

STATE OF WASHINGTON - DEPARTMENT OF TRANSPORTATION
 TRIPS SYSTEM
 SHORT DURATION CLASSIFICATION 4-WAY

DATE: 9/10/2019
 TIME: 14:03:01
 PAGE: 1

SR 502 MP 005.60 OFF SYS ID COUNTER NUM 7506 COUNT ID HPMS
 DATE 6/13/2019 DAY OF WEEK 5 TIME PERIOD HOUR 06:00 - 10:00
 LOCATION SR 502 E/O SW 20TH AVE/NW 20TH AVE 04

ENTIRE COUNT VOLUMES

MOVEMENT	CARS AND PICKUPS	---SINGLE UNITS---				-DOUBLE UNITS-			-TRIPLE UNITS-			TOTAL TRUCK	PERCENT TRUCK	PERCENT TURNS	TOTAL
		BUS	MED	HVY	4+	4-	5	6+	5-	6	7+				
NORTH APPROACH THIS LEG NORTH NORTH TO SOUTH NORTH TO EAST NORTH TO WEST															
SOUTH APPROACH SOUTH TO NORTH THIS LEG SOUTH SOUTH TO EAST SOUTH TO WEST															
EAST APPROACH EAST TO NORTH EAST TO SOUTH THIS LEG EAST EAST TO WEST	2467	22	65	19		24	10	42		18	200	7.50			2667
WEST APPROACH WEST TO NORTH WEST TO SOUTH WEST TO EAST THIS LEG WEST	1904	21	56	18	3	12	11	45		28	194	9.25			2098
															4765
														PCT SPLIT OUT/IN	
NORTH TOTAL PERCENTAGE															
SOUTH TOTAL PERCENTAGE															
EAST TOTAL PERCENTAGE	4371 91.73	43 0.90	121 2.54	37 0.78	3 0.06	36 0.76	21 0.44	87 1.83		46 0.97	394 8.27			56/44	4765
WEST TOTAL PERCENTAGE	4371 91.73	43 0.90	121 2.54	37 0.78	3 0.06	36 0.76	21 0.44	87 1.83		46 0.97	394 8.27			44/56	4765
TRUCK PERCENTAGE:															9530

LEGS	S/U	%	D/U	%	TRAIN	%	TRUCK	%	AXLE FACTOR
NORTH TOTAL									
SOUTH TOTAL									
EAST TOTAL	204	4.28	144	3.02	46	0.97	394	8.27	0.9265
WEST TOTAL	204	4.28	144	3.02	46	0.97	394	8.27	0.9265

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 SHORT DURATION CLASSIFICATION 4-WAY

DATE: 9/10/2019
 TIME: 14:03:01
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SR 502 MP 005.60 OFF SYS ID COUNTER NUM 7506 COUNT ID HPMS
 DATE 6/13/2019 DAY OF WEEK 5 TIME PERIOD HOUR 08:45 - 09:45
 LOCATION SR 502 E/O SW 20TH AVE/NW 20TH AVE 04

INTERSECTIONAL PEAK HOUR AND VOLUMES

MOVEMENT	CARS AND PICKUPS	---SINGLE UNITS---				-DOUBLE UNITS-			-TRIPLE UNITS-			TOTAL TRUCK	PERCENT TRUCK	PERCENT TURNS	TOTAL	
		BUS	MED	HVY	4+	4-	5	6+	5-	6	7+					
NORTH APPROACH THIS LEG NORTH NORTH TO SOUTH NORTH TO EAST NORTH TO WEST																
SOUTH APPROACH SOUTH TO NORTH THIS LEG SOUTH SOUTH TO EAST SOUTH TO WEST																
EAST APPROACH EAST TO NORTH EAST TO SOUTH THIS LEG EAST EAST TO WEST	726	4	17	2	3	2	18		10		56	7.16				782
WEST APPROACH WEST TO NORTH WEST TO SOUTH WEST TO EAST THIS LEG WEST	599	3	16	3	4	3	11		11		51	7.85				650
																1432
																PCT SPLIT OUT/IN
NORTH TOTAL PERCENTAGE																
SOUTH TOTAL PERCENTAGE																
EAST TOTAL PERCENTAGE	1325 92.53	7 0.49	33 2.30	5 0.35	7 0.49	5 0.35	29 2.03		21 1.47		107 7.47					55/45 1432
WEST TOTAL PERCENTAGE	1325 92.53	7 0.49	33 2.30	5 0.35	7 0.49	5 0.35	29 2.03		21 1.47		107 7.47					45/55 1432
TRUCK PERCENTAGE:																2864

LEGS	S/U	%	D/U	%	TRAIN	%	TRUCK	%	AXLE FACTOR
NORTH TOTAL									
SOUTH TOTAL									
EAST TOTAL	45	3.14	41	2.86	21	1.47	107	7.47	0.9182
WEST TOTAL	45	3.14	41	2.86	21	1.47	107	7.47	0.9182

PEAK HOUR FACTOR 0.932 384 363 335 350 1432



Vehicle Volume Summary
(Block Diagram)

Date: 6/13/2019
Time Period: 08:45 - 09:45

SR: 502

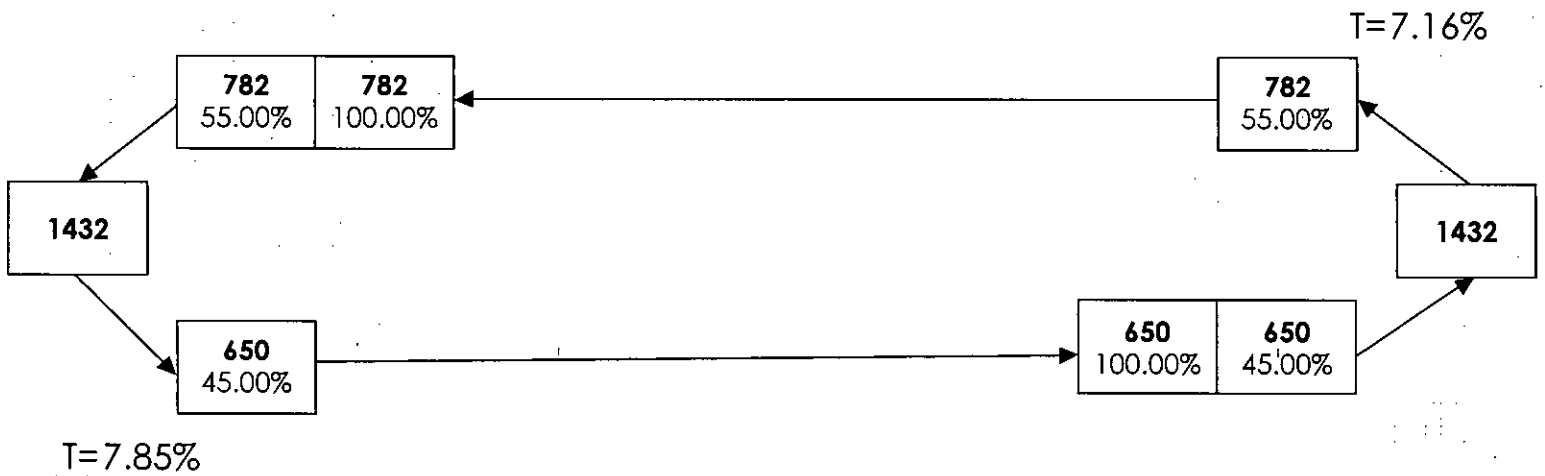
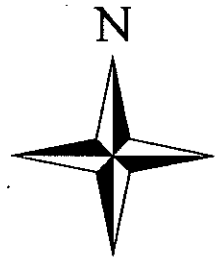
MP: 005.60

Off Sys. ID:

Count ID: HPMS

Location: SR 502 E/O SW 20TH AVE/NW 20TH AVE

INTERSECTIONAL PEAK HOUR AND VOLUMES



Quarter Hour 1 = 384
Quarter Hour 2 = 363
Quarter Hour 3 = 335
Quarter Hour 4 = 350

TOTAL HOUR = 1432

PEAK HOUR FACTOR = 0.932



Vehicle Volume Summary
(Block Diagram)

Date: 6/13/2019
Time Period: 06:00 - 10:00

SR: 502

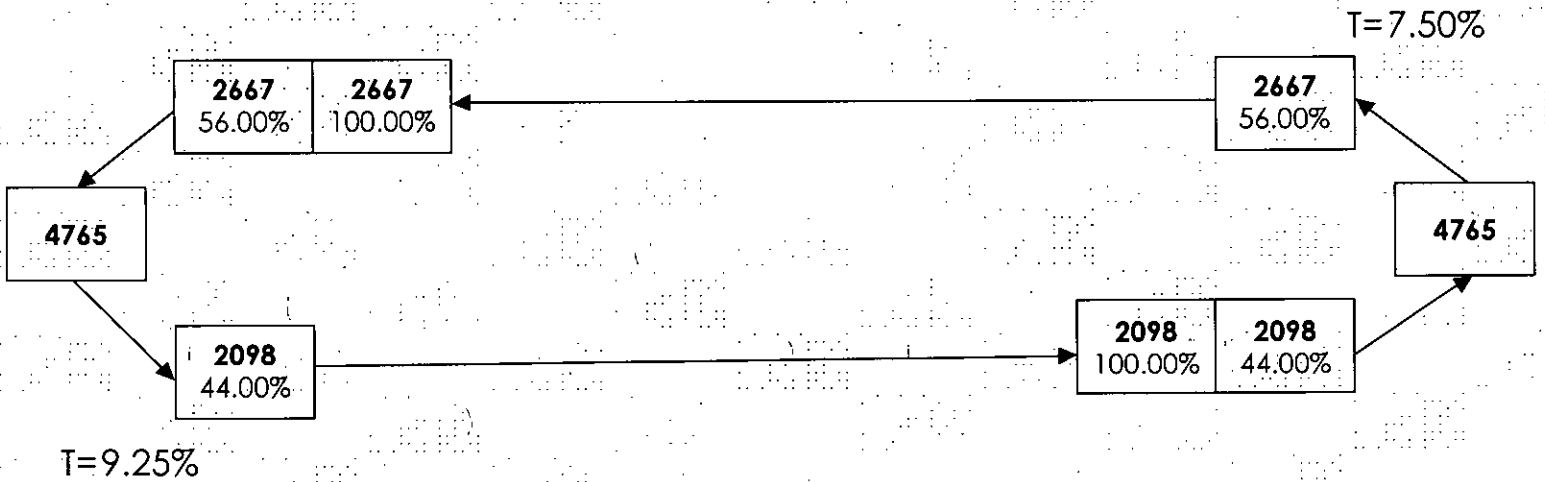
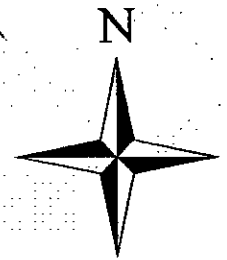
MP: 005.60

Off Sys. ID:

Count ID: HPMS

Location: SR 502 E/O SW 20TH AVE/NW 20TH AVE

ENTIRE COUNT VOLUMES





Washington State
Department of Transportation

CB 2364

ID 7504 EB

CB 2370 ID 20806E

7505 BW

7506 BW

Traffic Station Sketch

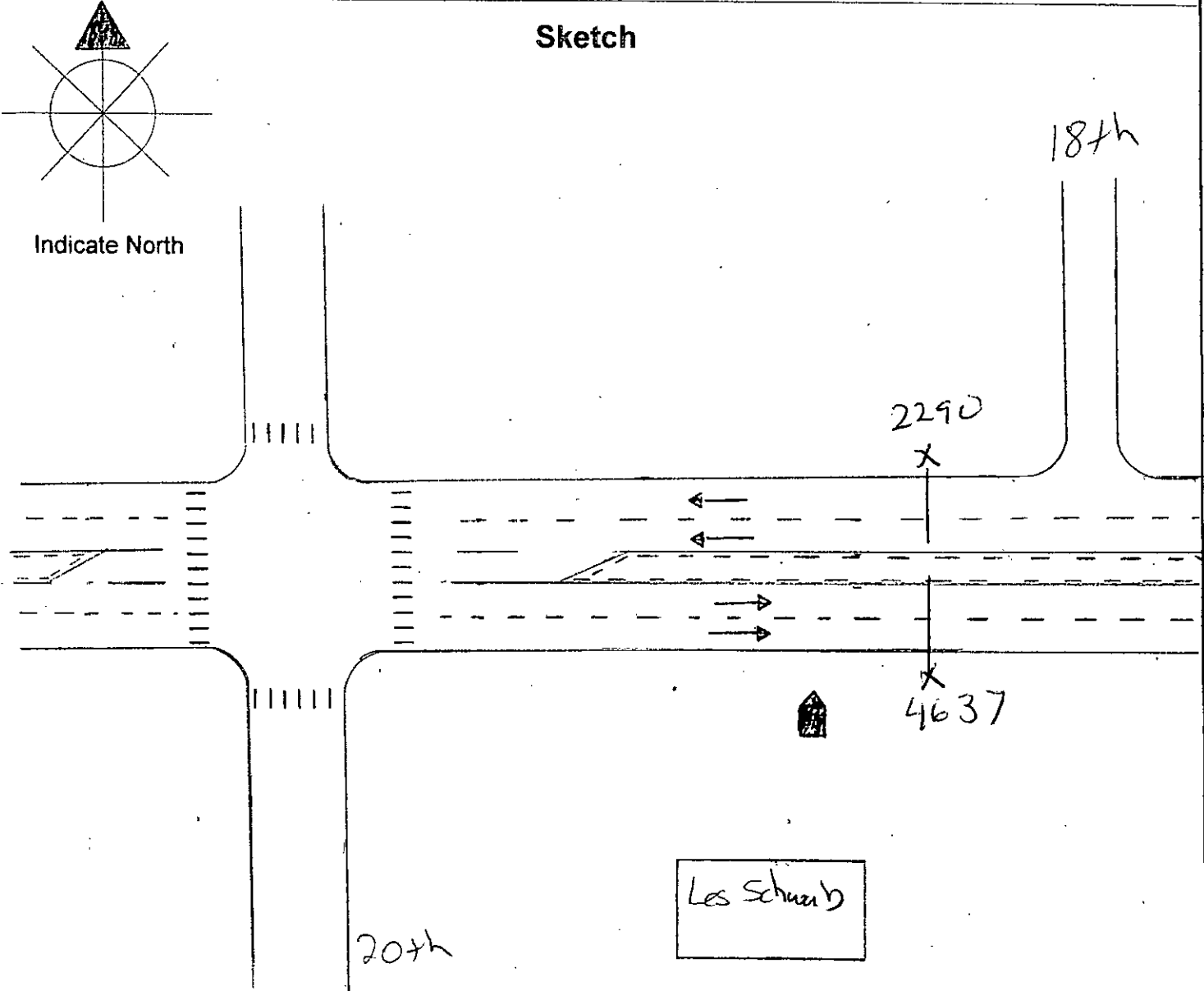
SR # SR 502	MP 5 ● 60	OSID	Count ID HPMS	Date 6/11/19 6/12 6/13
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Station Location

SR 502 E/O SW 20th ave

SR 502 E/O SW 20TH AVE / NW 20TH AVE

Sketch



Remarks:

G:1HPMS127.TXT	14-1800	7504	6/11/2019
G:1HPMS128.TXT	10-1400	7505	6/12/2019
G:1HPMS129.TXT	06-7000	7506	6/13/2019

J Myrtle J Vetter

Signature

STATE OF WASHINGTON - DEPARTMENT OF TRANSPORTATION
 TRIPS SYSTEM
 SHORT DURATION CLASSIFICATION 4-WAY

DATE: 9/10/2019
 TIME: 14:05:22
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SR 502 MP 005.60 OFF SYS ID COUNTER NUM 7504 COUNT ID HPMS
 DATE 6/11/2019 DAY OF WEEK 3 TIME PERIOD HOUR 14:00 - 18:00
 LOCATION SR 502 E/O SW 20TH AVE/NW 20TH AVE 04

ENTIRE COUNT VOLUMES

MOVEMENT	CARS AND PICKUPS	---SINGLE UNITS---				-DOUBLE UNITS-			-TRIPLE UNITS-			TOTAL TRUCK	PERCENT TRUCK	PERCENT TURNS	TOTAL	
		BUS	MED	HVY	4+	4-	5	6+	5-	6	7+					
NORTH APPROACH THIS LEG NORTH NORTH TO SOUTH NORTH TO EAST NORTH TO WEST																
SOUTH APPROACH SOUTH TO NORTH THIS LEG SOUTH SOUTH TO EAST SOUTH TO WEST																
EAST APPROACH EAST TO NORTH EAST TO SOUTH THIS LEG EAST EAST TO WEST												131	3.95			3315
	3184	15	64	6	1	8	3	20			14	131		100.00		3315
WEST APPROACH WEST TO NORTH WEST TO SOUTH WEST TO EAST THIS LEG WEST												158	4.01			3940
	3782	19	66	18		17	11	16			11	158		100.00		3940
																7255
NORTH TOTAL PERCENTAGE																
SOUTH TOTAL PERCENTAGE																
EAST TOTAL PERCENTAGE	6966	34	130	24	1	25	14	36			25	289		46/54		7255
	96.02	0.47	1.79	0.33	0.01	0.34	0.19	0.50			0.34	3.98				
WEST TOTAL PERCENTAGE	6966	34	130	24	1	25	14	36			25	289		54/46		7255
	96.02	0.47	1.79	0.33	0.01	0.34	0.19	0.50			0.34	3.98				
TRUCK PERCENTAGE:																14510

LEGS	S/U	%	D/U	%	TRAIN	%	TRUCK	%	AXLE FACTOR
NORTH TOTAL									
SOUTH TOTAL									
EAST TOTAL	189	2.61	75	1.03	25	0.34	289	3.98	0.9740
WEST TOTAL	189	2.61	75	1.03	25	0.34	289	3.98	0.9740

STATE OF WASHINGTON - DEPARTMENT OF TRANSPORTATION
 TRIPS SYSTEM
 SHORT DURATION CLASSIFICATION 4-WAY

DATE: 9/10/2019
 TIME: 14:05:22
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SR 502 MP 005.60 OFF SYS ID COUNTER NUM 7504 COUNT ID HPMS
 DATE 6/11/2019 DAY OF WEEK 3 TIME PERIOD HOUR 14:00 - 15:00
 LOCATION SR 502 E/O SW 20TH AVE/NW 20TH AVE 04

HOURLY VOLUMES

MOVEMENT	CARS AND PICKUPS	---SINGLE UNITS---				-DOUBLE UNITS-			-TRIPLE UNITS-			TOTAL TRUCK	PERCENT TRUCK	PERCENT TURNS	TOTAL
		BUS	MED	HVY	4+	4-	5	6+	5-	6	7+				
NORTH APPROACH THIS LEG NORTH NORTH TO SOUTH NORTH TO EAST NORTH TO WEST															
SOUTH APPROACH SOUTH TO NORTH THIS LEG SOUTH SOUTH TO EAST SOUTH TO WEST															
EAST APPROACH EAST TO NORTH EAST TO SOUTH THIS LEG EAST EAST TO WEST	797	2	18	4	1	3	1	11	2		42	5.01			839
WEST APPROACH WEST TO NORTH WEST TO SOUTH WEST TO EAST THIS LEG WEST	786	3	12	4		6	4	5	9		43	5.19			829
															1668
														PCT SPLIT OUT/IN	
NORTH TOTAL PERCENTAGE															
SOUTH TOTAL PERCENTAGE															
EAST TOTAL PERCENTAGE	1583 94.90	5 0.30	30 1.80	8 0.48	1 0.06	9 0.54	5 0.30	16 0.96	11 0.66		85 5.10			50/50	1668
WEST TOTAL PERCENTAGE	1583 94.90	5 0.30	30 1.80	8 0.48	1 0.06	9 0.54	5 0.30	16 0.96	11 0.66		85 5.10			50/50	1668
															3336

STATE OF WASHINGTON - DEPARTMENT OF TRANSPORTATION
 TRIPS SYSTEM
 SHORT DURATION CLASSIFICATION 4-WAY

DATE: 9/10/2019
 TIME: 14:05:23
 PAGE: 8

SR 502 MP 005.60 OFF SYS ID COUNTER NUM 7504 COUNT ID HPMS
 DATE 6/11/2019 DAY OF WEEK 3 TIME PERIOD HOUR 16:45 - 17:45
 LOCATION SR 502 E/O SW 20TH AVE/NW 20TH AVE 04

INTERSECTIONAL PEAK HOUR AND VOLUMES

MOVEMENT	CARS AND PICKUPS	---SINGLE UNITS---				-DOUBLE UNITS-			-TRIPLE UNITS-			TOTAL TRUCK	PERCENT TRUCK	PERCENT TURNS	TOTAL	
		BUS	MED	HVY	4+	4-	5	6+	5-	6	7+					
NORTH APPROACH THIS LEG NORTH NORTH TO SOUTH NORTH TO EAST NORTH TO WEST																
SOUTH APPROACH SOUTH TO NORTH THIS LEG SOUTH SOUTH TO EAST SOUTH TO WEST																
EAST APPROACH EAST TO NORTH EAST TO SOUTH THIS LEG EAST EAST TO WEST											24	2.65			906	
	882	5	14		3	2					24		100.00		906	
WEST APPROACH WEST TO NORTH WEST TO SOUTH WEST TO EAST THIS LEG WEST											27	2.46			1099	
	1072	4	15	4		2	2				27		100.00		1099	
																2005
																PCT SPLIT OUT/IN
NORTH TOTAL PERCENTAGE																
SOUTH TOTAL PERCENTAGE																
EAST TOTAL PERCENTAGE	1954 97.46	9 0.45	29 1.45	4 0.20	3 0.15	4 0.20	2 0.10				51 2.54			45/55	2005	
WEST TOTAL PERCENTAGE	1954 97.46	9 0.45	29 1.45	4 0.20	3 0.15	4 0.20	2 0.10				51 2.54			55/45	2005	
TRUCK PERCENTAGE:																4010

LEGS	S/U	%	D/U	%	TRAIN	%	TRUCK	%	AXLE FACTOR
NORTH TOTAL									
SOUTH TOTAL									
EAST TOTAL	42	2.09	9	0.45			51	2.54	0.9925
WEST TOTAL	42	2.09	9	0.45			51	2.54	0.9925

PEAK HOUR FACTOR 0.905 467 506 554 478 2005



Vehicle Volume Summary
(Block Diagram)

Date: 6/11/2019
Time Period: 16:45 - 17:45

SR: 502

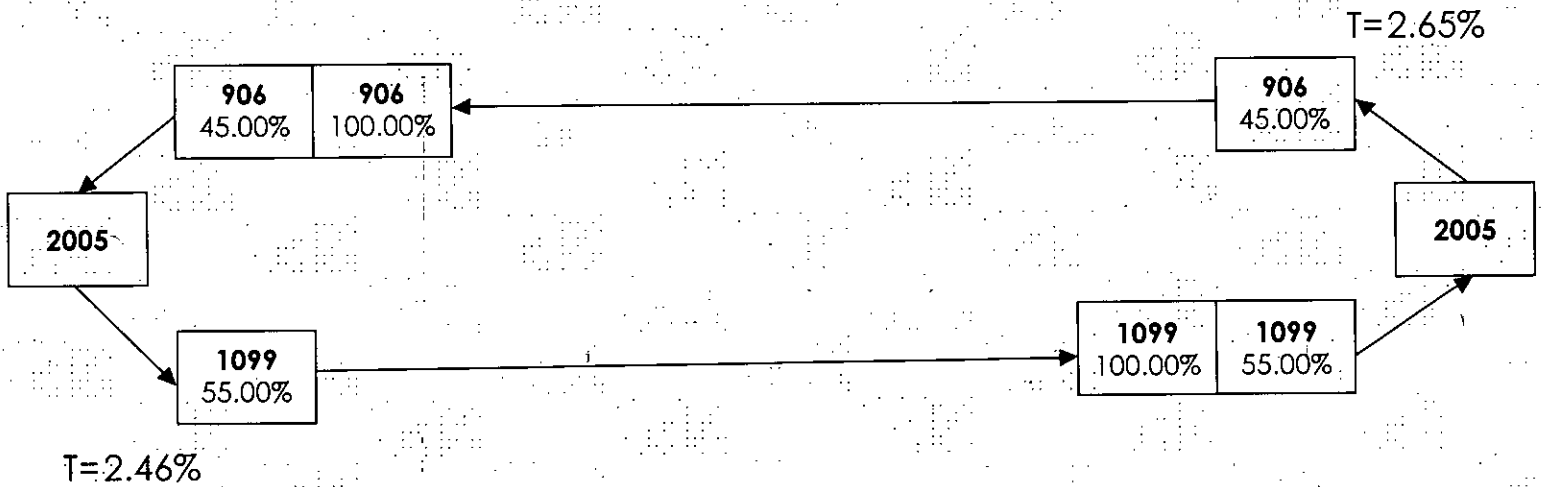
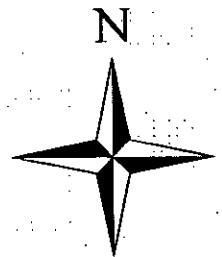
MP: 005.60

Off Sys. ID:

Count ID: HPMS

Location: SR 502 E/O SW 20TH AVE/NW 20TH AVE

INTERSECTIONAL PEAK HOUR AND VOLUMES



Quarter Hour 1 = 467

Quarter Hour 2 = 506

Quarter Hour 3 = 554

Quarter Hour 4 = 478

TOTAL HOUR = 2005

PEAK HOUR FACTOR = 0.905



Vehicle Volume Summary
(Block Diagram)

Date: 6/11/2019

Time Period: 14:00 - 18:00

SR: 502

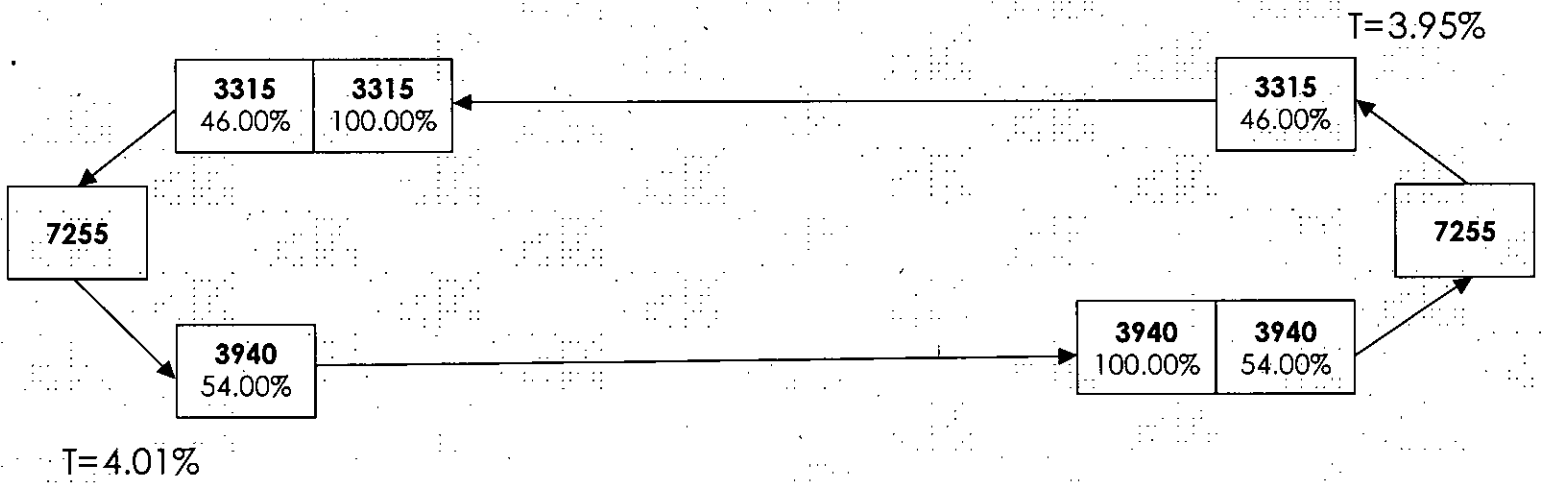
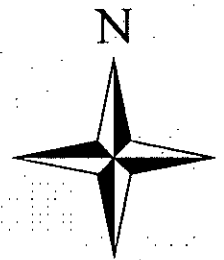
MP: 005.60

Off Sys. ID:

Count ID: HPMS

Location: SR 502 E/O SW 20TH AVE/NW 20TH AVE

ENTIRE COUNT VOLUMES





Washington State
Department of Transportation

CB 2364

ID

7504 EB

CB 2370 ID 2080WB

7505 BW

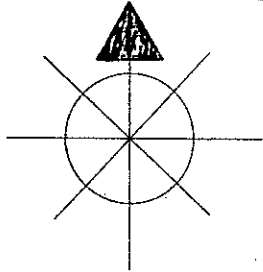
7506 BW

Traffic Station Sketch

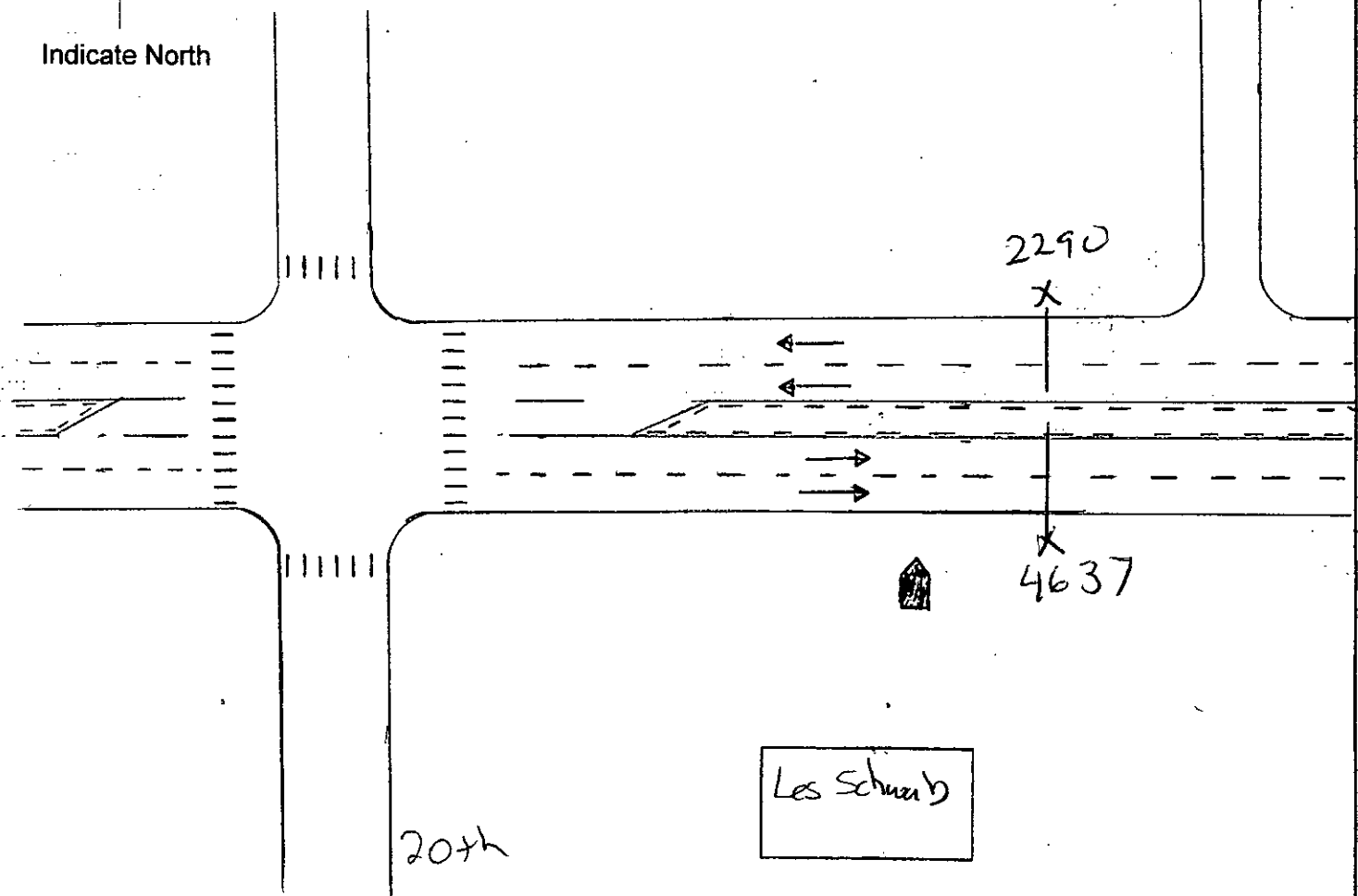
SR # SR 502	MP 5 ● 60	OSID	Count ID HPMS	Date 6/11/19 6/12 6/13
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Station Location
SR 502 E/O SW 20th ave **SR 502 E/O SW 20TH AVE/NW 20TH AVE**

Sketch



Indicate North



Remarks:

G: HPMS 127. TXT	14-1800	7504	6/11/2019
G: HPMS 128. TXT	16-1400	7505	6/12/2019
G: HPMS 129. TXT	06-7000	7506	6/13/2019

J. Myrtle J. Vetter

Signature