Attachment D

2004-114

King County

KING COUNTY COMPREHENSIVE PLAN 2004

Technical Appendix C Transportation

March 1, 2004

King County Department of Development and Environmental Services
900 Oakesdale Avenue Southwest
Renton, WA 98055-1219
http://www.metrokc.gov/ddes/compplan/

For Alternate Formats call 206-296-6600

Technical Appendix C

Transportation

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I. Arterial Functional Classification

Functional classification is the designation of highways, road and streets into groups or classes according to the type of service they are intended to provide. A basic tenet to this process is that individual roads do not serve travel in any substantial way, but most travel involves movement through a network of roads. Functional classification helps to define the part that any individual road will play in serving the flow of traffic through the road system.

There are two primary functions of a street or road, and at times they may conflict with each other. First, the street must serve the safe and expedient movement of people and goods. Second, it must provide access to adjacent property. Roads that provide for the efficient movement of traffic have different characteristics from those that provide direct access to a wide variety of land uses.

Functional street classification is an important tool for planning a transportation or roadway system, as well as in designing and constructing individual facilities. The classification system and associated guidelines are used to distinguish between different types of roads for planning analyses, road design, and for allocating public funds for transportation improvements.

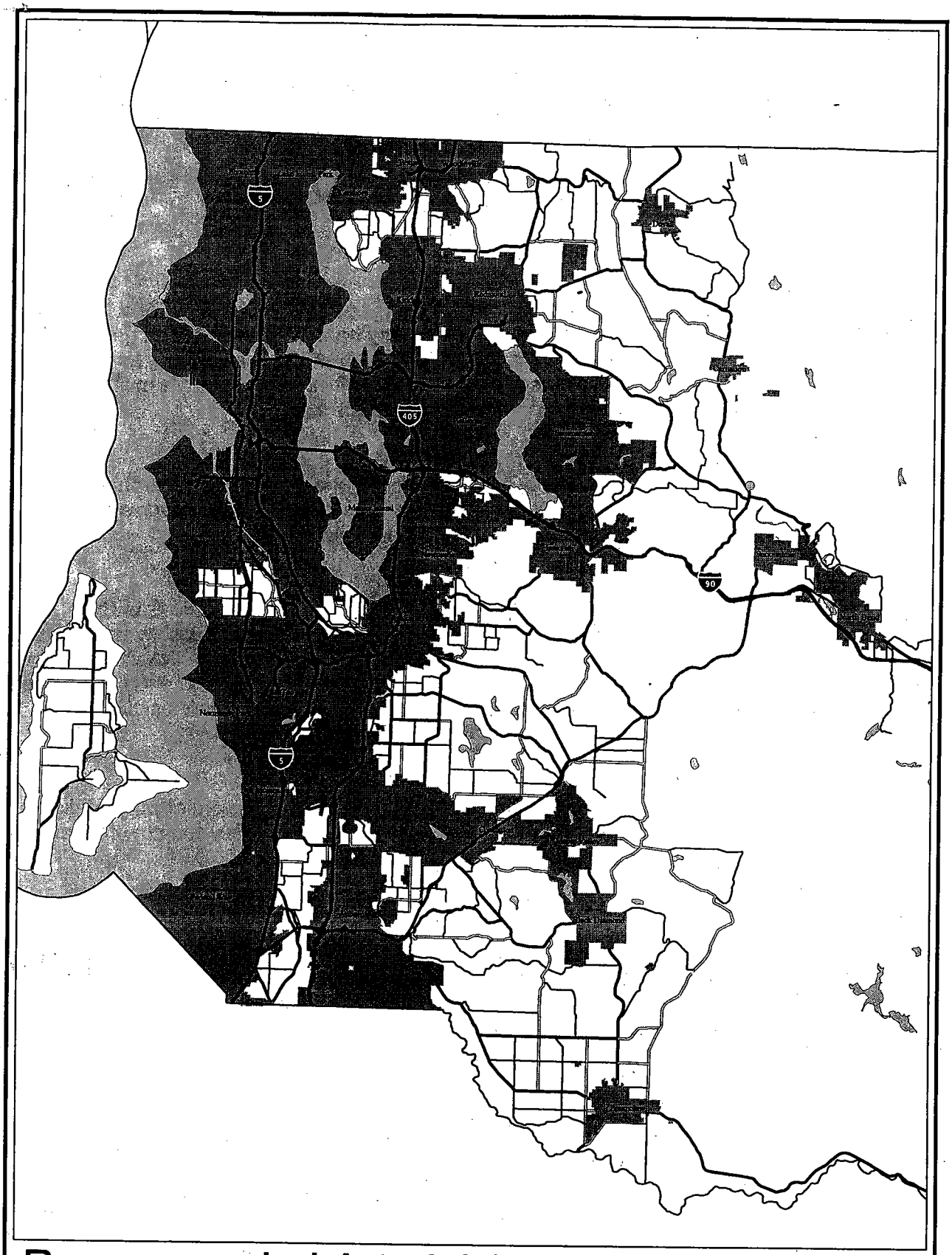
Between the extremes of high mobility and high access there is a range of street classifications to reflect the relative emphasis on traffic movement versus access to property. Specific classifications are assigned to each road, or section of road, depending on the transportation function served by the facility. The difference in the function of individual streets has been the basis for classifying King County's roads.

Three classification categories of arterials are defined as follows for Unincorporated King County:

PRINCIPAL ARTERIAL - Provides for movement across and between large subareas of an urban region and serves predominantly through traffic with minimum direct service to abutting land uses. This category includes freeways and major highways under the jurisdiction of the Washington State Department of Transportation.

MINOR ARTERIAL - Provides for movement within the larger subareas bound by principal arterials. A minor arterial may also serve through traffic but provides more direct access to abutting land uses than does a principal arterial.

COLLECTOR ARTERIAL - Provides for movement within smaller areas which are often definable neighborhoods, and which may be bound by arterials with higher classifications. Collectors serve very little through traffic and serve a high proportion of local traffic requiring direct access to abutting properties. Collector arterials provide the link between local neighborhood streets (i.e. non-arterials) and larger arterials.



Recommended Arterial System

The information included on this map has been compiled by King County staff from a variety of sources and is subject to change without notice. King County makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information.
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N

October 1, 2003

0.9 0 0.9 1.8 2.7 3.6 4.5 Miles

King County

Legend

- New Arterial
- Freeways
- Principal Arterials
- Minor Arterials
- Collector Arterials
- Incorporated Areas

II. Transportation Inventory

Introduction

A. Requirements

The Growth Management Act [RCW 36.70A.070(6)(A)] requires an inventory of air, water, and land transportation facilities and services, including transit alignments, and general aviation facilities, to define existing capital facilities and travel levels as a basis for future planning. This document fulfills this requirement by describing King County's multi-modal transportation system and by identifying available resource materials.

B. Process

The County's approach to the inventory construction is that of reference, rather than collection. This approach will enable planners to evaluate inventory information and determine what data will best meet their studies' requirements.

C. Coordination

The regional coordination of land use and transportation is mandated by the Growth Management Act. King County has taken an active role in assuring a regionally coordinated transportation system. In cooperation with other central Puget Sound jurisdictions, King County is striving towards a regional approach to important planning issues such as, level of service, concurrency, siting of regional and countywide transportation facilities, financing, nonmotorized transportation, and Transportation Demand Management.

D. Organization

The inventory is organized into three categories—(1) an inventory of the air transportation facilities and services; (2) an inventory of marine transportation facilities and services; and (3) an inventory of land transportation facilities and services.

Air Transportation System

The Growth Management Act requires an inventory of the air transportation system to define existing capital facilities and travel levels as a basis for future planning. The air transportation system plays an important role as part of the regional transportation network because it provides for quick and efficient intrastate, interstate, and international travel of passengers and freight.

In 1996 the Metropolitan Transportation Plan was amended to address the region's long term commercial air transportation needs with approval of planning for a third runway at Sea-Tac. Meanwhile, it's been 12 years since the region prepared a comprehensive plan for its general aviation airport system. The Regional Council is beginning a planning process which will address a number of system planning and development issues affecting the region's airports. This process will result in a refinement of the *1988 Regional Airport System Plan (RASP)*. The Regional Council will complete the technical work on the RASP by the end of the year 2000. The refined RASP will be integrated into the updated Metropolitan Transportation Plan (MTP) as its *Regional Aviation System* component. The updated MTP is scheduled for adoption in May 2001.

A. Existing Capital Facilities

The PSRC regional airport system consists of 28 public use airports and 2 military airfields, and includes the region's primary commercial service airport: Sea-Tac International. The system includes McChord Air Force Base and Gray Army Airfield (Fort Lewis), both in Pierce County. There are five reliever airports in the region: Snohomish County Airport/Paine Field, Harvey Field, King County International Airport/Boeing Field, Renton Municipal, and Auburn Municipal. The region's largest and busiest airports include Boeing Field (King County International), Paine Field (Snohomish County/Everett), Renton Municipal, Arlington Municipal, Harvey Field, Crest Airpark, Thun Field, Auburn Municipal, and Bremerton National. In addition to their regional role in the general aviation airport system, Boeing Field, Paine Field, and Renton Municipal each play a critical role in the Boeing Company's aircraft production, test flight, certification, and aircraft delivery programs.

Based on 1998 data collected by the WSDOT Aviation Division, the region's general aviation airports ranged in size from Darrington, with two based aircraft, to Arlington, with 498. In 1998 the region's 30 airports (including Sea-Tac) contained over 3,600 based aircraft, and served over 2 million annual aircraft operations. Our region's largest airports are major employment and economic centers, and serve as home base for the Boeing Commercial Airplane Company, contributing to the production of over half the world's civilian jet aircraft.

The region's two main cargo airports (Sea-Tac Airport and Boeing Field) are experiencing strong growth in air cargo. Between 1985 and 1998 total air cargo at these two airports grew from 210,000 to 613,000 metric tons, or 192%. While this regional airport system plan will not revisit the master plans for either Sea-Tac Airport or Boeing Field regarding air cargo facility development, the RASP will consider how the strong air cargo growth at these two airports might affect the remaining airports in the system, particularly the relievers.

Attachment A lists the airports in King County. Attachment B shows a map of the regional airport system.

B. Future Demand

The PSRC is currently updating the Regional Airport System Plan (RASP). The plan is expected to be ready in the fall of 2000. The plan will examine demand, facilities, and costs both systemwide and for individual airports. The inventory, background information, trends, forecasts, and system needs have been completed. The Federal Aviation Administration (FAA) is currently reviewing the forecasts. Costs will be developed in the near term.

Passenger Forecasts

This forecast is a summary of the most recent passenger forecasts prepared for airports with commercial passenger service, either scheduled or unscheduled (charter). Airports with existing passenger service include American Lake, Boeing Field, Kenmore Air Harbor, Lake Union Air Service, Sea-Tac International Airport, and Will Rogers/Wiley Post Floatplane Base. Only Sea-Tac Airport and Boeing Field have scheduled passenger service. The other four airports listed below provide unscheduled/charter passenger service. Future passenger forecasts are available only for Sea-Tac International Airport and King County International Airport/Boeing Field. These forecasts are shown below. The forecasts for Sea-Tac International Airport shown below were derived from the *Final Supplemental Environmental Impact Statement for the Proposed Master Plan Update Development Actions (May 1997).* The forecasts for Boeing Field were taken from *Master Plan Working Paper One (September 1999).* As stated in the working paper, the "....unconstrained demand for commercial passenger activity at the airport recognizes that [while].... there .... is demand for passenger services, ... at the present time, no airline is proposing a significant commercial passenger operation at the airport, and that no new facilities are programmed to accommodate such growth."

Passenger Forecasts

(includes both enplaning and deplaning passengers)

	1998	2005	2010	2015	2020
American Lake	7,140	N/A	N/A	N/A	N/A
Boeing Field	4,026	76,400	154,000	178,600	N/A
Kenmore Air Harbor	29,500	N/A	N/A	N/A	N/A
Lake Union Air Service	19,100	N/A	N/A	N/A	N/A
Sea-Tac International	*25,863,132	31,400,000	35,800,000	40,200,000	44,600,000
Will Rogers/Wiley Post	8,740	N/A	N/A	N/A	N/A
Total	**25,931,638**	**31,476,400**	**35,954,000**	**40,378,600**	**44,600,200**

* *Year 2015 passenger forecast for Sea-Tac Airport was interpolated by PSRC*

Air Cargo Forecasts

The following air cargo forecasts were taken from the most recent airport master plans and other supporting data for Sea-Tac International Airport and King County International Airport/Boeing Field. These include the Sea-Tac Airport Master Plan (1994), Sea-Tac Final Supplemental EIS (May 1997) and Boeing Field Master Plan Working Paper One (September 1999). Boeing Field's latest airport master plan forecast extends to 2015, while the Port of Seattle's official forecast for Sea-Tac Airport extends to the year 2010.

Air Cargo Forecasts (U.S. tons)

(includes both enplaned and deplaned cargo)

	1998*	2000**	2005**	2010**	2015**
Boeing Field	142,000	155,364	194,540	243,595	305,000
Sea-Tac Int'l	471,099	559,900	683,100	805,200	N/A
Total:	**613,099**	**715,264**	**877,640**	**1,048,795**	

**Numbers were derived from Sea-Tac Airport Activity Report (1998) and Boeing Field Master Plan Working Paper One (1999); numbers for Boeing Field are for calendar year 1997.*

***Forecasts for 2000, 2005, 2010, and 2015 were taken from the "Final Supplemental EIS for the Proposed Master Plan Update Development Actions at Sea-Tac Airport" (May 1997) and the Boeing Field "Master Plan Working Paper One" (September 1999).*

Source: Data were derived by Puget Sound Regional Council from FAA, WSDOT Aviation Division, individual airport master plans, and other sources. The information is contained in the ongoing PSRC Regional Airport System Plan.

Additional information on the air transportation system can be found at the following links:
Washington State Aviation Division:
http://www.wsdot.wa.gov/Aviation/Planning/database/default.cfm (select King County under "Filters")
Port of Seattle Airport Statistics:
http://www.portseattle.org/factstat/stats/air/default.htm

PASSENGERS	May-03	May-02	Amt Change	% Change	2003	2002	Amt Change	% Change
Domestic Passengers - IN	1,030,183	1,021,801	8,382	0.82	4,517,287	4,500,181	17,106	0.38
Domestic Passengers - OUT	1,011,060	1,013,462	-2,402	-0.24	4,489,113	4,517,724	-28,611	-0.63
Subtotal - Domestic Passengers	2,041,243	2,035,263	5,980	0.29	9,006,400	9,017,905	-11,505	-0.13
International Passengers - IN	88,026	94,654	-6,628	-7	436,464	469,893	-33,429	-7.11
International Passengers - OUT	87,918	94,340	-6,422	-6.81	423,494	453,395	-29,901	-6.59
Subtotal - International Passengers	175,944	188,994	-13,050	-6.9	859,958	923,288	-63,330	-6.86
Total Passengers - IN	1,118,209	1,116,455	1,754	0.16	4,953,751	4,970,074	-16,323	-0.33
Total Passengers - OUT	1,098,978	1,107,802	-8,824	-0.8	4,912,607	4,971,119	-58,512	-1.18
PASSENGER GRAND TOTAL	**2,217,187**	**2,224,257**	**-7,070**	**-0.32**	**9,866,358**	**9,941,193**	**-74,835**	**-0.75**

Source: Port of Seattle, actual passenger activity, May 2003

Marine Transportation System

The Growth Management Act requires an inventory of the marine transportation system to define existing capital facilities and travel levels as a basis for future planning. The marine transportation system plays an important role in the movement of people and goods within King County, supplying the main commuter link between Seattle's central business district and the west Puget Sound corridor and as the hub network for local, regional and international freight movements. The marine transportation system will continue to play an increasingly important role as population densities increase and our County's economic base expands.

A. Existing Passenger Capital Facilities

The marine passenger transportation system serves the entire Puget Sound region from Tacoma to Sidney B.C. The facilities that serve King County include ferry terminals and vessels servicing ferry routes. The following Figure III-1 provides an inventory of existing terminals, vessels and routes operated by the Washington State Ferry System within King County.

Figure III-1
Washington State Ferry System and Related Capital Facilities within King County

Route	Terminal	Vessel Type	Number	Capacity
Seattle-Bainbridge Is. (Passenger Only)	Seattle - Bainbridge Is	Tyee	1	270*
Seattle-Bremerton (Passenger Only)	Seattle Bremerton	Snohomish	1	350 **
Seattle-Bremerton	Seattle Bremerton	Issaquah Jumbo Mark II Class	1 1	130* 230*
Seattle – Vashon (Passenger Only)	South Vashon	Skagit/Kalama	1	270 **
Fauntleroy-Vashon Southworth Port Defiance-Talequah	Fauntleroy Vashon Vashon Southworth Port Defiance-Talequah	Expanded Issaquah Issaquah Rhododendron	1 1 1	130* 130* 65*
Seattle-Bainbridge Is.	Seattle - Bainbridge Is	Jumbo Mark II Class Issaquah Class	1 1	218* 130*
Seattle-West Seattle# (Passenger Only)	Seattle – West Seattle	Catamaran	1	82**

* Automobile carrying capacity
** Person carrying capacity
#Operated by King County Metro Transit and contracted through Argosy Cruises (http://www.argosycruises.com/)

Source: Cross-Sound Analysis for Washington State Ferries

Additional information on the Washington State Ferry system can be found at the following web sites:

http://www.wsdot.wa.gov/ferries/,
http://www.wsdot.wa.gov/ferries/schedules/current/index.cfm?route=sea-bi,
http://transit.metrokc.gov/tops/oto/water_taxi.html or:

Please contact the ferries division for information on future passenger service needs and improvements:

Washington State Department of Transportation
Washington State Ferries
2911 Second Ave.
Seattle, Washington 98121-1012

B. Existing Freight Capital Facilities

The Port of Seattle has been upgrading container terminal operations to accommodate on-dock rail loading and unloading to improve efficiency in operations. Two major considerations affecting shipping and the movement of freight are the initiation of service by the Post-Panamax container megaships. Both the Port of Seattle and the Port of Tacoma can accommodate a vessel of this size and draft. Megaship activity can result in more pronounced peaking of port handling and management of freight and containers to midwestern destinations and other domestic sites nationally. Completion of the Duwamish Access study by the Port and City of Seattle also highlighted concerns in the Duwamish industrial area over the deteriorating conditions of the transportation infrastructure and many of the needed improvements to ensure the Duwamish's viability.

The second consideration affecting marine transportation relates to landside freight traffic. Landside traffic congestion has become a major concern of the ports and is affecting access to the ports. Freight rail between the Ports of Seattle and Tacoma as well as around the Port of Everett is the other major concern affecting the movement of freight through the County and region. To address this concern a partnership of the ports, the railroads, the state, and cities and counties developed the strategy referred to as the FAST Corridor that will both improve freight traffic getting to port facilities and also reduce conflicting and crossing traffic by providing the elevated structures to cross over the major conflict points.

The port access and grade separation improvements identified as part of the FAST Corridor effort are moving towards implementation and will help to reduce the conflicts that inhibit efficient connections to the waterside port facilities or the conflicting general traffic crossing the railroad tracks on major arterials in the Green River Valley. Within King County improvements at SR 519, S 180th Street in Tukwila, and S 277th Street and 3rd Street SW in Auburn are underway.

Phase II of the FAST Corridor effort is already underway to examine and reaffirm a second tier of improvements needed to make freight traffic more effective in the future. The Phase II effort will also examine the movement and circulation of freight trucking and will lead to the development of actions and improvements necessary to maintain the county and region's position in trade and a global economy.

For the most current information on the FAST Corridor project please refer to the following website:

http://www.wsdot.wa.gov/mobility/fast/

Efforts to engage the private sector and freight community in governmental and public actions in the region have gained national attention and recognition. The Freight Roundtable, established by the Economic Development Council of Seattle and King County, and the PSRC has been presented as an effective model of cooperation and working together to address the complex issues affecting freight transportation. Coordination with the Washington Transportation System Plan and the Metropolitan Transportation Plan has been and continue to be essential elements of the discussion.

C. Future Demand Freight Services

See the Port of Seattle website for historical growth on shipping tonnage and TEUs (20-foot equivalent unit containers):
http://www.portseattle.org/harbor/default.htm

D. Freight Needs, Improvements, Timing

Projects identified in the list of Referendum 49 improvements included recommendations for funding extending SR 509 to I -5 and the South Access Road both in the vicinity of Sea-Tac Airport. Improvements to SR 519, SR 18 and the Valley Freeway, as well as Pacific Highway, and a number of projects would have provided a major infusion of funds until I - 695 and R-51's failure at the polls in November 2002 effectively eliminated the source of repaying the bonds and for capacity projects. Some funding has been found to keep the most important projects moving forward; however full funding and timing of funding will still be important considerations in the future. As of July 1, 2003 a 5 cents per gallon gas tax went into effect throughout Washington State which will raise $4.18 billion over 10 years.

Port of Seattle Harbor Statistics can be found at:
http://www.portseattle.org/harbor/default.htm

Land Transportation System

A. Vision 2020 / Metropolitan Transportation Plan (MTP)

Vision 2020 is a multi-jurisdictional cooperative long-range plan that emphasizes the inter-dependence between growth and transportation. It recognizes that the problems caused by uncontrolled growth are regional and must be answered on a cooperative basis. The plan identifies growth and transportation strategies for the central Puget Sound region – King, Kitsap, Pierce and Snohomish Counties. The essence of the plan is to encourage high-density growth in designated Metropolitan Centers, sub-regional centers, and activity clusters, connected by a transportation system that emphasizes the movement of people. The 1995 Metropolitan Transportation Plan updates Vision 2020 by providing a growth management, economic, and transportation strategy.

The Puget Sound Regional Council is the designated Metropolitan Planning Organization (MPO) for the counties of King, Kitsap, Pierce, and Snohomish. MPOs are responsible for the planning of regional transportation systems, as required by Federal Highway and Urban Mass Transit statutes. The Growth Management Act further requires urban counties and cities within them to form Regional Transportation Planning Organizations (RTPO) that encompass, at a minimum, at least one county with a population of 100,000 or more. The Puget Sound Regional Council is the assigned RTPO for the four county region, reaffirming Vision 2020 as the foundation for a cooperative, comprehensive planning effort between jurisdictions within central Puget Sound.

B. King County Planning

King County's planning process includes the Comprehensive Plan, other planning documents, and regulations.

1. Comprehensive Plan

King County's Comprehensive Plan consists of policies and maps to guide growth and development in unincorporated King County and to establish the County's position on Countywide services.

The Comprehensive Plan emphasizes regional planning and inter-governmental cooperation between King County, its cities, neighboring counties, special purpose districts, and other public agencies. It outlines the basic plan and process to assure that adequate public facilities and services are available to meet the demands of growth.

2. Transportation Needs Report

The Transportation Needs Report (TNR) is an annual listing of recommended countywide transportation system improvements. It includes all transportation needs in unincorporated King County and significant countywide improvements in cities and adjacent counties. Transportation projects are grouped by geographic subareas and type of improvement.

The TNR's principal use is to assist in the formation of the County's Capital Improvement Program including a six-year road planning program. These programs set the schedule for phasing of multi-year projects and specify the order and timing of planned transportation improvements.

The TNR promotes coordination between King County and other jurisdictions by clearly showing what projects the County intends to initiate and the priority of individual projects, allowing other jurisdictions to schedule related improvements to coincide with County work.

The TNR is also a major source for information used in determining appropriate mitigation measures required for approval of proposed new development. The County's Mitigation Payment System (MPS) uses the TNR to identify growth projects within a multi-year funding horizon to calculate fair share payments for new development.

C. Population, Household and Employment Data

Population, household and employment estimates by census tract are prepared by the Puget Sound Regional Council for King County, other member governments and the private sector. The Regional Council interprets Washington State Office of Financial Management demographics using two modeling programs. Household forecasts are produced using the Disaggregate Residential Allocation Model (DRAM) and employment forecasts are produced using the Employment Allocation Model (EMPAL).

1. Population and Housing Estimate Report

Prepared annually, the Population and Housing Estimate Report summarizes residential building and demolition permit statistics for the preceding calendar year, anchored upon the housing and population data from the latest U.S. Census of Population and Housing and Washington State Office of Financial Management. The report is designed to provide demographic trends by small geographic area for use by local governments as well as data users in the private sector. Estimates of housing units, vacancy rates and average persons per occupied dwelling units are supplied in the report.

2. King County Annual Growth Report

The Annual Growth Report (AGR) provides population and land development statistics for King County. The Annual Growth Report has two purposes. The first is to present a standard set of data on growth in King County. The AGR answers questions about where, when and how much growth is occurring in King County. The County's Office of Regional Policy and Planning collects the information used in the AGR. The AGR provides a foundation for evaluating King County's land use and development policies. The AGR is an essential tool for monitoring the effectiveness of the County policies and plans.

The AGR report provides extensive data that includes estimates of population and employment, business and household income, counts of household and housing units, house prices and rents, annexations, commercial and residential building permits, formal subdivision and short plats, and forest practices activity.

Population data and forecasts contained in the AGR come from three primary sources: the Washington State Office of Financial Management, the U.S. Bureau of the Census, and the Puget Sound Regional Council.

Land use data comes from King County and cities within the County. Household data is based on information maintained by the King County Department of Assessments. Additionally, King County's Department of Development and Environmental Services compiles housing data through permit review applications. The Office of Regional Policy and Planning also has the ability to summarize data on building permits and formal plats from each city within King County.

Average house price and rent data are summarized in the Seattle-Everett Real Estate Research report (SERER) and in the AGR. House sales price and apartment rental data are gathered from both private sector and public sector sources.

D. Road System (King County)

1. Functional Classification

For information on the King County Arterial Functional Classification system, see the previous section.

2. Regional Arterial Network (RAN)

The Regional Arterial Network (RAN) is an integrated system of roads and services critical to moving people and goods in King County. The RAN is derived from the Puget Sound Regional Council's Metropolitan Transportation Plan, and is comprised of principal arterial streets that connect important land use centers. The RAN approach encompasses growth management and a capital investment strategy to improve mobility to and among designated land use centers. The RAN is based on partnerships with local jurisdictions and stresses a regional, multi-modal approach to providing coordinated improvements along arterials.

3. Road Log

The County Road Log represents a detailed "inventory" of selected physical and administrative features of the county's roadway system. Physical features are typified by such items as pavement type, roadway and shoulder width, number of lanes, median pavement type, as well as traffic counts. Administrative features include information such as functional class, urban area, and jurisdiction. This information is available from the King County Department of Transportation, Engineering Services Section of the Road Services Division.

4. Road Network Information System (RNIS)

The Road Network Information System provides a method of locating, quantifying, and assessing the condition of each roadway owned or maintained by King County. This Inventory system is maintained by the roads maintenance staff and is used as a basis for projecting County road maintenance needs. Individual roadways and their features are described using a route order system. This is the same system used for County sign maintenance. Under the route order system, each roadway or route is assigned a numeric definition indicating the start and end of the route. Each route begins with a sequence number which indicates a cross street. Distance measurements are taken from the cross street in the direction of increasing address numbers.

5. Pavement Management System

The Pavement Management System is used by King County's Road Maintenance Section to track and rate roadway surface conditions and record information concerning shoulder width and type. The System divides the County's 1800 plus miles of road into over 30,000 individual segments. Each roadway segment is rated and evaluated bi-annually to ensure a continuous preventative maintenance program and track the effectiveness of maintenance activities.

6. Traffic Signals

An inventory of traffic signals is kept at the offices of the Traffic Section, King County Department of Transportation, Roads Services Division. The inventory includes:

- Location of signals
- Type
- Operating parameters
- Programmed phases/cycles

Specific information regarding intersection control devices (signage, signals) can be obtained by contacting the King County Department of Transportation, Road Services Division, Traffic Section.

7. Traffic Counts

Scheduled vehicular traffic counts have been obtained at selected locations on the County Road System for many years and are published by and available from the King County Department of Transportation, Road Services Division. The latest version of this document is titled Historical Traffic Counts 1989 - 1999.

Traffic counts are also available at http://www.metrokc.gov/kcdot/roads/traffic/

8. High Occupancy Vehicle Facilities

The High Occupancy Vehicle (HOV) system is an important element of King County's and the region's multi-modal transportation system. The HOV system is made up of special lanes for use by transit, carpools, and vanpools, on the region's freeway and arterial network. Capital facilities such as park-and-ride lots, bypass ramps, flyer stops, and transit centers for buses, are an integral part of the HOV system. Coupled with the County's Transportation Demand Management program, HOV facilities are designed to help accommodate growth by moving more people in fewer vehicles, reducing the need for new road construction or major widening projects on the County's existing arterial system. Since the early 1980's, PSRC's regional transportation policy has emphasized the benefits of reduced congestion, air pollution and energy savings associated with a

comprehensive HOV system. Recent changes to the HOV lane system include direct access ramps to support Sound Transit's regional bus service as well as freeway-to-freeway improvements to interconnect the system. Please refer to WSDOT's publication "Puget Sound Freeway CORE HOV Program: Status, Performance, Questions & Answers" (printed January 2000) for a list of existing and planned State HOV facilities.

a. HOV Lanes

In the early 1970's, the first HOV road segments were completed on Washington State highways. Today, over 190 lane miles of operating HOV facilities are available for use in King County by transit, carpools (two or more passengers per vehicle), and vanpools (eight or more passengers per vehicle). There is much discussion and planning underway to convert or expand certain segments of HOV lanes to HOT or High Occupancy Toll lanes. In the spring of 2003, the State Legislature opened up HOV lanes outside of the I-5 corridor to general traffic from 7PM to 5 AM.

For more information on HOV facilities in King County, please refer to WashDOT's website: http://www.wsdot.wa.gov/hov/default.htm

b. Transit Flyer Stops

There are sixteen transit flyer stops within King county along the interstate and state highway system. These stops speed transit travel by allowing riders access, without the bus having to exit and return to the interstate or highway on congested arterials. (For a full list of flyer stops and their locations, see Attachment C.)

c. Transit-Oriented Development (TOD)

The King County Transit Oriented Development (TOD) Program began in 1998. In 1999, the county retained Economics Research Associates (ERA) to rank park-and-ride sites from a private development perspective. Based upon that ranking and subsequent analyses by TOD and Metro staff, TOD projects have been undertaken throughout King County. Three projects are completed, one is under construction, developers have been selected for five, feasibility studies are under way for 11 projects and initial discussions are going on for five. This report includes information on TOD projects and some related efforts being managed by the county's Department of Construction and Facilities Management (DCFM) and by Sound Transit. A list of current and proposed TOD facilities in King County is listed in Appendix C.

Source: http://www.metrokc.gov/kcdot/alts/tod/TODstatus3-02.htm

d. Park and Ride Lots

A park and ride lot is a designated passenger facility where individuals can leave their private vehicles to access public transportation. A park and ride lot can also serve as a park and pool lot, where individuals can rendezvous to form carpools and vanpools. King County owns or manages three kinds of park and ride facilities. Currently there are 89 permanent and leased lots in King County, with a total of 19,141 parking stalls.

King County Metro Transit 1st Quarter 2003 Park-and-Ride-Lot Utilization Report

Park-and-Ride Lots	Capacity	Used	Percentage
Permanent Lots	16,732	13,060	78%
Leased Lots	2,409	1,071	44%
SYSTEM TOTALS	19,141	14,131	74%

*Capacity is measured in number of total of parking stalls or spaces.
Sources: http://transit.metrokc.gov/tops/parknride/parknride.html,

e. King County Arterial High Occupancy Vehicle Program

King County's Department of Transportation, Transportation Planning Division, undertook a comprehensive study concerning arterial High Occupancy Vehicle (HOV) facilities and programs. The purpose of the study was to develop an integrated program of arterial capital improvements and associated policies to support and promote transit use and ridesharing in King County. The HOV plan was adopted in 1993 and is the County's current adopted policy on HOV improvements.

The Arterial High Occupancy Vehicle Plan has followed the policy of King County's comprehensive plan – encouraging efficient transportation facilities and services. The goal of the County's HOV program is to increase the average occupancy of vehicles using the County's roadway system in an effort to move more people in fewer vehicles. Installation of HOV facilities and related Transportation Demand Management programs provides incentives for the traveling public to use transit, rideshare, or other travel alternatives. Incentives are often in the form of travel timesavings and / or reduced travel cost. Increasing the Average Vehicle Occupancy (AVO) through HOV measures results in improved traffic flow reduces the need for expansion of the roadway system.

The study focuses on implementing HOV improvements on arterials and integrating King County improvements with Washington State's current and planned HOV facilities. It discusses HOV warrants and treatments that suit urban and suburban arterials and that must consider access to property as well as mobility. Finally, the study recommends criteria and guidelines for the consideration of arterial HOV improvements. Since adoption of the HOV plan, the region has passed a ballot measure approving the regional transit authority or Sound Transit.

E. Transportation Demand Management

The Commute Trip Reduction Law, Chapter 202, 1991 Laws of Washington, requires local governments within the largest nine counties in Washington to develop programs and implement actions to reduce single-occupant commute trips. The CTR legislation requires cities and counties with large employers (100 or more employees arriving at the worksite between 6 and 9 a.m.) to adopt ordinances that require these employers to submit and implement trip reduction programs. The County and cities within King County adopted ordinances beginning in 1992. There were 17 jurisdictions affected by CTR requirements in 1991. There are currently 21 affected jurisdictions in King County. Two of these are now or will soon be adopting ordinances. In 1997 the law was amended to extend its requirements from 1999 to 2005. Minimum requirements of the law are:

- Commute trip reduction goals for vehicle miles traveled per employee are 10 percent in the first two years, 20 and 25 percent, respectively for the fourth and sixth years, and 35 percent by the final measurement year (2005, or the 12th year after implementation)
- Measurements are gauged against levels in surrounding CTR zones or against base values for the worksite at the choice of the employer
- Designation of a transportation coordinator, distribution of commute option information, filing of annual reports and biannual surveying, and implementation of measures designed to achieve goals
- CTR programs for cities and counties having large employers, whether or not the jurisdiction has more than 100 employees
- A review of parking ordinances
- An appeals process to resolve disputes about major employer programs

A state task force with 28 members is charged with establishing guidelines to effect implementation of the law, make recommendations for changes to the law, and report progress to the legislature. Considerable effort has been put into coordination of the CTR ordinance implementation and policies across the state and among jurisdictions as required by law. The Executive and the Council have placed a high importance on CTR programs, recognizing that such programs will positively affect the County's ability to improve roadway level of service standards without expensive capital projects and to reduce air pollution while lowering energy cost for its citizens.

King County Metro Transit's Market Development group has made several strides towards integrating and customizing CTR and other TDM programs. New approaches including new facilities such as bike lockers, car share programs like FlexCar, and adapting their employer-based TDM strategies to the community or neighborhoods themselves.

Sources:

http://transit.metrokc.gov/prog/employer/empcommute.html
http://www.metrokc.gov/kcdot/alts/employer/index.htm
http://www.bikestation.org/seattle/index.asp
http://www.flexcar.com/

Between 2003 and 2006, a Smart Card system is being deployed in the four-county, Puget Sound Region. This electronic debit card will allow users of buses, ferries, and trains in any jurisdiction or service district to permit "customers to use one fare card on multiple systems throughout the four county Central Puget Sound area." This initiative is truly regional and its implications will affect urban and rural King County's mobility and TDM programs in the future.

Sources:

http://transit.metrokc.gov/prog/smartcard/smartcard.html

F. Nonmotorized Transportation

King County's Nonmotorized transportation programs operate under the title RoadShare. RoadShare considers both the recreational and alternative travel values of a comprehensive nonmotorized network. RoadShare was created in 1987 to promote nonmotorized transportation elements of the overall County transportation system. The program is

responsible for planning, coordination, outreach, and public participation activities related to this mission.

1. Planning

RoadShare is responsible for the development of the King County Nonmotorized Transportation Functional Plan, which replaced and expanded upon the 1974 King County General Bicycle Plan. This functional plan established service and facility standards, program recommendations, and research areas relating to the specific needs of bicyclists, pedestrians, and equestrians on the County road system.

RoadShare is also involved in the annual review of projects contained in the annual Transportation Needs Report (TNR). Currently, approximately one half of TNR proposed projects contain some nonmotorized element.

RoadShare annually participates in the review of candidate projects for the Department of Transportation Maintenance Section's annual Overlay Paving Candidate List. This review identifies nonmotorized transportation system deficiencies correctable through regular road maintenance procedures.

Other planning activities include the following:

- Plans, studies and project review
- CIP project and development review
- Zoning Code and other relevant ordinance changes/review

2. Public Information

Realizing that public information is an important element of RoadShare's overall success, King County places a heavy emphasis on outreach programs such as the Seattle Bike Expo and the Annual Pedestrian Safety conference.

3. King County Bicycling Guide Map

This document serves two purposes. First, it provides data on road conditions relevant to bicyclists in an easy to understand manner on a network, which includes all of the municipalities of the County, as well as the regional trails network. Second, the network represented on the map serves as the basis for bicycle facility planning and project priority decisions within the Nonmotorized Transportation Functional Plan. The Bicycling Guidemap can be found on the Department of Transportation's website at http://www.metrokc.gov/kcdot/tp/bike/bikemap.htm

G. Washington State Highways

Information on the State Highway system can be found on the WEB page for the WSDOT Planning and Programming Service Center, Transportation Data Office (TDO) at http://www.wsdot.wa.gov/mapsdata/tdo/

The TDO is responsible for collecting, processing, analyzing, and disseminating transportation data pertaining to the Washington State highway system, including: traffic collision data, traffic counts, travel analysis and traffic forecasting support, an online highway data system, and a database of 80,000 miles of Washington State public roads.

H. Transit

1. Metro

Transit services in King County are provided by four public transit agencies. King County Metro Transit provides the vast majority of regular bus service and general public demand responsive service ("Dial-a-Ride") available to King County residents. Pierce Transit and Community Transit provide commuter bus services into King County urban centers including downtown Seattle, downtown Bellevue, and the University District in northeast Seattle. In 1988 Sound Transit (the Puget Sound Regional Transit Authority) began implementation of all-day express bus services primarily concentrated in the east and south King County areas. These services are part of phase-one service implementation plans for a three-county system of express bus, commuter rail, and light rail services to be fully operational by 2006.

Metro operates a fleet of about 1,300 vehicles, including standard and articulated coaches, electric trolleys, dual-powered buses, and streetcars. This fleet serves an annual ridership of more than 95 million within a 2,128 square mile area. All Metro buses have wheelchair lifts and all routes and trips are accessible to riders who are disabled. Metro provides paratransit van service and a taxi scrip program that provided over 1 million passenger trips in 1999.

Metro operates the largest publicly owned vanpool program in the country. More than 700 vans make about 3 million trips per year. More than 5,000 people use those vans every day, eliminating about 4,500 vehicles from area roads. The regional ridematch system helps commuters form and sustain new carpools and vanpools in seven counties by matching names in a computer database.

See Attachment D for references to Metro capital facilities and services.

2. Central Puget Sound Regional Transit Authority (Sound Transit)

In 1996, voters in the urbanized areas of King, Snohomish and Pierce Counties approved *Sound Move,* the Sound Transit Master Plan. *Sound Move* is a 10-year program that will see the implementation of new regional express bus, commuter rail and light rail services. Sound Transit's services are considered high-capacity transportation (HCT) services that carry large numbers of people faster and more frequently than a basic, conventional bus system. To accomplish this, buses and trains usually need to run in their own rights-of-way, separated from general traffic.

Sound Transit services will be integrated with the local bus routes operated by King County Metro so that all services support and complement each other. A 1998 Memorandum of Understanding (MOA) between the two agencies established the basic principles under which a coordinated system will be planned and operated. The MOA describes the general working relationship between Sound Transit and King County. It supports the vision of a seamless, easy-to-use system of regional and local services and the framework for subsequent agreements between the County and individual Sound Transit lines of business (regional express bus, commuter rail and light rail).

As of July 2003, the Sound Transit rail system has been held up by concerns centered upon the cost of the alignment or right-of-way itself. The proposed system from 1996 will potentially be built in three stages from Northgate to Seatac via Downtown Seattle. However, it should be noted that any construction start of any segment is currently in a holding pattern due to pending legal cases against Sound Transit itself and from the

perspective of the constitutionality of ballot initiatives that have stripped the service district of funding. Finally, US Congressional appropriation of a $500 million grant from the FTA will decide the fate of Sound Transit's light rail system.

Recently, progress has been made to establish the long-delayed commuter rail service Between Tacoma and Seattle. Service to Lakewood and Everett are expected to commence in late 2003 following operating and leasing agreements with the BNSF Railway. Service will run in both on and off-peak directions.

More information on Sound Transit can be found at the following website:
http://www.soundtransit.org
http://www.soundtransit.org/sounder/RiderInfo/SdrFacts.htm
http://www.soundtransit.org/linkrail/linkrail.htm
http://www.soundtransit.org/stexpress/stexpress.htm

3. The Seattle Monorail Project

Seattle voters in November 2002 passed a ballot initiative to construct a monorail line and eventually system throughout Seattle. The first line labeled the Green Line is in its planning stages and bidders are being selected to Design-Build-Operate-Maintain the system. There are regional and countywide implications for this project. Two groups have sought to construct regional or more freeway-based monorail systems as a way of serving a broader geographical area. As the Puget Sound region has learned with Sound Transit and even Metro Transit, implementation of a rapid transit right-of-way is a lot more difficult than it sounds.

More information on The Seattle Monorail Project can be found at the following websites:

http://www.elevated.org/
http://www.freewaymonorail.org/
http://www.kingcountymonorail.org/

I. Rail Facilities

A complete description of the existing railroad facilities, abandoned right-of-ways, Amtrak service levels, passenger traffic volumes, and freight data provided in King County is available in the Statewide Rail Passenger Program Technical Report (January 1992) and the Washington State Freight Rail Plan. These reports authored by the Washington State Department of Transportation, Planning Research and Public Transportation Division, identify rail facilities statewide. Inventory information in this document is based on (1) field reconnaissance; (2) railroad track charts, and (3) other documentation of conditions that relate to passenger and freight train operating speeds such as:

- Track alignment and configuration,
- Locations and lengths of double track segments and passing sidings,
- Weight, age, and condition of the rail,
- Super elevation provided on curves,
- Type of signal system,
- Type (i.e. speed capabilities) of turn outs and crossovers,
- Grade-crossing locations and the types of grade crossing protection provided, and
- Authorized maximum speeds and the reason for the existing speed restrictions.

Additional information from the PSRC on freight can be found at the following web site:
http://www.psrc.org/datapubs/pubs/publist/publist_freight.htm

ATTACHMENT A

AIRPORTS IN KING COUNTY

As of July 2003 there are 12 public use airports in King County, as follows:

Commercial Passenger Service

Sea-Tac International

Reliever Airports

Auburn Municipal
King County International Airport/Boeing Field
Renton Municipal

General Aviation Airports

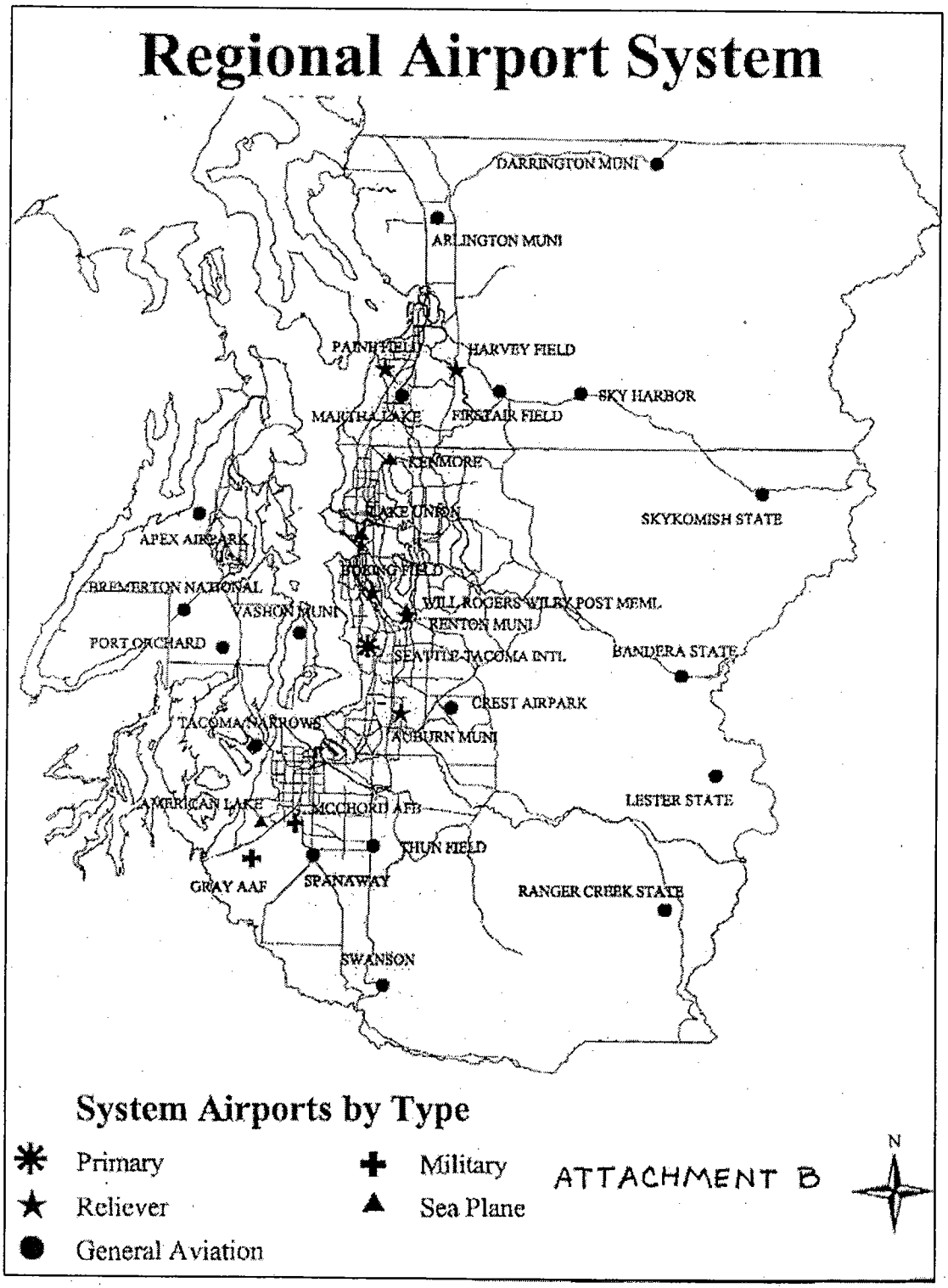
Bandera State *
Crest Airpark
Lester State *
Skykomish State *
Vashon Municipal
** Airport is owned by State of Washington*

Seaplane Bases

Kenmore Air Harbor
Lake Union Air Service
Will Rogers/Wiley Post Memorial

ATTACHMENT B

REGIONAL AIRPORT SYSTEM MAP



ATTACHMENT C

TRANSIT FLYER STOPS & TRANSIT ORIENTED DEVELOPMENTS

1. SR-520 & Montlake Blvd East
2. SR-520 & 92nd Avenue Northeast
3. SR-520 & Evergreen Point Floating Bridge
4. I-405 & North 30th (Renton)
5. I-405 & Northeast 70th Street
6. I-405 & Northeast 132nd Street
7. I-405 & Northeast 160th Street
8. I-405 & Southeast 8th Street
9. I-405 & Coal Creek Parkway
10. I-405 & 112th Avenue Southeast
11. I-5 & Northeast 145th Street
12. I-5 & South 272nd Street
13. I-5 & SR 516
14. I-5 & Northeast 45th Street
15. I-90 & Island Crest Way
16. I-90 & 23rd Avenue South / Rainier Avenue

TRANSIT ORIENTED DEVELOPMENT

Completed

- Northgate North
- Renton Transit Center
- The Village at Overlake Station, Redmond

Under Construction

- Kent Sound Transit Garage
- The Gilmore (Doces Building), Seattle

Developer Selected

- Denny Triangle Green Streets, Seattle
- Kent James Street
- North Kingdome Lot, Seattle
- Olson-Myers, Seattle
- Tashiro-Kaplan Building, Seattle

Feasibility Studies Under Way

- Brickyard, Unincorporated King County, near Bothell
- Convention Place, Seattle
- Federal Way
- Kent Municipal Parking Lot
- Kenmore Park-and Rides
- Kenmore
- Northshore
- Northgate Transit Center

- Shoreline
- South Kirkland, Bellevue/Kirkland
- Tukwila – Sound Transit Commuter Rail
- U-District Layover, Seattle

Discussions Under Way

- Issaquah Highlands
- Kingsgate, Kirkland, Totem Lake
- Kirkland CBD
- North Lake Union, Seattle
- Redmond CBD
- Woodinville

ATTACHMENT D

METRO REFERENCE FOR CAPITAL FACILITIES AND SERVICES

1. Regional Transit Project Metro HOV/Busway Planning, 2010/2020 No-Build Alternative Draft Final Report, ICF Kaiser Engineers, December 1990.

   The No-build Alternative consists of the 2010 background roadway network. It includes the budgeted portion of the Washington State Department of Transportation's (WSDOT) HOV Program. The No-Build alternative transit system is the 1991 network including all services and capital facilities for Metro, Community Transit, and Pierce Transit.

   Available: Sound Transit 206/398-5000

2. Puget Sound Regional Council, Park-and-Ride Lot Inventory: Puget Sound Region, (1996).

   An inventory of publicly-operated park-and-ride lots within the Puget Sound Region of Island, King, Kitsap, Pierce, Snohomish, and Thurston Counties.

   Available: Puget Sound Regional Council 206/587-4825

3. King County/Metro Service Development Division, Metro Passenger Shelters, King County Metro

   Lists and maps over 1,400 passenger shelter units at various locations within Metro's service area. Reports on sites with engineering drawings available in Design and Construction's records storage.

   Available: King County Metro Route Facilities Section 206/684-3404.

4. King County Department of Transportation, Quarterly Park-and-Ride Lot Utilization Reports, Metro

   A quarterly report that provides complete utilization information for all permanent (major) park-and-ride lots within Metro's service area, as well as partial utilization on the leased lot program and the smaller WSDOT lots.

   Available: Transportation Planning Division 206/263-3583

5. King County/Metro Transit Division, The Book, Tri-annual publication, Metro.

   The Book is published during February, June, and September for Metro service changes. It contains changes to the policies, procedures, route descriptions, signage, maps, and other instructions.

   Available: Metro Operations Division 206/684-1656

6. King County/Metro Transit Division, Transit Resources Analysis Model (TRAM), Metro.

   The TRAM is an ad hoc reporting system for tracking ridership, services hours, bus trips, mileage, and productivity at the route level.

   Available Service Implementation Section 206/684-1640

7. King County/Metro Transit Division, Public Transportation Vehicle Roster, Metro

   The Public Transportation Vehicle Roster provides an inventory of buses operated by Metro including the fleet number, make, model, serial number, number of seats and wheelchair capacity.

   Available Revenue Vehicle Contract Management 206/684-1640

8. King County Department of Transportation, 2000 Transportation Budget.

   The 2000 Transportation Budget contains sections on transit capital and operating improvements pertinent to comprehensive plans.

   Available: Transit Budget and Finance Section 206/684-1919.

9. King County/Metro Transit Division, Transit Speed and Reliability Six Year Plan Update (2001-2006), June 1999.

   Lists Transit Speed and Reliability current and planned projects in the King County Region.

   Available: Speed and Reliability Section 206/263-7387

10. King County Metro Transit Division. Transit Operating Facilities Strategic Plan, October 1999, Metro Transit.

    The plan lists existing bus base facilities and provides recommendations for meeting projected bus base capacity demand from 1998 through 2020 and beyond.

    Available: Metro Transit Power and Facilities 206/684-1846.

11. King County Department of Transportation, 2002-2007 Transit Development Plan (Year 2000 DRAFT).

    The six-year transit development plan outlines how the County intends to meet state and local long-range priorities for public transportation, capital improvements, significant operating changes planned for the system, and how to fund program needs.

    Available: Currently under development.

III. King County Travel Demand Forecasting Model

The King County travel demand model with 1300 travel analysis zones (TAZ) was developed in 2001 with assistance of consultants. The land use and network data of King County travel model are consistent with the Puget Sound Regional Council (PSRC) travel model. The model was updated in 2003 based on new 2000 Census data and adopted GMPC land use data for King County Comprehensive Planning use.

King County travel demand forecasting model, like most travel models in the U.S., involves four submodels: trip generation, trip distribution, mode choice, and traffic assignment.

- Trip Generation:
  In the cross-classification trip generation process, the land use quantities and household demographics in each TAZ are translated into person trip ends by trip purpose using trip generation rates for each land use variable.

- Trip Distribution
  Trip distribution is used to forecast the number of trips from a particular zone to every other zone by trip purpose. The distribution is based on the number of person trip ends generated for each of the two zones and on factors that relate the likelihood of travel between any two zones to the travel time (or cost) between two zones.

- Mode Choice
  Mode choice estimates the proportions of the total person trips using transit, ridesharing, and single occupant vehicles for travel between each pair of zones. Vehicle driver splits for the entire King County travel model area are taken directly from PSRC forecasting.

- Traffic Assignment
  In the traffic assignment submodel, an origin/destination trip table is developed to reflect vehicle trips from one zone to another for the analysis period. These trips are then assigned to travel routes available between the zones with separate assignments for single occupant and multi-occupant vehicles. The King County travel demand model uses three time periods (AM peak period, PM peak period, and off-peak period). PM peak hour assignments are factored from the PM peak period.

A. Network Development

Base Network

The Y2003 base year model network includes all roadway improvements completed through the summer of 2003. The primary foundation for the base year network is a field survey conducted during the summer of 2001. This field survey collected data on the number of lanes and speed limits for all arterials within King County, northern Pierce County, and southern Snohomish County. This work was supplemented by a more targeted field survey of programmed capital projects conducted in August of 2003 to confirm if they were indeed open as scheduled.

Y2022 Committed Network

The Y2022 forecast year committed transportation network includes projects anticipated to be complete by 2022. It represents the minimum roadway network alternative and is used to help identify additional needs. Projects for the committed network were selected from the following sources:

1. Destination 2030, Puget Sound Regional Council, May 2003. Selected projects include those identified for completion by 2022.
2. Projects observed as under construction during the August 2003 field survey.
3. The 2003-8 Capital Improvement Program, Road Services Division, King County Department of Transportation.
4. State projects funded out of the recently-enacted, five-cent increase in the statewide gasoline tax.
5. Selected projects identified by the Regional Transportation Investment District.

The final project list includes major widening projects that add general purpose or HOV lanes to existing roadways, entirely new roadways, or new interchanges connecting to limited-access freeways. The project list does not include operational projects at intersections, signalization, minor widening, major maintenance, or projects that only benefit transit and/or nonmotorized modes. While the majority of projects on the Y2022 list are within King County, major capacity improvements in the areas bordering King County within Pierce and Snohomish Counties were also included. Additionally, any capacity improvement to a limited-access freeway anywhere in Pierce or Snohomish County was included.

Alternative Networks

Alternative networks will be developed for 2022 to address needs identified from the analysis of the committed network. These will be used along with other information to develop the Transportation Need Report which is the transportation capital facilities element of the Comprehensive Plan.

B. 2022 Committed Network Projects

King County Comprehensive Plan Model
2022 Committed Network Projects

Project Name	From	To	Description	Jurisdiction	County
Auburn Way NE	2nd St NE	4th St NE	Widen to 5 lanes	AUBURN	King County
M St NE	E Main	8th St NE	Widen to 5 lanes	AUBURN	King County
M St SE	E Main	Auburn Way S	Widen to 4 lanes	AUBURN	King County
S 277th St	Auburn Way N	Green River	Widen to 5 lanes	AUBURN	King County
S 277th Street	SR-181	SR-167	Widen to 4 lanes	AUBURN	King County
148th Ave SE	SE 24th St	I-90 WB on ramp	Add SB lane from SE 24 ST to the WB I-90 on-ramp	BELLEVUE	King County
Bellevue Way	South Bellevue P & R	I-90	Add HOV lanes	BELLEVUE	King County
Coal Creek Pkwy	I-405	Newport Way	Widen to 5 lanes	BELLEVUE	King County
Factoria Blvd	SE 36th St	SE 38th St	Construct SB Lane on 128TH from 36TH to 38TH	BELLEVUE	King County
Richards Road	SE 28th St	Lake Hill Connector	Widen to 4-5 lanes	BELLEVUE	King County
Ambaum Blvd SW	SW 128th St	SW 148th St	Widen to 5 lanes	BURIEN	King County
SR 99	S 216th St	Kent-Des Moines Road	Add HOV lanes	DES MOINES	King County
SR-410	244th Ave SE	Enumclaw ECL	Widen to 3 lanes	ENUMCLAW	King County
16th Ave S	SR-99	SR-18	Add HOV lanes	FEDERAL WAY	King County
1st Ave S	S 348th St	S 356th St	Widen to 5 lanes	FEDERAL WAY	King County
1st Ave/Wy S	S 320th St	S 348th St	Widen to 6 lanes	FEDERAL WAY	King County
21st Ave SW	SW 344th St	SW 356th St	Widen to 5 lanes	FEDERAL WAY	King County
23rd Ave S	S 317th St	S 324th St	Widen to 5 lanes	FEDERAL WAY	King County
Military Rd S	S 288th St	S 304th St	Widen to 5 lanes	FEDERAL WAY	King County
S 288th St	18th Ave S	Military Rd	Add 1 GP lane in each direction	FEDERAL WAY	King County

King County Comprehensive Plan Model
2022 Committed Network Projects

Project Name	From	To	Description	Jurisdiction	County
S 320th St	1st Ave S	SR 99	Add HOV lanes	FEDERAL WAY	King County
S 336th / S 340th St	26th Pl SW	Hoyt Rd SW	Widen to 5 lanes	FEDERAL WAY	King County
S 336th/S 348th St	9th Ave S	13th Pl S	Add 1 GP lane in each direction	FEDERAL WAY	King County
S 336th/S 348th St	1st Ave S	21st Ave SW	Add 1 GP lane in each direction	FEDERAL WAY	King County
S 348th St	9th Ave S	SR 99	Add HOV lanes	FEDERAL WAY	King County
S 348th St	1st Ave S	9th Ave S	Add HOV lanes	FEDERAL WAY	King County
S 356th St	SR 99	SR 161	Widen to 3 lanes	FEDERAL WAY	King County
S 356th St	21st Ave S	SR-99	Widen to 5 lanes	FEDERAL WAY	King County
SR 99	S 312th St	S 324th St	Add HOV lanes	FEDERAL WAY	King County
SR 99	S 284TH ST	SR 509	Add HOV lanes	FEDERAL WAY	King County
SR 99	SR 509	S 312th St	Add HOV lanes	FEDERAL WAY	King County
SR 99	S 324th St	S 340th St	Add HOV lanes	FEDERAL WAY	King County
SR 99	S 340th St	S 356th St	Add HOV lanes, 2-way left-turn lane	FEDERAL WAY	King County
SR 99	S 312th St	S 324th St	Construct HOV lanes	FEDERAL WAY	King County
SR 161	SR-18	S 352nd St	Add HOV lanes	FEDERAL WAY	King County
E Lake Sammamish Pkwy	SE 56th St	I-90	Widen to 5 lanes	ISSAQUAH	King County
Issaquah bypass	Front St	I-90	Construct new 5 lane arterial	ISSAQUAH	King County
Newport Way	W. Sunset Wy	NW Maple St	Widen to 3 lanes	ISSAQUAH	King County
NW Maple St	SR 900	SE Newport Way	Extend NW Maple 650 ft from SR-900 to Newport Way, 5 lanes	ISSAQUAH	King County
SE Newport Wy	Maple St extension	SE 54th St	Widen to 3 lanes	ISSAQUAH	King County

King County Comprehensive Plan Model
2022 Committed Network Projects

Project Name	From	To	Description	Jurisdiction	County
SE Newport Wy	SR-900	SE 54th St	Widen to 3 lanes	ISSAQUAH	King County
68th Ave NE	NE 175 St	NE 185 St	Widen to 6 lanes	KENMORE	King County
68th Ave NE	N 175th St	Samm River Brdge	Add 1 NB GP lane	KENMORE	King County
132nd Ave SE	SE 272ND ST	SE 256TH ST	Widen to 5 lanes	KENT	King County
132nd Ave SE	SE 240th St	SE 256th St	Widen to 3 lanes	KENT	King County
S 196th/S 200th St	SR-181	E Valley Hwy	Provide 5-lane roadway	KENT	King County
S 208th St	SR-167	108th Ave SE	Widen to 5 lanes	KENT	King County
SE 192nd St Corridor	SR 167 Bridge	Talbot Rd	Build new 5-lane arterial	KENT	King County
SR 99	Kent-Des Moines Road	South 252nd Street	Add HOV lanes	KENT	King County
SR 99	South 252nd Street	South 272nd Street	Add HOV lanes	KENT	King County
W Valley Hwy	Hawley Rd	S 272 St	Widen to 5 lanes	KENT	King County
W Valley Hwy	James Street	Green River Bridge	Widen to seven lanes (two general purpose lanes, and one HOV lane in each direction, plus turn lanes) from Harrison St to SR-516, and four lanes S to the	KENT	King County
100th Ave NE	NE 145th St	NE 139th St	Widen to 5 lanes	KING COUNTY	King County
124th Ave NE	NE 132nd St	NE 145th St	Widen to 3 lanes	KING COUNTY	King County
140th Ave SE	SE 177th St	SE 197th St	Widen to 5 lanes	KING COUNTY	King County
150th Ave SE	SE 36th St	Newport Way	Widen to 7 lanes	KING COUNTY	King County
Avondale Rd	NE 155th St	NE 168th St	Widen to 3 lanes	KING COUNTY	King County
Avondale Rd	Woodinville-Duvall Rd	NE 155th St	Widen to 3 lanes	KING COUNTY	King County
Avondale Rd	NE 133 St	NE 155th	Widen to 3 lanes	KING COUNTY	King County
Coal Creek	SE 79th St	Renton C/L	Widen to 4 lanes	KING COUNTY	King County

King County Comprehensive Plan Model
2022 Committed Network Projects

Project Name	From	To	Description	Jurisdiction	County
Issaquah-Fall City Rd	Klahanie Dr	SE 48th St	Widen to 5 lanes	KING COUNTY	King County
Issaquah-Fall City Rd	Issq-Pine Lake Rd	Black Nugget Rd	Add 2-way left turn lane	KING COUNTY	King County
Issaquah-Fall City Rd/Duthie Hill Rd	272nd Pl SE	Issaquah Pine Lake Rd	Widen to 5 lanes w/o Klahanie, 3 lanes to the east	KING COUNTY	King County
Lakepoint Drive	68th Ave NE	SR-522	Build 5 lane roadway	KING COUNTY	King County
Military Rd	S 304th St	S 320th St	Widen to 5 lanes	KING COUNTY	King County
Military Rd	S 320th St	S 340th St	Widen to 3 lanes	KING COUNTY	King County
NE 124th / 128th St	Avondale Rd	SR 202	Widen to 5 lanes	KING COUNTY	King County
NE 124th St	SR-202	132nd Pl NE	Widen to 5 lanes	KING COUNTY	King County
NE 132nd/NE 128th St	184th Ave NE	196th Ave NE	Widen to 5 lanes	KING COUNTY	King County
Newport Way	Eastgate Park Entrance	Issaquah WCL	Add two-way left turn lane	KING COUNTY	King County
Novelty Hill Rd	Avondale Rd	244th Ave NE	Widen to 3 lanes	KING COUNTY	King County
S 277th St	SR-181	Auburn Way N	Widen to 5 lanes	KING COUNTY	King County
S 321st St	Military Rd	51st Ave S	Widen to 4 Lanes	KING COUNTY	King County
Sahalee Way	SR-202	NE 50th St	Widen to 4 lanes	KING COUNTY	King County
SE 212th Wy/SE 208th St	SR 167	Benson Rd/SR 515	Widen to 6 lanes	KING COUNTY	King County
SE 27th St - Duthie Hill Rd	272nd Pl SE	SR-202	Add Hill Climb Lane	KING COUNTY	King County
SE 312th St	112th Ave SE	132nd Ave SE	Widen to 3 lanes	KING COUNTY	King County
SE Carr Rd	108th Ave SE	SR 167	Add uphill lane	KING COUNTY	King County
SE Newport Wy	138th Ave SE	Eastgate Park Entrance	Widen to 3 lanes	KING COUNTY	King County
SPAR - North Link	Grandridge	Issaquah-Fall City Rd	Grandridge to Issaquah-Fall City Rd.	KING COUNTY	King County

King County Comprehensive Plan Model
2022 Committed Network Projects

Project Name	From	To	Description	Jurisdiction	County
124th Ave NE	NE 85th St	NE 124th St	Widen to 3 lanes	KIRKLAND	King County
NE 124th St	116th Ave NE	132nd Pl NE	New HOV lanes	KIRKLAND	King County
SR 169	SE 231 St	Wax Rd	Widen to 7 lanes	MAPLE VALLEY	King County
SR 169	SE 240 St	SE 253 St	Widen to 5 lanes	MAPLE VALLEY	King County
Newcastle Road/Lakemont Blvd	Coal Creek Parkway	164th Way SE	Widen to 3 lanes	NEWCASTLE	King County
Bel-Red Rd	NE 30th ST	NE 40th ST	Widen to 5 lanes	REDMOND	King County
East Lake Sammamish Pkwy	Redmond Way	187th AVE NE	Widen to 4 lanes	REDMOND	King County
Redmond Way	148th Ave NE	I-405	Construct HOV lanes	REDMOND	King County
Redmond-Woodinville Rd	160TH AVE NE	NE 124th ST	Widen to 5 lanes	REDMOND	King County
Union Hill Road	Avondale Rd	178th Pl NE	Widen to 6 lanes	REDMOND	King County
W Lk Sammamish Pkwy	Leary Way	SR-520	Widen to 5 lanes	REDMOND	King County
W. Lk. Sammamish Pkwy. NE	Marymoor Park Entrance	NE 51st St	Widen roadway from 2 to 4 lanes	REDMOND	King County
Duvall Ave NE	NE 4th St	NE 25th Ct	Widen to 5 lanes	RENTON	King County
Oakesdale Ave SW	Monster Rd	SR 900	Widen to 5 lanes	RENTON	King County
Park Dr-Sunset Blvd	Garden Ave	I-405	Add EB HOV lane	RENTON	King County
SW 27th St	SR-167	SR 181	Construct HOV lanes on SW 27 St, and extend arterial to Strander Blvd	RENTON	King County
228th Ave SE	SE 8th St	NE 4th St	Widen to 5 lanes	SAMMAMISH	King County
244th Ave NE	SE 8th Street	Just s/o SR-202	Provide continuous 2-lane arterial	SAMMAMISH	King County
Sahalee Way NE	NE 8th	NE 37th	Widen to 5 lanes	SAMMAMISH	King County
Sahalee Way NE	NE 37th	SR 202	Widen to 5 lanes	SAMMAMISH	King County

King County Comprehensive Plan Model
2022 Committed Network Projects

Project Name	From	To	Description	Jurisdiction	County
28th/24th Ave S	S 188th St	S 216th St	Build new 5-lane road	SEATAC	King County
International Blvd	S 152nd St	S 170th St	Widen to 6 lanes with turn channelization	SEATAC	King County
International Blvd	S 200th Street	S 216th Street	Widen to 7 lanes	SEATAC	King County
S 154th St	SR 518	24th Ave S	Widen to 4 lanes	SEATAC	King County
S 188th St	16th Ave S	Des Moines Memorial Drive	Widen to 6 lanes	SEATAC	King County
S 200th St	SR 509	Des Moines Memorial Drive	Widen to 3 lanes	SEATAC	King County
South Airport Link	28th Ave S	S 188th St	New construction	SEATAC	King County
Mercer Street Corridor	Queen Anne Ave	I-5	Convert to 2-way 4-6 lane road	SEATTLE	King County
Valley Street	Queen Anne Ave	I-5	Convert to 2-way 2-lane road	SEATTLE	King County
I-5/NE 185th St			Add HOV direct access ramp	SHORELINE	King County
SR 99	N 205th St	N 145th St	Widen to 7 lanes for HOV	SHORELINE	King County
I-405 @ NE 128th St			I-405 HOV direct access at NE 128th	SOUND TRANSIT	King County
I-405 @ NE 8th St			New HOV-access IC	SOUND TRANSIT	King County
E Marginal Way	Boeing Access Road	S 112th St	Widen to 3 lanes	TUKWILA	King County
Avondale Rd	Novelty Hill Rd	Avondale Way	Add SB HOV lane	WSDOT	King County
I-405	SR-527	I-5 Tukwila	Add 2 GP lanes in each direction	WSDOT	King County
I-405 @ NE 132nd St			Add half-diamond IC	WSDOT	King County
I-5	N 175th St	N 205th St	Add 1 NB lane	WSDOT	King County
I-5	Pierce CL	Kent	Complete 2-way HOV lanes	WSDOT	King County
I-5	Airport/Industrial Way Interchange Vicinity		HOV direct access to Industrial Way and the E-3 Busway.	WSDOT	King County

King County Comprehensive Plan Model
2022 Committed Network Projects

Project Name	From	To	Description	Jurisdiction	County
I-5/SR-18/SR-161 Triangle			Connect SR-161 directly to I-5/SR-18	WSDOT	King County
I-90	Eastgate	Issaquah	Extend HOV lanes to Front Street and add auxiliary lanes from Eastgate to Front Street.	WSDOT	King County
I-90	I-5	I-405	Add one lane HOV each direction, thru restriping	WSDOT	King County
NE 85th St	148th Ave NE	Kirkland Way	Add HOV lanes	WSDOT	King County
SR 167	SR-18	15th St NE	Add HOV lanes	WSDOT	King County
SR 167	I-405	S 180th St	Add 2 lanes in each direction	WSDOT	King County
SR 167@ SW 27th St			HOV Direct Access Ramps at SW 27th St.	WSDOT	King County
SR 169	140th Way SE	I-405	Add HOV lanes	WSDOT	King County
SR 169	Black Diamond NCL	SR 516	Widen to 5 lanes	WSDOT	King County
SR 169	SR 516	SE Jones Road	Widen to 4 lanes	WSDOT	King County
SR 18	I-5 I/C	SR 164 I/C	Add HOV lanes both ways the entire segment, and a WB truck climbing lane from SR 167 to I-5	WSDOT	King County
SR 18	180th Ave SE (Covington)	I-90	Widen to 4 lanes	WSDOT	King County
SR 202	SR 522	NE 145th St./148th Ave NE	Widen to 5 lanes	WSDOT	King County
SR 509	1st Ave S	SR 99	Widen to 3 lanes	WSDOT	King County
SR 509/I-5	S 188th Way	S 272nd St	Extend SR 509 (4 GP + 2 HOV) to I-5 @ SW 210th, add 1 GP each way on I-5 from S 204th St to S 272nd St	WSDOT	King County
SR 516	SR 18	SR 169	Widen to 5 lanes	WSDOT	King County
SR 518	SR 518/SR 509 I/C	I-5	Add GP Lanes each way	WSDOT	King County
SR 520	W Lake Sammamish Parkwa	Avondale Road	Widen to 4 lanes	WSDOT	King County
SR 520	Redmond	I-5	Add 1 GP lane in each direction	WSDOT	King County
SR 520	I-5	W Lake Sammamish Parkwa	Add HOV lanes	WSDOT	King County

King County Comprehensive Plan Model
2022 Committed Network Projects

Project Name	From	To	Description	Jurisdiction	County
SR 522	96th Ave NE	Woodinville	HOV lanes to I-405, Complete full diamond I/C @ NE 195th St	WSDOT	King County
SR-161	Jovita Blvd	S 360th St	Widen to 5 lanes	WSDOT	King County
SR-167	15th St SW	15th St NW	Add NB HOV lane	WSDOT	King County
SR-18	Maple Valley	Issaquah-Hobart Rd	Widen to 4 lanes	WSDOT	King County
SR-202	E Lk Samm Pky	Sahalee Way	Widen to 5 lanes	WSDOT	King County
SR-519 Extenstion	I-90	1st Ave S	Extend freeway around ballpark	WSDOT	King County
SR-520	W Lk Sammamish Pkwy	SR-202	Add 2-way HOV lanes	WSDOT	King County
SR-900	I-90	SE 78th St St	Widen to 4 lanes	WSDOT	King County
SR-99	S 284th St	S 272nd St	Add 2-way HOV lanes	WSDOT	King County
SR-99 (Pacific Highway South)	S 348th St	S 188th St	Provide continuous HOV lanes	WSDOT	King County
Sunset Interchange			Expand to full interchange	WSDOT	King County
8th St E	E Valley Hwy E	W Valley Hwy	Widen to 5 lanes	PIERCE COUNTY	Pierce County
Lake Tapps Pkwy E	182nd Ave E	East Valley Hwy	Extend arterial from EVH to 182nd & widen to 4/5 lanes	PIERCE COUNTY	Pierce County
Valley Ave E/70th Ave E	Freeman Rd E	20th St E	Widen to 5 lanes	PIERCE COUNTY	Pierce County
SR-410	SR-167	Bonney Lake	Add 1 lane in each direction + EB hillclimb lane	SUMNER	Pierce County
Norpoint Way	49th Ave NE	29th St NE	Provide 3-lane roadway	TACOMA	Pierce County
I-5	DuPont Rd U-xing	Fort Lewis Rd	Add HOV lanes in both directions, and NB GP lane	WSDOT	Pierce County
I-5	Fort Lewis Rd	Gravelly Lake Dr U-xing	Add HOV lane in both directions	WSDOT	Pierce County
I-5	Gravelly Lake Dr U-xing	Carlyle Rd U-xing	Add SB HOV lane & convert NB GP lane to HOV	WSDOT	Pierce County
I-5	Carlyle Rd U-xing	Pierce CL	Add HOV lanes in each direction	WSDOT	Pierce County

King County Comprehensive Plan Model
2022 Committed Network Projects

Project Name	From	To	Description	Jurisdiction	County
SR-16	I-5	SR-302	Add HOV lanes in each direction	WSDOT	Pierce County
SR-161	Jovita Blvd	36th St	Widen to 5 lanes	WSDOT	Pierce County
SR-161	176th St	234th St	Widen to 5 lanes	WSDOT	Pierce County
SR-167	I-5	Puyallup	Build new six-lane freeway (2 GP + 1 HOV each direction)	WSDOT	Pierce County
SR-167	SR-18	SR-161	Add HOV lanes in each direction	WSDOT	Pierce County
SR-167	I-5	Port of Tacoma	Build new six-lane freeway (2 GP + 1 HOV each direction)	WSDOT	Pierce County
SR-167 @ 24th Ave E			Build new interchange	WSDOT	Pierce County
SR-410	214th	234th	Add 1 lane in each direction	WSDOT	Pierce County
SR-410	214th Ave E	Park Ave Wy	Widen to 4 lanes	WSDOT	Pierce County
SR-99	Porter Wy	King CL	Add 2-way LTL	WSDOT	Pierce County
I-405	SR-522	I-5 Swamp Creek	Add 2 GP lanes in each direction	WSDOT	Snohomish County
I-405	SR-527	I-5 Swamp Creek	Add 1 HOV lane in each direction	WSDOT	Snohomish County
I-405 @ 240th St SE			Add a new diamond interchange	WSDOT	Snohomish County
I-5	SR-526	SR-2	Add HOV lanes	WSDOT	Snohomish County
I-5	44th Ave W	220th St SW	Add NB auxiliary lane	WSDOT	Snohomish County
I-5	SR-2	SR-528	Add 1 HOV lane in each direction	WSDOT	Snohomish County
SR-2	SR-522	City of Monroe ECL	Add new 2-lane bypass road	WSDOT	Snohomish County
SR-2	I-5	SR-204	Add 1 Hov lane in each direction	WSDOT	Snohomish County
SR-2	City of Monroe ECL	City of Sultan WCL	Widen to 4 lanes	WSDOT	Snohomish County
SR-2	City of Sultan WCL	Fir Rd (near Proctor Creek)	Widen to 4 lanes	WSDOT	Snohomish County

King County Comprehensive Plan Model
2022 Committed Network Projects

Project Name	From	To	Description	Jurisdiction	County
SR-522	Snohomish River	SR-2	Widen to 4 lanes	WSDOT	Snohomish County
SR-522	SR-9	SR-2	Widen to 4 lanes	WSDOT	Snohomish County
SR-524	I-5	SR-527	Widen to 5 lanes	WSDOT	Snohomish County
SR-525	I-5	SR-99	Widen to 4-lane freeway, HOV lanes	WSDOT	Snohomish County
SR-527	SR-524	SE 228th St	Add HOV lanes	WSDOT	Snohomish County
SR-9	SR-522	176th St E	Widen to 5 lanes	WSDOT	Snohomish County
SR-99	SR-104	204th	Add 1 HOV lane in each direction	WSDOT	Snohomish County

C. Land Use Data Development Process

As the primary regional planning agency for the Central Puget Sound area, the Puget Sound Regional Council (PSRC) is a traditional source for travel forecast modeling data by area jurisdictions including King County. For the King County Comprehensive Plan (Comp Plan) update, however, adopted 20-year growth targets from the Growth Management Planning Council (GMPC) were required to be used as the policy foundation for travel forecast model development. This appendix summarizes the reconciliation of those two sources.

Modeling begins with development of "base year" land use information. Land use data required for our model base year, 2000, included, households, and jobs by small subareas for King County. Initial work on Comp Plan land use focused on examining differences between the two sources, as part of ongoing coordination with the PSRC regarding consistency between the two datasets. This effort was complicated by the fact that the two datasets were derived using very different processes (Policy-based vs. econometric models), geographies (City boundaries vs. transportation analysis zones), time horizons (Y2020 vs. Y2001-2022 growth), and products (Household & Job forecasts by sector vs. HH & Job growth policy targets). PSRC and GMPC assumptions continue to move in the direction of greater consistency, however, as coordination efforts continue.

In order to translate GMPC data into a format suitable for travel model use, a methodology was developed to first create an equivalency between GMPC geography (Cities & unincorporated areas), and PSRC model zones (TAZs). Where equivalencies were difficult to determine (TAZs with multiple jurisdictions), a labor-intensive review at the King County model zone level was used to determine geographic allocations of GMPC growth data to TAZs. Once all equivalencies were determined, PSRC and GMPC data were compared at the city and unincorporated jurisdiction level for management review and reasonableness checking of growth assumptions. Reviewers were satisfied that the allocated data accurately reflected GMPC policy, even though the numbers did not precisely match due to the geographic differences.

Once GMPC growth data totals were translated into TAZ format, job growth totals were allocated to sectors using PSRC Y2020 proportions. All Households and Jobs were then translated from PSRC TAZs to King County Model zones (SAZs), using TAZ to SAZ relationships developed for the KC Y2000 travel model development process. (Refer to the King County Model SAZ Map.) Once this allocation was complete, adjustments were made to the growth data. KC Transportation Concurrency program approval information was included as a check on zonal growth information, with Concurrency approvals being compared to allocated GMPC growth data to ensure that "pipeline" growth was accounted for. Also included was a review with Concurrency staff of more specific, local data for the largest new developments in King County (Issaquah Highlands, Snoqualmie Ridge, Bear Creek UPDs). Using this growth information and additional management direction, land use growth data was finalized.

The resulting growth increment (Y2001-2022) was then added to KC travel model Y2000 land use data to derive the final KC (Y2022) Comprehensive Plan Update travel model land use. This data was then input into standard PSRC trip generation processes, resulting in a person trip end file of productions and attractions, by trip type, by KC model zone. This file was used as input for the remaining steps in the KC Travel model development process

The results of these procedures include (a) a detailed table of Y2000 and future Y2022 households and jobs forecasted for each SAZ in King County; (b) a table showing productions and attraction by trip purpose and total trip ends for each zone; and (c) maps of future traffic flows expected on State and King County roads. The 2022 forecast volumes shown in the flow maps are unadjusted planning level numbers based on regional assumptions for road improvements and growth assumptions. More detailed corridor analysis may produce results different from those presented in the report.

Countywide totals of Y2000 and future growth levels approximate current land use and targeted growth but do not match them precisely. Geographic allocation issues, and other discrepancies between our two sources, including methodology differences and additional growth adjustments prevented reaching a perfect correspondence. However, these discrepancies constitute a very small percentage of total household and job growth and are not expected to significantly affect traffic volumes and facility needs.

D. Y2000 and Y2022 Households and Jobs by KC Model Zone

King County Comprehensive Plan Update
Travel Model Development
Y2000 and Y2022 Households and Jobs, by KC Model zone

Household and Job data developed for KC Comp. Plan Update regional travel model, per documented Comp Plan land use assumptions and available data.

KC Model zone	*Y2000 Households*	*Y2000 Jobs*	*Y2022 Households*	*Y2022 Jobs*
1	1153	334	1281	385
2	2201	1483	2433	1756
3	2454	2161	2736	2349
4	847	357	977	562
5	202	23	227	38
6	2521	688	2837	938
7	764	38	856	64
8	497	99	654	184
9	1001	49	1316	82
10	332	876	1533	2209
11	856	251	958	401
12	1430	662	1576	896
13	1765	688	2100	917
14	910	433	1035	632
15	1330	692	1469	729
16	1393	2491	1549	2648
17	1760	306	1943	357
18	260	5825	284	5861
19	1069	2276	1185	2459
20	1239	693	1373	733
21	843	272	937	340
22	1598	962	1878	1368
23	0	395	0	608
24	1689	581	1915	810
25	2677	3239	2976	3892
26	1406	412	1571	527
27	1971	398	2193	493
28	1061	371	1266	546
29	3221	2183	3856	2655
30	1384	108	1563	133
31	958	240	1060	272
32	1915	1066	2230	1303
33	1532	4778	1850	5919
34	1580	257	1858	328
35	2066	1401	2314	1702
36	1063	205	1159	288
37	853	66	898	87
38	1159	55	1243	59
39	797	554	868	737
40	1610	782	1758	839
41	1197	510	1295	673
42	1545	494	1680	527

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
43	2034	2270	2537	3302
44	1171	4196	1585	5933
45	1646	4403	2102	6387
46	1929	6297	2498	7094
47	1904	482	2458	716
48	2200	1215	2454	1322
49	1247	513	1359	572
50	1194	313	1286	338
51	1804	662	1947	755
52	1067	100	1139	112
53	840	94	885	105
54	1782	266	1930	300
55	2409	729	2589	809
56	1834	533	1979	610
57	2143	558	2329	552
58	1148	489	1255	534
59	2	107	2	114
60	1120	225	1199	229
61	1953	1686	2270	1587
62	2033	925	2164	937
63	610	80	648	102
64	546	482	598	480
65	943	465	998	503
66	1276	533	1363	557
67	1155	355	1240	363
68	1059	772	1108	858
69	1213	144	1303	152
70	26	1292	26	1511
71	1383	297	1524	322
72	1303	411	1451	450
73	1052	289	1142	316
74	885	582	977	591
75	1041	181	1111	224
76	1272	2544	1526	2802
77	2304	1606	2569	1846
78	824	626	881	619
79	973	210	1062	408
80	919	150	1005	167
81	486	153	516	164
82	1904	1090	2067	1102
83	1493	175	1655	260
84	954	297	1057	426
85	2066	259	2285	395
86	2211	792	2455	1039
87	1504	801	1685	1028
88	1902	5214	2117	6837
89	965	2924	1067	3587
90	2162	1964	2400	2542
91	3377	4009	3904	4462
92	1730	2770	1946	3178

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
93	2387	2881	2677	3021
94	1609	993	1763	1036
95	2436	2295	2826	2671
96	1978	7102	2323	8154
97	64	2664	209	2756
98	0	59503	0	63973
99	1584	4045	1686	4087
100	634	187	915	320
101	362	1036	522	1779
102	657	161	947	354
103	102	56	183	102
104	692	669	921	903
105	296	666	394	807
106	103	730	139	848
107	949	128	1259	210
108	686	296	895	390
109	623	493	814	671
110	0	3484	0	4177
111	9	3106	11	2957
112	545	201	724	265
113	1334	202	1755	253
114	0	1819	0	2139
115	447	1283	684	1542
116	0	2187	0	2401
117	474	348	726	583
118	158	84	242	151
119	201	16	226	59
120	245	20	275	24
121	320	93	358	115
122	272	215	306	243
123	367	440	529	598
124	74	7	87	15
125	654	215	784	373
126	351	4	419	5
127	52	203	69	264
128	198	408	219	546
129	149	23	255	37
130	294	57	328	80
131	707	199	917	268
132	577	362	619	403
133	477	45	506	46
134	831	581	881	603
135	942	37	1226	64
136	684	977	889	1449
137	641	648	824	1022
138	38	9	38	10
139	521	62	548	65
140	400	126	421	247
141	640	94	768	158
142	529	15	635	20

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
143	429	432	553	641
144	636	47	761	96
145	795	159	848	160
146	241	154	258	165
147	680	40	725	42
148	606	30	665	34
149	892	317	979	327
150	570	96	599	124
151	548	60	628	65
152	1391	412	1528	451
153	443	22	475	24
154	113	287	118	305
155	770	45	865	55
156	196	1144	245	1292
157	295	561	737	781
158	597	1813	744	1744
159	612	100	687	124
160	822	344	1025	384
161	388	127	454	173
162	433	118	513	123
163	180	84	213	90
164	362	31	426	33
165	568	18	666	24
166	1145	5545	1595	7460
167	0	363	0	517
168	582	1691	683	1791
169	0	0	0	0
170	16	1	19	636
171	0	226	0	218
172	391	758	539	966
173	2	85	2	104
174	618	805	849	985
175	105	148	155	182
176	81	87	109	150
177	122	3	167	3
178	123	1	169	1
179	181	15	249	19
180	92	91	129	124
181	187	212	256	296
182	102	66	141	81
183	104	0	116	0
184	49	8	57	9
185	237	519	266	573
186	173	66	196	75
187	277	9	313	10
188	277	1	312	1
189	120	48	129	50
190	99	15	106	17
191	240	15	260	16
192	479	25	519	28

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
193	208	154	225	175
194	105	0	115	0
195	299	187	325	151
196	108	36	119	59
197	186	32	203	32
198	2	0	0	0
199	35	40	38	52
200	328	25	411	36
201	388	190	509	320
202	1553	591	2020	978
203	325	66	423	111
204	147	3006	192	4788
205	240	414	311	558
206	1245	508	1559	726
207	548	1250	662	1184
208	1355	1792	1780	2645
209	319	56	385	69
210	106	268	138	253
211	0	1155	0	1707
212	1603	3789	1949	4038
213	491	133	600	191
214	326	892	412	965
215	618	225	842	239
216	858	1837	1168	2741
217	293	158	397	318
218	0	2643	0	2263
219	446	604	606	790
220	2	0	0	0
221	0	133	0	258
222	113	0	145	0
223	407	2811	516	4171
224	1052	3845	1336	6622
225	298	1161	378	2048
226	81	20	94	26
227	102	7	118	9
228	33	55	39	66
229	448	19	612	35
230	753	563	1030	997
231	319	63	473	105
232	720	67	1067	130
233	446	10	618	18
234	415	65	575	102
235	88	1194	126	2122
236	146	60	204	99
237	991	98	1374	163
238	1171	48	1624	82
239	1021	5274	1331	5923
240	1057	1448	1377	1655
241	435	580	548	712
242	840	505	1058	594

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
243	760	189	1046	352
244	496	316	683	588
245	1015	140	1395	260
246	331	53	455	91
247	455	79	626	147
248	773	121	1066	226
249	744	554	911	682
250	1492	518	1839	605
251	430	85	445	85
252	1175	12536	1446	12613
253	407	643	501	802
254	1027	3168	1094	3233
255	108	29	132	33
256	556	2697	592	2817
257	1411	930	1602	949
258	2355	1467	2676	1628
259	159	10875	222	12227
260	584	48	802	88
261	1691	3047	2368	3877
262	496	20950	695	26776
263	186	6583	260	8648
264	0	7301	0	7826
265	2	5662	0	6573
266	123	9676	136	10020
267	632	205	652	206
268	475	4	490	4
269	422	129	492	161
270	502	3523	586	4002
271	633	1214	742	1406
272	628	48	737	58
273	343	17	394	19
274	600	927	619	926
275	281	176	291	176
276	965	346	1114	418
277	365	12961	1635	21312
278	314	11211	1341	19720
279	332	3671	1481	6241
280	191	6441	813	11153
281	657	3910	762	4608
282	1085	588	1227	600
283	357	83	406	89
284	398	48	411	71
285	423	162	439	212
286	623	4034	705	4899
287	1470	1986	1666	2437
288	878	2460	973	2998
289	690	8557	766	10771
290	252	133	280	164
291	987	218	1118	285
292	1556	832	1748	1006

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
293	477	28	569	144
294	432	11621	515	12318
295	1054	632	1185	765
296	85	3581	104	4144
297	850	116	919	146
298	558	205	604	267
299	739	650	939	1113
300	0	1328	0	2308
301	69	6	120	10
302	2	2248	2	2560
303	243	940	419	1372
304	5	0	8	1
305	22	0	37	1
306	756	102	1116	134
307	1048	537	1548	711
308	1878	547	2773	842
309	899	993	929	1375
310	925	72	958	97
311	2252	809	2565	1196
312	1274	1504	1450	2012
313	536	19	568	32
314	891	31	946	55
315	484	1041	521	1453
316	346	232	372	279
317	695	734	748	1084
318	1165	181	1251	231
319	380	58	409	87
320	371	67	393	79
321	123	3165	130	3659
322	709	5677	719	5757
323	635	47	644	57
324	372	181	378	214
325	1005	113	1022	136
326	0	1525	0	1755
327	0	168	0	225
328	0	3585	0	3865
329	19	708	232	851
330	12	0	14	4
331	48	21	61	33
332	134	0	174	4
333	213	23	272	35
334	60	2	77	6
335	75	6	96	9
336	54	0	67	4
337	31	11	43	7
338	277	15	352	20
339	258	38	328	48
340	289	12	366	15
341	57	0	71	0
342	223	32	283	32

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
343	182	55	230	126
344	71	0	170	0
345	237	55	301	112
346	409	335	520	387
347	201	47	258	51
348	74	0	96	0
349	3	0	1502	40
350	194	28	247	23
351	343	29	435	34
352	78	22	112	61
353	112	139	161	197
354	2	5	2	15
355	355	9	474	126
356	0	0	0	0
357	74	49	88	104
358	732	32	978	35
359	613	26	821	27
360	310	83	554	143
361	32	2	37	5
362	0	0	0	0
363	49	4	67	21
364	122	70	211	111
365	17	522	29	568
366	34	6	58	10
367	106	8	183	14
368	266	29	346	31
369	237	133	307	136
370	0	1	1501	4046
371	280	23	367	25
372	2	0	1752	319
373	7	0	9	0
374	58	1159	100	1763
375	1022	4860	1759	5032
376	13	8	23	14
377	176	66	304	105
378	195	158	251	235
379	117	99	150	126
380	110	87	141	375
381	284	85	368	168
382	200	43	238	62
383	18	12	88	13
384	710	38	853	53
385	142	1	171	1
386	378	131	453	185
387	1133	45	1339	63
388	319	141	382	161
389	791	70	935	90
390	400	41	475	56
391	236	12	280	14
392	213	261	253	304

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
393	291	53	476	75
394	265	30	313	39
395	496	13	587	18
396	238	195	268	244
397	100	70	220	92
398	550	385	620	436
399	1218	482	1888	588
400	38	19	43	36
401	25	1042	31	1043
402	844	75	997	99
403	710	181	1231	420
404	217	1	423	1
405	79	7	155	12
406	8	15	18	29
407	34	72	67	72
408	0	0	0	0
409	14	1	138	1
410	8	0	18	0
411	361	28	746	71
412	89	647	185	1176
413	138	67	268	107
414	182	2	353	5
415	70	7	294	17
416	1062	57	2074	152
417	2	0	2	0
418	3	0	26	34
419	810	578	879	662
420	285	129	558	196
421	811	77	879	110
422	1026	85	1112	120
423	2146	87	2354	207
424	179	168	196	230
425	173	11	1003	14
426	177	15	192	65
427	22	78	314	86
428	90	148	571	186
429	2	125	2	280
430	0	7	0	17
431	2	0	2	6
432	460	464	655	965
433	59	1	84	2
434	0	24	0	24
435	179	0	255	0
436	8	0	11	0
437	34	4	48	11
438	48	6	68	11
439	450	93	641	381
440	319	21	457	84
441	356	308	415	290
442	203	157	238	168

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
443	753	43	1030	76
444	10	0	21	0
445	30	9	48	27
446	0	0	171	0
447	26	7	44	18
448	65	0	105	74
449	94	6	151	17
450	47	2	76	6
451	70	0	96	1
452	771	264	915	523
453	138	84	220	244
454	177	1154	282	2168
455	256	0	41	0
456	46	232	74	675
457	0	0	2392	104
458	0	0	0	0
459	9	0	710	3751
460	0	191	312	7781
461	166	14	188	14
462	2	123	13	136
463	1531	597	1742	569
464	1977	138	2115	167
465	1426	402	1514	534
466	968	375	1073	378
467	1191	147	1295	160
468	1553	825	1676	829
469	636	3822	682	3739
470	1058	4079	1112	5126
471	2217	1847	2492	1781
472	539	4574	599	4948
473	2381	2836	2719	3043
474	3306	7957	7637	10880
475	1417	1602	1556	1696
476	4930	1712	5726	1911
477	2192	394	2459	432
478	1135	14489	3190	19958
479	48	3323	251	4488
480	2514	4497	2943	4611
481	599	330	615	346
482	1511	7628	4080	11688
483	2316	1172	2623	1214
484	919	292	919	307
485	1310	263	1371	274
486	584	442	585	461
487	2173	1115	2388	1159
488	0	4233	22	5730
489	596	8771	1410	11808
490	6824	4280	7616	4845
491	4001	5880	4447	6477
492	1834	3062	1997	3712

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
493	645	656	707	797
494	1172	514	1288	632
495	1443	132	1580	160
496	623	26	680	33
497	734	496	802	589
498	1741	1137	1877	1386
499	1327	10072	1486	11001
500	707	3409	760	4136
501	1120	542	1195	695
502	1065	91	1150	109
503	1081	493	1181	619
504	969	6835	1593	7535
505	0	78	0	172
506	605	5371	605	5712
507	0	2151	0	2232
508	755	2612	1530	2811
509	390	4464	499	4804
510	824	6111	875	7130
511	1480	1853	1811	1858
512	630	4061	771	3903
513	1268	1555	1383	1862
514	838	2577	1005	2293
515	885	98	967	122
516	935	249	1048	292
517	573	563	686	602
518	9	1030	9	1075
519	133	19403	172	19541
520	0	6965	0	7217
521	254	7357	340	7605
522	1457	3409	1839	3925
523	1297	1500	1636	1721
524	882	1336	1121	1442
525	1212	97	1406	122
526	60	0	72	0
527	1974	304	2345	315
528	1581	1124	1901	1169
529	811	492	976	532
530	1670	578	2009	684
531	1230	242	1480	289
532	152	10214	234	11287
533	343	7288	425	6915
534	643	578	777	654
535	600	705	872	777
536	2111	618	2557	669
537	844	602	1010	646
538	2009	998	2535	1394
539	994	267	1255	371
540	892	129	1144	163
541	685	2693	888	2915
542	0	9117	0	8314

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
543	472	1214	782	1818
544	1412	64	1770	88
545	336	62	441	79
546	1162	91	1480	123
547	966	30	1073	47
548	533	124	753	254
549	236	110	336	237
550	529	214	587	262
551	537	345	597	399
552	804	302	895	348
553	482	36	574	79
554	102	252	245	292
555	929	63	1352	184
556	226	28	294	32
557	367	18	413	24
558	742	550	1029	1409
559	2465	5126	3379	7785
560	2	6303	0	9708
561	2377	10488	3417	20033
562	1317	12898	1884	12688
563	2622	1384	2835	1697
564	2816	421	3053	489
565	2260	279	2426	370
566	1499	696	1622	819
567	1371	379	1488	478
568	496	100	499	176
569	0	327	0	443
570	0	3300	0	3739
571	595	606	643	789
572	200	1534	209	1982
573	494	35	592	44
574	1003	355	1042	511
575	2652	3226	2935	3977
576	1451	343	1575	398
577	2098	404	2302	512
578	444	200	635	318
579	676	48	814	75
580	459	39	549	56
581	520	1060	611	1235
582	1492	274	1622	297
583	1432	234	1572	276
584	999	98	1082	135
585	965	26	1050	31
586	407	237	490	343
587	1755	214	2091	294
588	1690	777	2008	1051
589	1449	244	1724	317
590	761	1461	919	1943
591	869	3477	1097	3652
592	464	1872	572	1994

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
593	1191	42	1299	47
594	1469	115	1589	143
595	344	191	405	233
596	422	371	496	478
597	323	14	377	18
598	861	69	1002	86
599	148	460	166	553
600	847	72	948	87
601	877	537	1028	667
602	646	26	758	35
603	729	377	855	488
604	30	3	34	4
605	554	72	655	91
606	177	483	195	759
607	284	509	316	500
608	105	860	116	821
609	507	167	563	263
610	849	442	938	618
611	408	17	452	26
612	0	367	0	254
613	923	187	1074	249
614	216	122	253	131
615	700	113	823	157
616	600	18	706	25
617	465	460	514	380
618	700	74	777	101
619	556	136	619	188
620	786	365	874	488
621	695	5950	1233	9746
622	1750	684	1975	736
623	972	679	1109	717
624	815	602	931	644
625	134	45	147	47
626	266	19	289	26
627	941	388	1024	366
628	538	1165	586	1373
629	1984	1190	2618	1397
630	1481	119	1626	139
631	3018	6488	3458	6948
632	1610	1451	1720	1756
633	766	1480	1108	1924
634	1743	1303	2924	2149
635	2774	593	2867	658
636	783	248	891	293
637	741	1780	846	2201
638	43	14942	153	19455
639	0	4792	0	6114
640	728	474	1014	564
641	926	499	1289	586
642	1430	1771	2062	2101

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
643	522	310	752	405
644	1091	136	1454	272
645	1856	378	2029	496
646	17	555	32	685
647	26	2023	48	2585
648	673	1782	1022	2740
649	409	391	621	612
650	276	249	380	321
651	885	209	1261	314
652	500	391	690	534
653	423	412	603	582
654	519	663	586	841
655	1102	939	1246	1228
656	1530	356	1791	457
657	843	724	988	1000
658	0	8996	0	11682
659	1	6346	1	9849
660	0	11911	1	16547
661	1	9685	1	13163
662	2	2195	1	2158
663	10	2912	27	3103
664	2	1917	2	2145
665	2	4424	2	4616
666	111	148	133	220
667	434	4059	435	3668
668	4	3538	4	3406
669	2	6132	2	6486
670	379	179	439	225
671	1	4395	0	4656
672	3911	3443	4237	3733
673	1	5610	1	5710
674	94	2339	102	2454
675	86	2381	92	2718
676	2025	3392	2410	3585
677	266	1206	317	1292
678	683	1086	811	1198
679	1197	1067	1445	1188
680	1750	590	2010	759
681	2811	741	3176	859
682	1133	241	1210	238
683	1155	1759	1265	1573
684	1097	215	1178	219
685	511	20	550	22
686	917	82	987	85
687	611	23	618	24
688	137	2	159	18
689	237	22	273	92
690	695	4052	778	4850
691	355	2425	398	2867
692	675	800	723	994

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
693	381	966	434	1139
694	275	1	280	4
695	1285	353	1474	1108
696	389	77	474	253
697	907	51	1119	102
698	812	244	1003	408
699	857	70	1028	129
700	447	13	535	27
701	1100	57	1326	203
702	820	297	998	707
703	130	526	173	517
704	739	64	904	107
705	721	99	881	143
706	637	51	779	107
707	68	67	82	146
708	449	138	540	373
709	789	99	950	370
710	764	59	934	151
711	918	226	1230	278
712	7	0	9	0
713	2126	357	2574	561
714	552	72	668	114
715	936	227	1074	279
716	612	82	701	99
717	119	75	138	87
718	1462	173	1592	257
719	229	1	251	1
720	0	272	0	300
721	1615	184	1759	164
722	204	0	224	0
723	68	0	74	0
724	52	0	57	0
725	22	0	25	0
726	0	0	0	0
727	30	4	34	3
728	97	0	107	0
729	0	0	0	0
730	139	5	152	6
731	97	11	107	14
732	0	2	0	2
733	31	1	34	1
734	1238	6156	1289	6460
735	29	1	32	4
736	2008	1213	2094	1339
737	414	27	466	67
738	3	0	1	0
739	102	24	115	57
740	638	802	664	875
741	0	0	0	0
742	23	0	26	0

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
743	2	1	1	1
744	50	15	57	12
745	193	19	222	16
746	959	98	1100	109
747	57	12	66	13
748	151	11	173	13
749	130	15	156	17
750	1383	962	1744	1621
751	1215	601	1532	887
752	2031	246	2483	442
753	1614	921	1855	1061
754	266	4	605	8
755	345	177	398	308
756	112	43	126	171
757	180	29	202	32
758	1058	640	1305	778
759	422	30	520	35
760	342	74	803	112
761	271	59	311	73
762	4	0	4	1
763	495	145	654	154
764	378	34	422	37
765	185	32	204	34
766	187	79	208	78
767	223	14	251	15
768	196	2	218	2
769	247	35	274	37
770	67	23	74	26
771	458	41	510	45
772	205	54	229	58
773	48	4	55	43
774	67	0	74	55
775	15	7	15	9
776	110	6	125	7
777	229	2	258	2
778	306	47	348	46
779	190	0	216	0
780	542	179	632	311
781	801	1460	930	3875
782	1962	937	2307	2719
783	861	66	1002	177
784	509	155	946	416
785	761	328	896	677
786	409	47	458	61
787	674	97	747	186
788	549	78	609	133
789	1295	520	1606	834
790	648	15	1138	20
791	242	125	258	173
792	169	59	181	73

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
793	530	2621	643	3052
794	413	1006	541	1199
795	317	20	407	28
796	635	409	771	461
797	282	10	401	15
798	240	1	270	1
799	236	1	290	1
800	440	21	495	25
801	318	42	359	50
802	374	52	438	71
803	409	38	478	62
804	515	191	602	238
805	146	143	475	240
806	569	43	675	60
807	888	66	1001	120
808	512	65	607	87
809	322	138	384	159
810	224	48	256	88
811	179	238	203	471
812	372	286	414	359
813	143	4	202	5
814	316	526	359	741
815	873	756	995	1326
816	561	117	640	230
817	361	240	413	252
818	866	405	979	631
819	1305	739	1453	749
820	432	15	466	76
821	410	31	517	44
822	978	60	1057	105
823	1314	280	1487	458
824	1045	162	1183	256
825	858	155	1087	672
826	495	23	580	29
827	134	1060	154	1707
828	189	392	213	505
829	389	41	442	58
830	389	277	436	292
831	816	229	912	296
832	467	691	537	898
833	1299	771	1492	1185
834	1049	218	1203	452
835	360	101	453	249
836	599	47	753	95
837	776	874	978	1811
838	391	1897	447	3088
839	255	1834	291	2777
840	1209	409	1391	622
841	570	1273	637	1483
842	1145	200	1386	347

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
843	2	298	1	578
844	15	202	16	655
845	419	362	484	429
846	111	1	127	2
847	475	115	576	157
848	726	83	879	167
849	553	4	669	8
850	0	847	0	927
851	35	1037	54	981
852	1	1748	1	1595
853	0	876	0	1067
854	0	1707	0	1830
855	1702	1826	2524	1950
856	247	23	299	40
857	217	8	261	17
858	129	0	160	0
859	134	4	290	7
860	63	0	162	240
861	179	3	716	4
862	46	859	64	801
863	883	4468	1223	5065
864	857	655	1334	732
865	618	1045	910	1285
866	563	433	828	504
867	632	38	983	49
868	823	246	1211	321
869	155	12	188	11
870	297	137	687	593
871	646	86	791	99
872	291	32	356	35
873	426	32	569	35
874	291	17	356	15
875	379	41	463	46
876	18	6413	23	6497
877	0	0	0	0
878	73	6	108	4
879	536	47	786	89
880	338	9	382	15
881	605	809	657	930
882	1454	203	1506	236
883	883	18	957	23
884	77	1	84	2
885	30	2	30	3
886	273	2	309	4
887	67	0	76	2
888	295	39	331	64
889	112	40	129	44
890	108	18	123	21
891	704	341	834	395
892	285	63	296	69

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
893	398	54	473	63
894	94	19	146	26
895	0	0	0	0
896	9	6	10	7
897	58	6	68	9
898	6	39	6	46
899	118	10	136	14
900	29	0	33	0
901	0	0	0	0
902	35	0	38	0
903	140	27	164	36
904	41	0	47	0
905	179	52	191	71
906	179	45	191	110
907	147	9	169	17
908	141	6	161	11
909	148	111	173	161
910	119	1	127	16
911	463	141	716	283
912	656	53	746	99
913	527	12	599	19
914	475	67	609	181
915	334	32	553	103
916	191	0	217	0
917	671	108	764	320
918	509	159	579	311
919	937	191	1415	447
920	1294	289	1680	602
921	82	31	155	54
922	121	19	203	20
923	38	115	43	126
924	402	48	466	52
925	158	20	184	15
926	124	28	147	28
927	291	155	504	977
928	1993	645	2273	753
929	543	387	581	663
930	1926	134	2057	185
931	1267	642	1353	791
932	83	87	93	196
933	74	1080	97	1557
934	286	99	605	124
935	413	68	526	164
936	215	9	273	20
937	356	13	380	18
938	215	5	231	8
939	207	37	400	53
940	362	94	462	234
941	114	9	354	23
942	409	24	522	52

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
943	162	91	206	286
944	147	3	188	17
945	337	24	360	35
946	808	303	1031	756
947	717	34	914	70
948	86	21	110	45
949	1133	576	1273	777
950	843	6481	979	6679
951	93	561	110	753
952	894	179	1004	237
953	662	120	772	166
954	661	112	769	106
955	2	256	1	340
956	738	397	858	498
957	714	41	770	49
958	253	497	300	582
959	509	308	602	351
960	794	221	916	314
961	670	126	776	200
962	717	185	801	250
963	1515	100	1691	145
964	214	39	239	70
965	15	5	16	5
966	1148	803	1282	1082
967	1	325	0	440
968	1796	219	2157	368
969	1955	373	2354	526
970	369	19	407	22
971	1437	159	1580	207
972	895	143	1060	210
973	1061	358	1255	477
974	780	239	842	273
975	1112	224	1227	326
976	1548	943	1919	1299
977	982	1550	1219	1981
978	1834	142	2168	185
979	1181	90	1397	132
980	1406	497	1754	621
981	715	183	807	375
982	506	32	667	57
983	1	437	1	463
984	1227	42	1328	73
985	224	32	243	47
986	105	27	129	37
987	1167	211	1262	250
988	760	97	844	115
989	63	0	69	0
990	54	0	60	0
991	237	2420	916	2213
992	280	28	311	49

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
993	283	1580	315	1911
994	2	613	2	587
995	0	25	0	34
996	1839	3601	2295	4442
997	1702	312	2001	369
998	2194	295	2547	337
999	850	539	987	505
1000	2583	1732	2999	1733
1001	1799	5588	2269	7565
1002	983	2417	1242	2904
1003	263	5328	331	7148
1004	1862	579	2182	573
1005	1831	782	2147	995
1006	533	58	636	86
1007	162	1709	192	1878
1008	162	53	193	83
1009	21	11	25	41
1010	814	173	880	323
1011	530	125	572	250
1012	156	126	168	274
1013	3	0	3	0
1014	358	43	389	68
1015	615	86	686	562
1016	221	0	246	0
1017	456	45	509	323
1018	238	65	268	264
1019	618	20	689	61
1020	152	27	171	157
1021	24	2407	26	2675
1022	515	552	754	567
1023	365	1014	536	941
1024	4	10181	4	12730
1025	1140	1004	1442	1149
1026	1341	1084	1841	1314
1027	1355	211	1860	260
1028	898	668	1207	766
1029	730	531	1068	734
1030	1181	62	1728	135
1031	1026	478	1363	539
1032	101	63	134	77
1033	17	0	22	0
1034	495	246	626	336
1035	757	1656	1015	2500
1036	581	102	781	133
1037	11	14	14	17
1038	22	0	29	6
1039	189	19	223	20
1040	303	35	351	31
1041	563	134	656	153
1042	120	0	143	0

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
1043	85	1	101	1
1044	89	17	106	19
1045	120	125	138	104
1046	133	3	153	3
1047	2	0	0	0
1048	95	43	109	44
1049	119	6	143	7
1050	81	8	116	44
1051	5	0	7	0
1052	81	12	116	8
1053	247	216	355	1088
1054	252	247	364	813
1055	39	29	44	30
1056	147	309	165	306
1057	164	3	186	3
1058	143	2	165	2
1059	654	57	745	64
1060	203	202	231	209
1061	141	16	163	13
1062	266	19	306	19
1063	80	4	110	3
1064	226	13	315	24
1065	37	1	51	2
1066	104	37	145	153
1067	888	178	1225	176
1068	907	1838	1249	1789
1069	600	1182	828	1180
1070	1343	551	1864	1594
1071	337	598	418	443
1072	67	33	92	191
1073	152	178	189	113
1074	436	133	517	327
1075	132	0	158	0
1076	13	3	14	8
1077	407	200	2434	915
1078	12	0	251	4420
1079	14	135	15	174
1080	13	222	13	303
1081	181	236	210	270
1082	88	25	104	68
1083	28	0	34	0
1084	231	45	268	61
1085	517	702	598	998
1086	293	1369	341	1659
1087	217	3	262	4
1088	133	2	153	3
1089	1131	533	1310	679
1090	431	285	499	481
1091	562	9	677	14
1092	760	8052	1504	10365

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
1093	1327	5766	2822	7664
1094	1654	5894	2895	7908
1095	436	523	793	1097
1096	1264	4238	2572	5276
1097	894	11152	1465	14992
1098	381	9356	619	12707
1099	321	1077	487	1498
1100	195	1082	312	1203
1101	663	4590	1243	5066
1102	2515	7090	2796	7376
1103	4	10264	12	11458
1104	16	3494	28	3820
1105	36	11346	102	12699
1106	0	20861	0	23592
1107	247	12867	312	14577
1108	327	23969	512	26744
1109	0	4565	60	5060
1110	46	14869	52	16940
1111	2	2387	78	2699
1112	68	692	110	801
1113	15	4449	13	5142
1114	0	10	0	11
1115	237	5885	413	6169
1116	0	167	39	193
1117	1807	970	1947	1098
1118	461	304	518	371
1119	710	370	783	402
1120	338	130	387	1747
1121	650	293	743	350
1122	994	6906	1102	7556
1123	252	394	275	470
1124	3189	3499	3487	3851
1125	60	6616	66	7176
1126	1250	618	1315	690
1127	220	0	314	0
1128	101	16	146	11
1129	209	8	298	27
1130	134	5	157	3
1131	446	8	636	63
1132	333	10	390	10
1133	163	25	222	39
1134	499	58	685	127
1135	123	3	146	2
1136	106	38	123	31
1137	47	7	56	5
1138	16	13	19	33
1139	313	48	427	69
1140	189	11	190	12
1141	1358	100	1631	144
1142	0	0	0	0

KC Model zone	Y2000 Households	Y2000 Jobs	Y2022 Households	Y2022 Jobs
1143	107	3	122	3
1144	615	271	698	305
1145	449	68	509	82
1146	300	50	340	62
1147	219	28	251	31
1148	6	0	6	0
1149	570	297	741	337
1150	143	52	750	239
1151	332	0	370	7
1152	203	70	293	338
1153	415	49	562	72
1154	34	1	48	9
1155	54	2	66	6
1156	0	0	0	3
1157	324	69	401	87
1158	519	23	642	39
1159	279	431	345	371
1160	78	0	95	3
1161	143	46	176	69
1162	24	36	30	25
1163	129	0	150	0
1164	118	0	137	0
1165	579	18	587	51
1166	667	96	667	144
1167	759	93	761	672
1168	28	3	32	3
1169	115	4	156	11
1170	28	0	32	0
1171	29	143	77	227
1172	61	0	77	0
TOTALS	**727263**	**1258708**	**899368**	**1560313**

E. Productions and Attractions by Trip Type, by Model Zone

King County Comprehensive Plan Update

Travel Model Development

Productions and Attractions by trip type, by model zone

Data by trip type developed for KC Comprehensive Plan Update travel model development process, based on Comp. Plan land use and standard PSRC trip generation assumptions. All data in person trips.

	Productions							Attractions							Total Trip
KC Model Zone	Home-based Work	College	Home-based Other	School	Non-Home-based	Commercial	KC Model Zone	Home-based Work	College	Home-based Other	School	Non-Home-based	Commercial	Ends (Productions + Attractions)
1	1880	126	4764	117	965	390	1	654	0	1994	0	965	390	12245
2	3521	253	9275	209	3187	1067	2	2693	0	6755	2947	3187	1067	34161
3	4518	298	10421	266	8512	1836	3	3692	0	13385	332	8512	1836	53608
4	1772	109	3709	104	643	341	4	909	0	1575	3026	643	341	13172
5	412	25	864	24	73	55	5	79	0	159	269	73	55	2088
6	5150	316	10771	303	3579	1053	6	1633	0	5921	324	3579	1053	33682
7	1690	106	3431	94	324	208	7	173	0	611	0	324	208	7169
8	1217	75	2549	70	289	194	8	329	0	639	837	289	194	6682
9	2451	152	5132	141	494	319	9	247	0	871	0	494	319	10620
10	2855	177	5977	164	5611	1338	10	3259	0	9980	0	5611	1338	36310
11	1889	118	3835	105	871	358	11	643	0	1769	0	871	358	10817
12	2656	172	5949	156	3669	801	12	1468	0	5768	221	3669	801	25330
13	3236	220	7898	193	3763	910	13	1544	0	5950	0	3763	910	28387
14	1626	112	3921	97	1263	426	14	979	0	2640	648	1263	426	13401
15	2710	172	5783	154	1423	540	15	1144	0	3129	672	1423	540	17690
16	2625	171	5899	154	9299	1714	16	4016	0	14566	1185	9299	1714	50642
17	3165	216	7479	181	1258	536	17	696	0	2293	292	1258	536	17910
18	477	34	1102	26	385	318	18	1029	9836	1201	4487	385	318	19598
19	1778	117	4352	110	7956	1429	19	3636	0	13157	8	7956	1429	41928
20	2463	156	5325	142	2572	645	20	1215	0	4102	1256	2572	645	21093
21	1681	106	3637	97	845	319	21	558	0	1712	0	845	319	10119
22	3042	199	7065	182	3418	898	22	2091	0	6552	632	3418	898	28395
23	0	0	0	0	468	160	23	867	0	1307	2710	468	160	6140
24	2841	196	7188	171	2078	699	24	1327	0	3916	632	2078	699	21825
25	4311	283	9600	163	8335	2852	25	5903	0	13374	0	8335	2852	56008
26	2611	168	5260	95	1034	524	26	893	0	2044	277	1034	524	14464
27	3027	203	7079	116	2104	625	27	932	0	3474	0	2104	625	20289
28	2115	136	4277	78	1511	458	28	905	0	2697	727	1511	458	14873
29	4459	327	12299	178	7837	1975	29	4191	0	13180	466	7837	1975	54724
30	2378	156	5202	90	583	330	30	340	0	1112	0	583	330	11104
31	1718	109	3511	64	903	299	31	491	0	1633	245	903	299	10175
32	3418	213	7266	131	4081	999	32	2070	0	7048	0	4081	999	30306
33	2891	186	6185	109	13498	2837	33	8458	0	25113	1051	13498	2837	76663
34	2979	193	6160	111	993	458	34	656	0	1846	782	993	458	15629
35	3457	229	7362	128	7249	1373	35	2740	0	11037	0	7249	1373	42197
36	1979	127	3877	72	665	302	36	508	0	1444	182	665	302	10123
37	1409	86	2998	54	323	198	37	210	0	627	0	323	198	6426
38	2143	138	4409	80	442	261	38	207	0	789	0	442	261	9172
39	1438	91	2873	53	1196	398	39	1123	0	2578	1722	1196	398	13066
40	2724	170	5696	103	2107	650	40	1346	0	4009	277	2107	650	19839
41	2182	134	4276	79	1929	537	41	1076	0	3458	0	1929	537	16137
42	2570	159	5458	97	1488	512	42	905	0	2784	174	1488	512	16147
43	2965	220	8246	119	10780	2053	43	4987	0	17784	0	10780	2053	59987
44	2126	140	4900	82	10653	3350	44	8748	0	16851	0	10653	3350	60853
45	3368	215	6870	125	11171	2867	45	9164	0	22237	7647	11171	2867	77702
46	3533	230	7897	134	7877	1934	46	4731	7410	14319	0	7877	1934	57876
47	4360	264	8167	160	2485	862	47	1284	0	4041	71	2485	862	25041
48	3824	251	8018	141	5365	1178	48	2181	0	8262	0	5365	1178	35763
49	1822	125	4465	71	1540	461	49	930	0	2929	0	1540	461	14344
50	1720	119	4082	66	1885	421	50	637	0	2836	0	1885	421	14072
51	2545	168	6430	101	2765	704	51	1299	0	4481	861	2765	704	22823
52	1817	116	3867	69	492	247	52	268	0	939	0	492	247	8554
53	1314	86	2944	50	435	196	53	235	0	816	0	435	196	6707
54	2624	180	6334	101	1097	455	54	618	0	1977	213	1097	455	15151
55	4119	261	8676	154	3167	873	55	1429	0	5184	245	3167	873	28148
56	3130	196	6438	117	2426	671	56	1087	0	3921	253	2426	671	21336
57	3883	240	7629	144	2557	721	57	1040	0	4074	0	2557	721	23566
58	1777	122	4025	67	1920	538	58	913	0	2947	150	1920	538	14917
59	3	0	8	0	174	36	59	154	0	416	0	174	36	1001
60	2236	144	4310	81	678	320	60	434	0	1332	0	678	320	10533
61	2791	201	7228	109	4702	1135	61	2492	0	7901	490	4702	1135	32886
62	3814	236	7422	141	3494	948	62	1606	0	5310	948	3494	948	28361
63	962	61	2157	37	336	149	63	207	0	652	126	336	149	5172
64	1019	60	1968	38	2018	376	64	765	0	3107	32	2018	376	11777
65	1484	95	3330	57	1242	363	65	808	0	2379	648	1242	363	12011
66	2012	134	4540	77	1495	574	66	947	0	2405	237	1495	574	14490
67	1843	123	4147	69	1428	398	67	661	0	2292	640	1428	398	13427
68	1849	115	3711	69	1685	490	68	1276	0	3680	0	1685	490	15050
69	1738	115	4111	68	451	284	69	348	0	868	308	451	284	9026
70	37	2	35	0	2243	551	70	2058	0	5171	0	2243	551	12891
71	2282	145	4903	87	814	377	71	594	0	1699	158	814	377	12250
72	2032	138	4767	78	1724	456	72	787	0	2947	0	1724	456	15109
73	1933	119	3698	71	1000	373	73	572	0	1670	261	1000	373	11070
74	1423	93	3170	53	1371	457	74	929	0	2426	0	1371	457	11750
75	1793	118	3786	67	1057	355	75	448	0	1577	40	1057	355	10653
76	2191	146	4785	83	11759	2003	76	4328	0	17208	0	11759	2003	56265
77	4508	291	8445	161	3709	1518	77	2951	0	5799	0	3709	1518	32609
78	1502	99	3016	53	1990	461	78	970	0	3363	0	1990	461	13905
79	2174	141	3834	77	893	364	79	693	0	1694	1225	893	364	12352
80	1676	104	3250	60	697	277	80	344	0	1138	0	697	277	8520
81	765	49	1674	28	249	136	81	285	0	577	632	249	136	4780
82	3479	225	6934	127	3266	847	82	1752	0	5893	0	3266	847	26636
83	2690	166	5389	100	933	394	83	531	0	1749	198	933	394	13477

84	1665	100	3359	63	745	320		84	712	0	1593	1351	745	320	10973
85	3127	204	7294	120	1313	536		85	775	0	2534	0	1313	536	17752
86	3409	226	7925	131	2917	1010		86	1746	0	4599	300	2917	1010	26190
87	1996	154	5477	77	4425	863		87	1684	0	6738	0	4425	863	26702
88	2546	187	6691	99	10044	4158		88	10040	0	14567	0	10044	4158	62534
89	1540	103	3475	58	7898	2391		89	5281	0	11179	0	7898	2391	42214
90	3810	230	7670	142	4576	1778		90	3820	0	7494	63	4576	1778	35937
91	5797	364	11976	215	9842	2679		91	6678	0	17792	2086	9842	2679	69950
92	3208	195	6137	118	7146	1640		92	4663	0	13379	2386	7146	1640	47658
93	4221	260	8193	154	6767	2162		93	4582	0	10701	0	6767	2162	45969
94	3108	193	5921	113	3222	870		94	1663	0	5089	198	3222	870	24469
95	4550	299	9307	168	4781	1867		95	4131	0	7702	577	4781	1867	40030
96	3037	220	7382	115	11155	3960		96	11688	0	19334	348	11155	3960	72354
97	244	18	634	9	4382	871		97	3348	587	9610	0	4382	871	24956
98	0	0	0	0	16184	11017		98	43502	60388	36108	371	16184	11017	194771
99	2723	165	5418	101	7061	1731		99	5736	0	15571	237	7061	1731	47535
100	1453	93	3430	89	955	313		100	551	0	1693	585	955	313	10430
101	830	53	1958	51	6646	1062		101	2643	0	10347	0	6646	1062	31298
102	1504	96	3550	92	768	427		102	604	0	967	0	768	427	9203
103	290	18	688	18	107	61		103	165	0	278	553	107	61	2346
104	1622	103	3532	95	1722	502		104	1432	0	3092	4574	1722	502	18898
105	691	44	1513	41	2198	443		105	1186	0	3818	427	2198	443	13002
106	243	16	533	14	3261	500		106	1257	0	4980	79	3261	500	14644
107	2213	141	4830	129	586	377		107	422	0	1057	0	586	377	10718
108	1495	104	3447	84	666	311		108	629	0	1491	608	666	311	9812
109	1363	94	3134	76	1179	491		109	1017	0	2265	0	1179	491	11289
110	0	0	0	0	8364	1942		110	5850	0	15429	0	8364	1942	41891
111	17	1	39	1	4286	1431		111	4113	0	7748	0	4286	1431	23353
112	1152	75	2709	70	254	198		112	463	0	665	1983	254	198	8021
113	2792	182	6565	169	716	485		113	530	0	1297	0	716	485	13937
114	0	0	0	0	7840	1461		114	3197	0	10463	0	7840	1461	32262
115	1336	80	2586	73	3216	1120		115	2295	0	4532	0	3216	1120	19574
116	0	0	0	0	3337	1670		116	3472	0	3455	0	3337	1670	16941
117	1418	85	2744	77	777	376		117	929	0	1509	2623	777	376	11691
118	471	28	915	26	303	100		118	228	0	667	0	303	100	3141
119	477	30	884	24	337	90		119	113	0	484	0	337	90	2866
120	580	36	1078	30	143	73		120	62	0	238	0	143	73	2456
121	757	47	1401	39	252	115		121	199	0	503	348	252	115	4028
122	647	40	1199	33	1173	215		122	400	0	1697	221	1173	215	7013
123	843	53	1986	52	1255	495		123	919	0	1823	0	1255	495	9176
124	168	10	338	10	115	30		124	33	0	161	0	115	30	1010
125	1513	89	3045	88	501	289		125	616	0	1050	1667	501	289	9648
126	809	48	1626	47	118	93		126	49	0	200	0	118	93	3201
127	123	8	262	7	1012	196		127	403	0	1421	0	1012	196	4640
128	436	26	863	25	915	235		128	763	0	2060	0	915	235	6473
129	511	30	1006	29	123	69		129	76	0	241	0	123	69	2277
130	655	39	1291	38	224	102		130	143	0	439	0	224	102	3257
131	1833	108	3612	106	664	295		131	456	0	1368	0	664	295	9401
132	1288	78	2456	72	2311	416		132	681	0	3243	24	2311	416	13296
133	1049	64	2006	58	204	127		133	113	0	392	0	204	127	4344
134	1829	110	3493	102	1086	397		134	911	0	2402	340	1086	397	12153
135	2281	137	4544	129	410	274		135	210	0	765	0	410	274	9434
136	1654	99	3293	93	5818	1072		136	2236	0	8573	0	5818	1072	29728
137	1459	94	3171	84	548	379		137	1581	0	1830	7268	548	379	17341
138	76	4	150	4	30	12		138	18	0	59	0	30	12	395
139	1096	65	2178	63	227	152		139	146	0	415	0	227	152	4721
140	843	50	1675	49	483	177		140	376	0	1059	0	483	177	5372
141	1488	88	2981	87	502	229		141	295	0	946	0	502	229	7347
142	1226	72	2463	72	191	147		142	92	0	335	0	191	147	4936
143	979	63	2127	56	1069	390		143	937	0	2101	0	1069	390	9181
144	1471	86	2953	86	237	184		144	217	0	488	679	237	184	6822
145	1787	108	3405	99	947	288		145	324	0	1429	0	947	288	9622
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148	1236	75	2550	72	224	155		148	114	0	400	0	224	155	5205
149	1821	111	3756	106	1770	416		149	590	0	2601	0	1770	416	13357
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151	1239	74	2474	71	257	165		151	153	0	461	0	257	165	5316
152	2840	173	5860	165	1739	541		152	806	0	2862	403	1739	541	17669
153	935	56	1870	53	156	114		153	80	0	279	0	156	114	3813
154	235	14	468	13	518	135		154	427	0	1141	0	518	135	3604
155	1631	98	3383	95	324	210		155	164	0	575	0	324	210	7014
156	465	29	944	27	1799	699		156	1827	0	3369	0	1799	699	11657
157	1392	84	2881	81	1297	420		157	1173	0	2746	1762	1297	420	13553
158	1410	86	2854	81	3217	1487		158	2638	0	2964	0	3217	1487	19441
159	1297	78	2688	76	473	205		159	244	0	826	0	473	205	6565
160	1946	119	3932	112	1787	437		160	668	0	2750	0	1787	437	13975
161	872	53	1704	48	431	164		161	301	0	742	695	431	164	5605
162	1069	65	1972	55	263	149		162	223	0	556	300	263	149	5064
163	442	27	821	23	269	93		163	149	0	455	0	269	93	2641
164	888	54	1638	46	162	102		164	88	0	310	0	162	102	3552
165	1282	77	2504	71	220	147		165	100	0	394	0	220	147	5162
166	2427	160	5735	143	16299	3449		166	10534	0	30849	0	16299	3449	89344
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168	1314	79	2567	72	4015	1272		168	2674	0	5740	466	4015	1272	23486
169	0	0	0	0	0	0		169	0	0	0	0	0	0	0
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171	0	0	0	0	475	157		171	322	0	639	0	475	157	2225
172	1030	62	2032	57	2581	531		172	1423	0	4552	569	2581	531	15949
173	4	0	4	0	148	34		173	140	0	359	0	148	34	871
174	1627	98	3203	90	5702	890		174	1611	0	7830	0	5702	890	27643
175	296	18	588	17	506	112		175	272	0	900	0	506	112	3327
176	209	12	409	11	74	56		176	232	0	240	1082	74	56	2455
177	317	19	626	18	59	37		177	21	0	97	0	59	37	1290
178	323	20	636	18	46	35		178	18	0	81	0	46	35	1258
179	478	29	939	26	92	59		179	51	0	173	0	92	59	1998

180	245	15	487	14	162	88	180	185	0	343	0	162	88	181	1789
181	490	29	963	27	805	181	181	441	0	1436	0	805	181	182	5358
182	268	16	534	15	153	56	182	123	0	344	0	153	56	183	1718
183	233	14	441	13	31	24	183	12	0	53	0	31	24	184	876
184	114	7	215	6	28	15	184	18	0	57	0	28	15	185	503
185	530	32	1012	29	2091	362	185	859	0	3285	0	2091	362	186	10653
186	388	24	744	21	145	72	186	123	0	306	0	145	72	187	2040
187	625	38	1192	34	97	70	187	45	0	175	0	97	70	188	2443
188	624	38	1186	34	85	66	188	32	0	146	0	85	66	189	2362
189	254	15	473	14	100	46	189	81	0	212	0	100	46	190	1341
190	206	12	389	12	52	28	190	34	0	107	0	52	28	191	920
191	514	29	959	29	82	63	191	49	0	145	0	82	63	192	2015
192	1020	59	1912	57	174	119	192	90	0	321	0	174	119	193	4045
193	443	25	828	25	131	91	193	279	0	362	1098	131	91	194	3504
194	226	13	421	12	31	24	194	12	0	53	0	31	24	195	847
195	603	37	1221	33	418	146	195	247	0	670	0	418	146	196	3939
196	218	14	448	12	116	43	196	92	0	258	0	116	43	197	1360
197	378	23	761	20	124	59	197	66	0	204	0	124	59	198	1818
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200	804	49	1552	44	166	101	200	94	0	282	158	166	101	201	3517
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202	3758	225	7484	212	2239	789	202	1544	0	4513	0	2239	789	203	23792
203	786	47	1569	44	267	124	203	192	0	569	0	267	124	204	3989
204	355	21	711	20	10123	2833	204	6894	0	15934	0	10123	2833	205	49847
205	582	35	1151	33	1474	357	205	857	0	2242	1193	1474	357	206	9755
206	3045	186	5880	165	1117	836	206	1205	0	1295	150	1117	836	207	15832
207	1209	73	2435	69	3267	912	207	1801	0	4508	0	3267	912	208	18453
208	2749	176	6441	165	5767	1630	208	3914	0	10121	656	5767	1630	209	39016
209	703	42	1417	40	191	104	209	133	0	387	0	191	104	210	3312
210	190	13	488	12	237	200	210	381	0	366	71	237	200	211	2395
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212	3801	226	7379	210	2395	935	212	1900	5421	4415	3223	2395	935	213	33235
213	1167	70	2274	65	251	180	213	337	0	574	1027	251	180	214	6376
214	763	47	1570	43	4614	716	214	1499	0	6563	0	4614	716	215	21145
215	1665	97	3154	93	534	333	215	425	0	693	0	534	333	216	7861
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217	786	46	1483	44	229	323	217	502	0	323	0	229	323	218	4288
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222	242	15	523	14	38	28	222	15	0	66	0	38	28	223	1007
223	864	53	1863	51	5522	2800	223	6112	0	7357	3010	5522	2800	224	35954
224	2242	137	4828	132	15517	3677	224	9543	0	26241	0	15517	3677	225	81511
225	634	39	1365	37	4960	1009	225	2918	0	8869	0	4960	1009	226	25800
226	182	11	361	10	62	29	226	44	0	132	0	62	29	227	922
227	223	14	451	12	44	28	227	24	0	82	0	44	28	228	950
228	76	5	151	4	78	40	228	96	0	171	0	78	40	229	739
229	1311	77	2349	69	217	145	229	108	0	402	0	217	145	230	5040
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231	847	50	1690	49	164	120	231	200	0	370	664	164	120	232	4438
232	1911	114	3817	110	433	283	232	290	0	786	0	433	283	233	8460
233	1196	71	2326	67	191	139	233	88	0	330	0	191	139	234	4738
234	1112	66	2164	62	199	145	234	206	0	424	616	199	145	235	5338
235	95	10	446	8	6293	1128	235	3062	0	10214	0	6293	1128	236	28677
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237	2656	157	5168	148	601	341	237	357	0	1193	0	601	341	238	11563
238	3140	186	6107	175	509	386	238	277	0	888	0	509	386	239	12563
239	1831	125	4714	113	14801	3245	239	8555	0	25010	71	14801	3245	240	76511
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242	1960	120	4032	109	2151	525	242	973	0	3435	482	2151	525	243	16463
243	1982	120	3855	110	482	397	243	610	0	943	672	482	397	244	10050
244	1294	78	2520	72	1164	414	244	888	0	2233	0	1164	414	245	10241
245	2767	164	5239	152	764	385	245	494	0	1535	0	764	385	246	12649
246	901	53	1711	50	152	125	246	178	0	319	521	152	125	247	4287
247	1185	71	2304	65	370	178	247	262	0	780	0	370	178	248	5763
248	2018	122	3929	112	588	299	248	414	0	1220	0	588	299	249	9589
249	1647	101	3403	93	2170	502	249	1070	0	3649	482	2170	502	250	15789
250	3117	197	6605	177	2034	630	250	1082	0	3325	1857	2034	630	251	21688
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252	2452	155	5194	139	20564	7548	252	18111	0	35021	0	20564	7548	253	117296
253	851	54	1799	48	1184	348	253	1175	0	2649	1951	1184	348	254	11591
254	2066	128	4147	108	4842	1499	254	4531	0	10781	0	4842	1499	255	34443
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257	2713	164	5770	156	1644	686	257	1454	0	3631	8	1644	686	258	18556
258	4531	274	9643	261	2690	1442	258	2564	0	4879	8	2690	1442	259	30424
259	390	23	802	23	33859	7180	259	17724	0	49440	403	33859	7180	260	150883
260	1591	94	3009	87	364	206	260	202	0	669	0	364	206	261	6792
261	4145	245	8556	243	6125	1812	261	5497	0	14000	403	6125	1812	262	48963
262	1218	72	2509	71	40838	9221	262	36353	0	95003	403	40838	9221	263	235747
263	456	27	939	27	19059	4108	263	12195	0	34273	403	19059	4108	264	94654
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265	0	0	0	0	15909	4271	265	9586	0	21652	0	15909	4271	266	71598
266	258	16	516	14	16367	4657	266	13954	0	31614	0	16367	4657	267	88420
267	1056	69	2416	59	673	221	267	354	0	1200	0	673	221	268	6942
268	800	53	1812	44	134	98	268	54	0	238	0	134	98	269	3465
269	732	49	1788	42	277	173	269	277	0	518	237	277	173	270	4543
270	873	58	2129	51	6041	1968	270	5620	0	12297	0	6041	1968	271	37046
271	1105	74	2698	64	2131	673	271	1990	0	4850	0	2131	673	272	16389
272	1096	73	2682	64	297	163	272	153	0	558	0	297	163	273	5546
273	540	38	1463	31	124	83	273	65	0	231	0	124	83	274	2782
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276	1529	108	4132	89	1037	369	276	684	0	2082	0	1037	369	11436
277	1147	122	5834	86	35653	12321	277	31191	0	54047	0	35653	12321	188375
278	591	94	4887	56	30800	8137	278	27217	0	66148	111	30800	8137	176978
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281	1097	73	2769	65	10678	2300	281	6560	0	19097	0	10678	2300	55617
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285	812	50	1688	42	432	164	285	331	0	944	0	432	164	5059
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288	1632	104	3669	89	4651	1479	288	4232	0	9838	0	4651	1479	31824
289	1403	92	2880	73	20056	5287	289	15406	0	36169	9764	20056	5287	116473
290	469	30	1054	26	396	123	290	255	0	767	0	396	123	3639
291	1823	118	4093	103	903	332	291	525	0	1595	782	903	332	11509
292	3176	197	6511	172	3415	864	292	1667	0	5376	2141	3415	864	27798
293	969	61	2129	54	219	158	293	269	0	468	861	219	158	5565
294	879	55	1930	49	5945	2481	294	5609	15987	10104	861	5945	2481	52326
295	2155	134	4416	116	1375	530	295	1161	0	2982	0	1375	530	14774
296	177	11	390	10	9141	2705	296	6057	0	12575	861	9141	2705	43773
297	1631	104	3481	87	366	272	297	297	0	677	0	366	272	7553
298	1074	68	2289	57	606	220	298	439	0	1171	585	606	220	7335
299	1574	96	3392	93	4729	894	299	1755	0	6856	0	4729	894	25012
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302	3	0	8	0	3641	1558	302	3638	0	4539	8	3641	1558	18594
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306	2192	132	4217	119	471	286	306	295	0	921	0	471	286	9390
307	3035	184	5849	165	1396	612	307	1130	0	2916	0	1396	612	17295
308	5444	329	10480	296	1648	846	308	1446	0	3582	1683	1648	846	28248
309	1803	109	3569	93	4114	862	309	2078	0	6747	1185	4114	862	25536
310	1858	113	3685	96	466	245	310	237	0	801	229	466	245	8441
311	4012	263	9400	228	3142	1097	311	1970	0	5442	972	3142	1097	30765
312	2270	148	5311	129	8583	1461	312	3119	0	12859	0	8583	1461	43924
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317	1431	94	2934	71	3064	669	317	1610	0	5287	0	3064	669	18893
318	2391	156	4906	119	823	359	318	462	0	1419	703	823	359	12520
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321	214	14	485	12	5922	1521	321	5201	0	11647	6091	5922	1521	38550
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326	0	0	0	0	1479	1230	326	2527	0	1590	0	1479	1230	9535
327	0	0	0	0	1099	146	327	341	0	1556	0	1099	146	4387
328	0	0	0	0	20848	2740	328	5958	0	28567	0	20848	2740	81701
329	408	24	850	23	2958	506	329	1258	0	4649	0	2958	506	14140
330	33	2	62	2	17	5	330	7	0	26	16	17	5	192
331	140	9	268	9	72	26	331	51	0	147	16	72	26	836
332	398	25	760	25	63	44	332	23	0	100	16	63	44	1561
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334	176	11	337	11	37	22	334	17	0	55	16	37	22	741
335	221	14	418	13	45	27	335	23	0	75	16	45	27	924
336	156	10	292	9	32	18	336	13	0	50	16	32	18	646
337	83	5	180	6	21	16	337	14	0	21	0	21	16	383
338	734	43	1493	50	120	90	338	63	0	212	47	120	90	3062
339	682	39	1386	47	114	88	339	103	0	232	300	114	88	3193
340	770	47	1560	51	123	92	340	58	0	212	0	123	92	3128
341	150	9	303	10	20	17	341	7	0	33	0	20	17	586
342	595	36	1209	40	96	78	342	74	0	179	142	96	78	2623
343	485	29	979	32	529	122	343	213	0	792	253	529	122	4085
344	357	21	724	24	48	40	344	17	0	79	0	48	40	1398
345	627	36	1273	43	457	127	345	191	0	740	0	457	127	4078
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348	172	11	399	13	27	22	348	10	0	44	0	27	22	747
349	2696	165	6244	197	426	367	349	208	0	702	0	426	367	11798
350	445	27	1027	32	94	66	350	57	0	170	0	94	66	2078
351	783	48	1810	57	167	109	351	90	0	315	0	167	109	3655
352	211	13	463	15	255	58	352	102	0	391	71	255	58	1892
353	300	18	666	22	312	101	353	283	0	725	71	312	101	2911
354	5	0	9	0	5	8	354	22	0	10	47	5	8	119
355	1009	57	2014	70	166	136	355	232	0	391	948	166	136	5325
356	0	0	0	0	0	0	356	0	0	0	0	0	0	0
357	155	10	368	12	367	72	357	168	0	544	371	367	72	2506
358	2080	118	4153	145	319	245	358	146	0	562	0	319	245	8332
359	1744	99	3484	121	261	206	359	119	0	453	0	261	206	6954
360	994	63	2296	72	321	184	360	251	0	647	0	321	184	5333
361	67	4	152	5	17	10	361	11	0	34	0	17	10	327
362	0	0	0	0	0	0	362	0	0	0	0	0	0	0
363	123	8	281	9	49	22	363	35	0	103	0	49	22	701
364	329	21	855	26	212	82	364	171	0	473	8	212	82	2471
365	46	3	115	3	708	368	365	812	0	753	8	708	368	3892
366	90	6	235	7	29	15	366	20	0	59	8	29	15	513
367	284	19	741	22	68	43	367	37	0	130	8	68	43	1463
368	643	38	1416	48	137	90	368	77	0	257	0	137	90	2933
369	570	34	1257	43	121	107	369	231	0	300	901	121	107	3792
370	2786	166	6148	210	5143	2636	370	5879	0	9573	395	5143	2636	40715
371	679	41	1505	51	158	97	371	73	0	261	0	158	97	3120

372	3251	194	7175	245	2021	602		372	657	0	2994	0	2021	602		19762
373	17	1	36	1	3	2		373	1	0	4	0	3	2		70
374	154	10	405	12	7594	1111		374	2641	0	10996	8	7594	1111		31636
375	2735	177	7126	213	7160	3859		375	7419	0	6245	8	7160	3859		45961
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377	472	31	1232	37	209	98		377	174	0	458	142	209	98		3160
378	504	29	1047	37	205	113		378	364	0	557	1288	205	113		4462
379	301	17	625	22	736	124		379	210	0	1021	0	736	124		3916
380	286	16	589	21	119	107		380	569	0	518	2907	119	107		5358
381	740	43	1534	54	886	194		381	290	0	1285	0	886	194		6106
382	446	26	893	24	149	74		382	108	0	300	0	149	74		2243
383	168	10	330	9	57	28		383	29	0	82	0	57	28		798
384	1605	95	3207	87	295	200		384	157	0	548	0	295	200		6689
385	323	19	645	18	52	37		385	19	0	87	0	52	37		1289
386	853	50	1703	46	359	168		386	298	0	760	0	359	168		4764
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392	485	28	956	26	1529	253		392	485	0	2184	0	1529	253		7728
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394	601	35	1176	32	147	96		394	88	0	179	0	147	96		2597
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396	393	27	1035	22	493	146		396	364	0	1002	95	493	146		4216
397	320	22	848	17	123	92		397	153	0	244	95	123	92		2129
398	907	63	2396	50	1584	381		398	703	0	2424	95	1584	381		10568
399	2759	191	7294	151	1459	584		399	994	0	2975	95	1459	584		18545
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413	566	35	1146	38	235	98		413	171	0	505	0	235	98		3127
414	744	46	1511	50	107	85		414	42	0	181	0	107	85		2958
415	622	38	1260	41	105	76		415	52	0	189	0	105	76		2564
416	4376	270	8880	292	707	531		416	422	0	1305	585	707	531		18606
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427	554	33	1157	31	196	126		427	155	0	201	0	196	126		2775
428	1005	60	2097	56	656	215		428	333	0	1034	356	656	215		6683
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431	3	0	8	0	2	1		431	9	0	8	47	2	1		81
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435	480	29	1057	35	71	58		435	26	0	118	0	71	58		2003
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443	2208	130	3959	117	410	255		443	208	0	739	0	410	255		8691
444	43	3	87	3	6	5		444	2	0	10	0	6	5		170
445	75	5	195	6	38	17		445	43	0	90	87	38	17		611
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447	70	5	179	5	36	15		447	28	0	79	0	36	15		468
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449	237	16	613	18	65	38		449	38	0	127	0	65	38		1255
450	118	8	308	9	30	18		450	16	0	56	0	30	18		611
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452	1632	107	3815	115	1691	439		452	835	0	2903	174	1691	439		13841
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454	442	29	1144	34	1978	1613		454	3158	0	1864	0	1978	1613		13853
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461	272	18	536	7	64	33		461	38	0	132	0	64	33		1197
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489	2061	127	3507	47	13986	6500		489	16863	0	19605	0	13986	6500		83182
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569	0	0	0	0	497	330		569	648	0	621	0	497	330	2923
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571	1085	70	2324	59	1274	599		571	1190	0	1986	79	1274	599	10539
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573	1038	67	2164	55	349	145		573	125	0	546	0	349	145	4983
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576	2301	158	5629	131	1998	524		576	745	0	3109	0	1998	524	17117
577	3168	225	8228	183	1836	651		577	954	0	3262	205	1836	651	21199
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580	958	62	2004	51	187	122		580	134	0	379	229	187	122	4435
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582	2424	169	5987	137	921	449		582	577	0	1703	0	921	449	13737
583	2209	156	5729	129	1090	416		583	545	0	1945	0	1090	416	13725
584	1774	109	3875	99	687	272		584	304	0	1156	142	687	272	9377
585	1630	114	3876	90	333	215		585	148	0	596	0	333	215	7550
586	727	53	1796	40	1243	264		586	542	0	2037	0	1243	264	8209
587	3524	243	7608	183	769	504		587	632	0	1531	1185	769	504	17452
588	2916	212	7384	163	4525	957		588	1747	0	7012	284	4525	957	30682
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590	1720	111	3475	89	1636	1527		590	2888	0	2564	0	1636	1527	17173
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592	816	54	2007	47	1214	1619		592	2960	0	1225	150	1214	1619	12925
593	1961	135	4780	112	406	270		593	195	0	723	0	406	270	9258
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596	794	53	1787	41	1419	318		596	728	0	2422	40	1419	318	9339
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609	888	61	2084	46	389	180		609	432	0	883	1146	389	180	6678
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627	1730	115	3824	89	1005	424		627	639	0	1588	403	1005	424	11246
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636	1510	95	3177	78	1560	362		636	532	0	2288	71	1560	362	11595
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640	1644	109	3608	86	2183	507		640	931	0	3384	332	2183	507	15474
641	2089	138	4584	109	2726	584		641	994	0	4165	0	2726	584	18699
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645	3615	234	7623	185	1000	687		645	917	0	1780	687	1000	687	18415
646	43	3	108	2	298	515		646	995	0	378	0	298	515	3155
647	63	4	163	4	2951	1742		647	3734	0	4624	0	2951	1742	17978
648	1704	107	3654	90	4424	1230		648	3844	0	9767	0	4424	1230	30474
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650	672	43	1394	34	344	268		650	492	0	665	0	344	268	4524
651	2020	134	4375	103	678	344		651	559	0	1456	387	678	344	11078
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653	967	64	2091	49	1848	418		653	896	0	3024	0	1848	418	11623
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655	1976	134	4587	105	3115	772		655	1847	0	5695	261	3115	772	22379
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657	1602	102	3485	84	2376	605		657	1489	0	4513	0	2376	605	17237
658	0	0	0	0	23925	7389		658	17453	0	34640	32	23925	7389	114753
659	2	0	3	0	19876	5216		659	13934	0	31156	0	19876	5216	95279

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685	886	56	2100	57	166	124		685	86	0	295	0	166	124	4060
686	1590	100	3765	103	359	240		686	216	0	676	0	359	240	7648
687	1060	66	2287	58	194	140		687	96	0	317	0	194	140	4552
688	267	18	603	14	58	38		688	43	0	107	111	58	38	1355
689	460	30	1036	25	181	86		689	153	0	397	111	181	86	2746
690	1371	81	2856	77	16028	2815		690	7136	0	25033	845	16028	2815	75085
691	703	42	1463	39	4408	1567		691	4087	0	8238	624	4408	1567	27146
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694	483	30	1040	27	79	59		694	34	0	139	0	79	59	2029
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696	932	56	1828	48	343	174		696	404	0	814	877	343	174	5993
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698	1922	118	3870	99	647	344		698	689	0	1359	1738	647	344	11777
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702	1959	118	3851	102	3231	643		702	1151	0	4803	0	3231	643	19732
703	333	20	641	17	1243	285		703	747	0	2169	0	1243	285	6983
704	1868	111	3523	95	386	239		704	236	0	746	0	386	239	7829
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706	1610	96	3041	82	307	230		706	228	0	559	0	307	230	6690
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708	1038	63	2085	54	1299	317		708	593	0	2046	0	1299	317	9111
709	1826	112	3668	94	595	319		709	614	0	1334	1027	595	319	10503
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715	1977	124	4414	138	1194	393		715	511	0	1906	0	1194	393	12244
716	1289	81	2883	90	590	224		716	218	0	855	0	590	224	7044
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724	127	8	226	6	16	13		724	6	0	26	0	16	13	457
725	57	3	102	3	7	6		725	3	0	12	0	7	6	206
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788	1174	74	2525	80	329	194	788	243	0	655	0	329	194	5797
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790	2286	132	4152	110	326	245	790	142	0	567	0	326	245	8531
791	530	33	1084	35	126	95	791	281	0	356	1272	126	95	4033
792	370	23	760	24	171	67	792	117	0	355	0	171	67	2125
793	1121	72	2415	64	5106	1165	793	4203	0	11548	0	5106	1165	31965
794	941	61	2030	54	5024	802	794	1824	0	7556	0	5024	802	24118
795	709	46	1528	41	143	94	795	79	0	269	0	143	94	3146
796	1342	86	2896	77	2135	425	796	774	0	3147	577	2135	425	14019
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799	631	37	1236	42	84	69	799	30	0	138	0	84	69	2420
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801	784	46	1530	52	129	102	801	108	0	249	237	129	102	3468
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803	912	56	2012	63	218	133	803	132	0	413	0	218	133	4290
804	1148	70	2537	79	1223	282	804	416	0	1811	40	1223	282	9111
805	869	55	1964	61	1283	263	805	411	0	1840	32	1283	263	8324
806	1237	78	2792	86	245	182	806	152	0	441	0	245	182	5640
807	2183	128	4263	144	331	265	807	276	0	644	822	331	265	9652
808	1111	70	2511	78	257	167	808	183	0	495	174	257	167	5470
809	701	44	1589	49	146	122	809	272	0	372	1138	146	122	4701
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811	355	22	714	17	373	390	811	703	0	337	0	373	390	3674
812	689	45	1693	50	1502	289	812	577	0	2258	403	1502	289	9297
813	334	22	826	24	62	46	813	27	0	110	0	62	46	1559
814	629	39	1263	31	2164	499	814	1107	0	3149	0	2164	499	11544
815	1742	109	3506	86	2373	835	815	1951	0	4364	0	2373	835	18174
816	1119	70	2255	55	367	295	816	399	0	528	0	367	295	5750
817	721	45	1458	36	1072	219	817	410	0	1668	0	1072	219	6920
818	1676	105	3967	123	2505	557	818	1016	0	3925	0	2505	557	16936
819	2414	159	5949	174	686	883	819	1233	0	998	0	686	883	14065
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821	1100	67	2205	72	314	147	821	117	0	492	0	314	147	4975
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823	2542	159	6024	187	933	467	823	781	0	2019	751	933	467	15263
824	2022	126	4792	149	1291	406	824	494	0	2010	0	1291	406	12987
825	2315	140	4633	152	511	705	825	1091	0	811	1019	511	705	12593
826	1232	74	2471	81	217	157	826	100	0	330	0	217	157	5036
827	271	17	543	13	3331	759	827	2388	0	6440	126	3331	759	17978
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829	773	48	1555	38	303	115	829	127	0	507	0	303	115	3884
830	728	45	1492	37	1443	264	830	490	0	2075	324	1443	264	8605
831	1527	95	3120	77	560	259	831	501	0	1260	608	560	259	8826
832	899	56	1837	45	2390	506	832	1325	0	4212	284	2390	506	14450
833	2497	155	5106	126	4459	894	833	1862	0	7156	0	4459	894	27608
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835	915	54	1886	62	621	202	835	388	0	1204	0	621	202	6155
836	1514	90	3138	104	263	205	836	212	0	503	427	263	205	6924
837	1965	117	4077	135	4266	937	837	2789	0	7128	7442	4266	937	34059
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842	2302	152	5677	165	771	424	842	626	0	1559	735	771	424	13606
843	1	0	1	0	449	415	843	834	0	412	0	449	415	2976
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846	201	13	452	11	36	25	846	16	0	65	0	36	25	880
847	955	63	2356	68	202	164	847	289	0	463	1059	202	164	5985
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849	1109	73	2740	79	191	149	849	78	0	323	0	191	149	5082
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858	266	18	657	19	44	35		858	16	0	74	0	44	35		1208
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874	721	43	1480	49	113	90		874	57	0	194	0	113	90		2950
875	936	56	1921	64	181	136		875	112	0	256	47	181	136		4026
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879	1520	95	3271	103	503	230		879	213	0	776	182	503	230		7626
880	689	45	1580	47	153	93		880	60	0	252	0	153	93		3165
881	1266	79	2737	87	4217	714		881	1462	0	6149	395	4217	714		22037
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884	164	10	348	11	24	21		884	11	0	39	0	24	21		673
885	59	4	126	4	10	9		885	7	0	18	0	10	9		256
886	557	36	1276	38	86	71		886	37	0	146	16	86	71		2420
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897	129	9	298	8	32	18		897	19	0	62	0	32	18		625
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903	300	19	674	21	99	49		903	65	0	205	0	99	49		1580
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925	358	22	767	25	57	53		925	40	0	91	0	57	53		1523
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972	1937	120	4056	116	505	285		972	403	0	1033	687	505	285		9932
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1009	48	3	94	3	33	15		1009	62	0	89	237	33	15		632
1010	1674	102	3447	100	639	297		1010	530	0	1394	292	639	297		9411
1011	1088	66	2238	65	520	218		1011	398	0	1091	0	520	218		6422
1012	320	20	659	19	435	126		1012	387	0	1020	0	435	126		3547
1013	1	0	9	0	1	0		1013	0	0	1	0	1	0		13
1014	742	45	1524	44	353	122		1014	138	0	557	0	353	122		4000
1015	1155	76	2681	71	954	340		1015	830	0	2171	0	954	340		9572
1016	414	27	959	25	66	51		1016	25	0	113	0	66	51		1797
1017	857	57	1988	52	639	218		1017	489	0	1385	0	639	218		6542
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1019	1161	76	2689	71	261	170		1019	153	0	474	0	261	170		5486
1020	286	19	666	18	254	93		1020	230	0	576	0	254	93		2489
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1028	1952	126	4258	99	1868	511		1028	1173	0	3719	0	1868	511		16085
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1039	477	29	947	31	90	60		1039	49	0	170	0	90	60		2003
1040	687	43	1487	47	142	93		1040	77	0	257	0	142	93		3068
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1042	306	18	604	20	40	34		1042	14	0	66	0	40	34		1176
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1101	750	83	3540	28	3806	2768		1101	7406	0	6470	0	3806	2768		31425
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1110	83	7	222	6	9397	6625		1110	23324	0	18999	8	9397	6625		74693
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1136	221	14	510	16	112	49		1136	58	0	166	0	112	49		1307
1137	101	6	233	7	19	17		1137	13	0	27	0	19	17		459
1138	37	2	78	2	52	15		1138	47	0	123	0	52	15		423
1139	770	49	1772	55	423	144		1139	148	0	593	0	423	144		4521

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1142	0	0	0	0	0	0		1142	0	0	0	0	0	0		0
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1144	1340	82	2933	93	1051	309		1144	508	0	1729	142	1051	309		9547
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1146	651	40	1430	46	246	105		1146	121	0	429	0	246	105		3419
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1149	1443	89	3112	101	720	293		1149	574	0	1238	1667	720	293		10250
1150	1076	76	3039	83	742	256		1150	408	0	1349	0	742	256		8027
1151	709	44	1554	49	104	85		1151	47	0	179	55	104	85		3015
1152	422	30	1187	32	1035	221		1152	509	0	1755	0	1035	221		6447
1153	1081	66	2362	75	252	158		1153	155	0	476	0	252	158		5035
1154	68	5	195	5	26	13		1154	17	0	53	0	26	13		421
1155	125	8	275	9	23	17		1155	15	0	45	24	23	17		581
1156	0	0	0	0	1	1		1156	4	0	4	24	1	1		36
1157	769	47	1686	54	199	154		1157	167	0	283	24	199	154		3736
1158	1232	76	2698	86	199	174		1158	121	0	318	24	199	174		5301
1159	663	41	1449	46	487	300		1159	576	0	456	774	487	300		5579
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1162	58	4	127	4	129	23		1162	41	0	183	24	129	23		745
1163	271	17	622	20	41	33		1163	15	0	69	0	41	33		1162
1164	248	16	569	18	38	31		1164	14	0	63	0	38	31		1066
1165	1054	67	2435	76	265	153		1165	130	0	467	0	265	153		5065
1166	891	59	2604	75	667	209		1166	276	0	1083	40	667	209		6780
1167	1462	90	3200	102	653	688		1167	1058	0	854	47	653	688		9495
1168	61	4	131	4	27	9		1168	8	0	39	0	27	9		319
1169	292	17	646	22	75	40		1169	33	0	120	47	75	40		1407
1170	60	4	134	4	9	7		1170	3	0	15	0	9	7		252
1171	71	6	267	5	374	175		1171	340	0	533	0	374	175		2320
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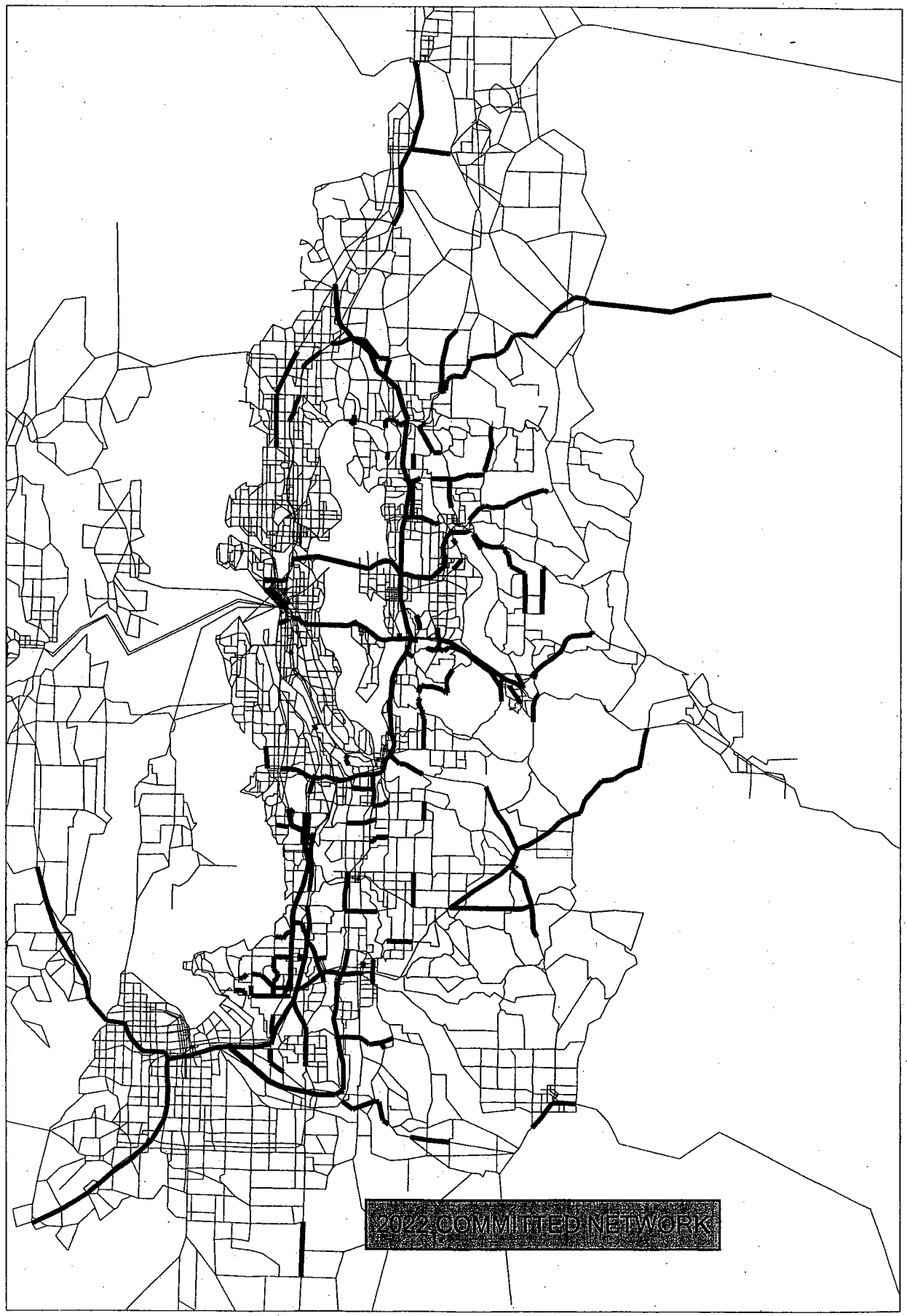
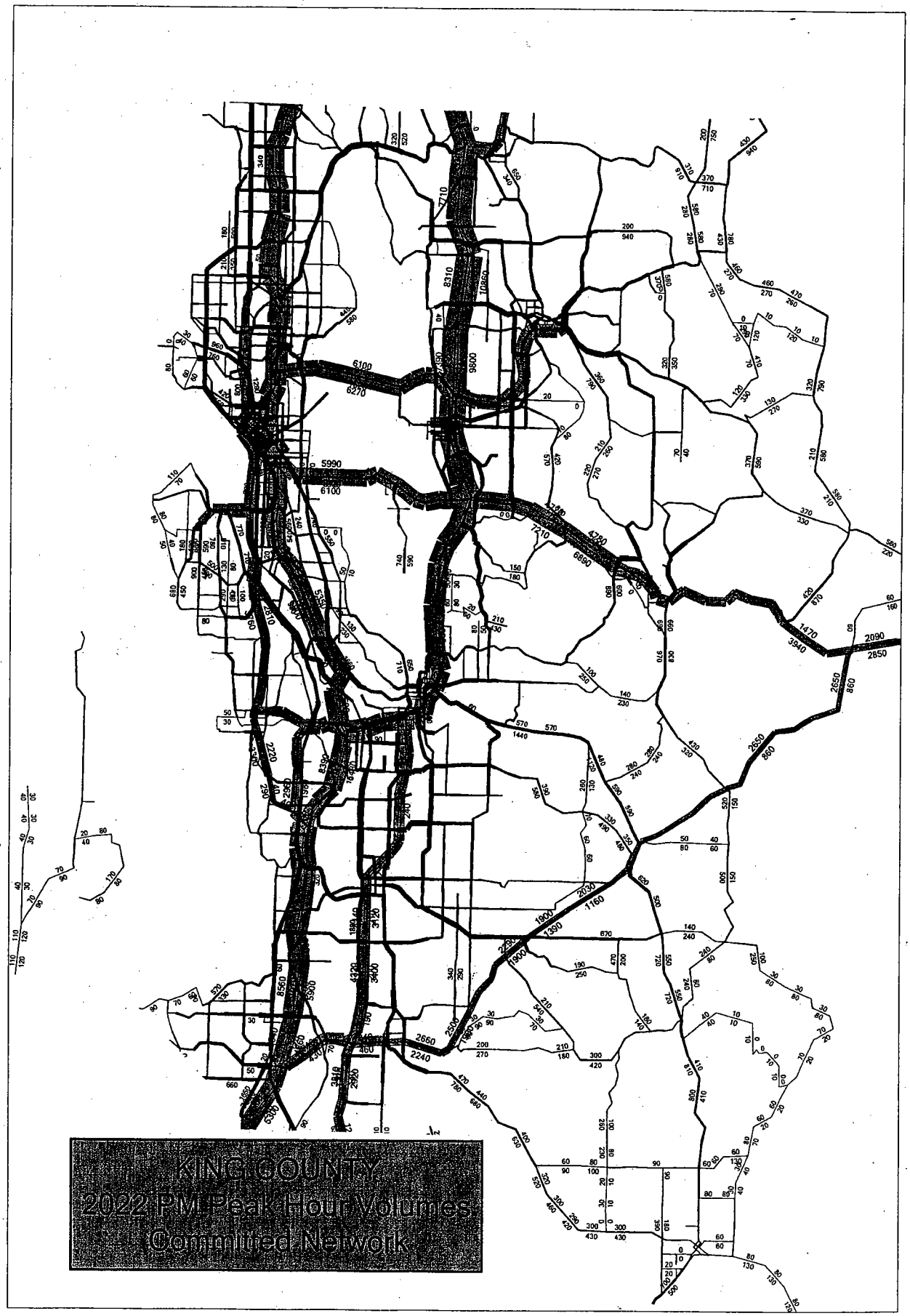
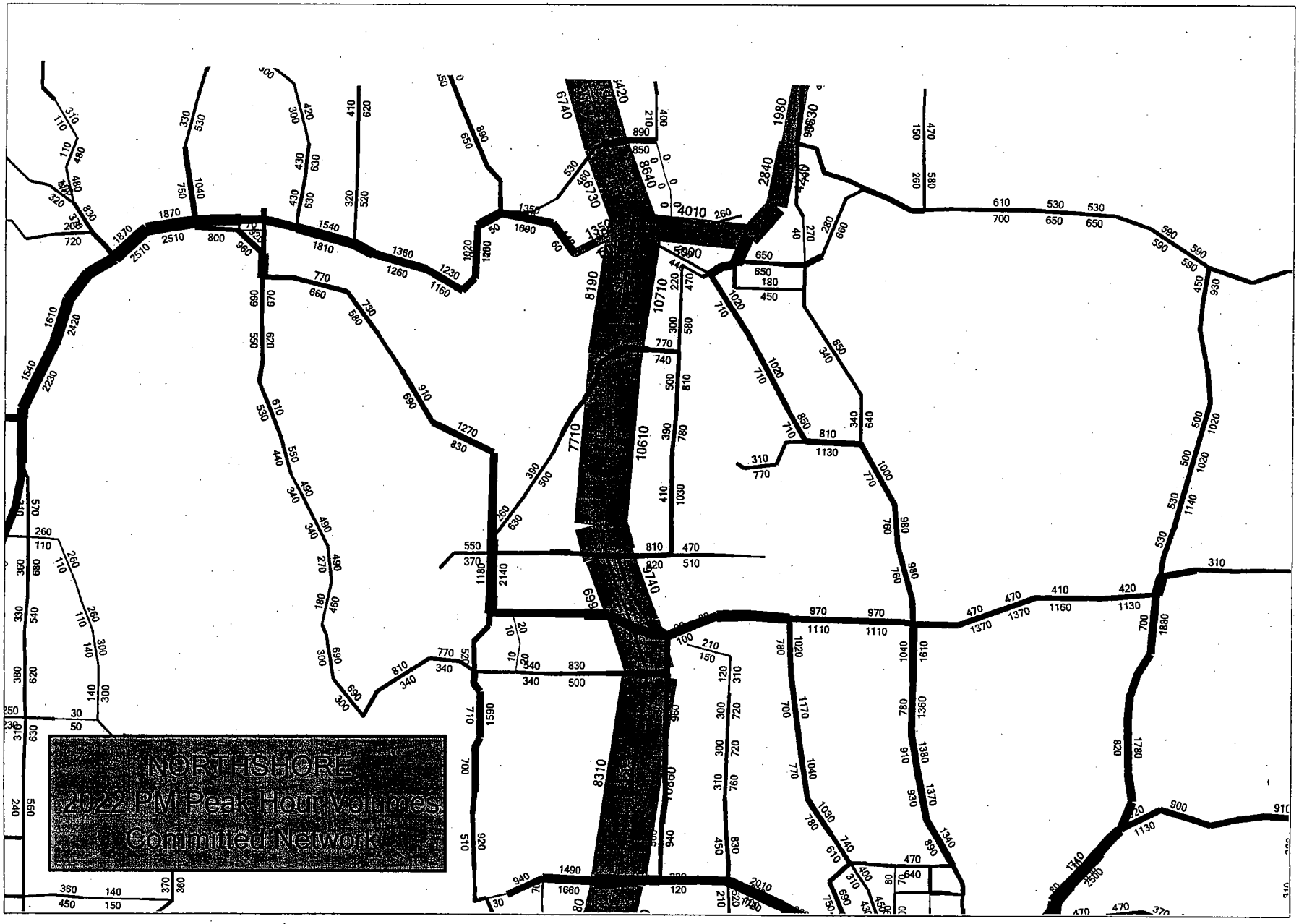
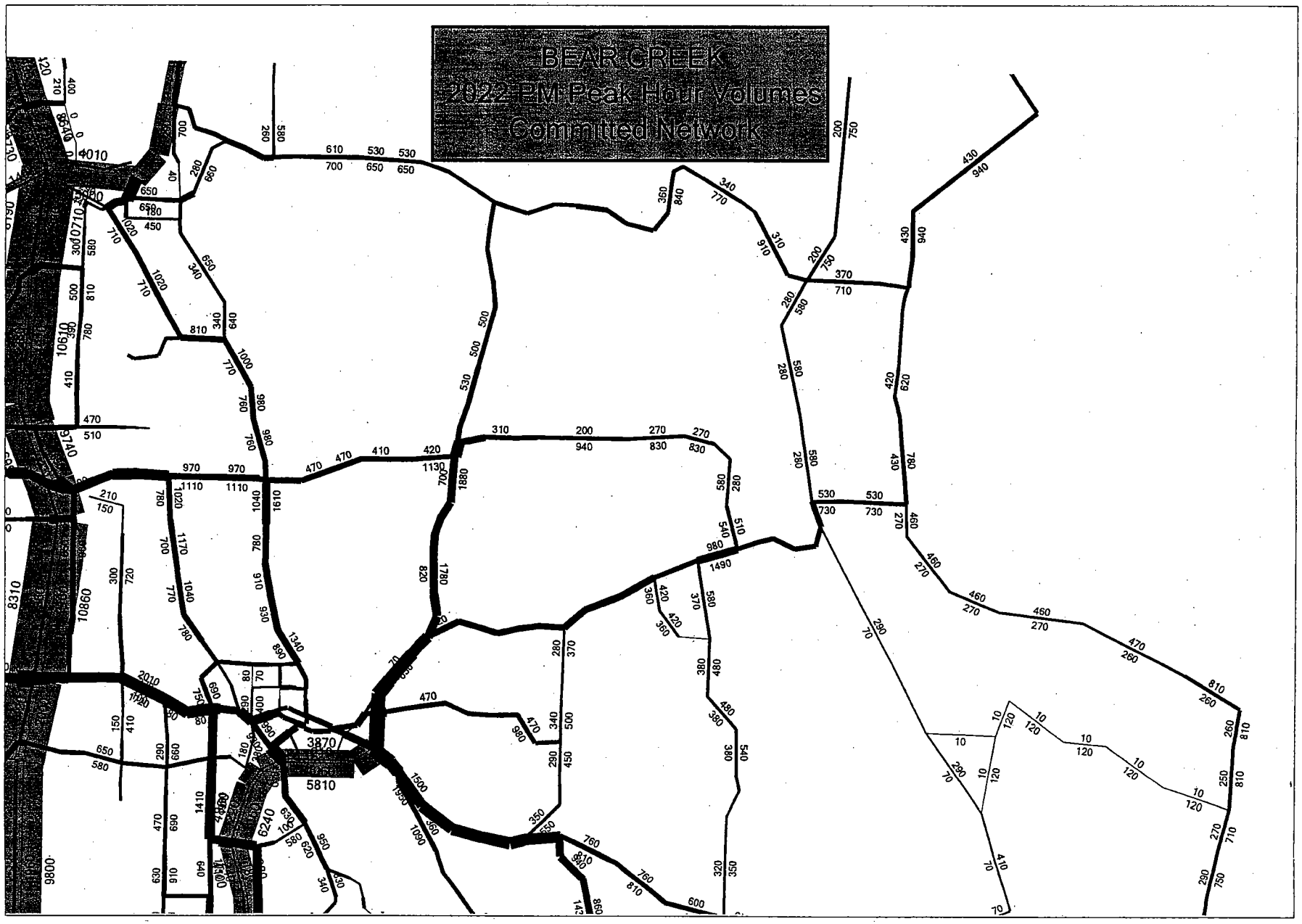
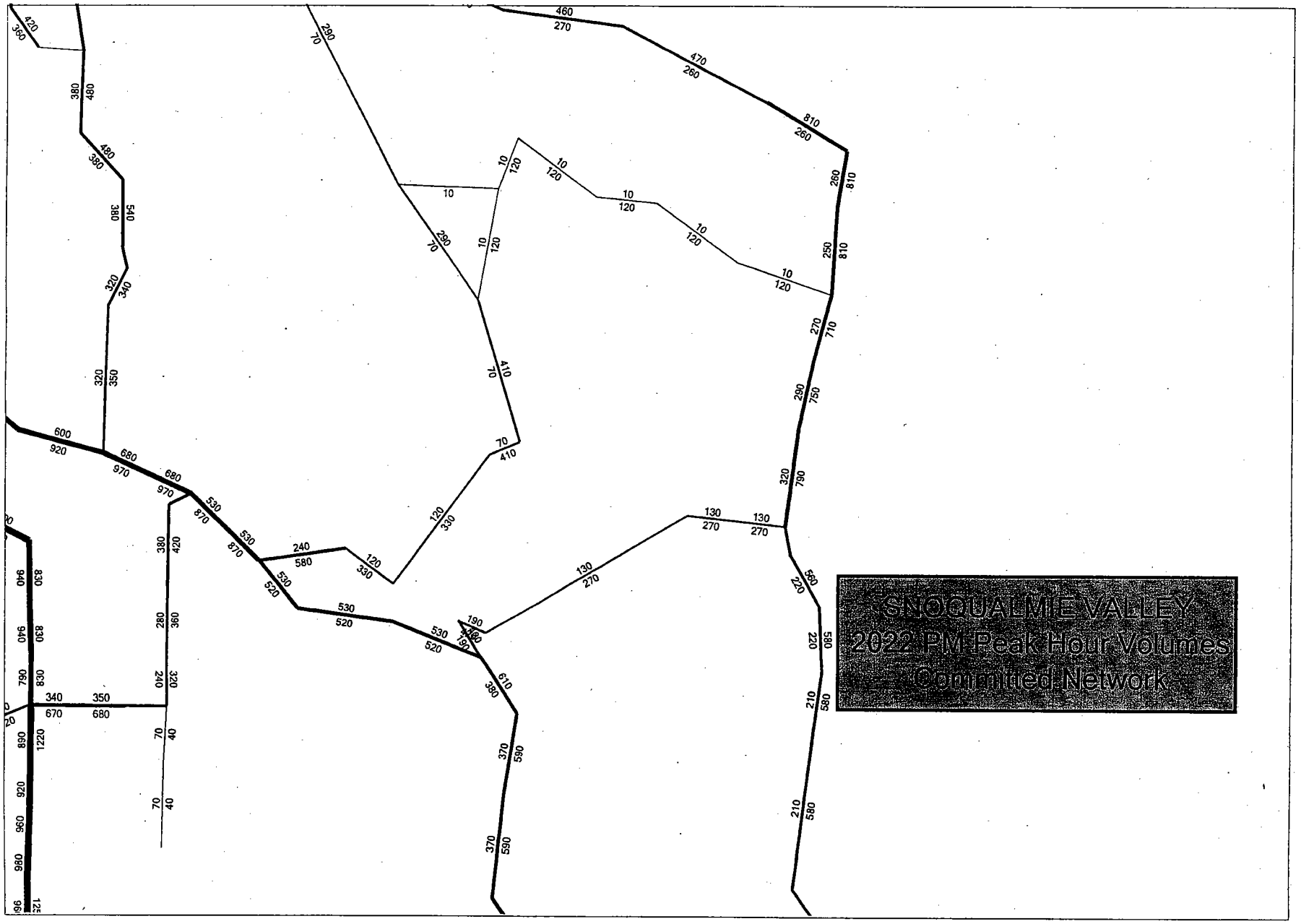
F. 2022 PM Peak Hour Volumes, King County Arterials

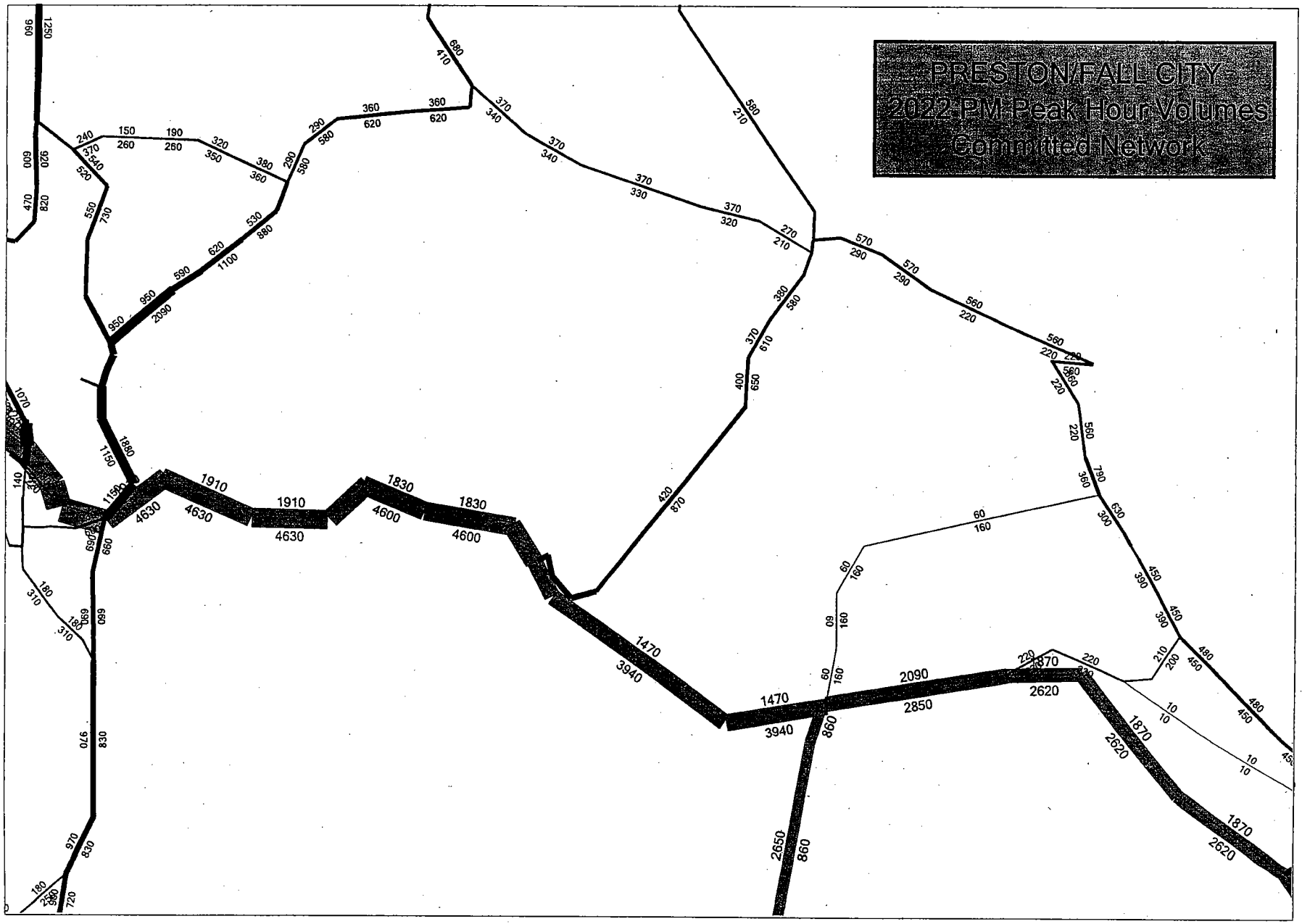

2022 COMMITTED NETWORK

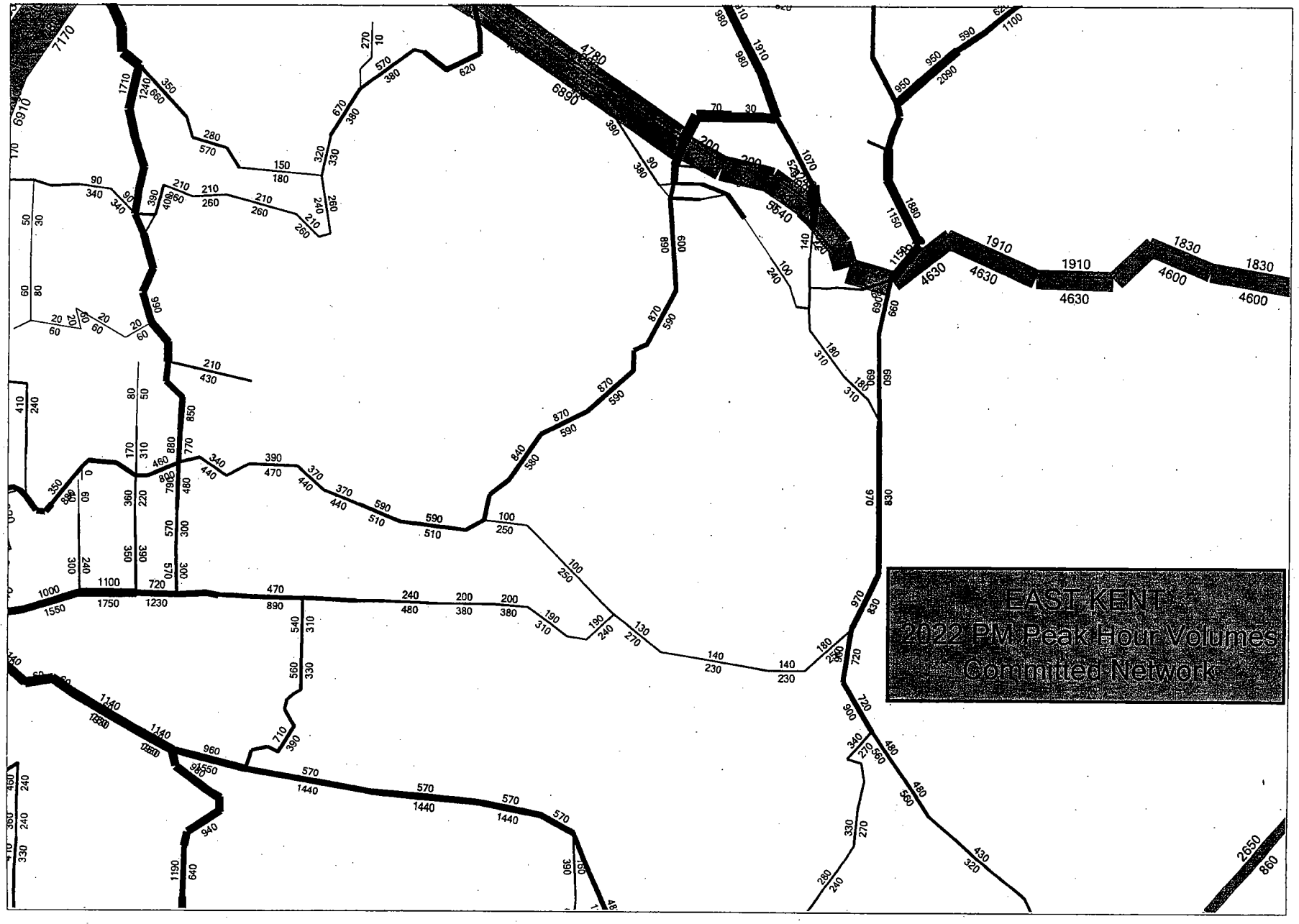

KING COUNTY
2022 PM Peak Hour Volumes
(Committed Network)

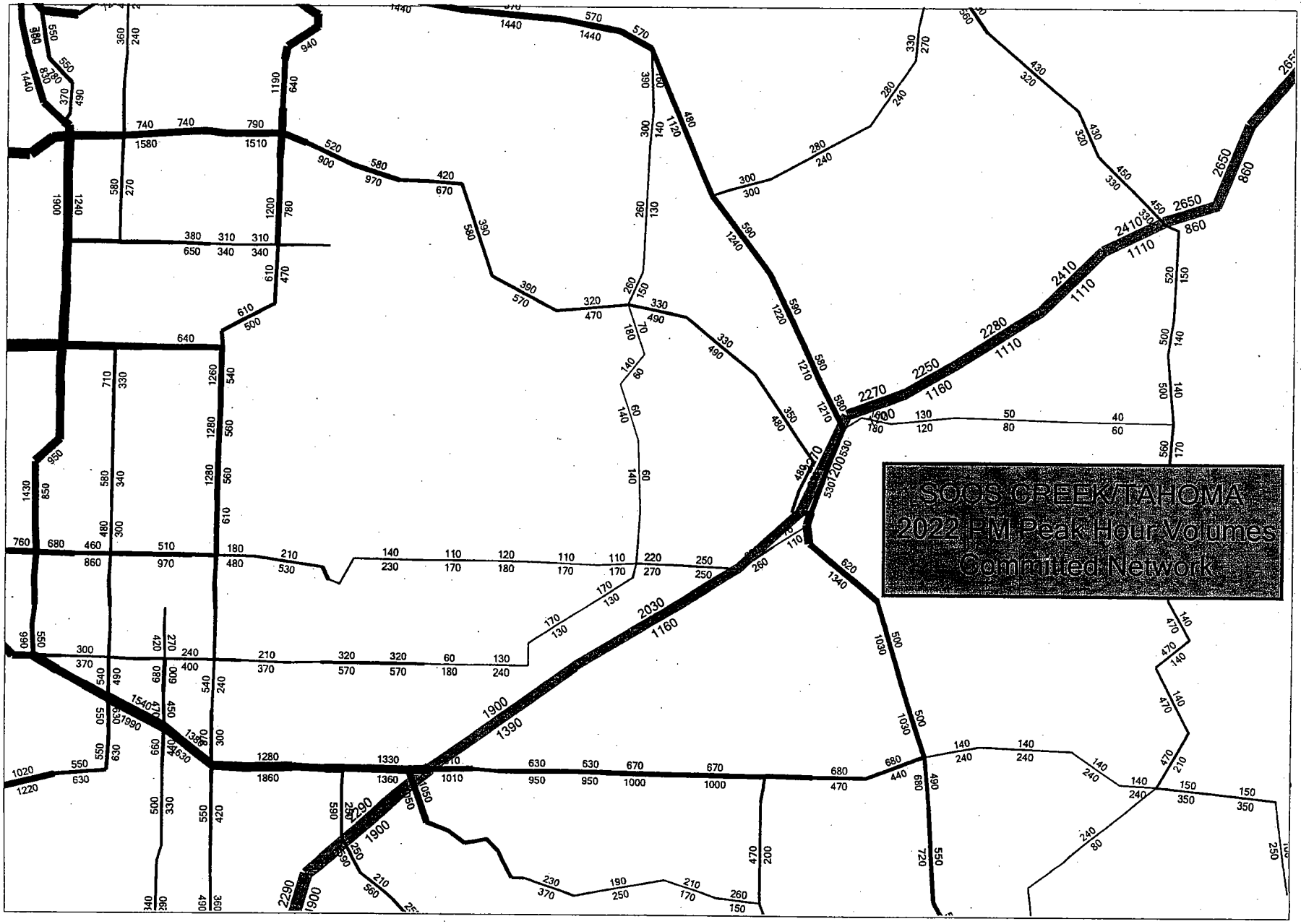

NORTHSHORE
2022 PM Peak Hour Volumes
Committed Network

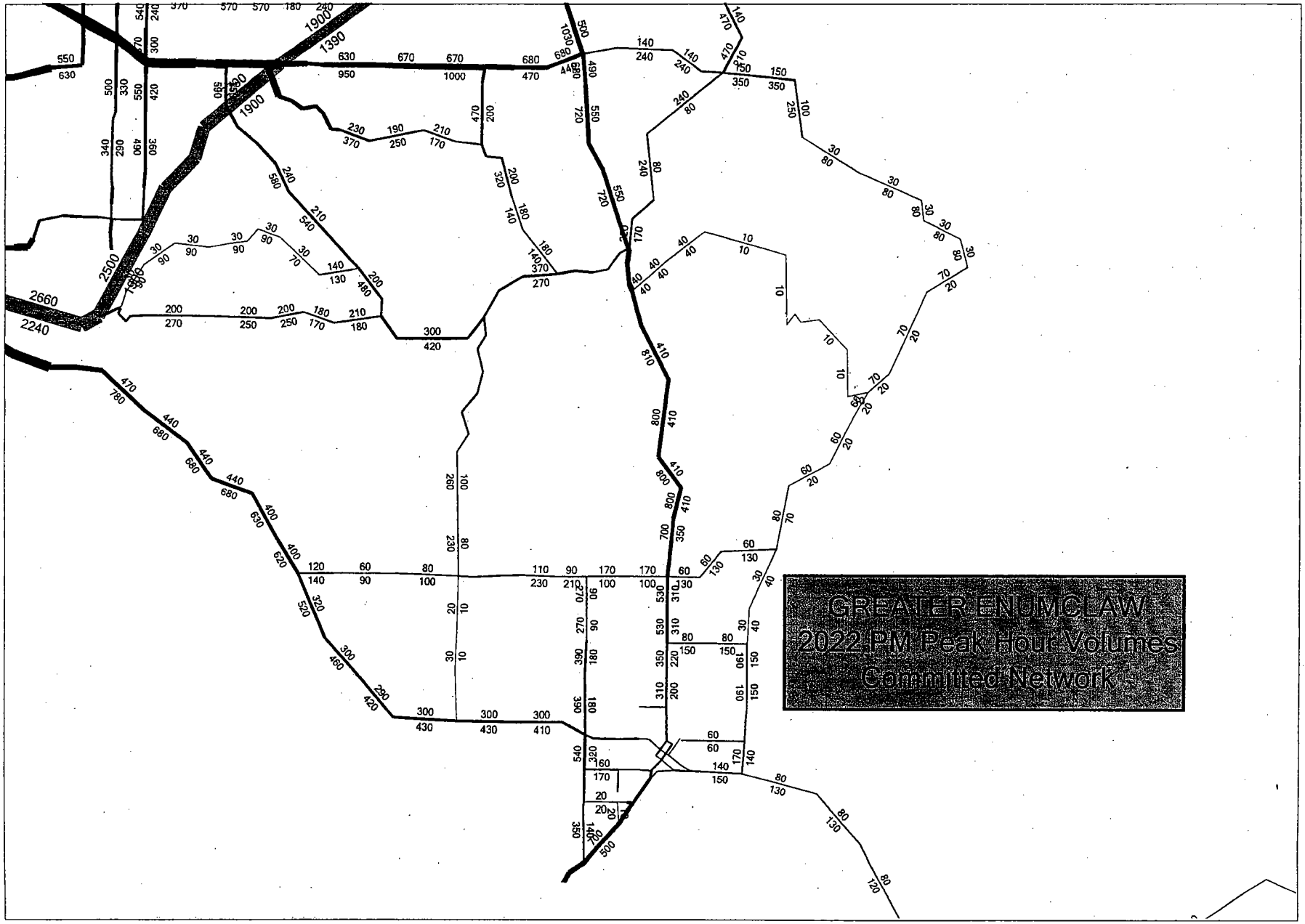

BEAR CREEK
2022 PM Peak Hour Volumes
Committed Network

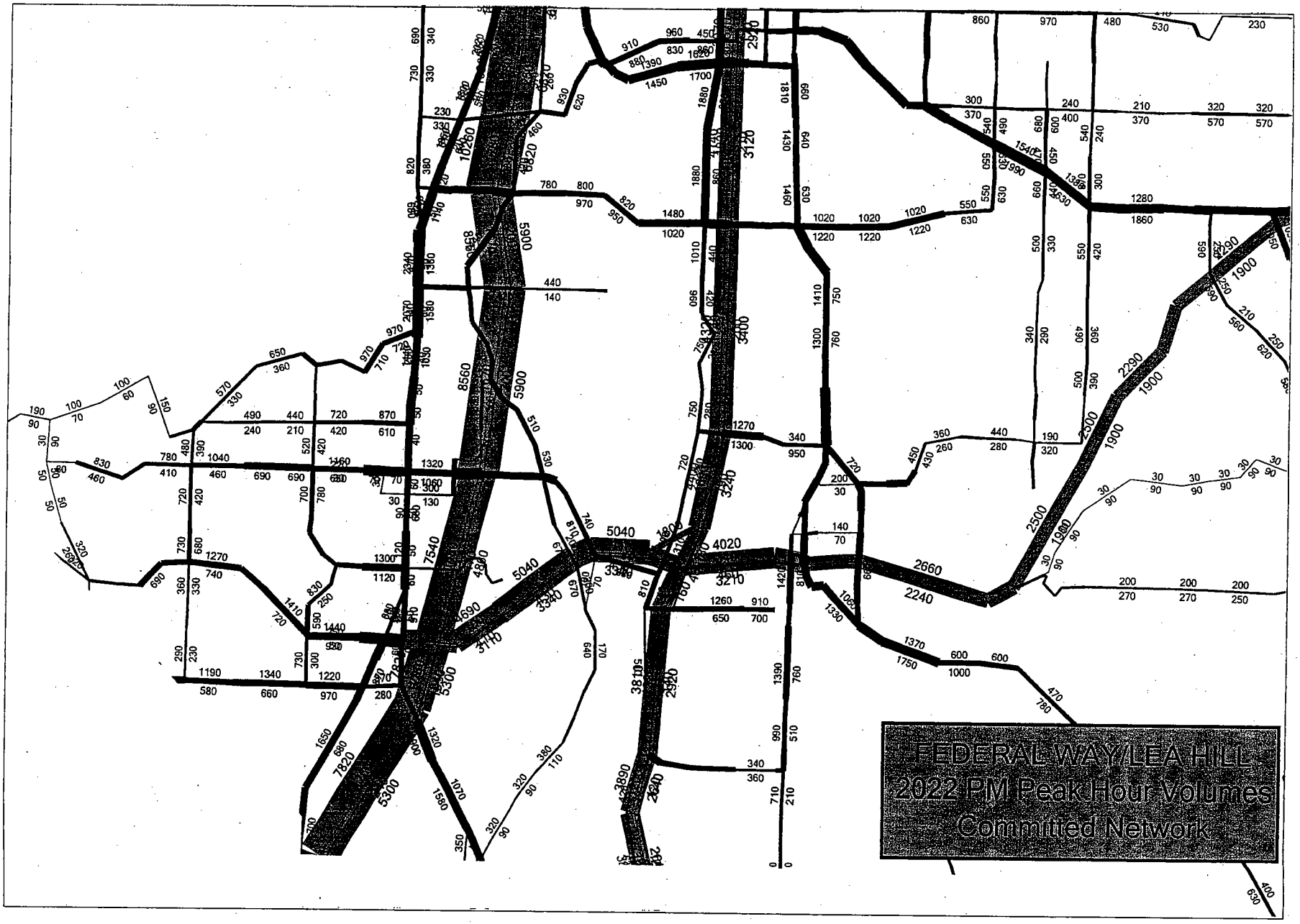

SNOQUALMIE VALLEY
2022 PM Peak Hour Volumes
Committed Network

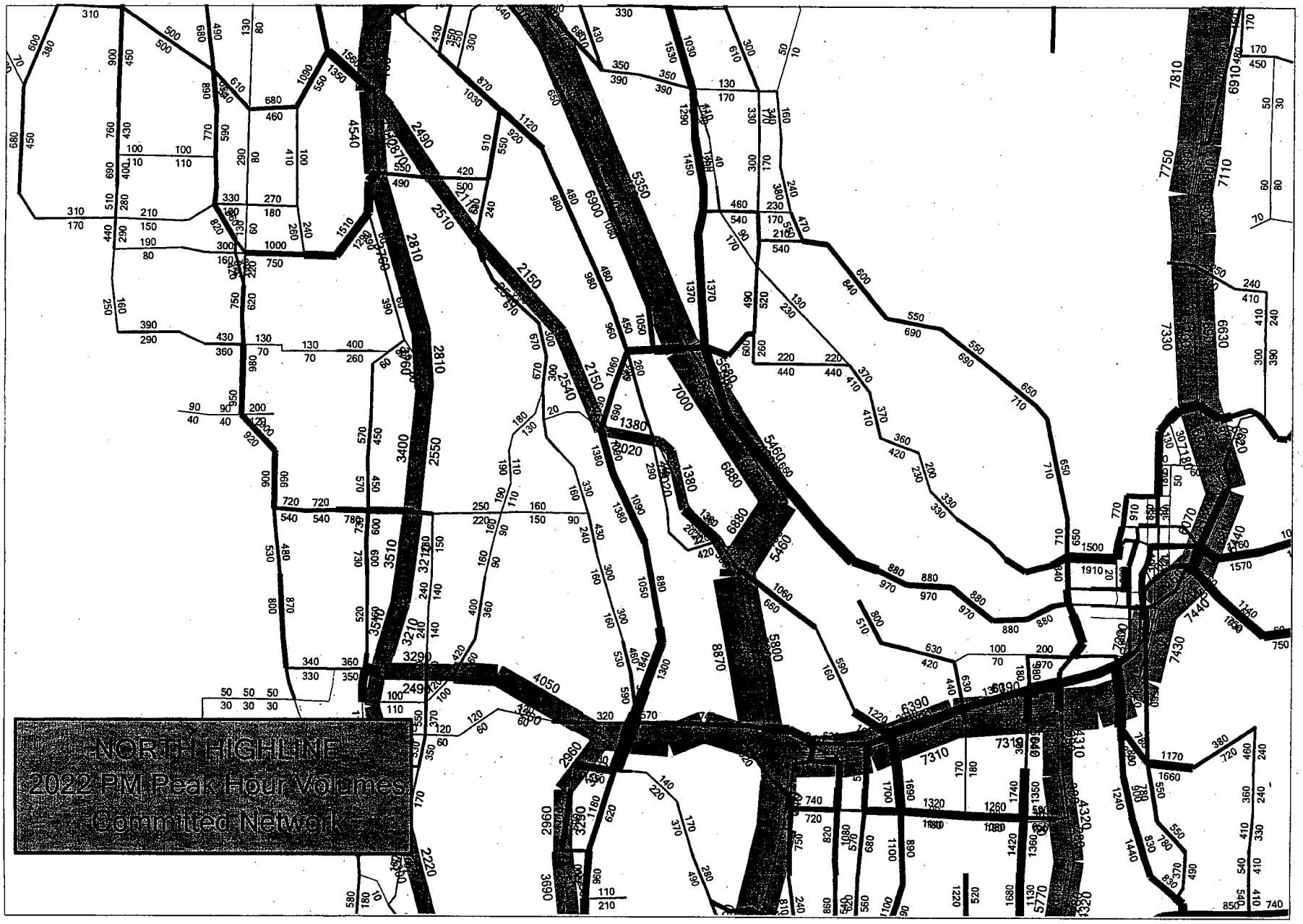

PRESTON/FALL CITY
2022 PM Peak Hour Volumes
Committed Network


EAST KENT
2022 PM Peak Hour Volumes
Committed Network


SOOS CREEK/TAHOMA
2022 PM Peak Hour Volumes
Committed Network


GREATER ENUMCLAW
2022 PM Peak Hour Volumes
Committed Network


FEDERAL WAY/LEA HILL
2022 PM Peak Hour Volumes
Committed Network


NORTH HIGHLINE
2022 PM Peak Hour Volumes
Committed Network

G. 2022 PM Peak Hour Volumes, State Facilities

STATE FACILITIES
2022 PM Peak Hour Volumes
Combined Network

STATE FACILITIES
2022 PM Peak Hour Volumes
Committed Network
5990
6100
5050
4190
5860
6970
4720
7210
4780
6890
8790
7810
6910
7330
6630
5350
6900
2810
3760
4660
8870
5800
2220
3300
8390
5430
240
4300
3500
3970
2920
570
570
1440
480
1120
590
590
2270
1200
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2030
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2650
860
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330
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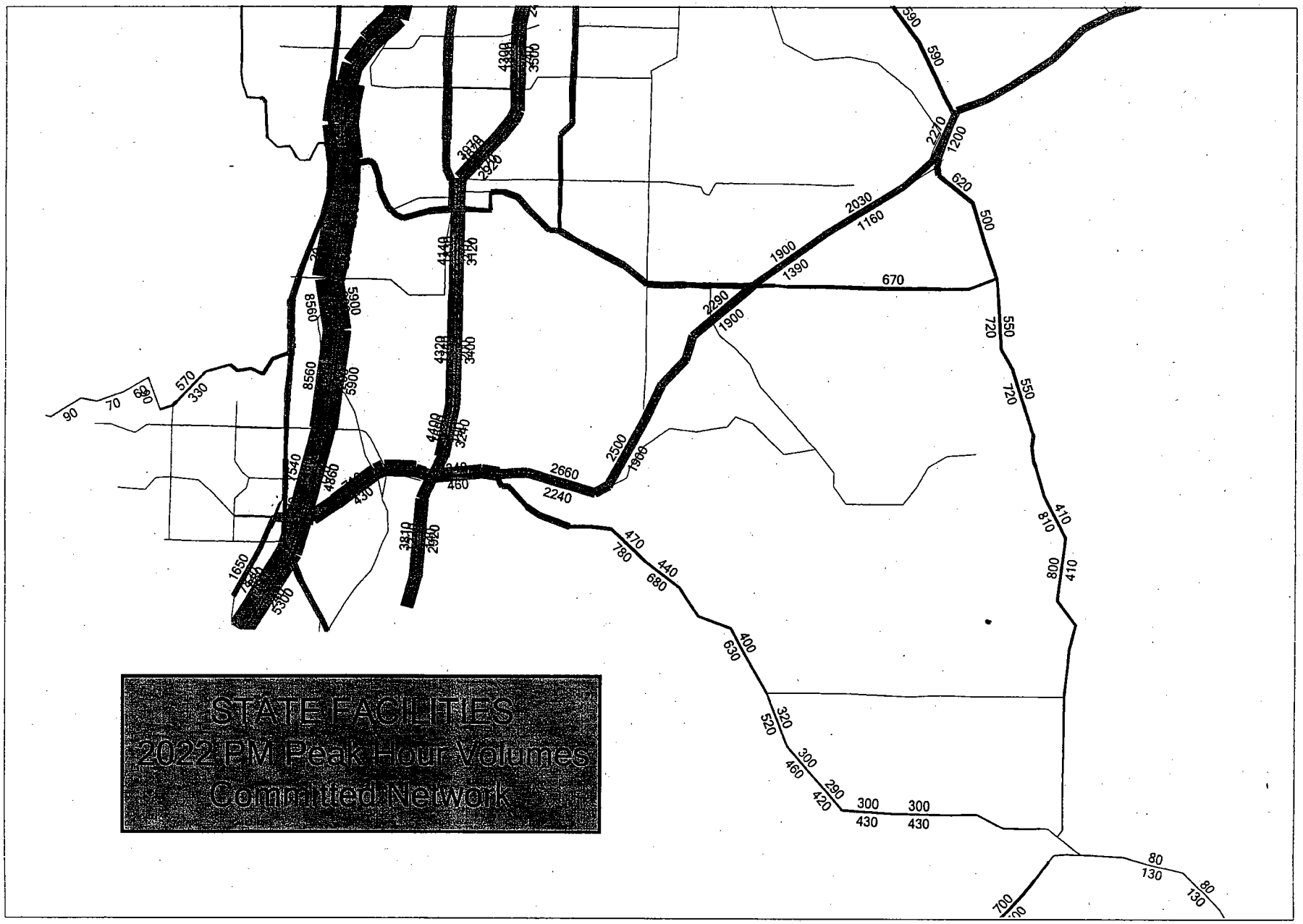
1470
3940


STATE FACILITIES
2022 PM Peak Hour Volumes
Committed Network