



STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

INTER-OFFICE COMMUNICATION

County of Adams Dist. 9

S. H. 125 Sec. 5.00

Date 5/6/81

To Geno P. D'Ippolito, Engineer of Traffic Attention: Jim Brenneman

From District 9 Review Team

Subject HHS Study - S.R. 125-5.00 & S.R. 136 Adams County

Transmitted herewith is a completed study for the subject location.

Summary of recommendations

See Attached Report.

District Operations Engineer Vaughn E. Wilson 5-6-81
(Date)

District Traffic Engineer _____

Traffic Field Engineer Robert L. Priest 5/6/81

Maintenance Field Engineer _____

FHWA Area Engineer C. M. Papp 5-6-81

^{PLANNING &}
_{ACTING} District Design Engineer Donald K. Hulman

District Bridge Engineer Michael P. Baum

District Hydraulics Engineer _____

DISTRICT Maintenance Engineer [Signature]

DISTRICT Planning Engineer Herbert D. Zickelsoo

TRAFFIC ENGINEERING REPORT

S.R. 125-5.00 & Jct. S.R. 136 Adams County

GENERAL

S.R. 125 is a rural two-lane east-west bituminous surface road 20' wide. S.R. 136 is a rural two-lane north-south bituminous surface road 20' wide. The intersection is protected by overhead flasher, red on S.R. 136 and yellow for S.R. 125.

TRAFFIC CONTROL

Consists of flasher, signs, pavement marking and life lites.

ACCIDENT DATA

Accidents at this intersection totaled nine (9) in the past three (3) years. There was one (1) accident in 1977, no fatals, no injuries and one (1) property damage. There were three (3) accidents in 1978, no fatals, three (3) injuries. There were five (5) accidents in 1979, no fatals, two (2) injuries and three (3) property damage. 78% of the accidents occurred in daylight hours. 78% occurred on dry pavement. 56% were failure to yield. 67% were angle type accidents.

TRAFFIC COUNT

The ADT on S.R. 125 in 1978 was 2,280.

The ADT on S.R. 136 in 1978 was 1,340.

SPEED DATA

There are no speed reduction on either S.R. 125 or S.R. 136 through this intersection.

PROBLEM

Three (3) accidents involved westbound motorists turning in front of eastbound motorists (sight distance is excellent).

Two (2) accidents involved northbound motorists stopping then pulling out in front of westbound motorists (sight distance is excellent).

Two (2) accidents involved northbound motorists stopping then pulling out in front of eastbound motorists. If large delivery trucks were parked in front of the grocery store sight distance could be limited, otherwise sight distance is excellent.

RECOMMENDATIONS

No corrective action is required at this location since the accidents could not be attributed to a roadway or traffic control deficiency.

TRAFFIC ACCIDENT ANALYSIS

LOCATION S.R. 125 & S.R. 136

COUNTY Adams

LOG POINT 500

TIME PERIOD:

FROM 1-1-77 to 12-31-79

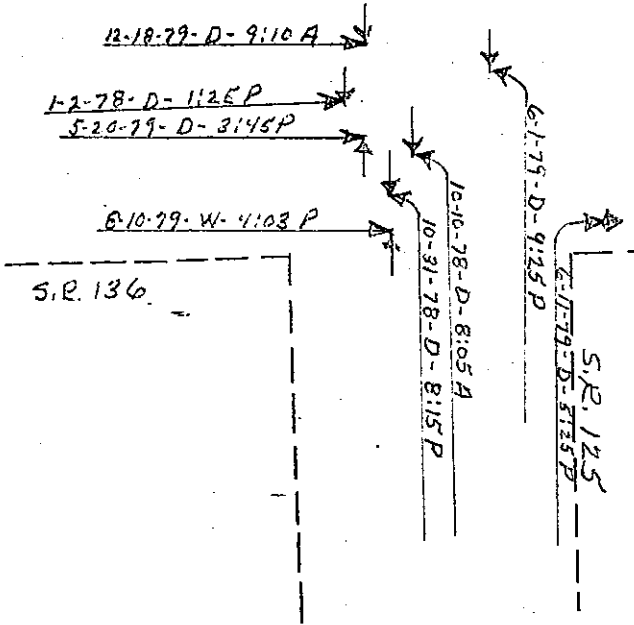
YEAR	DAY	Time of day		Pavement Condition			Type of Collision						Severity						
		NITE	NOT SPATED	DRY	WET	ICY	NOT SPATED	PED	TURN	ANG.	REAR END	HEAD ON	SIDE SWIPE	OTHER	NON COLL.	NOT SPATED	INDURY ACC'D	FATAL	TOTAL
1977	1			3	1					3	1						-0-		
1978	2	1							1	3	1								2
1979	4	1		4	1				1	6	2								5
TOTAL	7	2		7	2				1										

REMARKS:

LEGEND

- A = AM
- P = PM
- N = Noon
- M = Midnight
- W = Wet
- D = Dry
- = Violator

S.R. 136
4-6-77-W-9:40 A



- RATES
- Annual MV =
- Acc's. per MV =
- 1977
 - 1- Excessive speed
 - 1978
 - 2- Failure to yield
 - 1- Improper turning
 - 1979
 - 3- Failure to yield
 - 1- Improper turning
 - 1- Following too close

S.R. 125

S.R. 136

TRAFFIC ACCIDENT ANALYSIS

Division No 9 Location S.E. 125 & S.E. 136 County Adams Report No 1

Time Period: From 1-1-77 to 12-31-77 Page No 1

DATE OF ACCIDENT	TIME	DIR	L	R	INJ.	P.D. - 3	WEATHER	ROAD COND.	TYPE OF DAY	VEH.	DRIVERS				
											DIR	SPEED	COND.	VIOLATIONS	COLLISION DIAGRAM
4-6-77	4:40 AM	D	O	O			Snow	Wet		REF Ford 68	S	C	N		(2)
7280-856	9:40										S	C	N		SEIZES
# 2 - E-21 - Winchester, O.															

DIRECTIONAL ANALYSIS

- Motor vehicle movement before accident → Sidewalk →
- Vehicle movement after accident → Head-on collision →
- Pedestrian movement → Rear-end collision →
- Striking vehicle → Vehicle struck fixed object →
- Vehicle overturning → Parked vehicle →

- ### CONDITION OF DRIVER
- N—Normal
 - D—Drinking
 - I—Intoxicated
 - A—Asleep or Fatigued
 - PD—Physical defect

TRAFFIC ACCIDENT ANALYSIS

Division No. 9 Time Period: From 1-1-78 to 12-31-78 Report No. 1

Location S.R. 125 E S.R. 136 County Adams Page No. 1

DATE OF ACCIDENT	TIME	LOCATION OF ACCIDENT			TYPE OF ROAD COND.	WEATHER	ROAD COND.	TYPE OF DAY	VEH. #	DIR.	SPEED	COND.	DRIVERS		COLLISION DIAGRAM
		K	INT.	2D.									3	VIOLATIONS	
1-2-78	PM 1:25	D	O	2	Clear	Dry	A	67	N	P	N	Failure to Yield		136	
8866-467	1:25 PM	D	O	2	Clear	Dry	A	70	E	N.S.	N			136	
#1-11-78	AM 8:05	D	O	2	Clear	Dry	A	73	E	C	N			136	
10-10-78	AM 8:05	D	O	2	Clear	Dry	A	74	E	C	N			136	
8548-232	AM 8:15	D	O	3	Clear	Dry	A	66	S	C	N	Failure to Yield		136	
#1-11-78	AM 8:15	D	O	3	Clear	Dry	A	66	E	C	N			136	

DIRECTIONAL ANALYSIS

Motor vehicle movement before accident → Sidewipe →
 Vehicle movement after accident → Head-on collision →
 Pedestrian movement → Rear-end collision →
 Striking vehicle → Vehicle struck fixed object →
 Vehicle overturning → Parked vehicle →

LEGEND

CONDITION OF DRIVER

N—Normal
 D—Drinking
 I—Intoxicated
 A—Asleep or Fatigued
 PD—Physical defect

TRAFFIC ACCIDENT ANALYSIS

Division No. 9 Location S.R. 125 & S.R. 136 County Adams Page No. 1
 Time Period: From 1-1-79 to 12-31-79 Report No. _____

DATE OF ACCIDENT		LOCATION OF ACCIDENT				TYPE & DAY		VEH.		DRIVERS		COLLISION DIAGRAM		
TIME	DIR	HT	R	INT	2D - S	WEATHER	ROAD COND	DR	SPD	COND.	T	VIOLATIONS	VEH. NO.	COLLISION DIAGRAM
5-20-79	PM	D	O	O		Clear	Dry	A Ford	73	N	P	Failure to Yield	125	
9/14-78	3:25	D	O	O		Clear	Dry	A Ford	79	N	C			
#1-11-85														
#1-11-85														
6-1-79	PM	N	O	O		Clear	Dry	T Ford	76	E	C			
9/04-923	9:25	N	O	O		Clear	Dry	T Ford	75	W	C			
#2-1-17														
#2-1-17														
6-11-79	PM	D	O	O		Clear	Dry	RE VW	73	N	C	Following too close	125	
9/687-330	5:25	D	O	O		Clear	Dry	RE VW	77	N	C			
#1-11-86														
#1-11-86														
8-10-79	PM	D	N	S		Rain	Wet	A Olds	80	N	C	Failure to Yield		
9/642-889	4:03	D	N	S		Rain	Wet	A Olds	78	W	C			
#1-11-47														
#1-11-47														
12-18-79	AM	D	O	I		Clear	Dry	A Bu	77	N	C	Failure to Yield		
9/480-777	9:10	D	O	I		Clear	Dry	A Bu	77	N	C			
#1-1-20														
#1-1-20														

DIRECTIONAL ANALYSIS

LEGEND

CONDITION OF DRIVER

- Motor vehicle movement before accident → Sidewipe →
 Vehicle movement after accident → Head-on collision →
 Pedestrian movement → Rear-end collision →
 Striking vehicle → Vehicle struck fixed object →
 Vehicle overturning → Parked vehicle →
 From TS-AR-12 Ohio Department of Highways, Division of Traffic and Safety
- N—Normal
 D—Drinking
 I—Intoxicated
 A—Asleep or Fatigued
 PD—Physical defect