

Request for Quotes (RFQ) 2021 Regional Traffic Count Program

The Yakima Valley Conference of Governments (YVCOG) is requesting qualified firms or individuals to capture 3-Day (i.e. Tuesday, Wednesday, and Thursday), 5-Day (Monday thru Friday) and/or 7-Day bi-directional counts and selected turn counts at approximately 308 sites in Yakima County. The counts would collect the following data: vehicle volume, vehicle classification, and vehicle speed by 15-minute intervals with a grand total for each site. The work conducted in the urbanized area would begin no later than April 1, 2021 and end in mid-October 2021. Counts are to be taken when school is in session, if and/or as requested by the member jurisdiction.

The following is an outline of the consultant selection schedule:

December 23, 2020	RFP released
January 15, 2021	Proposals due to YVCOG by 4:00 p.m.
Late January – Early February, 2021	Scoring committee scores proposals and conducts as needed phone interviews
February 11, 2021	YVCOG presents recommendations to the Technical Advisory Committee (TAC)
February 17, 2021	YVCOG Board executes contract
* No later than April 1, 2021	Work to begin

**Weather permitting*

Each submission must include:

1. Outline and describe the work required to complete the proposed scope of work, including work products to be prepared under each task.
2. Availability of personnel and equipment needed to complete the project.
3. Description of potential “innovation” opportunities to maximize data collection and “post”-count analysis options that candidate may seek to incorporate into their proposal.
4. Description of relevant experience and qualifications for the personnel assigned to the project.
5. Provide estimates for the employee-hours needed to complete the project.
6. A project schedule for duration of work.
7. A schedule of deliverables, interim products and progress reports.

Selection criteria used will include the following:

- Experience and qualifications of the submitting firm to accomplish the scope of work. Experience and availability of key personnel doing the work.
- Availability and number of automated traffic counters (ATRs).
- Ability to work within deadlines and to develop agreeable dates for deliverables.
- Additional award consideration will be made for any contractor who can provide the data through an online mapping platform of their choosing. This method should include the ability to locate a count site spatially, select said site, and then download the data relative to that site in one of the acceptable tabular formats

The qualifications review and selection process may require a phone interview with the firms selected in the short list.

Contract negotiations will be initiated immediately upon selection of the consultant. If YVCOG is not able to negotiate a satisfactory contract, including scope of services, billing rates, negotiations will be terminated, and the consultant notified by mail.

This RFP and/or the consultant selection process does not obligate YVCOG to enter into any contracts. The YVCOG reserves the following rights:

- The right to negotiate all elements.
- The right to reject any and all proposals, waive irregularities and re-solicit proposals.
- The right to change the scope depending on funding availability.

The contract will be negotiated as “Lump Sum” with monthly progress payments. The consultant may submit billings to the YVCOG for reimbursement of costs on a monthly basis. To provide a means of verifying the billing the consultant will provide the YVCOG with a detailed invoice listing staff member, title/position, salary, time, and description of work conducted on the project.

Portions of this procurement are partially funded by the Federal Highways Administration (FHWA) and the Federal Transit Administration (FTA). Proposers will be required to comply with all applicable FTA, State, and Local rules and regulations for specific task orders.

Be advised: this project is federally funded and will be held to Federal EEO requirements. Also, consultants will be held to ADA and Civil Rights language for the employing agency.

YVCOG, in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, subtitle A, Office of the Secretary, Part 21, nondiscrimination in federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises as defined at 49 CFR Part 26 will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, national origin or sex in consideration for an award.

Submittals must be received by 12:00 p.m. Friday, January 15, 2021.

Three (3) copies of the proposal must be submitted to the YVCOG by or before the stated time and date at 311 N. 4th Street, Suite 204, Yakima, WA 98901 or electronically to alan.adolf@yvcog.org.

Questions regarding the outlined scope of work should be directed to:

Alan Adolf at alan.adolf@yvcog.org or (509) 759-7981.

Questions regarding data, shape files, or gis compatibility should be directed to:

John Rohrbaugh at john.rohrbaugh@yvcoc.org or (509) 574-1550.

OBJECTIVE:

The objective of the regional traffic count program conducted by YVCOG in coordination with member jurisdictions is to support transportation decision making in the Yakima County region. The program would involve the systematic collection of traffic data through the utilization of automatic traffic recorders located on federal aid eligible roadways throughout the Yakima County region. The traffic data collected through this program will help monitor changing traffic conditions on a regular basis and assist with identifying future transportation investments.

SCOPE OF WORK:

- Capability of 3-day (i.e., Tuesday, Wednesday, and Thursday), 5-day (Monday thru Friday) and/or 7-day bi-directional counts and selected turn counts at approximately 308 sites within Yakima County. The counts would collect the following data: vehicle volume, vehicle classification, and vehicle speed by 15-minute intervals with a grand total for each site. Counter sites are in the attached [Excel] Master list.
- Perform a “demonstration-type” video-capture bicycle and pedestrian count at no more than 10 pathway locations within Yakima County, with specific locations to be determined at award of contract. Contractor is asked to provide proposed counting process and list counts as a separate line item.
- The work would begin no later than April 1, 2021 as weather permits and end in mid-October for counts conducted in the urbanized area. Counts are to be taken when school is in session, if and/or as requested by the member jurisdiction(s).
- Location data to be collected for each counter or turn location using GPS in Lat/Long DD

DELIVERABLES:

- Data sets – Traffic count data would be delivered electronically in Excel (.xlsx spreadsheet) format containing latitude and longitude locations of traffic counter site placement. Each location counted will have the file name of the location (for example, Yakima Avenue E/O Naches Avenue).
- Location Reports (PDF & Excel) for volume/classification/speed for 15-minute intervals including Average Daily Traffic (ADT) and grand totals.
- GIS data will be provided in the form of ESRI Shapefile with count locations. GIS Data will be reprojected to StatePlane Washington South 4602, NAD 83 US Feet.
- Raw Data (Excel or .csv) used to format location report.
- The chosen firm would provide the YVCOG a progress report of the data collection every two weeks until the project is complete.
- **Requested [tube] counter data:**
 - AADT
 - AWDT
 - AM Peak Hour (6-9 AM) with PHF
 - Mid-Day Peak Hour (11 AM – 1 PM) with PHF
 - School Peak Hour (2-4 PM) with PHF
 - PM Peak Hour (4-6) with PHF
 - Metadata, such as date, day of week, weather, road conditions, etc.
 - WA StatePlane South Coordinates
- **Requested turning movement data:**
 - 2-Hour AM Peak Hour – As requested by Jurisdiction
 - 2-Hour PM Peak Hour – As requested by Jurisdiction
 - Metadata, such as date, day of week, etc.
 - WA StatePlane South Coordinates
- **Requested “Pathway” bicycle / pedestrian data**
 - Dual direction pathway capture
 - Separate counts for pedestrian and bicyclists, and other modes as available.
 - Metadata, such as date, day of week, etc.
 - WA StatePlane South Coordinates

2021 - YVCOG Countywide Traffic Count Master List (For RFP Use)								Total Sites:	
April to October 2021								308	
Grandview:	Count Window - April 1st to May 30th, 2021								
	Counter Location (Street and Intersection Name(s))	Tube or Turning Mvmnt	Direction of Travel (N/S or E/W)	Street Width (in ft., include shoulders, parking, etc.)	Number of Lanes	Number of Days (3/5/7)	Existing Barriers (On Street Parking, Curbs, Driveways) / Desired 2-hr AM & PM windows for Turning Movements	Tube	TM
1	Stover Road / 250' E. of Puterbaugh Road	Tube	E/W	38	3	7		1	0
2	Forsell Road / 250' E of Puterbaugh Road	Tube	E/W	24	2	7		1	0
3	Forsell Road / 77' E of Wallace Way	Tube	E/W	36	2	7		1	0
4	Cherry Lane / 435' S of Hendrick Pl	Tube	N/S	39	2	7		1	0
5	N. Euclid Rd. / 42' S of Viall Rd.	Tube	N/S	20	2	7		1	0
6	Viall Rd / 220' E of Wine County Rd.	Tube	E/W	38	2	7		1	0
7	Pleasant Rd. / 73' E Apache Rd.	Tube	E/W	30	2	7		1	0
8	Elm Rd. / 350' S. of RR Tracks	Tube	N/S	23	2	7		1	0
9	Old Island Empire Rd. / 840' N of Elm Rd.	Tube	N/S	31	2	7		1	0
10	Grandridge Rd. / 118' N of W. 5th St.	Tube	N/S	45	2	7		1	0
11	Wine Country Road / 94' E of Wilson Hwy	Tube	E/W	54	4	7		1	0
12	Wilson Hwy / 59' Bonnieview Rd.	Tube	N/S	42	2	7		1	0
13	Wilson Hwy / 345' N. of DeAngela Rd.	Tube	N/S	21	2	7		1	0
14	Bonnieview Road / 293' E of Birch Rd.	Tube	E/W	34	2	7		1	0
15	Elm Road / 366' N. of Bonnieview Rd.	Tube	N/S	31	2	7		1	0
16	Wine County Road / 318' W of Elm Rd.	Tube	E/W	59	3	7		1	0
17	Elm Rd. / 215' S of Wine County Rd.	Tube	N/S	37	2	7		1	0
Total Tube or Turning movement →→→→								17	0
Granger:	Count Window - April to May 2021 (Turning Movements 7-9 AM and 4-6 PM)								
	Counter Location (Street and Intersection Name(s))	Tube or Turning Mvmnt	Direction of Travel (N/S or E/W)	Street Width (in ft., include shoulders, parking, etc.)	Number of Lanes	Number of Days (3/5/7)	Existing Barriers (On Street Parking, Curbs, Driveways) / Desired 2-hr AM & PM windows for Turning Movements	Tube	TM
1	Main Street Northbound (2nd Street to 1st Street)	Tube	North	25	1	7	(Tree Lined Island) - On street parking, curb, gutter, driveways	1	0
2	Main Street Southbound (2nd Street to 1st Street)	Tube	South	25	1	7	(Tree Lined Island) - On street parking, curb, gutter, driveways	1	0
3	Main Street Northbound (Bridge St. to 3rd Street)	Tube	North	25	1	7	(Tree Lined Island) - On street parking, curb, gutter, driveways	1	0
4	Main Street Southbound (Bridge St. to 3rd Street)	Tube	South	25	1	7	(Tree Lined Island) - On street parking, curb, gutter, driveways	1	0
5	Main Street (SR233 to 5th Street)	Tube	SE/NW	28	2	7	Parking on both sides	1	0
6	3rd Street (SR-223 to 'E' Street)	Tube	E/W	43	2	7	none	1	0
7	Cherry Hill Road (south of 3rd Street Crossing of SR-223)	Tube	N/S	30	2	7	none	1	0
8	Cherry Hill Road (north of 3rd Street Crossing of SR-223)	Tube	N/S	30	2	7	none	1	0
9	Bailey Avenue (SR-223 to S. Lapierre Road)	Tube	E/W	40	2	7	Curb, gutter, and sidewalk north side, driveways	1	0
10	Bailey Avenue (Travel Plaza to SR-223)	Tube	N/S	36	3	7	Curb & gutter on both sides, center left/thru lane NB, dedicated right NB	1	0
11	'E' Avenue (Mentzer Avenue to I-82 overpass)	Tube	N/S	42	2	7	Guardrail both sides	1	0
12	Hudson Road (I-82 overpass to Campground Road)	Tube	E/W	36	2	7	Fields on both sides	1	0
13	Hutton Avenue (Railroad Avenue to RR Tracks)	Tube	SW / NE	32	2	7	Dirt road	1	0
14	West Blvd N (Peterson Avenue to Campground Road)	Tube	SE/NW	28	2	7	Dirt road, on-road parking both sides, driveways west side, fields east side	1	0
15	Main Street & 3rd Street Intersection	T.M.	---	---	2 & 2	3	7-9 (AM) and 4-6 (PM)	0	1
16	Railroad Avenue (1st Street to Zillah Avenue)	Tube	SE/NW	40	2	7	Curb, sidewalk, and parking on west side, fields on east side	1	0
17	Sunnyside Avenue (Main Street to RR tracks)	Tube	SW / NE	45	2	7	Sidewalk, on-street parking both sides, driveways	1	0
18	'B' Street (1st Street to RR tracks)	Tube	N/S	45	2	7	Sidewalk on both sides, parking on both sides	1	0
19	'E' Avenue (1st Street to RR tracks)	Tube	N/S	30	2	7	Curb, gutter, and sidewalk on west side, curb, gutter and parking on east side	1	0
20	Irrigation canal overcross (south of RR tracks, north of Cherry Hill, east of Bagley Road)	Tube	N/S	18	2	7	Dirt Road	1	0
21	Barker Avenue (Railroad Ave to RR Tracks)	Tube	SW / NE	15	2	7	Dirt Road	1	0
Total Tube or Turning movement →→→→								20	1
Harrah:	Count Window - April 19 to May 21, 2021 (Turning Movements 7-9 AM and 4-6 PM)								
	Counter Location (Street and Intersection Name(s))	Tube or Turning Mvmnt	Direction of Travel (N/S or E/W)	Street Width (in ft., include shoulders, parking, etc.)	Number of Lanes	Number of Days (3/5/7)	Existing Barriers (On Street Parking, Curbs, Driveways) / Desired 2-hr AM & PM windows for Turning Movements	Tube	TM
1	N. Harrah Road n/o Canal Street	Tube	N/S	25	2	7	Orchards/fields both sides of road. Driveways	1	0
2	N. Harrah Road n/o Batali Street	Tube	N/S	25	2	7	Driveways both sides of road. Gravel parking on both sides.	1	0
3	N. Harrah Road n/o Branch Road	Tube	N/S	25	2	7	Unlimited gravel access on west side of road. Sidewalk, curb, and gutter on east side.	1	0
4	Harrah Road s/o Branch Road	Tube	N/S	40	2	7	Unlimited gravel access on both sides of road.	1	0
5	Harrah Road s/o South City Limits	Tube	N/S	25	2	7	Fields both sides of road.	1	0
6	Branch Road w/o West City Limits	Tube	E/W	25	2	7	Fields north side of road, railroad tracks on the south side of the road.	1	0
7	Branch Road e/o North Avenue	Tube	E/W	30	2	7	Driveways and gravel parking north side of road. Gravel parking south of road. Railroad tracks on the south side of the road.	1	0
8	Branch Road e/o East City Limits	Tube	E/W	25	2	7	Field north side of road, railroad tracks on the south side of the road.	1	0
9	Harrah Road & Branch Road Intersection	T.M.	---	---	2 & 2	3	7-9 (AM) and 3-5 (PM)	0	1
Total Tube or Turning movement →→→→								8	1

Mabton: Count Window - August 23 to October 24, 2021 (Turning Movements 7-9 AM and 4-6 PM)										
	Counter Location		Tube or Turning Mvmt	Direction of Travel (N/S or E/W)	Street Width (in ft., include shoulders, parking, etc.)	Number of Lanes	Number of Days (3/5/7)	Existing Barriers (On Street Parking, Curbs, Driveways) / Desired 2-hr AM & PM windows for Turning Movements	Tube	TM
	(Street and Intersection Name(s))									
1	Main Street & SR 22 Intersection (Also See YVCOG List)		T.M.	---	---	2 & 2	3 - TWTh	Vehicle (7-9am & 4-6pm)	0	1
2	Main Street & SR 22 Intersection (North Leg)		Tube	N/S	40	2	7	Curbs	1	0
3	Main Street & SR 22 Intersection (South Leg)		Tube	N/S	40	2	7	Curbs	1	0
4	Main Street & SR 22 Intersection (East Leg)		Tube	E/W	40	3	7		1	0
5	Main Street & SR 22 Intersection (West Leg)		Tube	E/W	40	3	7		1	0
6	Main Street & Washington St. (West Leg)		Tube	E/W	44	2	7	Curbs	1	0
7	Main Street & Washington St. (South Leg)		Tube	N/S	60	3	7	Curbs, Raised Island	1	0
8	Main Street & Washington St. (East Leg)		Tube	E/W	44	2	7	Curbs	1	0
9	1st Ave (SR241) & Monroe St. (North Leg)		Tube	N/S	24	2	7		1	0
10	1st Ave (SR241) & Monroe St. (East Leg)		Tube	E/W	20	2	7		1	0
11	1st Ave (SR241) & Monroe St. (South Leg)		Tube	N/S	24	2	7		1	0
12	7th Avenue & Monroe St. (West Leg)		Tube	E/W	18	2	7		1	0
13	Monroe Street & Vance Road (West Leg)		Tube	E/W	18	2	7	gravel	1	0
14	Monroe Street & Vance Road (South Leg)		Tube	N/S	20	2	7		1	0
15	7th Avenue & Washington (West Leg)		Tube	E/W	42	2	7	curbs	1	0
16	7th Avenue & Washington (North Leg)		Tube	N/S	34	2	7	Curbs	1	0
17	7th Avenue & Washington (East Leg)		Tube	E/W	42	2	7	Curbs	1	0
18	Boundary Road & SR 22 (South Leg)		Tube	N/S	36	2	7		1	0
19	Boundary Road & Pine Street (South Leg)		Tube	N/S	22	2	7		1	0
20	6th Street & SR 22 (South Leg)		Tube	N/S	40	2	7		1	0
21	6th Street & South St. (West Leg)		Tube	E/W	28	2	7		1	0
22	6th Street & South St. (South Leg)		Tube	N/S	29	2	7	Curb, Parking Lane	1	0
23	6th Street & South St. (East Leg)		Tube	E/W	26	2	7		1	0
24	1st Avenue (SR 241) & Adams St. (East Leg)		Tube	E/W	24	2	7		1	0
25	1st Avenue (SR 241) & Jefferson St. (East Leg)		Tube	E/W	24	2	7		1	0
Total Tube or Turning movement →→→→									24	1
Moxee: Count Window - September 1 to September 30, 2021										
	Counter Location		Tube or Turning Mvmt	Direction of Travel (N/S or E/W)	Street Width (in ft., include shoulders, parking, etc.)	Number of Lanes	Number of Days (3/5/7)	Existing Barriers (On Street Parking, Curbs, Driveways) / Desired 2-hr AM & PM windows for Turning Movements	Tube	TM
	(Street and Intersection Name(s))									
1	Beaudry Road N. of SR 24		Tube	N/S	51	3	5	Busy Intersection	1	0
2	Beaudry Road S of Postma Rd.		Tube	N/S	51	3	5	This is a very short segment	1	0
3	Postma Road E of Beaudry Rd.		Tube	E/W	54	3	5		1	0
4	Rivard Road S of SR 24		Tube	N/S	41	2	5		1	0
5	Faucher Road N of SR 24		Tube	N/S	47	3	5		1	0
6	Columbus Avenue W of Faucher Rd.		Tube	E/W	35	2	5		1	0
7	Columbus Avenue E of Faucher Rd.		Tube	E/W	35	2	5		1	0
8	Charron Road E of Bravo St.		Tube	E/W	30	2	5		1	0
9	Moxee Avenue E of SR 24		Tube	E/W	45	2	5		1	0
10	Seattle Avenue N of Moxee Ave.		Tube	N/S	41	2	5		1	0
11	Faucher Road N of Postma Rd.		Tube	N/S	30	2	5		1	0
12	Duffield Road W of Beaudry Rd.		Tube	E/W	51	3	5		1	0
13	Duffield Road W of Ekelman Rd.		Tube	E/W	51	3	5		1	0
14	Grant Way N of Postma Rd.		Tube	N/S	40	2	5		1	0
Total Tube or Turning movement →→→→									14	0
Naches: Count Window - September 1 to October 30, 2021 (Turning Movements 7-9 AM and 4-6 PM)										
	Counter Location		Tube or Turning Mvmt	Direction of Travel (N/S or E/W)	Street Width (in ft., include shoulders, parking, etc.)	Number of Lanes	Number of Days (3/5/7)	Existing Barriers (On Street Parking, Curbs, Driveways) / Desired 2-hr AM & PM windows for Turning Movements	Tube	TM
	(Street and Intersection Name(s))									
1	US 12 & Allan Road Intersection		T.M.			4(+) ³	3	Allan Rd (2 lane) - SR 12 (4 lane, separated with turning island)	0	1
2	US 12 & Shafer Road Intersection		T.M.			3 x 2	3		0	1
3	US 12 & (S.) Naches Avenue Intersection		T.M.			3 x 3	3		0	1
4	US 12 & W. Naches Road Intersection		T.M.			3 x 3	3		0	1
5	US 12 & Kel-Lowry Road Intersection		T.M.			3 x 3	3		0	1
6	Naches Avenue & W 2nd Street Intersection		T.M.			2 x 2	3		0	1
7	Old Naches Highway & Simmons Road Intersection		T.M.			2 x 2	3		0	1
8	Bonlow Drive (approx.) 100' SE of Kel-Lowry Road		Tube	NW/SE		2	7		1	0
9	Allan Road b/n of SR 12 and Bonlow Drive		Tube	N/S		3	7		1	0
10	US 12 (approx.) 250' SE of Jennings Lane		Tube	NW/SE		3	7		1	0
11	Bonlow Drive (approx.) 300' W of Allan Road		Tube	E/W		2	7		1	0
12	Naches Avenue (Ext.) - N of 4th St.		Tube	N/S		2	7		1	0
13	S. Naches Road - S of Naches River Bridge		Tube	N/S		2	7		1	0
14	Allan Road - South of Old Naches Hwy		Tube	N/S		2	7		1	0
15	Allan Road & Old Naches Hwy Intersection		T.M.			2 x 2	3		0	1
Total Tube or Turning movement →→→→									7	8
Selah: Count Window -September 1 to October 30, 2021										
	Counter Location		Tube or Turning Mvmt	Direction of Travel (N/S or E/W)	Street Width (in ft., include shoulders, parking, etc.)	Number of Lanes	Number of Days (3/5/7)	Existing Barriers (On Street Parking, Curbs, Driveways) / Desired 2-hr AM & PM windows for Turning Movements	Tube	TM
	(Street and Intersection Name(s))									
1	Vicinity of: 620 North Park Drive		Tube	E/W	38	3	7	curb, sidewalk both sides	1	0
2	Vicinity of: Larson Drive		Tube	E/W	38	3	7	curb, sidewalk both sides	1	0
3	Vicinity of: 114 E. Naches Avenue		Tube	E/W	60	2	7	on street parking, sidewalk both sides	1	0
4	Vicinity of: 121 E. Fremont Avenue		Tube	E/W	38	3	7	curb, sidewalk both sides	1	0
5	Vicinity of: 801 N. 1st Street		Tube	N/S	60	5	7	curb, sidewalk both sides	1	0
6	Vicinity of: 106 N. 1st Street		Tube	N/S	60	5	7	curb, sidewalk both sides	1	0
7	Vicinity of: 115 S. 3rd Street		Tube	N/S	30	2	7	curb, sidewalk	1	0
8	Vicinity of: 108 Valley View Avenue		Tube	E/W	60	2	7	off street parking both sides	1	0
9	Vicinity of: 308 S. 3rd Street		Tube	N/S	40	2	7	off street parking, sidewalk, curb	1	0
10	Vicinity of: 408 S. 3rd Street		Tube	N/S	50	2	7	off street parking both sides	1	0
11	Vicinity of: 99 Hillcrest Drive		Tube	N/S	40	2	7	curb, sidewalk, curve	1	0
12	Vicinity of: 800 Block of Crusher Canyon Road		Tube	E/W	50	3	7	curb, sidewalk both sides	1	0
13	Vicinity of: 1092 Crusher Canyon Road		Tube	E/W	50	3	7	curb, sidewalk both sides	1	0
14	Vicinity of: 1107 W. Fremont Avenue		Tube	E/W	50	3	7	curb, sidewalk both sides	1	0
15	Vicinity of: 1003 W. Fremont Avenue		Tube	E/W	50	3	7	curb, sidewalk both sides	1	0
16	Vicinity of: 909 Speyers Road		Tube	E/W	50	3	7	curb, sidewalk	1	0
17	Vicinity of: 1105 Speyers Road		Tube	E/W	50	3	7	curb, sidewalk	1	0
Total Tube or Turning movement →→→→									17	0

Sunnyside: Count Window - Mid-April to Mid-May (Turning Movements 7-9 AM and 4-6 PM)										
	Counter Location		Tube or Turning Mvmnt	Direction of Travel (N/S or E/W)	Street Width (in ft., include shoulders, parking, etc.)	Number of Lanes	Number of Days (3/5/7)	Existing Barriers (On Street Parking, Curbs, Driveways) / Desired 2-hr AM & PM windows for Turning Movements	Tube	TM
	(Street and Intersection Name(s))									
1	Outlook Road/North Avenue & North 1st Intersection		T.M.	All	40	4 legs - 2	3 TWTW	SE Corner Sidewalk	0	1
2	Yakima Valley Highway & North 11th Street Intersection		T.M.	All	Max 90	2 legs - 2 2 legs - 3	3 TWTW	Corner sidewalks, driveways on all legs, bike lanes on YVH, center turn lanes east, and west legs. Intermittent sidewalk, curb, gutter.	0	1
3	Yakima Valley Highway & HWY 241 Intersection		T.M.	All	80	3 legs - 3 1 leg - 4	3 TWTW	Skewed intersection, center turn lanes all legs, dedicated right turn lane northwest leg, intermittent sidewalk, curb, gutter. RRxing on southwest leg. Close intersection on southeast leg.	0	1
4	Yakima Valley Highway & Ray Road Intersection		T.M.	All	70	2 legs - 2 2 legs - 3	3 TWTW	Center turn northwest leg.	0	1
5	Yakima Valley Highway & Homer Street Intersection		T.M.	All	50	3 legs - 2	3 TWTW		0	1
6	Edison Avenue & N. 13th Street Intersection		T.M.	All	50	All Legs - 2	3 TWTW	Corner sidewalks and intermittent sidewalk, curb, gutter.	0	1
7	Edison Avenue & N. 11th Street Intersection		T.M.	All	55	All Legs - 2	3 TWTW	Skewed intersection, sidewalk, intermittent curb, gutter east, west, and south legs.	0	1
8	Edison Avenue & N. 5th Street Intersection		T.M.	All	70	All Legs - 2	3 TWTW	Bulb outs 3 corners, on street parking, driveways at all legs.	0	1
9	W. Edison Avenue & Swan Road Intersection		T.M.	All	35	All Legs - 2	3 TWTW	Bridge with guardrail on south leg, driveways on north and east legs.	0	1
10	Harrison Avenue & Tacoma Avenue Intersection		T.M.	All	50	All Legs - 2	3 TWTW	Driveways on two legs, sidewalk, curb, gutter on all legs. Nearby intersection on southeast leg.	0	1
11	Harrison Avenue & S. 13th Avenue Intersection		T.M.	All	45	All Legs - 2	3 TWTW	Sidewalk, curb, gutter on all legs. Immediate couplet on NW leg.	0	1
12	Harrison Avenue & S. 16th Street Intersection		T.M.	All	50	2 legs - 2 2 legs - 3	3 TWTW	Driveway is east leg, bulbouts, sidewalk, curb, gutter on all legs.	0	1
13	Lincoln Avenue & S. First Street Intersection		T.M.	All	45	1 leg - 2 2 legs - 3 1 leg - 4	3 TWTW	Skewed intersection, dedicated right turn lane on south leg, pedestrian island on south and east leg, sidewalk, curb, gutter on all legs.	0	1
14	Lincoln Avenue & S. 4th Street Intersection		T.M.	All	65	All Legs - 2	3 TWTW	Skewed intersection, driveways on all legs, sidewalk, curb, gutter on north side of Lincoln Avenue, pedestrian island.	0	1
15	Lincoln Avenue & S. 9th Street Intersection		T.M.	All	50	All Legs - 2	3 TWTW	Driveways on three legs, sidewalk, curb, gutter on all legs. On street parking.	0	1
16	Lincoln Avenue & S. 16th Street Intersection		T.M.	All	55	All Legs - 3	3 TWTW	Driveways on three legs, sidewalk, curb, gutter on all legs. Dedicated left turn lanes on all legs.	0	1
17	Factory Road & HWY 241 Intersection		T.M.	All	35	All Legs - 2	3 TWTW	Driveways on two legs.	0	1
18	South Hill Road & Saul Road Intersection		T.M.	All	45	All Legs - 2	3 TWTW	Skewed intersection, driveways on all legs.	0	1
19	E. Allen Road & HWY 241 Intersection		T.M.	All	5	2 legs - 2 1 leg - 3	3 TWTW	Nearby intersection on southwest leg.	0	1
20	Beckner Alley Road & 16th Street Intersection		T.M.	All	40	All Legs - 2	3 TWTW	Driveway is east leg, corner sidewalk, curb, gutter on three legs.	0	1
21	North City Limits & Washout Road		Tube	N/S	35	2	7	Driveways on both sides of Washout Road.	1	0
22	South Street & S. 16th Street Intersection		T.M.	All	35	All Legs - 2	3 TWTW	Driveways on all legs. Corner sidewalk gutter on W side of 16th St.	0	1
23	South First Avenue north of Maple Way Intersection		T.M.	All	35	All Legs - 2	3 TWTW	Driveways on all legs. Corner sidewalk gutter on north side of Maple Way and on west side of 1st Street.	0	1
24	W. Riverside Avenue & Heffon Road Intersection		T.M.	All	35	All Legs - 2	3 TWTW	Skewed intersection, driveways on three legs.	0	1
25	Columbia Avenue & Swan Road Intersection		T.M.	All	35	All Legs - 2	3 TWTW	Driveways on three legs.	0	1
Total Tube or Turning movement → → →									1	24
Tieton: Count Window - Open (August to October)										
	Counter Location		Tube or Turning Mvmnt	Direction of Travel (N/S or E/W)	Street Width (in ft., include shoulders, parking, etc.)	Number of Lanes	Number of Days (3/5/7)	Existing Barriers (On Street Parking, Curbs, Driveways) / Desired 2-hr AM & PM windows for Turning Movements	Tube	TM
	(Street and Intersection Name(s))									
1	Franklin Road S. of Rosenkranz Rd.		Tube	N/S	38	2	7	Driveways	1	0
2	Franklin Road N. of Canal Ave.		Tube	N/S	30	2	7	Driveways, curb gutter sidewalk east side of road	1	0
3	Franklin Road S. of Canal Ave.		Tube	N/S	30	2	7	Driveways, curb gutter sidewalk east side of road	1	0
4	Franklin Road N. of Naches Ave.		Tube	N/S	30	2	7	Driveways, curb gutter sidewalk east side of road	1	0
5	Franklin Road S. of Naches Ave.		Tube	N/S	30	2	7	Driveways, curb gutter sidewalk east side of road	1	0
6	N. Tieton Road S. of Rosenkranz Rd.		Tube	N/S	35	2	7	Orchards on side of road	1	0
7	N. Tieton Road S. of Wisconsin Ave.		Tube	N/S	35	2	7	Empty field one side, unrestricted driveway on side	1	0
8	N. Tieton Road / Summitview Road S. of Naches Ave.		Tube	N/S	30	2	7	driveways, curb gutter sidewalk west side of road	1	0
9	Tieton Avenue E. of Franklin Rd.		Tube	E/W	50	2	7	driveways, curb gutter sidewalk north side of road. On-street parking both sides.	1	0
10	Tieton Avenue W. of Elm St.		Tube	E/W	30	2	7	Driveways both sides of road. On-street parking both sides.	1	0
11	Maple Street N. of Naches Ave.		Tube	N/S	40	2	7	Driveways west side of street. On-street parking both sides. Sidewalk curb, gutter on east side of street.	1	0
12	Elm Street N. of Naches Ave.		Tube	N/S	40	2	7	Driveways both sides of road. On-Sight parking both sides	1	0
13	Washington Street S. of Canal Ave.		Tube	N/S	40	2	7	Driveways both sides of street. On-street parking both sides. Sidewalk east side of street.	1	0
14	Wisconsin Avenue W. of N. Tieton Rd.		Tube	E/W	40	2	7	Driveways both sides of road. On-Sight parking both sides	1	0
15	Wisconsin Avenue W. of Elm St.		Tube	E/W	45	2	7	Driveways both sides of road. On-Sight parking both sides	1	0
16	Ashbrooks Way W. of Franklin Ave.		Tube	E/W	45	2	7	Driveways both sides of road. On-Sight parking both sides	1	0
17	N. Pongala Road N. of Ashbrooks Way		Tube	N/S	30	2	7	Dirt/Gravel Road	1	0
18	Pongala Road N. of W Tieton Rd.		Tube	N/S	35	2	7	Dirt/Gravel Road	1	0
19	Taft Street S. of Burns Avenue		Tube	N/S	25	2	7	Driveways both sides of road	1	0
20	Naches Avenue/W. Tieton Rd. W. of Franklin Rd.		Tube	E/W	30	2	7	Driveways both sides of road	1	0
Total Tube or Turning movement → → →									20	0

Toppenish: Count Window - September 7 to October 29, 2021											
	Counter Location		Tube or Turning Mvmt	Direction of Travel (N/S or E/W)	Street Width (in ft., include shoulders, parking, etc.)	Number of Lanes	Number of Days (3/5/7)	Existing Barriers (On Street Parking, Curbs, Driveways) / Desired 2-hr AM & PM windows for Turning Movements	Tube	TM	
	(Street and Intersection Name(s))										
1	Adams Avenue E of Robart Ln.		Tube	E/W	35	2	7	8-10am & 1-3pm on street parking	1	0	
2	Madison Avenue W os S. Gardenia St.		Tube	E/W	30	2	7	8-10am & 1-3pm on street parking, curbs driveways.	1	0	
3	E. Toppenish Avenue E of "I" St.		Tube	E/W	5	2	7	8-10am & 1-3pm on street parking, curbs driveways.	1	0	
4	W. 4th Avenue E of Bolin Dr.		Tube	E/W	40	2	7	8-10am & 1-3pm on street parking, curbs driveways.	1	0	
5	Washington Avenue W of S. Juniper St.		Tube	E/W	40	2	7	8-10am & 1-3pm on street parking, curbs driveways.	1	0	
6	N. "F" Street S of Zillah Ave.		Tube	E/W	40	2	7	8-10am & 1-3pm on street parking, curbs driveways.	1	0	
7	E. 2nd Avenue W of RR Tracks		Tube	E/W	30	2	7	8-10am & 1-3pm on street parking	1	0	
8	Asotin Avenue N of E. Toppenish Ave.		Tube	N/S	40	2	7	8-10am & 1-3pm on street parking	1	0	
9	S. Toppenish Avenue E of Washington Ave.		Tube	E/W	55	2	7	8-10am & 1-3pm on street parking, curbs	1	0	
10	Fralely Road E of SR 22		Tube	E/W	20	2	7	8-10am & 1-3pm	1	0	
11	Franklin Avenue W of N. Fir St.		Tube	E/W	40	2	7	8-10am & 1-3pm on street parking, curbs driveways.	1	0	
12	N. Beech Street W of N. "D" St.		Tube	E/W	50	2	7	8-10am & 1-3pm on street parking, curbs driveways.	1	0	
13	Lincoln Avenue W of N. "L" St.		Tube	E/W	40	2	7	8-10am & 1-3pm on street parking, curbs driveways.	1	0	
14	Jackson Street W of S. Juniper St.		Tube	E/W	35	2	7	8-10am & 1-3pm on street parking, curbs driveways.	1	0	
15	N. "G" Street S of Lincoln Ave.		Tube	N/S	35	2	7	8-10am & 1-3pm on street parking, curbs driveways.	1	0	
16	S. Juniper Street S of Washington Ave.		Tube	N/S	35	2	7	8-10am & 1-3pm on street parking, curbs driveways.	1	0	
17	W. 2nd Avenue E of SR 22		Tube	E/W	30	2	7	8-10am & 1-3pm on street parking, curbs driveways.	1	0	
18	E. 1st Avenue W of S. "L" St.		Tube	E/W	35	2	7	8-10am & 1-3pm on street parking, curbs driveways.	1	0	
19	Linden Street S of Jackson St.		Tube	N/S	35	2	7	8-10am & 1-3pm on street parking, curbs driveways.	1	0	
20	Monroe Avenue E of S. Ivy St.		Tube	E/W	35	2	7	8-10am & 1-3pm on street parking, curbs driveways.	1	0	
21	McDonald Road W of SR 22		Tube	E/W	24	2	7	8-10am & 1-3pm	1	0	
22	Division Street S. of 2nd Ave.		Tube	N/S	40	2	7	8-10am & 1-3pm parallel parking both sides	1	0	
23	3rd Avenue E. of Division St.		Tube	E/W	35	2	7	7-9am & 3-5pm	1	0	
24	N. "L" Street N of Toppenish Ave.		Tube	N/S	35	2	7	7-9am & 3-5pm	1	0	
25	S. "L" Street S. of Toppenish Ave.		Tube	N/S	35	2	7	8-10am & 1-3pm	1	0	
									Total Tube or Turning movement →→→→	25	0
Union Gap: Count Window - October 4-October 11, 2020 (Turning Movements 7-9 AM and 4-6 PM)											
	Counter Location		Tube or Turning Mvmt	Direction of Travel (N/S or E/W)	Street Width (in ft., include shoulders, parking, etc.)	Number of Lanes	Number of Days (3/5/7)	Existing Barriers (On Street Parking, Curbs, Driveways) / Desired 2-hr AM & PM windows for Turning Movements	Tube	TM	
	(Street and Intersection Name(s))										
1	Goodman Road & W. Ahtanum Road Intersection		T.M.	---	60	2	3		0	1	
2	W. Valley Mall Boulevard & Longfiber Road Intersection		T.M.	---	100	5	3		0	1	
3	W. Valley Mall Boulevard - 200' E of Goodman Rd.		Tube	E/W	70	3	7		1	0	
4	W. Valley Mall Boulevard - 150' E of S. 16th Ave.		Tube	E/W	100	5	7		1	0	
5	S. 10th Avenue - 150' N of W. Valley Mall Blvd.		Tube	N/S	36	2	7		1	0	
6	S. 10th Avenue - 150' S of W. Washington Ave.		Tube	N/S	40	2	7		1	0	
7	Rudkin Road - 100' S of E. Mead Ave.		Tube	N/S	50	2	7		1	0	
8	Rainier Place - 100' W of Rudkin Rd.		Tube	E/W	50	2	7		1	0	
9	Rudkin Road - 350' N of E. Valley Mall Blvd.		Tube	N/S	55	4	7		1	0	
10	S. 18th Street - 100' S. of E. Mead Ave.		Tube	N/S	60	3	7		1	0	
11	S. 18th Street - 100' S of E. Washington Ave.		Tube	N/S	50	2	7		1	0	
12	S. 1st Avenue - 50' N of Whatcom St.		Tube	N/S	24	2	7		1	0	
13	Main Street - 100' S of W. Franklin St.		Tube	N/S	62	2	7		1	0	
14	1st Street - 150' S. of Main St.		Tube	N/S	40	2	7		1	0	
15	S. 14th Street - 100' S of E. Washington Ave.		Tube	N/S	50	3	7		1	0	
16	Old Town Road - 100' N of W. Valley Mall Blvd.		Tube	N/S	52	2	7		1	0	
17	Main Street - 950' S of W. Washington St.		Tube	N/S	66	4	7		1	0	
									Total Tube or Turning movement →→→→	15	2
Wapato: Count Window - July 25 - August 28, 2021											
	Counter Location		Tube or Turning Mvmt	Direction of Travel (N/S or E/W)	Street Width (in ft., include shoulders, parking, etc.)	Number of Lanes	Number of Days (3/5/7)	Existing Barriers (On Street Parking, Curbs, Driveways) / Desired 2-hr AM & PM windows for Turning Movements	Tube	TM	
	(Street and Intersection Name(s))										
1	1st Street & Naches Avenue (West Leg)		Tube	E/W	40	3	7	Curb	1	0	
2	1st Street & Naches Avenue (East Leg)		Tube	E/W	40	3	7	Curb	1	0	
3	1st Street & Naches Avenue (South Leg)		Tube	N/S	32	2	7	Curb	1	0	
4	1st Street & Satus Avenue (West Leg)		Tube	E/W	40	3	7	Curb	1	0	
5	1st Street & Satus Avenue (East Leg)		Tube	E/W	40	3	7	Curb	1	0	
6	1st Street & Satus Avenue (South Leg)		Tube	N/S	44	2	7	Curb	1	0	
7	9th Street & Naches Avenue (North Leg)		Tube	N/S	30	2	7	Curb	1	0	
8	9th Street & Naches Avenue (West Leg)		Tube	E/W	44	2	7	Curb	1	0	
9	9th Street & Naches Avenue (East Leg)		Tube	E/W	44	2	7	Curb	1	0	
10	9th Street & Wasco Avenue (North Leg)		Tube	N/S	36	2	7	curb, parking lane	1	0	
11	9th Street & Wasco Avenue (South Leg)		Tube	N/S	36	2	7	curb, parking lane	1	0	
12	9th Street & Wasco Avenue (West Leg)		Tube	E/W	44	2	7	curb, parking lane	1	0	
13	9th Street & Wasco Avenue (East Leg)		Tube	E/W	44	2	7	curb, parking lane	1	0	
14	9th Street & Satus Avenue (West Leg)		Tube	E/W	42	2	7	curb, parking lane	1	0	
15	9th Street & Satus Avenue (East Leg)		Tube	E/W	42	2	7	curb, parking lane	1	0	
16	9th Street & Satus Avenue (North Leg)		Tube	N/S	36	2	7	curb, parking lane	1	0	
17	9th Street & Wapato Avenue (North Leg)		Tube	N/S	36	2	7	curb, parking lane	1	0	
18	9th Street & Wapato Avenue (West Leg)		Tube	E/W	33	2	7	curb, parking lane	1	0	
19	9th Street & Wapato Avenue (East Leg)		Tube	E/W	33	2	7	curb, parking lane	1	0	
20	Camas Avenue & US 97 (North Leg)		Tube	N/S	42	2	7	Curb	1	0	
21	Trader Street & 3rd Street (Northwest Leg)		Tube	N/S	36	2	7	curb, parking lane	1	0	
22	Donald-Wapato Road / N of E. "A" Street		Tube	N/S	26	2	7		1	0	
23	N. Track Road / N & W of Elizabeth Street		Tube	E/W	24	2	7		1	0	
24	Elizabeth Street & N. Camas Avenue (West Leg)		Tube	E/W	28	2	7		1	0	
25	N. Camas Road / N of Donald-Wapato Road		Tube	N/S	40	2	7		1	0	
									Total Tube or Turning movement →→→→	25	0

Yakima: Count Window - Late March - September 30, 2021 (Turning Movements 7-9 AM and 4:30-6:30 PM)										
	Counter Location		Tube or Turning Mvmnt	Direction of Travel (N/S or E/W)	Street Width (in ft., include shoulders, parking, etc.)	Number of Lanes	Number of Days (3/5/7)	Existing Barriers (On Street Parking, Curbs, Driveways) / Desired 2-hr AM & PM windows for Turning Movements	Tube	TM
	(Street and Intersection Name(s))									
1	64th Avenue - 400' S of Occidental Rd.		Tube	N/S	50	2	7		1	0
2	Nob Hill Boulevard - 900' E of 64th Ave.		Tube	E/W	80	5	7		1	0
3	Washington Avenue - 600' E of 64th Ave.		Tube	E/W	80	5	7		1	0
4	Tieton Drive - 400' W of 56th Ave.		Tube	E/W	60	4	7		1	0
5	Summitview Avenue - 1500' W. of 56th Ave.		Tube	E/W	70	5	7	Driveways	1	0
6	Englewood Avenue - 300' W of 56th Ave.		Tube	E/W	30	2	7		1	0
7	66th Avenue - 200' S of Scenic Dr.		Tube	N/S	40	2	7		1	0
8	Powerhouse Road - 300' E of Pecks Canyon Rd.		Tube	E/W	60	3	7	(Note: To be done as early in season as possible)	1	0
9	River Road - 1000' E of 40th Ave.		Tube	E/W	60	3	7	Driveways / (Note: To be done as early in season as possible)	1	0
10	Fruitvale Boulevard - 600' E of 40th Ave.		Tube	E/W	80	5	7	Driveways / (Note: To be done as early in season as possible)	1	0
11	Washington Avenue - 800' W of 24th Ave.		Tube	E/W	60	4	7		1	0
12	24th Avenue - 250' S of Mead Ave.		Tube	N/S	60	4	7		1	0
13	16th Avenue - 400' N of Washington Ave.		Tube	N/S	70	5	7		1	0
14	40th Avenue & Fruitvale Boulevard Intersection		T.M.	---	---	5	3	(Note: To be done as early in season as possible)	0	1
15	40th Avenue & Powerhouse/River Road Intersection		T.M.	---	---	5	3	(Note: To be done as early in season as possible)	0	1
16	40th Avenue & Castlevalle Drive Intersection		T.M.	---	---	5	3	(Note: To be done as early in season as possible)	0	1
17	Powerhouse Road & Pecks Canyon Road Intersection		T.M.	---	---	2	3	(Note: To be done as early in season as possible)	0	1
18	Nob Hill Boulevard - 100' E of 12th St.		Tube	E/W	45	4	7		1	0
19	Tieton Drive - 200' E of 16th Ave.		Tube	E/W	44	4	7		1	0
20	Tieton Drive - 200' W of 16th Ave.		Tube	E/W	44	2	7		1	0
21	16th Avenue - 200' N of Tieton Drive		Tube	N/S	44	4	7		1	0
22	16th Avenue - 200' S of Tieton Drive		Tube	N/S	44	4	7		1	0
23	48th Avenue - 350' NW of Washington Ave.		Tube	N/S	32	2	7		1	0
24	Washington Avenue - 300' SW of 48th Ave.		Tube	E/W	62	5	7		1	0
25	Washington Avenue - 300' NE of 48th Ave.		Tube	E/W	62	5	7		1	0
Total Tube or Turning movement →→→→									21	4
Zillah: Count Window - August 1 - September 15, 2021 (Turning Movements 7-9 AM and 5-7 PM)										
	Counter Location		Tube or Turning Mvmnt	Direction of Travel (N/S or E/W)	Street Width (in ft., include shoulders, parking, etc.)	Number of Lanes	Number of Days (3/5/7)	Existing Barriers (On Street Parking, Curbs, Driveways) / Desired 2-hr AM & PM windows for Turning Movements	Tube	TM
	(Street and Intersection Name(s))									
1	Adams Park Drive & 2nd Avenue Intersection (South Leg)		Tube	N/S	23	2	7	on street parking, curbs on both sides, driveways	1	0
2	Alteenjen Road & W. Centennial Drive Intersection (South Leg)		Tube	N/S	30	2	7	on street parking, driveways	1	0
3	Ann Street & Second Avenue Intersection (South Leg)		Tube	N/S	32	2	7	on street parking, driveways	1	0
4	Ann Street & Chenaur Drive Intersection (North Leg)		Tube	N/S	30	2	7	on street parking, driveways	1	0
5	Ann Street & Kagley Way Intersection (North Leg)		Tube	N/S	30	2	7	on street parking, driveways	1	0
6	Carlsonia Road & Edson Street Intersection (South Leg)		Tube	N/S	20	2	7	on street parking, driveways	1	0
7	Carlsonia Road & Edson Street Intersection (North Leg)		Tube	N/S	36	2	7	on street parking, driveways	1	0
8	8th Street & 1st Avenue Intersection (North Leg)		Tube	N/S	52	2	7	on street parking, curbs on both sides, driveways	1	0
9	8th Street & 2nd Avenue Intersection (North Leg)		Tube	N/S	58	2	7	on street parking, curbs on both sides, driveways	1	0
10	1st Avenue & 4th Street Intersection (North Leg)		Tube	N/S	31	2	7	curbs on both sides, driveways	1	0
11	4th Avenue & 5th Street Intersection (West Leg)		Tube	E/W	24	2	7	curbs on both sides, driveways	1	0
12	Leland Street & Carlsonia Intersection (South Leg)		Tube	N/S	16	2	7	on street parking, driveways	1	0
13	2nd Avenue (b/n 2nd St and End of Road to West)		Tube	E/W	33	2	7	on street parking, driveways	1	0
14	6th Street (b/n 1st Ave. & Railroad Ave.)		Tube	N/S	30	2	7	driveways	1	0
15	7th Street (b/n 1st Ave. & Railroad Ave.)		Tube	N/S	36	2	7	driveways	1	0
16	Meade Drive S of 1st Avenue		Tube	N/S	28	2	7	driveways	1	0
17	Sunset Way S of 2nd Avenue		Tube	N/S	30	2	7	on street parking, driveways	1	0
18	Sunset Way S of Chenaur Drive		Tube	N/S	34	2	7	on street parking, driveways	1	0
19	Sunset Way N of Kagley Way		Tube	N/S	34	2	7	on street parking, driveways	1	0
20	W. First Avenue & Vintage Valley Parkway/Zillah West Intersection		T.M.	---	60	2	7	Turning Movement 7-9 am & 5-7 pm	0	1
Total Tube or Turning movement →→→→									19	1

YVCOG: Count Window - April 1 to October 30, 2021 - As coordinated with YVCOG										
	Counter Location (Street and Intersection Name(s))	Tube or Turning Mvmnt	Direction of Travel (N/S or E/W)	Street Width (in ft., include shoulders, parking, etc.)	Number of Lanes	Number of Days (3/5/7)	Existing Barriers (On Street Parking, Curbs, Driveways) / Desired 2-hr AM & PM windows for Turning Movements	Tube	TM	Video
1	Video Capture - Yakima Greenway Bike Ped Location # 1		Both Directions	10	N/A		Greenway Pathway - Limited secure structures for cameras	0	0	1
2	Video Capture - Yakima Greenway Bike Ped Location # 2		Both Directions	10	N/A		Greenway Pathway - Limited secure structures for cameras	0	0	1
3	Video Capture - Yakima Greenway Bike Ped Location # 3		Both Directions	10	N/A		Greenway Pathway - Limited secure structures for cameras	0	0	1
4	Video Capture - Yakima Greenway Bike Ped Location # 4		Both Directions	10	N/A		Greenway Pathway - Limited secure structures for cameras	0	0	1
5	Video Capture - Yakima Greenway Bike Ped Location # 5		Both Directions	10	N/A		Greenway Pathway - Limited secure structures for cameras	0	0	1
6	Video Capture - Yakima Greenway Bike Ped Location # 6		Both Directions	10	N/A		Greenway Pathway - Limited secure structures for cameras	0	0	1
7	Video Capture - Yakima Greenway Bike Ped Location # 7		Both Directions	10	N/A		Greenway Pathway - Limited secure structures for cameras	0	0	1
8	Video Capture - Yakima Greenway Bike Ped Location # 8		Both Directions	10	N/A		Greenway Pathway - Limited secure structures for cameras	0	0	1
9	Video Capture - Yakima Greenway Bike Ped Location # 9		Both Directions	10	N/A		Greenway Pathway - Limited secure structures for cameras	0	0	1
10	Video Capture - Yakima Greenway Bike Ped Location # 10		Both Directions	10	N/A		Greenway Pathway - Limited secure structures for cameras	0	0	1
11	Toppenish - West 1st Street & SR22 Intersection	T.M.			4 x 4	3 - SaSuM	Vehicle/Bike/Ped (7-9am & 4-6pm) / Bike & Ped Only (9am-4pm)	0	1	0
12	Toppenish - Washington Avenue & SR 22 Intersection	T.M.			3 x 2	3 - SaSuM	Vehicle/Bike/Ped (7-9am & 4-6pm) / Bike & Ped Only (9am-4pm)	0	1	0
13	Toppenish - North Track Road/Asotin Avenue & SR 22 Intersection	T.M.			3 x 2	3 - SaSuM	Vehicle/Bike/Ped (7-9am & 4-6pm) / Bike & Ped Only (9am-4pm)	0	1	0
14	Mabton - Main Street & SR 22 Intersection	T.M.			3 x 3	3 - SaSuM	Vehicle/Bike/Ped (7-9am & 4-6pm) / Bike & Ped Only (9am-4pm)	0	1	0
15	Yakima - Ahtanum & 64th Intersection	T.M.			3 x 3	3 - TWTh	Vehicle/Bike/Ped (7-9am & 4-6pm)	0	1	0
16	Yakima Avenue - E of S 17th Street	Tube	E/W	60+	5	7	Parallel Parking	1	0	0
17	Yakima Avenue - W of S 8th Street	Tube	E/W	60+	5	7	Parallel Parking	1	0	0
18	Yakima Avenue - E of S. 1st Street	Tube	E/W	60+	5	7	Parallel Parking	1	0	0
19	Yakima Avenue - W of S. 1st Street	Tube	E/W	60+	5	7	Parallel Parking	1	0	0
20	Yakima Avenue - W of S. 7th Avenue	Tube	E/W	60+	5	7	Parallel Parking	1	0	0
21	N. 1st Street - N of E. Lincoln Avenue	Tube	N/S	60+	5	7		1	0	0
22	E Lincoln Avenue - W of N. 8th Street	Tube	E/W	60+	5	7		1	0	0
23	W Lincoln Avenue - W of N. 3rd Avenue	Tube	E/W	60+	5	7		1	0	0
24	E Martin Luther King Boulevard - West of N. 8th Street	Tube	E/W	60+	5	7		1	0	0
25	W Martin Luther King Boulevard - E of N. 3rd Ave	Tube	E/W	60+	5	7		1	0	0
26	S 1st Avenue N. of Pacific Ave.	Tube	N/S	60+	5	7		1	0	0
27	Summitview Avenue - W of S. 88th Ave.	Tube	E/W	60+	5	7		1	0	0
28	Tieton Drive - W of S. 88th Ave	Tube	E/W	60+	5	7		1	0	0
29	N 16th Avenue - S of River Road	Tube	N/S	60+	5	7		1	0	0
30	E. Nob Hill Boulevard - W of Fair Ave.	Tube	E/W	60+	5	7		1	0	0
31	W. Nob Hill Boulevard - E of S. 3rd Ave.	Tube	E/W	60+	5	7		1	0	0
32	S. 3rd Avenue - S of Mead Ave.	Tube	N/S	60+	5	7		1	0	0
20	Fruitvale Boulevard - E of N. 6th Avenue	Tube	E/W	60+	5	7	Parallel Parking	1	0	0
Total Tube or Turning movement →→→→								18	5	10

GRAND Total Tube or Turning movement →→→→ 251 47 10