

WHAT'S HAPPENING IN PORTLAND?

presented by: **Greg Raisman, Portland Office of Transportation**



Portland is a Western Frontier City



- Portland named in coin toss (could have been called Boston).
- Portland wins battle to become region's major city
 - At confluence of Willamette and Columbia Rivers
 - Plank Road that helps bring goods from farms to river.

Portland is a Western Frontier City

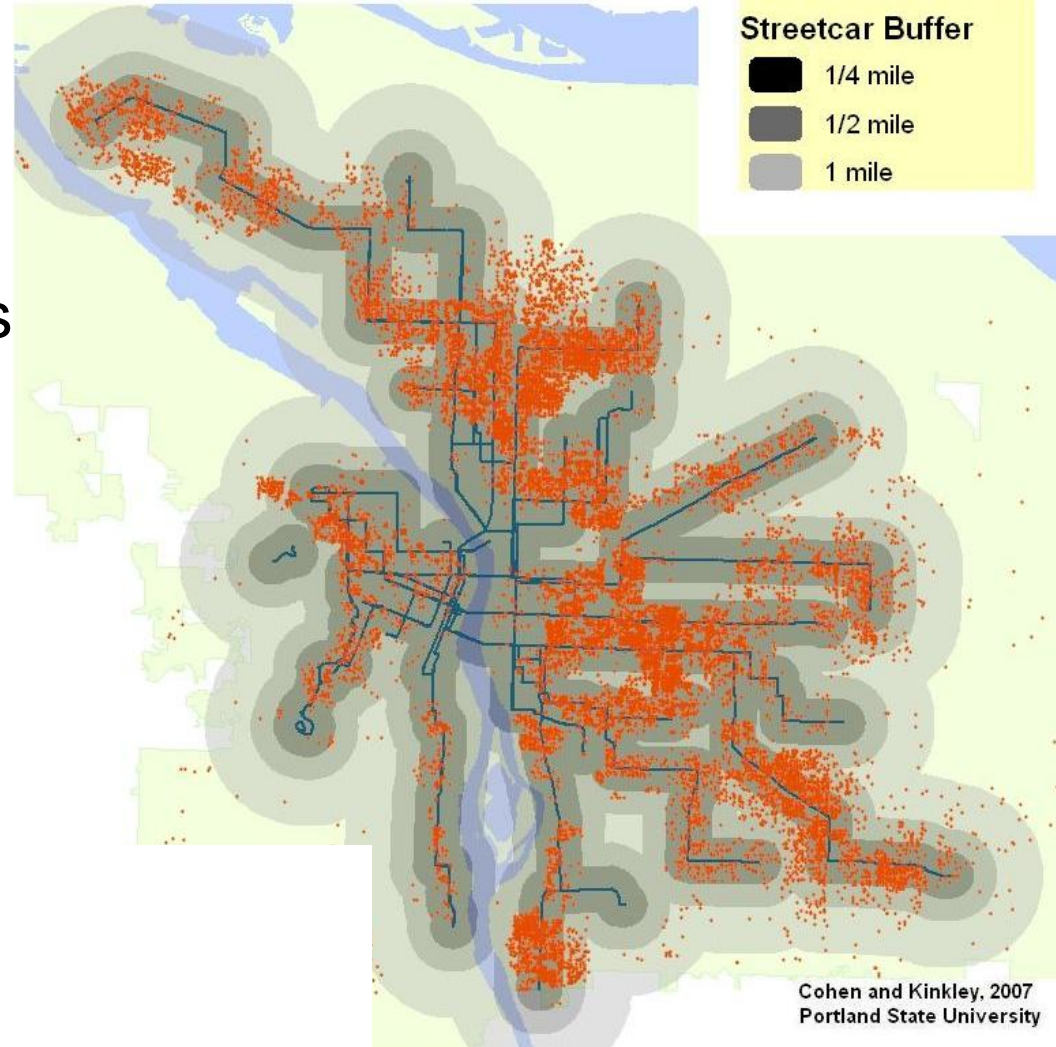


- Business district (today's downtown) was oriented toward the river.
- Horses powered early transportation over roads (wagons, coaches, trolleys, etc.)
- Everything built around walking.
- Narrow streets (and public right of way) with 200 foot blocks.

STREETCARS

- Late-1800s to Mid-1900s
- Streetcars drive development
- Small commercial centers with pedestrian scale residential
- Small blocks on grid – pedestrian oriented
- Front porches are social scene

1900 - 1910 Streetcar Network
Layered on Taxlot Points



EARLY POLICY

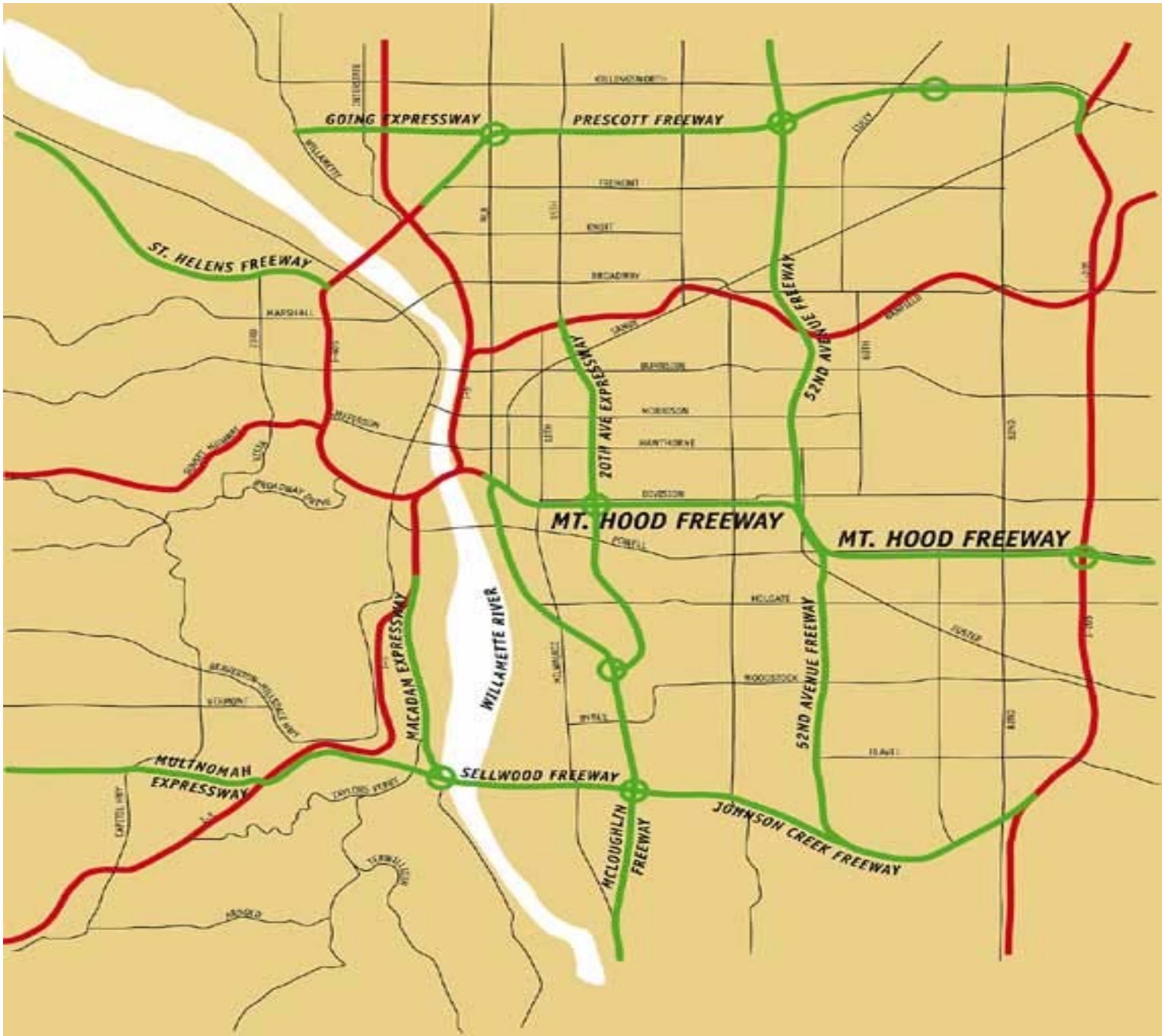
- Land Use Laws
 - Passes 1973
 - Urban Growth Boundaries
 - Exclusive Farm Use Zones
 - 19 Planning Goals (Transportation is #12)
- Land Use Planning – Downtown Portland Plan
 - Waterfront Park
 - Pioneer Square
 - Saturday Market
 - Farmers Market

EARLY POLICY

- Bicycle Bill (and how it affects pedestrians)
 - Passes 1972
 - Mandates “footpaths and bicycle trails” be included when roads are built, reconstructed, or relocated.
 - Largely ignored until 1995 when Bicycle Transportation Alliance sues Portland and wins
- Withdrawal of 1950s highway plan
- Transit Planning

Proposed freeways in green.

Current highways in red.



BEFORE



AFTER





SEOUL, SOUTH KOREA



FUTURE?



PDOT MISSION STATEMENT

The Portland Office of Transportation is the steward of the City's transportation system, and a community partner in shaping a livable city. We plan, build, manage, maintain and advocate for an effective and safe transportation system that provides access and mobility.

PDOT VISION STATEMENT

Portland will have a sustainable transportation system that balances social, economic, and environmental values. Our system will provide safe access and mobility for residents, workers and visitors, and will provide for the

efficient movement of goods. **Individuals will have a broad range of safe and convenient transportation options by which to frequently walk, bicycle, carpool, or ride public transit. Streets are a resource that will also serve other public uses and**

gatherings. This transportation system will provide for a vibrant Central City, thriving commercial and industrial districts, and safe and diverse neighborhoods where Portland residents will want to live and work. The system will be maintained and preserved to support these uses, and to protect the investment made by Portland citizens in the city's transportation infrastructure.

**WATCH
CELEBRATING
PORTLAND MOVIE**

Development of Portland's Bikeway Network



1980

Development of Portland's Bikeway Network



1985

Development of Portland's Bikeway Network



1990

Development of Portland's Bikeway Network



1995

Development of Portland's Bikeway Network



2000

Development of Portland's Bikeway Network



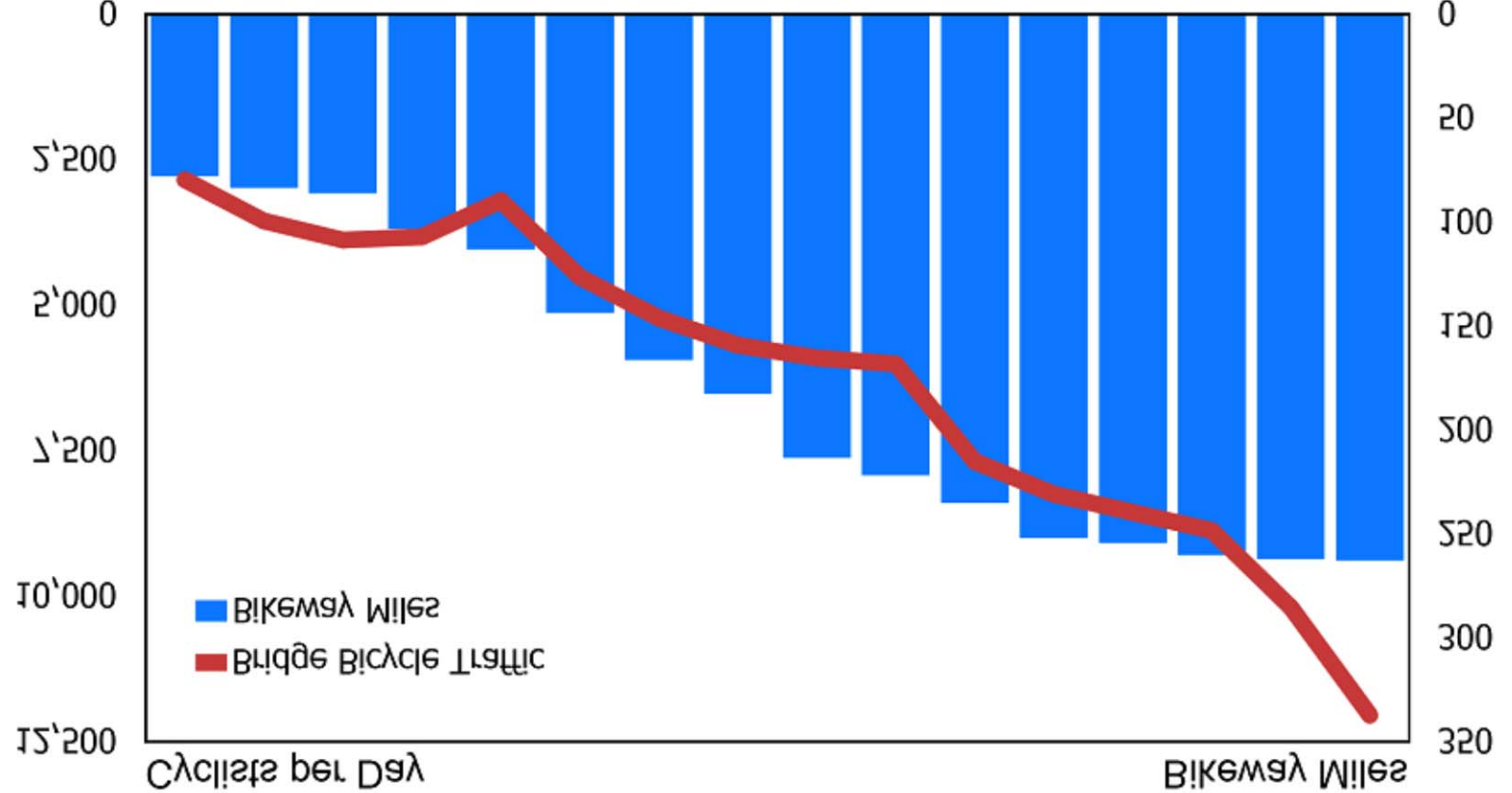
2005

Ինչպես որ արդեն ասեցինք, մեզ օգնեց այն փաստը, որ մենք օգտագործեցինք միջին արժեքները, որոնք համարվում են ավելի ճշգրիտ, քան իրականում ընդհանուրը, քանի որ մենք օգտագործեցինք միջին արժեքները, որոնք համարվում են ավելի ճշգրիտ, քան իրականում ընդհանուրը, քանի որ մենք օգտագործեցինք միջին արժեքները, որոնք համարվում են ավելի ճշգրիտ, քան իրականում ընդհանուրը...

Ելքային տվյալները հիմնված են հետևյալ տվյալների վրա:

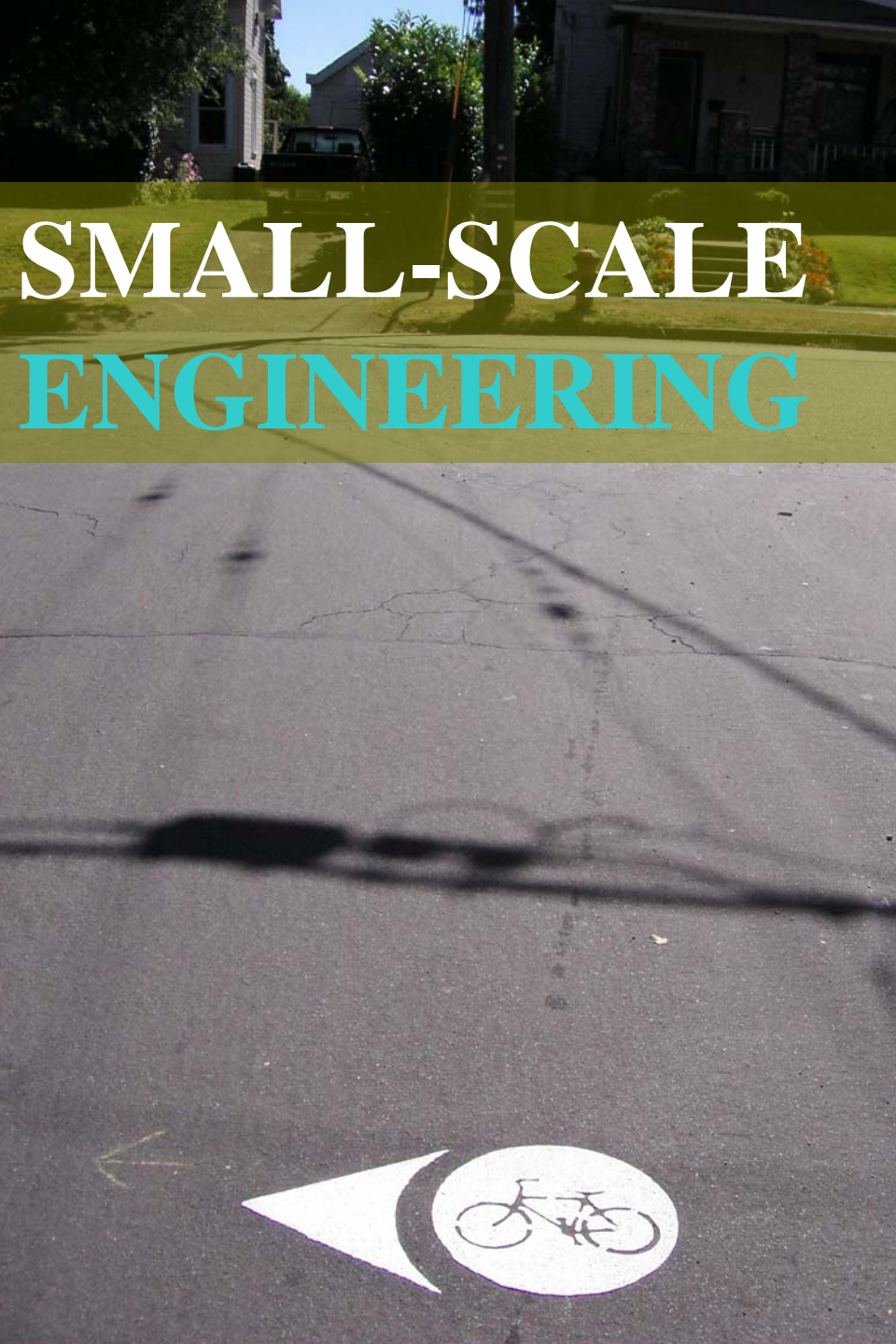
Վճար

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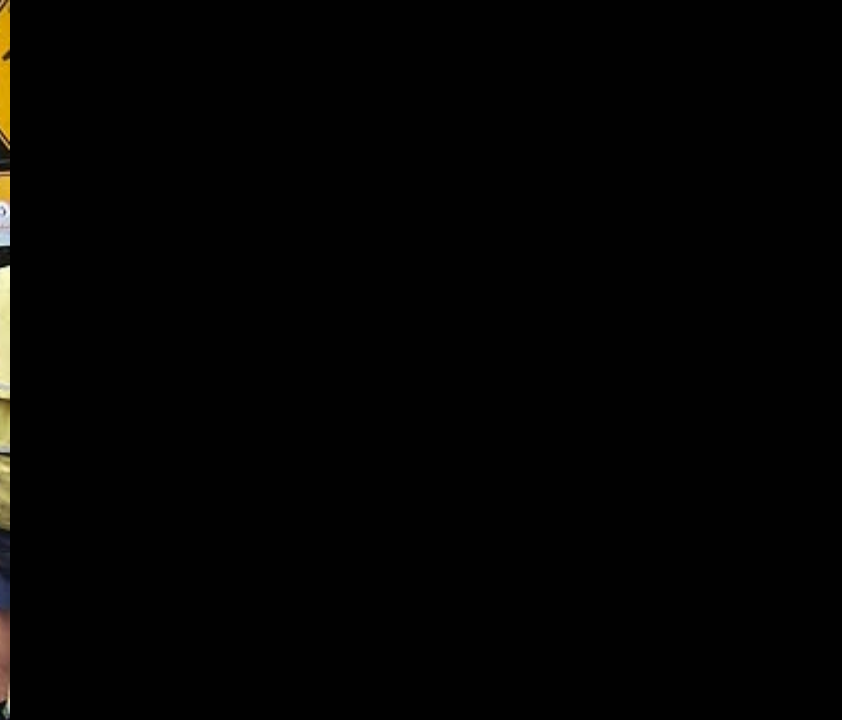


Վճարի ընդհանուր արժեքը միջին Վճարի վրա

Համարվում է, որ Վճարի ընդհանուր արժեքը ավելի ճշգրիտ է, քան Վճարի ընդհանուր արժեքը...



SMALL-SCALE ENGINEERING



ON-STREET BIKE PARKING





**LARGE-SCALE
ENGINEERING**

ENCOURAGEMENT

**WATCH BREAKFAST
ON THE BRIDGES
MOVIE**

BUILDING COMMUNITY



EMPOWERMENT

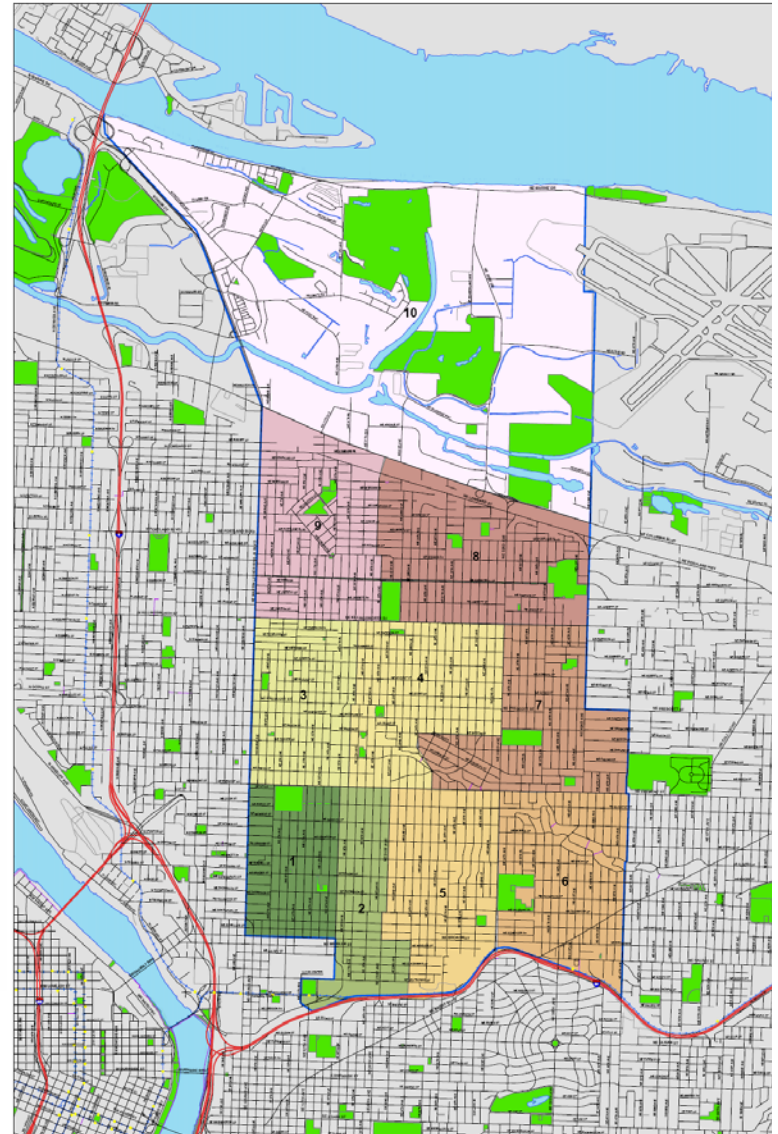
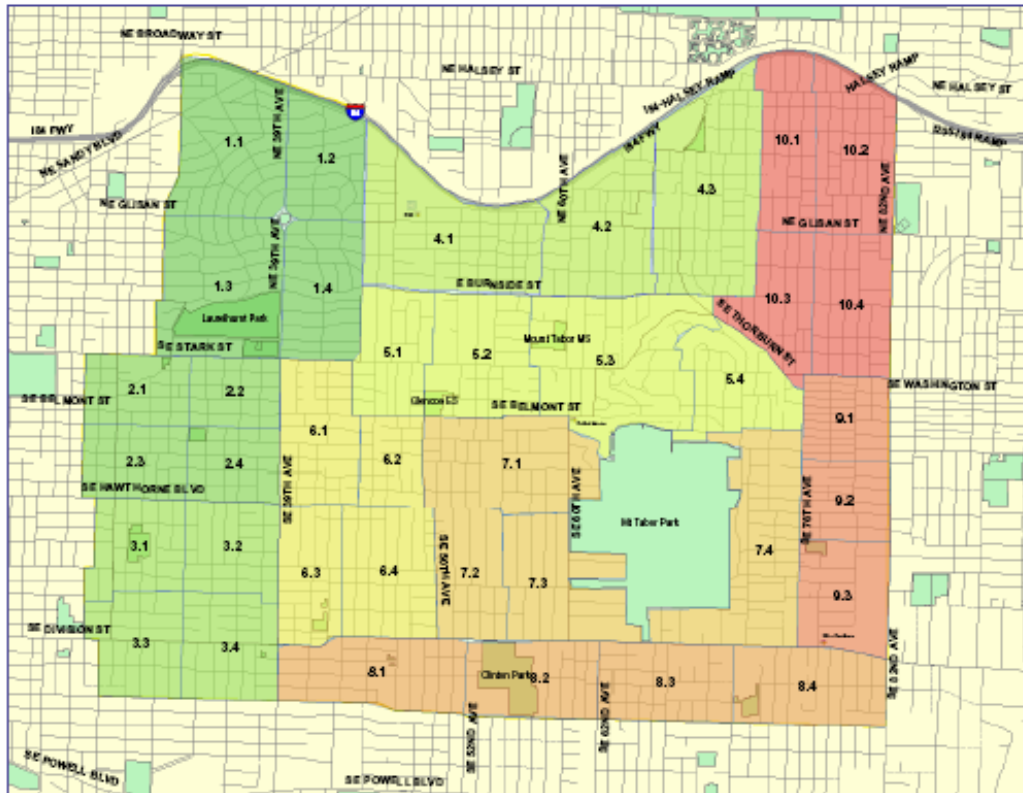


EMPOWERMENT THROUGH COMMUNITY



SmartTrips Goals

- Reduce Drive Alone Trips
- Increase Biking, Walking, Transit, Carpool, & Car Share Trips
- Increase Health and Safety
- Promote Local Business



SmartTrips Order Form



Ready to commit? There's no catch.

We just want you to bike, walk and ride the bus more often.

1. Tell us where to send your tools and your gift

Please print: Name _____
 Address _____ Phone _____
 City _____ State _____ Zip _____ Email _____

Find the **on-line order form**: www.GettingAroundPortland.org
 and click on **Northeast Hub**, and **Travel Tools**

2. Walking

Please check as many boxes as you want

- Ten Toe Express Walking Kit** A free digital pedometer and other incentives to walk for short trips and improve your health too! Includes:
 - Pedometer – count your steps!
 - Walking Logs – keep track of your progress
 - Northeast Portland Walking Map
 - Northeast Portland Walks Schedule
 - Short Tripper – coupon book to walk to local businesses and save money
 - "Walk to the Store" note pads
 - Walk to Wellness – check out these great Northeast Portland programs, classes, and information sources
- NEW Northeast Portland Walking Map** A detailed local area map of walking, bus, MAX, and bike routes
- Northeast Portland Walks Schedule** Get exercise and meet your neighbors on these great walks
- Walk to Wellness** Check out these helpful Northeast Portland programs, classes, and information sources
- Just Move!** American Heart Association guide to physical activity
- Senior Strolls** Designed to be easy and fun, these Wednesday morning walks bring seniors together to explore neighborhood points of interest

3. Bicycling

Please check as many boxes as you want

- Portland By Cycle Biking Kit** Get all you need to start cycling! Includes:
 - Citywide Bicycle Map & Resources
 - Northeast Neighborhood-Friendly Bicycle Map
 - Summer Cycle Neighborhood Bicycle Rides Schedule
 - Short Tripper – coupon book to bike to local businesses and save money
 - The Portland By Cycle Guide
 - TriMet Bikes on Transit Guide
- Women on Bikes** A series of clinics and rides aimed at getting women more familiar with riding
- Summer Cycle Neighborhood Bicycle Rides Schedule** Learn Portland's great bike-ways this summer on these slow-paced bike rides
- City of Portland Bicycle Map & Resources**
- Neighborhood-Friendly Bicycle Maps**
 - Northeast North
 - Southeast Outer Southeast
- The Portland By Cycle Guide** Bicycling tips and rules of the road
- Oregon Cyclist Manual** Rules of the road for cyclists En Español
- A Perfectly Fitted Bicycle Helmet** An illustrated guide En Español
- TriMet Bikes on Transit Guide**

4. TriMet Bus & Max

Please check as many boxes as you want

Bus Schedules

- 6** - MLK Jr Blvd
- 12** - Sandy Blvd
- 75** - 39th Ave/Lombard
- 8** - NE 15th Ave
- 16** - Rivergate/St. Johns
- 77** - Broadway/Halsey
- 9** - Broadway
- 33** - Fremont
- 10** - NE 33rd Ave
- 72** - Killingsworth/82nd Ave

MAX Schedules

- Blue Line** (Hillsboro/Gresham) & **Red Line** (Airport)
- Yellow Line** (N. Portland)

- Trip Tools – A Primer for Using TriMet.org** Includes easy-to-use features like trip planning and next arrivals, plus news, maps, and schedules
- Honored Citizens Transportation Guide** Your transit guide for seniors and people with disabilities
- Personalized Transit Tracker Card** We'll send you the Stop ID number for the closest bus stop to your home so you can call to find out when the next bus or MAX is coming in real time

5. Even more Transportation Options

Please check as many boxes as you want

- Smart Living Class Schedule** Eight free classes on topics like bike repair and biodiesel conversion
- Flexcar** Sometimes you just need a car. Portland's car-sharing program, Flexcar, provides the freedom and mobility of a car without the cost and hassles of ownership
- CarpoolMatchNW.org** Learn about this easy-to-use online ride matching service – share a ride to work or school
- SchoolPool – Carpool to School** Match up with other parents at your child's elementary or middle school
- Driver Safety Information** Useful information geared towards the older driver

6. More ways to conserve

Save Water! Save Money! Water conservation kits from the Portland Water Bureau will help you cut down your water consumption – in the house and yard.

- Indoor conservation kit includes:**
 - Home Water Use Audit – in under one hour, the audit will help you locate leaks and figure water usage for showering and laundry so you can save money and water.
 - Bathroom Conservation Kit – save water each time you flush, check for toilet leaks, and reduce bathroom faucet flows
 - Kitchen Faucet Aerator – great pressure, smart use of water
- Outdoor conservation kit includes:**
 - Rain Gauge – measure rain or your sprinkler flow
 - Hose Nozzle – quality metal nozzle. Rust resistant with a 6-option spray
 - Aqua Cone – get water to the roots of your favorite plant

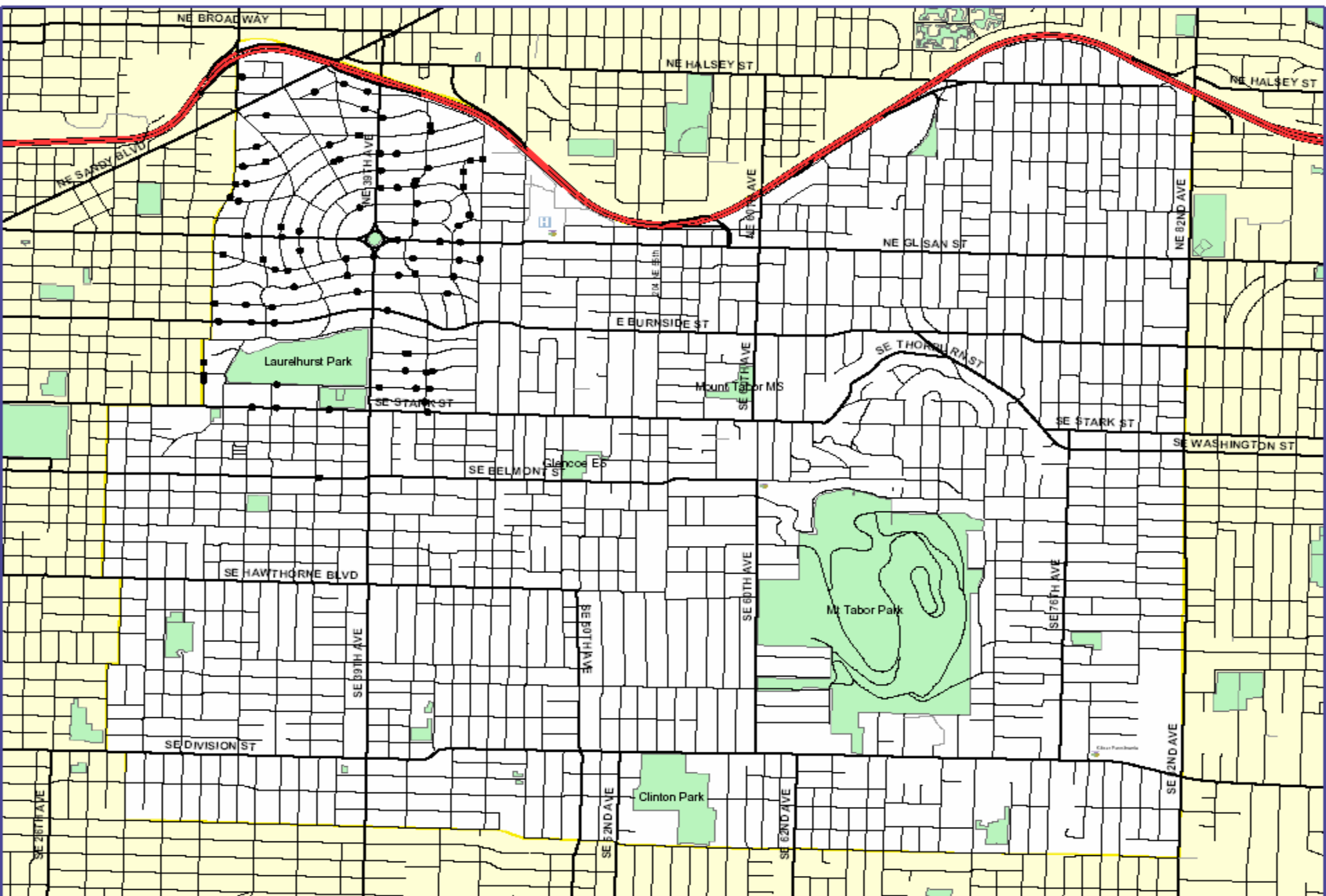
7. Pick your free gift

Send your order now to receive one of these great gifts! (while supplies last)

Select your first and second choice and then mail this form back to us:

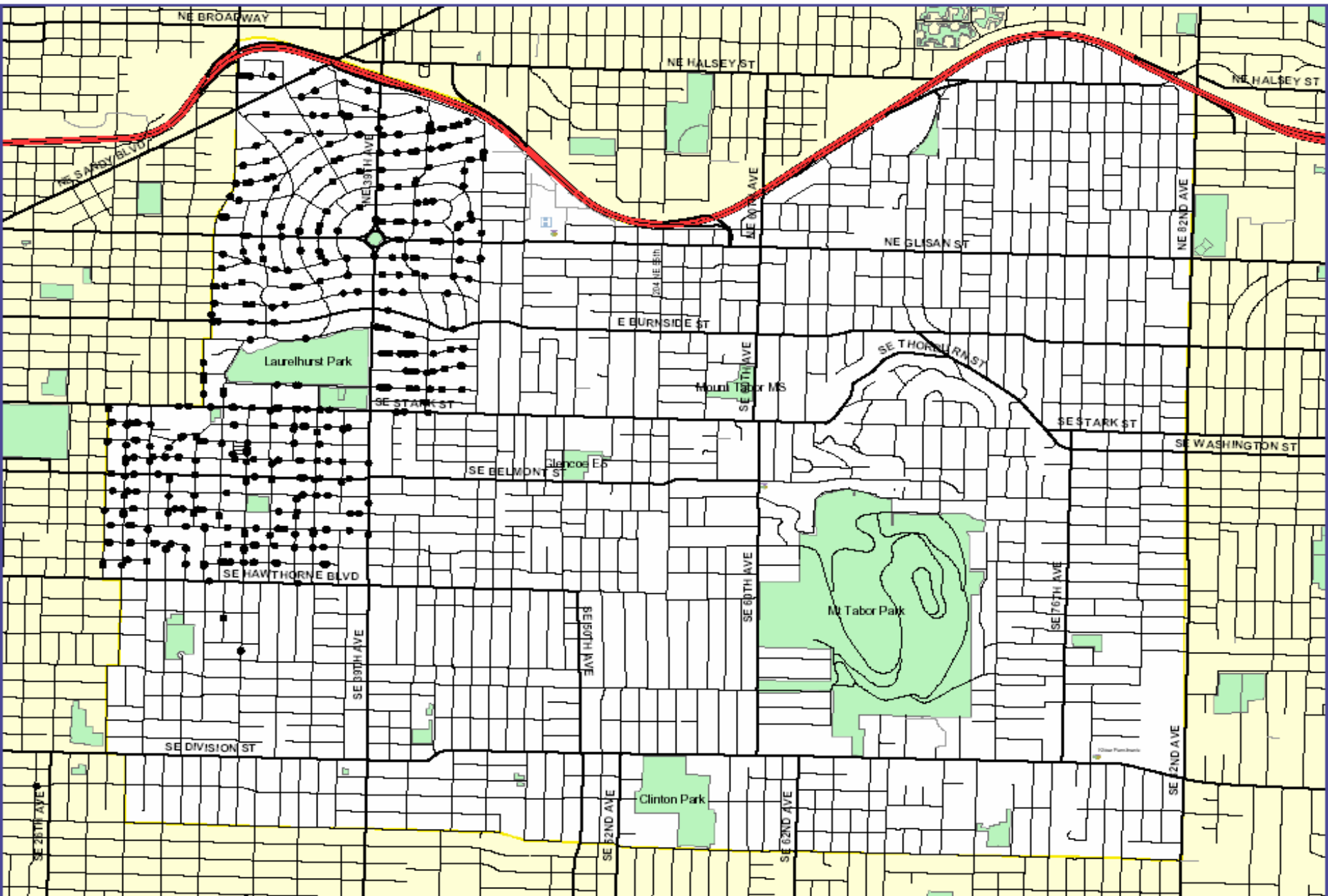
- TravelSmart Umbrella**
With a lifetime warranty, this red umbrella is excellent for getting around Portland on rainy days!
- Cyclometer**
Count your miles on bicycle!
- Transportation Options T-Shirt**
Choose L or XL
- Portland Hill Walks book**
From Portland's own Timber Press www.timberpress.com

Returns by Week in the Eastside Hub



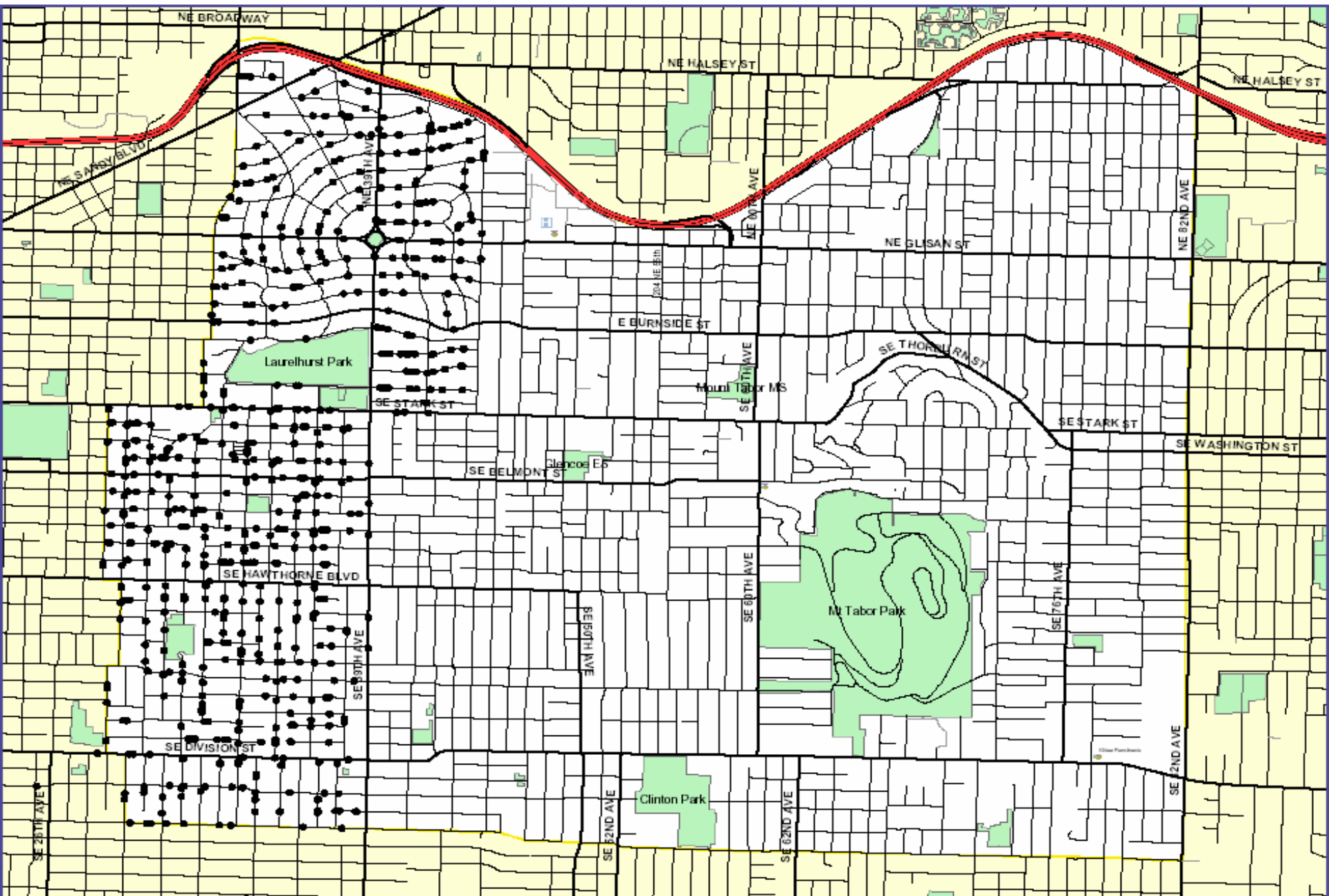
Week 1: 89 Returns

Returns by Week in the Eastside Hub



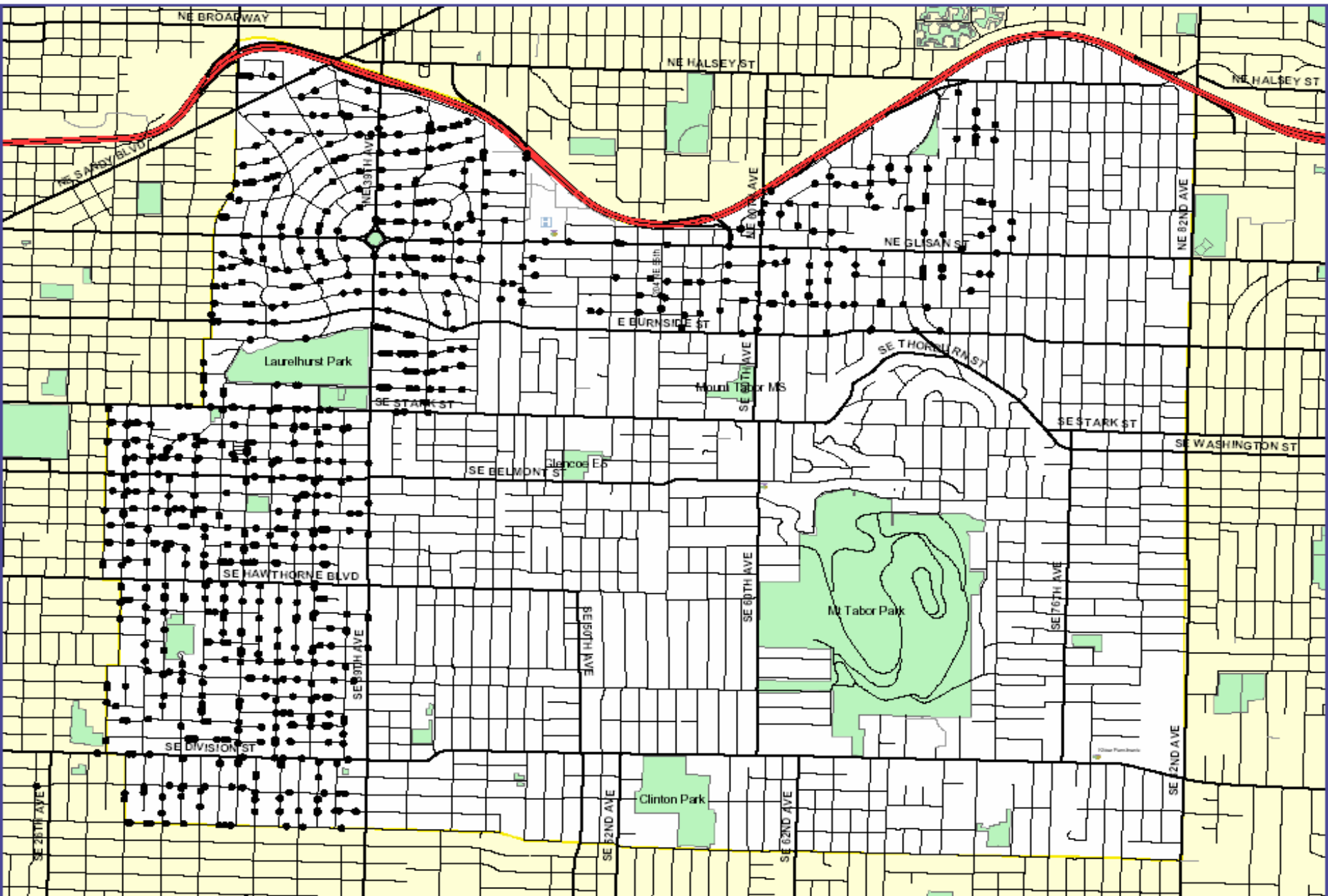
Week 2: 366 Returns

Returns by Week in the Eastside Hub



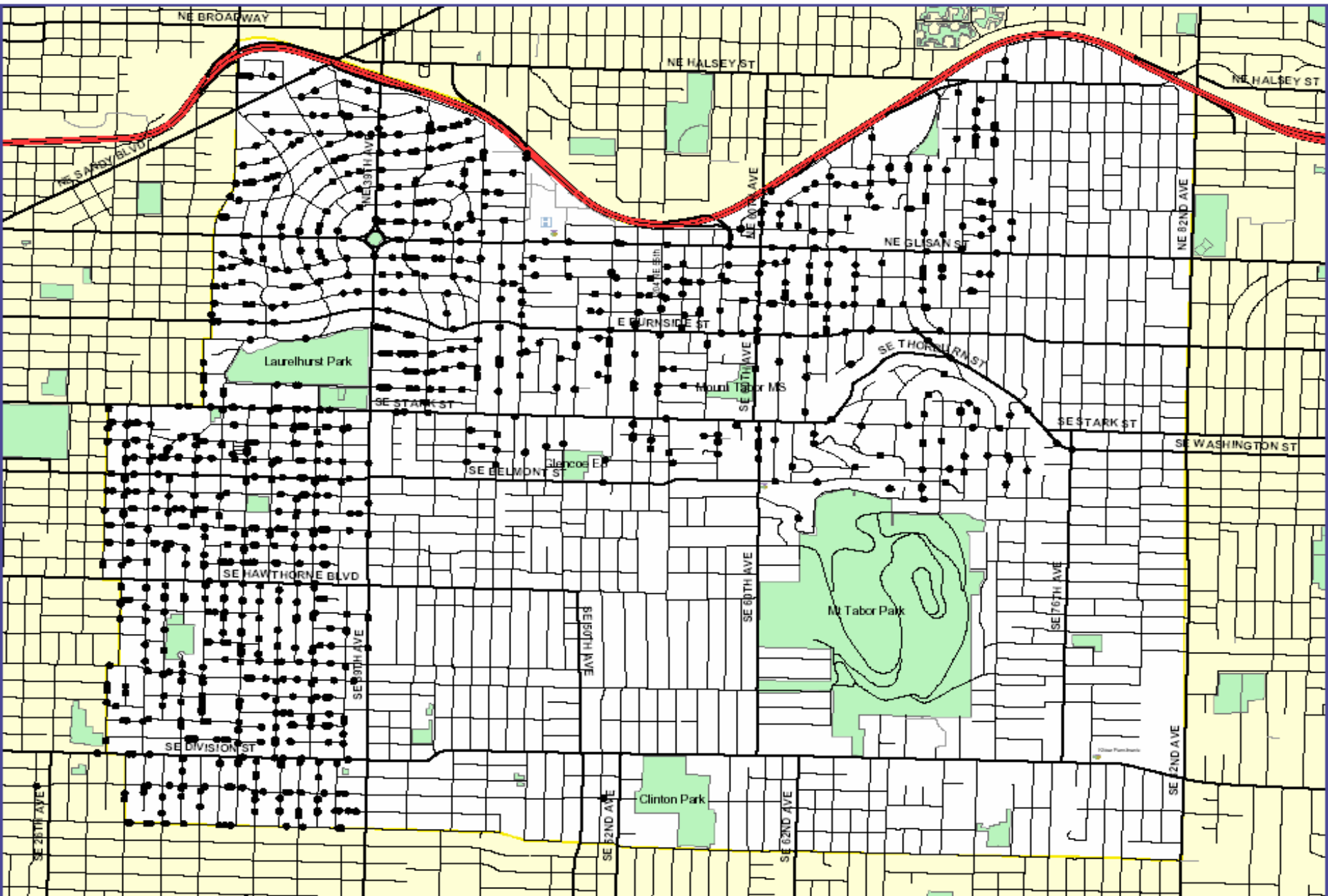
Week 3: 266 Returns

Returns by Week in the Eastside Hub



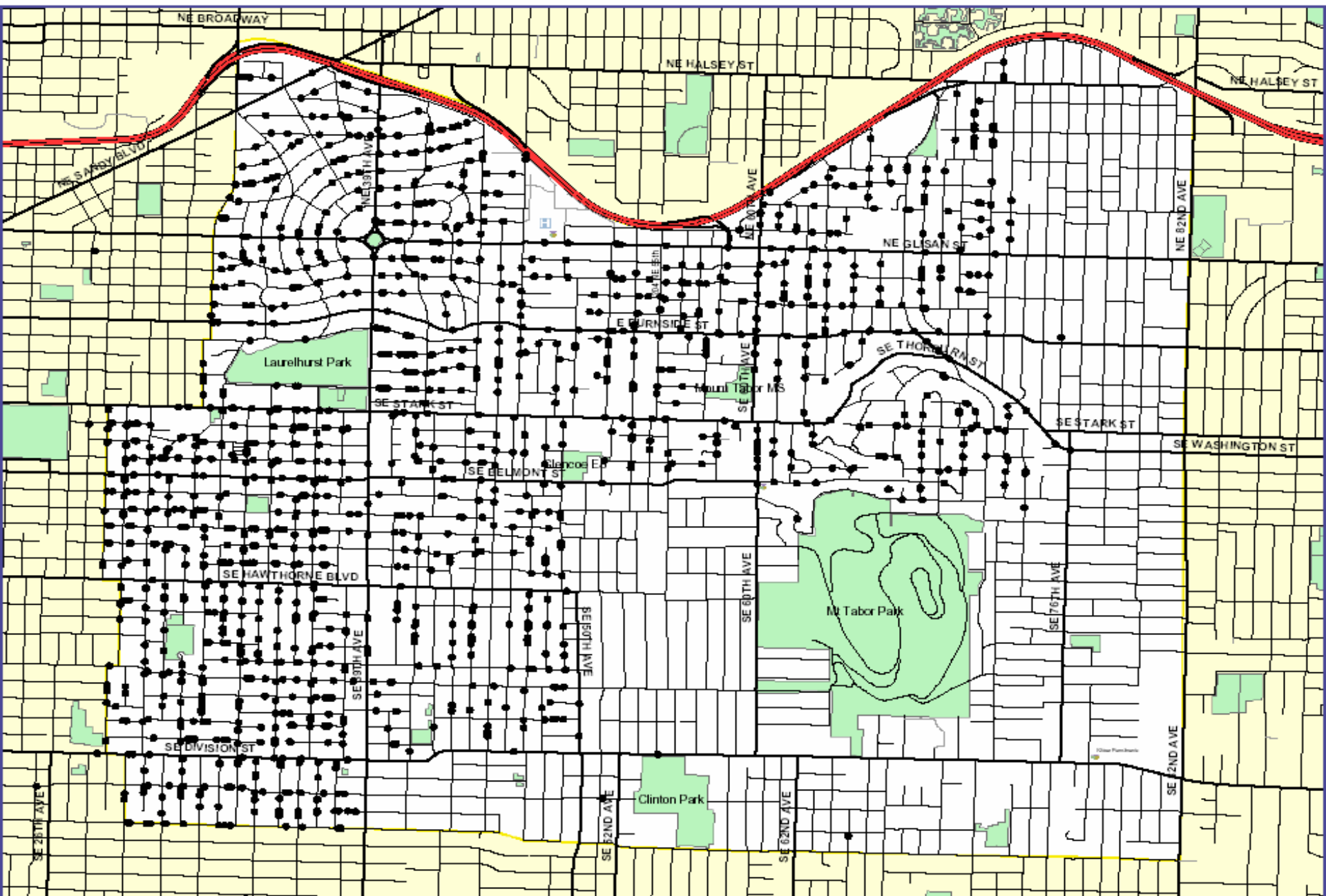
Week 4: 232 Returns

Returns by Week in the Eastside Hub



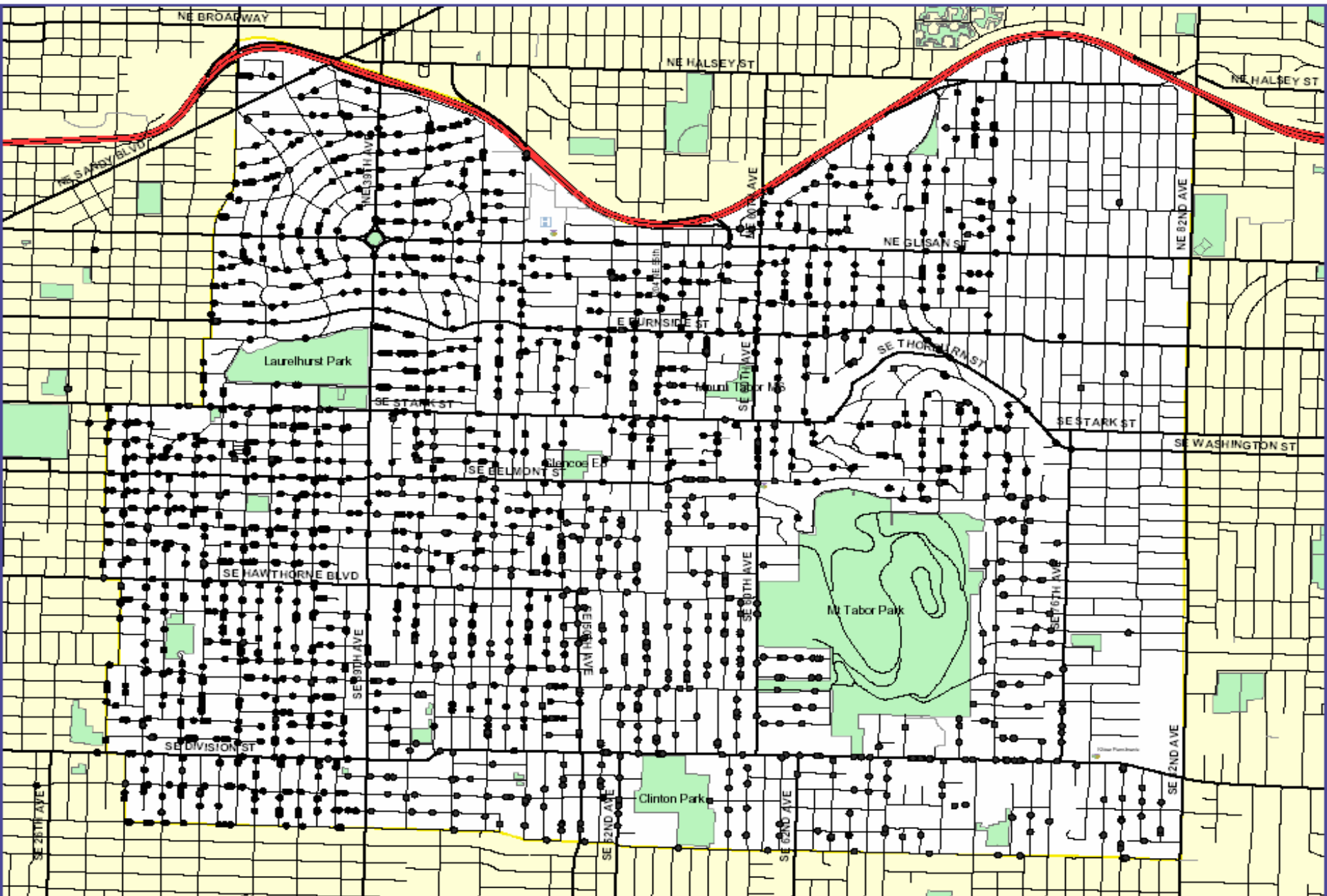
Week 5: 305 Returns

Returns by Week in the Eastside Hub



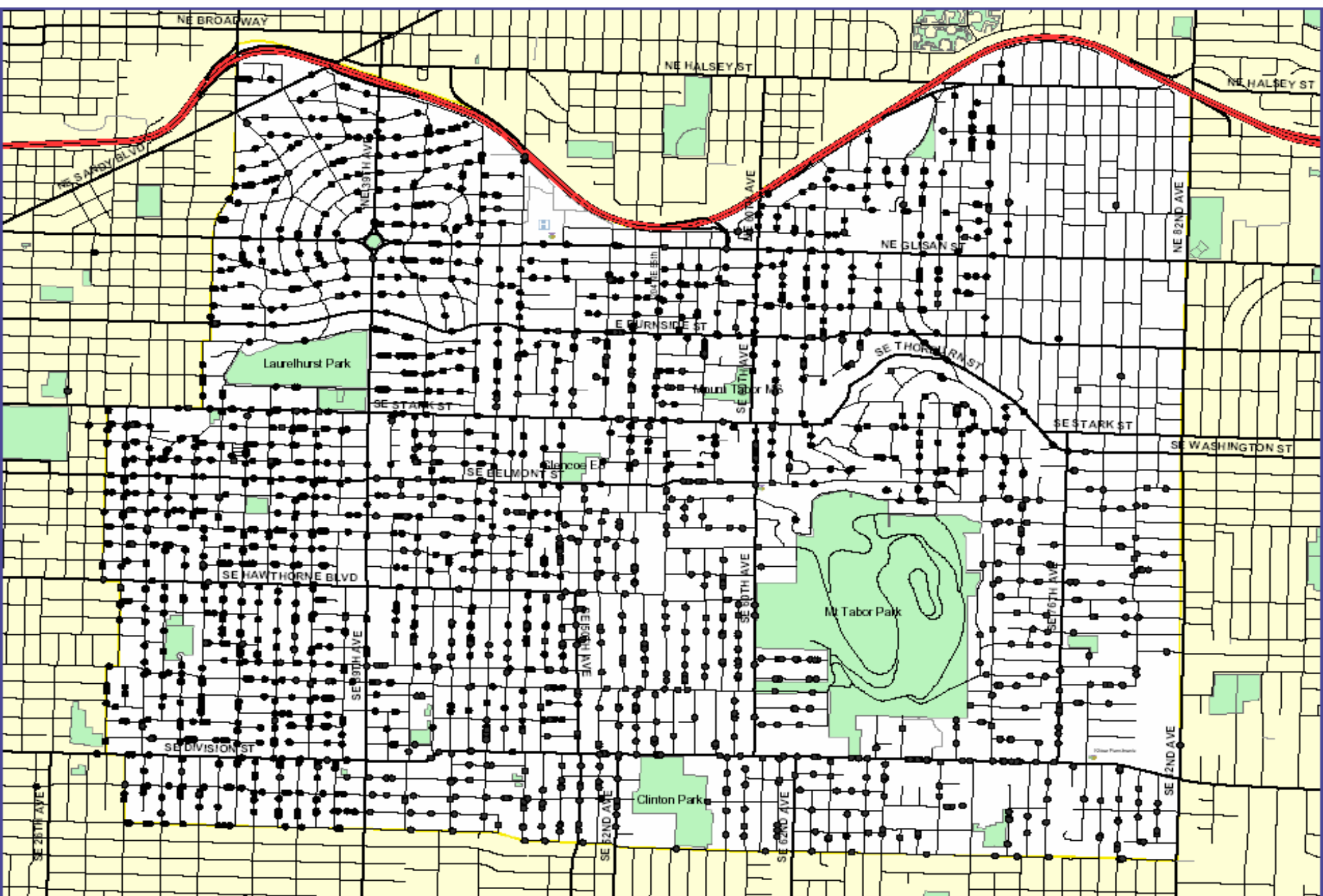
Week 6: 340 Returns

Returns by Week in the Eastside Hub



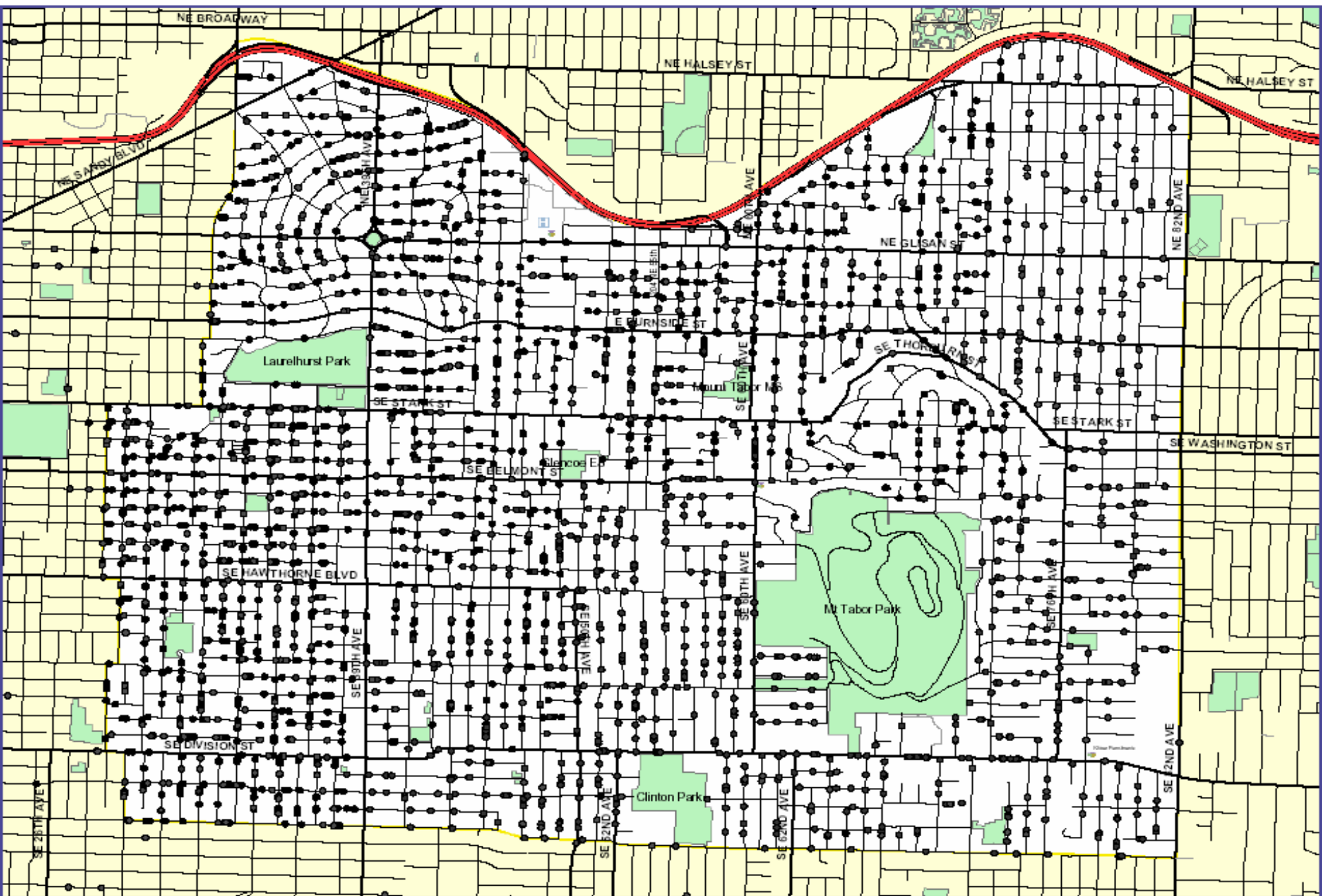
Week 8: 254 Returns

Returns by Week in the Eastside Hub



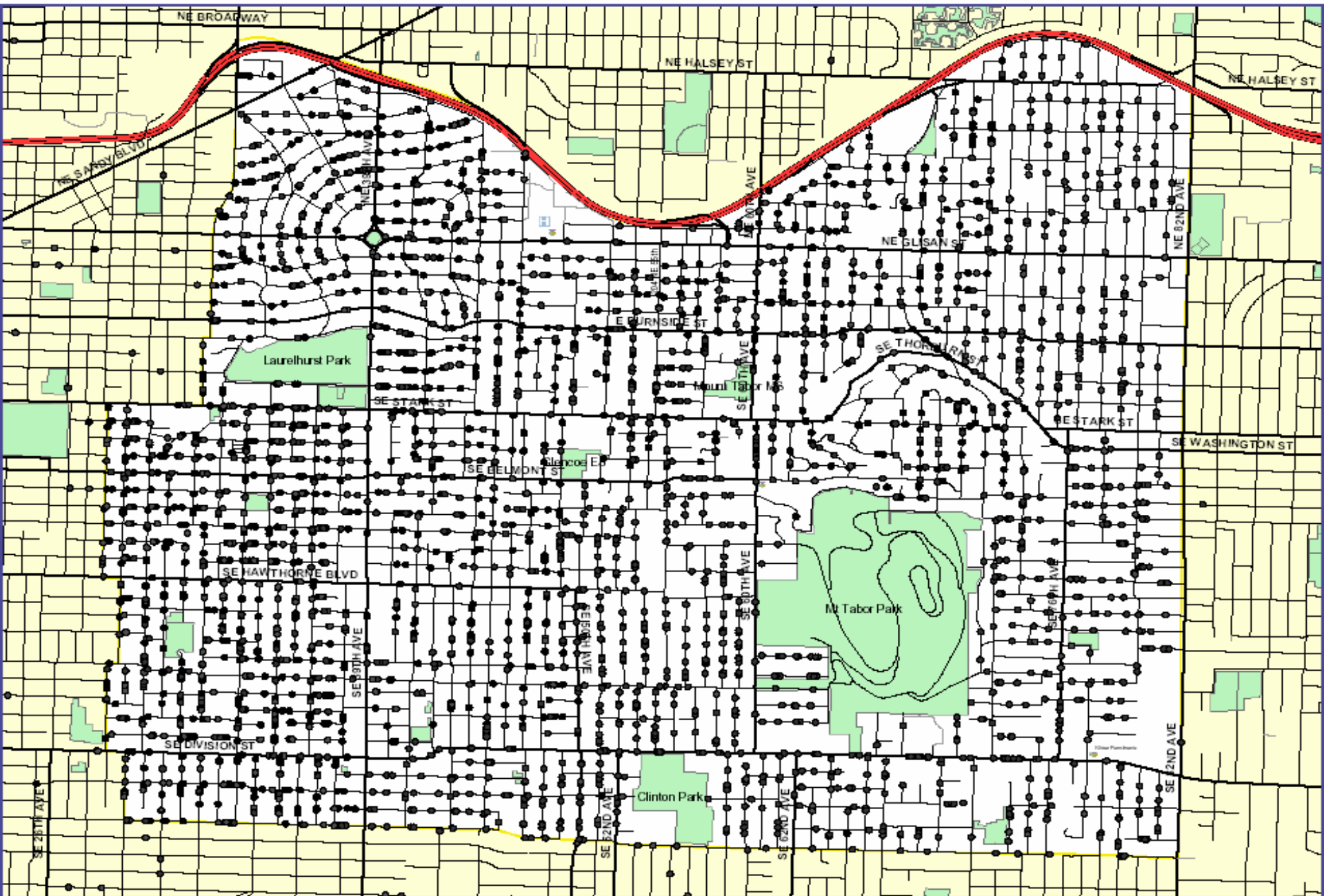
Week 9: 175 Returns

Returns by Week in the Eastside Hub



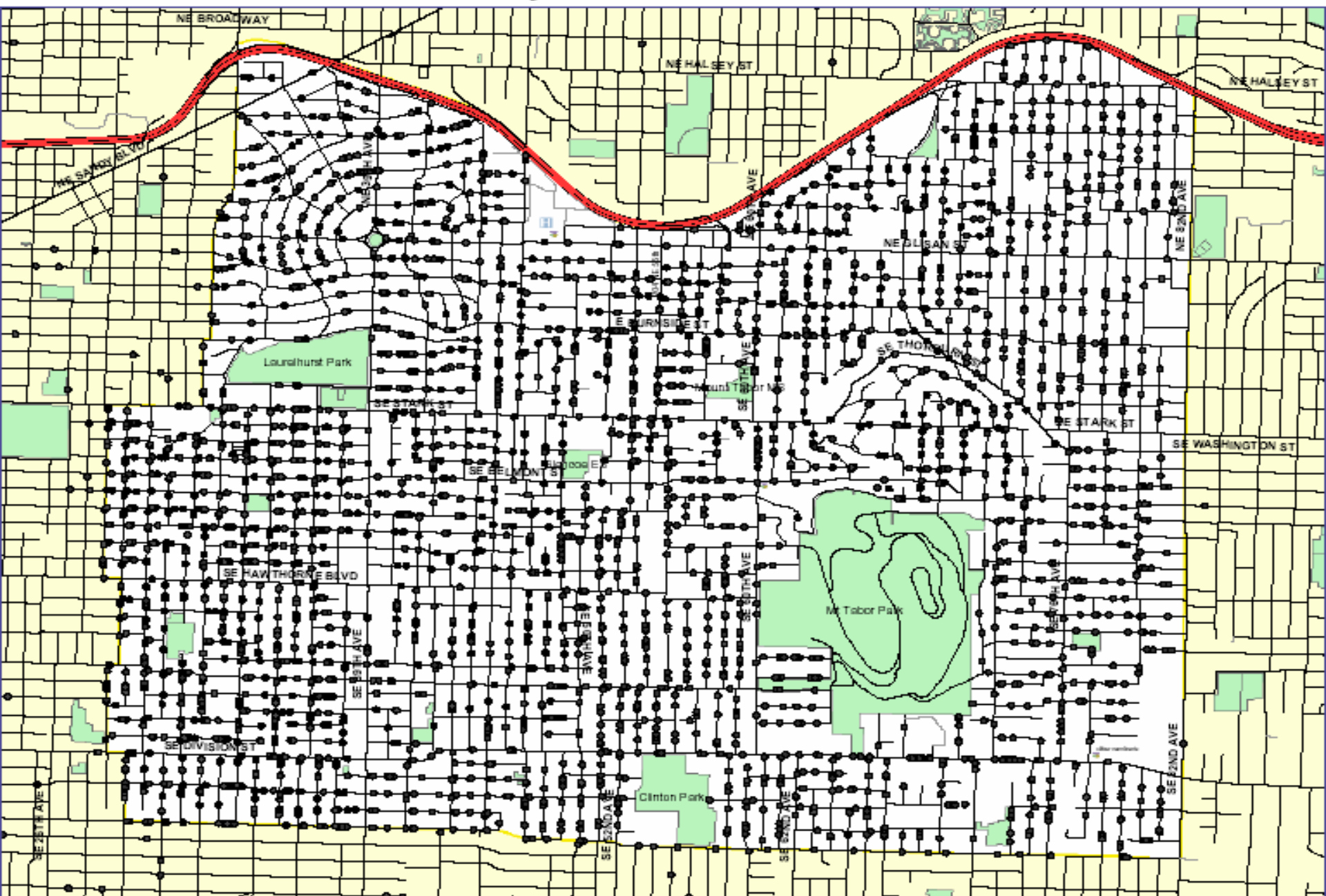
Week 10: 679 Returns

Returns by Week in the Eastside Hub



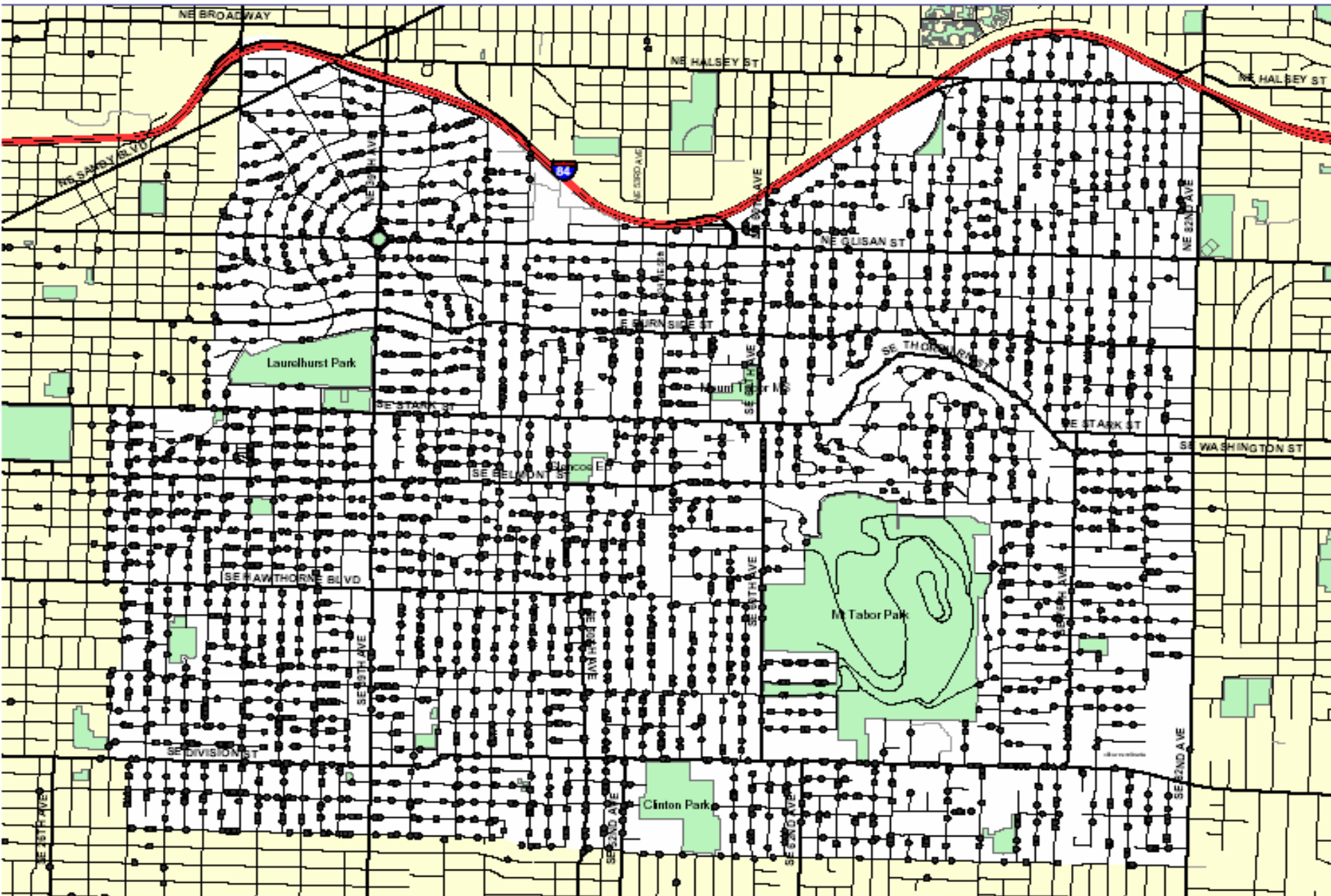
Week 12: 564 Returns

Returns by Week in the Eastside Hub



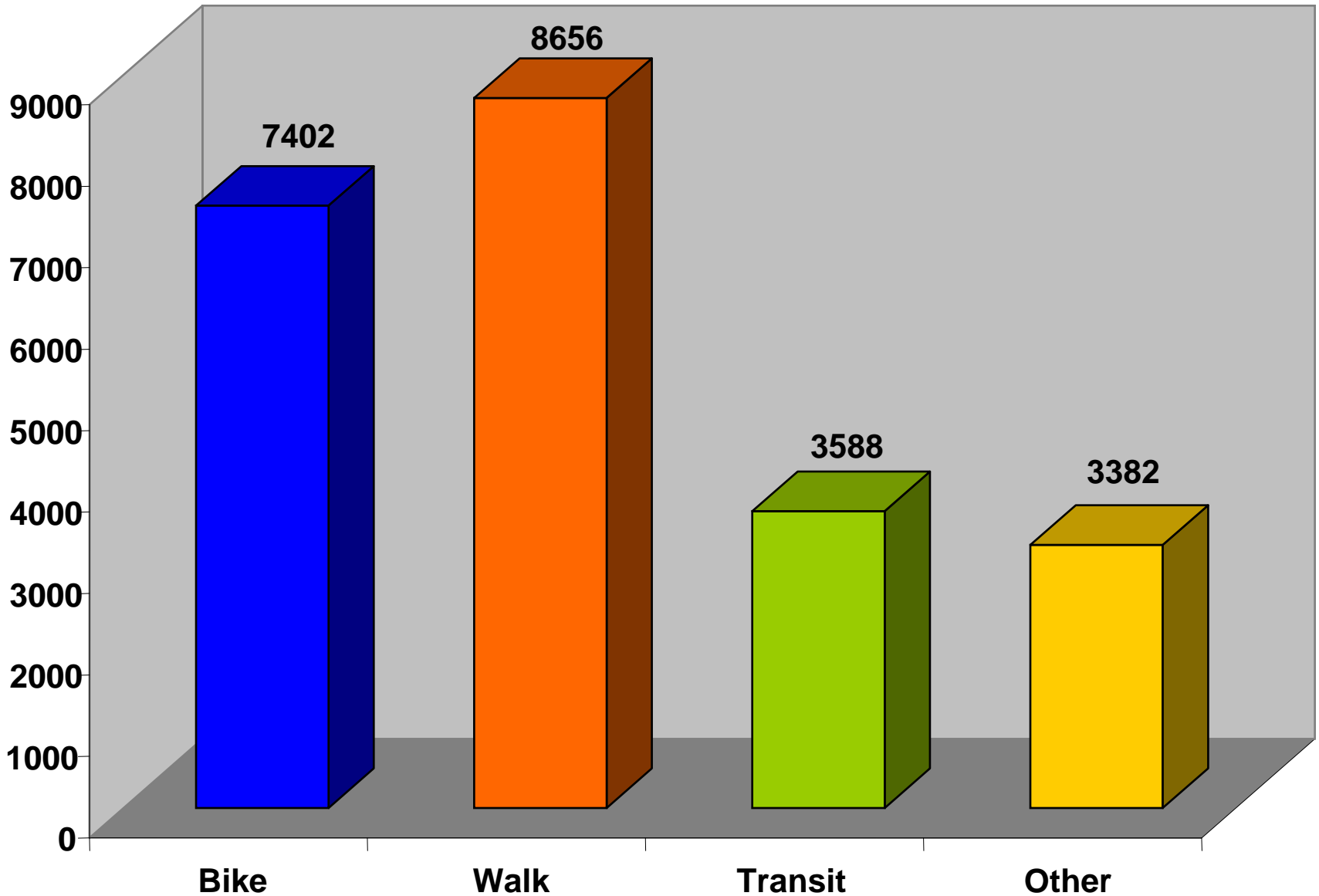
Week 13: 252 Returns

Returns by Week in the Eastside Hub

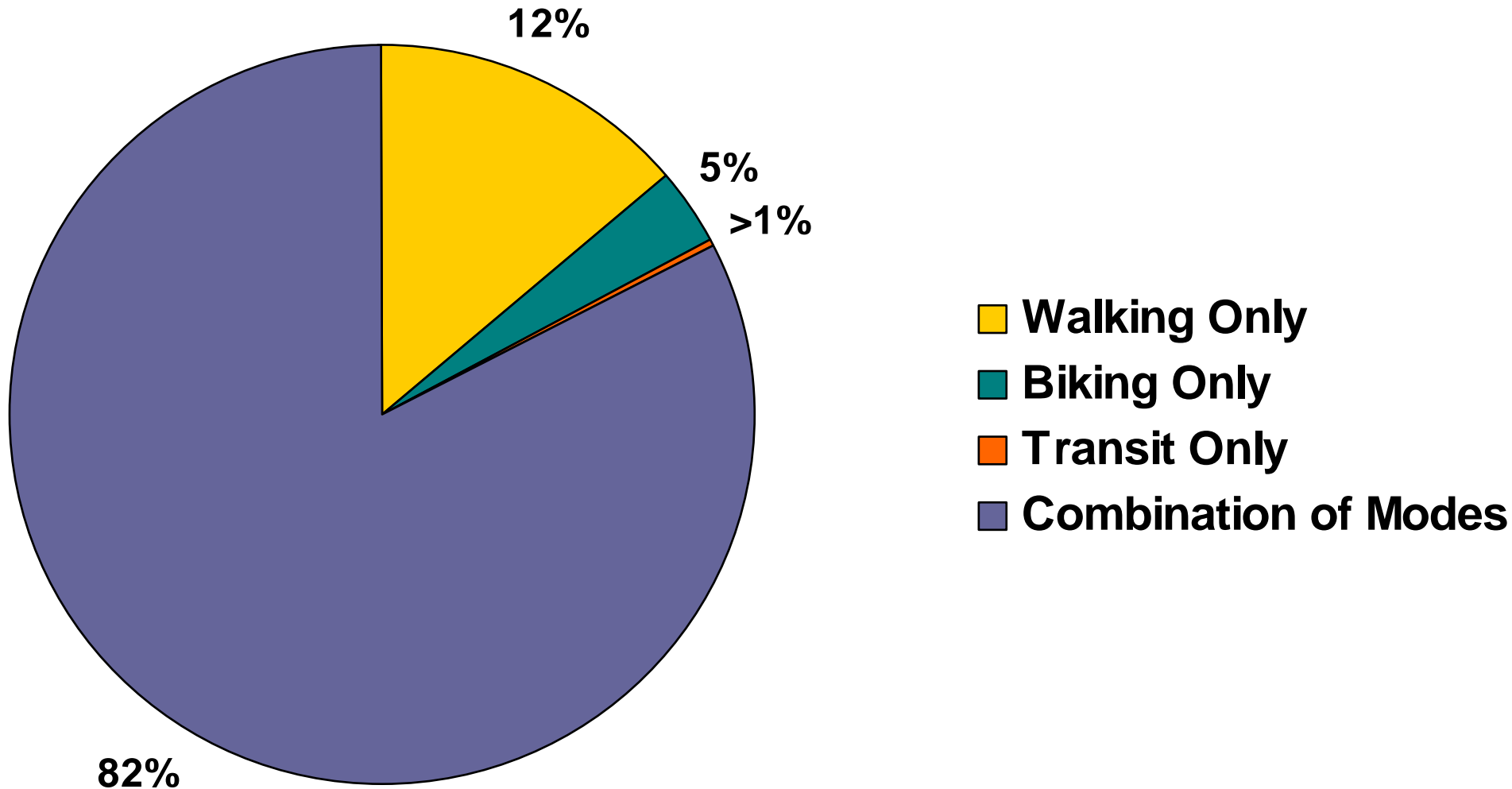


Week 22: Total of 4,702 Returns

Materials Ordered by Mode



Most common order was for a combination of modes



Hands-On Programs



Ten Toe Express Walks



**20 neighborhood
walks. 400
participants!**

10 Portland By Cycle Classes



Free bike helmet fittings
and bike tune-ups



Small Business Outreach

Get to Work...

**...by bike, by bus,
by foot, by MAX**

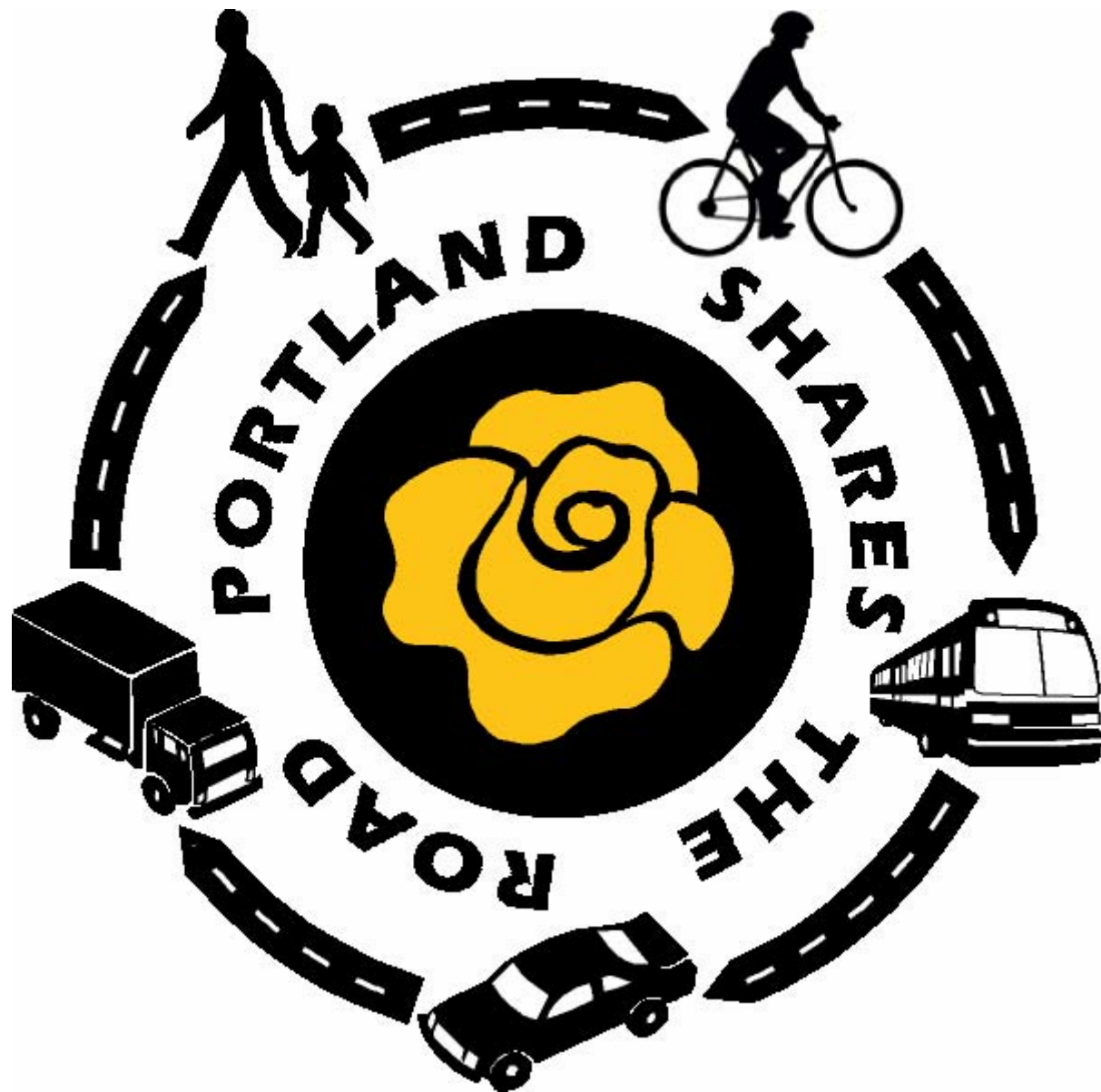
Transportation options for
improving your business



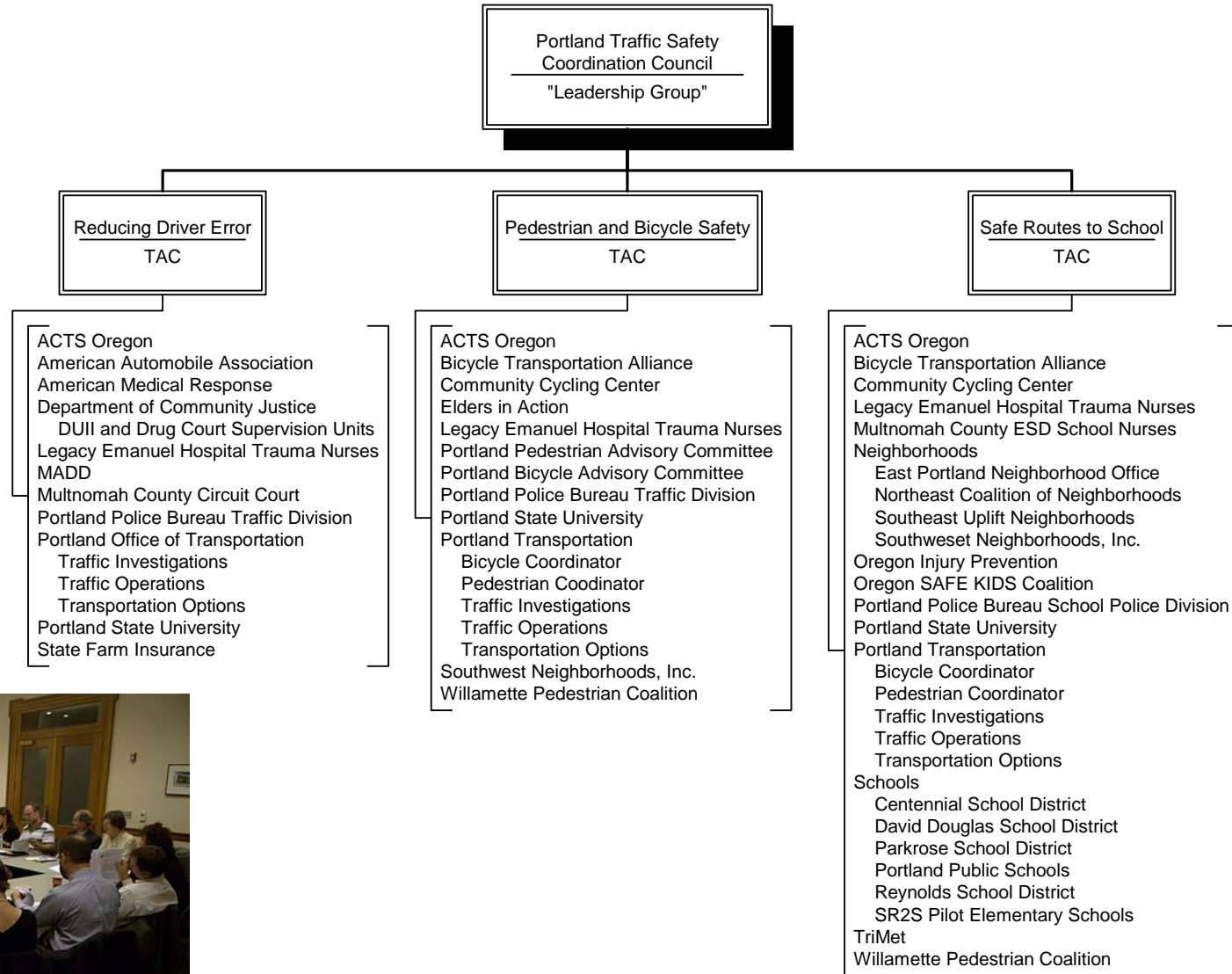
Program Budget and Costs

Total Program Cash Outlay

\$319,000



IT'S ABOUT PARTNERSHIPS!

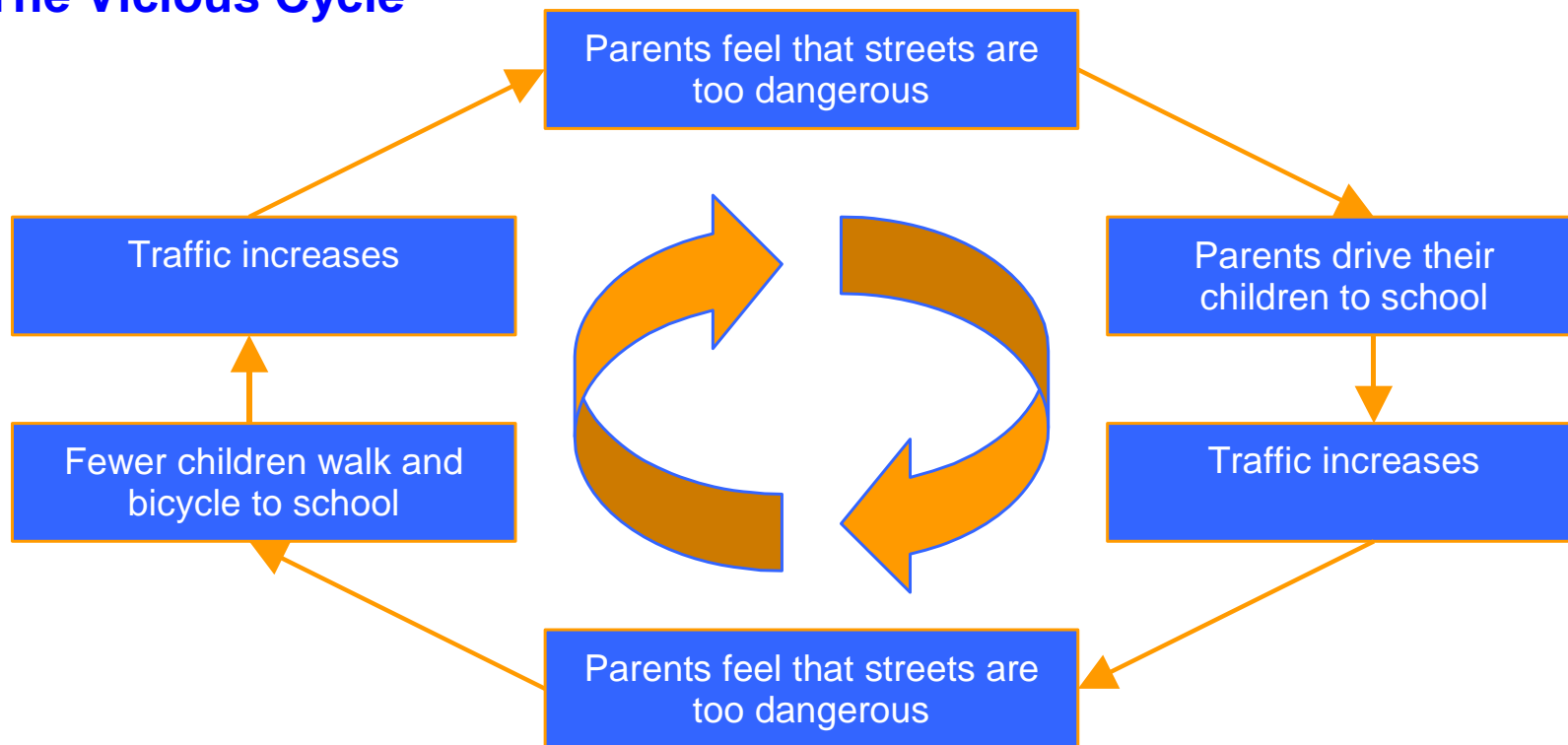


IT'S ABOUT PARTNERSHIPS!

- DUI Task Force
 - Tackling complex issues
- Safe Routes to School
 - Building robust, sustainable programs
- I Share the Road
 - Rapid response
- Enforcement
 - Deploying politically challenging solutions

SAFE ROUTES TO SCHOOL

The Vicious Cycle



SR2S: the basic process

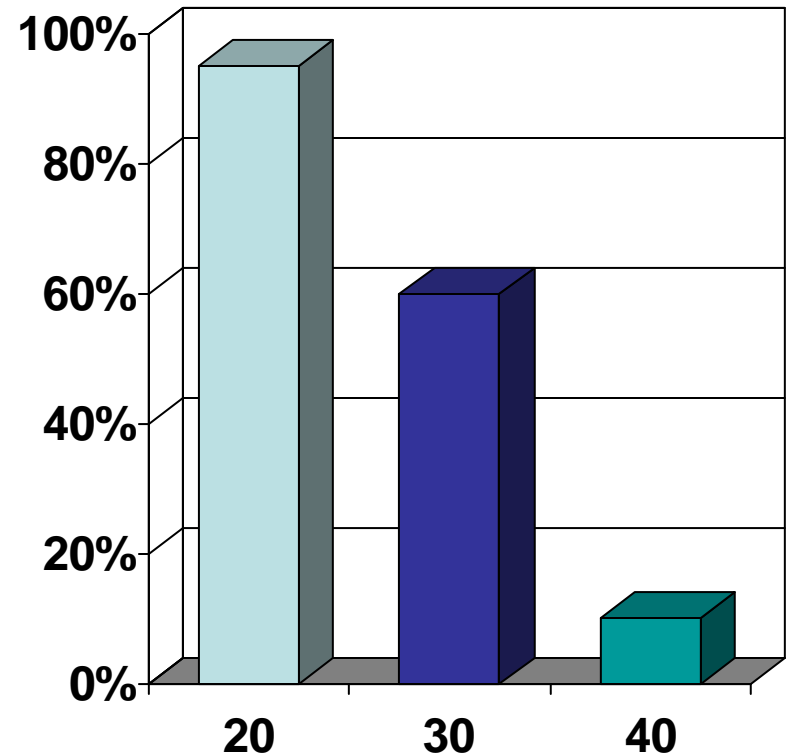
- 1 Form a School Team
- 2 Survey behaviors, attitudes, and existing routes
- 3 Map existing routes
- 4 Evaluate current conditions
- 5 Identify and select immediate improvement measures
- 6 Identify and map recommended routes
- 7 Develop a longer term project list and funding plan



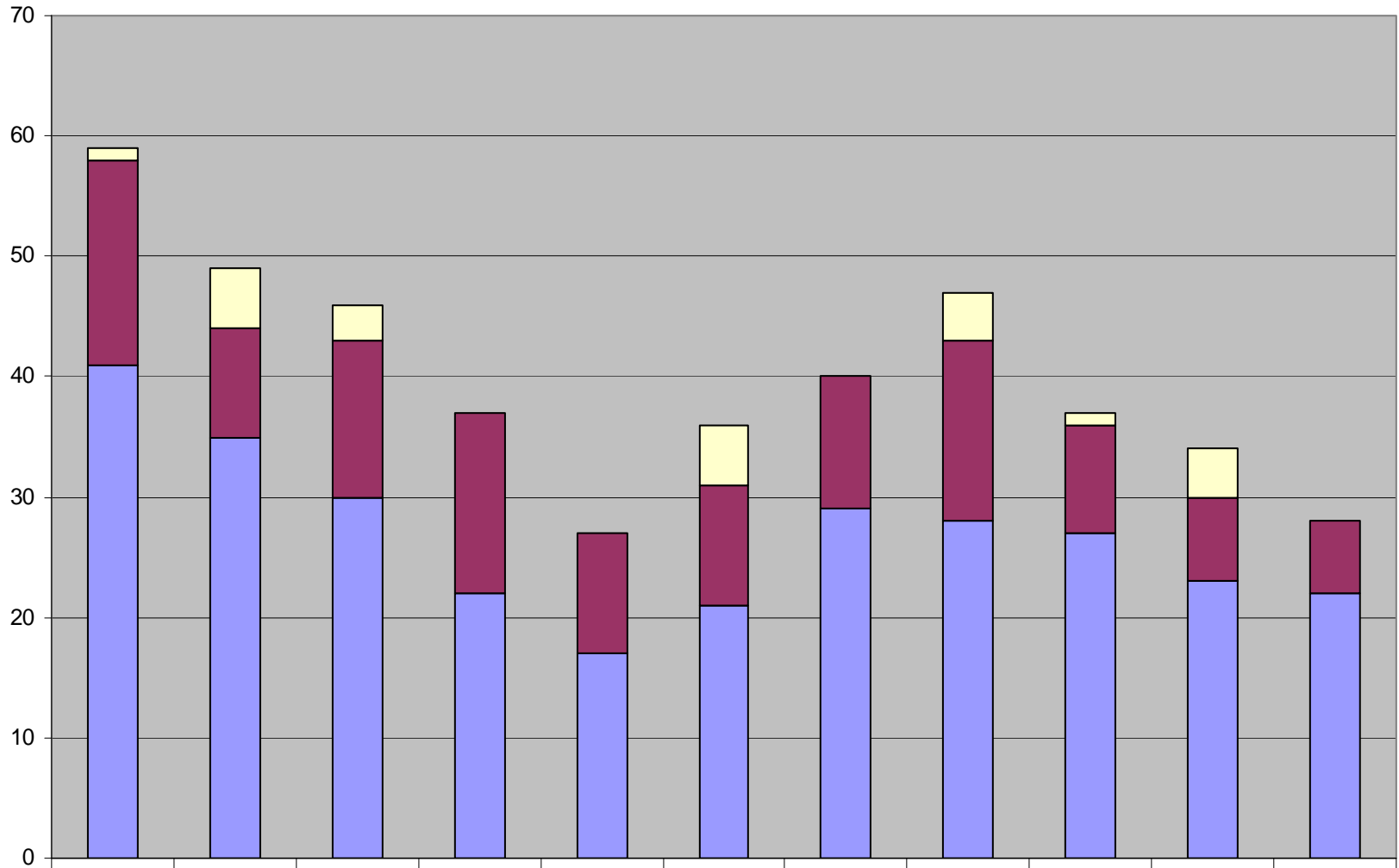
TRAFFIC CALMING

- Is there a problem?
- Can we fix it?
- Inclusive process.
- Finance Issues
- Consistent Product
- Speed bumps reduce speed to posted limit
- Spillover effect seems to be happening

Survival Rate for A Pedestrian Struck by a Vehicle



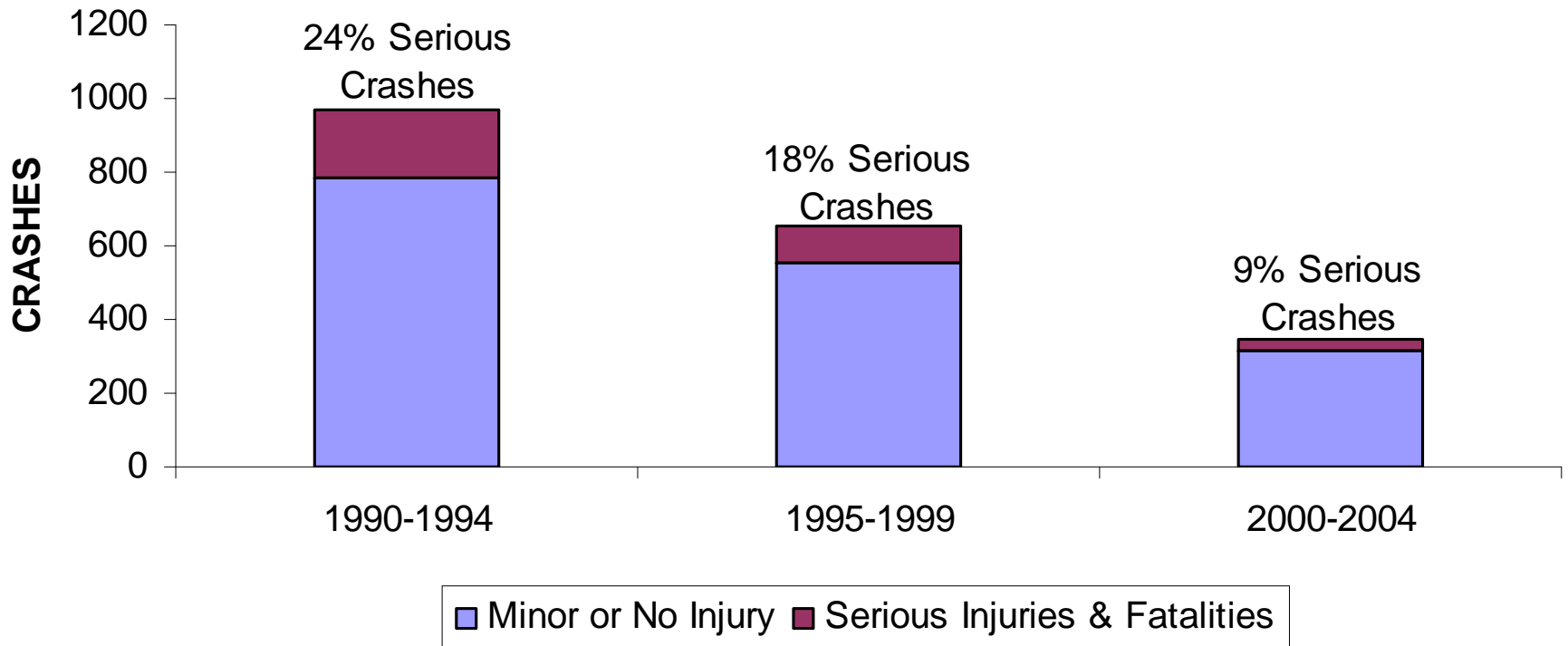
DECLINING FATAL TRENDS



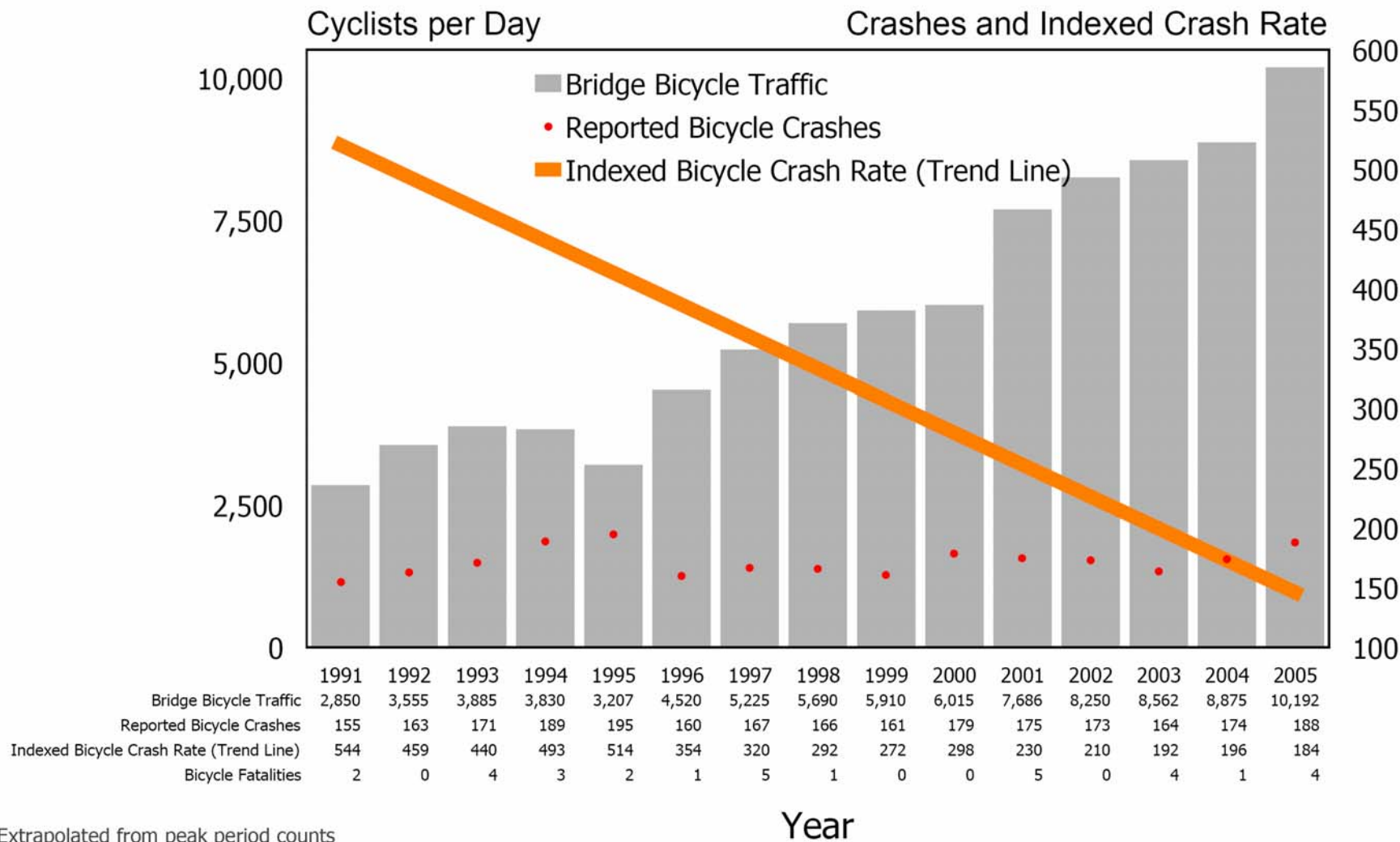
□ Bike Fatal	1	5	3	0	0	5	0	4	1	4	0
■ Ped Fatal	17	9	13	15	10	10	11	15	9	7	6
■ Motorist Fatal	41	35	30	22	17	21	29	28	27	23	22

Declining Child Pedestrian and Bicycle Crash Rate

REPORTED PEDESTRIAN AND BICYCLE CRASHES
Children under 18 in Portland



Combined Bicycle Traffic over Four Main Portland Bicycle Bridges Juxtaposed with Bicycle Crashes

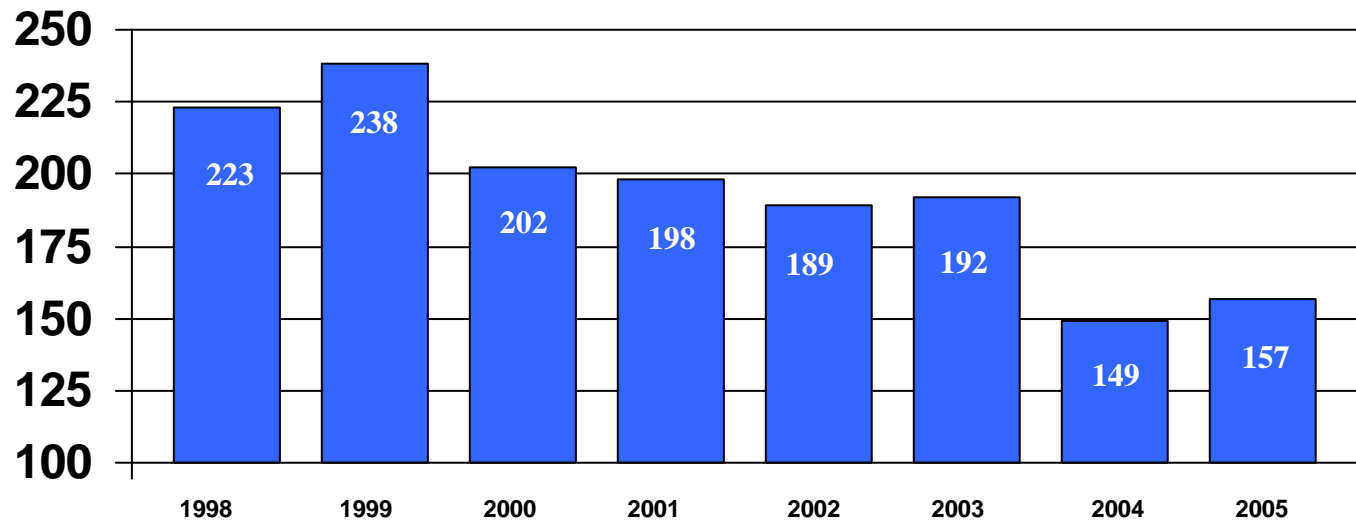


Extrapolated from peak period counts

"Crash Rate" represents an indexing of annual reported crashes to daily bicycle trips across the four main bicycle bridges.

Declining Pedestrian Crash Rate / Increased Transit Ridership

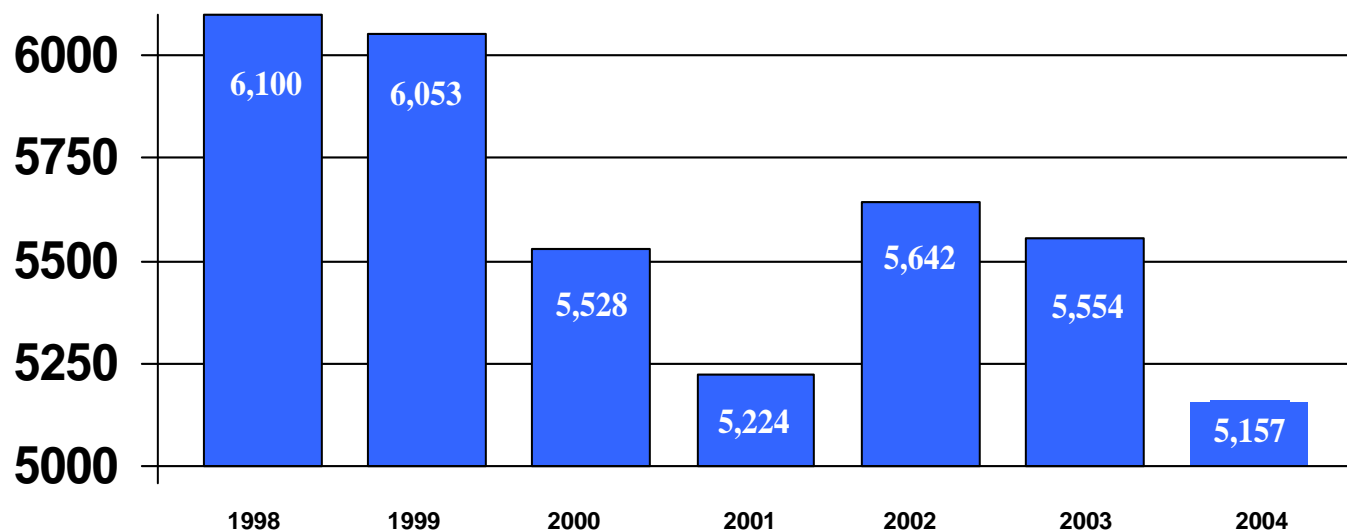
Pedestrian Injuries in City of Portland



- The pedestrian crash rate declined 38% from 1998 to 2005 - from 4.4 to 2.8 injuries per 10,000
- Over this same time period, transit ridership increased 39% - from 68.9 million trips per day to 95.9 million trips per year

Declining Auto Crash Injury Rate

Auto Crash Injuries in City of Portland



- The auto crash rate declined 16% from 1998 to 2004 - from 119 to 94 injuries per 10,000 population
- Over this same time period vehicle mile traveled (VMT) increased 12% - from 26 million miles per day to 29.2 million miles per day

CONTRIBUTORS

Clarence Eckerson

Streetsblog.org

Streetfilms.org

Scott Cohen, Portland State University

Roger Geller, PDOT

Linda Ginenthal, PDOT

Mark Lear, PDOT

Joshua Binus

Oregon History Project

BikePortland.org

Aaron Tarfman