WINTER DEC-FEB	3	PASS. CARS	17
SPRING MAR-MAY	3	TRUCKS	1
SUMMER JUNE-AUG	2	OTHER	—
FALL SEPT-NOV	1		
TOTAL	9	TOTAL	18



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