

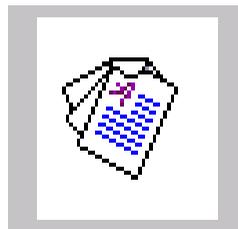
Chapter 9

Fiche Report



Fiche Report

- A report which pulls **all** crashes on a given route and its coinciding routes within the specified county, dates, and Y-line
- All coinciding routes must be entered
- Identifies all crashes on the specified routes whether or not the routes or the crashes are mileposted
- Used as **quality control** (it is the most effective tool in identifying all possible crashes for a study location)
- Can be used independently of any study
- Access the Fiche Report screen by selecting the following:



⇒ Fiche Report

Fiche Report - Create New

- Click the **“New”** icon
- Enter the county, Y-Line, beginning date, and ending date
- Enter road name(s) and click the **“Submit”** button for each road entered
- Click on **“Validate Codes/Names”** button to populate the 8-digit road codes
- Click the **“Generate Fiche”** button

The screenshot shows the TEAS - Report - Fiche application window. The window title is "TEAS - Report - Fiche". The menu bar includes "Edit" and "Help". The toolbar contains icons for file operations and a "New" icon (a red square with a white plus sign). The main interface has three tabs: "Lookup", "Validate Codes/Names", and "Generate Fiche". The "Generate Fiche" tab is selected. The "Target Area" section includes a "County" dropdown menu, a "Municipality" dropdown menu (set to "All and Rural"), and a "Y-Line Feet" dropdown menu (set to "150"). The "Date Span" section includes "Begin Date" and "End Date" text boxes. The "Road Identification" section includes a "Table Input" section with a text box and a "Submit" button. Below the "Table Input" section is a table with two columns: "Road Code" and "Road Name".

Annotations with arrows pointing to the corresponding elements in the screenshot:

- “New” icon
- Enter a county
- Enter a Y-Line
- Enter a beginning date
- Enter an ending date
- Enter road name(s)
- Submit Button
- Generate Fiche

Fiche Report - Create New (Cont.)

CAUTION!

It is not recommended that the “Municipality” field be changed because some crashes that occurred in municipalities are miscoded and do not get a municipal code. If this happens, those crashes will not be identified on the fiche report even though they actually occurred within a municipality.

Also, if crashes occur outside of a municipality but are within the extra-territorial jurisdiction (ETJ) of, or responded to by, the municipality then these crashes will not be identified on the fiche report.

Road Identification Table

- To add a road:
 - Enter either a road name or an 8-digit road code (Note - Entering a road name is preferred as the system will look up the code for you. Also, if you enter the 8-digit code then the road name will **not** be displayed on the fiche report.)
 - Click the “**Submit**” button
(Repeat this process to add additional coinciding routes)
- To delete a road:
 - Highlight the row (click on it)
 - Click the “**Delete**” key on the keyboard
- To modify an already added road:
 - Highlight the row (click on it)
 - Click the “**Enter**” key on the keyboard
 - Modify the selected road in the “Table Input” fields
 - Click “**Submit**” button

Road Identification Table (Cont.)

- To retrieve local names for secondary roads:
 - Click the “**Lookup**” button
(The “Secondary Route Names Lookup” screen will open)
 - Highlight the roads that are to be added
 - Highlight multiple roads by pressing the “Ctrl” or “Shift” keys
 - Click the “**Include**” button
- After all roads have been added, validate entries by clicking the “**Validate Codes/Names**” button

Road Identification Table (Cont.)

CAUTION!

It is not recommended to enter 8-digit road codes in the “Road Identification” table because the road name(s) will not be displayed on the fiche report.

When entering state road names (i.e. - I, US, NC, and SR routes), be sure to place a space between the letter(s) and the number(s). For example, I 40 should be entered instead of I40 or I-40.

Remember that the secondary road lookup table is incomplete and using the “Lookup” function to find local names of secondary roads may yield incomplete or incorrect information. Always use a reliable source (such as maps or local knowledge) to determine the local names of secondary roads.

Fiche Report Example

Suppose you wanted to create a fiche report for SR 1335 in Washington County, from 1/1/1990 thru 12/31/1999, with a Y-Line of 150 feet:

Step A: Click on the “**New**” icon

Step B: Enter County (WASHINGTON)

Step C: Enter the Y-Line (150)

Step D: Enter the begin date (1/1/1990)

Step E: Enter the end date (12/31/1999)

Step F: Enter the road name (SR 1335)

Step G: Click the “**Submit**” button

Step B

Step D

Step E

Step F

Step G

Step A

Step C

The screenshot shows a software window titled "TEAS - Report - Fiche". It has a menu bar with "Edit" and "Help". Below the menu bar is a toolbar with icons for "New", "Open", "Save", "Print", "Close", "GO", and a red flag icon. The main area contains several sections:

- Buttons:** "Lookup", "Validate Codes/Names", and "Generate Fiche".
- Target Area:** Includes "County" (dropdown menu with "WASHINGTON" selected), "Municipality" (dropdown menu with "All and Rural" selected), and "Y-Line (feet)" (input field with "150" and a dropdown arrow).
- Date Span:** Includes "Begin Date" (input field with "1/1/1990") and "End Date" (input field with "12/31/1999").
- Road Identification:** Includes a "Table Input" section with a text box containing "SR 1335" and a "Submit" button.
- Table:** A table with two columns: "Road Code" and "Road Name".

Arrows from the text on the left point to the following elements in the screenshot:

- Step A points to the "New" icon in the toolbar.
- Step B points to the "WASHINGTON" dropdown in the County field.
- Step C points to the "150" input in the Y-Line field.
- Step D points to the "1/1/1990" input in the Begin Date field.
- Step E points to the "12/31/1999" input in the End Date field.
- Step F points to the "SR 1335" input in the Table Input field.
- Step G points to the "Submit" button.

Fiche Report Example (Cont.)

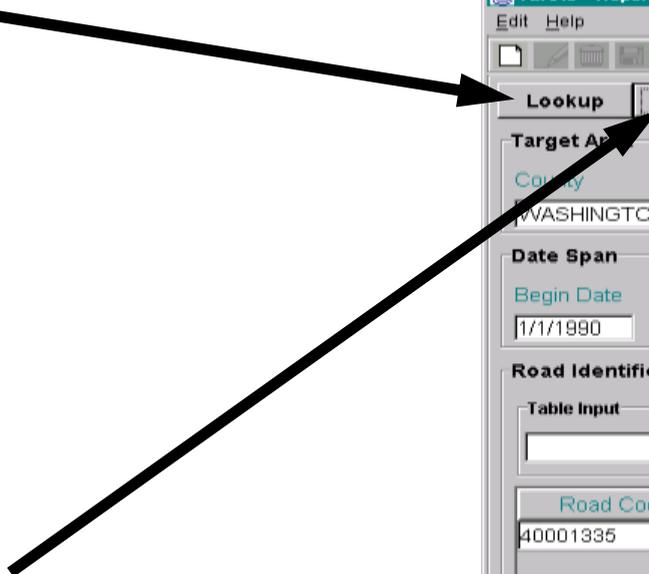
Step H - Click “**Validate Code/Names**” button

Step I - Click the “**Lookup**” button (to look for local names attached to SR 1335 in Washington County)

Step H



Step I



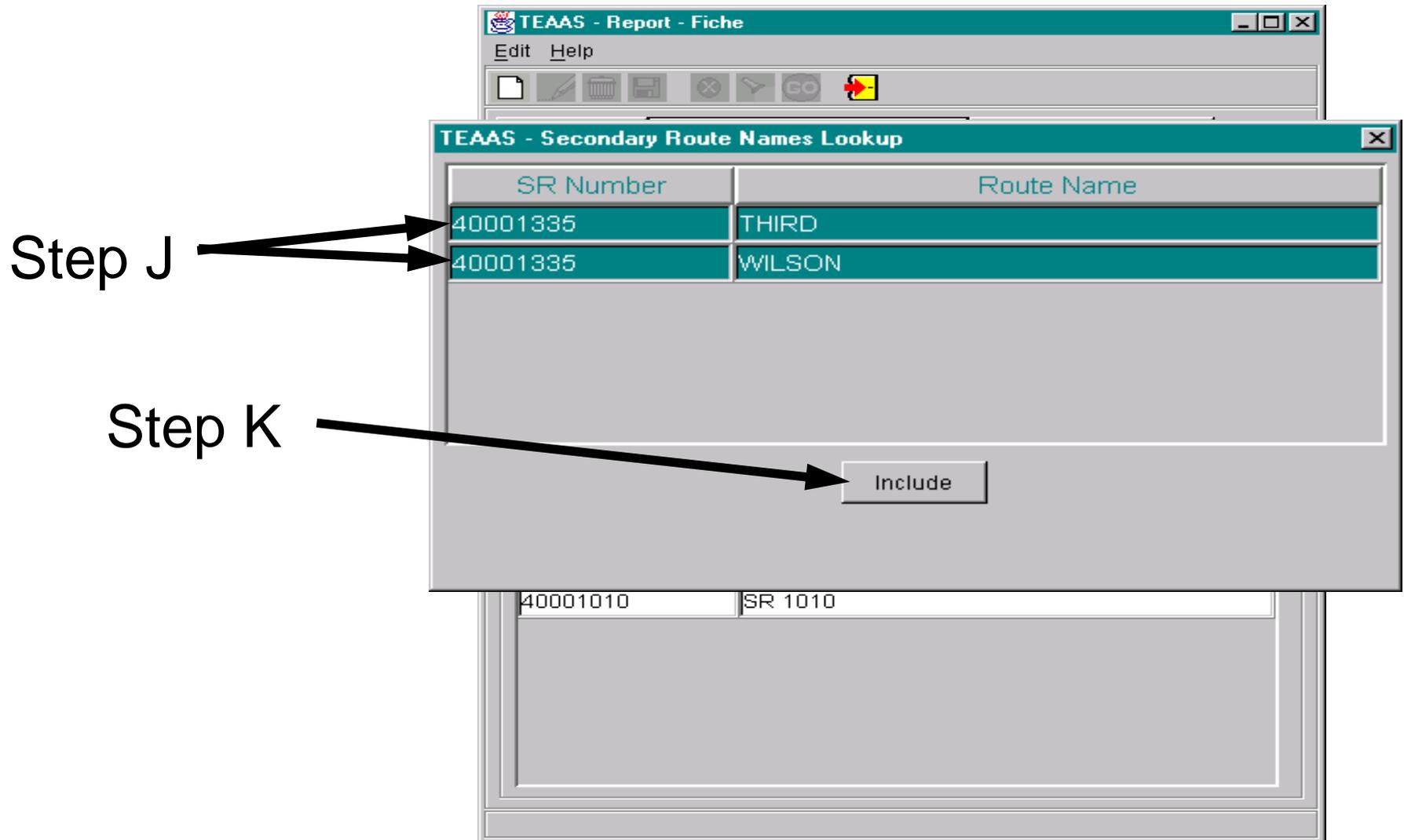
Road Code	Road Name
40001335	SR 1335

Remember! There may be local names attached to SR 1335 in Washington County, but they may not be stored in TEAAS.

Fiche Report Example (Cont.)

Step J - Highlight the local name(s) to be added (remember that multiple roads may be highlighted by pressing the “Ctrl” or “Shift” keys)

Step K - Click the “**Include**” button

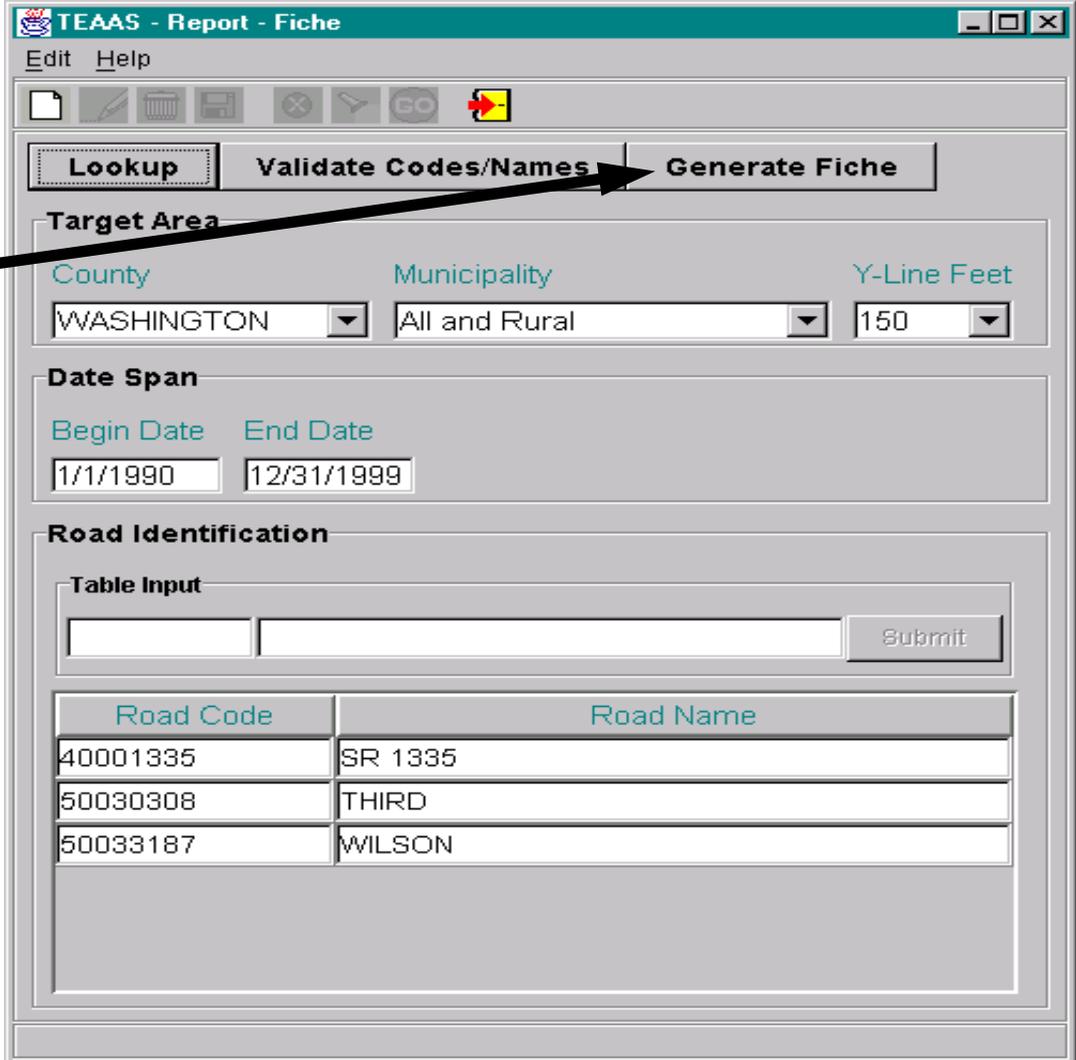


Fiche Report Example (Cont.)

Step L - Click the “**Generate Fiche**” button

The fiche will then be created and a separate Report Viewer window will open

Step L



TEAAS - Report - Fiche

Edit Help

Lookup Validate Codes/Names Generate Fiche

Target Area

County Municipality Y-Line Feet

WASHINGTON All and Rural 150

Date Span

Begin Date End Date

1/1/1990 12/31/1999

Road Identification

Table Input

Submit

Road Code	Road Name
40001335	SR 1335
50030308	THIRD
50033187	WILSON

Fiche Report Example (Cont.)

Report can be:

- viewed on screen
- printed directly to a printer
- saved into various formats

“Save” icon

“Print” icon

Zoom Control

Page navigator buttons

North Carolina Department
Traffic Engineering Accident
Fiche Report

County	County Code	Division	Municipality
WASHINGTON	93	1	All and Rural
Road Name	Road Code		
SR 1335	40001335		
THIRD	50030308		
WILSON	50033187		

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Fiche Report Example (Cont.)

The first page of the fiche report indicates the search criteria (this should be confirmed to ensure everything was entered correctly).

North Carolina Department of Transportation
Traffic Engineering Accident Analysis System
Fiche Report

<u>County</u>	<u>County Code</u>	<u>Division</u>	<u>Municipality</u>	<u>Municipality Code</u>	<u>Begin Date</u>	<u>End Date</u>	<u>Years</u>	<u>Y-Line Feet</u>
WASHINGTON	93	1	All and Rural		1/1/1990	12/31/1990	1.00	150

<u>Road Name</u>	<u>Road Code</u>
SR 1335	40001335
THIRD	50030308
WILSON	50033187

Fiche Report Example (Cont.)

The rest of the pages show identified crashes

Muni. Code	On Road	Miles / Dir		Toward Road	Milepost Road	MP	MA	Crash ID	Date	T	C	F	L	S
		From	From Road											
428	ADAMS	0.000	THIRD	WASHINGTON		999.999		90021552	1990-02-14	32	1	7	1	C
428	THIRD	0.000	JEFFERSON	FOURTH		999.999		90055325	1990-04-19	30	1	7	1	B
428	THIRD	0.000	MADISON	RANKIN		999.999		90076585	1990-05-26	15	1	7	1	B
428	THIRD	0.000	MADISON	ADAMS		999.999		90065782	1990-05-08	21	1	0	1	O
428	THIRD	0.000	N MONROE	MAIN		999.999		90124075	1990-08-24	30	1	7	1	A
428	THIRD	0.050	W WASHINGTON	JEFFERSON		999.999		90128610	1990-09-02	1	1	0	4	O
428	THOMAS	0.009	S THIRD	MADISON		999.999		90049036	1990-04-07	26	1	7	3	O
428	WILSON	0.019	N BATEMAN	GOLF		999.999		90182378	1990-12-08	15	2	0	1	C
428	WILSON	0.014	E CAROLINA			999.999		90126446	1990-08-29	30	1	0	1	O
0	SR 1335	0.023	NE US 64	PLYMOUTH	SR 1335	0.023		90148698	1990-10-10	1	1	5	5	A
0	SR 1335	0.200	E NC 149	SR 1107	SR 1335	999.999		90133044	1990-09-11	1	2	0	3	C
428	WASHINGTON	0.000	THIRD		SR 1357	0.530		90195091	1990-12-09	14	1	7	4	K
428	WASHINGTON	0.000	THIRD	MAIN	SR 1357	0.530		90179496	1990-12-03	30	1	7	1	C
428	WASHINGTON	0.000	THIRD	JEFFERSON	SR 1357	0.530		90093527	1990-06-27	30	1	7	1	B
0	US 64	0.000	SR 1335	PLYMOUTH	US 64	1.370		90142995	1990-10-02	17	1	7	1	O

Legend: Muni. Code - Municipality Code
 Dir - Direction
 MP - Milepost
 MA - Milepost Assumption

T - Accident Type
 C - Road Condition
 F - Roadway Feature
 L - Light Condition
 S - Accident Severity

Fiche Report Example (Cont.)

Muni. Code: Town code where the crash occurred

On Road: Road the crash occurred on

Miles / Dir From: Distance in miles, and the direction, from the "From Road" (Note – **Always** review crashes that have a distance but no direction!)

Muni. Code	On Road	Miles / Dir From	From Road	Toward Road	Milepost Road	MP	MA	Crash ID	Date	T	C	F	L	S
428	ADAMS	0.000	THIRD	WASHINGTON		999.999		90021552	1990-02-14	32	1	7	1	C
428	THIRD	0.000	JEFFERSON	FOURTH		999.999		90055325	1990-04-19	30	1	7	1	B
428	THIRD	0.000	MADISON	RANKIN		999.999		90076585	1990-05-26	15	1	7	1	B
428	THIRD	0.000	MADISON	ADAMS		999.999		90065782	1990-05-08	21	1	0	1	O
428	THIRD	0.000	N MONROE	MAIN		999.999		90124075	1990-08-24	30	1	7	1	A
428	THIRD	0.050	W WASHINGTON	JEFFERSON		999.999		90128610	1990-09-02	1	1	0	4	O
428	THOMAS	0.009	S THIRD	MADISON		999.999		90049036	1990-04-07	26	1	7	3	O
428	WILSON	0.019	N BATEMAN	GOLF		999.999		90182378	1990-12-08	15	2	0	1	C
428	WILSON	0.014	E CAROLINA			999.999		90126446	1990-08-29	30	1	0	1	O
0	SR 1335	0.023	NE US 64	PLYMOUTH	SR 1335	0.023		90148698	1990-10-10	1	1	5	5	A
0	SR 1335	0.200	E NC 149	SR 1107	SR 1335	999.999		90133044	1990-09-11	1	2	0	3	C
428	WASHINGTON	0.000	THIRD		SR 1357	0.530		90195091	1990-12-09	14	1	7	4	K
428	WASHINGTON	0.000	THIRD	MAIN	SR 1357	0.530		90179496	1990-12-03	30	1	7	1	C
428	WASHINGTON	0.000	THIRD	JEFFERSON	SR 1357	0.530		90093527	1990-06-27	30	1	7	1	B
0	US 64	0.000	SR 1335	PLYMOUTH	US 64	1.370		90142995	1990-10-02	17	1	7	1	O

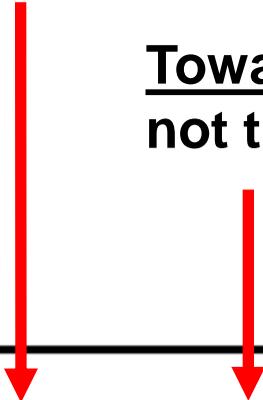
Legend: Muni. Code - Municipality Code
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Fiche Report Example (Cont.)

From Road: The road or boundary the distance and direction was measured from (or the intersecting road if an intersection)

Toward Road: A nearby intersecting road, but not the road the distance was measured from



Muni. Code	On Road	Miles / Dir	From	From Road	Toward Road	Milepost Road	MP	MA	Crash ID	Date	T	C	F	L	S
428	ADAMS	0.000		THIRD	WASHINGTON		999.999		90021552	1990-02-14	32	1	7	1	C
428	THIRD	0.000		JEFFERSON	FOURTH		999.999		90055325	1990-04-19	30	1	7	1	B
428	THIRD	0.000		MADISON	RANKIN		999.999		90076585	1990-05-26	15	1	7	1	B
428	THIRD	0.000		MADISON	ADAMS		999.999		90065782	1990-05-08	21	1	0	1	O
428	THIRD	0.000	N	MONROE	MAIN		999.999		90124075	1990-08-24	30	1	7	1	A
428	THIRD	0.050	W	WASHINGTON	JEFFERSON		999.999		90128610	1990-09-02	1	1	0	4	O
428	THOMAS	0.009	S	THIRD	MADISON		999.999		90049036	1990-04-07	26	1	7	3	O
428	WILSON	0.019	N	BATEMAN	GOLF		999.999		90182378	1990-12-08	15	2	0	1	C
428	WILSON	0.014	E	CAROLINA			999.999		90126446	1990-08-29	30	1	0	1	O
0	SR 1335	0.023	NE	US 64	PLYMOUTH	SR 1335	0.023		90148698	1990-10-10	1	1	5	5	A
0	SR 1335	0.200	E	NC 149	SR 1107	SR 1335	999.999		90133044	1990-09-11	1	2	0	3	C
428	WASHINGTON	0.000		THIRD		SR 1357	0.530		90195091	1990-12-09	14	1	7	4	K
428	WASHINGTON	0.000		THIRD	MAIN	SR 1357	0.530		90179496	1990-12-03	30	1	7	1	C
428	WASHINGTON	0.000		THIRD	JEFFERSON	SR 1357	0.530		90093527	1990-06-27	30	1	7	1	B
0	US 64	0.000		SR 1335	PLYMOUTH	US 64	1.370		90142995	1990-10-02	17	1	7	1	O

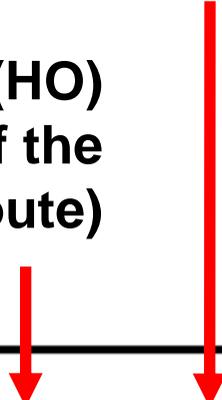
Legend: Muni. Code - Municipality Code
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Fiche Report Example (Cont.)

MP: Milepost on the high order (HO) route where the crash occurred (999.999 means the crash did not milepost)

Milepost Road: The high order (HO) route the crash is mileposted on (if the crash occurred on a mileposted route)



Muni. Code	On Road	Miles / Dir	From	From Road	Toward Road	Milepost Road	MP	MA	Crash ID	Date	T	C	F	L	S
428	ADAMS	0.000		THIRD	WASHINGTON		999.999		90021552	1990-02-14	32	1	7	1	C
428	THIRD	0.000		JEFFERSON	FOURTH		999.999		90055325	1990-04-19	30	1	7	1	B
428	THIRD	0.000		MADISON	RANKIN		999.999		90076585	1990-05-26	15	1	7	1	B
428	THIRD	0.000		MADISON	ADAMS		999.999		90065782	1990-05-08	21	1	0	1	O
428	THIRD	0.000	N	MONROE	MAIN		999.999		90124075	1990-08-24	30	1	7	1	A
428	THIRD	0.050	W	WASHINGTON	JEFFERSON		999.999		90128610	1990-09-02	1	1	0	4	O
428	THOMAS	0.009	S	THIRD	MADISON		999.999		90049036	1990-04-07	26	1	7	3	O
428	WILSON	0.019	N	BATEMAN	GOLF		999.999		90182378	1990-12-08	15	2	0	1	C
428	WILSON	0.014	E	CAROLINA			999.999		90126446	1990-08-29	30	1	0	1	O
0	SR 1335	0.023	NE	US 64	PLYMOUTH	SR 1335	0.023		90148698	1990-10-10	1	1	5	5	A
0	SR 1335	0.200	E	NC 149	SR 1107	SR 1335	999.999		90133044	1990-09-11	1	2	0	3	C
428	WASHINGTON	0.000		THIRD		SR 1357	0.530		90195091	1990-12-09	14	1	7	4	K
428	WASHINGTON	0.000		THIRD	MAIN	SR 1357	0.530		90179496	1990-12-03	30	1	7	1	C
428	WASHINGTON	0.000		THIRD	JEFFERSON	SR 1357	0.530		90093527	1990-06-27	30	1	7	1	B
0	US 64	0.000		SR 1335	PLYMOUTH	US 64	1.370		90142995	1990-10-02	17	1	7	1	O

Legend: Muni. Code - Municipality Code
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 MA - Milepost Assumption

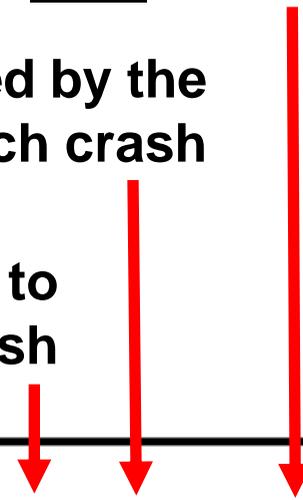
T - Accident Type
 C - Road Condition
 F - Roadway Feature
 L - Light Condition
 S - Accident Severity

Fiche Report Example (Cont.)

Date: Date of the crash

Crash ID: Unique ID number assigned by the DMV to each crash

MA: Milepost “assumption” made by TEAAS to assign a milepost to an unmileposted crash



Muni. Code	On Road	Miles / Dir	From	From Road	Toward Road	Milepost Road	MP	MA	Crash ID	Date	T	C	F	L	S
428	ADAMS	0.000		THIRD	WASHINGTON		999.999		90021552	1990-02-14	32	1	7	1	C
428	THIRD	0.000		JEFFERSON	FOURTH		999.999		90055325	1990-04-19	30	1	7	1	B
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428	THIRD	0.000	N	MONROE	MAIN		999.999		90124075	1990-08-24	30	1	7	1	A
428	THIRD	0.050	W	WASHINGTON	JEFFERSON		999.999		90128610	1990-09-02	1	1	0	4	O
428	THOMAS	0.009	S	THIRD	MADISON		999.999		90049036	1990-04-07	26	1	7	3	O
428	WILSON	0.019	N	BATEMAN	GOLF		999.999		90182378	1990-12-08	15	2	0	1	C
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0	SR 1335	0.023	NE	US 64	PLYMOUTH	SR 1335	0.023		90148698	1990-10-10	1	1	5	5	A
0	SR 1335	0.200	E	NC 149	SR 1107	SR 1335	999.999		90133044	1990-09-11	1	2	0	3	C
428	WASHINGTON	0.000		THIRD		SR 1357	0.530		90195091	1990-12-09	14	1	7	4	K
428	WASHINGTON	0.000		THIRD	MAIN	SR 1357	0.530		90179496	1990-12-03	30	1	7	1	C
428	WASHINGTON	0.000		THIRD	JEFFERSON	SR 1357	0.530		90093527	1990-06-27	30	1	7	1	B
0	US 64	0.000		SR 1335	PLYMOUTH	US 64	1.370		90142995	1990-10-02	17	1	7	1	O

Legend: Muni. Code - Municipality Code
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Fiche Report Example (Cont.)

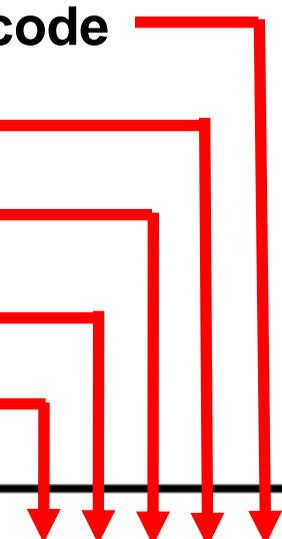
S: DMV crash severity code

L: DMV light condition code

F: DMV feature code

C: DMV road condition code

T: DMV crash type code



Muni. Code	On Road	Miles / Dir	From	From Road	Toward Road	Milepost Road	MP	MA	Crash ID	Date	T	C	F	L	S
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428	WILSON	0.014	E	CAROLINA			999.999		90126446	1990-08-29	30	1	0	1	O
0	SR 1335	0.023	NE	US 64	PLYMOUTH	SR 1335	0.023		90148698	1990-10-10	1	1	5	5	A
0	SR 1335	0.200	E	NC 149	SR 1107	SR 1335	999.999		90133044	1990-09-11	1	2	0	3	C
428	WASHINGTON	0.000		THIRD		SR 1357	0.530		90195091	1990-12-09	14	1	7	4	K
428	WASHINGTON	0.000		THIRD	MAIN	SR 1357	0.530		90179496	1990-12-03	30	1	7	1	C
428	WASHINGTON	0.000		THIRD	JEFFERSON	SR 1357	0.530		90093527	1990-06-27	30	1	7	1	B
0	US 64	0.000		SR 1335	PLYMOUTH	US 64	1.370		90142995	1990-10-02	17	1	7	1	O

Legend: Muni. Code - Municipality Code
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 MP - Milepost
 MA - Milepost Assumption

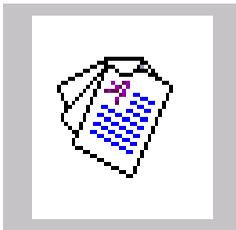
T - Accident Type
 C - Road Condition
 F - Roadway Feature
 L - Light Condition
 S - Accident Severity

Fiche Report Example (Cont.)

- Although crash information is limited on the fiche report, it does show all crashes reported on the selected road(s) meeting the criteria specified (date range and Y-line).
- An asterisk (*) preceding any road name in the “On”, “From”, or “Toward” road fields indicates that an 8-digit code could not be found for the text keyed into the system.
- Fewer crash reports need to be reviewed since road names can be helpful in determining crash locations.
- Most non-mileposted crashes (999.999) can now be mileposted from the fiche report.
- Knowing the location can assist in eliminating crashes from the fiche.

Fiche Codes Index

- Codes for crash type, road condition, features, light condition, and crash severity are the same as those used by the DMV on the crash report form (DMV-349)
- These codes are also located in TEAAS for convenience
- Access the codes index report by selecting the following:



**Fiche, Intersection, and Strip
Reports Codes Index**

Fiche Codes Index (Cont.)

North Carolina Department of Transportation
Traffic Engineering Accident Analysis System
Fiche, Intersection, and Strip Reports Code Index

T - Type of Accident Codes

- 0 = UNKNOWN
- 1 = RAN OFF ROAD - RIGHT
- 2 = RAN OFF ROAD - LEFT
- 3 = RAN OFF ROAD - STRAIGHT
- 4 = JACKKNIFE
- 5 = OVERTURN/ROLLOVER
- 13 = OTHER NON-COLLISION
- 14 = PEDESTRIAN
- 15 = PEDALCYCLIST
- 16 = RR TRAIN, ENGINE
- 17 = ANIMAL
- 18 = MOVABLE OBJECT
- 19 = FIXED OBJECT
- 20 = PARKED MOTOR VEHICLE
- 21 = REAR END, SLOW OR STOP
- 22 = REAR END, TURN
- 23 = LEFT TURN, SAME ROADWAY
- 24 = LEFT TURN, DIFFERENT ROADWAYS
- 25 = RIGHT TURN, SAME ROADWAY
- 26 = RIGHT TURN, DIFFERENT ROADWAYS
- 27 = HEAD ON
- 28 = SIDESWIFE, SAME DIRECTION
- 29 = SIDESWIFE, OPPOSITE DIRECTION
- 30 = ANGLE
- 31 = BACKING UP
- 32 = OTHER COLLISION WITH VEHICLE

R - Road Condition Codes

- 1 = DRY
- 2 = WET
- 3 = WATER (STANDING, MOVING)
- 4 = ICE
- 5 = SNOW
- 6 = SLUSH
- 7 = SAND, MUD, DIRT, GRAVEL
- 8 = FUEL, OIL
- 9 = OTHER
- 10 = UNKNOWN

S - Accident Severity Codes

- K = FATAL
- A = A-LEVEL INJURY
- B = B-LEVEL INJURY
- C = C-LEVEL INJURY
- O = PROPERTY DAMAGE ONLY

L - Light Condition Codes

- 1 = DAYLIGHT
- 2 = DUSK
- 3 = DAWN
- 4 = DARK - LIGHTED ROADWAY
- 5 = DARK - ROADWAY NOT LIGHTED
- 6 = DARK - UNKNOWN LIGHTING
- 7 = OTHER
- 8 = UNKNOWN

Ch - Road Character

- 1 = STRAIGHT, LEVEL
- 2 = STRAIGHT, HILLCREST
- 3 = STRAIGHT, GRADE
- 4 = STRAIGHT, BOTTOM (SAG)
- 5 = CURVE, LEVEL
- 6 = CURVE, HILLCREST
- 7 = CURVE, GRADE
- 8 = CURVE, BOTTOM (SAG)
- 9 = OTHER

F - Road Feature Codes

- 0 = NO SPECIAL FEATURE
- 1 = BRIDGE
- 2 = BRIDGE APPROACH
- 3 = UNDERPASS
- 4 = DRIVEWAY, PUBLIC
- 5 = DRIVEWAY, PRIVATE
- 6 = ALLEY INTERSECTION
- 7 = FOUR-WAY INTERSECTION
- 8 = T-INTERSECTION
- 9 = Y-INTERSECTION
- 10 = TRAFFIC CIRCLE/ROUNDBOUT
- 11 = FIVE-POINT, OR MORE
- 12 = RELATED TO INTERSECTION
- 13 = NON-INTERSECTION MEDIAN CROSSING
- 14 = END OR BEGINNING - DIVIDED HIGHWAY
- 15 = OFF RAMP ENTRY
- 16 = OFF RAMP PROPER
- 17 = OFF RAMP TERMINAL ON CROSSROAD
- 18 = MERGE LANE BETWEEN ON AND OFF RAMP
- 19 = ON RAMP ENTRY
- 20 = ON RAMP PROPER
- 21 = ON RAMP TERMINAL ON CROSSROAD
- 22 = RAILROAD CROSSING
- 23 = TUNNEL
- 24 = SHARED-USE PATHS OR TRAILS
- 25 = OTHER

W - Weather Condition Codes

- 1 = CLEAR
- 2 = CLOUDY
- 3 = RAIN
- 4 = SNOW
- 5 = FOG, SMOG, SMOKE
- 6 = SLEET, HAIL, FREEZING RAIN/DRIZZLE
- 7 = SEVERE CROSSWINDS
- 8 = BLOWING SAND, DIRT, SNOW
- 9 = OTHER

Dc - Traffic Control Operation

- 1 = YES
- 2 = NO
- 3 = UNKNOWN

North Carolina Department of Transportation
Traffic Engineering Accident Analysis System
Fiche, Intersection, and Strip Reports Code Index

Dv - Traffic Control Device

- 0 = NO CONTROL PRESENT
- 1 = STOP SIGN
- 2 = YIELD SIGN
- 3 = STOP AND GO SIGNAL
- 4 = FLASHING SIGNAL WITH STOP SIGN
- 5 = FLASHING SIGNAL WITHOUT STOP SIGN
- 6 = RR GATE AND FLASHER
- 7 = RR FLASHER
- 8 = RR CROSSBUCKS ONLY
- 9 = HUMAN CONTROL
- 10 = WARNING SIGN
- 11 = SCHOOL ZONE SIGNS
- 12 = FLASHING STOP AND GO SIGNAL
- 13 = DOUBLE YELLOW LINE, NO PASSING ZONE
- 14 = OTHER

Us Codes

- UNDETECTED
- DETECTED
- ACCIDENT SUSPECTED
- HAZARD DETECTED

Ci - Roadway Contributing Circumstances

- 0 = NONE (NO UNUSUAL CONDITIONS)
- 1 = ROAD SURFACE CONDITION
- 2 = DEBRIS
- 3 = RUT, HOLES, BUMPS
- 4 = WORK ZONE (CONSTRUCTION, MAINTENANCE, UTILITY)
- 5 = WORN TRAVEL-POLISHED SURFACE
- 6 = OBSTRUCTION IN ROADWAY
- 7 = TRAFFIC CONTROL DEVICE INOPERATIVE, NOT VISIBLE OR MISSING
- 8 = SHOULDERS LOW, SOFT OR HIGH
- 9 = NO SHOULDERS
- 10 = NON-HIGHWAY WORK
- 11 = OTHER
- 12 = UNKNOWN

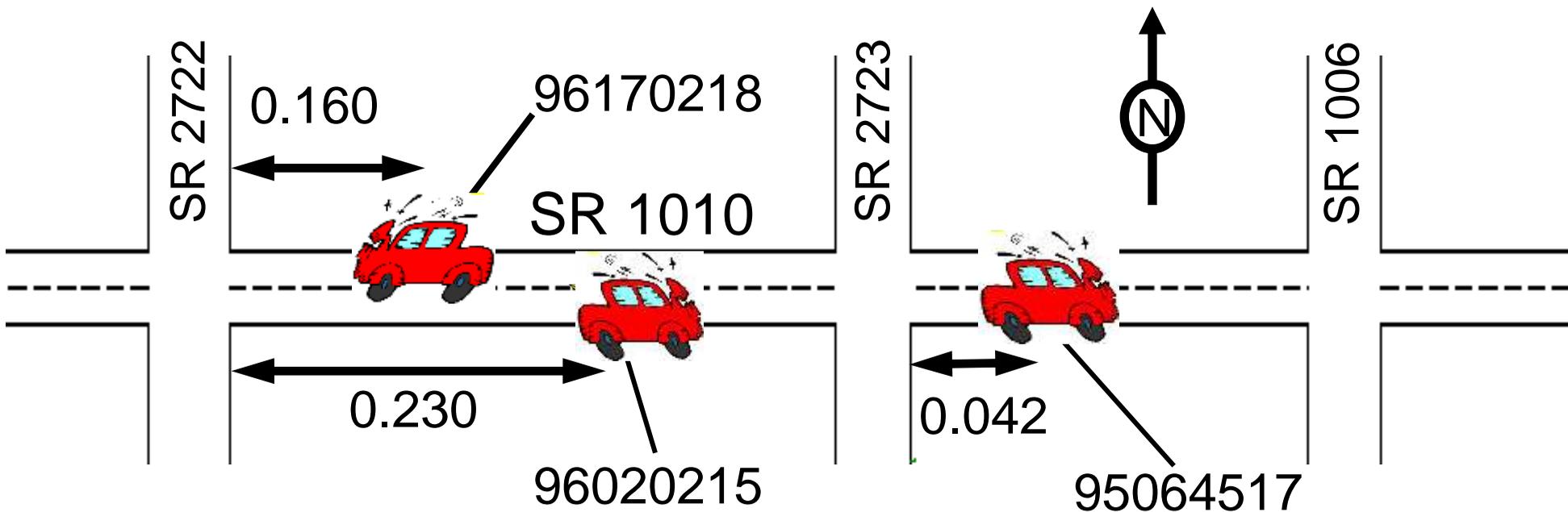
North Carolina Department of Transportation
Traffic Engineering Accident Analysis System
Fiche, Intersection, and Strip Reports Code Index

Unit # - Vehicle Style Codes

- 1 = PASSENGER CAR
- 2 = PICKUP
- 3 = LIGHT TRUCK (MINI-VAN, PANEL)
- 4 = SPORT UTILITY
- 5 = VAN
- 6 = COMMERCIAL BUS
- 7 = SCHOOL BUS
- 8 = ACTIVITY BUS
- 9 = OTHER BUS
- 10 = SINGLE UNIT TRUCK (2-AXLE, 6-TIRE)
- 11 = SINGLE UNIT TRUCK (3 OR MORE AXLES)
- 12 = TRUCK/TRAILER
- 13 = TRUCK/TRACTOR
- 14 = TRACTOR/SEMI-TRAILER
- 15 = TRACTOR/DOULBES
- 16 = UNKNOWN HEAVY TRUCK
- 17 = TAXICAB
- 18 = FARM EQUIPMENT
- 19 = FARM TRACTOR
- 20 = MOTORCYCLE
- 21 = MOPED
- 22 = MOTOR SCOOTER OR MOTOR BIKE
- 23 = PEDALCYCLE
- 24 = PEDESTRIAN
- 25 = MOTOR HOME/RECREATIONAL VEHICLE
- 26 = OTHER
- 27 = ALL TERRAIN VEHICLE (ATV)
- 28 = FIRETRUCK
- 29 = EMS VEHICLE, AMBULANCE, RESCUE SQUAD
- 30 = MILITARY
- 31 = POLICE
- 32 = UNKNOWN

Fiche Report (Visual Representation)

Muni. Code	On Road	Miles / Dir From	From Road	Toward Road	Milepost Road	Milepost	Crash ID	Date	T	C	F	S
0	SR 1010	0.160 E	SR 2722	SR 2723		999.999	96170218	1996-09-08	2	2	0	B
0	SR 1010	0.230 E	SR 2722	SR 2723		999.999	96020215	1996-01-27	2	2	5	0
0	SR 1010	0.042 E	SR 2723	SR 1006		999.999	95064517	1995-04-10	1	1	0	C



Note that none of these crashes mileposted. If you just ran a Strip Report (milepost dependant) for this section you would get no crashes, which is obviously not the case.

Fiche Report Exercise

- A) Run a fiche with the following criteria:
- Jefferson Street in Washington County
 - 150 foot Y-line
 - From 1/1/1998 thru 12/31/2000
- B) Save report as **C:\Fiche_Jefferson.csv**
- C) Open file in Excel and milepost all crashes with respect to Jefferson

Fiche Report Exercise (Cont.)

After running the fiche report, save the file as a comma separated text (CSV) document.

The screenshot shows a software window titled "Fiche Report - Detail". The window contains a report header and a table of data. A red arrow points to the "Save" icon in the toolbar. Another red arrow points to the "CSV" option in the "Select output file format" dialog box.

**North Carolina Department of Transportation
Traffic Engineering Accident Analysis System
Fiche Report**

County	County Code	Division	Municipality	Municipality Code	Begin Date	End Date	Years	Y-Line Feet
WASHINGTON	93	1	All and Rural		1/1/1998	12/31/2000	3.00	150

Road Name	Road Code
JEFFERSON	500153 55

Select output file format

Supported export formats

- PDF
- DHTML
- HTML
- Excel
- CSV**
- XML
- RTF
- JOI
- EMAIL

Cancel Help

Page 1 of 2 Licensed Copy 0.00", 0.00" 100%

“Save”
button

“CSV”
button

Fiche Report Exercise (Cont.)

Save the file as C:\Fiche_Jefferson.csv

Save

C:\ drive

File name

File type

The screenshot shows a software window titled "Fiche Report - Detail". The main content area displays a report from the "North Carolina Department of Transportation Traffic Engineering Accident Analysis System". The report includes a table with the following data:

County	County Code	Division	Municipality	Municipality Code	Begin Date	End Date	Years	Y-Line Feet
WASHINGTON	93	1	All and Rural		1/1/1998	12/31/2000	3.00	150

Below the table, there is a section for "Road Name" and "Road Code":

Road Name	Road Code
JEFFERSON	500153 55

An "Save" dialog box is open over the report, showing the "Look in:" field set to "C:\". The file name is "Fiche_Jefferson" and the file type is "Comma Separated Text (*.csv)". The "Save" button is highlighted with a red arrow.

Red arrows point from the text labels to the corresponding elements in the screenshot: "C:\ drive" points to the "Look in:" field, "File name" points to the "File name:" field, "File type" points to the "Files of type:" dropdown, and "Save" points to the "Save" button.

Page 1 of 2 Licensed Copy 0.00", 0.00" 100%

Fiche Report Exercise (Cont.)

Open the C:\Fiche_Jefferson.csv file and save it as an Excel spreadsheet (C:\Fiche_Jefferson.xls) on the C:\ drive using the “File” and “Save As...” functions:

“File” and
“Save As...”
functions

C:\ drive

File type

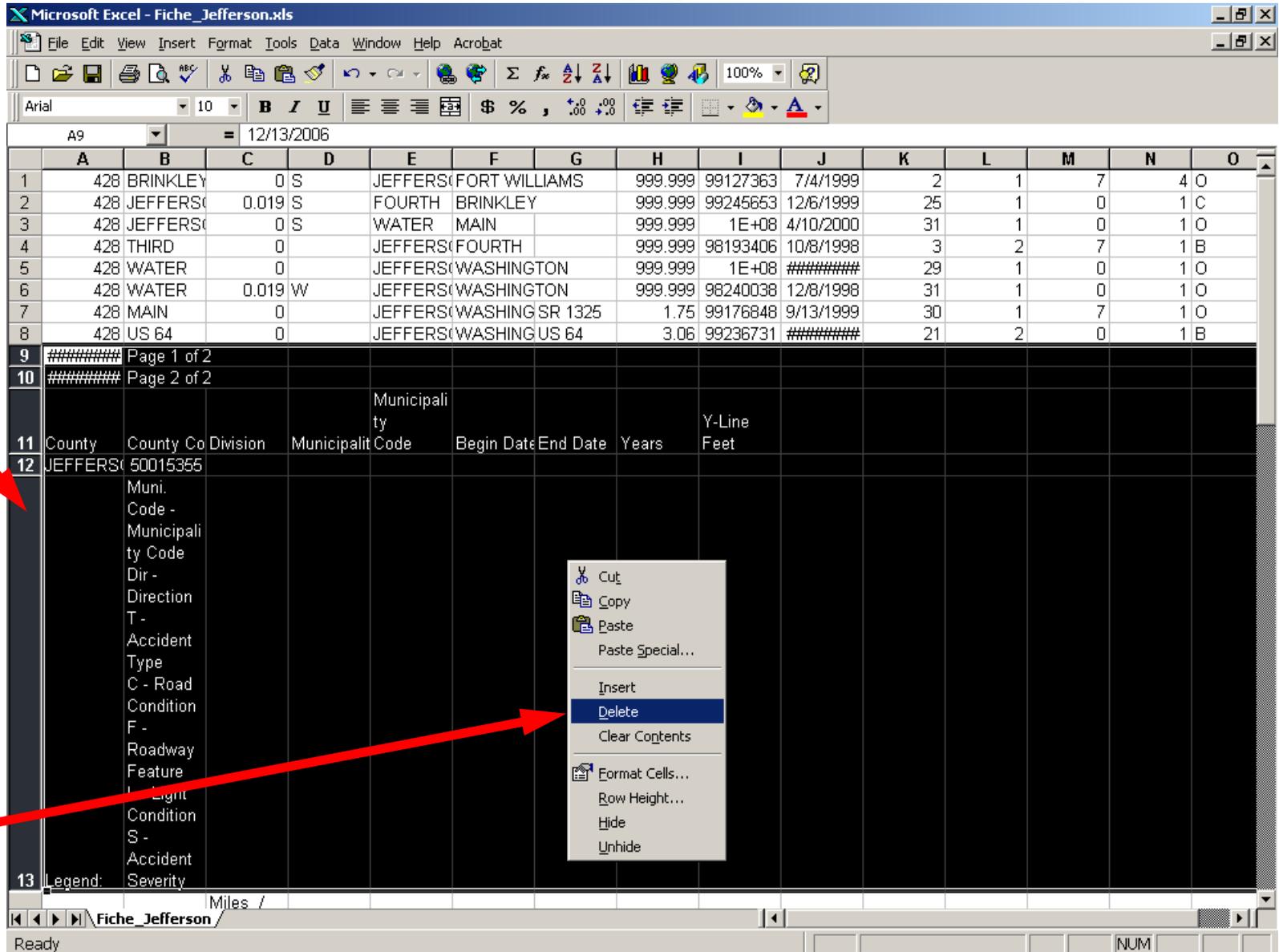
The screenshot shows the Microsoft Excel application window titled "Microsoft Excel - Fiche_Jefferson.csv". The menu bar includes File, Edit, View, Insert, Format, Tools, Data, Window, Help, and Acrobat. The toolbar contains various icons for file operations and editing. The spreadsheet displays data from the North Carolina Department of Transportation Traffic Engineering Accident Analysis System. A "Save As" dialog box is open, showing the "SYSTEM (C:)" drive. The "File name" field contains "Fiche_Jefferson.csv" and the "Save as type" dropdown is set to "CSV (Comma delimited) (*.csv)". A red arrow points to the "Save" button in the dialog box.

County	County Co	Division	Municipal	Municipali	Begin Date	End Date	Years	Y-Line										
North																		
WASHING		93	1	All and Rural	1/1/1998		#####	3	150									
JEFFERS(	50015355																	
#####																		
428	BRINKLEY	0	S	JEFFERS(FORT WILLIAMS	999.999	99127363	7/4/1999	2										
428	JEFFERS(	0.019	S	FOURTH BRINKLEY	999.999	99245653	12/6/1999	25										
428	JEFFERS(	0	S	WATER MAIN	999.999	1E+08	4/10/2000	31										
428	THIRD	0		JEFFERS(FOURTH	999.999	98193406	10/8/1998	3										
428	WATER	0		JEFFERS(WASHINGTON	999.999	1E+08	#####	29										
428	WATER	0.019	W	JEFFERS(WASHINGTON	999.999	98240038	12/8/1998	31										
428	MAIN	0		JEFFERS(WASHING SR 1325	1.75	99176848	9/13/1999	30										
428	US 64	0		JEFFERS(WASHING US 64	3.06	99236731	#####	21										

Save

Fiche Report Exercise (Cont.)

Only the data and a header row are needed. Therefore, highlight and delete all unnecessary rows:



Select extra rows

Right click and select "Delete"

Fiche Report Exercise (Cont.)

Only the data and a header row are needed. Therefore, highlight and delete additional unnecessary rows:

The screenshot shows an Excel spreadsheet titled "Fiche_Jefferson.xls" with the following data:

	A	B	North Carolina Department of Transportation Traffic Engineering Accident Analysis System Fiche Report											
1	428	BRINKLEY	0.019	S	FOURTH	BRINKLEY	999.999	99245653	12/6/1999	25	1	0	1	C
2	428	JEFFERS	0	S	WATER	MAIN	999.999	1E+08	4/10/2000	31	1	0	1	O
3	428	JEFFERS	0	S	WATER	MAIN	999.999	98193406	10/8/1998	3	2	7	1	B
4	428	THIRD	0		JEFFERS	FOURTH	999.999	98193406	10/8/1998	3	2	7	1	B
5	428	WATER	0		JEFFERS	WASHINGTON	999.999	1E+08	#####	29	1	0	1	O
6	428	WATER	0.019	W	JEFFERS	WASHINGTON	999.999	98240038	12/8/1998	31	1	0	1	O
7	428	MAIN	0		JEFFERS	WASHINGTON SR 1325	1.75	99176848	9/13/1999	30	1	7	1	O
8	428	US 64	0		JEFFERS	WASHINGTON US 64	3.06	99236731	#####	21	2	0	1	B
9	Muni. Code	On Road	Miles / Dir From	From Road	Toward Ro	Milepost R	Milepost	Crash ID	Date	T	C	F	L	S
10	North Carolina Department of Transportation Traffic Engineering Accident Analysis System Fiche Report													
11	Road Nam	Road Code												
12	WASHING	93		1 All and Rural		144000	#####	3	150					

Select extra rows

Right click and select "Delete"

Fiche Report Exercise (Cont.)

Because the “Miles/Dir From” header is combined, the remaining headers are off by one cell.

Microsoft Excel - Fiche_Jefferson.xls

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	Muni. Code	On Road	Miles / Dir From	From Road	Toward Road	Milepost Road	Milepost	Crash ID	Date	T	C	F	L	S			
2	428	BRINKLEY	0	S	JEFFERSON	FORT WILLIAMS		999.999	99127363	7/4/1999	2	1	7	1	O		
3	428	JEFFERSON	0.019	S	FOURTH	BRINKLEY		999.999	99245653	12/6/1999	25	1	1	1	C		
4	428	JEFFERSON	0	S	WATER	MAIN		999.999	100070258	4/10/2000	31	1	0	1	O		
5	428	THIRD	0		JEFFERSON	FOURTH		999.999	98193406	10/8/1998	3	2	7	1	B		
6	428	WATER	0		JEFFERSON	WASHINGTON		999.999	100207224	10/16/2000	29	1	0	1	O		
7	428	WATER	0.019	W	JEFFERSON	WASHINGTON		999.999	98245653	12/8/1998	31	1	0	1	O		
8	428	MAIN	0		JEFFERSON	WASHINGTON	SR 1325	1.75	99176848	9/13/1999	30	1	7	1	O		
9	428	US 64	0		JEFFERSON	WASHINGTON	US 64	2.56	99236731	11/24/1999	21	2	0	1	B		

“Miles/Dir From” header

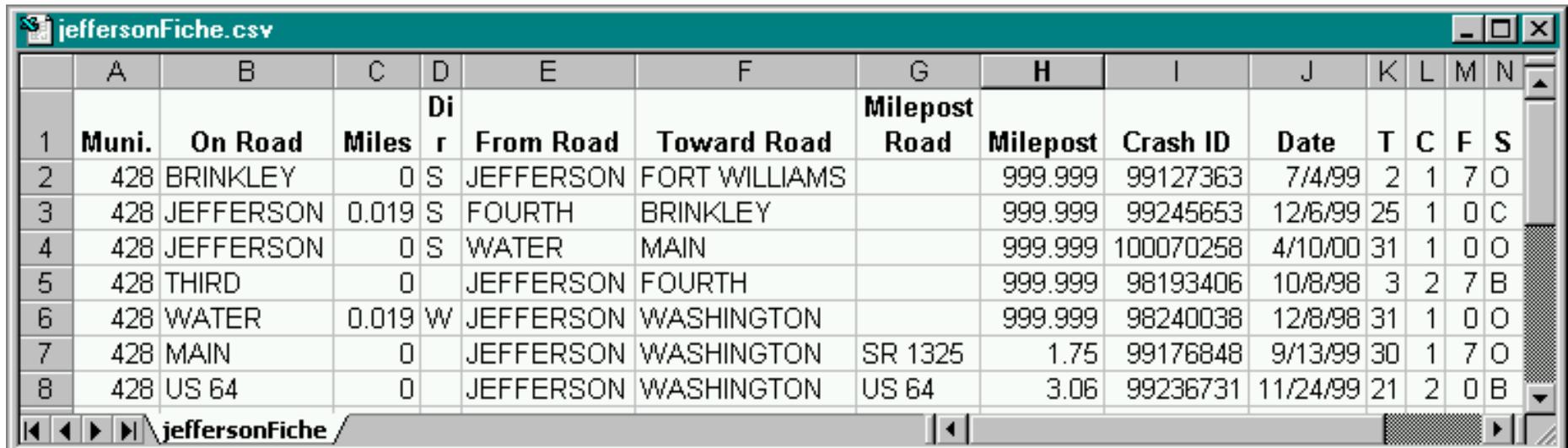
No header

Fiche Report Exercise (Cont.)

Adjust the headers for the “Miles” and “Dir” columns.

The location of the crashes can now be reviewed.

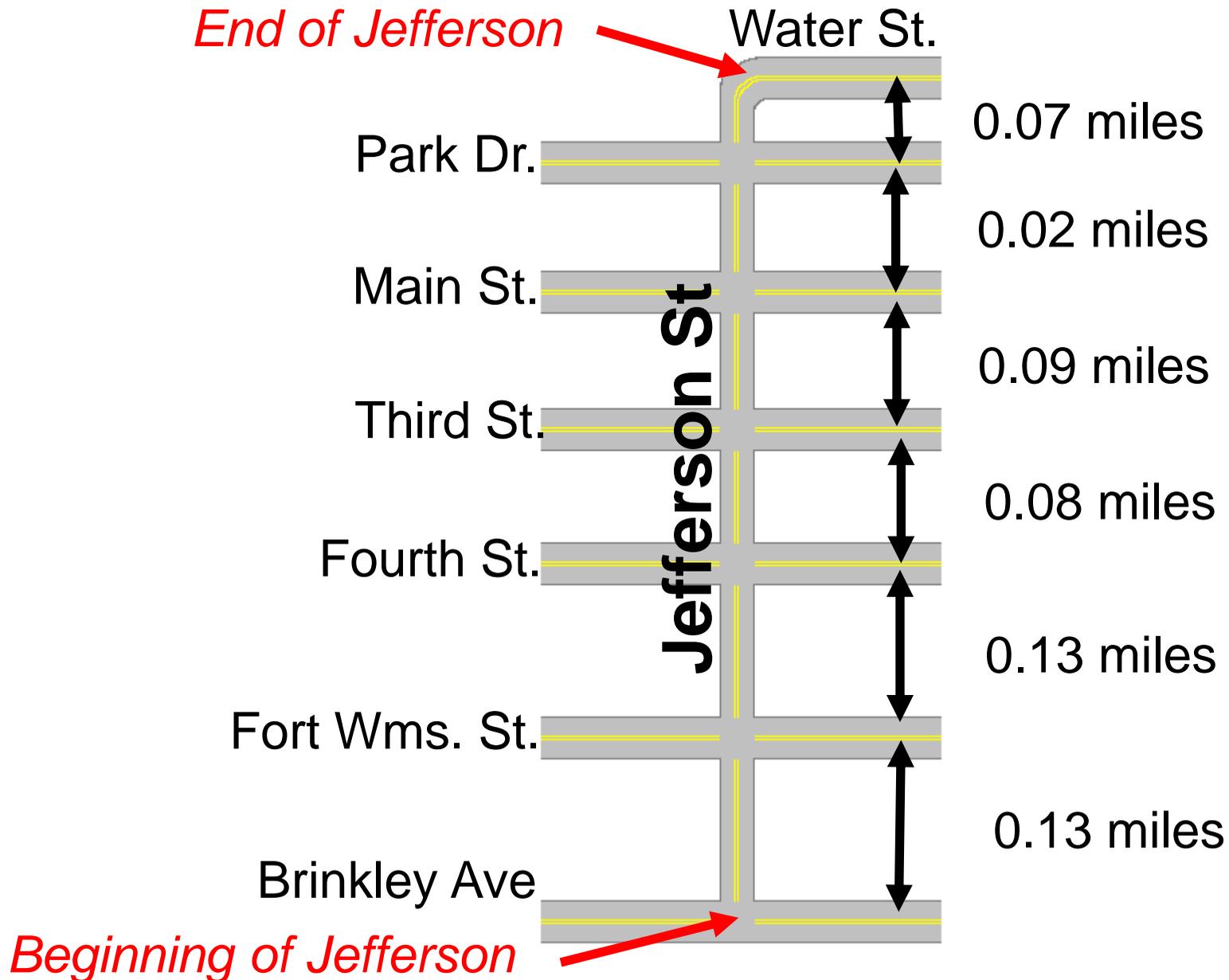
However, because Jefferson Street in Washington County is not mileposted, it must first be mileposted in order to determine the mileposts of the individual crashes (and, therefore, their locations).



	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Muni.	On Road	Miles	Dir	From Road	Toward Road	Milepost Road	Milepost	Crash ID	Date	T	C	F	S
2	428	BRINKLEY	0	S	JEFFERSON	FORT WILLIAMS		999.999	99127363	7/4/99	2	1	7	O
3	428	JEFFERSON	0.019	S	FOURTH	BRINKLEY		999.999	99245653	12/6/99	25	1	0	C
4	428	JEFFERSON	0	S	WATER	MAIN		999.999	100070258	4/10/00	31	1	0	O
5	428	THIRD	0		JEFFERSON	FOURTH		999.999	98193406	10/8/98	3	2	7	B
6	428	WATER	0.019	W	JEFFERSON	WASHINGTON		999.999	98240038	12/8/98	31	1	0	O
7	428	MAIN	0		JEFFERSON	WASHINGTON	SR 1325	1.75	99176848	9/13/99	30	1	7	O
8	428	US 64	0		JEFFERSON	WASHINGTON	US 64	3.06	99236731	11/24/99	21	2	0	B

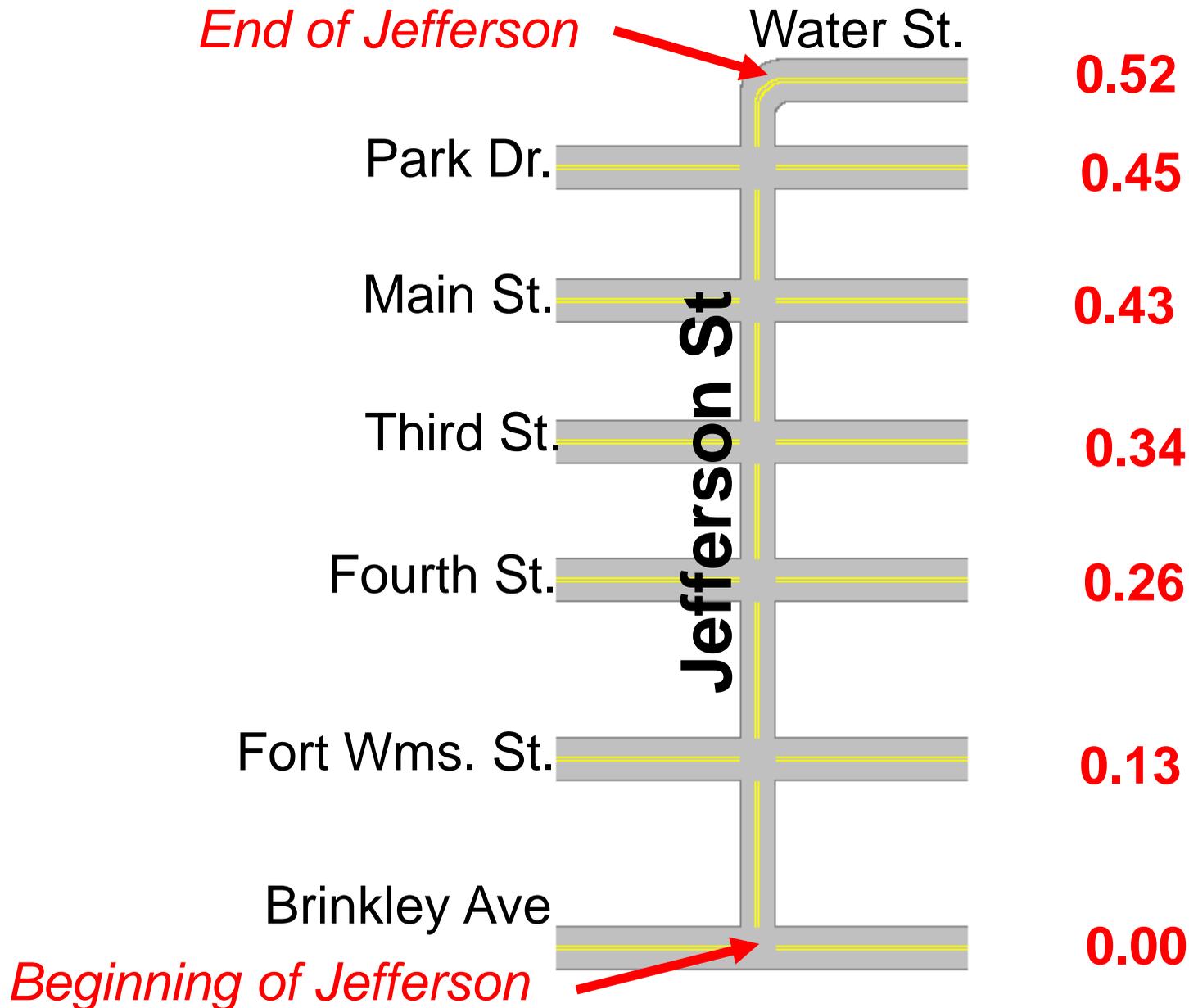
Fiche Report Exercise (Cont.)

Milepost Jefferson Street:



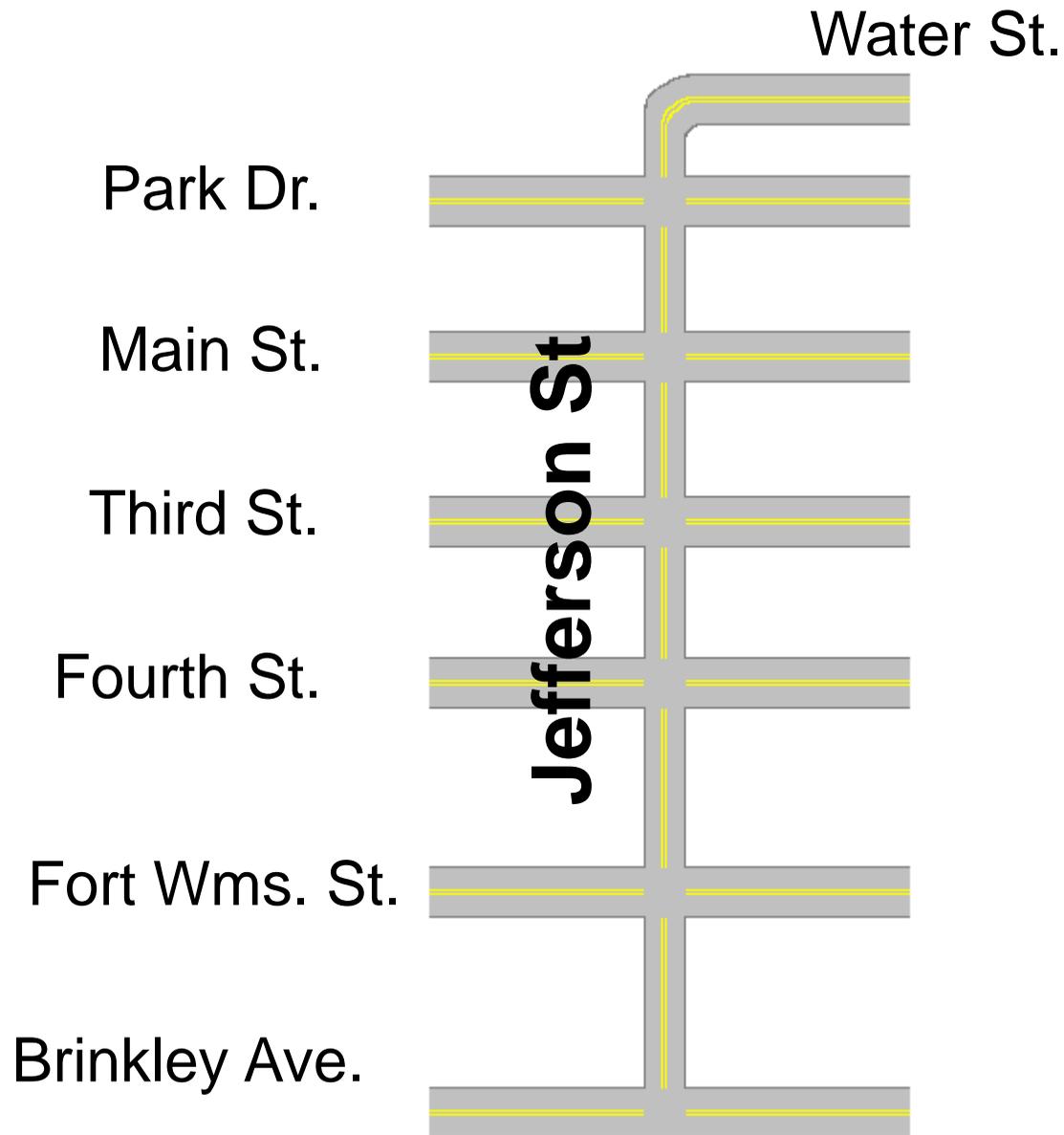
Fiche Report Exercise (Cont.)

Milepost Jefferson Street:



Fiche Report Exercise (Cont.)

Now locate and milepost crashes Jefferson St.



Fiche Report Exercise (Cont.)

Now locate and milepost crashes Jefferson St.

100070258 = 0.520

Water St.

Park Dr.

98240038 = 0.520

Main St.

99176848 = 0.430

Third St.

98193406 = 0.340

Fourth St.

99245653 = 0.241

Fort Wms. St.

Brinkley Ave.

99127363 = 0.000

