

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: STP-0004-00(730) Carroll County
P.I. No.: 0004730
SR 8/US 78 @ CR 644/Rocky Branch Road
Safety/Intersection Improvements

OFFICE: Traffic Operations

DATE: July 26, 2002

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

TO: Kent Sager, District Engineer, Cartersville
Attn: DeWayne Comer

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 widening SR 8 in the southbound direction to provide for a left and right turn lane, existing westbound left turn lane will be lengthened to provide adequate storage and taper. CR 644/Rocky Branch Road will be realigned opposite Villa Trace Road and widened to provide for a right turn lane. A stop and go traffic signal is not warranted.

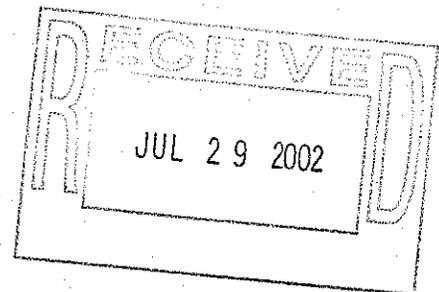
By copy of this letter, this office is requesting for this project be assigned to Chuck Hasty as Project Manager. The design of this project will be handled under our Consultant Design Contract, STP-0001-00(853).

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 Keeper, w/attach.
- Harry Maddox, w/attach.
- General Files



DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

CARROLL COUNTY

STP-0004-00(730)

FEDERAL ROUTE NO: 78

STATE ROUTE NO: 8

GADOT P.I. NO: 0004730

SEE ATTACHED
LOCATION SKETCH

Date of Report: December 10, 2001

RECOMMENDED: 12/20/01
DATE

Phillip M. Allen
STATE TRAFFIC SAFETY & DESIGN ENGINEER

RECOMMENDED: 2/27/02
DATE

Kurt Soy
DISTRICT ENGINEER

RECOMMENDED: 3/5/02
DATE

Frank L. Daulton
CHIEF ENGINEER

APPROVED: 3/6/02
DATE

Tom Coleman
COMMISSIONER

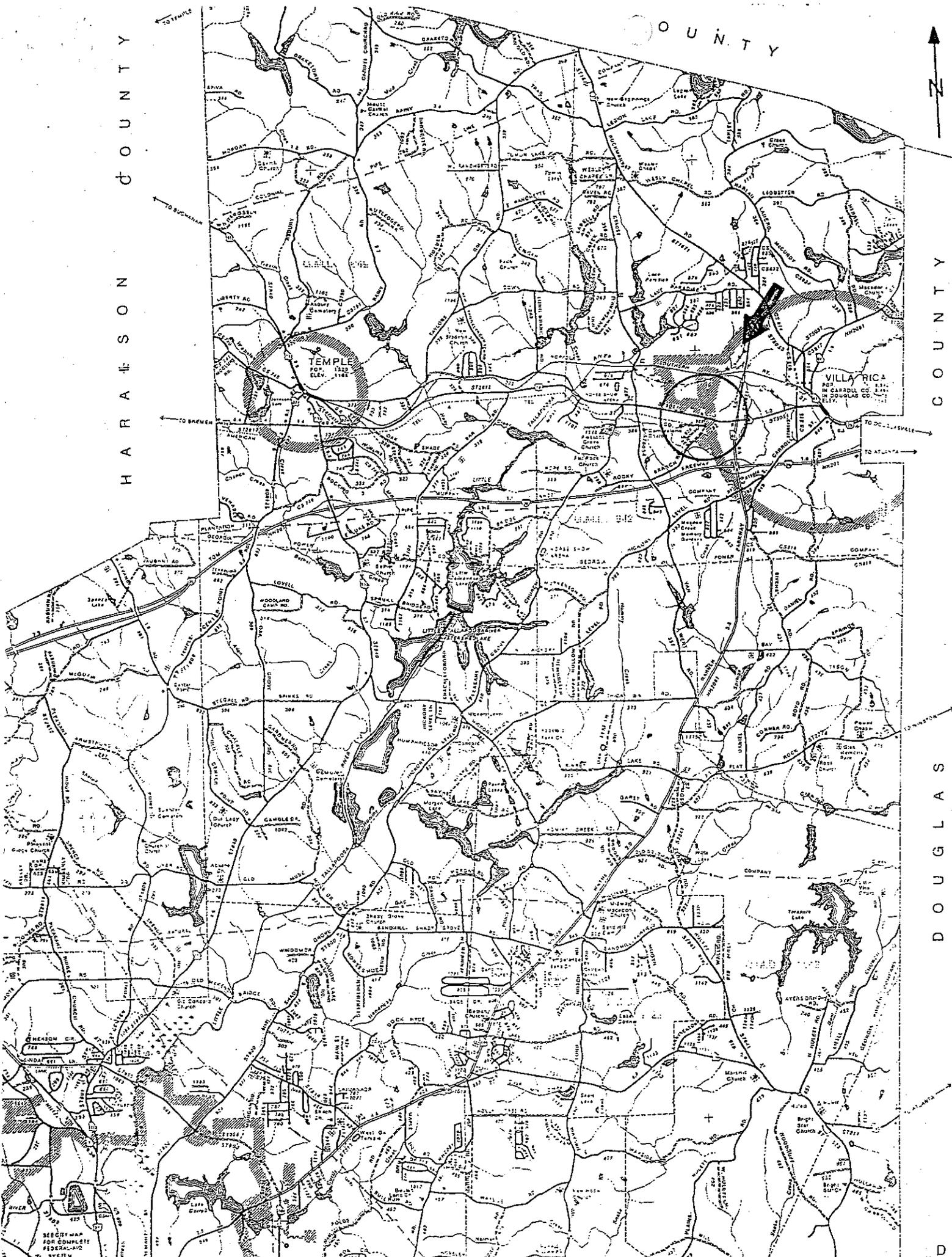
HARRISON COUNTY

COUNTY

COUNTY

DOUGLAS

D



PROJECT CONCEPT REPORT

P.I. No.: STP-0004-00(730)

Project No.: 0004730 Carroll County

Route No.: S.R. 8
 C.R. 644/Rocky Branch Road
 C.S. 80411/Villa Trace

Location: The intersection of S.R. 8 at Rocky Branch Road and Villa Trace is located in the City of Villa Rica, Carroll County, 2 miles west of the Douglas County line and 6 miles east of the Haralson County line.

Description: S.R 8 will be widened to provide left and right-turn lanes in the southbound direction, and the existing westbound left-turn lane will be lengthened to provide adequate storage and taper. C.R. 644/Rocky Branch Road will be realigned opposite Villa Trace and widened to provide a right-turn lane.

<u>Traffic – Current ADT:</u>	S.R. 8	-----	10,500 (1998 ADT)
	C.R. 644/Rocky Branch Road	-----	740 (1998 ADT)
	C.S. 80411/Villa Trace	-----	No Data Available

Existing Typical: S.R. 8: 3 – 12 ft. travel lanes, one through lane in each direction and a westbound left-turn lane with 2 ft. paved shoulders and 6 ft. grassed shoulders.

C.R.644/Rocky Branch Road: 2-12 ft. travel lanes, one in each direction a with a 2 ft. paved shoulder and a 6 ft. grassed shoulder northbound.

C.S. 80411/Villa Trace: 2 – 9 to 12 ft. travel lanes, one in each direction with a 7.5 ft. median and curb & gutter

<u>Existing Right of Way:</u>	S.R. 8	-----	80' (Estimated)
	C.R.644/Rocky Branch Road	-----	40' (Estimated)
	C.S. 80411/Villa Trace	-----	40' (Estimated)

Existing Traffic Control: S.R. 8 is a continuous through movement. C.R.644/Rocky Branch Road and Villa Trace have stop signs with stop bars at the intersection.

Existing Major Structures: None.

Statement of Need & Purpose: Nine accidents with 8 injures occurred at this intersection from 1999-2000, including one right-angle accident, two left-turn accidents, five rear-end accidents, and one loss of control accident. Installation of turn lanes will facilitate access to Villa Rica High School, which will also reduce accidents. To improve the safety and orderly progression of traffic through the intersection, these improvements are recommended.

Bicycle & Pedestrian Considerations: None

Length: 0.34 mile

Termini:	S.R. 8	C.R. 644/Rocky Branch Road	C.S. 80411/Villa Trace
From M.P.	6.14	0.00	0.00
To M.P.:	6.42	0.06	0.00

PDP Class: Minor Existing

Functional Class:

S.R. 8	-----	Rural Minor Arterial
C.R. 644/Rocky Branch Road	-----	Rural Local
C.S. 80411/Villa Trace	-----	Rural Local

Max Degree of Curve: +/-1.0 Degrees

Max Grades: +/-3.0 %

Design Speed:

S.R. 8	-----	45 mph
C.R. 644/Rocky Branch Road	-----	35 mph
C.S. 80411/Villa Trace	-----	35 mph

Proposed Typical Section: S.R. 8: 3 – 12 ft. travel lanes, one through lane in each direction with eastbound and westbound left-turn lanes and an eastbound right-turn lane. Shoulders will be 10.5 ft., 6.5 ft. paved and 4 ft. grassed.

C.R.644/Rocky Branch Road: 3 – 12 ft. travel lanes, one in each direction, with a northbound right-turn lane. Northbound shoulder will be 10 ft., 4 ft. paved and 6 ft. grassed.

Proposed major structures: None.

Type Access: By Permit.

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

Right-of-Way Requirement: City of Villa Rica and/or Carroll County shall be responsible for the acquisition of all required Right of Way for this project.

Utilities: City of Villa Rica and/or Carroll County shall be responsible for all Utility adjustments.

Estimated Cost:

<u>Item</u>	<u>Total Amount</u>	
Right-of-way	\$ 639,600	(By City of Villa Rica and/or Carroll County)
Utilities	\$ 98,000	(By City of Villa Rica and/or Carroll County)
<hr/>		
Estimated LGPA Total	\$737,600	
Construction	\$ 155,591	
Traffic Signal	\$ 0	
Railroad Equipment	\$ 0	
E & C 10 %	\$ 15,559	
<hr/>		
Total Construction	\$ 171,150	

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.

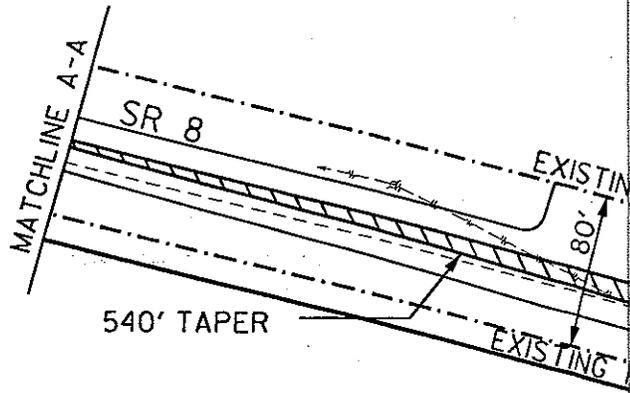
Alternates Considered: None

Comments: There is an inconsistency between the posted speed limit and the speed limit obtained from RC info. The proposed improvements are designed for a recommended speed limit of 45 mph.

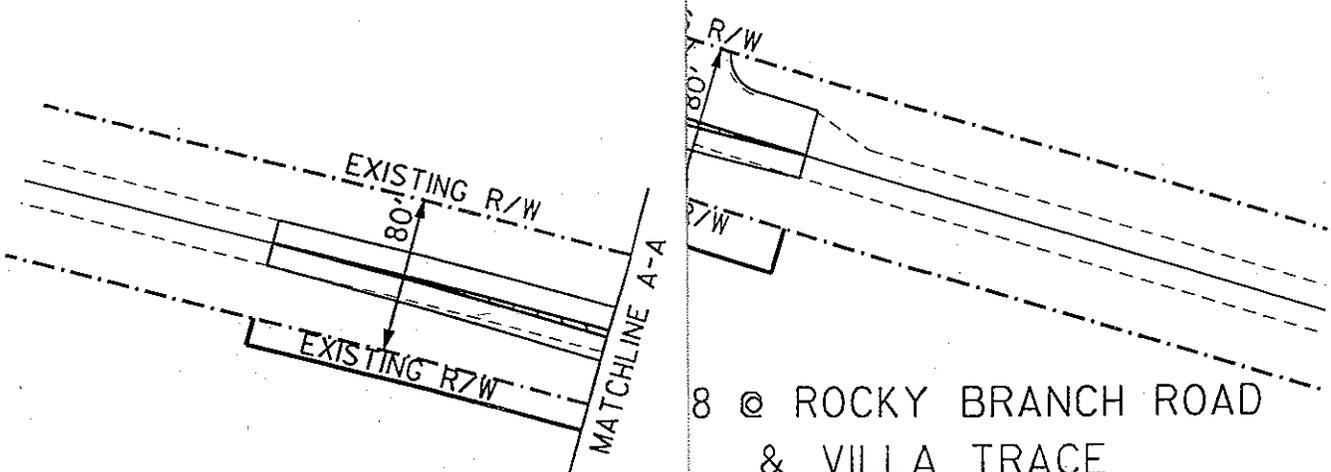
Attachments: None

Prepared by Gresham, Smith and Partners on behalf of the Office of Traffic Safety and Design of the Georgia Department of Transportation.

Michael R. Holt, P.E.



100



8 @ ROCKY BRANCH ROAD
& VILLA TRACE
CARROLL COUNTY



ESTIMATED REQUIRED RIGHT OF WAY	
AREA #1 -	20,111.00 SF
AREA #2 -	22,628.00 SF
TOTAL	- 42,738.00 SF

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

TRAFFIC ENGINEERING INVESTIGATION

CARTERSVILLE, GEORGIA

DISTRICT SIX

July 20, 2001

COUNTY

Carroll

PRIMARY ROUTE

State Route 8\U.S. 78

SECONDARY ROUTE

Rocky Branch Road

MILE POINT

6.25

PREPARED BY:

Steven S. Sanders

District Traffic Operations Engineer

State Route 8 @ Rocky Branch Road

REQUESTED BY: This engineering study was initiated by citizens of Carroll County..

REASON FOR INVESTIGATION: To determine existing traffic signal warrants and recommend possible safety improvements.

TOPOGRAPHY: The subject intersection is located in northern Carroll County .37 miles west of State Route 61, near Villa Rica. Carroll County is bordered by Haralson and Paulding Counties to the north, Douglas and Fulton Counties to the east, Coweta and Heard Counties to the south and the State of Alabama to the West.

State Route 8 is a two lane east/west route that begins at the Alabama State line and traverses the entire State of Georgia before ending at the South Carolina State line. State Route 8 at the intersection is a two lane highway with two twelve (12) foot through lanes and a left turn lane west bound and a hatched gore area eastbound approaching the intersection. Shoulders are one foot paved and 5-6 foot grass. The grade at this intersection is relatively flat, with a grade of less than one percent in all directions.

Rocky Branch Road approaches from the south with 11 foot lanes. The shoulder on the southwest quadrant consists of paved parking areas for several commercial establishments. Current development along Rocky Branch Road consists of single family residences south of the intersection. Additionally, located approximately 1000' south of the intersection is Villa Rica High School.

EXISTING TRAFFIC CONTROL: Traffic control devices on State Route 8 consist of standard regulatory signing such as speed limit signs, and all applicable signs for a two way stop controlled intersection. The striping on State Route 8 consists of a double yellow centerline, and white edge lines and turn lane striping westbound with white type 2 turn arrows. Markings are in good condition on State Route 8. Striping on Rocky Branch Road consist of a centerline.

ADJACENT SIGNALIZED INTERSECTIONS: The nearest signalized intersection on State Route 8 is located .37 miles east of this intersection at State Route 8 and State Route 61 near the city of Villa Rica.

State Route 8 @ Rocky Branch Road

VEHICULAR VOLUMES: The 1997 AADT for this section of State Route 8 is 7000 vehicles per day. A truck percentage is not available. The AADT for State Route 274 is 2400 vehicles per day. Manual peak hour counts are as follows:

	State Route 8/U.S. 78		Rocky Branch Road/ Villa Trace	
	Eastbound	Westbound	Northbound	Southbound
0700 - 0800	754	500	115	49
0800 - 0900	613	391	69	14
0900 - 1000	429	325	44	9
1100 - 1200	410	456	59	10
1200 - 1300	401	423	45	24
1500 - 1600	352	669	202	30
1600 - 1700	336	450	100	17
1700 - 1800	371	625	93	12

SPOT SPEED STUDY: The posted speed limit on State Route 8 at the subject location is 55 miles per hour. Radar samples indicated an 85th percentile speed of 46 miles per hour. The 10 mile per hour pace speed was 35 to 44 with 69.7% of vehicles in that range.

DELAY STUDY: A calculated delay study was not conducted. On site observations revealed that a potential for delay occurs between 3:30 and 4:30pm, as result of school dismissal. However, during the study it was observed that an officer of the City of Villa Rica police department was onsite to minimize delays.

ACCIDENT HISTORY: Hard copy accident reports were obtained from the Georgia State Patrol office in Villa Rica. An analysis of the 26 month period, January 1999 to February 2001, revealed a total of nine (9) accidents, resulting in eight (8) non-fatal injuries have occurred at the subject intersection. The types of accidents are summarized as follows:

	1999	2000
Angle intersecting	0	1
Left turn	1	1
Rear end	5	0
Loss of Control	1	0

State Route 8 @ Rocky Branch Road

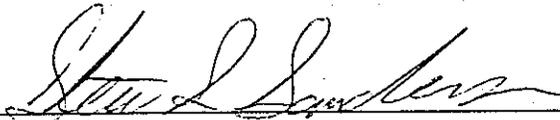
INTERSECTION HISTORY: The last traffic engineering study to be completed at this intersection was in March of 2000.

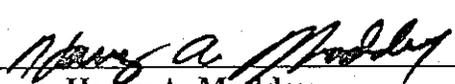
PROJECTS: No construction projects are currently programmed for this location.

CONCLUSIONS: Volume warrants are not met for this intersection for the installation of a stop and go traffic signal. Due to the high number of right turns from Rocky Branch Road concurrent with the dismissal of School, providing a right turn lane on Rocky Branch Road with an acceleration lane onto State Route 8 eastbound will increase the safety and efficiency of the intersection.

RECOMMENDATIONS

It is recommended that the Department implement a safety project to install a right turn lane on Rocky Branch Road with an acceleration lane onto State Route 8 eastbound.

PREPARED BY:  **DATE** 8/1/01
Steven S. Sanders
District Traffic Operations Engineer

RECOMMENDED BY:  **DATE** 8/3/01
Harry A. Mattox
District Traffic Engineer

RECOMMENDED BY: _____ **DATE** _____
Marion G. Waters, III, P.E.
Transportation Engineering Administrator

APPROVED BY: _____ **DATE** _____
David Studstill
Director of Operations

ESTIMATE OF QUANTITIES
 CONSTRUCTION OF RIGHT TURN LANE WITH ACCELERATION LANE
 SR 8 @ ROCKY BRANCH ROAD MP 6.25
 CARROLL COUNTY

<u>ITEM CODE</u>	<u>ITEM DESCRIPTION</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>WTG AVG</u>	<u>TOTAL COST</u>
150-1000	TRAFFIC CONTROL	1.00	LS	\$ 5,000.00	\$ 5,000.00
171-0100	TEMP. SILT FENCE TP B	600.00	LF	\$ 2.07	\$ 1,242.00
201-1500	CLEARING AND GRUBBING	1.00	LS	\$ 4,000.00	\$ 4,000.00
210-0100	GRADING COMPLETE	1.00	LS	\$ 5,000.00	\$ 5,000.00
310-5080	GR AGGR BASE, 8IN	800.00	SY	\$ 9.80	\$ 7,840.00
402-3143	RECY.ASPH.CONC. 25MM	180.00	TN	\$ 90.00	\$ 16,200.00
402-3192	RECY.ASPH.CONC. 19MM	90.00	TN	\$ 90.00	\$ 8,100.00
402-4510	RECY.ASPH.CONC. 12.5MM	70.00	TN	\$ 90.00	\$ 6,300.00
413-1000	BITUM TACK COAT	50.00	GL	\$ 0.99	\$ 49.50
652-0120	PAVEMENT MARKING, ARROW, TP 2	4.00	EA	\$ 42.88	\$ 171.52
653-1501	THER. SOLID TRAF STRIPE, 5IN WHITE	500.00	LF	\$ 0.44	\$ 220.00
653-3501	THER. SKIP TRAF STRIPE, 5IN WHITE	200.00	LF	\$ 0.19	\$ 38.00
700-5000	GRASSING COMPLETE	1.00	LS	\$ 1,000.00	\$ 1,000.00
				TOTAL	\$ 55,161.02

Warrant Summary:

Urban values apply.

Warrant 1 - Minimum Vehicular Volumes

NOT SATISFIED. Required values reached for 1 hours. Criteria--Main St.: 500;

Warrant 2 - Interruption of Continuous Traffic

NOT SATISFIED. Required values reached for 4 hours. Criteria--Main St.: 750;

Warrant 3 - Minimum Pedestrian Volumes

NOT SATISFIED. 8th-High Hour--Pedestrians: 0. Criteria--Pedestrians: 150; Vehi

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 coord

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;

Warrant 7 - Systems Warrant

NOT SATISFIED. At least one street has no major approaches.

- Approaches which are part of the principal through traffic roadway netwo
- Approaches which connect areas of principal traffic generation.
- Approaches which include rural or suburban highways outside, entering or
- Approaches which have surface street freeway or expressway ramp terminal
- Approaches which appear as a major route in an official transportation p

Warrant 8 - Combination of Warrants

NOT SATISFIED. Required values reached for 1 hours. Criteria--Main: 600; Side

Warrant 9 - Four Hour Volumes

NOT SATISFIED. Required values reached for 2 hours.

Warrant 10 - Peak Hour Delay

NOT APPLICABLE. Volume requirements satisfied, but side street peak hour delay
Criteria--Main St.: 800 (4 approaches), 650 (3 approaches); Side St.: 100.

Warrant 11 - Peak Hour Volume

SATISFIED for 1 hours.

Major Street Approaches:

Eastbound:

sr 8

Data File: No Count Defined
 Count Type: None. Channel: 0. Count Date: 0/ 0/ 0
 Number of Lanes: 1
 Approach Speed: 0
 Total Approach Traffic: 3667

Westbound:

SR 8

Data File: No Count Defined
 Count Type: None. Channel: 0. Count Date: 11/ 2/2000
 Number of Lanes: 1
 Approach Speed: 0
 Total Approach Traffic: 3849

Minor Street Approaches:

Northbound:

Rocky Branch Rd

Data File: No Count Defined
 Count Type: None. Channel: 0. Count Date: 11/ 2/2000
 Number of Lanes: 1
 Approach Speed: 0
 Total Approach Traffic: 727

Southbound:

apartments

Data File: No Count Defined
 Count Type: None. Channel: 0. Count Date: 11/ 2/2000
 Number of Lanes: 1
 Approach Speed: 0
 Total Approach Traffic: 164

Analysis of 8-Hour Volume Warrants (Criteria refers to high volume side street f

Hour	Main	Side			Warrant 1		Warrant 2		Warr
Begin	(Total)	Vol.	Dir.	Rank	Meets?	Criteria	Meets?	Criteria	Meets?
0	0	0	S	9		150		75	
1	0	0	S	10		150		75	
2	0	0	S	11		150		75	
3	0	0	S	12		150		75	
4	0	0	S	13		150		75	
5	0	0	S	14		150		75	
6	0	0	S	15		150		75	
7	1254	115	N	2	MAIN	150	--BOTH--	75	MAIN
8	1004	69	N	5	MAIN	150	MAIN	75	MAIN
9	753	44	N	8	MAIN	150	MAIN	75	MAIN
10	0	0	S	16		150		75	
11	876	59	N	6	MAIN	150	MAIN	75	MAIN
12	826	45	N	7	MAIN	150	MAIN	75	MAIN
13	0	0	S	17		150		75	
14	0	0	S	18		150		75	
15	1021	202	N	1	--BOTH--	150	--BOTH--	75	--BOTH--
16	786	100	N	3	MAIN	150	--BOTH--	75	MAIN
17	996	93	N	4	MAIN	150	--BOTH--	75	MAIN
18	0	0	S	19		150		75	
19	0	0	S	20		150		75	

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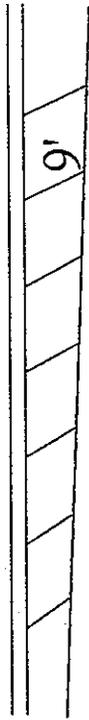
21
22
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75



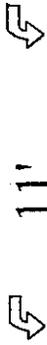
12'



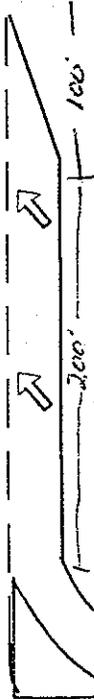
12'

SR 8

12'



12'



11'

11'

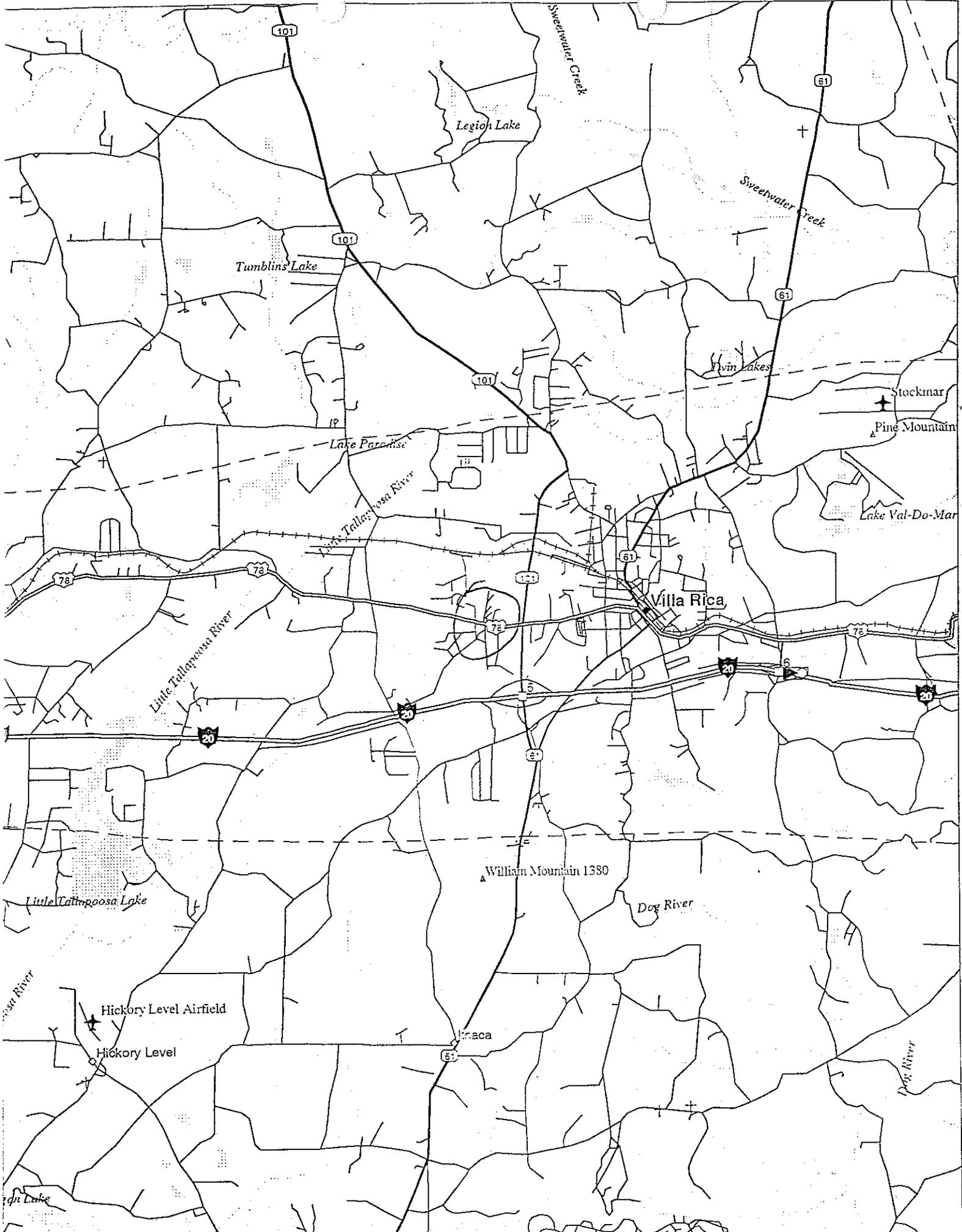
300'

100'

ROCKY BRANCH ROAD

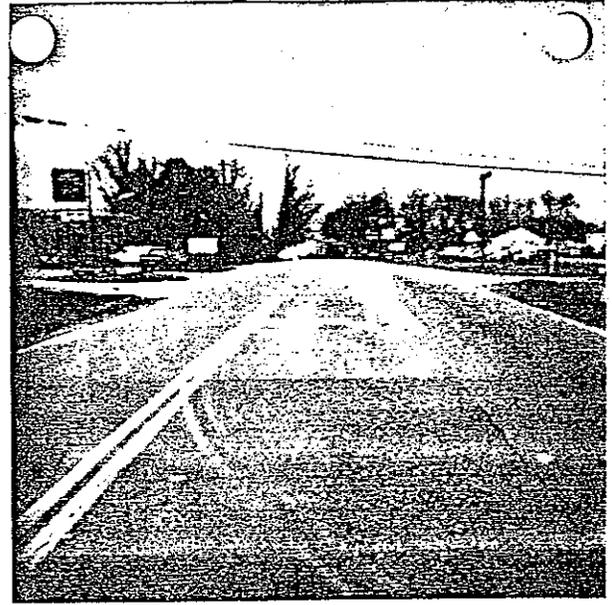
State Route 8 At
Rocky Branch Road
Carroll County

- Row to be acquired
- Utilities to be moved

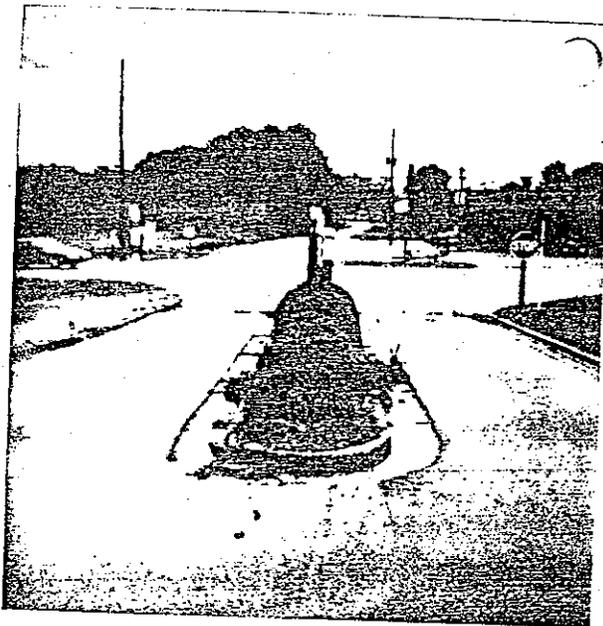




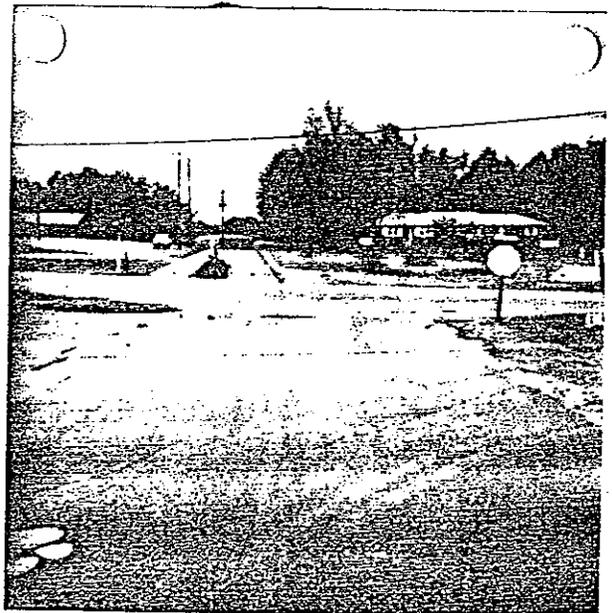
S.R. 8 E.B. @ ROCKY BRANCH
RD.
CARROLL CO.
VILLA RICA



S.R. 8 @ ROCKY BRANCH
RD.
CARROLL CO. VILLA RICA



VILLA TRACE S.B. @
S.R. 8 CARROLL CO.
VILLA RICA



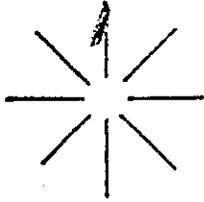
ROCKY BRANCH RD. N.B.
@ S.R. 8 CARROLL CO.
VILLA RICA

DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING AND SAFETY

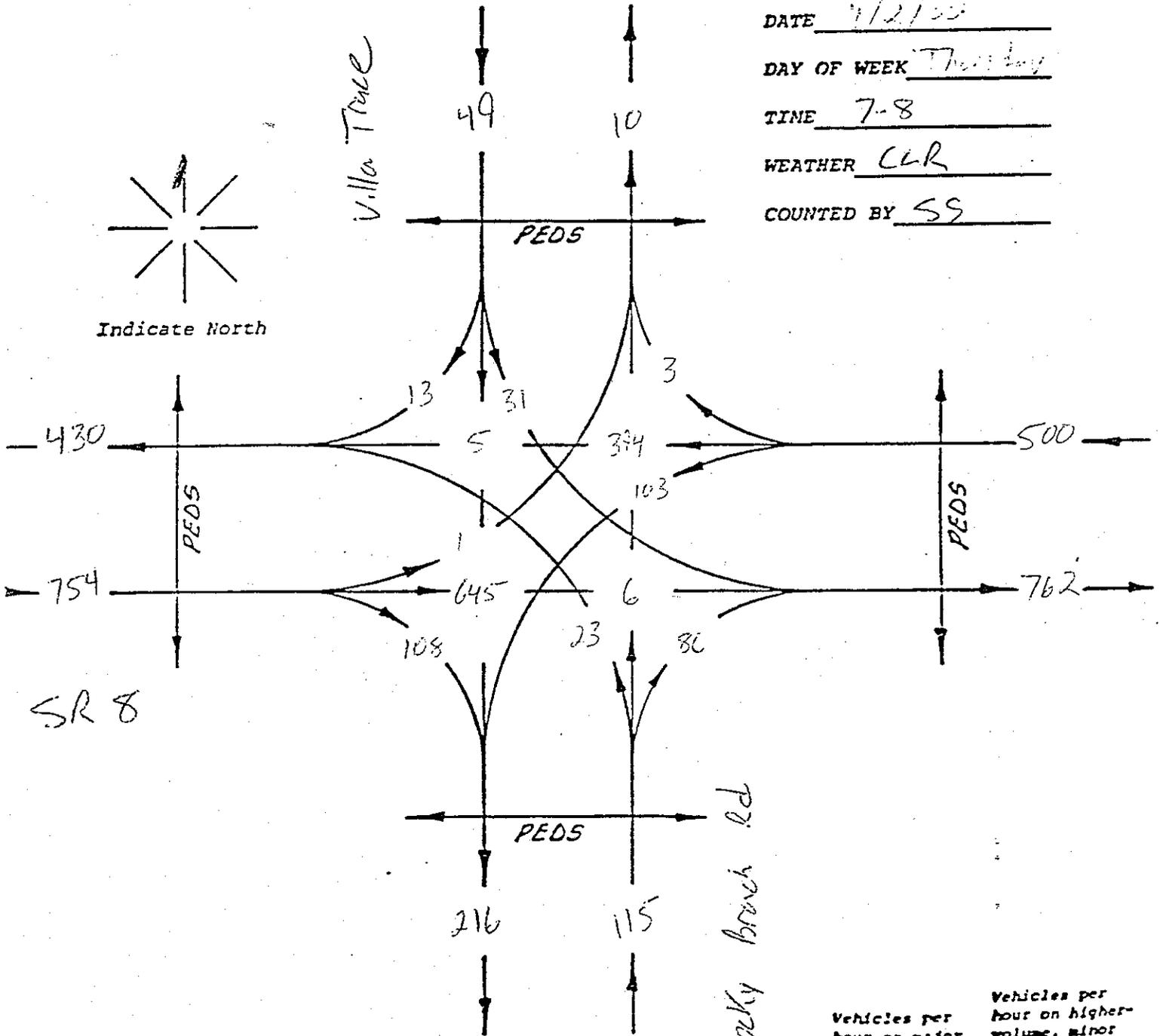
MANUAL TRAFFIC COUNT

COUNTY Carroll CITY _____
 LOCATION SR 8 @ Rocky Branch Rd

DATE 7/2/00
 DAY OF WEEK Thursday
 TIME 7-8
 WEATHER CLR
 COUNTED BY SS



Indicate North



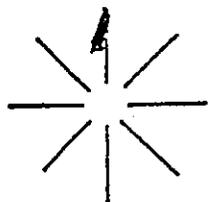
Vehicles per hour on major street (total of both approaches)
 Vehicles per hour on higher-volume, minor street approach (one direction only)

DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING AND SAFETY

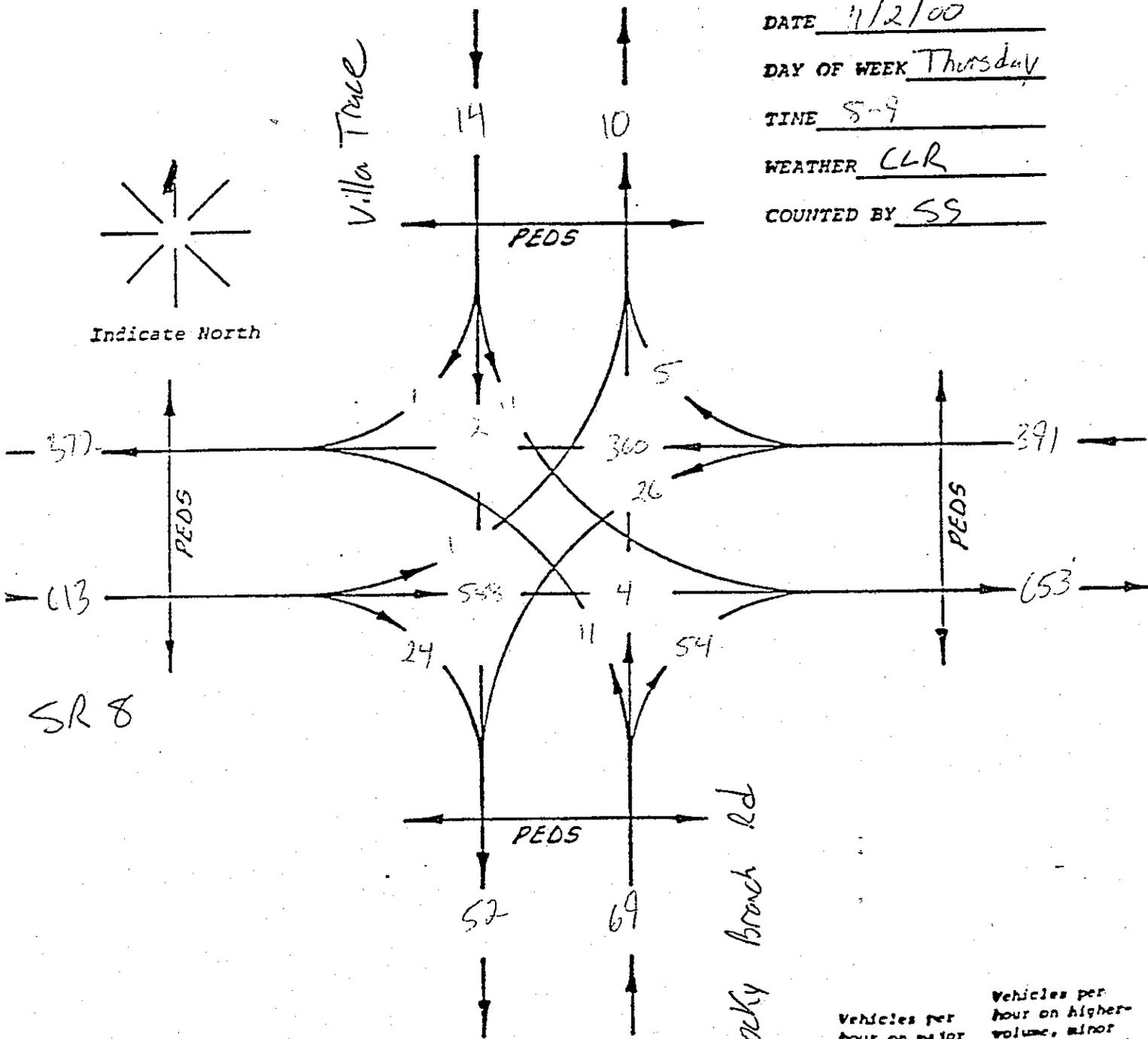
MANUAL TRAFFIC COUNT

COUNTY Canoll CITY _____
 LOCATION SR 8 @ Rocky branch Rd

DATE 4/2/00
 DAY OF WEEK Thursday
 TIME 5-9
 WEATHER CLR
 COUNTED BY SS



Indicate North



Vehicles per hour on major street (total of both approaches)

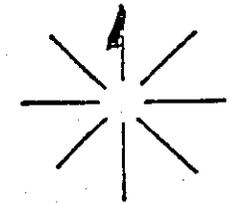
Vehicles per hour on higher-volume, minor street approach (one direction only)

DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING AND SAFETY

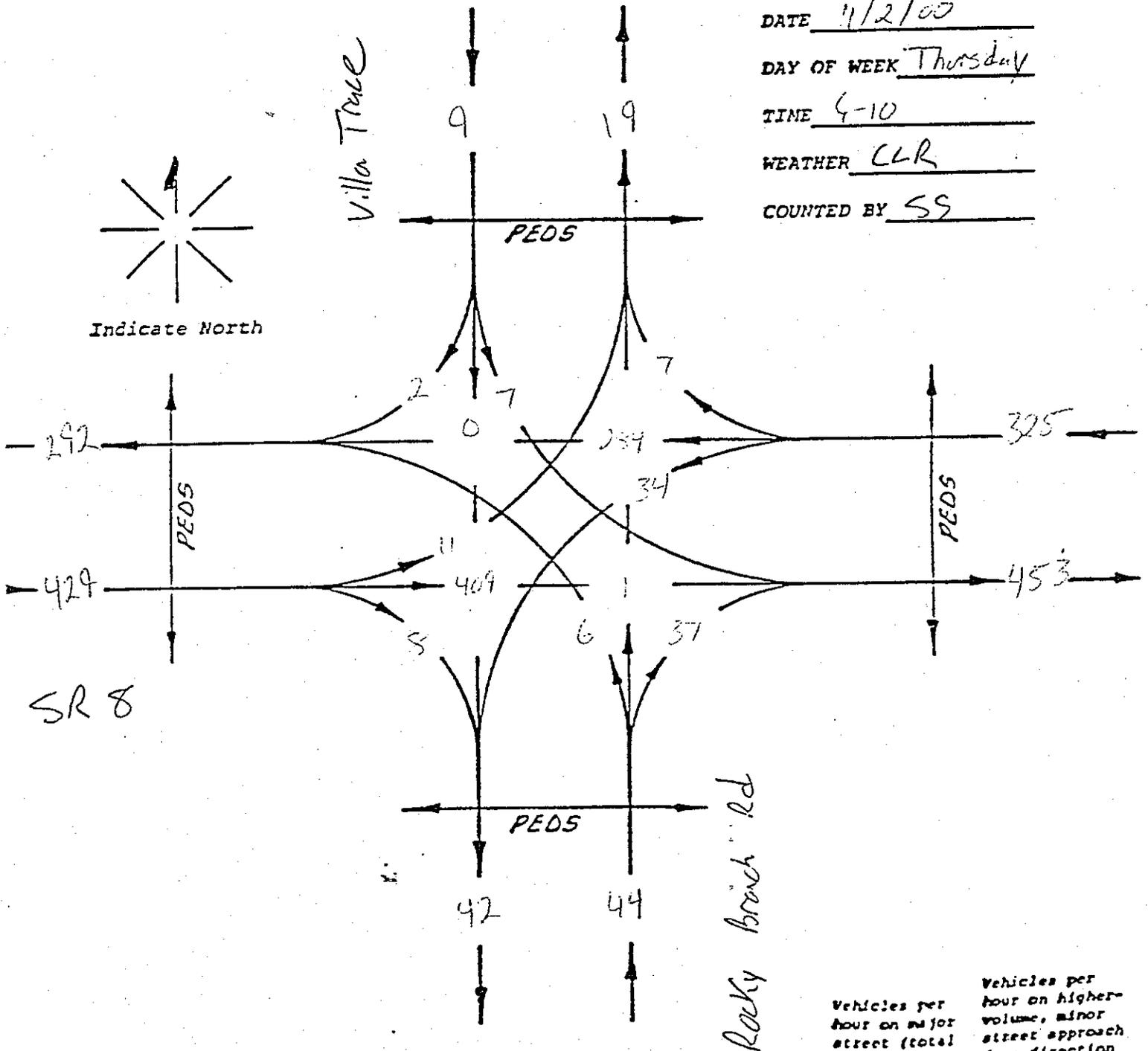
MANUAL TRAFFIC COUNT

COUNTY Canoll CITY _____
 LOCATION SR 8 @ Rocky branch Rd

DATE 11/2/00
 DAY OF WEEK Thursday
 TIME 4-10
 WEATHER CLR
 COUNTED BY SS



Indicate North



Vehicles per hour on major street (total of both approaches)

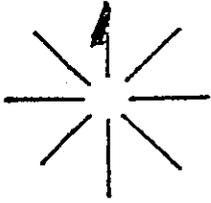
Vehicles per hour on higher volume, minor street approach (one direction only)

DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING AND SAFETY

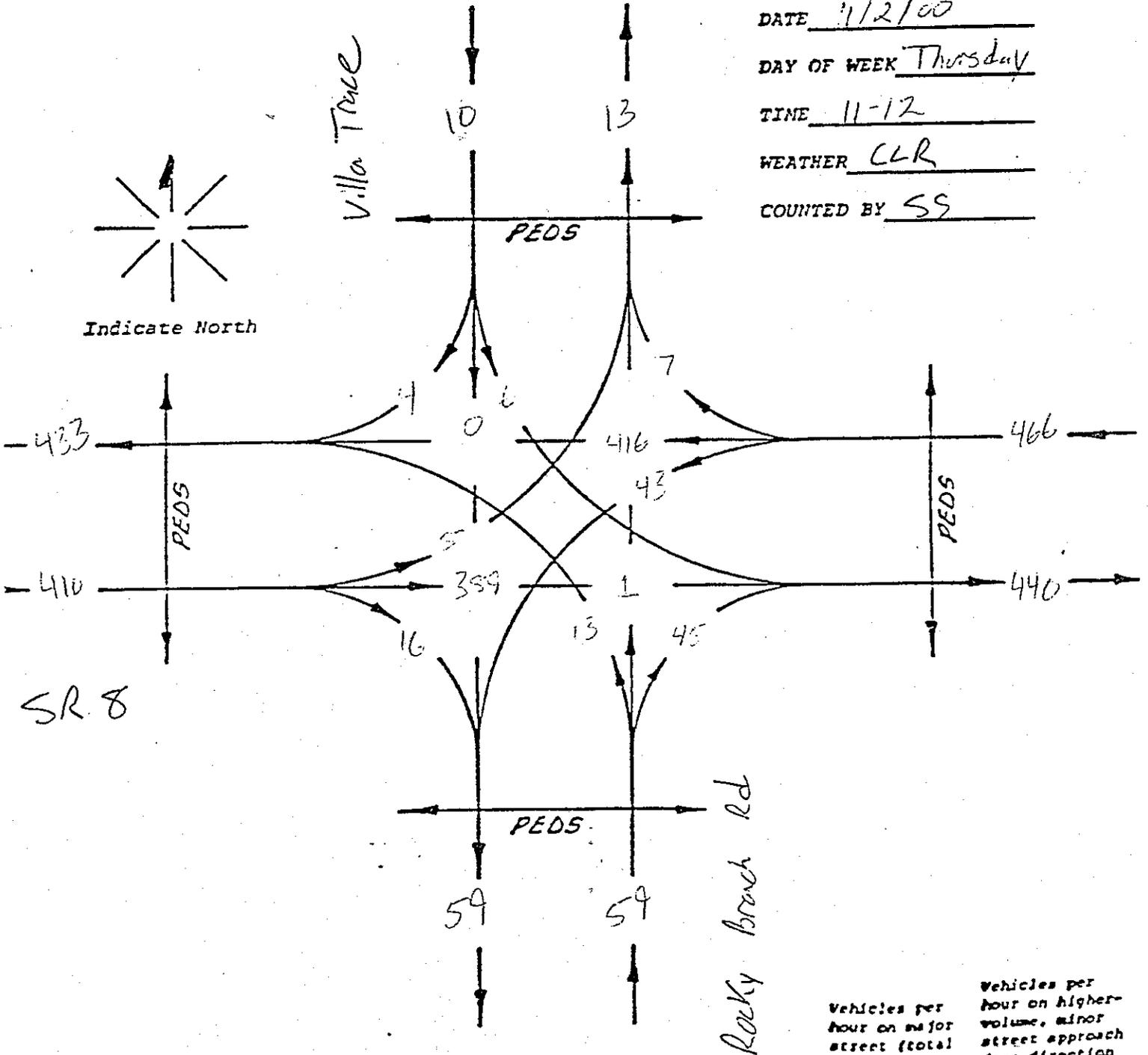
MANUAL TRAFFIC COUNT

COUNTY Canoll CITY _____
 LOCATION SR 8 @ Rocky branch Rd

DATE 7/2/00
 DAY OF WEEK Thursday
 TIME 11-12
 WEATHER CLR
 COUNTED BY SS



Indicate North



Vehicles per hour on major street (total of both approaches)
 Vehicles per hour on higher-volume, minor street approach (one direction only)

DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING AND SAFETY

MANUAL TRAFFIC COUNT

COUNTY Canoll CITY _____

LOCATION SR 8 @ Rocky branch Rd

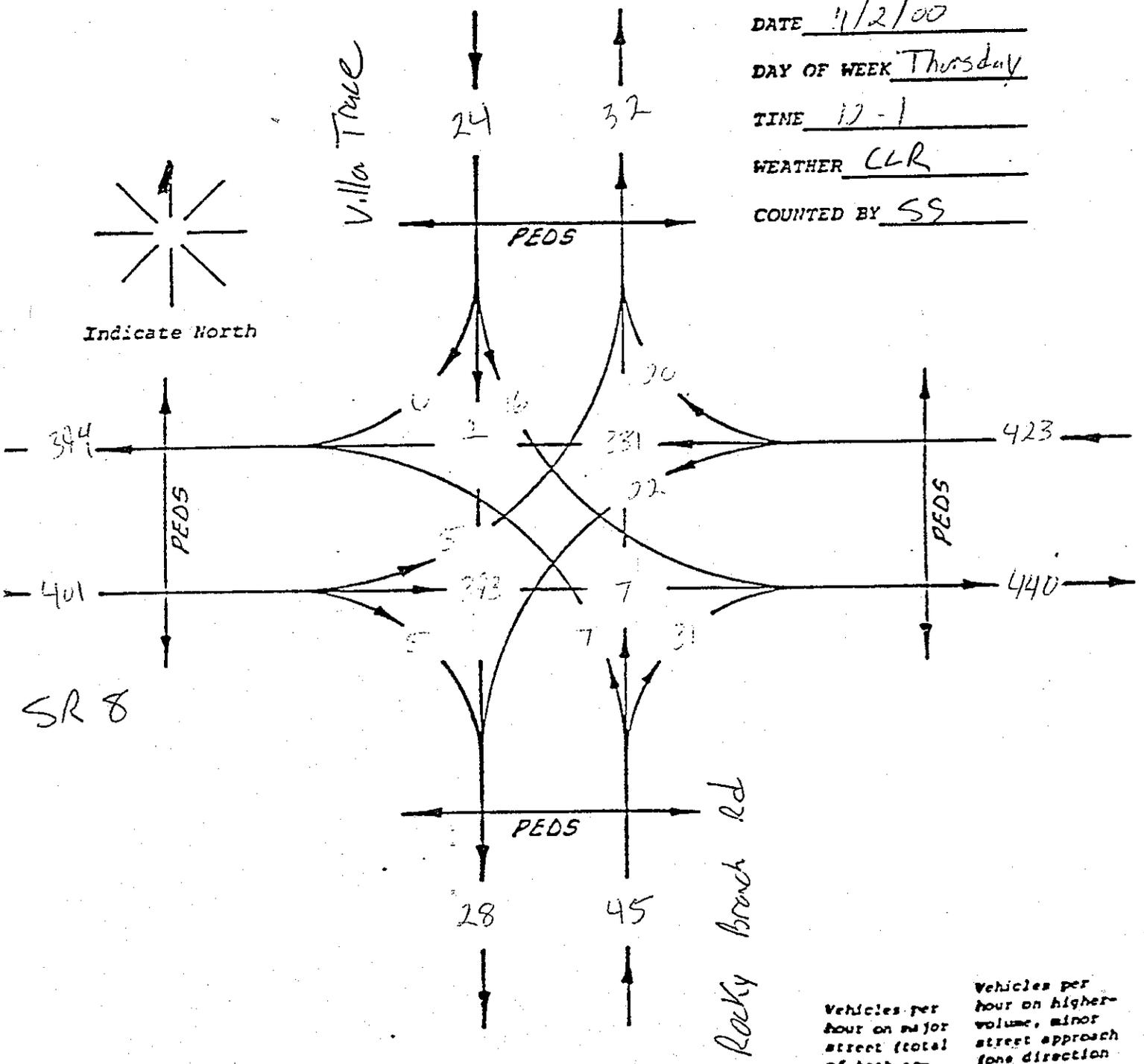
DATE 4/2/00

DAY OF WEEK Thursday

TIME 12-1

WEATHER CLR

COUNTED BY SS



Vehicles per hour on major street (total of both approaches)
 Vehicles per hour on higher-volume, minor street approach (one direction only)

DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING AND SAFETY

MANUAL TRAFFIC COUNT

COUNTY CANON CITY _____

LOCATION SR 8 @ Rocky branch Rd

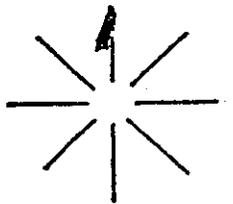
DATE 4/2/00

DAY OF WEEK Thursday

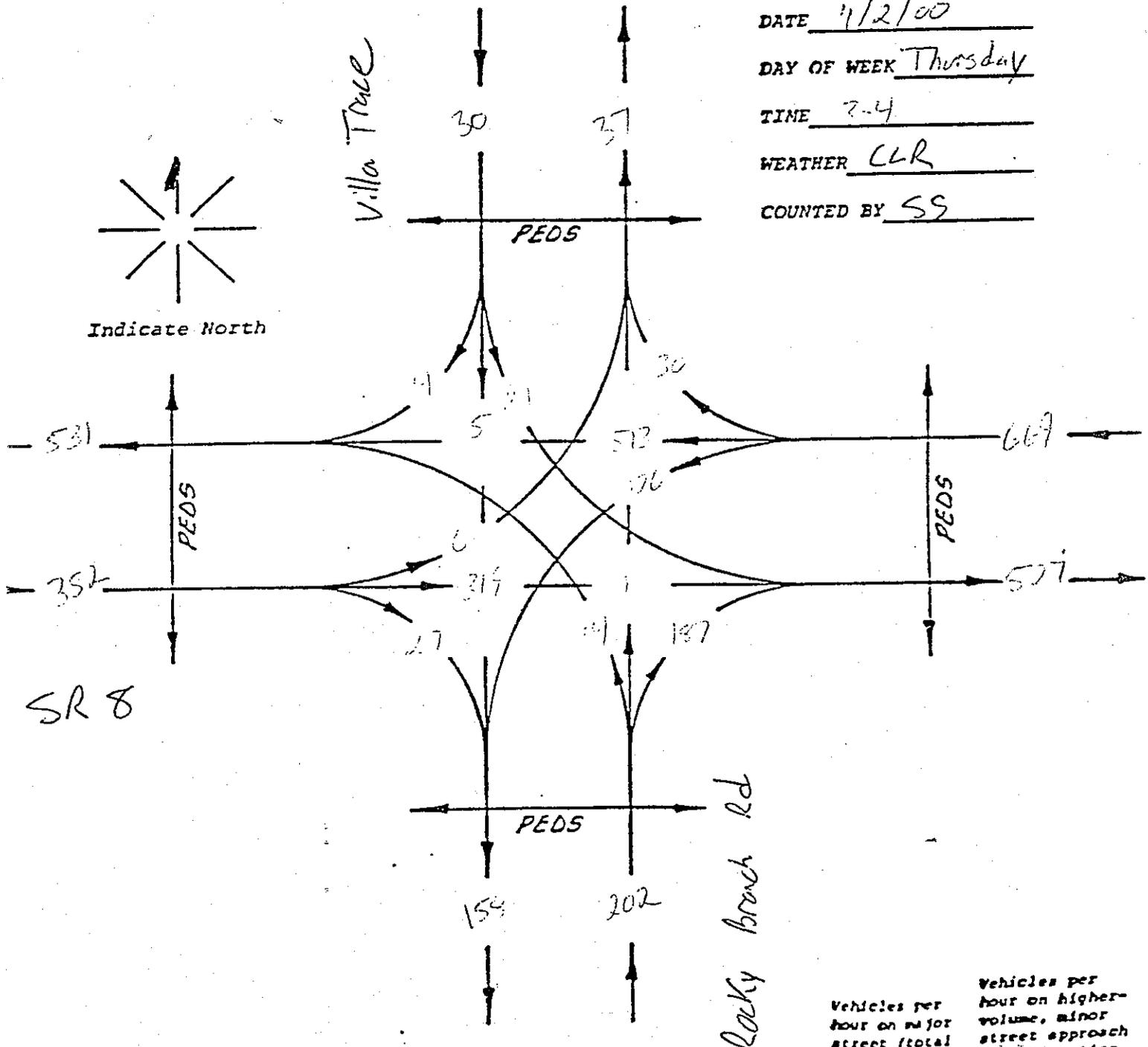
TIME 7-4

WEATHER CLR

COUNTED BY SS



Indicate North



Vehicles per hour on major street (total of both approaches)

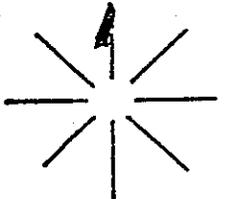
Vehicles per hour on higher-volume, minor street approach (one direction only)

DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING AND SAFETY

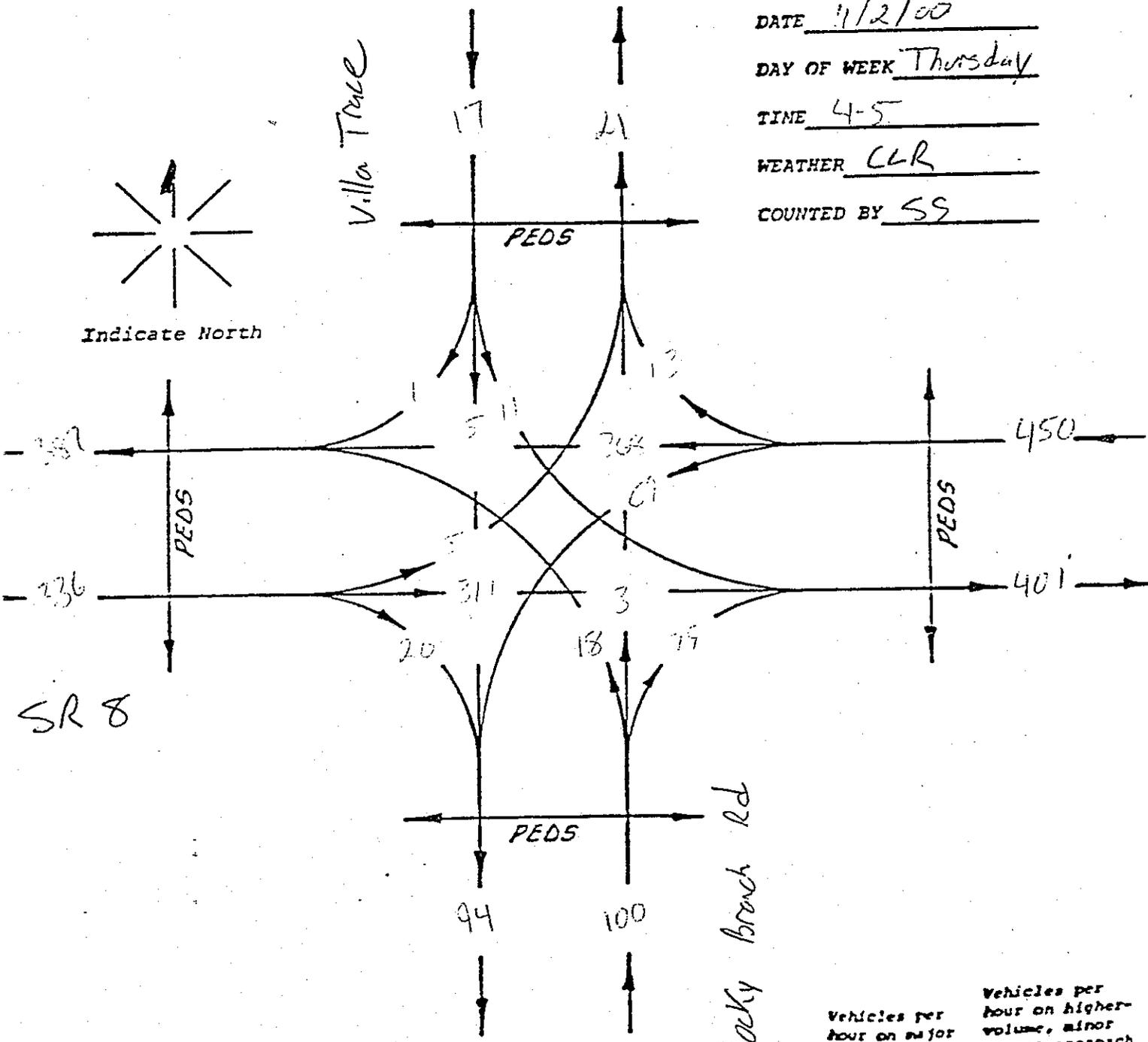
MANUAL TRAFFIC COUNT

COUNTY Carroll CITY _____
 LOCATION SR 8 @ Rocky Branch Rd

DATE 4/2/00
 DAY OF WEEK Thursday
 TIME 4-5
 WEATHER CLR
 COUNTED BY SS



Indicate North



SR 8

Rocky Branch Rd

Vehicles per hour on major street (total of both approaches)

Vehicles per hour on higher-volume, minor street approach (one direction only)

DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING AND SAFETY

MANUAL TRAFFIC COUNT

COUNTY Carroll CITY _____

LOCATION SR 8 @ Rocky branch Rd

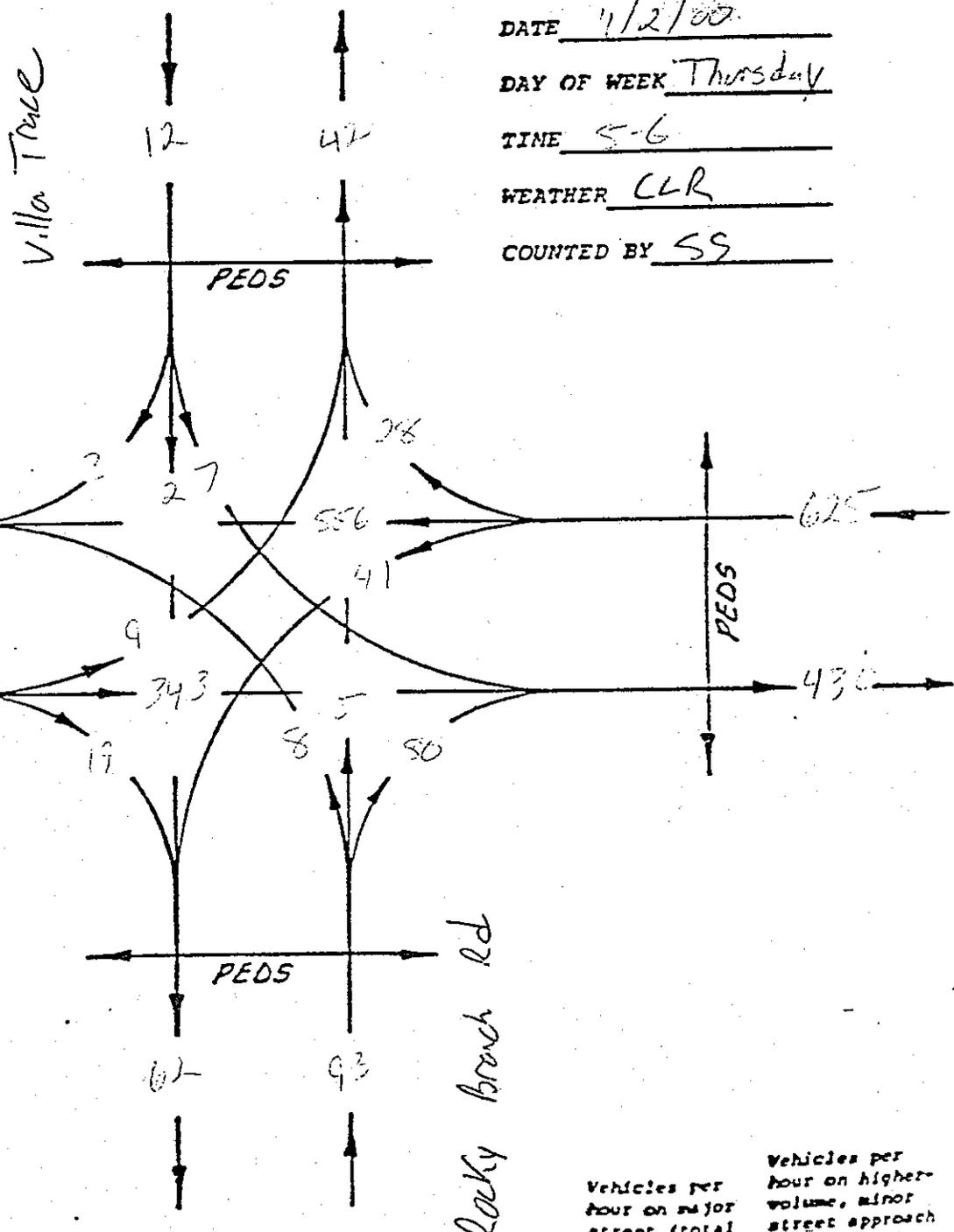
DATE 7/2/00

DAY OF WEEK Thursday

TIME 5-6

WEATHER CLR

COUNTED BY SS



Vehicles per hour on major street (total of both approaches)

Vehicles per hour on higher-volume, minor street approach (one direction only)

TIME	NO. ACC	ACCIDENT SEVERITY	NO. ACC
0600 - 1000	1		
1000 - 1600	5	FATAL	0
1600 - 1900	1	NON FATAL	6
1900 - 2400		PROP DAM.	0
2400 - 0600	0		
TOTAL -----	7	TOTAL -----	6

WEATHER	NO. ACC	TYPE VEH	NO. VEH
CLEAR	2	CARS	13
CLOUDY	5	TRUCKS	1
RAIN	0	OTHER	0
FOG	0		
SNOW	0		
TOTAL -----	7	TOTAL -----	14



Villa Trace

ROAD	NO. ACC	APPROACH DIRECTION	NO. VEH
DRY	5	NORTH	2
WET	2	SOUTH	0
ICY	0	EAST	7
TOTAL -----	7	WEST	4
		TOTAL -----	13

SEASON	NO. ACC	TYPE ACC	NO. ACC
WINTER (dec-feb)	3	SIDESWIPE	0
SPRING (mar-may)	1	REAR END	5
SUMMER (june-aug)	0	RT. ANGLE	0
FALL (sept-nov)	3	LEFT TURN	1
TOTAL -----	7	OTHER	1
		TOTAL -----	7

State Route 8

5/8/99
Clear/ Dry
15:37

11/02/99
CLoudy/wet
12:05

11/4/99
Clear/dry
11:57

1/9/99
CLoudy/dry
16:39

2/24/99
CLoudy/wet
7:48

9/28/99
Cloudy/dry
15:22

2/17/99
CLoudy/dry
15:18

LEFT TURN



SIDESWIPE



OUT OF CONTROL



Rocky Branch Rd

RIGHT ANGLE



MOVING VEHICLE



INJURY



FATAL



REAR END



HEAD ON



LOCATION: SR 8@ Rocky Branch Rd COUNTY: Carroll

FROM: 1/1/1999 TO: 12/31/1999 DATE: 2/16/01

TIME	NO. ACC	ACCIDENT SEVERITY	NO.
0600 - 1000	1		
1000 - 1600	1	FATAL	0
1600 - 1900	0	NON FATAL	2
1900 - 2400	0	PROP DAM.	0
2400 - 0600	0		
TOTAL -----	2	TOTAL -----	2

WEATHER	NO. ACC	TYPE VEH	NO.
CLEAR	2	CARS	4
CLOUDY	0	TRUCKS	0
RAIN	0	OTHER	0
FOG	0		
SNOW	0	TOTAL -----	4
TOTAL -----	2		

State Route 8



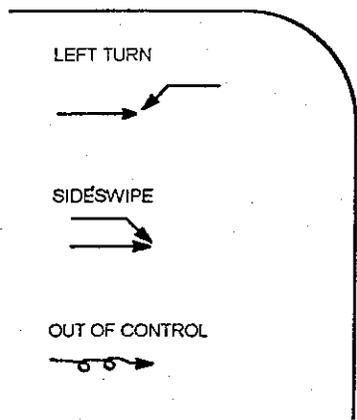
Villa Trace

ROAD	NO. ACC	APPROACH DIRECTION	NO.
DRY	2		
WET	0	NORTH	1
ICY	0	SOUTH	0
TOTAL -----	2	EAST	2
		WEST	1
		TOTAL -----	4

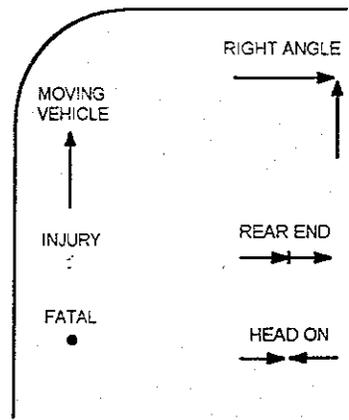
SEASON	NO. ACC	TYPE ACC	NO.
WINTER (dec-feb)	0	SIDESWIPE	0
SPRING (mar-may)	0	REAR END	0
SUMMER (june-aug)	0	RT. ANGLE	1
FALL (sept-nov)	2	LEFT TURN	1
TOTAL -----	2	OTHER	0
		TOTAL -----	2

10/5/2000
Clear/Dry
7:42

9/14/2000
Clear/Dry
15:57



Rocky Branch Rd



LOCATION: SR 8@ Rocky Branch Rd COUNTY: Carroll
FROM: 1/1/2000 TO: 11/1/2000 DATE: 2/16/01