

Improving traffic safety through Police Traffic Collision Reporting

Washington State Patrol
Collision Records Section

Objective

Improve the quality of collision data collected from the Police Traffic Collision Report (PTCR) to ultimately improve traffic safety

Agenda

1. What is the PTCR used for
2. Workflow of SECTOR (Statewide Electronic Collision and Ticket Online Records system)
3. Workflow of the paper PTCR
4. What are the common errors
5. Who you can contact
6. Questions and recommendations

What is the PTCR used for (collision data customers)

National level
NHTSA, FHWA, HSIS, FMCSA, etc.

Governor's office

Safety equipment
companies

Legislature

Many state & local agencies

Private citizens

Driver Ed industry

Private attorneys

City and County
Engineers

Researchers



Insurance agencies

Anybody can request a collision report or collision report data for a variety of reasons



- Child restraint manufacturers
- Safety equipment companies
- Private citizens
- Media
- Highway Safety Information System (HSIS)
- Researchers
- Governor's office
- National Highway Traffic Safety Administration (NHTSA)
- Private attorneys
- Insurance agencies
- Legislature
- Federal Highway Administration
- Drivers Education Industry
- Many state and local agencies

Washington State plan to reduce serious injuries and fatality collisions to zero by 2030

Washington State Strategic Highway Safety Plan 2013

Zero Deaths & Zero Serious Injuries by 2030

Target ZERO



1

Washington's Strategic Highway Safety Plan

Three priority levels each containing various safety concerns

One:

- Impaired driving
- Run off the road
- Speeding
- Young drivers
- Distracted drivers
- Intersection related
- Traffic Data Systems

Two:

- Unrestrained passengers
- Unlicensed drivers
- Opposite direction
- Motorcyclist
- Pedestrian
- EMS and Trauma Care Systems

Three:

- Older Drivers 75+ Involved
- Heavy truck Involved
- Drowsy Driver Involved
- Bicyclist
- Work zone
- Wildlife
- School bus related
- Vehicle/train



Highway Improvement



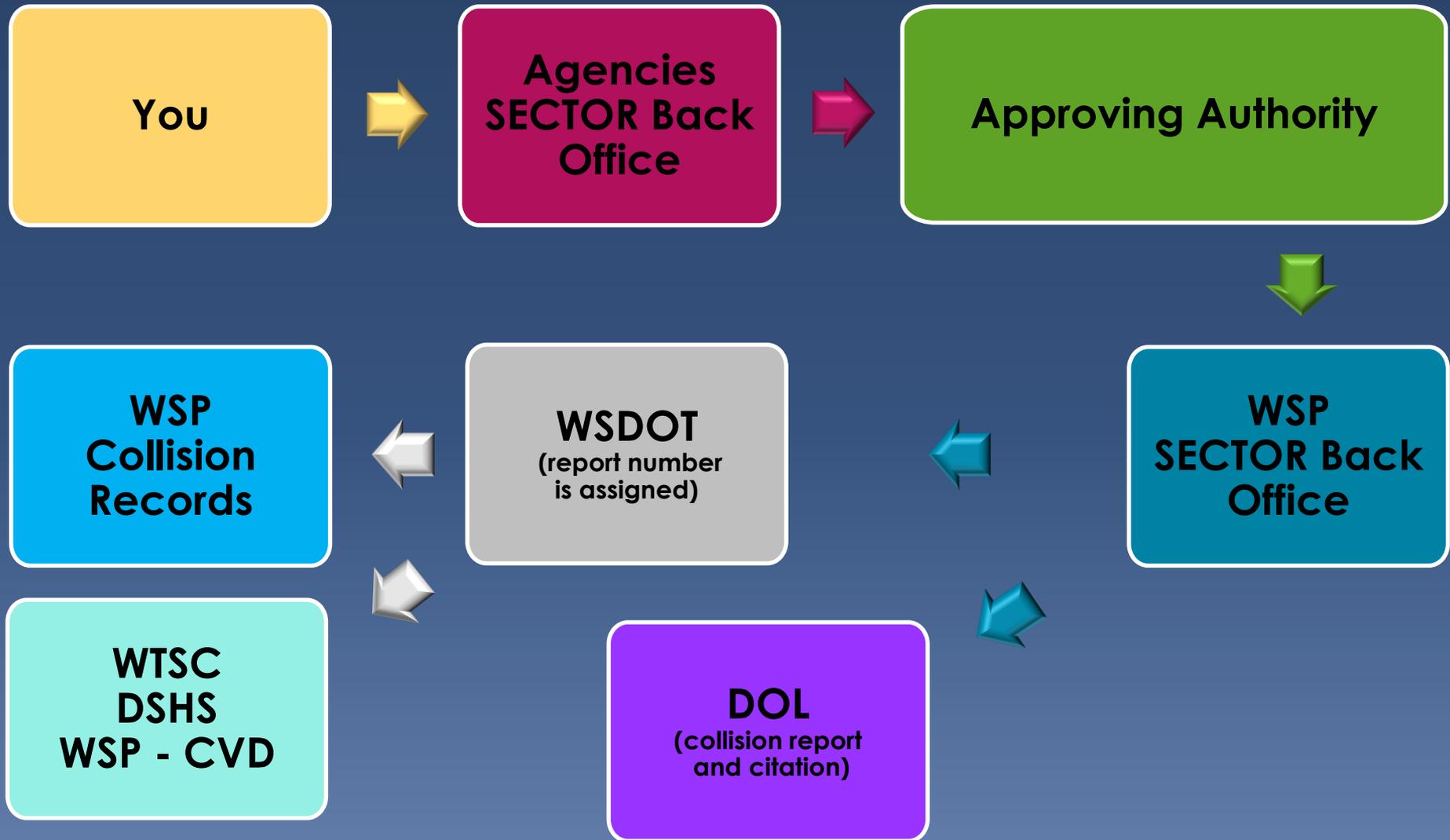
Prior to 2006, there was a high rate of reported cross-over collisions from Toppenish to the Columbia River on State Route 97. To help reduce this problem, the Washington State Department of Transportation (WSDOT) constructed a centerline rumble strip.

Since construction, all cross-over collisions have been reduced by 40% and serious injury or fatality collisions have been reduced by 28% annually

SECTOR submitted PTCR

Statewide Electronic Collision & Ticket Online Records (SECTOR) is the system used to submit PTCRs and/or Citations electronically

SECTOR workflow



SECTOR - seat position

Collision Interview - Motor Vehicle Persons

Please enter the following individual information for unit 1: Bg Motor Vehicle Unit 1

Insert - **Remove**

	Person Type	Name
<input checked="" type="checkbox"/>	Driver	DOUGLAS F PEECHER
<input checked="" type="checkbox"/>	Passenger	CHADRICK E JOLLIFF

Person Detail

Name: JOLLIFF CHADRICK E
Last Name First Name MI Filial

Address: 2402 LARCH ST SE
Lacey Washington 98503
City State Zip

New Address? Yes No Show in Exchange? Yes No

Birthdate: 11/18/1978 Age: 32 Day Phone: Night Phone:

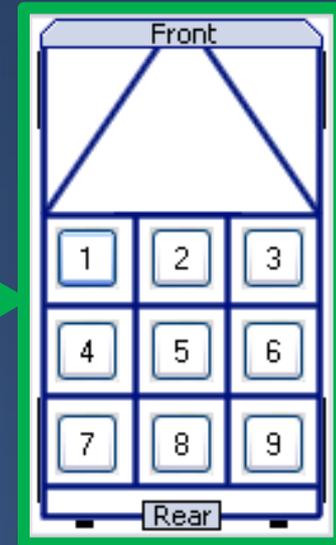
Gender: Male

Seat Pos: **Right Front**
Other Des: Center Front Center Middle Center Rear Left Front Left Middle Left Rear Motorcycle

DL No: DL State: Insurance Policy #: In Effect? Yes No

Ticket No: Charge:

Save **Cancel** **Prev** **Next** **Finished**



- SECTOR passenger seating position can be entered two ways. You may either choose from a drop down list or by selecting the ellipse box. Selecting the ellipse box will open a seat position diagram
- From the seat position diagram, you can select the seat position of the passenger by clicking on the seat number
- From the drop down list, if you select left rear passenger in a 5-6 passenger vehicle SECTOR will place them in seat position number 7 putting the passenger in the trunk of the vehicle



Injury classification

Nomenclature and has change for injury coding

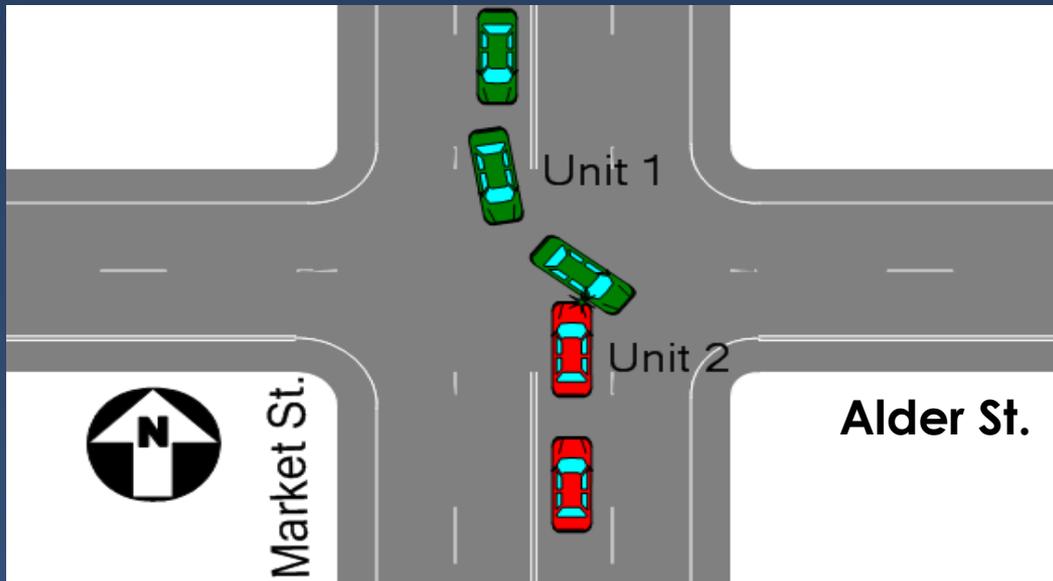
- Unknown
- No injury
- Possible injury
- Suspected Minor Injury
- Non-traffic injury
- Suspected Serious injury
- Non-traffic fatality
- Dead at scene
- Dead on arrival
- Died at hospital

The screenshot displays the SECTOR Client software interface. At the top, there is a menu bar with 'File', 'View', 'Tools', and 'Help'. Below the menu bar is a toolbar with buttons for 'New Ticket', 'New Collision', 'Open', 'Send/Receive...', 'Quick Capture', 'Display Report', 'Exchange of Info', and 'Help'. The main window is divided into several sections. On the left, there is a sidebar with 'Inbox', 'Accepted', and 'RCW' icons. The central area shows a table with columns for 'Content', 'Status', 'Case Number', 'Defendant', 'Date/Time', and 'Detail'. The table contains six rows of collision data. Overlaid on the right side of the table is a 'Collision Interview - Motor Vehicle Person Detail' form. This form has a title bar and a close button. Below the title bar, it says 'Please enter the following individual detail for unit 1:'. The form is divided into several sections: 'Person Type' (with a dropdown menu showing 'Driver' selected and 'UNKNOWN' as the name), 'Driver Specific Information' (including 'License (Hit F1 for help on codes)', 'Commercial Class', 'Endorsements', and 'Restrictions'), 'DRE Assessments' (with three numbered dropdown menus), 'Air Bag', 'Restraint System', 'Ejection', 'Helmet Use', 'Injury Class' (with a dropdown menu showing 'Unknown' selected and a list of other options like 'No injury', 'Possible Injury', 'Non-Disabling (Evident injury)', 'Non-Traffic Injury', 'Serious Injury', 'Non-Traffic Fatality', and 'Dead at Scene'), 'Nature of Injuries', 'Sobriety', 'BAC', 'On Duty Police or Firefighter?' (with 'Yes' and 'No' radio buttons), and 'Contributing Circumstances' (with three numbered dropdown menus). At the bottom of the form, there are buttons for 'Save', 'Cancel', 'Prev', 'Next', and 'Finished'.

Content	Status	Case Number	Defendant	Date/Time	Detail
1 Collision	Draft	12345	N/A	8/24/2011 08:49	1ST
2 Collision	Draft	20111112	N/A	8/23/2011 08:15	TUMWATER BLVD / CAPITOL BLVD
3 Collision	Draft	12			
4 Collision	Ready to Send	20			
5 Collision	Ready to Send	20			
6 Collision	Ready to Send	08			



Conflicting diagram and narrative

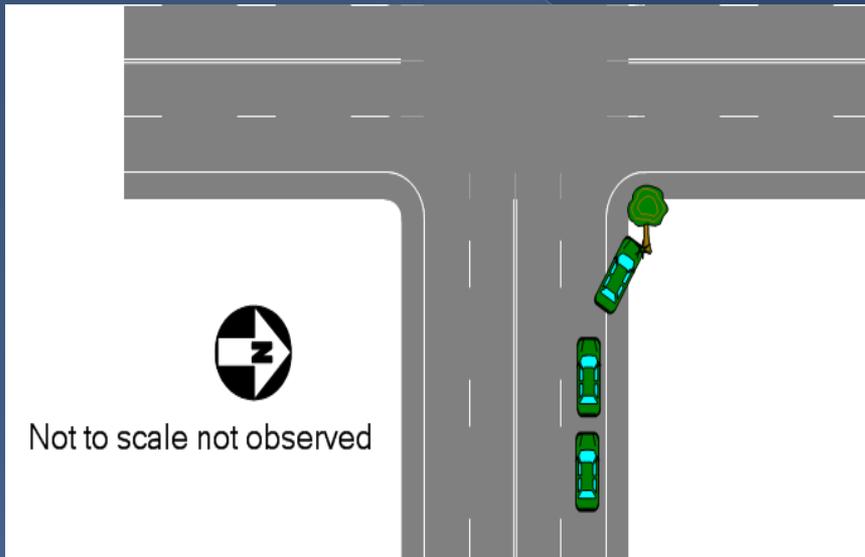


On 12-01-2011 at 0900 hrs, a collision occurred at the intersection of Market and Park St.

Simmons, Steve (Unit 01) was stopped in the intersection to make a left turn. Perkins, Tracy (Unit 02) was traveling in the second lane of Market St. facing north. Unit 01 turned left in front of Unit 02 causing Unit 02 to collide into the right side of Unit 01.

The driver of Unit 1 was issued a NOI for failing to yield right of way when turning left.

Conflicting diagram and narrative



Unit 01 was northbound at 25th St. and Puget Ave. The driver Jones, Jane stated she was crossing Puget Ave. when she received a text on her cell phone. Jones stated that she looked down to answer the text and when she glanced up, she saw she was going to strike a tree. Jones struck the tree on the vehicles front passenger side.

Smith's towing arrived and took possession of the vehicle that was not drivable and blocking the roadway.

⦿ This is another example of a diagram and narrative received by WSP Collision Records Section

- Are the roadways listed on the diagram?
- Which direction was the vehicle travelling?
- Unit 01 is not labeled in the diagram
- Where is the cross street (Puget Ave.)?

Intersection criteria

- Is the collision:
 - > Approximately 25 feet from the intersections stopping point
 - > Within a roundabout
 - > With a vehicle accessing a primary traffic way using a wye connector
 - > Within a turn lane before an intersection

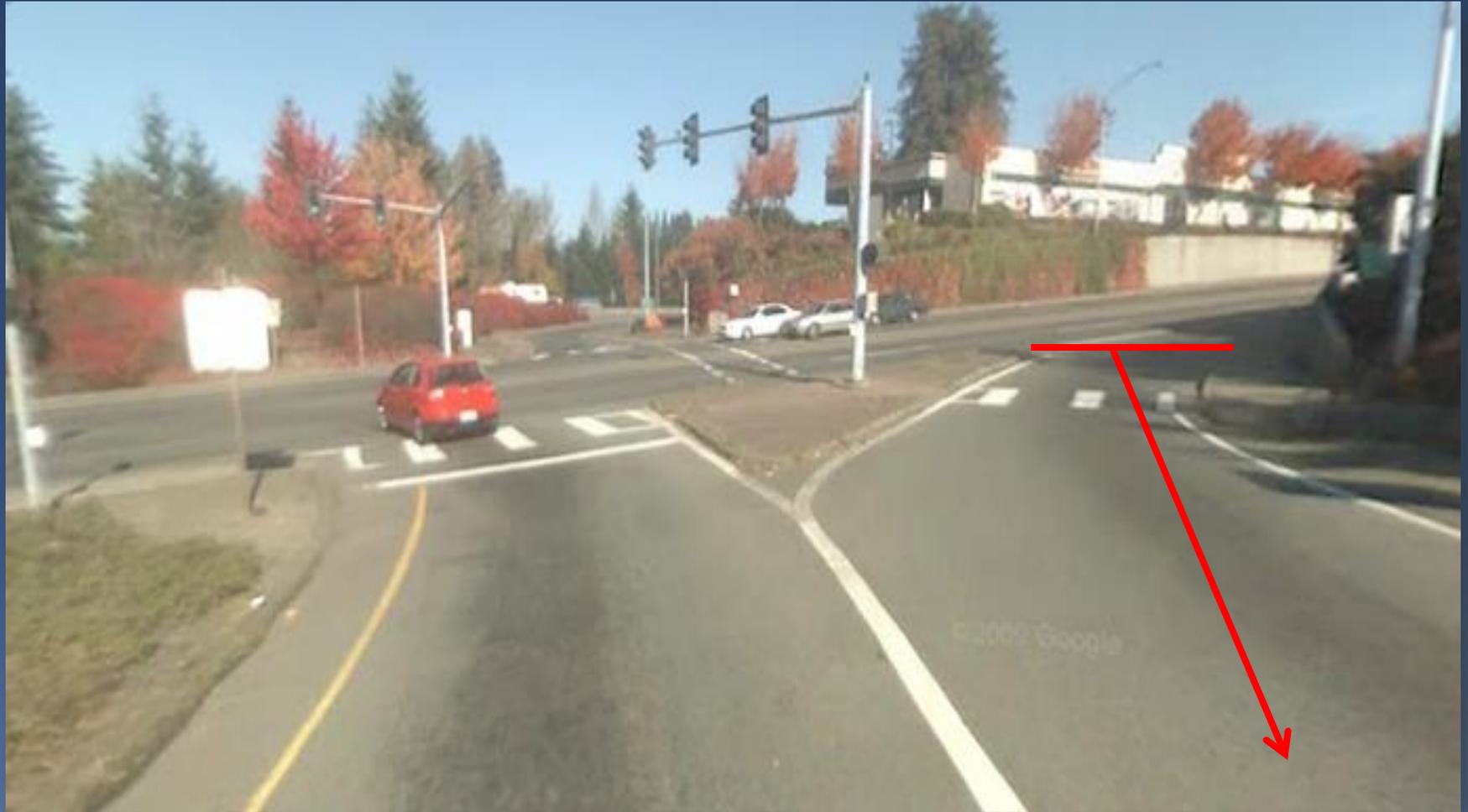
Twenty five feet from intersections stopping point



Within a roundabout



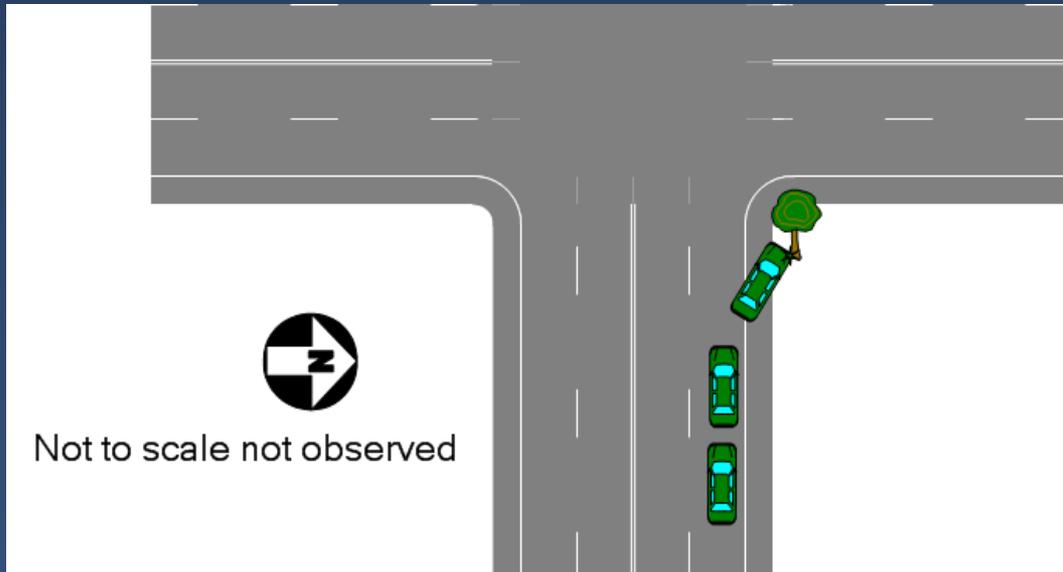
Accessing a primary roadway using a wye connector



Within a turn lane before an intersection



Conflicting diagram and narrative



Unit 1 was northbound at 25th St. and Puget Ave. The driver Smith, Lana stated she was crossing Puget Ave. when she received a text on her cell phone. Smith stated that she looked down to answer the text and when she glanced up, she saw she was going to strike a tree. Smith struck the tree on the vehicles front passenger side.

Pickard's towing arrived and took possession of the vehicle that was not drivable and blocking the roadway.

Paper submitted reports



Paper PTCR workflow



Common paper PTCR errors

- ◉ Nature of injuries
- ◉ Side coding
- ◉ Passenger/witness box
- ◉ PTCR page order

Side coding

Part "A"

Supplemental

STATE OF WASHINGTON
POLICE TRAFFIC COLLISION REPORT

REPORT NO. 3569476

CASE #

LOCAL AGENCY

DATE OF COLLISION

ON PRIMARY TRAFFIC WAY

UNIT 01 MOTOR VEHICLE

UNIT 02 MOTOR VEHICLE

DRIVER'S LICENSE #

ON DUTY

TRAILER PLATE #

REGISTERED OWNER INFO

INVESTIGATING

SAFETY OFFICER

Side coding boxes 27 - 28
Contributing Circumstances
for Unit 1 and 2

Side coding boxes 13 - 14
Type of Roadway
for Unit 1 and 2

Side coding boxes 35 - 40
Sobriety and DRE Assessment
for Unit 1 and 2

Side coding boxes 19 - 26
Pedestrian/Pedalcycle
for Unit 1 and 2

SUPPLEMENTAL POLICE TRAFFIC COLLISION REPORT

REPORT NO. 3569476

CASE #

COMMERCIAL MOTOR CARRIER

UNIT #

CARRIER NAME

CARRIER ADDRESS

CITY

NAME SOURCE

ADDITIONAL UNITS

UNIT # 3

UNIT # 4

DRIVER'S LICENSE #

ON DUTY

TRAILER PLATE #

REGISTERED OWNER INFO

INVESTIGATING

SAFETY OFFICER

Side coding boxes 27 - 28
Contributing Circumstances
for Unit 3 and 4

Side coding boxes 35 - 40
Sobriety and DRE Assessment
for Unit 3 and 4



Passenger/witness box



STATE OF WASHINGTON
POLICE TRAFFIC
COLLISION REPORT



1591972

CORRECTION

REPORT NO.

--	--	--	--	--	--	--	--

CASE #

--	--	--	--	--	--	--	--

ADDITIONAL PERSONS INVOLVED (PASSENGERS AND/OR WITNESSES ONLY)

NAME
(LAST, FIRST, MIDDLE INITIAL)

Wissersgen An A

ADDRESS & PHONE #

428 7th Ave., Tumwater, WA 98502

SEX **M**

D.O.B.
MMDDYYYY

01

01

1

9

8

0

PASSENGER

WITNESS

UNIT #

01

SEAT
POS.

3

AIRBAG

2

RESTR.

4

EJECT

1

HELMET
USE

INJURY
CLASS

5

NATURE OF INJURIES

Broken leg

NAME
(LAST, FIRST, MIDDLE INITIAL)

ADDRESS & PHONE #

PASSENGER

WITNESS

UNIT #

NAME
(LAST, FIRST, MIDDLE INITIAL)

ADDRESS & PHONE #

PASSENGER

WITNESS

UNIT #

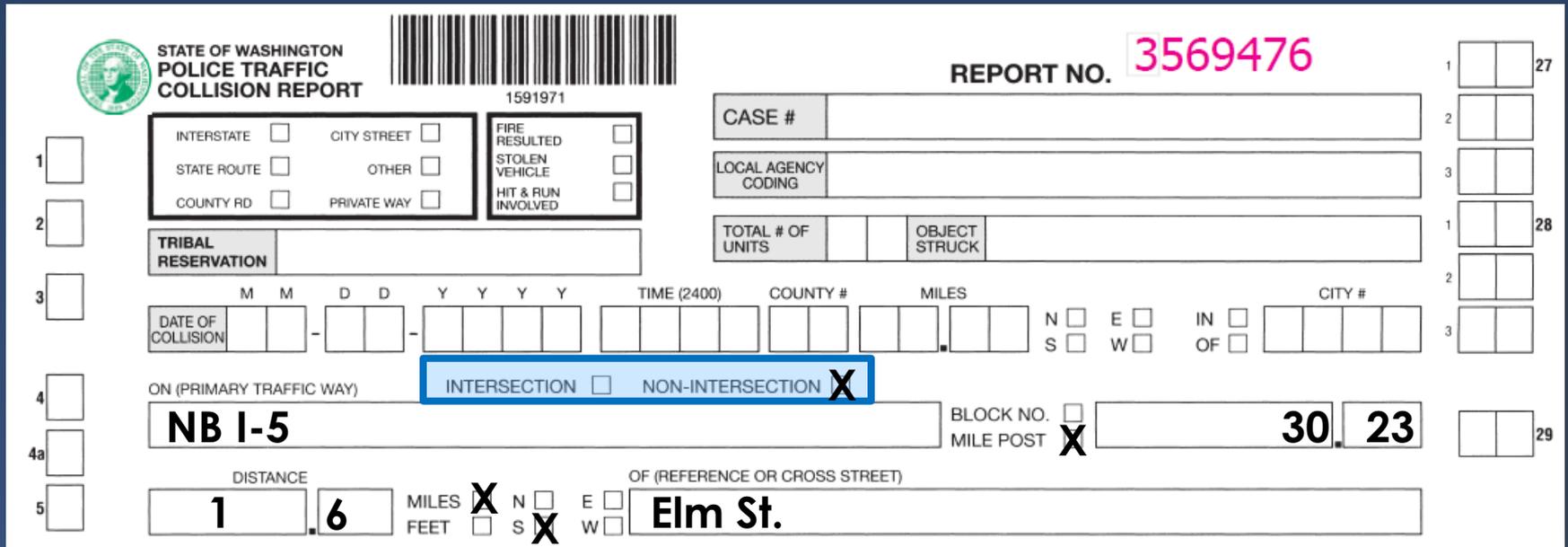
Restraint Systems

1. No restraint used
2. Lap belt used
3. Shoulder belt used
4. Lap & shoulder belt used
5. Child infant seat used
6. Child convertible seat used
7. Child built-in seat used
8. Child booster seat used
9. Unknown



SECTOR and Paper PTCR common errors

Location, part A and SECTOR

The image shows a 'STATE OF WASHINGTON POLICE TRAFFIC COLLISION REPORT' form. At the top left is the state seal. The title is 'STATE OF WASHINGTON POLICE TRAFFIC COLLISION REPORT'. A barcode is present with the number '1591971' below it. The 'REPORT NO.' is '3569476'. The form includes several sections: 'INTERSTATE', 'CITY STREET', 'STATE ROUTE', 'OTHER', 'COUNTY RD', and 'PRIVATE WAY' checkboxes; 'FIRE RESULTED', 'STOLEN VEHICLE', and 'HIT & RUN INVOLVED' checkboxes; 'TRIBAL RESERVATION' field; 'CASE #', 'LOCAL AGENCY CODING', 'TOTAL # OF UNITS', and 'OBJECT STRUCK' fields; 'DATE OF COLLISION' (MM-DD-YYYY) and 'TIME (2400)'; 'COUNTY #', 'MILES', and 'CITY #' fields; 'ON (PRIMARY TRAFFIC WAY)' with 'INTERSECTION' (checked) and 'NON-INTERSECTION' options; 'NB I-5' as the primary road; 'BLOCK NO.' (30) and 'MILE POST' (23); 'DISTANCE' (1.6) and 'MILES' (checked) options; and 'OF (REFERENCE OR CROSS STREET)' with 'Elm St.' as the secondary road. A blue box highlights the 'INTERSECTION' option.

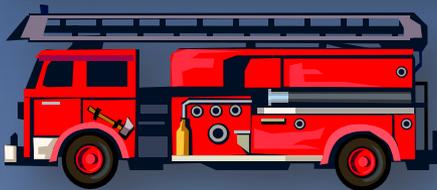
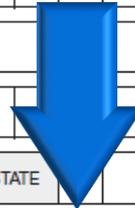
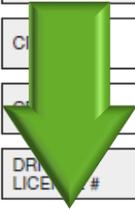
Intersection or non-intersection (if intersection is checked no distance and direction are required).

- Check the box for block number or Mile post
- Distance from secondary street and the compass direct to get to the secondary street (Required if Non Intersection checked).



On duty box

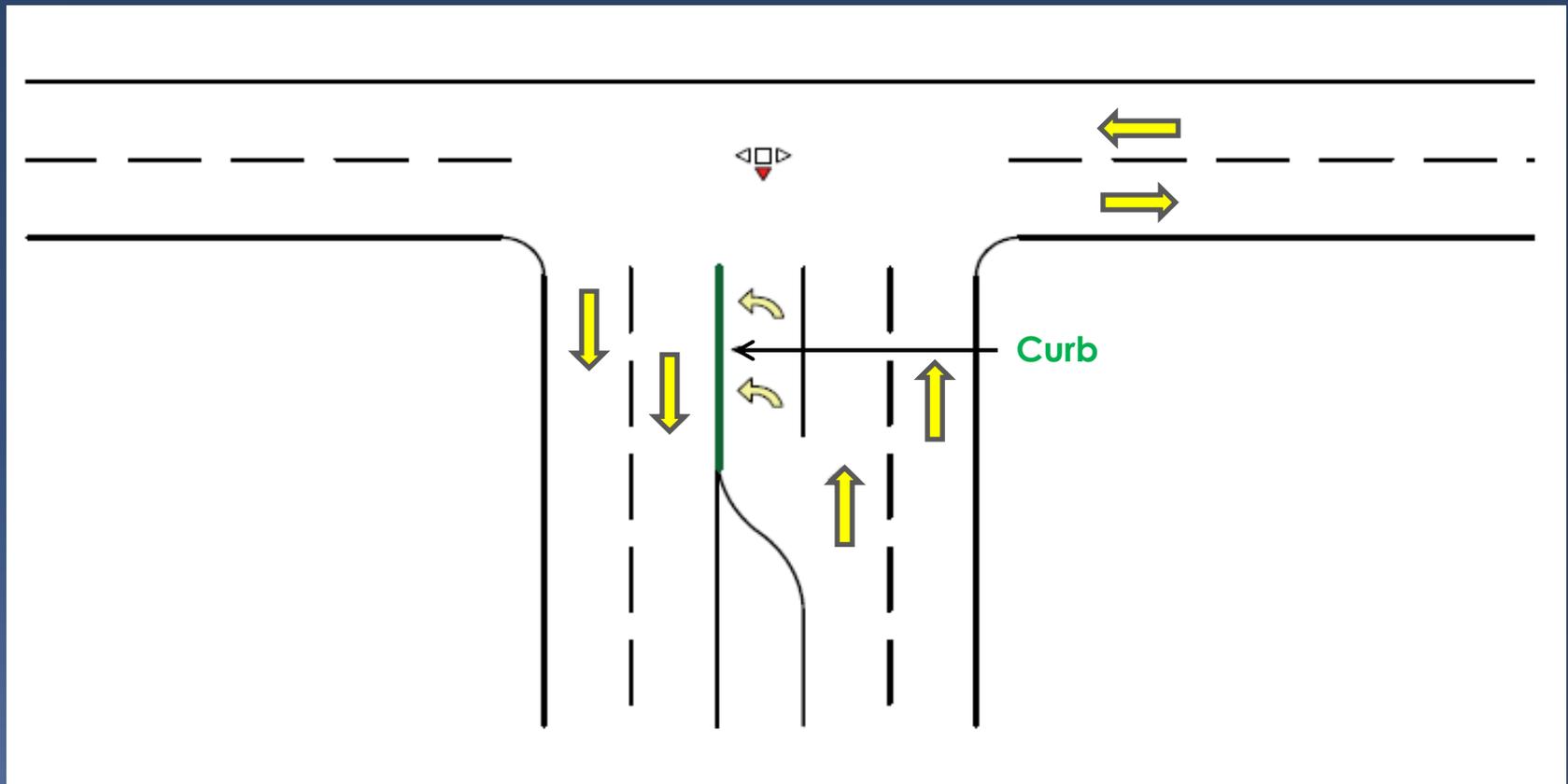
UNIT 01		MOTOR VEHICLE <input type="checkbox"/>	PEDAL-CYCLE <input type="checkbox"/>	DAMAGE THRESHOLD MET YES <input type="checkbox"/> NO <input type="checkbox"/>		PHONE			30
6	LAST NAME				FIRST NAME			MIDDLE INITIAL	
	STREET NEW ADDRESS <input type="checkbox"/>								
7	CITY				ST		ZIP		
8		ENDORSEMENTS			RESTRICTIONS				
9	DRIVER LICENSE #				STATE		SEX	D.O.B. MMDDYYYY	
10	ON DUTY <input checked="" type="checkbox"/>	STATUS	AIRBAG	RESTR.	EJECT	HELMET USE	INJURY CLASS	NATURE OF INJURIES	
11	LICENSE PLATE #				STATE		VIN#		
12	TRAILER PLATE #				STATE		TRAILER PLATE #	STATE	
13	VEH. YEAR	MAKE	MODEL	STYLE	VEHICLE TOWED YES <input type="checkbox"/> NO <input type="checkbox"/>	TOWED BY		GOVT. VEHICLE YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	FROM TO
14	REGISTERED OWNER INFO.							VEHICLE NO. 1 SHADE IN DAMAGED AREA	
15	LIABILITY INSURANCE IN EFFECT <input type="checkbox"/>	INSURANCE CO & POLICY #			VEHICLE VENTILATORS YES <input type="checkbox"/> NO <input type="checkbox"/>		CITATION #	CHARGE	FROM TO



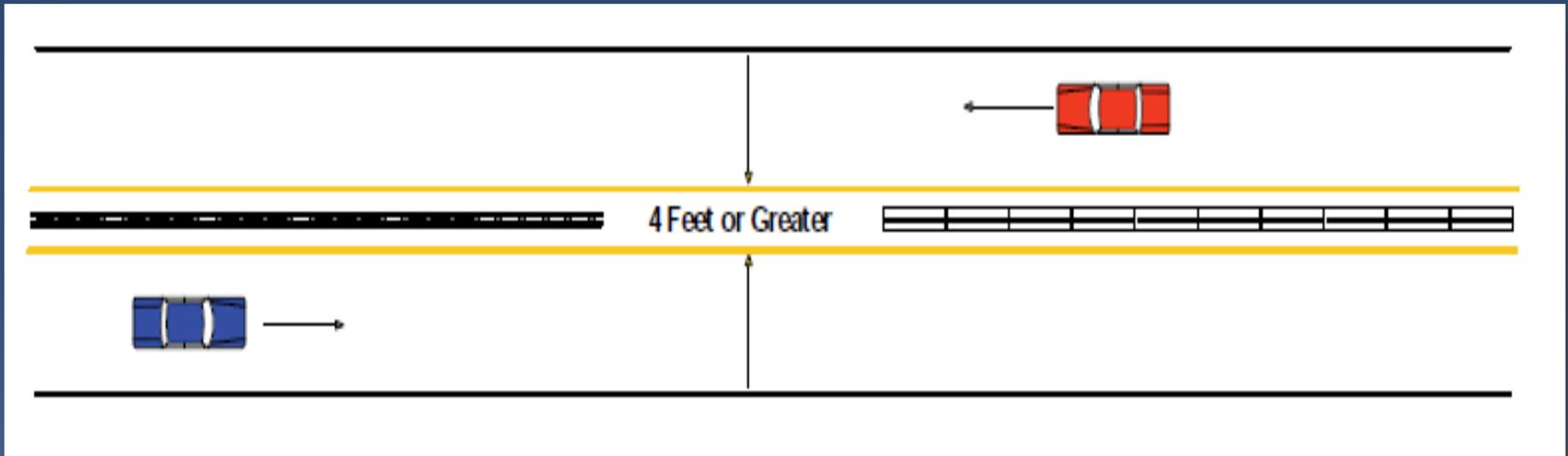
Roadway types

1. One way
2. Two way-undivided
3. Two way-divided, with barrier
4. Two way-divided, no barrier
5. Reversible road
6. Interchange ramp
7. Alley
8. Center-way left turn lane
9. Driveway

Two way-undivided



Two-way divided highways (with barrier)



Two-way divided highways (without barrier)



Incomplete or missing information

- \$700. damage threshold met?
- Insurance box not checked or missing insurance company or policy number
- Incomplete make, year, VIN (vehicle Identification number) or license number
- Incomplete drivers license number or name
- Fire, Stolen, hit and run vehicle box
- Collision with object – additional Unit
- Late or missing reports

DAMAGE THRESHOLD MET	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

LIABILITY INSURANCE IN EFFECT <input checked="" type="checkbox"/>	INSURANCE CO & POLICY #
---	-------------------------



UNIT 02	MOTOR VEHICLE <input type="checkbox"/>	PEDAL-CYCLE <input type="checkbox"/>	PEDESTRIAN <input type="checkbox"/>	PROPERTY OWNER <input checked="" type="checkbox"/>	DAMAGE THRESHOLD MET YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	PHONE 206-684-8213
LAST NAME	City of Seattle			FIRST NAME		MIDDLE INITIAL
STREET NEW ADDRESS <input type="checkbox"/>	PO Box 94728					
CITY	Seattle			ST	WA	ZIP 98104
CDL		ENDORSEMENTS		RESTRICTIONS		
DRIVER'S LICENSE #		STATE		SEX	D.O.B. MMDDYYYY	

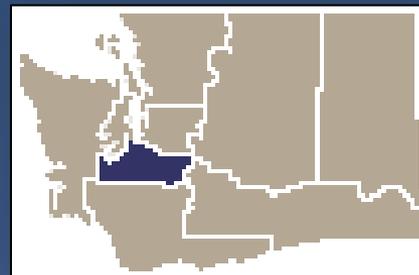


Attachments

- The following are shredded when attached to a paper PTCR:
 - > Copy of the traffic citation
 - > Photographs
 - > Witness statements
 - > Case file
- All SECTOR attachments are electronically removed at WSDOT
 - > Cut and paste narrative and/or diagram into SECTOR

District 1

Pierce and Thurston Counties



Branden Garrett

(360) 570-2427

branden.garrett@wsp.wa.gov

District 2

- King County

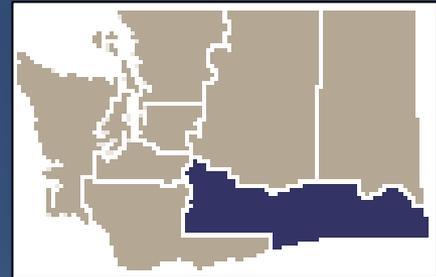
- > Sharon Pickard
- > (360) 570-2512
sharon.pickard@wsp.wa.gov



District 3

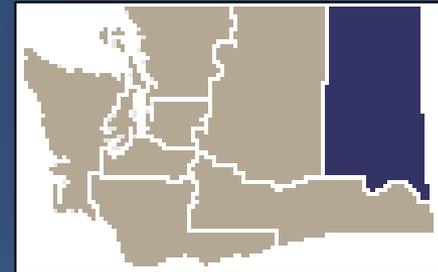
- Asotin, Benton, Columbia, Franklin, Garfield, Walla Walla and Yakima Counties

- > Tracy Perkins
- > (360) 570-2474
tracy.perkins@wsp.
wa.gov



District 4

- ◉ Adams, Ferry, Lincoln, Pend Oreille, Spokane, Stevens and Whitman Counties



- > Lana Smith
- > (360) 570-2487
lana.smith@wsp.wa.
gov

District 5

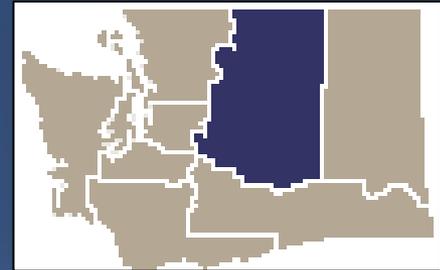
- ◉ Clark, Cowlitz, Lewis, Klickitat and Skamania Counties



- > Sharon Pickard
- > (360) 570-2512
sharon.pickard@wsp.wa.gov

District 6

- ◉ Chelan, Douglas, Grant, Kittitas and Okanogan Counties



- > Kelly Prigge
- > (360) 570-2505
kelly.prigge@wsp.wa.gov

District 7

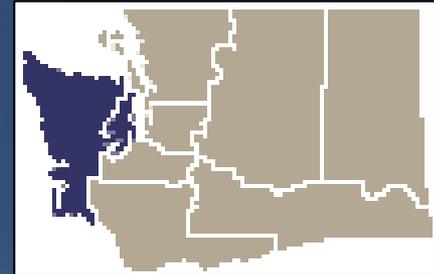
- Island, San Juan, Skagit, Snohomish and Whatcom Counties
- > Lana Smith
- > (360) 570-2487
Lana.smith@wsp.wa.gov



District 8

- Clallam, Grays Harbor, Jefferson, Kitsap, Mason, Pacific and Wahkiakum Counties

- > Benu Kushan
- > (360) 570-2460
benu.kushan@wsp.
wa.gov



WSP, SECTOR Support

SECTOR@wsp.wa.gov

360-705-5999

Department of Transportation

Nadine Jobe

WSDOT Crash Data and Reporting Branch

360-570-2398

Questions and/or Recommendations

Please feel free to contact anyone on the last 11 slides .

Thank you for your time

