

# **SDC Advisory Committee**

# **MEETING #1 AGENDA**

Tuesday, June 12, 2018
3:00-5:00 p.m.

Community Development and Engineering Building,
51 Winburn Way
(Siskiyou Room)

- 1. Project Background and Objectives
- 2. Transportation SDC Fundamentals
- 3. SDC Assessment Options
- 4. Next Steps
- 5. Additional Meetings: Tuesday June 26th, Thursday, July 19th

Attachment: Background Information Paper



# Ashland System Development Charge Review Committee MINUTES June 12, 2018

#### **CALL TO ORDER**

Brown meeting began at 3:00 PM

Members Present: Troy Brown Jr., Dan Jovick, Jac Nickels, Russ Silbiger

Staff Present: Paula Brown, Scott Fleury, Brandon Goldman, Mark Welch and Tara Kiewel

Consultant Present: Deb Galardi, Galardi Rothstein Group

Council Liaison Present: Rich Rosenthal

Introductions – Roundtable introductions of members and staff.

**Project Background and Objectives** – Brown gave the background on Transportation System Development Charges (TSDCs). New fees were implemented on July 1, 2017. After receiving several commercial permits and implementing the fees Brown felt they should be reviewed. She <u>asked Council</u> to repeal the new fees, and re-establish the previous TSDCs. Brown would like the Committee to review and to ensure we are correctly assessing commercial activities and are following appropriate procedures. The goal is to have a defensible and appropriate TSDCs.

**Transportation SDC Fundamentals-** Deb Galardi, Galardi Rothstein Group - see attached presentation. The Committee is being asked to evaluate how fees are calculated and to consider the cost of future growth needs. The Committee will be discussing State law requirements, industry standards, and data sources.

**SDC Assessment Options** – Galardi explained all assessments are trying to determine an equitable distribution of costs. There are three types of trip adjustments; trip rates, trip rate adjustments, and trip length factors. Trip rates measure traffic impacts and are assessed to different kinds of development. The current TSDCs uses average daily trip rates. P.M. peak hour trips rates is another method used for assessment and looks at when system is the most congested to determine capacity needs. There are limited data sources on trip length assessments.

Brown asked if other communities are using trip lengths and Galardi said the trend is going away from using this assessment. Portland and Clackamas County just removed trip length adjustments, and she recommends removing this assessment. Galardi also shared that she isn't aware of any communities not using the pass by adjustment.

Brown doesn't want to have SDCs or streets built for the largest traffic day of the year. If the Committee wants to look at P.M. peak it should be aware that it is a big shift. Brown asked what methodology other municipalities are using and Galardi explained it is evenly split between average daily and P.M. peak. The Committee will see examples of both assessments at the next meeting.

Brown Jr. feels like P.M. peak is geared for larger working communities and average daily trip will work better for a smaller community. He requested more data to review before the next meeting.

# Ashland System Development Charge Review Committee MINUTES June 12, 2018

Silbiger asked for clarification about eligibility of projects and if studies are included. Galardi mentioned that some committees she works with do include studies. Studies that evaluate the system constraints are part of designing and building the system. Brown said this is compliance, and she will try to get a better definition for the Committee.

Jovick understands designing for peak, but feels average daily is a more equitable way to calculate fees.

Fleury mentioned that design accounts for a bigger impact automatically when looking at intersection control outside of peaks times.

Goldman mentioned SDC deferrals that will need to be considered. Brown asked for information that could sent to Galardi.

**Next Steps Project-** The Committee will receive a project list information highlighting changes to projects and updated costs. Galardi will share new cost per trip with P.M. peak and average daily adjustments for review.

NEXT MEETING DATE: Tuesday June 26, 2018

ADJOURNMENT: Meeting Adjourned 4:30 p.m.

Respectfully submitted, Tara Kiewel Public Works Administrative Assistant

# City of Ashland Transportation System Development Charge Update SDC Advisory Committee Meeting #1

#### **Overview**

The City of Ashland (the City) is working to update its Transportation System Development Charges (TSDCs). TSDCs are one-time fees paid by a developer at the time a building permit is issued. These fees are used to pay for needed improvements to the transportation system to accommodate growth in all modes of travel (auto, bike and pedestrian) associated with new development.

This update process will result in updates to:

- TSDC rates and basis for how they are assessed to different types of development.
- Update the **list of projects** that are eligible to be funded using TSDC funds (called the "TSDC Project List").
- Municipal code provisions related to TSDC methodology and administration.

#### **TSDC** Assessment

The first set of policy issues to be reviewed and discussed by the SDC Advisory Committee relate to how TSDCs are assessed to different types of development. The TSDC that a developer pays is based on the system-wide cost per trip (to be established by the SDC project list) and the number of trips attributable to a particular development. Both the type and size of the development are predictors of trip generation as shown in the following standard equation:

Development Trips = Trip Generation Rate per unit (for specific land use) X Adjustment Factor(s)

X Size (number of units specific to development)

Selection of the type of **trip generation rate** and specific **adjustment factors** to include in the methodology are policy decisions to be considered here. Development units are determined based on specific development plans, and are generally measured by dwelling units (in the case of residential development) or some other building scale factor (like square feet of building area).

The subsections below summarize the options related to TSDC assessment to be considered in the current update. For purposes of the discussion below "Current Methodology" and "Status Quo" refer to 1999 TSDC Methodology, which the City has been using since re-adoption in November 2017. *Each of these issues and options will be discussed further at the SDC Advisory Committee meeting on June 12, 2018.* 

#### Trip Rate Type

The trip rate type refers the time of day during which traffic impacts are measured. The current TSDC schedule is based on weekday average trip rates. Many other communities use P.M. peak hour trip rates for assessing TSDCs. Generally, infrastructure systems are sized to meet the peak demands of

users. For transportation systems, the peak period generally occurs during the weekday afternoon period. Although it is widely recognized that peak-hour trips have a significant impact on roadway capacity, many communities base their SDCs solely on average weekday trips. SDCs based on average daily trips recognize the overall capacity utilization of different types of land uses, as opposed to system usage exclusively during the peak hour(s).

# Option 1: Continue to use Average Daily Trip Rates

Status quo

Pros and Cons of this approach:

Pros	Cons
Recognizes overall transportation capacity	System performance and capacity needs
utilization of different type of land uses	evaluated based on PM Peak hour.
and modes (bike and pedestrian).	More limited data availability compared to
Maintains rate stability.	PM Peak Hour.

#### Option 2: Use PM Peak Hour Trip Rates

Using PM Peak Hour as the basis for the SDCs, as opposed to average daily trip rates, will result in higher SDCs for land uses that generate proportionately higher trips during the PM peak hour. Land uses with relatively higher peak hour rates include such developments as general offices, financial institutions, and industrial. The use of peak hour capacity will tend to result in lower SDCs for non-peak developments, like recreational, senior housing, and some institutional land uses (e.g., churches and hospitals), as well as some schools.

## Pros and Cons of this approach:

Pros	Cons
Trip rate aligned with system planning	Would result in some significant changes
considerations.	to land use assumptions and
Data more readily available.	corresponding rates.

# **Trip Rate Adjustments**

The current TSDC methodology includes two adjustments to trip rates: 1) percent new trips, and 2) trip length factors. Each is addressed separately.

## **Percent New Trips**

Total trip rates are reduced by the portion of "pass-by" trips to determine the new (or primary) number of trips generated by a land use. Pass-by trips refer to trips that occur when a motorist is already on the roadway, as in the case of a traveler stopping by a fast-food restaurant on the way home from work. In this case, the motorist making a stop while "passing by" is counted as a trip generated by the restaurant, but it does not represent a new (or primary) trip on the roadway. Pass-by trips are studied and reported by the Institute of Transportation Engineers (ITE) and differ by land use. Retail establishments and fast-

food restaurants are generally among the land uses with the highest percent of pass-by trips relative to total trips generated.

A diverted linked trip is another type of non-primary trip but in this case the motorist will divert from a primary route to access a nearby use (e.g., a vehicle may turn off a major roadway onto an intersecting street to access a land use), and then return to the original route to complete the trip. Reported data on diverted linked trips is more limited, but is included in the ITE Trip Generation manual for some land use types.

## Option 1: Discount Trip Rates for Pass-by Trips Only (Status Quo)

## Pros and Cons of this approach:

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Pros	Cons
Consistent with standard industry practices	Does not discount trip rates for diverted
to assess SDCs based on new or primary	linked trips, which may have a reduced
trips only.	impact on system.
Supported by data from ITE.	
Maintains rate stability.	

# Option 2: Discount Trip Rates for both Pass-by and Diverted Linked Trips Adding an adjustment for diverted linked trip will further reduce trip rates for a limited number of commercial categories (primarily, shopping centers, food and convenience markets, restaurants, and gas stations)

## Pros and Cons of this approach:

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Pros	Cons
Supported by ITE data for some land use	Data is very limited.
categories.	Diverted trips still have some impact on
May be used in place of trip length	system via use of intersecting street.
adjustment to reflect reduced system	
impact of these shorter, non-primary trips.	

## **Trip Length Factors**

The current methodology includes an adjustment for average trip length. Unlike pass-by and diverted link trip adjustments, trip length factors by land use type are not based on ITE published data; it is unclear of the source of the current trip length data.

Option 1: Include Trip Length Factors (Status Quo)
 Current trip length factors included in the methodology vary from 0.07 (for service stations) to 1.12 (for some industrial uses). Single family residential dwelling units are

assumed to have a factor of 1.0. The trip rates (and associated TSDCs) are reduced for land uses with trip length factors less than 1.0, and are increased for land uses with factors greater than 1.0.

Pros and Cons of this approach:

Pros	Cons
In theory, lower trip lengths have less	Data is extremely limited, and unlike other
impact on roadway system.	adjustment is not based on ITE.
	Furthermore, trip length may be more
	directly attributable to location and the
	availability of other similar uses in the
	area, than the type of land use.

## • Option 2: Exclude Trip Length Factors

Eliminating trip length factors (all other things being equal) will have the effect of increasing trip rates for some land uses (e.g., retail, service stations, and financial institutions) and decreasing trip rates for other land uses (industrial and schools). The increases to some of the land uses will be off-set to some extent if a diverted linked trip adjustment is implemented.

## Pros and Cons of this approach:

Pros	Cons
May be more equitable and defensible given the limited data available and the	Some significant rate changes for certain land use types.
fact that land use may not be the primary	Tana ase types.
factor in determining trip length.	

Based on Current Cost per Trip	Based on Current Cost per Trip							
	Current \$/Trip	\$214	O	urrent Trip	Current Trip Assumptions	8		
Description	Unit of Measure	Current TSDC	Daily Trip Rate	Trip Length Factor	Linked Trip Factor <sup>1</sup>	Adjusted Trip Rate		
SINGLE FAMILY DWELLING	PER DU	\$ 2,044	9.55	1.00	1.00	9.55		
APARTMENTS	PER DU	\$ 1,343	6.47	0.97	1.00	6.28		
GENERAL OFFICE BUILDING	PER TGSF		16.58	0.65	1.00	10.78		
HOSPITAL	PER TGSF	\$ 3,411	16.78	0.95	1.00	15.94		
SUPERMARKET	PER TGSF	\$ 1,210	87.82	0.14	0.46	5.66		
HIGH TURNOVER RESTAURANT	PER TGSF	\$ 6,262	205.36	0.19	0.75	29.26		
GASOLINE/SERVICE STATION	PER VEH.FUEL.POS.	\$ 1,644	142.54	0.07	0.77	7.68		
ELEMENTARY SCHOOL	PER STUDENT	\$ 252	1.09	1.08	1.00	1.18		
GENERAL LIGHT INDUSTRIAL	PER TGSF	\$ 1,671	6.97	1.12	1.00	7.81		
				DaU	Updated ITE 10th Edition	Edition		
		Current				Rev Adi		
Description	Unit of Measure	TSDC	Daily Trip	Trip Length	Linked Trip	Daily Trip	% Change	2016 TSDC
		ADTR	ה ה	Factor	ר מכוס	(ADTR)		Study
SINGLE FAMILY DWELLING	PER DU	\$ 2,020	9.44	1.00	1.00	9.44	-1%	\$ 2,154
APARTMENTS	PER DU	\$ 1,566	7.32	1.00	1.00	7.32	17%	\$ 1,415
GENERAL OFFICE BUILDING	PER TGSF	\$ 2,084	9.74	1.00	1.00	9.74	-10%	\$ 3,147
HOSPITAL	PER TGSF	\$ 2,294	10.72	1.00	1.00	10.72	-33%	
SUPERMARKET	PER TGSF	\$ 5,941	106.78	1.00	0.26	27.76	391%	
HIGH TURNOVER RESTAURANT	PER TGSF	\$ 7,442	112.18	1.00	0.31	34.78	19%	
GASOLINE/SERVICE STATION	PER VEH.FUEL.POS.	\$ 8,466	172.01	1.00	0.23	39.56	415%	\$ 33,055
ELEMENTARY SCHOOL	PER STUDENT	\$ 404	1.89	1.00	1.00	1.89	61%	
GENERAL LIGHT INDUSTRIAL	PER TGSF	\$ 1,061	4.96	1.00	1.00	4.96	-36%	\$ 2,281
<sup>1</sup> Pass-by adjustment only								
<sup>2</sup> Pass-by and diverted link adjustment com	ıt combined							
ADTR = Adjusted Daily Trip Rate								
TGSF = Thousand Gross Square Feet	<b>.</b>							
TSFGLA = Thousand Square Feet Gross Leasable Area	oss Leasable Area							
DU = Dwelling Unit								
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# Transportation & Wastewater SDC Update

SDC Advisory Committee Meeting
June 12, 2018





# Agenda

- ⊗Project Background & Objectives
- **∞**TSDC Assessment Options
- ⊗Next Steps

# **Background**

- Solution Strategies
  Solution Strategi
  - Based on then current Transportation System Plan (TSP)
  - Land use trip generation assumptions from ITE Trip Generation Manual 5<sup>th</sup> edition
- STSP Updated and adopted in March 2013
- **SOTSDC** methodology updated and adopted in 2016
  - New project list and \$/trip
  - New TSDC assessment basis
    - PM Peak hour traffic impact
    - No trip generation rate adjustments (e.g., pass-by trips)
  - TSDCs for some land uses increased by almost 2000%
- **™**Updated TSDCs repealed in 2017

ITE = Institute of Transportation Engineers

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# **Project Objectives**

- Equity/Fairness
  - Trip Assessment
  - Project costs (growth share)
- ⊗Revenue Adequacy
  - Potential reimbursement fee
- **∞**Incentives/Discounts
- **∞** Defensibility

# TSDC Fundamentals: SDC Components

## Reimbursement Fee

- Costs of existing or in-process facilities
- Related to available capacity

## Improvement Fee

- Projects included on an adopted list
- Related to capacity for growth

# Compliance Fee

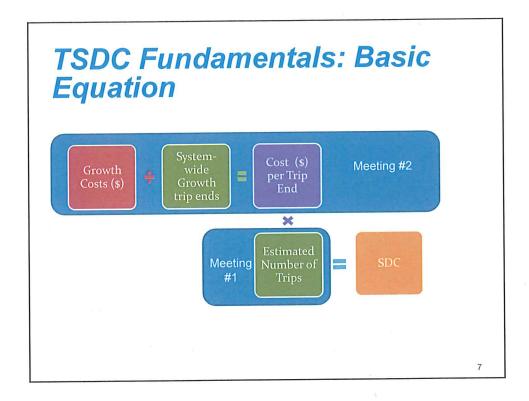
- SDC methodology development
- · Master planning
- SDC accounting, etc.

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# TSDC Fundamentals: Proportionate Share

Theory	Practice
Charge proportionate to "use"	Individual property trips are not 'monitored'
Use = number of trips to and from a property	Estimate from trip generation rates by land use type*

\*Primary source of data is Institute of Transportation Engineers *Trip Generation Manual* 



# TSDC Assessment: Estimating Development Trips

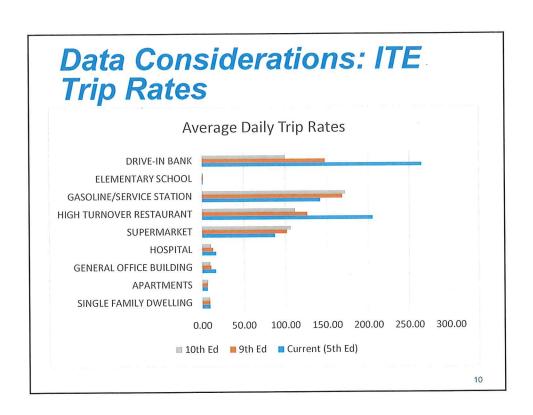


#### Where trip rates:

- Are either based on average daily or afternoon (P.M.) peak hour
- Vary by land use category
- Are based on Institute of Transportation Engineers (ITE) Trip Generation Manual data

# **Considerations for Update**

Policy Questions	Data Considerations
Trip Rate Type	ITE 10 <sup>th</sup> edition vs. 5 <sup>th</sup> edition
Trip Rate Adjustments	Source for trip length adjustments
*Primary trips (pass-by and diverted link trip reductions) *Trip length	Diverted link adjustments available for limited uses (9)



# Sample Impacts: Update to ITE Trip Rates Only\*

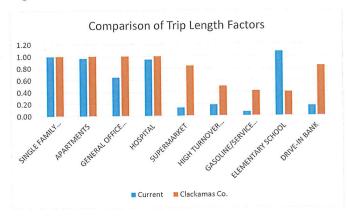
Description	Unit of Measure	Current	Updated Trip Rates	Difference \$	Difference %
SINGLE FAMILY DWELLING	PER DU	\$2,044	\$2,020	-\$24	-1%
APARTMENTS	PER DU	\$1,343	\$1,519	\$176	13%
GENERAL OFFICE BUILDING	PER TGSF	\$2,306	\$1,355	-\$951	-41%
HOSPITAL	PER TGSF	\$3,411	\$2,179	-\$1,232	-36%
SUPERMARKET	PER TGSF	\$1,210	\$1,472	\$261	22%
HIGH TURNOVER RESTAURANT	PER TGSF	\$6,262	\$3,421	-\$2,842	-45%
GASOLINE/SERVICE STATION	PER VEH.FUEL.P	\$1,644	\$1,984	\$340	21%
ELEMENTARY SCHOOL	PER STUDENT	\$252	\$437	\$185	73%
DRIVE-IN BANK	PER TGSF	\$5,307	\$2,002	-\$3,305	-62%

<sup>\*</sup>Assumes current methodology for trip type (average daily trips) and adjustment factors

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# Data Considerations: Trip Length Factors

- No industry standard source
- Most surveys tend to be very dated and for rural counties
- Significant variability in factors used



# Policy Issue #1: Trip Rate Type

Option	Pros	Cons
Average Daily	a) Considers broad capacity utilization;      b) May better match active mode capacity needs      c) Maintains rate stability (status quo)	a) Auto system performance based on peak;      b) ITE trip rates more limited;      c) Trip adjustments based on peak
PM Peak	Aligns with auto system performance evaluation from TSP/CIP     Better alignment with trip adjustment factors     More robust data set	a) More limited basis for capacity consideration     b) Significant impacts to some uses

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# Policy Issue #1: Sample Impacts\*

Description	Unit of Measure	Daily Trip Rate	PM Trip Rate	PM Peak/ Daily
SINGLE FAMILY DWELLING	PER DU	9.44	0.99	0.10
APARTMENTS	PER DU	7.32	0.56	80.0
GENERAL OFFICE BUILDING	PER TGSF	9.74	1.15	0.12
HOSPITAL	PER TGSF	10.72	0.97	0.09
SUPERMARKET	PER TGSF	106.78	9.24	0.09
HIGH TURNOVER RESTAURANT	PER TGSF	112.18	9.77	0.09
GASOLINE/SERVICE STATION	ER VEH.FUEL.PO	172.01	14.03	0.08
ELEMENTARYSCHOOL	PER STUDENT	1.89	0.17	0.09
DRIVE-IN BANK	PER TGSF	100.03	20.45	0.20

\*System average PM Peak : Daily ratio = about .10

# Policy Issue #2: Trip Adjustments



Where current adjustments include:

- · Pass-by factor
- · Trip length factor

But, exclude

· Diverted link factor

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# Trip Adjustment Considerations

- Prior update in 2016 eliminated ALL adjustments
  - o 30 land use categories increased >100%
  - 5 categories increased >1,000%
- Pass-By and Diverted Link Trip adjustments are standard considerations for TSDCs
  - Reflect ITE published data
- >> Trip length adjustments
  - Data extremely limited and not based on verifiable source
  - Trip length more attributable to location/proximity to other uses rather than type of use
  - Current factors vary widely from other jurisdictions

# Comparison of Trip Rate Adjustments

		Current			Revised	
Description	Trip Length Factor	Linked Trip Factor <sup>1</sup>	Adjusted Daily Trip Rate <sup>2</sup>	Trip Length Factor	Linked Trip Factor <sup>3</sup>	Adjusted Daily Trip Rate <sup>2</sup>
SINGLE FAMILY DWELLING	1.00	1.00	9.44	1.00	1.00	9.44
APARTMENTS	0.97	1.00	7.10	1.00	1.00	7.32
GENERAL OFFICE BUILDING	0.65	1.00	6.33	1.00	1.00	9.74
HOSPITAL	0.95	1.00	10.18	1.00	1.00	10.72
SUPERMARKET	0.14	0.46	6.88	1.00	0.26	27.76
HIGH TURNOVER RESTAURANT	0.19	0.75	15.99	1.00	0.31	34.78
GASOLINE/SERVICE STATION	0.07	0.77	9.27	1.00	0.23	39.56
ELEMENTARY SCHOOL	1.08	1.00	2.04	1.00	1.00	1.89
DRIVE-IN BANK	0.17	0.55	9.35	1.00	0.43	43.01
<sup>1</sup> Pass-by adjustment only						
<sup>2</sup> 10th Edition Trip Rates						

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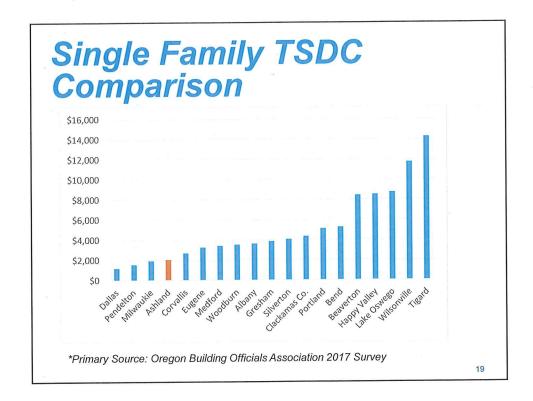
# Combined Impacts (Trip Rate and Adjustments)\*

Description	Unit of Measure	Current	Updated	Difference \$	Difference %
SINGLE FAMILY DWELLING	PER DU	\$2,044	\$2,020	-\$24	-1%
APARTMENTS	PER DU	\$1,343	\$1,566	\$223	17%
GENERAL OFFICE BUILDING	PER TGSF	\$2,306	\$2,084	-\$222	-10%
HOSPITAL	PER TGSF	\$3,411	\$2,294	-\$1,117	-33%
SUPERMARKET	PER TGSF	\$1,210	\$5,941	\$4,731	391%
HIGH TURNOVER RESTAURANT	PER TGSF	\$6,262	\$7,442	\$1,180	19%
GASOLINE/SERVICE STATION	PER VEH.FUEL.POS.	\$1,644	\$8,466	\$6,822	415%
ELEMENTARY SCHOOL	PER STUDENT	\$252	\$404	\$153	61%
DRIVE-IN BANK	PER TGSF	\$5,307	\$9,205	\$3,898	73%

TGSF = Thousand Gross Square Feet
TSFGLA = Thousand Square Feet Gross Leasable Area
DU = Dwelling Unit
VEH. FUEL POS. = Vehicle Fueling Position

<sup>3</sup>Pass-by and diverted link adjustment combined

\*Based on average daily trip rate; preliminary analysis shows about 10 land uses with increases greater than 100% (based on current \$/trip)



# **Next Steps**

# ⊗Project list information

- Reimbursement projects
- Future projects updated costs

#### **∞**Growth share

- Mode-specific analysis
- Road/intersection projects based on modeled trip data and performance measures

## ⊗Cost per trip

- System-wide trips based on travel demand model
- Both average daily and P.M. peak will be calculated

# Summary

- Significant impacts to TSDCs just from updated data
- SDC Committee Feedback needed on policy issues
  - Trip rate type
  - Trip rate adjustments

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# **Next Meetings**

Solution Suppose Suppose

≫July 19: Ordinance Issues and

Recommendations

## TRANSPORTATION SYSTMENS DEVELOPMENT FEES - "EXHIBIT A"

ITE 110 General Lighth Industrial Fee	i .	2016 5 1
ITE 120 General Heavy Industrial Fee		2016 Fee Amount
TIE 130 Industrial Park Fee		
TIE 140 Manufacturing Fee		
ITE 150 Warehouse Fee		
TIE 151 Mini-Warehouse Fee   \$262.51     TIE 170 Utilities Fee   \$226.84     TIE 210 Single Family Fee   \$2,043.70     TIE 220 Multi-Family Fee   \$1,343.04     TIE 230 Residential Condominium Fee   \$1,216.42     TIE 240 Manufactured Housing Fee   \$998.46     TIE 240 Manufactured Housing Fee   \$998.46     TIE 260 Recreational Home/Condo Fee   \$676.24     TIE 30 Truck Terminals Fee   \$2,360.85     TIE 31 Bus Depot Fee   \$5,350.00     TIE 31 Bus Depot Fee   \$5,350.00     TIE 310 Hotel/Motel Fee   \$963.48     TIE 411 Park City (developed) Fee   \$963.49     TIE 411 Park City (developed) Fee   \$9,630.00     TIE 430 Golf Coursee Fee   \$7,320.28     TIE 441 Park City (developed) Fee   \$9,630.00     TIE 433 Raquet City Fee   \$1,870.66     TIE 493 Raquet City Fee   \$1,870.66     TIE 494 Tennis Fee   \$1,870.66     TIE 494 Tennis Fee   \$3,274.20     TIE 501 Millitary Base Fee   \$338.09     TIE 520 Elementary School Fee   \$251.92     TIE 521 Junior High School Fee   \$318.95     TIE 530 Sol High School Fee   \$318.95     TIE 540 Junior/Community College Fee   \$3,373.99     TIE 550 Church Fee   \$4,471.13     TIE 501 Mills Fee   \$3,411.37     TIE 501 General Office (Under 100,000 sf GFA) Fee   \$3,411.37     TIE 502 General Office (200,000 sf GFA) Fee   \$3,875.56     TIE 710 General Office (100,000-199,999 sf GFA)   \$1,951.57     TIE 712 General Office Building Fee   \$1,460.98     TIE 713 State Motor Vehicles Dept Fee   \$1,789.93    TIE 1816 Hardware/Paint Stores Fee   \$1,000.37    TIE 1828 Shopping Center (50,000-99,999 sf GFA)   \$3,286.69    TIE 710 Bersal Office Pee   \$3,318.89    TIE 712 East Shopping Center (500,000-99,999 sf GFA)   \$3,286.65    TIE 812 Building Material/Lumber Fee   \$3,318.89    TIE 825 Shopping Center (500,000-99,999 sf GFA)   \$3,286.65    TIE 826 Shopping Center (500,000-99,999 sf GFA)   \$3,286.65    TIE 827 Shopping Center (500,000-99,999 sf GFA)   \$3,286.65    TIE 828 Shopping Center (500,000-99,999		
ITE 170 Utilities Fee		
TIFE 220 Multi-Family Fee		
ITE 220 Multi-Family Fee		
ITE 230 Residential Condominium Fee		
ITE 240 Manufactured Housing Fee   \$98.46     ITE 260 Recreational Home/Condo Fee   \$676.24     ITE 30 Truck Terminals Fee   \$2,360.85     ITE 310 Bus Depot Fee   \$5,350.00     ITE 310 Hotel/Motel Fee   \$963.48     ITE 411 Park City (developed) Fee   \$9,630.00     ITE 411 Park City (developed) Fee   \$9,630.00     ITE 430 Golf Coursee Fee   \$7,320.28     ITE 443 Movie Theater Fee   \$1,373.25     ITE 492 Raquet Club Fee   \$1,870.66     ITE 493 Raquet ball Fee   \$4,365.60     ITE 493 Raquet See   \$3,274.20     ITE 501 Military Base Fee   \$3,274.20     ITE 520 Elementary School Fee   \$221.92     ITE 520 Elementary School Fee   \$327.34     ITE 530 High School Fee   \$330.39     ITE 550 High School Fee   \$330.39     ITE 560 Church Fee   \$3,373.9     ITE 560 Church Fee   \$2,154.04     ITE 565 Day Care Center/Preschool   \$228.87     ITE 590 Library Fee   \$4,471.13     ITE 620 Nursing Home Fee   \$5,2698.26     ITE 710 General Office (Under 100,000 sf GFA) Fee   \$2,698.26     ITE 712 General Office (Under 100,000 sf GFA) Fee   \$2,698.26     ITE 712 General Office (Under 100,000 sf GFA) Fee   \$3,875.56     ITE 720 Medical Office Building Fee   \$3,875.56     ITE 730 Government Office Building Fee   \$3,875.56     ITE 730 Evan Fee   \$3,198.49     ITE 731 State Motor Vehicles Dept Fee   \$3,107.93     ITE 816 Hardware/Paint Stores Fee   \$1,104.03     ITE 817 Evan Fee   \$2,206.28     ITE 732 U.S. Post Office Fee   \$3,198.49     ITE 818 Hardware/Paint Stores Fee   \$3,198.49     ITE 819 Shopping Center (under 50,000 sf GFA) Fee   \$3,130.01     ITE 825 Shopping Center (100,000-199,999 sf GFA)   \$3,281.61     ITE 826 Shopping Center (200,000-399,999 sf GFA)   \$3,280.61     ITE 827 Shopping Center (200,000-399,999 sf GFA)   \$3,280.61     ITE 826 Shopping Center (200,000-399,999 sf GFA)   \$3,280.61     ITE 827 Shopping Center (200,000-399,999 sf GFA)   \$3,280.61     ITE 826 Shopping Center (200,000-399,999 sf GFA)   \$3,240.27     ITE 831 Hardware Fee   \$4,613.73     ITE 841 New Car Sales Fee   \$4,613.73     ITE 845 Convenience Marke		
ITE 260 Recreational Home/Condo Fee		
TE 30 Truck Terminals Fee		
TE 31 Bus Depot Fee		
TE 310 Hotel/Motel Fee   \$963.48     TE 410 Park Fee   \$429.50     TE 411 Park City (developed) Fee   \$9,630.00     TE 430 Golf Coursee Fee   \$7,320.28     TE 433 Movle Theater Fee   \$1,373.25     TE 492 Raquet Club Fee   \$1,870.66     TE 493 Raquetball Fee   \$4,365.60     TE 494 Tennis Fee   \$3,274.20     TE 501 Military Base Fee   \$380.92     TE 520 Elementary School Fee   \$251.92     TE 521 Junior High School Fee   \$318.95     TE 524 Junior High School Fee   \$318.95     TE 530 High School Fee   \$318.95     TE 540 Junior/Community College Fee   \$307.39     TE 560 Church Fee   \$2,154.04     TE 565 Day Care Center/Preschool   \$228.87     TE 590 Library Fee   \$4,771.13     TE 610 Hospital Fee   \$3,411.37     TE 620 Nursing Home Fee   \$5,28.58     TE 710 General Office (Under 100,000 sf GFA) Fee   \$2,306.28     TE 711 General Office (200,000 sf GFA and over)   \$1,648.34     TE 712 General Office Building Fee   \$3,410.95     TE 732 U.S. Post Office Fee   \$1,7897.93     TE 732 U.S. Post Office Fee   \$1,104.03     TE 732 U.S. Post Office Fee   \$2,403.39     TE 731 State Motor Vehicles Dept Fee   \$2,403.39     TE 732 U.S. Post Office Fee   \$1,104.03     TE 732 U.S. Post Office Fee   \$3,419.51     TE 812 Building Material/Lumber Fee   \$2,403.39     TE 815 Discount Stores Fee   \$5,515.37     TE 816 Hardware/Paint Stores Fee   \$5,515.37     TE 817 Nursing-Retail Fee   \$3,388.49     TE 818 Shopping Center (100,000-99,999 sf GFA)   \$3,838.96     TE 823 Shopping Center (200,000-399,999 sf GFA)   \$3,838.96     TE 823 Shopping Center (100,000-399,999 sf GFA)   \$3,838.96     TE 823 High Turnover St-Down Restaurant Fee   \$4,033.70     TE 832 High Turnover St-Down Restaurant Fee   \$4,633.73     TE 835 High Turnover St-Down Restaurant Fee   \$4,633.73     TE 836 Supermarket Fee   \$4,633.73     TE 837 High Turnover St-Down Restaurant Fee   \$4,633.73     TE 838 High Turnover St-Down Restaurant Fee   \$4,633.73     TE 839 Supermarket Fee   \$4,633.73     TE 830 Supermarket Fee   \$4,633.73     TE 831 Convenience Market Fee   \$4,633.7		
TE 410 Park Fee		
TE 411 Park City (developed) Fee		
TE 430 Golf Coursee Fee		
STE 443 Movie Theater Fee		
TTE 492 Raquet Club Fee		
TE 493 Raquetball Fee		
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State   Stat		
Fig. 610 Hospital Fee		
S28.58   S28.58   S28.58   S28.58   S28.58   S28.58   S28.58   S38.58   S38.58   S38.58   S42.698.26   S42.		
Section   Sect		
TE 710 General Office (Under 100,000 sf GFA) Fee   \$2,306.28     TE 711 General Office (100,000-199,999 sf GFA)   \$1,951.57     TE 712 General Office (200,000 sf GFA and over)   \$1,648.34     TE 720 Medical Office Building Fee   \$3,875.56     TE 730 Government Office Building Fee   \$14,160.98     TE 731 State Motor Vehicles Dept Fee   \$34,107.15     TE 732 U.S. Post Office Fee   \$17,897.93     TE 760 Research Center Fee   \$1,104.03     TE 770 Business Park Fee   \$2,060.37     TE 812 Building Material/Lumber Fee   \$3,198.49     TE 815 Discount Stores Fee   \$5,515.37     TE 816 Hardware/Paint Stores Fee   \$4,033.70     TE 820 Shopping Center (under 50,000 sf GFA) Fee   \$3,113.02     TE 822 Shopping Center (100,000-199,999 sf GFA)   \$3,690.10     TE 823 Shopping Center (200,000-299,999 sf GFA)   \$3,690.10     TE 824 Shopping Center (300,000-399,999 sf GFA)   \$3,485.03     TE 825 Shopping Center (500,000-599,999 sf GFA)   \$3,485.03     TE 826 Shopping Center (500,000-599,999 sf GFA)   \$3,216.54     TE 826 Shopping Center (500,000-599,999 sf GFA)   \$3,242.27     TE 827 High Turnover Sit-Down Restaurant Fee   \$6,262.45     TE 833 Fast Food Restaurant Fee   \$4,613.73     TE 844 Service Station Fee   \$1,210.30     TE 855 Convenience Market Fee   \$4,422.04     TE 850 Supermarket Fee   \$4,422.04     TE 850 Supermarket Fee   \$4,422.04     TE 850 Convenience Market Fee   \$4,422.04     TE 851 Convenience Market Fee   \$4,422.04     TE 850 Supermarket Fee   \$4,422.04		· · · · · · · · · · · · · · · · · · ·
TTE 711 General Office (100,000-199,999 sf GFA)   \$1,951.57     TTE 712 General Office (200,000 sf GFA and over)   \$1,648.34     TTE 720 Medical Office Building Fee   \$3,875.56     TTE 730 Government Office Building Fee   \$14,160.98     TTE 731 State Motor Vehicles Dept Fee   \$34,107.15     TTE 732 U.S. Post Office Fee   \$17,897.93     TTE 760 Research Center Fee   \$1,104.03     TTE 770 Business Park Fee   \$2,060.37     TTE 812 Building Material/Lumber Fee   \$2,403.39     TTE 814 Specialty Retail Center Fee   \$3,198.49     TTE 815 Discount Stores Fee   \$5,515.37     TTE 816 Hardware/Paint Stores Fee   \$4,033.70     TTE 820 Shopping Center (under 50,000 sf GFA) Fee   \$3,113.02     TTE 821 Shopping Center (100,000-199,999 sf GFA)   \$3,236.16     TTE 822 Shopping Center (200,000-299,999 sf GFA)   \$3,690.10     TTE 823 Shopping Center (300,000-399,999 sf GFA)   \$3,485.03     TTE 825 Shopping Center (400,000-499,999 sf GFA)   \$3,485.03     TTE 826 Shopping Center (500,000-599,999 sf GFA)   \$3,216.54     TTE 827 High Turnover Sit-Down Restaurant Fee   \$6,262.45     TTE 833 Fast Food Restaurant Fee   \$7,722.72     TTE 844 Service Station Fee   \$1,210.30     TTE 850 Supermarket Fee   \$1,210.30     TTE 851 Convenience Market Fee   \$4,422.04     TTE 851 Convenience Market Fee   \$4,642.04     TTE 851 Convenience Market Fee   \$4,		
STE 712 General Office (200,000 sf GFA and over)   \$1,648.34     ITE 720 Medical Office Building Fee   \$3,875.56     ITE 730 Government Office Building Fee   \$14,160.98     ITE 731 State Motor Vehicles Dept Fee   \$34,107.15     ITE 732 U.S. Post Office Fee   \$17,897.93     ITE 760 Research Center Fee   \$1,104.03     ITE 770 Business Park Fee   \$2,060.37     ITE 812 Building Material/Lumber Fee   \$2,403.39     ITE 814 Specialty Retail Center Fee   \$3,198.49     ITE 815 Discount Stores Fee   \$5,515.37     ITE 816 Hardware/Paint Stores Fee   \$4,033.70     ITE 817 Nursing-Retail Fee   \$2,837.51     ITE 820 Shopping Center (under 50,000 sf GFA) Fee   \$3,113.02     ITE 821 Shopping Center (100,000-199,999 sf GFA)   \$3,690.10     ITE 823 Shopping Center (200,000-299,999 sf GFA)   \$3,828.96     ITE 824 Shopping Center (300,000-399,999 sf GFA)   \$3,485.03     ITE 825 Shopping Center (400,000-499,999 sf GFA)   \$3,216.54     ITE 826 Shopping Center (500,000-599,999 sf GFA)   \$3,242.27     ITE 831 Fast Food Restaurant Fee   \$6,262.45     ITE 833 Fast Food Restaurant Fee   \$4,613.73     ITE 844 Service Station Fee   \$1,210.30     ITE 850 Supermarket Fee   \$4,422.04     ITE 850 Convenience Market Fee   \$4,422.04     ITE 851 Convenience Market Fee   \$4,422.04     ITE 850 Supermarket Fee   \$4,613.73     ITE 851 Convenience Market Fee   \$4,620		
Same	ITE 712 General Office (200,000-153,555 st GrA)	
TFE 730 Government Office Building Fee		
STE 731 State Motor Vehicles Dept Fee		
STE 732 U.S. Post Office Fee   \$17,897.93     TE 760 Research Center Fee   \$1,104.03     TE 770 Business Park Fee   \$2,060.37     TE 812 Building Material/Lumber Fee   \$2,403.39     TE 814 Specialty Retail Center Fee   \$3,198.49     TE 815 Discount Stores Fee   \$5,515.37     TE 816 Hardware/Paint Stores Fee   \$4,033.70     TE 817 Nursing-Retail Fee   \$2,837.51     TE 820 Shopping Center (under 50,000 sf GFA) Fee   \$3,113.02     TE 821 Shopping Center (50,000-99,999 sf GFA) Fee   \$3,236.16     TE 822 Shopping Center (100,000-199,999 sf GFA)   \$3,690.10     TE 823 Shopping Center (200,000-299,999 sf GFA)   \$3,828.96     TE 824 Shopping Center (300,000-399,999 sf GFA)   \$3,485.03     TE 825 Shopping Center (400,000-499,999 sf GFA)   \$3,216.54     TE 826 Shopping Center (500,000-599,999 sf GFA)   \$3,242.27     TE 832 High Turnover Sit-Down Restaurant Fee   \$6,262.45     TE 833 Fast Food Restaurant Fee   \$4,613.73     TE 844 Service Station Fee   \$1,644.14     TE 850 Supermarket Fee   \$1,210.30     TE 851 Convenience Market Fee   \$4,422.04     TE 850 Supermarket Fee   \$4,422.04     TE 850 Supermarket Fee   \$4,422.04     TE 850 Supermarket Fee   \$4,422.04     TE 851 Convenience Market Fee   \$4,422.04     TE 850 Supermarket Fee   \$4,422.04     TE 851 Convenience Market Fee   \$4,622.04     TE 85		
ITE 760 Research Center Fee       \$1,104.03         ITE 770 Business Park Fee       \$2,060.37         ITE 812 Building Material/Lumber Fee       \$2,403.39         ITE 814 Specialty Retail Center Fee       \$3,198.49         ITE 815 Discount Stores Fee       \$5,515.37         ITE 816 Hardware/Paint Stores Fee       \$4,033.70         ITE 817 Nursing-Retail Fee       \$2,837.51         ITE 820 Shopping Center (under 50,000 sf GFA) Fee       \$3,113.02         ITE 821 Shopping Center (50,000-99,999 sf GFA) Fee       \$3,236.16         ITE 822 Shopping Center (100,000-199,999 sf GFA)       \$3,690.10         ITE 823 Shopping Center (200,000-299,999 sf GFA)       \$3,828.96         ITE 824 Shopping Center (300,000-399,999 sf GFA)       \$3,485.03         ITE 825 Shopping Center (400,000-499,999 sf GFA)       \$3,216.54         ITE 826 Shopping Center (500,000-599,999 sf GFA)       \$3,242.27         ITE 832 High Turnover Sit-Down Restaurant Fee       \$6,262.45         ITE 833 Fast Food Restaurant Fee       \$7,722.72         ITE 844 Service Station Fee       \$1,644.14         ITE 850 Supermarket Fee       \$1,210.30         ITE 851 Convenience Market Fee       \$4,422.04		
TE 770 Business Park Fee	······································	
ITE 812 Building Material/Lumber Fee       \$2,403.39         ITE 814 Specialty Retail Center Fee       \$3,198.49         ITE 815 Discount Stores Fee       \$5,515.37         ITE 816 Hardware/Paint Stores Fee       \$4,033.70         ITE 817 Nursing-Retail Fee       \$2,837.51         ITE 820 Shopping Center (under 50,000 sf GFA) Fee       \$3,113.02         ITE 821 Shopping Center (50,000-99,999 sf GFA) Fee       \$3,236.16         ITE 822 Shopping Center (100,000-199,999 sf GFA)       \$3,690.10         ITE 823 Shopping Center (200,000-299,999 sf GFA)       \$3,828.96         ITE 824 Shopping Center (300,000-399,999 sf GFA)       \$3,485.03         ITE 825 Shopping Center (400,000-499,999 sf GFA)       \$3,216.54         ITE 826 Shopping Center (500,000-599,999 sf GFA)       \$3,242.27         ITE 832 High Turnover Sit-Down Restaurant Fee       \$6,262.45         ITE 833 Fast Food Restaurant Fee       \$7,722.72         ITE 844 Service Station Fee       \$1,644.14         ITE 850 Supermarket Fee       \$1,210.30         ITE 851 Convenience Market Fee       \$4,422.04		
ITE 814 Specialty Retail Center Fee		
ITE 815 Discount Stores Fee         \$5,515.37           ITE 816 Hardware/Paint Stores Fee         \$4,033.70           ITE 817 Nursing-Retail Fee         \$2,837.51           ITE 820 Shopping Center (under 50,000 sf GFA) Fee         \$3,113.02           ITE 821 Shopping Center (50,000-99,999 sf GFA) Fee         \$3,236.16           ITE 822 Shopping Center (100,000-199,999 sf GFA)         \$3,690.10           ITE 823 Shopping Center (200,000-299,999 sf GFA)         \$3,828.96           ITE 824 Shopping Center (300,000-399,999 sf GFA)         \$3,485.03           ITE 825 Shopping Center (400,000-499,999 sf GFA)         \$3,216.54           ITE 826 Shopping Center (500,000-599,999 sf GFA)         \$3,242.27           ITE 832 High Turnover Sit-Down Restaurant Fee         \$6,262.45           ITE 833 Fast Food Restaurant Fee         \$7,722.72           ITE 844 Service Station Fee         \$4,613.73           ITE 850 Supermarket Fee         \$1,644.14           ITE 851 Convenience Market Fee         \$4,422.04		
ITE 816 Hardware/Paint Stores Fee       \$4,033.70         ITE 817 Nursing-Retail Fee       \$2,837.51         ITE 820 Shopping Center (under 50,000 sf GFA) Fee       \$3,113.02         ITE 821 Shopping Center (50,000-99,999 sf GFA) Fee       \$3,236.16         ITE 822 Shopping Center (100,000-199,999 sf GFA)       \$3,690.10         ITE 823 Shopping Center (200,000-299,999 sf GFA)       \$3,828.96         ITE 824 Shopping Center (300,000-399,999 sf GFA)       \$3,485.03         ITE 825 Shopping Center (400,000-499,999 sf GFA)       \$3,216.54         ITE 826 Shopping Center (500,000-599,999 sf GFA)       \$3,242.27         ITE 832 High Turnover Sit-Down Restaurant Fee       \$6,262.45         ITE 833 Fast Food Restaurant Fee       \$7,722.72         ITE 841 New Car Sales Fee       \$4,613.73         ITE 8450 Supermarket Fee       \$1,644.14         ITE 850 Convenience Market Fee       \$4,422.04		
Section   Sect		
ITE 820 Shopping Center (under 50,000 sf GFA) Fee		
ITE 821 Shopping Center (50,000-99,999 sf GFA)       \$3,236.16         ITE 822 Shopping Center (100,000-199,999 sf GFA)       \$3,690.10         ITE 823 Shopping Center (200,000-299,999 sf GFA)       \$3,828.96         ITE 824 Shopping Center (300,000-399,999 sf GFA)       \$3,485.03         ITE 825 Shopping Center (400,000-499,999 sf GFA)       \$3,216.54         ITE 826 Shopping Center (500,000-599,999 sf GFA)       \$3,242.27         ITE 832 High Turnover Sit-Down Restaurant Fee       \$6,262.45         ITE 833 Fast Food Restaurant Fee       \$7,722.72         ITE 841 New Car Sales Fee       \$4,613.73         ITE 844 Service Station Fee       \$1,644.14         ITE 850 Supermarket Fee       \$1,210.30         ITE 851 Convenience Market Fee       \$4,422.04		
ITE 822 Shopping Center (100,000-199,999 sf GFA)       \$3,690.10         ITE 823 Shopping Center (200,000-299,999 sf GFA)       \$3,828.96         ITE 824 Shopping Center (300,000-399,999 sf GFA)       \$3,485.03         ITE 825 Shopping Center (400,000-499,999 sf GFA)       \$3,216.54         ITE 826 Shopping Center (500,000-599,999 sf GFA)       \$3,242.27         ITE 832 High Turnover Sit-Down Restaurant Fee       \$6,262.45         ITE 833 Fast Food Restaurant Fee       \$7,722.72         ITE 841 New Car Sales Fee       \$4,613.73         ITE 844 Service Station Fee       \$1,644.14         ITE 850 Supermarket Fee       \$1,210.30         ITE 851 Convenience Market Fee       \$4,422.04		
ITE 823 Shopping Center (200,000-299,999 sf GFA)       \$3,828.96         ITE 824 Shopping Center (300,000-399,999 sf GFA)       \$3,485.03         ITE 825 Shopping Center (400,000-499,999 sf GFA)       \$3,216.54         ITE 826 Shopping Center (500,000-599,999 sf GFA)       \$3,242.27         ITE 832 High Turnover Sit-Down Restaurant Fee       \$6,262.45         ITE 833 Fast Food Restaurant Fee       \$7,722.72         ITE 841 New Car Sales Fee       \$4,613.73         ITE 844 Service Station Fee       \$1,644.14         ITE 850 Supermarket Fee       \$1,210.30         ITE 851 Convenience Market Fee       \$4,422.04	TE 822 Shopping Center (100.000-199.999 sf GFA)	
ITE 824 Shopping Center (300,000-399,999 sf GFA)       \$3,485.03         ITE 825 Shopping Center (400,000-499,999 sf GFA)       \$3,216.54         ITE 826 Shopping Center (500,000-599,999 sf GFA)       \$3,242.27         ITE 832 High Turnover Sit-Down Restaurant Fee       \$6,262.45         ITE 833 Fast Food Restaurant Fee       \$7,722.72         ITE 841 New Car Sales Fee       \$4,613.73         ITE 844 Service Station Fee       \$1,644.14         ITE 850 Supermarket Fee       \$1,210.30         ITE 851 Convenience Market Fee       \$4,422.04	ITE 823 Shopping Center (200,000-299,999 sf GFA)	
ITE 825 Shopping Center (400,000-499,999 sf GFA)       \$3,216.54         ITE 826 Shopping Center (500,000-599,999 sf GFA)       \$3,242.27         ITE 832 High Turnover Sit-Down Restaurant Fee       \$6,262.45         ITE 833 Fast Food Restaurant Fee       \$7,722.72         ITE 841 New Car Sales Fee       \$4,613.73         ITE 844 Service Station Fee       \$1,644.14         ITE 850 Supermarket Fee       \$1,210.30         ITE 851 Convenience Market Fee       \$4,422.04	ITE 824 Shopping Center (300,000-399,999 sf GFA)	- insurance
ITE 826 Shopping Center (500,000-599,999 sf GFA)       \$3,242.27         ITE 832 High Turnover Sit-Down Restaurant Fee       \$6,262.45         ITE 833 Fast Food Restaurant Fee       \$7,722.72         ITE 841 New Car Sales Fee       \$4,613.73         ITE 844 Service Station Fee       \$1,644.14         ITE 850 Supermarket Fee       \$1,210.30         ITE 851 Convenience Market Fee       \$4,422.04	ITE 825 Shopping Center (400,000-499,999 sf GFA)	
ITE 832 High Turnover Sit-Down Restaurant Fee       \$6,262.45         ITE 833 Fast Food Restaurant Fee       \$7,722.72         ITE 841 New Car Sales Fee       \$4,613.73         ITE 844 Service Station Fee       \$1,644.14         ITE 850 Supermarket Fee       \$1,210.30         ITE 851 Convenience Market Fee       \$4,422.04		
ITE 833 Fast Food Restaurant Fee       \$7,722.72         ITE 841 New Car Sales Fee       \$4,613.73         ITE 844 Service Station Fee       \$1,644.14         ITE 850 Supermarket Fee       \$1,210.30         ITE 851 Convenience Market Fee       \$4,422.04		
ITE 841 New Car Sales Fee       \$4,613.73         ITE 844 Service Station Fee       \$1,644.14         ITE 850 Supermarket Fee       \$1,210.30         ITE 851 Convenience Market Fee       \$4,422.04		
ITE 844 Service Station Fee         \$1,644.14           ITE 850 Supermarket Fee         \$1,210.30           ITE 851 Convenience Market Fee         \$4,422.04		
ITE 850 Supermarket Fee         \$1,210.30           ITE 851 Convenience Market Fee         \$4,422.04		
ITE 851 Convenience Market Fee \$4,422.04		
	ITE 853 Convenience Market w/Gas Pump Fee	\$2,927.85
ITE 860 Wholesale Fee \$705.71		
ITE 870 Apparel Store Fee \$2,459.23		
ITE 890 Furniture Store Fee \$341.32		
ITE 911 Bank/Savings: Walk-in Fee \$3,836.54	11 E 030 Fulliture store rec	
ITE 912 Bank/Savings: Drive-in Fee \$5,306.59		\$3,836.54

# TRANSPORTATION SYSTEMS DEVELOPMENT CHARGES OCT 2017 EXHIBIT B PROJECT LIST

July 2016

City of Ashland, Transportation System Development Charge

Table 7 Transportation Capital Improvements Plan, 2013 Dollars

Type* # Street   Description   Development Driven   SGrowth   Project	Table 7	Transpo	ortation Capital Improve	Table 7 Transportation Capital Improvements right, 2013 Dollals  —————————————————————————————————		Riigible SDC Projects	Projects	
# Street Description Description   Development Driven % Growth   Development Driven % Growth     NA	T AD	) D					SDC Eligible	SDC
2         NA         Downtown Parking & Multi-Modal Circulation         100,000         1           1         NA         Funding Sources Feasibility Study         30,000         1           1         Total Policies & Studies Prejects         30,000         1           6         Orange Ave         N. Main St to Oak St         250,000         1           7         Hersey St         Chestunt St to Yor E of Rock St         750,000         1           9         Maple St         Chestunt St to Word St St to Orw Wood St	Tvne*	41	Street	Description		% Growth	Project Costs	By Project
1 NA								
1 NA	w	7	NA	Downtown Parking & Multi-Modal Circulation Study	100,000	18.4%	18,000	1.81
for ange Ave         N. Main St to Oak St         250,000         1           7         Hersey St         Thomton Way to N. Main St         750,000         1           10(1)         Scenic Dr         Chestmut St to 150° E of Rock St         100,000         1           10(1)         Scenic Dr         Oak St to 100° W of 6th St         250,000         250,000           22         N. Mountain Ave         100° S of Village Green Way to Iowa St         250,000           25         Walker Ave         950° N of Iowa St to Ashland St         750,000           25         Walker Ave         Oregon St to Woodland Dr         750,000           28(1)         Ashland St         S. Mountain Ave to Morton St         200,000           28(1)         Ashland St         Siskiyou Blvd to west side City Limits         450,000           28(1)         Helman St         Herzey St to Van Ness Ave         500,000           28(1)         Helman St         Herzey St to Van Ness Ave         50,000           28(1)         Helman St         N. Main St to Schoffield St         77,000           28(1)         Helman St         N. Main St Have Shorfield St         77,000           28(1)         Helman St         N. Main St Have Schoffield St         77,000           28(1	V.	-	Ą	Funding Sources Feasibility Study	30,000	18.4%	6,000	09.0
6 Orange Ave N. Main St to Oak St Thornton Way to N. Main St to Oak St Thornton Way to N. Main St to Oak St Thornton Way to N. Main St Maple St Thornton Way to N. Main St 100,000 10(1) Scenic Dr Oak St to 100' W of 6th St 22 N. Mountain Ave 100's of Village Green Way to Iowa St 230,000 27(1) Walker Ave 950' N of Iowa St to Ashland St St Oregon St to Woodland Dr 28(1) Ashland St Siskyou Blvd to Mohawk St 57(1) Tolman Creek Rd Siskyou Blvd to west side City Limits 100,000 100	נ	1	al Policies & Studies	H	\$130,000	18.5%	\$24,000	\$2.41
6 Orange Ave N. Main St to Oak St Thornton Way to N. Main St 100 (1) Scenic Dr Chestrut St to 150' E of Rock St 100,000 100,000 100 (1) Scenic Dr Maple St Maple St to Wimer St Oak St to 100' W of 6th St 22 N. Mountain Ave 100' S of Village Green Way to Iowa St 250,000 27(1) Walker Ave Oregon St to Woodland Dr 28(1) Ashland St St Mountain Ave to Morton St 28(1) Ashland St Siskiyou Blvd to west side City Limits 100,000 1								
7         Hersey St         Thornton Way to N. Main St         750,000           9         Maple St         Chestrut St to 150° E of Rock St         100,000           10(1)         Scemic Dr         Maple St to Wimer St         250,000           18         A St         Oak St to 100° W of 6th St         250,000           22         N. Mountain Ave         100° S of Village Green Way to lowa St         450,000           25         Walker Ave         950° N of lowa St to Ashland St         200,000           27(1)         Walker Ave         Oregon St to Woodland Dr         450,000           28(1)         Ashland St         S. Mountain Ave to Morton St         300,000           28(1)         Ashland St         Siskiyou Blvd to west side City Limits         300,000           38(1)         Tolman Creek Rd         Siskiyou Blvd to west side City Limits         425,000           58(1)         Helman St         Hexsey St to Van Ness Ave         50,000           58(1)         Helman St         N. Main St/Hwy 99         N. Main St to Schoffield St           1         NA         Program         Travel Smart Education, Targeted Marketing         45,000	Д	v	Orange Ave	N. Main St to Oak St	250,000	18.4%	46,000	4.63
9         Maple St         Chestnut St to 150°E of Rock St         100,000           10(1)         Scenic Dr         Maple St to Wimer St         250,000           18         A St         Oak St to 100° W of 6th St         250,000           22         N. Mountain Ave         100° S of Village Green Way to lowa St         450,000           25         Walker Ave         950° N of lowa St to Ashland St         750,000           27(1)         Walker Ave         Oregon St to Woodland Dr         750,000           28(1)         Ashland St         S. Mountain Ave to Morton St         200,000           38(1)         Ashland St         Siskiyou Blvd to west side City Limits         300,000           57(1)         Tolman Creek Rd         Siskiyou Blvd to west side City Limits         425,000           58(1)         Helman St         Hexrey St to Van Ness Ave         50,000           58(1)         Helman St         N. Main St/Hwy 99         N. Main St to Schoffield St           1         NA         Program         Travel Smart Education, Targeted Marketing         45,000	۵ ہ	) t	Hereev St	Thornton Way to N. Main St	750,000	18.4%	138,000	13.90
10(1)         Scenic Dr         Maple St to Wimer St         250,000           18         A St         Oak St to 100' W of 6th St         250,000           22         N. Mountain Ave         100' S of Village Green Way to Iowa St         450,000           25         Walker Ave         950' N of Iowa St to Ashland St         750,000           27(1)         Walker Ave         Cregon St to Woodland Dr         750,000           28(1)         Ashland St         S. Mountain Ave to Morton St         450,000           28(1)         Ashland St         Siskiyou Blvd to west side City Limits         300,000           38(1)         Tolman Creek Rd         Siskiyou Blvd to west side City Limits         425,000           57(1)         Tolman St Hersey St to Van Ness Ave         50,000           58(1)         Helman St         N. Main St to Schoffield St         100,000           1         NA         Program         Travel Smart Education, Targeted Marketing         45,000	, p	۰ ۵	Manle St	Chestnut St to 150' E of Rock St	100,000	18.4%	18,000	1.81
18         A St         Coak St to 100' W of 6th St         250,000           22         N. Mountain Ave         100' S of Village Green Way to Iowa St         450,000           25         Walker Ave         950' N of Iowa St to Ashland St         750,000           27(1)         Walker Ave         Oregon St to Woodland Dr         200,000           28(1)         Ashland St         S. Mountain Ave to Morton St         450,000           38(1)         Clay St         Siskiyou Blvd to Mohawk St         300,000           57(1)         Tolman Creek Rd         Siskiyou Blvd to west side City Limits         425,000           57(1)         Helman St         Hersey St to Van Ness Ave         50,000           58(1)         Helman St         N. Main St to Schoffield St         100,000           1         N. Main St/Hwy 99         N. Main St to Schoffield St         50,000           1         NA         Program         Program	, ρ	, (1)		Maple St to Wimer St	250,000	18.4%	46,000	4.63
22         N. Mountain Ave         100° S of Village Green Way to lowa St         450,000           25         Walker Ave         950° N of lowa St to Ashland St         750,000           27(1)         Walker Ave         Oregon St to Woodland Dr         200,000           28(1)         Ashland St         S. Mountain Ave to Morton St         450,000           28(1)         Ashland St         Siskiyou Blvd to Wohawk St         300,000           57(1)         Tolman Creek Rd         Siskiyou Blvd to west side City Limits         425,000           58(1)         Helman St         Hersey St to Van Ness Ave         50,000           1         N. Main St/Hwy 99         N. Main St o Schoffield St         100,000           1         NA         Program         45,000	, p	18 2		Oak St to 100' W of 6th St	250,000	18.4%	46,000	4.63
25         Walker Ave         950' N of lowa St to Ashland St         750,000           27(1)         Walker Ave         Oregon St to Woodland Dr         200,000           28(1)         Ashland St         S. Mountain Ave to Morton St         450,000           28(1)         Ashland St         Siskiyou Blvd to Wohawk St         300,000           57(1)         Tolman Creek Rd         Siskiyou Blvd to west side City Limits         425,000           58(1)         Helman St         Hersey St to Van Ness Ave         100,000           58(1)         Main St/Hwy 99         N. Main St to Schoffield St         50,000           1         N. Main St Marketing         45,000           1         NA         Program	, ρ	22	. ,	100'S of Village Green Way to Iowa St	450,000	18.4%	83,000	8.36
27(1)         Walker Ave         Oregon St to Woodland Dr         200,000           28(1)         Ashland St         S. Mountain Ave to Morton St         450,000           38(1)         Clay St         Siskiyou Blvd to west side City Limits         300,000           57(1)         Tolman Creek Rd         Siskiyou Blvd to west side City Limits         425,000           58(1)         Helman St         Hexsey St to Van Ness Ave         100,000           58(1)         Main St/Hwy 99         N. Main St to Schoffield St         100,000           1         N. Main St/Hwy 99         Travel Smart Education, Targeted Marketing         45,000           1         NA         Program         45,000	, Δ	25	Walker Ave	950'N of lowa St to Ashland St	750,000	18.4%	138,000	13,90
28(1)         Ashland St         S. Mountain Ave to Morton St         450,000           38(1)         Clay St         Siskiyou Blvd to Mohawk St         300,000           57(1)         Tolman Creek Rd         Siskiyou Blvd to west side City Limits         425,000           58(1)         Heiman St         Hersey St to Van Ness Ave         100,000           1         N. Main St/Hwy 99         N. Main St o Schoffield St         50,000           1         Travel Smart Education, Targeted Marketing         45,000           1         NA         Program	, д	27(1)72	·	Oregon St to Woodland Dr	200,000	18.4%	37,000	3.73
38(1) Clay St Siskiyou Blvd to Mohawk St 300,000 38(1) Tolman Creek Rd Siskiyou Blvd to west side City Limits 425,000 58(1) Helman St Hersey St to Van Ness Ave 100,000 1 N. Main St/Hwy 99 N. Main St to Schoffield St Travel Smart Education, Targeted Marketing 45,000	, Δ	28(1)		S. Mountain Ave to Morton St	450,000	18.4%	83,000	8.36
57(1) Tolman Creek Rd Siskiyou Blvd to west side City Limits 425,000 57(1) Tolman Creek Rd Hersey St to Van Ness Ave 58(1) Helman St 1 N. Main St/Hwy 99 N. Main St to Schoffield St 1 Travel Smart Education, Targeted Marketing 45,000	, α	38(1)	•	Siskiyou Blvd to Mohawk St	300,000	18.4%	55,000	5.54
S8(1) Helman St Hersey St to Van Ness Ave 100,000  N. Main St/Hwy 99 N. Main St to Schoffeld St 50,000  Travel Smart Education, Targeted Marketing 45,000 Program				Siskiyou Blyd to west side City Limits	425,000	18.4%	78,000	
1 N. Main St/Hwy 99 N. Main St to Schoffeld St 1 N. Main St/Hwy 99 N. Main St to Schoffeld St 1 NA Travel Smart Education, Targeted Marketing 45,000	u £	(1)06		Hersey St to Van Ness Ave	100,000	18.4%	18,000	1.81
Travel Smart Education, Targeted Marketing Program	L, Δ.			N. Main St to Schoffeld St	20,000	18.4%	000*6	16.0
	. 0		NA	Travel Smart Education, Targeted Marketing Program	45,000	18.4%	8,000	0.81

ECONOMIC & FINANCIAL ANALYSIS

City of Ashland, Transportation System Development Charge

Table 7	r.				Eligible SDC Projects	Projects	
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	-			High, Medium		SDC Eligible	SDC
Tvne*	#	Street	Description	Development Driven	% Growth	Project Costs	By Project
ρ	ć	Wightman St	200'N of E. Main St to 625'S of E. Main St	400,000	18.4%	74,000	7.45
ч £	j u	Clean St/Orange Ave	N. Main St to 175' E of Willow St	200,000	18.4%	37,000	3.73
) i	Ú ţ	Claim of Clade	Water St to Liftia Way	50,000	18.4%	000'6	0.91
<u>о</u> , \$	<u> </u>	Dezver since	F Main St to Siskivon Blvd	750,000	18.4%	138,000	13.90
א יָב	አና	Carriell of	H Main St to Iowa St	450,000	18.4%	83,000	8.36
<b>)</b>	3 3		H. Main St to Yours St	200,000	18.4%	92,000	9.27
<b>р</b> ч (	į (	California St.	Siskivon Blyd to Ashland St	000'059	18.4%	120,000	12.09
ን4 (	2 (	Liberty of	Ashland St to Siskivon Blyd	350,000	18.4%	64,000	6.45
ai i	3 X	raim Ave	Clay St to Tolman Creek Rd	20,000	18.4%	4,000	0.40
ז יכ	8 6	Digne of	Sieldvon Blyd to Oregon St	10,000	18.4%	2,000	0.20
pų i	. 6	Frances Lane	Defeation St to Hersey St	150,000	18.4%	28,000	2.82
ու չ	χ ς Φ t	Carol St	A shland St to Siskiyou Blvd	650,000		120,000	12.09
ኋ	2, •	rark of	Nevada St to Orange Ave	500,000		92,000	9,27
<u> </u>	4 (	Laurel of	Faith Ave to Siskivon Blvd	1,000,000	•	184,000	18.53
وأيد	'n .	Ulay St	Thomfon Way to N. Main St	800,000		147,000	14.81
א וּ	» (	Willier of	Garffeld St to Wightman St	000'05'	18.4%	<del>000'8</del> 2	•
ሷ ነ	3 3	Currey St	Van Mess Ave to B St	250,000	18.4%	46,000	4.63
P4 s	p i	water of	Rough St to Bifth St	100,000	18.4%	18,000	1.81
34 I	7 (	רטו. הידות	Jamelyn St to Tolman Creek Rd	100,000	18.4%	18,000	1
Dų p	? ?	Baroara of	Ashland St to Prospect St	550,000	18.4%	46,000	,
34 \$	4 6	Dieles St.	Morton St to Morse Ave	000'001	18.4%	18,000	•
ויב	2 6	Diamic of	Chemin St to Carol St	100,001	3 18.4%	18,000	•
<b>р</b> . :	8/	ratterson of	Town Of to Holly St	100,001	4 18.4%	18,000	1
<b>A</b> 1	6/.	Harrison of	Ost Whall the Boad End	350,000		64,000	•
ը, մ	€ :	Spring Creek Di	Green Meadows Way to Siskiyou Blvd	000'052	a 18.4%	46,000	1
24	18	Bellytew Ave	William St to Grandwiew Dr	. <del>.</del>	- 18,4%	•	•
مم	10(2)	Scenic Li	Willes being commercial	_			

EDDNOMIG & FINANCIAL ANALYSIS

City of Ashland, Transportation System Development Charge

ype* # Street  P	Woodland Dr to Peachey Rd Morton St to Guthrie St Mohawk St to Southern Terminus Ashland St to Prospect St Terrace St to Auburn St Siskiyou Blvd to east side City Limits 1500' N of Orange Ave to Orange Ave Siskiyou Blvd to Peachey Rd Sumnyview Dr to Westwood St	High, Medium Development Driven	SDC E1 % Growth Project 18.4%	SDC Eligible Project Costs	SDC  By Project
27(2) 7 28(2) 4 42 8 54 1	DZZZEOWO	Development Driven	% Growth 18.4% 18.4% 18.4% 18.4% 18.4% 18.4% 18.4% 18.4% 18.4%	Project Costs	By Project
27(2) 7 28(2) 4 38(2) 4 4 2 3 54 1 57(2) 57(2) 58(2) 1 71 71 71 71 71 71 71 71 71 71 71 71 71 7	PAZ Y F OI TOO		18.4% 18.4% 18.4% 18.4% 18.4% 18.4% 18.4% 18.4%		
28(2) 28(2) 38(2) 54 1 54 1 71 4 40 71 7 1 7 1 1 7 1 1 1 1 1 1 1 1 1 1 1 1		SII,200,000	18.4% 18.4% 18.4% 18.4% 18.4% 18.4% 18.4% 18.4% 18.4%	52,061,000	
28(2) 38(2) 38(2) 54 4 54 1 71 71 71 71 71 71 71 71 71 71 71 71 71 7		000'000'13	18.4% 18.4% 18.4% 18.4% 18.4% 18.4% 18.4%	52,061,000	2207.60
38(2) 38(2) 54 1 58(2) 71 71 71 71 71 71 71 71 71 71 71 71 71 7		000'000'IIS	18.4% 18.4% 18.4% 18.4% 18.4% 18.4%	\$2,061,000	
24 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	,	000'000'IIS	18.4% 18.4% 18.4% 18.4% 18.4%	\$2,061,000	. \$207.60
57(2) 58(2) 58(2) 71 71 71 71 8 7 7 8	_ 0,	000'000'113	18.4% 18.4% 18.4% 18.4%	\$2,061,000	\$207.60
57(2) 58(2) 1 71 7 71 8 7 7 8 10	0, 0, 0,	\$11,200,000	18.4% 18.4% 18.4% 18.4%	\$2,061,000	\$207.60
28(2) 28(2) 11 11 11 11 12 13		\$11,200,000	18.4% 18.4% 18.4%	52,061,000	\$207.60
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0. 0.	\$11,200,000	18.4% 18.4% \$0	\$2,061,000	\$207.60
71 7 8 71 12 12 12 12 12 12 12 12 12 12 12 12 12		\$11,200,000	18.4%	\$2,061,000	\$207.60
2 6 7 11 12		\$11,200,000	\$0	\$2,061,000	\$207.60
2 6 7 10 110 110 111 111	£	000,002,1146	00	2001,000	200
2 7 7 11 11 12 12 12 12 12 12 12 12 12 12 12					
7 7 7 11 11 11 11 11 11 11 11 11 11 11 1					,
7 10 10	Scenic Dr to N. Main St	20,000	18.4%	4,000	0.40
	Terrace St to Road Terminus; S. Mountain Ave to Walker Ave	240,000	18.4%	44,000	4,43
	Ashland St to E. Main St	120,000	18.4%	22,000	2.22
	F Main St to Siskiyou Blvd	000'09	18.4%	11,000	1.11
	Oak St to N. Mountain Ave	000,08	.,	15,000	1.51
<u> </u>	Oak St to Helman St	110,000	18.4%	20,000	2.01
9 5	Newada St to N. Main St	80,000	18.4%	15,000	1.5
¥ , C	E Main St to Siskivon Blvd	000'061		35,000	3.53
B 26 Mellial Ave	Siskivon Blvd to Peachev Rd	40,000		7,000	0.7
67	Helman St to Siskivou Blvd	20,000	18.4%	000'6	0.91
7 +	Orchid Ave to Tolman Creek Rd	2,000,000	18.4%	368,000	m
IR S NA NA	Retrofit Bicycle Program	50,000	18.4%	000'6	0.91

City of Ashland, Transportation System Development Charge

High, Medium   High, Medium   Pactription   Development Driven   % Growth	Table 7	7.			1	Eligible SDC Projects	Projects	
10,000   18.4%	*	#	N. street	Description	High, Medium Development Driven	% Growth	SDC Eligible Project Costs	SDC By Project
10,000   110,000   13								
3.1         Indiana St         Siskiyou Blvd to Oregon St         20,000         11           3.3         8th St         A St to E. Mein, St         20,000         11           3.8         Oregon/Clark St         Indiana St to Hamony Lane         20,000         11           9.         Ashland St         Morton St to University Way         30,000         11           2.5         Tolman Creek Rd         Siskiyou Blvd to Green Meadows Way         20,000         11           3.7         Clay St         Siskiyou Blvd to Mohawk, St         20,000         11,000         10,000         10,000         10,000         10,000         10,000         10,000         10,000         10,000         10,000         10,000         10,000         10,000         10,000         10,000         10,000         10,000         10,000	m	ر. ز	Maple/Scenic/Nutley	N. Main St to Winburn Way	110,000	18.4%	20,000	2.01
33         8th St         A St to B. Main St           38         Oregon/Clark St         Indiana St to Harmony Lane         20,000           3         Nevada St         Vansant St to N Mountain Ave         230,000           9         Ashland St         Morton St to University Way         30,000           25         Tolman Creek Rd         Siskiyou Blyd to Mohawk St         20,000           3         Clay St         Jackson Rd to Holman & Ast         20,000           4         N. Main St         Jackson Rd to Holman & Ast         40,000           2         New-Trail         Clay-St to Telman Creek Rd         40,000           3         Odean-St-Grange Are         N. Main St to Proposed Trail         40,000           40         Laurel St         Hersey St to N. Main St         40,000           20         Water St         Hersey St to N. Main St         40,000           21         Oak St         Fo 6th St         Ashland St to E. Main St           22         Clay St         I. Main St to Ashland St         I. Shir P Ash Go           30         Ashland St         IS Ext I 4 St P toposed Bike Path to N. Mountain Ave         4           4         Glendower St         Calle Guanjuato to Nutley St         I. Shir Main St	. ~	31	Indiana St	Siskiyou Blvd to Oregon St	20,000	18.4%	4,000	0.40
38         Oregon/Clark St         Indiana St to Harmony Lane         40,000           3         Nevada St         Vansant St to N. Mountain Ave         230,000           9         Ashland St         Morton St to University Way         30,000           25         Tolman Creek Rd         Siskiyou Blvd to Green Meadows Way         100,000           37         Clay St         Isiskiyou Blvd to Mohawk St         20,000           18         N. Main St         Jackson Rd to Helman St         260,000           2         Alew-Trail         Alexan St to Proposed Trail         400,000           20         N. Main St         Alexan St to Proposed Trail         40,000           20         Vater St         Oak St to Gh St to Br to B	m	33	8th St	A St to E. Main St	20,000	18.4%	4,000	0.40
3         Nevada St         Vansant St to N. Mountain Ave         230,000           9         Ashland St         Morton St to University Way         30,000           25         Tolman Creek Rd         Siskiyou Blvd to Green Meadows Way         100,000           37         Clay St         Jackson Rd to Helman St         20,000           2         New Tanil         Clay St to Tolman Creek Rd         409,000           39         Glama St/Orange Ave         N. Main St to Proposed Trail         409,000           40         Laurel St         Orange St to Nevada St         409,000           20         Water St         Oak St to 6th St         Applied St           21         Oak St         Dak St to 6th St         Applied St           22         Clay St         Dak St to 6th St         B. Main St to Ashland St           23         Clover Lane         L-5 Exit 14 SB to Hwy 66         -           30         Ashland St         Proposed Bike Path to N. Mountain Ave         -           4         Glendower St         Bear Creek Greenway to Nevada St         -           5         Winhum Way         Calle Gramjuato to Nutley St         -           6         Winhum Way         E. Main St to Ashland St         -           28 </td <td>m</td> <td>38</td> <td>Oregon/Clark St</td> <td>Indiana St to Harmony Lane</td> <td>40,000</td> <td>18.4%</td> <td>7,000</td> <td>0.71</td>	m	38	Oregon/Clark St	Indiana St to Harmony Lane	40,000	18.4%	7,000	0.71
9         Ashland St         Morton St to University Way         30,000           25         Tolman Creek Rd         Siskiyou Blvd to Green Meadows Way         100,000           37         Clay St         Siskiyou Blvd to Mohawk St         20,000           18         N. Main St         Jackson Rd to Helman St         20,000           2         New-Trail         Glay St to Telman Greek Rd         400,000           39         Gloom-St/Orange Are         N. Main St to Telman Greek Rd         40,000           40         Laurel St         N. Main St to Telman St         40,000           20         Water St         Doak St to 6th St         30,000           14         A St         Nevada St to E. Main St         -           21         Oak St         E. Main St to Ashland St         -           22         Clay St         E. Main St to Proposed Bike Path         -           24         Clover Lane         1-5 Exit 14 SB to Hwy 66         -           30         Ashland St         Proposed Bike Path to N. Mountain Ave         -           4         Glendower St         Bear Creek Greenway to Nevada St         -           5         Wightman St         E. Main St to Ashland St         -           6         Wightma		ო	Nevada St	Vansant St to N. Mountain Ave	230,000	18.4%	42,000	4.23
25         Tolman Creek Rd         Siskiyou Blyd to Green Meadows Way         100,000           37         Clay St         Siskiyou Blyd to Mohawk St         20,000           2         N. Main St         Jackson Rd to Helman St         20,000           2         New-Trail         Glay-St to Telman Creek Rd         400,000           39         Gloan St/Grange Are         N. Main St to Proposed Trail         40,000           40         Laurel St         Hersey St to N. Main St         40,000           20         Water St         Gloan St/Grange Are         Aboling St to N. Main St           21         Oak St         Hersey St to N. Main St         30,000           22         Clay St         Nevada St to E. Main St         -           24         Clover Lane         IS Exit I 4 SB to Hwy 66         -           25         Clay St         Ashland St to Proposed Bike Path to N. Mountain Ave         -           30         Ashland St         Proposed Bike Path to N. Mountain Ave         -           4         Glendower St         Bear Creek Greenway to Nevada St         -           5         Winhum Way         Calle Granjuato to Nufley St         -           6         Windum Way         E. Main St to Ashland St         - <t< td=""><td></td><td>o o</td><td>Ashland St</td><td>Morton St to University Way</td><td>30,000</td><td>•</td><td>6,000</td><td>09.0</td></t<>		o o	Ashland St	Morton St to University Way	30,000	•	6,000	09.0
37         Clay St         Siskyou Blvd to Mohawk St         20,000           18         N. Main St         Jackson Rd to Helman St         260,000           2         New Trail         Glay-St to Telman Creek Rd         400,000           39         Glean St Orange Are         N. Main St to Newda St         40,000           20         Water St         Oak St to N. Main St         40,000           14         A St         Oak St to 6th St         30,000           12         Oak St         Day St         B. Main St to E. Main St           21         Oak St         B. Main St to Ashland St         -           22         Clay St         E. Main St to Proposed Bke Path         -           24         Clover Lane         1-5 Ext 14 SB to Hwy 66         -           30         Ashland St         1-5 Ext 14 SB to Hwy 66         -           31         Ashland St         Proposed Bike Path to N. Mountain Ave         -           4         Glendower St         Bear Creek Greenway to Nevada St         -           5         Wirbum Way         Calle Guanjuato to Nutley St         -           6         Windum St         B. Main St to Ashland St         -           8         Morton St         Rail Line A. Main	മ	25	Tolman Creek Rd	Siskiyou Blvd to Green Meadows Way	100,000		18,000	1.81
18         N. Main St         Jackson Rd to Helman St         260,000         1           2         New Trail         Glay-St to Telman Creek Rd         400,000         4           39         Glean-St/Crange Are         N. Main-St to Proposed Trail         40,000         4           40         Laurel St         Orange St to Newda St         40,000         1           20         Water St         Gak St to Gth St         30,000         1           21         Oak St         E. Main St to E. Main St         -         -           22         Clay St         B. Main St to Ashland St         -         -         -           24         Clover Lane         1-5 Exit 14 SB to Hwy 66         -         -         -           30         Ashland St         1-5 Exit 14 SB to Hwy 66         -         -         -           30         Ashland St         1-5 Exit 14 SB to Hwy 66         -         -         -           30         Ashland St         1-5 Exit 14 SB to Hwy 66         -         -         -           30         Ashland St         1-5 Exit 14 SB to Hwy 66         -         -         -           30         Ashland St         Bear Creek Greenway to Nevada St         -         -		37	Clay St	Siskiyou Blvd to Mohawk St	20,000		4,000	0.40
2         New Trail         Clay St to Tehman Creek Rd         400,000         4           39         Glenn-St Crange Are         N. Main St to Proposed Trail         40,000         1           40         Laurel St         Orange St to Nevada St         40,000         1           20         Water St         Hersey St to N. Main St         30,000         1           21         Oak St         Nevada St to E. Main St         -         1           22         Clay St         E. Main St to Ashland St         -         1           24         Clover Lane         Ashland St broposed Bike Path         -         1           24         Clover Lane         1-5 Exit 14 SB to Hwy 66         -         -           30         Ashland St         Proposed Bike Path to N. Mountain Ave         -         -           30         Ashland St         Bear Creek Greenway to Nevada St         -         -           4         Glendower St         Bear Creek Greenway to Nevada St         -         -           5         Windhum Way         Calle Guanjuato to Nutley St         -         -           6         Windhum Way         E. Main St to Ashland St         -         -           28         Clay St         Rail L	<u> </u>	18	N. Main St	Jackson Rd to Helman St	260,000		48,000	4.83
39         Gleam-St/Orange-Ave         Nt. Main-St te Proposed Trail         40,000         1           40         Laurel St         Orange St to Newada St         40,000         1           20         Water St         Dack St to 6th St         30,000         1           14         A St         Oak St to 6th St         30,000         1           21         Oak St         Nevada St to E. Main St         -         1           22         Clay St         E. Main St to Ashland St         -         1           24         Clover Lane         Ashland St         -         1         -           30         Ashland St         1-5 Exit 14 SB to Hwy 66         -         -         1           35         Railroad Property         Proposed Bike Path to N. Mountain Ave         -         -         1           35         Railroad Property         Proposed Bike Path to N. Mountain Ave         -	e¥.	сh	NewTrail	Clay St to Telman Creek Rd	460,000	•	74,000	
40 Laurel St Orange St to Newada St A0,000 1 20 Water St Dark St to 6th St Dark St to 6th St Oak St to 6th St Oak St to E. Main St E. Main St Dark St E. Main St Orange St to E. Main St Orange St to E. Main St Orange St to E. Main St Orange St Dark Dark St E. Main St Orange S	où	8	Glenn-St/Orange Are	M. Main-St to Proposed Trail	49,000		4,000	1
20         Water St         Herrey St to N. Main St         30,000         1           14         A St         Oak St to 6th St         -         1           21         Oak St         Nevada St to E. Main St         -         1           22         Clay St         E. Main St to Ashland St         -         1           24         Clover Lane         Ashland St to Proposed Bike Path         -         1           30         Ashland St         Fxpti 14 SB to Hwy 66         -         -           35         Railroad Property         Proposed Bike Path         -         -           4         Glendower St         Bear Creek Greenway to Nevada St         -         -           5         Winburn Way         Calle Guanjuato to Nutfley St         -         -           6         Winburn Way         E. Main St to Ashland St         -         -           8         Morton St         Road End to E. Main St         -         -           28         Clay St         Rail Line to Siskiyou Blvd         -           34         1st St         A St to E. Main St         -           35         Naw, Trail to Hersey St         -	1 00	4	Laurel St	Orange St to Nevada St	40,000	•	7,000	0.71
14 A St Oak St to 6th St 21 Oak St Nevada St to E. Main St 22 Clay St E. Main St to Ashland St 24 Clover Lane Ashland St to Proposed Bike Path 30 Ashland St Proposed Bike Path 4 Glendower St Bear Creek Greenway to Nevada St 6 Winburn Way E. Main St to Ashland St 12 Wightman St Road End to E. Main St 28 Clay St Rail Line to Siskiyou Blvd 34 1st St A St to E. Main St 29 Naw, Trail to Hersey St 21 New, Trail to Hersey St	щ	8	Water St	Hersey St to N. Main St	30,000		6,000	09.0
21 Oak St Nevada St to E. Main St St Clay St E. Main St Ock St E. Main St Ock St E. Main St Ock Shland St E. Main St Ock Shland St E. Main St Ock Froposed Bike Path St Ock Stland St Ock E. Sexit 14 SB to Hwy 66  35 Railroad Property Proposed Bike Path to N. Mountain Ave Bear Creek Greenway to Nevada St Ock Minburn Way Calle Guanjuato to Nutley St E. Main St Ock Shland St E. Main St Ock Shland St E. Main St Ock Sikiyou Blvd St Clay St Rail Line to Siskiyou Blvd St Ist St A St to E. Main St Ock Main St Ock St St Ock Main St St Ock Shail Charter St St Ock Main St St Ock Shail Charter St St Ock Shail Charter St St Ock Shain St St Ock Shain St St Ock Shail Charter St St Ock Shail Charter St St Ock Shain St St Ock Shail Charter Shail Charter St St Ock Shail Charter Shail Charter St St Ock Shail Charter Shail	щ	14	A St	Oak St to 6th St	1	18.4%		•
22 Clay St E. Main St to Ashland St 24 Clover Lane Ashland St to Proposed Bike Path 53 Ashland St Deposed Bike Path 64 Stalload Property Proposed Bike Path to N. Mountain Ave 54 Glendower St Bear Creek Greenway to Nevada St 6 Winburn Way Calle Guanjuato to Nufley St 6 Winburn St E. Main St to Ashland St 7 Wightman St Road End to E. Main St 28 Clay St 28 Clay St A St to E. Main St 25, New Trail to Hersey St 250,000	щ	21	Oak St	Nevada St to E. Main St		18.4%	•	1
24 Clover Lane Ashland St to Proposed Bike Path 30 Ashland St 31 Ashland St 32 Ashland St 33 Ashland St 34 Ist St 30 Ashland St b Exit 14 SB to Hwy 66 35 Railroad Property Proposed Bike Path to N. Mountain Ave 4 Glendower St Proposed Bike Path to N. Mountain Ave 5 Winburn Way Calle Chamjuato to Nutley St 6 Winburn Way Calle Chamjuato to Nutley St 7 Morton St 7 Mountain St 7 Real Line to Siskiyou Blvd 7 A St to E. Main St 7 Ashland	· Д	23	Clay St	E. Main St to Ashland St	1	18.4%	•	i
30 Ashland St I-5 Exit 14 SB to Hwy 66 35 Railroad Property Proposed Bike Path to N. Momtain Ave 4 Glendower St Bear Creek Greenway to Nevada St 6 Winburn Way Calle Granjuato to Nutley St 8 Morton St E. Main St to Ashland St 12 Wightman St Road End to E. Main St 28 Clay St Rail Line to Siskiyou Blvd 34 Ist St A St to E. Main St 34 Ist St A St to E. Main St 35 New Trail to Hersey St	ф	24	Clover Lane	Ashland St to Proposed Bike Path	,	. 18.4%	t	3
4 Glendower St Bear Creek Greenway to Nevada St 6 Winburn Way Calle Guanjuato to Nutley St 8 Morton St E. Main St to Ashland St 12 Wightman St Road End to E. Main St 28 Clay St A St to E. Main St 250,000	Д	30	Ashland St	I-5 Exit 14 SB to Hwy 66	,	. 18.4%	ľ	•
4 Glendower St Bear Creek Greenway to Nevada St  6 Winburn Way Calle Guanjuato to Nurley St  8 Morton St E. Main St to Ashland St  12 Wightman St Road End to E. Main St  28 Clay St Rail Line to Siskiyou Blvd  34 Ist St A St to E. Main St  200,000	ø	35	Railroad Property	Proposed Bike Path to N. Mountain Ave	1	. 18.4%	1	ľ
6 Winburn Way Calle Guanjuato to Nufley St  8 Morton St E. Main St to Ashland St  12 Wightman St Road End to E. Main St  28 Clay St Rail Line to Siskiyou Blvd  34 1st St A St to E. Main St  34 New, Trail to Hersey St	Д	4	Glendower St	Bear Creek Greenway to Nevada St	•	. 18,4%	1	r
8 Morton St E. Main St to Ashland St - 12 Wightman St Road End to E. Main St - 28 Clay St Rail Line to Siskiyou Blvd - 34 1st St A St to E. Main St - 220,000	ρд	9	Winburn Way	Calle Guanjuato to Nutley St	•	- 18.4%	ı	1
12 Wightman St Road End to E. Main St - 28 Clay St Rail Line to Siskiyou Blvd - 34 Ist St A St to E. Main St - 220,000	Д	00	Morton St	E. Main St to Ashland St	•	- 18.4%	ı	,
28 Clay St Rail Line to Siskiyou Blvd 34 Ist St A St to E. Main St 2 New Trail to Hersey St	, pa	17	Wightman St	Road End to E. Main St		- 18.4%	\$	ı
34 1st St	ιщ	78	Clay St	Rail Line to Siskiyou Blvd	•	- 18.4%	r	1
2 New, Test New Trail to Hersey St 220,000	Ω	34	IstSt	A St to E, Main St	-	- 18.4%	1	1
יייייייייייייייייייייייייייייייייייייי	出	m	New Trail	New Trail to Hersey St	350,002		40,000	•

ECONOMIC & FINANCIAL ANALYSIS

City of Ashland, Transportation System Development Charge

	SDC By Project	1	\$73.01	50 63	50.96	\$69,49	09.0	1.41	1.41	1.41	0.40	\$5.23	101.62	14.50	•	16.0	1.11	13.09
Projects	SDC Eligible Project Costs	000,02	\$725,000	900	506,000	690,000	000'9	14,000	14,000	14,000	4,000	52,000	1,009,000	144,000		0006	11,000	130,000
Eligible SDC Projects	% Growth	18.4%	18.4%	0,	18.4% 18.4% 18.4%	18.4%	18.4%	18.4%	18.4%	18.4%	18.4%	18.6%	18.4%	18.4%	0.0%	18.4%	18.4%	18.4%
	High, Medium Development Driven	110,000	\$3,940,000	600	2,750,000	\$3,750,000	35,000	75,000	75,000	75,000	20,000	\$280,000	5,481,000	780,000	1	20,000	61,000	706,000
	Description	A St to Clear Greek Dr Extension			Hubs or Svc		each St	dan St	nan Creek Rd	olman Creek Rd	ton St	guinan Si	l Pkwy	al St	7y Diet	NB) / E. Main St		Oak Knoll Dr / E. Main St (realignment)
		A St to Clear C			Establish Transit Hubs Support Circulator Sve		Hiehway 66 to Beach St	Helman St to Sheridan St	Ashland St to Tolman Creek Rd	Siskiyou Blvd to Tolman Creek Rd	Clay St to Washington St	Siskiyou Biva to wigniman st	Bear Creek to Kestrel Pkwy	Walker Ave to Normal St	N. Main St Temporary Diet	Lithia Way (OR 99 NB) / E. Main St	Tolman Creek Rd	Oak Knoll Dr /
	Street		cle Projects		NA Establish Transit NA Support Circulato	al Transit Projects	Giebricon Blud Hiehway 66 to B	R 99)		R 66)		E. Main St Studies Subtotal	E Nameda C+ Evt Rear Creek to Kestre	S. S.		(99 gO) pa		
Table 7	#	/ Marr Tradi	Total Bicycle Projects			al Transit Projects			Siskivon Blyd	Ashland St (OR 66)	Ashland St (OR 66)	E. Main St Studies Subtotal	the State of the S	1) E. Nevada 31 Lot	40 Walkel Ave Leading 5:	S. Cirbinon Blud (OR 66)		8 Ashland St (OR 66)

ECONOMIC & FINANCIAL ANALYSIS

City of Ashland, Transportation System Development Charge

Table 7	7				Eligible SDC Projects	Projects	
				High, Medium		SDC Eligible	SDC
Tvne*	##	Street	Description	Development Driven	% Growth	Project Costs	By Project
	200						
ρ	25	Washington St Ext	Washington St Tolman Creek Rd	1,835,000	100.0%	1,835,000	184.81
4 p	) 5	Normal Ave Ext	Normal Ave to E. Main St	2,705,000	18.4%	498,000	50.16
4 p	ל ל	N Main St	N. Main St Permanent Diet	200,000	18.4%	37,000	3.73
4 F	 2 6	A shlond Ct	Sigleiven Blyd to Walker Aye Streetscape	000'001'1	18.4%	202,000	1
¥ F	<b>,</b>	N Main St	Wimer St / Hersey St	•	18.4%	1	
٠ د د	4 0	Ashland St (OR 66)	Oak Knoll Dr / E. Main St (roundabout)	ı	18.4%	ı	3
4 F	٦ ٣	Tithia Way (OR 99 NB)	Oak Street	·	18.4%	ı	1
ሩ <b>ድ</b>	1 4	New Boadway (F)	Washington St to New Roadway (E)	1,199,000	25.0%	300,000	30.21
4 £	, t	Achland St	Walker Ave to Normal Ave Streetscape	1,300,000	18.4%	239,000	24.07
ረ p	, ,	New, Doadunay (H)	Mistletoe Rd to Siskiyon Blvd (OR 99)	4,322,000	75.0%	3,242,000	326.52
ፈ p	7 3	Tolman Creek	Mistletoe Rd Streetscape	3,478,000	50.0%	1,739,000	175.14
4 p	1 :	Statement Blad (OR 99)	Park St	296,000	18.4%	54,000	5.44
4 £	7 5	A chland St	Tolman Creek Rd Streetscape	1,500,000	50.0%	750,000	75.54
4 p	, ç	H Main St	N. Mountain Ave Streetscape	1,500,000	18.4%	276,000	27.80
4 f	7 5	Ciatamon Dina (OB 99)	Sherman St	391,000	18.4%	72,000	7.25
4 f	7 7	Gisterion Blvd (OR 99)	Terra Ave / Faith Ave	216,000		40,000	4.03
4 £	, t	Class Orest Dr Hat	Oak St to N. Mountain Ave	2,505,000	20.0%	1,253,000	126.20
4 6	± 70°	Marr Posdmar (7)	F Main St to Ashland St (OR 66)	2,422,000	%0.0	1	1
<b>x</b> ; t	9 6	Mashington St Part	Washington St to Benson Way	1,301,000	75.0%	976,000	98.30
4, px	, F	Wimer St Ext	Wimer St to Ashland Mine Rd	3,125,000	18.4%	575,000	57.91
; p	20	Creek Dr Ext	Meadow Dr to Normal Ave.	•		j	1
4 0	22	New Roadway (B)	Clay St to Tolman Creek Rd	•		•	i
<b>4</b> 22	3	New Roadway (C)	McCall Dr to Engle St	•		,	1
; <u>~</u>	27	Grizzly Dr Ext	Jacquelyn St to Clay St			t	•
; p4	78	Mountain View Dr Ext	Parkside Dr to Helman St		1	f	į
ø	30	Kirk Lane Ext	Kirk Lane to N. Mountain Ave			1	ı

ECONDMIC & FINANCIAL ANALYSIS

City of Ashland, Transportation System Development Charge

Eligible SDC Projects	SDC Eligible	% Growth Project Costs By Project	,	,	,	,	ī	,	0 50.0% 1,414,000 142.41	0 38.2% 14,603,000 \$1,470.75	0 38.1% \$14,655,000 \$1,475.98	0 100.09% \$00,000 50.36	100.0% 1,000,000 100.72	13 100.0% 1,316,000 132.54	13 100.0% \$2,816,000 \$283.62	53 34.8% \$20,971,000 \$2,112
	High, Medium	Development Driven						-	2,828,000	38,201,000	\$38,481,000	500,000	1,000,000	1,316,253	\$2,816,253	\$60,317,253
		Description	Kestrel Pkwy to N. Mountain Ave (at Nepenthe Rd)	Existing Adjacent Streets to End of Property	Ivy Lane to Waterline Rd	Mary Jane Ave to S. UGB then E. to Clay St	Between Existing Segments of Forest St	Croman Mill District Connectivity	Between Walker & Clay Streets	ıdway İmprovements	ction Improvements	Crossing	Crossing	Crossing Upgrade	Projects	
		Street	32 Kestrel Pkwy Ext	Railroad Property	Ivy Lane Ext	Mary Jane Ave Ext	Forest St Ext	Croman Mill District	E. Main St	Total Intersection & Roadway Improvements	Total Roadway & Intersection Improvements	4th St	Washinoton St	Normal Ave	Total Railroad Crossing Projects	. Grand Total
[e 7		#	32	34	46	47	84.	. 64	205			-	٠,	4 m	1	•
Table 7		Type*	<b>∠</b> 4 .	βĄ	ద	ρź	<u></u>	ρν	<b>΄</b> Ω	<b>{</b>		>	< ≻	∢ ≻	ŧ.	

<sup>\*</sup>Type and # correspond to those in the TSP.
- No cost estimate; assumes improvements will be paid by developer

# RESOLUTION NO. 2016-35

A RESOLUTION ADOPTING NEW TRANSPORTATION SYSTEMS DEVELOPMENT CHARGES, PURSUANT TO SECTION 4.20 OF THE ASHLAND MUNICIPAL CODE, AND REPEALING RESOLUTION 1999-42.

#### **RECITALS:**

- A. The current Transportation System Development Charge was approved on July 6, 1999.
- B. The City adopted a new Transportation Systems Plan March 19, 2013 through ordinance that amends the comprehensive plan. The plan updates the previous master plan with new forecasts of trip generation, capital improvements, and updated construction costs.

# THE CITY OF ASHLAND RESOLVES AS FOLLOWS:

<u>SECTION 1.</u> The Transportation System Development Charges project list marked as Exhibit B, is adopted effective immediately.

<u>SECTION 2.</u> The existing System Development Charges and project list for Transportation adopted by Resolution 1992-42 is repealed, effective July 1, 2017.

SECTION 3. The Transportation System Development Charges Methodology and Fee Schedule marked as Exhibits A and B, are adopted effective July 1, 2017.

This resolution was duly PASSED and ADOPTED this <u>20</u> day of <u>December</u>, 2016, and takes effect upon signing by the Mayor.

Barbara Christensen, City Recorder

SIGNED and APPROVED this 20 day of December, 2016.

John Stromberg, Mayor

Reviewed as to form:

David H. Lohman, City Attorney

# **EXHIBIT A**

ITE Land Use	ITE Land Use Code	Unit(*)	PM Peak- hour trips per unit	\$ /PM Peak-hour trip \$2,112
RESIDENTIAL	240	Dwelling Unit	1.02	\$2,154.35
Single Family Multi-Family	210	Dwelling Unit	0.67	\$1,415.11
Multi-Family	220 230	Dwelling Unit	0.52	\$1,098.30
Residential Condominium		Dwelling Unit	0.60	\$1,267.27
Manufactured	240	Dwelling Unit	0.31	\$654.75
Recreational Home/Condo	260	Dwelling Unit	0.51	Ψ004.70
INSTITUTIONAL	22	4 000 of CEA	0.83	\$1,753.05
Truck Terminals	30	1,000 sf GFA	4.50	\$9,504.50
Park	411	Acres	4.50	\$9,504.50
City		Acres	4.50	\$9,504.50
Neighborhood		Acres		\$9,504.50
Amusement		Acres	4.50 3.56	\$7,519.11
Golf Course	430	Holes	0.32	\$675.88
Movie Theatre	443	Seats		\$1,774.17
Racquet Club	492	1,000 sf GFA	0.84	\$633.63
Military Base	501	Employee	0.30	1
Elementary School	520	Student	0.28	\$591.39
Junior High School		Student	0.30	\$633.63
High School	530	Student	0.29	\$612.51
Junior/Community College	540	Student	0.12	\$253.45
Church	560	1,000 sf GFA	0.94	\$1,985.38
Day Care Center/Preschool	565	Student	0.84	\$1,774.17
Library	590	1,000 sf GFA	7.20	\$15,207.19
Hospital	610	1,000 sf GFA	1.16	\$2,450.05
Nursing Home	620	Occupied Bed	0.37	\$781.48
BUSINESS & COMMERCIAL				
Hotel/Motel	310	Occupied Room	0.74	\$1,562.96
Building Materials/Lumber	812	1,000 sf GFA	5.56	\$11,743.33
Specialty Retail Center	814	1,000 sf GFA	5.02	\$10,602.79
Discount Stores	815	1,000 sf GFA	5.57	\$11,764.45
Hardware/Paint Stores	816	1,000 sf GFA	4.74	\$10,011.40
Nursery-Retail	817	1,000 sf GFA	9.04	\$19,093.47
Shopping Center	820			
(under 50,000 sf GFA)	820	1,000 sf GFA	3.90	
(50,000 - 99,999 sf GFA)	820	1,000 sf GFA	3.90	
(100,000 - 199,999 sf GFA)	820	1,000 sf GFA	3.90	
(200,000 - 299,999 sf GFA)	820	1,000 sf GFA	3.90	

<sup>2- 12.6.16</sup> Public Hearing - Resolutions for New Water, Wastewater and Transportation System
Development Charges\_Atch 4.docxG:\legal\PAUL\FORMS\resolution form.wpd

ITE Land Use	ITE Land Use Code	Unit(*)	PM Peak- hour trips per unit	\$ /PM Peak-hour trip \$2,112
(300,000 - 399,999 sf GFA)	820	1,000 sf GFA	3.90	\$8,237.23
(400,000 - 499,999 sf GFA)	820	1,000 sf GFA	3.90	\$8,237.23
(500,000 - 599,999 sf GFA)	820	1,000 sf GFA	3.90	\$8,237.23
High Turnover Sit-Down Restaurant	832	1,000 sf GFA	18.49	\$39,052.91
Fast Food Restaurant	833	1,000 sf GFA	47.30	\$99,902.80
New Car Sales	841	1,000 sf GFA	2.80	\$5,913.91
Service Station	844	Gasoline Pump	15.65	\$33,054.52
Supermarket	850	Employee	8.37	\$17,678.36
Convenience Market	851	1,000 sf GFA	36.22	\$76,500.62
Convenience Market w/ Gas Pump	853	Gasoline Pump	19.98	\$42,199.96
Apparel Store	870	1,000 sf GFA	4.20	\$8,870.86
Furniture Store	890	1,000 sf GFA	0.53	\$1,119.42
Bank/Savings: Walk-in	911	1,000 sf GFA	NA	}
Bank/Savings: Drive-in	912	1,000 sf GFA	26.69	\$56,372.22
OFFICE				
Clinic	630	1,000 sf GFA	NA	
General Office				
(Under 100,000 sf GFA)	710	1,000 sf GFA	1.49	\$3,147.04
(100,000-199,999 sf GFA)	710	1,000 sf GFA	1.49	\$3,147.04
(200,000 sf GFA and over)	710	1,000 sf GFA	1.49	\$3,147.04
Medical Office Building	720	1,000 sf GFA	4.27	\$9,018.71
Government Office Bldg.	730	1,000 sf GFA	1.49	\$3,147.04
State Motor Vehicles Dept	731	1,000 sf GFA	19.93	\$42,094.35
U.S. Post Office	732	1,000 sf GFA	14.67	\$30,984.65
Research Center	760	1,000 sf GFA	1.07	\$2,259.96
Business Park	770	1,000 sf GFA	1.26	\$2,661.26
INDUSTRIAL				
General Light Industrial	110	1,000 sf GFA	1.08	\$2,281.08
General Heavy Industrial	120	1,000 sf GFA	0.68	\$1,436.23
Industrial Park	130	1,000 sf GFA	0.84	\$1,774.17
Manufacturing	140	1,000 sf GFA	0.75	\$1,584.08
Warehouse	150	1,000 sf GFA	0.45	\$950.45
Mini-Warehouse	151	1,000 sf GFA	0.22	\$464.66
Utilities	170	Employees	NA	
Wholesale	860	1,000 sf GFA	0.52	\$1,098.30

Source: City of Ashland, *Transportation System Development Charge Update*, [Economic & Financial Analysis, July 2016] Table 8.

<sup>3- 12.6.16</sup> Public Hearing - Resolutions for New Water, Wastewater and Transportation System Development Charges\_Atch 4.docxG:\legal\PAUL\FORMS\resolution form.wpd

# **EXHIBIT B**

City of Ashland, Oregon

TRANSPORTATION:

SYSTEM DEVELOPMENT CHARGE UPDATE

Prepared by:

**ECONOMIC & FINANCIAL ANALYSIS** 

Vancouver, WA

July 2016

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## INTRODUCTION

The City of Ashland retained Economic & Financial Analysis (EFA) to update the City's Transportation system development charge based on the *Transportation System Plan* (TSP) developed by Kittelson & Associates and adopted by the City in 2011.

This introduction is followed by a summary of the recommended changes to the Transportation SDC, a summary of the current SDC, and three sections that formulate the Transportation SDC update. The Appendix contains a listing of the ITE *Trip Generation Manual* for land uses for which ITE reports the PM Peak-Hour number of trips. We use the PM Peak-hour number of trips to both create the Transportation SDC and to assess the it for specific types of development.

#### SUMMARY

The current TSDC was developed in 1997 and last updated in 1999. The updated Transportation SDC is based on a new list of capital improvements, a new forecast of population and employment growth, and the measures of trip generation have been updated from the 5<sup>th</sup> edition of the Trip Generation Manual to the most currently available 9<sup>th</sup> edition. Two other key differences are made. First, the current SDC is based on measures of average daily trips (ADT) by land use while the updated TSDC is based on PM peak-hour trips by land use. Second, the current TSDC is applied to a select number of land uses with high-volume trip generation (e.g., fast-food, service stations) that effectively discounts the TSDC charged to them. This update eliminates these discounts which will have a significant impact on the TSDC for these select land uses.

The TSDC increases from \$214 per ADT to \$2,112 per PM peak-hour trip, a 887% increase. These TSDC rates are applied based on the number of trips by a specific land use. A single family residence produces 9.55 ADTs but only 1.02 PM peak-hour trips per day which results in a current TSDC of \$2,043 (\$214 x 9.55 ADT) and an updated TSDC of \$2,154 (\$2,112 x 1.02 PM peak-hour trips), a 5% increase. For high-volume land uses such as service stations, the TSDC will increase from \$1,164 per pump to \$33,054, a 1910% increase. Table 8 below compares the current and updated TSDC for a wide range of land uses.

Discussions with the Systems Development Charge Review Committee and the Transportation Advisory Committee, recommended the final Transportation SDC should be \$2,112 per PM peak-hour trip with the changes noted above. The Transportation SDC is an improvement fee only. The current transportation system lacks sufficient excess capacity to develop a reimbursement fee. The Committee recommended the following changes to the original list and growth allocations by capital projects:

- Projects R41 (Ashland Street at Tolman Creek Road Streetscape) and R44 (Tolman Creek Road at Mistletoe Road Streetscape) are essentially one continuous project and should be allocated 50% to growth based on testimony from the City's Planning Director. The allocation reduces R41 from 100% to 50% and R41 was increased from 0% to 50%. These projects amount to \$250.68 of the total \$2,112 per trip SDC.
- All of the railroad crossing projects (X1 at 4th Street, X2 at Washington Street, and X3 at Normal Avenue) should be allocated 100% to growth. The committee concluded that these projects are

essential to improving access on both sides of the railroad rights of way. Together these projects amount to \$283.62 of the total \$2,112 per trip SDC.

## **CURRENT TRANSPORTATION SDC**

The Current Transportation System Development Charge was adopted in 1997 and updated in 1999, seventeen years ago. The Current SDC has several weaknesses mostly due to its age in a changing environment. These include:

- Update of the capital improvements list and their costs
- Changes in travel patterns
- The primary source of trips per type of development is from the 5<sup>th</sup> edition of the *Trip Generation* Manual (Institute of Transportation Engineers, 1991), the "Manual"; the 9<sup>th</sup> edition was released in 2012. The current SDC also uses some unpublished estimates of travel for certain land uses that have since been updated in later editions of the Manual.
- In the current SDC several assumptions were made and categories of trips by land use were
  consolidated into a "short" list of possible land uses and their travel patterns. Later editions
  of the Manual provide a broader range of trip generation by land use.
- Also, the current SDC is based on average daily trips as was the original transportation
  master plan the SDC used as a source. The current transportation master plan is designed
  around PM peak-hour trip rates that more accurately determines the need for capital
  improvements.

In the following analysis and update, EFA bases this update to the transportation SDC on the current Ashland Transportation System Plan (2012 Kittelson & Associates, Inc.), the most recent Trip Generation Manual (Institute of Transportation Engineers, 9th Edition), 2012 land use and population data and forecasts, and recommendations by the Ashland Systems Development Charges Review Committee and the Ashland Transportation Advisory Committee.

The next three sections of this report develop the transportation SDC update:

- Forecast Number of PM Peak-Hour Trips is used to calculate the capital cost per trip of planned capital improvements
- Allocation of CIP List of Development contains the current list of capital improvements and the proportion that will benefit future developments
- Improvement Fce is the calculation of the updated transportation SDC

The current and proposed changes to the Transportation SDC does not include a reimbursement fee. The transportation network does not have sufficient excess capacity to meet the requirements for calculating a reimbursement fee which is based on the value of excess capacity. The current and proposed update the Transportation SDC is an improvement fee only which is based on increases in capacity.

# FORECAST NUMBER OF PM PEAK-HOUR TRIPS

Ashland's TSP contains the following population and employment forecasts to determine the need for capital improvements. The expected growth reflects an aging population with fewer people in the workforce resulting in an increasing population/employment ratio. The planned improvements will accommodate this level of growth in population and employment.

Table 1 Population and Employment Growth

• •	2009	2034	Growth
Population	21,505	25,464	3,959
% Growth			18.4%
% Growth/Year			0.68%
Employment	13,284	15,496	2,212
% Growth			16.7%
% Growth/Year			0.62%
Population/Employment	1.62	1.64	
Source: Ibid., pp 60, 61.			

Source: Ibid., pp 60, 61.

To determine the numbers of trips now and in the future, we use trip generation data, jobs by type, and the current (2009) and forecast (2034) population and employment shown in Tables 2 and 3.

Table 2 Calculation of Residential and Employment Growth

Tuble 2 Galonians	2009	2034	Growth
Households by Building Type^ Single Family Multiple Family Total	9,271 3,813 13,084	10,535 4,958 15,493	1,264 1,145 2,409
Population % Growth % Growth/Year	21,505	25,464	3,959 18.4% 0.68%
Persons/Household	1.64	1.64	1.64
Employment* % Growth % Growth/Year	13,284	17,220	3,936 29.6% 1.04%
Population/Employment	1.62	1.48	1,01

<sup>^</sup>Ashland's utility billing system shows 9,271 single family residences and 3,813 multiple family residences and we assume the SF/MF split will remain constant through 2034.

<sup>\*</sup>Employment growth derived from the TSP, page 59.

The ITE *Trip Generation Manual* (9<sup>th</sup> ed.) shows single-family residences produce 1.02 PM Peak-Hour trips and multiple family residences produce 0.67 PM Peak-Hour trips. Employees average 2 PM Peak-Hour Trips per employee. The Appendix contains the *Trip Generation Manual* detailed list of the PM Peak-Hour trip rates for various uses.

Table 3 Calculation of PM Peak-Hour Trips

Table 3 Calculation of the contract of the con	2009	2034	Growth
PM Peak-Hour Trips			
Residential Single Family—1.02 trips	9,456 2,555	10,746 3,322	1,290 767
Multiple Family—0.68 trips Total Residential PM P-H Trips	12,011	14,068	2,057
Employment PM P-H Trips/Employee	13,284 2.00	17,220 2.00	3,936 2.00 7,872
Total PM P-H Trips	26,568	34,440	9,929
Total PM P-H Trips	38,579	48,508	9,929

Source: Compiled by EFA from City of Ashland Comprehensive Plan.

This update uses *PM peak-hour trips* to both determine the aggregate number of these trips within the boundaries of the TSP and to apply the transportation SDC to specific developments. The current SDC is based on *total average daily trips* and is applied to specific developments based on total average daily trips with adjustments for *equivalent length new daily trips* (ELNDT) for selected land uses.<sup>2</sup> Table 4 shows the schedule of the current SDC by broad categories of land uses. The list in Table 4 is a subset of land uses in the appendix to this report. The appendix to this report should be used to apply this updated SDC.

The PM Peak-hour trip rates were used to better reflect the demands placed on the roadways. The TSP is based on peak-hour vehicle movements through intersections. The update also drops the use of ELNDT. Since the current SDC was developed in 1999, the ITE Trip Generation Manual has been expanded to more uses and several categories of uses have been updated or changed with newer data.

<sup>&</sup>lt;sup>1</sup> EFA compiled employment data from the City's utility billing system and business licenses, and from the US Census Bureau's survey of business. We matched trip generation data from the ITE manual with the employment by type of business to calculate the average.

<sup>&</sup>lt;sup>2</sup> ITE defines the average weekday trip rate as "... the weighted weekday (Monday through Friday) average vehicle trip generation rate during a 24-hour period." ITE defines the average PM Peak-Hour trip rates as the peak hour of the generator between 4:00 p.m. and 6:00 p.m. [ITE, *Trip Generation Manual* Volume 1 User's Guide and Handbook, 9<sup>th</sup> ed., page7]. ITE defines trip length and linked trips as measures affecting traffic on streets adjacent to a particular development. Only 22 of the more than 200 land uses in the ITE manual have been statistically measured for trip length and pass-by trips, and for this reason and the poor correlation with trip rates, the ITE cautions analysts in the use of these data [Ibid., page 33].

Table 4 Comparison of Average Weekday Trip and PM Peak-Hour Trips for Selected Land Uses

Table 4 Comparison of Average weeknay 111p and 1141 can 110d 111ps for Society	rekuay 111p amu rin r	can-libut titys to 1		Current SDC Trip Rates		Updated SDC
Table 4			Average	D. conicology I conseth Moure	Adjusted Adjusted Avg.	DM Poal.
	ITE		weekuay Trip Rate	Daily Trip Adjustments		Hour Trip
ITE Land Use	Land Use Code	Unit(*)	Rate	Trip Length Linked Irip	ed Trip Kate	Kate
T & VOTI ACT						
KESIDEN LIAL Single Family Multi-Family	210	Dwelling Unit	9.55	1.00	1.00	1.02
Multi-Family	220	Dwelling Unit	6.47			
Pesidential Condominium	230	Dwelling Unit	5.86			
Manifactired	240	Dwelling Unit	4.81			
Recreational Home/Condo	260	Dwelling Unit	3.16		1.00	
INSTITUTIONAL	Ċ	4 and 4- and 1	300	1 12	1.00	0 83
Truck Terminals	30	1,000 SI GFA	20.7			
Bus Depot		1,000 sf GFA	75.00	1.00.	1.00	
Park		-	0000	000	1.00	4 50
City		Acres	20.00			
Golf Course	430	Holes	57.35			
Movie Theatre	443	Seats	1.76		1.00	
Racquet Club	492	1,000 sf GFA	17.14	1 0.51		
Military Base	501	Employee	1.78		1.00	
Flementary School	520	Student	1.09			
Limior High School		Student	1.20	1.08		0.30
High School	530	Student	1.38		1.00	
Insign/Community College	540	Student	1.3			
Church	920	1,000 sf GFA	9.3			
Day Care Center/Preschool	565	Student	4.63		1.00	
Tibrang	590	1,000 sf GFA	45.5			
Homital	610	1,000 sf GFA	16.78	8 0.95		1.16
Nursing Home	620	Occupied Bed	2.60		1.00	
BUSINESS & COMMERCIAL	Č	mood Deciman	~~~		0.75	0.74
Hotel/Motel	310	1 000 of GEA	30.56	0.39		
Building Materials/Lumber	812	L'000 SI GFA				

City of Ashland, Transportation System Development Charge

Table 4   Tipe   Average   Particle   Average   Particle   Average   Particle   Average   Particle   Particl					Current SDC Trip Rates	rip Rates		Updated SDC
Part	Table 4			Average Weekday	Equivalent Len	gth New	Adjusted Avg. Weekday	PM Peak-
State	Trees V and View	ITE	Unit(*)	Trip Rate Rate	Daily Trip Adju Trip Length Lin	ustments aked Trip	Trip Rate	Hour Trip Rate
State	IIE Land Use	Land Ost Cott						
815         1,000 sf GFA         70.13         0.49         0.75         25.77         3.5           816         1,000 sf GFA         51.29         0.49         0.75         18.85         4.9           817         1,000 sf GFA         36.08         0.49         0.75         18.85         4.9           820         1,000 sf GFA         167.59         0.31         0.28         14.55         3.9           1 67.43         820         1,000 sf GFA         70.67         0.40         0.61         17.24         3.9           1 67.44         820         1,000 sf GFA         70.67         0.49         0.67         17.24         3.9           2 6 GFA)         820         1,000 sf GFA         46.81         0.49         0.77         15.03         3           2 8 GFA)         820         1,000 sf GFA         46.81         0.49         0.77         15.03         3           2 8 GFA)         820         1,000 sf GFA         46.81         0.49         0.77         15.03         3         15.03         3         15.03         3         15.03         3         15.03         3         15.03         3         3         15.13         3         15.03	Ity Betail Center	814	1,000 sf GFA	40.67		0.75	14.95	5.02
816         1,000 sf GFA         51.29         0.49         0.75         18.85         4.           820         1,000 sf GFA         36.08         0.49         0.75         13.26         9.           820         1,000 sf GFA         167.59         0.31         0.28         14.55         3.           9 sf GFA)         820         1,000 sf GFA         70.67         0.49         0.67         17.24         3.           9 sf GFA)         820         1,000 sf GFA         54.50         0.49         0.67         17.24         3.           9 sf GFA)         820         1,000 sf GFA         46.81         0.49         0.67         17.24         3.           9 sf GFA)         820         1,000 sf GFA         42.02         0.49         0.67         17.89         3.           9 sf GFA)         820         1,000 sf GFA         42.02         0.49         0.71         15.09         15.10         15.10         15.10         15.10         15.11         15.00         15.11         15.00         15.11         15.00         15.11         15.00         15.11         15.00         15.11         15.00         15.11         15.00         15.11         15.00         15.11         15.	int Stores	815	1,000 sf GFA	70.13		0.75	25.77	5.57
g17         1,000 sf GFA         36.08         0.49         0.75         13.26         9.           g20         1,000 sf GFA         167.59         0.31         0.28         14.55         3.           st GFA)         g20         1,000 sf GFA         167.59         0.31         0.28         14.55         3.           st GFA)         g20         1,000 sf GFA         70.67         0.40         0.61         17.24         3.           9 sf GFA)         g20         1,000 sf GFA         46.81         0.49         0.67         17.39         3.           9 sf GFA)         g20         1,000 sf GFA         42.62         0.49         0.71         16.29         3           9 sf GFA)         g20         1,000 sf GFA         42.62         0.49         0.73         15.03         35.09         47         16.29         3         35.09         47.91         36.99         47.91         36.99         47.91         36.99         47.91         36.99         47.91         36.99         47.91         36.99         47.91         36.99         47.91         36.99         47.91         36.99         47.91         36.99         47.91         36.99         47.91         36.99         47.91	IIII Stores	816	1,000 sf GFA	51.29		0.75	18.85	4.74
820         1,000 sf GFA         167.59         0.31         0.28         14.55         3.9           999 sf GFA)         820         1,000 sf GFA         91.65         0.33         0.50         15.12         3.5           999 sf GFA)         820         1,000 sf GFA         70.67         0.40         0.61         17.24         3.5           99.99 sf GFA)         820         1,000 sf GFA         42.02         0.49         0.67         17.89         3.5           99.99 sf GFA)         820         1,000 sf GFA         42.02         0.49         0.71         16.29         3.5           99.99 sf GFA)         820         1,000 sf GFA         42.02         0.49         0.71         16.29         3.5           99.99 sf GFA)         820         1,000 sf GFA         42.02         0.49         0.73         15.03           99.99 sf GFA)         820         1,000 sf GFA         73.91         0.07         0.75         15.03           1000 sf GFA         73.72         0.09         0.75         1.56         2.56         8           1000 sf GFA         1,000 sf GFA         1,000 sf GFA         1.43         0.75         1.79           1000 sf GFA         1,000 sf GFA	rv-Retail	817	1,000 sf GFA	36.08		0.75	13.26	9.04
0. st GFA)  0. st GFA  0. st	ing Center	820		101		800	14.55	3 90
820         1,000 sf GFA         91,65         0.55	under 50,000 sf GFA)	820	1,000 st GFA	77.0T		0.20	11.00	200
1,000 sf GFA   1,00	50 000 - 99 999 sf GFA)	820	1,000 sf GFA	91.65		0.50	77.61	3.90
200,000 - 299,999 sf GFA)  820	100 000 - 199 999 sf GFA)	820	1,000 sf GFA	19.01		0.61	17.24	
200,000 - 299,999 st GRA)         820         1,000 st GRA         46.81         0.49         0.71         16.29         3           300,000 - 299,999 st GRA)         820         1,000 st GRA         42.02         0.49         0.73         15.03         3           400,000 - 999,999 st GRA)         820         1,000 st GRA         42.02         0.49         0.75         15.03         3           500,000 - 599,999 st GRA)         820         1,000 st GRA         786.22         0.09         0.75         29.26         18           700,000 - 599,999 st GRA)         1,000 st GRA         786.22         0.09         0.75         29.26         18           700,000 - 599,999 st GRA)         1,000 st GRA         786.22         0.09         0.75         29.26         18           700,000 st GRA         1,000 st GRA         77.99         0.09         0.51         36.09         47           An aket         841         1,000 st GRA         77.79         0.75         11.49         47.51         0.07         0.77         71.68         15.66         88         11.49         47.51         0.07         0.75         11.49         47.51         0.07         0.75         11.49         47.51         0.07         0.75	700,000 277,737 EEEA)	820	1,000 sf GFA	54.50		0.67	17.89	
1,000 of GFA   1,00	(200,000 = 257,555 st C111)	820	1,000 sf GFA	46.8]		0.71	16.29	
200,000 - 599,999 st GFA)         1,000 st GFA         38.65         0.49         0.80         15.15         3           500,000 - 599,999 st GFA)         820         1,000 st GFA         205.36         0.19         0.75         29.26         18           500,000 - 599,999 st GFA)         1,000 st GFA         1,000 st GFA         786.22         0.09         0.75         29.26         18           Car Sales         841         1,000 st GFA         47.91         0.60         0.75         21.56         21.56         22           Car Sales         844         Gasoline Pump         142.54         0.07         0.77         7.68         15           ce Station         850         Employee         8782         0.14         0.46         5.66         8           ce Station         851         1,000 st GFA         737.99         0.08         0.35         20.66         36           enience Market         851         1,000 st GFA         1,000 st GFA         1,40.61         0.75         11.49         4           relience Market w/ Gas Pump         873         1,000 st GFA         1,40.61         0.75         11.49         4           relience Market w/ Gas Pump         890         1,000 st GFA	(300,000 - 377,775 St (3E4)	820	1,000 sf GFA	42.02		0.73		
Turnover Sit-Down Restaurant   832   1,000 sf GFA   205.36   0.19   0.75   29.26   18   18   1,000 sf GFA   786.22   0.09   0.51   36.09   47   786.22   0.09   0.51   36.09   47   786.22   0.09   0.51   36.09   47   71.00 sf GFA   786.22   0.09   0.75   21.56	400,000 = 477,777 St CIIII)	820	1,000 sf GFA	38.6		0.80		
March   Market   Ma	Timovier Sit-Down Restaurant	832	1,000 sf GFA	205.3(		0.75		
Car Sales  841 1,000 sf GFA  47.91 0.60 0.75 21.56 22.56 24. Gasoline Pump  87.82 0.14 0.46 5.66 850 Employee  87.82 0.14 0.46 5.66 851 1,000 sf GFA  1,000	Lumbyer Sir-Down recommend	833	1,000 sf GFA	786.2		0.51	(h) (h)	
ce Station         844         Gasoline Pump         142.54         0.07         0.77         7.68         15           ce Station         850         Employee         87.82         0.14         0.46         5.66         8           cmarket         850         1,000 sf GFA         737.99         0.08         0.35         20.66         36           enience Market         851         1,000 sf GFA         194.34         0.32         0.22         13.68         15           enience Market         853         Gasoline Pump         194.34         0.32         0.22         13.68         15           relience Market         870         1,000 sf GFA         31.27         0.49         0.75         14.99         4           ruel Store         911         1,000 sf GFA         140.61         0.17         0.75         17.93           Mavings: Drive-in         912         1,000 sf GFA         265.21         0.17         0.55         24.80         26.53           Savings: Drive-in         630         1,000 sf GFA         23.79         0.65         1.00         10.78           correction         10,000 sf GFA         10,000 sf GFA         10.00         10.78         10.78         10.79	Cor Coles	841	1,000 sf GFA	47.9		0.75		
constraint         850         Employee         87.82         0.14         0.46         5.66         8           market         851         1,000 sf GFA         737.99         0.08         0.35         20.66         36           enience Market         853         1,000 sf GFA         194.34         0.32         0.022         13.68         15           enience Market         853         Gasoline Pump         1,000 sf GFA         1,1,000 sf GFA         1,1,000 sf GFA	Cal Baies	844	Gasoline Pump	142.5		0.77		
minarket         851         1,000 sf GFA         737.99         0.08         0.35         20.66         36           enience Market         853         Gasoline Pump         194.34         0.32         0.22         13.68         15           enience Market w/ Gas Pump         853         Gasoline Pump         194.34         0.32         0.22         13.68         15           enience Market w/ Gas Pump         870         1,000 sf GFA         4.34         0.49         0.75         1.49         4           rue Store         910         1,000 sf GFA         140.61         0.17         0.75         1.59         1.59         1.50         <	ice Station	850	Employee	87.8		0.46		
Fine the contact of t	imarket	851	1.000 sf GFA	737.9		0.35		
refliction water with case and cover the following sequences with case and case are a sequence with case ar	Vellicities Market	853	Gasoline Pump	194.3		0.22		
title Store (1,000 sf GFA (1,0	VIAINGE W/ CAS	870	1,000 sf GFA	31.2		0.75	1	
Mayorings: Drive-in 911 1,000 sf GFA 140.61 0.17 0.75 17.93 24.80 263 24.80 263 24.80 263 24.80 263 24.80 263 24.80 263 24.80 263 1,000 sf GFA 23.79 0.53 1.00 12.61 2.61 2.61 2.61 2.61 2.61 2.61 2.6	the store	068	1,000 sf GFA	4.3		0.75		
263a7mgs: wak-in 912 1,000 sf GFA 265.21 0.17 0.55 24.80 26 24.80		911	1,000 sf GFA	140.6		0.75		
1.000 sf GFA   1.000 sf GFA and over   1.000 sf GFA   1.000 sf GFA and over	Zavings: walk-in	912	1,000 sf GFA	265.2		0.55	24.8	
ic carried of the car	Zavings. Dive-in	1	•					
0,000 sf GFA)         1,000 sf GFA         1,000 sf GFA         16.58         0.65         1.00         9.12           199,999 sf GFA)         710         1,000 sf GFA         11.85         0.65         1.00         7.70           1,000 sf GFA and over)         710         1,000 sf GFA         11.85         0.65         1.00	. <u>.</u>	630	1,000 sf GFA	23.7		1.00		
A) 710 1,000 sf GFA 14.03 0.65 1.00 7.70 7.70 1.00 sf GFA	eral Office	Č	1 000 t	16.9		1.00		
710 1,000 sf GFA   11.85 0.65 1.00   7.70	(Under 100,000 sf GFA)	710	1,000 sf GFA	14.0		1.00		
	(100,000-199,999 st Of A)	710	1,000 sf GFA	11.8		1.00		

City of Ashland, Transportation System Development Charge

																J	<b>~</b> 1
Updated SDC	PM Peak-	Hour Trip Rate		4.27	1.49	19.93	14.67	1.07	1.26	1.08		0.84					
ב	Adjusted Avg. Weekday	Trip Rate			66.17		83.64			7.8.1		7.81					
Rates	th New	tments ed Trip		1.00	1.00	1.00	1.00	1.00	1.00	100	1.0	1.00	1.0	1.0	1.0	 0.1	0.1
Current SDC Trip Rates	Equivalent Length New	Daily Trip Adjustments Trip Length Linked Trip		0.53	96.0	96.0	96.0	0.67	0.67	1.12	1.12	1.12	1.12	1.12	0.47	1.00	0.49
Cn	Average Weekday E			34.17	68.93	166.02	87.12	7.70	14.37	6.07	1.50	6.97	3.85	4.88	2.61	1.06	6.73
	<u> </u>											٠		- •	4'		<b>∢</b>
		Unit(*)		1 000 ef GFA	1 000 sf GFA	1,000 sf GFA	1,000 sf GFA	1.000 sf GFA	1,000 sf GFA	4 000	1,000 ST GFA	1,000 st GFA	1,000 sf GF/	1,000 sf GFA	1,000 sf GF/	Employees	1,000 sf GFA
		I and Use Code	Laur Car Cour	000	027	127	737	092	770	3	110	130	140	150	151	170	098
	Table 4	A TANK	IIE Land Use		Medical Othice Building	Government Office Bldg.	State Motor Venicles Dept	U.S. Post Office	Research Center Business Park	INDUSTRIAL	General Light Industrial	General Heavy Industrial	Industrial Park	Manutacturing	Warehouse	Mini-walchouse	Unines Wholesale

\*Abbreviations include: GFA = Gross Floor Area and sf = square feet.
The ratio between GFA and gross leasable area (GLA), as cited for shopping center in ITE Trip Generation is 1.5: 1. The ITE Trip Generation rates are factored up by 14% to derive GFA weekday rates.

### ALLOCATION OF CIP LIST TO DEVELOPMENT

Table 4 is a summary of capital improvements from the 2012 Transportation System Plan. A full list of the projects is included at the end of this chapter. The projects are categorized as: General Policies & Studies, Pedestrian, Bicycle, Transit, Intersection & Roadway, and Railroad Crossing. Each project is identified by its priority. High priority projects are planned for implementation in the next five years; Medium priority in the following ten years, and Low priority for some time after fifteen years. Development Driven projects will be built only if and when private development occurs in the area to be served by these improvements.

Table 5 Summary of TSP Projects

	Priority (in years)			
High	Medium	Low	Development	Total
0-5	5-15	15-25	Driven	Improvements
100 000	30,000	0	0	130,000
	4.050.000	2,975,000	0	15,575,000
	.,. ,	570,000	330,000	5,280,000
, ,	2,750,000	3,500,000	0	7,250,000
, .	7,078,000	3,725,000	23,555,000	43,306,000
Improvements Railroad Crossing 2,816,000 0	0	2,816,253	5,632,253	
\$24,644,000	\$15,058,000	\$10,770,000	\$26,701,253	\$77,173,253
	100,000 8,550,000 3,230,000 1,000,000 8,948,000 2,816,000	(in years)  High Medium 0-5 5-15  100,000 30,000 8,550,000 4,050,000 3,230,000 1,150,000 1,000,000 2,750,000 8,948,000 7,078,000 2,816,000 0	(in years)           High 0-5         Medium 5-15         Low 15-25           100,000         30,000         0           8,550,000         4,050,000         2,975,000           3,230,000         1,150,000         570,000           1,000,000         2,750,000         3,500,000           8,948,000         7,078,000         3,725,000           2,816,000         0         0	(in years)           High 0-5         Medium 5-15         Low 15-25         Development Driven           100,000         30,000         0         0           8,550,000         4,050,000         2,975,000         0           3,230,000         1,150,000         570,000         330,000           1,000,000         2,750,000         3,500,000         0           8,948,000         7,078,000         3,725,000         23,555,000           2,816,000         0         0         2,816,253

As part of the TSP process, the advisory committee recommended that only High, Medium, and Development Driven projects be included in the calculation of the SDC and to exclude the Low priority projects. As a result, Table 6 shows that \$60.317 million of the \$77.173 million of projects is considered for the SDC improvement fee.

Each project in each category was evaluated for its benefit to growth. As a general rule, projects were considered to provide about 18.4% of benefit to future development which is the expected population growth through 2034. Some projects such as those in the Intersection & Roadway Improvements category and projects in the Development Driven category are either new roadways or roadway improvements that primarily service currently vacant areas of the City and primarily benefit future development.

The City's Transportation Commission recommended excluding \$3.27 million of improvements from the SDC calculations. Also, the City added an extension of East Main Street between Walker and Clay Streets. These corrections and one addition are shown as strikeouts or **bold** in Table 7 below.

In sum, Table 6 shows only \$20.971 million of the \$77.173 million of project costs are allocated to growth, which is the cost basis for the SDC improvement fee.

Table 6 Cost Allocation to the SDC Improvement Fee

ven Grow	
000 18	8.5% 24,000
000 18	8.4% 2,061,000
000 18	8.4% 725,000
000 18	8.4% 690,000
000 38	8.1% 14,655,000
253 100	0.0% 2,816,000
253 34	4.8% \$20,971,000
,	,253 3

### IMPROVEMENT FEE

The improvement fee is simply the allocation of cost to growth divided by the number of new PM Peak-Hour trips,  $$20.971 \text{ million} \div 9,929 \text{ PM}$  Peak-Hour trips = \$2,112/PM Peak-Hour trip. The transportation SDC improvement fee for a new single-family house will be  $$2,154 \ ($2,112 \times 1.02 \text{ PM} \text{ Peak-hour})$$  110.65 (5%) more than the current \$2,043.70.

Table 7 shows each project, its priority, and cost contribution the improvement fee system development charge. Table 8 compares the current and updated SDC for a cross-section of land uses.

Table 8 shows that residential land uses are only modestly impacted by the updated SDC. The updated SDC for commercial land uses increase more, particularly those that have high trip rates such as service stations and fast food restaurants, and convenience markets. These large increases are due to two factors.

First the current SDC relies on total average daily trip rates which are generally greater than PM peak-hour trip rates, but the SDC itself increased from \$214/average daily trips to \$2,112/PM Peak-hour trips.

Second, the current SDC relies on equivalent length new daily trip (ELNDT) adjustments that reduce the number of trips charged by a significant number. For example, Service Stations have an ADT of 142.54 trips per gas pump; however, these are discounted by ELNDT to only 7.68 trips per day which results in an SDC of \$1,644.14/pump. Had ELNDT not been applied the current SDC would have been \$30,503.56 per pump. The updated SDC uses 15.65 PM peak-hour trips per gas pump at \$2,154/PM peak-hour trip or \$31,410.38/pump.

City of Ashland, Transportation System Development Charge

By Project SDC 18,000 138,000 83,000 55,000 78,000 9,000 8,000 83,000 37,000 46,000 138,000 18,000 46,000 46,000 6,000 18,000 \$24,000 Project Costs SDC Eligible Eligible SDC Projects 18.4% 18.4% 18.4% 18.4% 18.4% 18.4% 18.4% 18.4% 18.4% 18.4% 18.4% 18.4% 18.4% 18.4% 18.5% 18.4% 18.4% % Growth 425,000 100,000 50,000 45,000 450,000 300,000 250,000 750,000 200,000 450,000 30,000 250,000 750,000 100,000 100,000 Development Driven \$130,000 High, Medium Downtown Parking & Multi-Modal Circulation Study Travel Smart Education, Targeted Marketing 100'S of Village Green Way to Iowa St Siskiyou Blvd to west side City Limits Funding Sources Feasibility Study Chestnut St to 150' E of Rock St 950' N of Iowa St to Ashland St S. Mountain Ave to Morton St Siskiyou Blvd to Mohawk St Description Thornton Way to N. Main St Hersey St to Van Ness Ave Oregon St to Woodland Dr N. Main St to Schoffeld St Oak St to 100' W of 6th St Table 7 Transportation Capital Improvements Plan, 2013 Dollars Maple St to Wimer St N. Main St to Oak St Total Policies & Studies Projects N. Main St/Hwy 99 Tolman Creek Rd N. Mountain Ave Street Walker Ave Walker Ave Orange Ave Ashland St Helman St Maple St Scenic Dr Hersey St Clay St A St YZ Y Ϋ́ ΝA 58(1) 38(1) 57(1) 27(1) 28(1) 10(1) 18 22 25  $\alpha$ Table 7 Type\* 4 4 4 4 4 4 4 4 S S

4.63 13.90 1.81 4.63 4.63 8.36 13.90 3.73 8.36

0.60 \$2.41

1.81

5.54 7.86 1.81

0.91 0.81

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City of Ashland, Transportation System Development Charge

T. 014077	ř				Eligible SDC Projects	Projects	
Yanı	ر ر			High, Medium		SDC Eligible	SDC
Tone*	#	Street	Description	Development Driven	% Growth	Project Costs	By Project
						200	7 7
ρ	23	Wightman St	200'N of E. Main St to 625'S of E. Main St	400,000	18.4%	/4,000	 
<b>-</b> 1	<b>3</b> 4	Closs C+/Oreage Ave	N Main St to 175' E of Willow St	200,000	18.4%	37,000	3.73
24	n ¦	Gleilli Sivolange Ave	When Ct to I ithis Way	50,000	18.4%	000'6	0.91
Д	17	Beaver Slide	Water St. to Learner 11 25	750,000	18.4%	138,000	13.90
Д	29	Garfield St	E. Main St. to Siskayou Dive	450,000	18.4%	83,000	8.36
ፈ	09	Lincoln St	E. Main St to 10 wa St	200 005	18.4%	92,000	9.27
ፈ	61	California St	E. Main St to lowa St	999,995	18 4%	120,000	12.09
д	63	Liberty St	Siskiyou Biva to Asniana St	350 000	18.4%	64,000	6.45
ជ	92	Faith Ave	Ashland St to Siskayou Blvd	000000	18 4%	4 000	0.40
Д.	99	Diane St	Clay St to Tolman Creek Rd	20,02	10.40	000'	0.00
Д	29	Frances Lane	Siskiyou Blvd to Oregon St	000,01	18.4%	2,000	07.0
. F	. 07	Carol	Patterson St to Hersey St	150,000	18.4%	78,000	79.7
ri t	9 6	Dealt G	Ashland St to Siskivou Blvd	000'059	18.4%	120,000	12.09
<b>У</b> 1	2 •	raik of	Nevada St to Orange Ave	200,000	18.4%	92,000	9.27
<b>0.</b> ,	4	Laurel St	Raith Ave to Siskivon Blvd	1,000,000	18.4%	184,000	18.53
Д	37	Clay St	The transfer of Main St	000'008	18.4%	147,000	14.81
Д	∞	Wimer St	Indinion way to iv. triain of	150,000	·	28,000	,
Ъ	62	Quincy St	Carneld of 10 Wightman of	250.000		46,000	4.63
д	64	Water St	Van Ness Ave to B St	100 000		18,000	1.81
Д	77	CSt	Fourth St to Fifth St	100,000		18,000	
д	73	Barbara St	Jaquelyn St to Tolman Creek Kd	350,000		46.000	,
Δ.	74	Roca St	Ashland St to Prospect St		'	000 01	
۾ ,	7.	Blaine St	Morton St to Morse Ave	100,000		<del>18,000</del>	1
ب ب	2 6	Dotterson Ct	Crisnin St to Carol St	100,001			
<b>7</b> . i	0 6	remeason of	Iown Ct to Holly St	100,000	18.4%	18,000	
Д	6/	Harrison of	Oat Vroll Dr to Road End	350,000	18.4%	64,000	•
<b>с</b> .	80	Spring Creek Dr	Garage Meadows Way to Siskivou Blvd	750,000	18.4%	46,000	1
<u> </u>	81		Wimer St to Grandview Dr		- 18.4%	1	
p.	10(2)	Scenic Dr		-			

City of Ashland, Transportation System Development Charge

Description         Development Driven         % Growth         Project Costs           Woodland Dr to Peachey Rd         -         18.4%         -           Mohawk St to Guthrie St         -         18.4%         -           Mohawk St to Guthrie Terminus         -         18.4%         -           Ashland St to Prospect St         -         18.4%         -           Terrace St to Auburn St         -         18.4%         -           Siskiyou Blvd to east side City Limits         -         18.4%         -           1500 N of Orange Ave to Orange Ave         -         18.4%         -           Siskiyou Blvd to Peachey Rd         -         18.4%         -           Siskiyou Blvd to Peachey Rd         -         18.4%         -           Sumnyriew Dr to Westwood St         -         18.4%         4,000           Scenic Dr to N. Main St         -         120,000         18.4%         4,000           Ashland St to E. Main St         -         120,000         18.4%         15,000           Oak St to Helman St         -         10,000         18.4%         22,000           Oak St to Helman St         -         80,000         18.4%         7,000           Oak St to Helman St
ity Limits  Ity Li
ininus  - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 190,000 18.4
Terminus St - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 10,000
anits  Ave  - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 10,000 18.4% - 10
City Limits  City Limits  Orange Ave  Orange Ave  Orange Ave  S11,200,000  S1,4%  - 18.4%  - 18.4%  - 18.4%  - 18.4%  Inus;  240,000  18.4%  Inus  Inu
be City Limits  18.4%  10.0 Crange Ave
18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% 20,000 18.4% 120,000 18.4% 60,000 18.4% 80,000 18.4% 80,000 18.4% 110,000 18.4% 110,000 18.4% 40,000 18.4% 50,000 18.4%
ge Ave - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 18.4% - 20,000 18.4% - 120,000 18.4% - 120,000 18.4% - 10,000 18.4% - 10,000 18.4% - 10,000 18.4% - 10,000 18.4% - 190,000 18
\$11,200,000 \$0 \$2,0  20,000 18.4%  240,000 18.4%  60,000 18.4%  80,000 18.4%  110,000 18.4%  110,000 18.4%  40,000 18.4%  50,000 18.4%  50,000 18.4%
\$11,200,000 \$0 \$2,0  20,000 18.4% 240,000 18.4% 60,000 18.4% 80,000 18.4% 80,000 18.4% 80,000 18.4% 40,000 18.4% 50,000 18.4%
20,000 18.4% lker Ave t t 8,000 18.4% slyd Ave 110,000 18.4% 80,000 18.4% t t 190,000 18.4% 80,000 18.4% 80,000 18.4% 81,000 18.4% 82,000 18.4% 83,000 18.4% 83,000 18.4% 83,000 18.4% 83,000 18.4% 83,000 18.4%
240,000 18.4% 120,000 18.4% 60,000 18.4% 80,000 18.4% 110,000 18.4% 80,000 18.4% 40,000 18.4% 50,000 18.4%
120,000 18.4% 60,000 18.4% 80,000 18.4% 110,000 18.4% 190,000 18.4% 40,000 18.4% 50,000 18.4%
60,000 18.4% 80,000 18.4% 110,000 18.4% 80,000 18.4% 190,000 18.4% 40,000 18.4%
80,000 18.4% 110,000 18.4% 80,000 18.4% 190,000 18.4% 40,000 18.4% 50,000 18.4%
110,000 18.4% 80,000 18.4% lvd 190,000 18.4% 9 Rd 40,000 18.4% 1vd 50,000 18.4%
80,000 18.4% Ivd 190,000 18.4% y Rd 40,000 18.4% Ivd 50,000 18.4%
lyd 190,000 18.4% y Rd 40,000 18.4% lyd 50,000 18.4%
40,000 18.4% 50,000 18.4%
50,000 18.4%
Orchid Ave to Tolman Creek Rd 368,000
Retrofit Bicycle Program 9,000 9,000

City of Ashland, Transportation System Development Charge

Table 7	7				Eligible SDC Projects	Projects	
	!			High, Medium		SDC Eligible	SDC
Type*	#	Street	Description	Development Driven	% Growth	Project Costs	By Project
۶	ų	Monle/Comic/Mittley	N Main St to Winhum Wav	110,000	18.4%	20,000	2.01
α ρ	J [	Indiana Ct	Sistivon Blvd to Oregon St	20,000	18.4%	4,000	0.40
<b>Q</b> Ø	22	Sth St	A St to F. Main St	20,000	18.4%	4,000	0.40
<b>Q</b> Ø	ט א	Oregon/Clark St	Indiana St to Harmony Lane	40,000	18.4%	7,000	0.71
ם מי	3 %	Nevada St	Vansant St to N. Mountain Ave	230,000	18.4%	42,000	4.23
j k	, 0	Ashland St	Morton St to University Way	30,000	18.4%	6,000	09.0
μ	25	Tolman Creek Rd	Siskiyou Blvd to Green Meadows Way	100,000	18.4%	18,000	1.81
Ω	37	Clav St	Siskiyou Blvd to Mohawk St	20,000	18.4%	4,000	0.40
ıμ	. ~	N. Main St	Jackson Rd to Helman St	260,000	18.4%	48,000	4.83
a E	, q	New Trail	Clay St to Tolman Creek Rd	400,000	18.4%	74,000	•
<u> </u> 4	<b>4</b>	Glenn St/Orange Ave	M. Main St to Proposed Trail	40,000	18.4%	<del>000't</del>	ı
a cc	4	Laurel St	Orange St to Nevada St	40,000	18.4%	7,000	0.71
μ	20	Water St	Hersey St to N. Main St	30,000	18.4%	6,000	09'0
Д	14	A St	Oak St to 6th St	1	18.4%	1	1
Ω	21	Oak St	Nevada St to E. Main St	1	18.4%	ı	ı
щ	22	Clay St	E. Main St to Ashland St	1	18.4%	ı	•
щ	24	Clover Lane	Ashland St to Proposed Bike Path		18.4%	•	1
Д	30	Ashland St	I-5 Exit 14 SB to Hwy 66	1	18.4%		1
В	35	Railroad Property	Proposed Bike Path to N. Mountain Ave	-	18.4%	1	•
В	4	Glendower St	Bear Creek Greenway to Nevada St		18.4%	•	•
д	9	Winburn Way	Calle Guanjuato to Nutley St	1	18.4%	•	•
, pr	00	Morton St	E. Main St to Ashland St	•	18.4%	•	1
, pa	12	Wightman St	Road End to E. Main St	•	18.4%	t	1
, д	28	Clay St	Rail Line to Siskiyou Blvd	•	18.4%	1	
, μ	34	1st St	A St to E. Main St	•	. 18.4%	1	1
T Y	, m	New Trail	New Trail to Hersey St	900,022	18.4%	40,000	ı

City of Ashland, Transportation System Development Charge

1,717	ŗ				Eligible SDC Projects	Projects	
1201	‡ م	Atree	Description	High, Medium Development Driven	% Growth	SDC Eligible Project Costs	SDC By Project
1 ype	‡ ·	133 IIG	A Ct to Clear Crook Dr Extension	000'011	18.4%	000'02	ı
*	4	New trait Total Bicycle Projects		\$3,940,000	18.4%	\$725,000	\$73.01
		•					
		7	Establish Transit Hubs	1,000,000	18.4%	184,000	18.53
ч	14-16	VN VN VI	Support Circulator Svc	2,750,000	18.4%	206,000	50.96
		Total Transit Projects		\$3,750,000	18.4%	900,069	\$69.49
ď	9	Gialdivon Blyd	Hiohway 66 to Beach St	35,000	18.4%	6,000	09.0
nα	۲ ۲	Main St (OR 99)	Helman St to Sheridan St	75,000	18.4%	14,000	1.41
מ מ	n u	Ciplings Blod	A shland St to Tolman Creek Rd	75,000	18.4%	14,000	1.41
n c	n 4	Siskiyou bivu	Siskivon Blvd to Tolman Creek Rd	75,000	18.4%	14,000	1.41
v c	0 0	Ashland St (OR 66)	Clay St to Washington St	20,000	18.4%	4,000	0.40
nα	א נ	F Main St	Siskiyou Blvd to Wightman St		18.4%	t	1
a	•	Studies Subtotal		\$280,000	18.6%	52,000	\$5.23
¢	ŗ	n North St. Rvt	Rear Creek to Kestrel Pkwv	5,481,000	18.4%	1,009,000	101.62
<b>×</b> ¢	7	Welker Ave Festival St	Walker Ave to Normal St	780,000	18.4%	144,000	14.50
¥ 6	5 6	Walkel Averestival St	N Main St Temporary Diet	1	. 0.0%	,	•
ፈና	ט ע	Ciclings Plad (OP 66)	I ithia Way (OR 99 NB) / E. Main St	20,000	18.4%	000,6	0.91
<b>~</b> 6	n 4	Siskiyou Bivd (OR 66)	Tolman Creek Rd	61,000	18.4%	11,000	
ፈ ዕ	> ∝	Ashland St (OR 66)	Oak Knoll Dr / E. Main St (realignment)	706,000	18.4%	130,000	13.09
4	0	Consuma or (Ox oc)		-			

City of Ashland, Transportation System Development Charge

Toble	E.				Eligible SDC Projects	Projects	
Tant	ر بن			High, Medium		SDC Eligible	SDC
Tyne*	#	Street	Description	Development Driven	% Growth	Project Costs	By Project
34.7	2						
٩	3,0	Washington St Ext	Washington St Tolman Creek Rd	1,835,000	100.0%	1,835,000	184.81
4 1	3 :	Masmington Comme	Normal Ave to F. Main St	2,705,000	18.4%	498,000	50.16
<b>પ</b> 1	7,	NOTHER AVE EXI	Main St Permanent Diet	200,000	18.4%	37,000	3.73
<b>~</b>	36	N. Main St	Gisting Blud to Walker Ave Streetscane	1,100,000	18.4%	-202,000	•
o¥.	<b>A</b>	Asmand St	TY: O+ / Homes: Q+		18.4%	1	•
ል	7	N. Main St	Willier of / reason of		18 4%		,
씸	6	Ashland St (OR 66)	Oak Knoll Dr / E. Main St (roundadout)		10.4%		•
¥	111.	Lithia Way (OR 99 NB)	Oak Street		16.4%	1 000 000	1000
A.	45	New Roadway (F)	Washington St to New Roadway (E)	1,199,000	25.0%	300,000	30.21
, Δ	30	Ashland St	Walker Ave to Normal Ave Streetscape	1,300,000	18.4%	239,000	74.0/
4 6	, ;	New Posduray (F)	Mistletoe Rd to Siskiyou Blvd (OR 99)	4,322,000	75.0%	3,242,000	326.52
<b>પ</b> 1	4 4	Teller Croft	Mistletoe Rd Streetscape	3,478,000	50.0%	1,739,000	175.14
<b>પ્ર</b> ા	4 .	Column Cleek	Da+1/ C+	296,000	18.4%	54,000	5.44
አ	13	Siskayou Biva (OK 99)	Tain of Creek By Ottoetecane	1,500,000	50.0%	750,000	75.54
r K	.41	Ashland St	TOURISH CLOCK AND DESCRIPTION	1 500 000		276,000	27.80
<b>x</b>	42	E. Main St	N. Mountain Ave Successorpe	303,005,		72,000	7.25
ద	12	Siskiyou Blvd (OR 99)	Sherman St	371,000		40 000	4.03
ద	14	Siskiyou Blvd (OR 99)	Terra Ave / Faith Ave	210,000		1 752 000	176.20
ø	24	Clear Creek Dr Ext	Oak St to N. Mountain Ave	2,505,000	Λ	1,235,000	120.20
æ	56	New Roadway (D)	E. Main St to Ashland St (OR 66)	2,422,000		• 6	1 6
¦ ¤	29	Washington St Ext	Washington St to Benson Way	1,301,000	•	97/6,000	98.30
px	31	Wimer St Ext	Wimer St to Ashland Mine Rd	3,125,000	18.4%	000,678	57.91
; <u>c</u>	20	Creek Dr Ext	Meadow Dr to Normal Ave	•		1	1
΄ α	22	New Roadway (B)	Clay St to Tolman Creek Rd	•		•	•
<u>~</u>	23	New Roadway (C)	McCall Dr to Engle St			1	
; α	77	Grizzly Dr Ext	Jacquelyn St to Clay St	-		•	•
4 A≃	28	•	Parkside Dr to Helman St			•	1
<u>~</u>	30		Kirk Lane to N. Mountain Ave		1	1	ı
, ,	3						

City of Ashland, Transportation System Development Charge

Table 7	7				Eligible SDC Projects	Projects	
				High, Medium		SDC Eligible	SDC
Type*	*	Street	Description	Development Driven	% Growth	Project Costs	By Project
,	, c	o Votes Divers Det	Kestrel Pkwy to N. Mountain Ave (at Nepenthe			ı	ı
¥	75	Mesuci I Awy DAI	Rd) w w w w w w				
×	34	Railroad Property	Existing Adjacent Streets to End of Property			t	ı
ρź	46	Ivy Lane Ext	Ivy Lane to Waterline Rd	1		ľ	•
2	47	Mary Jane Ave Ext	Mary Jane Ave to S. UGB then E. to Clay St	1			1
<b>¤</b>	48	Forest St Ext	Between Existing Segments of Forest St	ľ			1
~	49	Croman Mill District	Croman Mill District Connectivity	t		•	1
×	20	E. Main St	Between Walker & Clay Streets	2,828,000	20.0%	1,414,000	142.41
:	1	Total Intersection & Roadway Improvements	dway Improvements	38,201,000	38.2%	14,603,000	\$1,470.75
						1	1
		Total Roadway & Intersection Improvements	tion Improvements	\$38,481,000	38.1%	\$14,655,000	\$1,475.98
				000	)00 00 t	000	20.03
×		4th St	Crossing	000,000	100.0%	200,000	00.00
×	7	Washington St	Crossing	1,000,000	100.0%	1,000,000	100.72
<b>:</b> ×	1 (*)	Normal Ave	Crossing Upgrade	1,316,253	100.0%	1,316,000	132.54
1	1	Total Railroad Crossing Projects	Projects	\$2,816,253	100.0%	\$2,816,000	\$283.62
		Grand Total		\$60,317,253	34.8%	\$20,971,000	\$2,112
		•					

<sup>\*</sup>Type and # correspond to those in the TSP.
- No cost estimate; assumes improvements will be paid by developer

City of Ashland, Transportation System Development Charge

City of Ashland, Transportation System Development Charge

	φį	%		%8-	675%	219%	-28%	48%	:	62%	389%	231%	113%	148%	573%		165%	155%	123%	115%	136%	156%	154%	524%	1194%
	Difference	69		(\$165.66)	\$1,545.17	\$10,444.19	(\$655.95)	\$252.90		\$599.48	\$9,339.94	\$7,404.30	\$6,249.08	\$5,977.70	\$16,255.96		\$5,124.21	\$5,001.07	\$4,547.13	\$4,408.27	\$4,752.20	\$5,020.69	\$4,994.96	\$32,790.46	\$92,180.08
ate	S /PM Peak-hour trip	\$2,112		\$1,985.38	\$1,774.17	\$15,207.19	\$2,450.05	\$781.48		\$1,562.96	\$11,743.33	\$10,602.79	\$11,764.45	\$10,011.40	\$19,093.47		\$8,237.23	\$8,237.23	\$8,237.23	\$8,237.23	\$8,237.23	\$8,237.23	\$8,237.23	\$39,052.91	\$99,902.80
Update	PM Peak- hour trip	Rate		0.94	0.84	7.20	1.16	0.37		0.74	5.56	5.02	5.57	4.74	9.04		3.90	3.90	3.90	3.90	3.90	3.90	3.90	18.49	47.30
ent	s/ ADT	\$214		2151.04	229.00	4,763.00	3,406.00	528.58		963.48	2,403.39	3,198.49	5,515.37	4,033.70	2,837.51		3,113.02	3,236.16	3,690.10	3,828.96	3,485.03	3,216.54	3,242.27	6,262.45	7,722.72
Current	Adjusted Avg. Weekday Trip	Rate		10.07	1.06	22.30	15.94	2.47		4.50	11.23	14.95	25.77	18.85	13.26		14.55	15.12	17.24	17.89	16.29	15.03	15.15	29.26	36.09
		Unit(*)		1,000 sf GFA	Student	1,000 sf GFA	1,000 sf GFA	Occupied Bed		Occupied Room	1,000 sf GFA	1,000 sf GFA	1,000 sf GFA	1,000 sf GFA	1,000 sf GFA		1,000 sf GFA	1,000 sf GFA	1,000 sf GFA	1,000 sf GFA	1,000 sf GFA	1,000 sf GFA	1,000 sf GFA	1,000 sf GFA	1,000 sf GFA
	ITE	Land Use Code		260	565	290	610	620		310	812	814	815	816	817	820	820	820	820	820	820	820	820	832	833
Table 8		ITT I and Vice	IIIE LAMO OSC	Church	Day Care Center/Preschool	Library	Hosnital	Nursing Home	BUSINESS & COMMERCIAL	Hotel/Motel	Building Materials/Lumber	Specialty Retail Center	Discount Stores	Hardware/Paint Stores	Nursery-Retail	Shopping Center	(under 50,000 sf GFA)	(50,000 - 99,999 sf GFA)	(100 000 - 199 999 sf GFA)	(200,000 - 299,999 sf GFA)	(300 000 - 399,999 sf GFA)	(400 000 - 499,999 sf GFA)	(500 000 - 599 999 sf GFA)	High Tumover Sit-Down Restaurant	Fast Food Restaurant

City of Ashland, Transportation System Development Charge

Page 23

Table 8			Current	ent	Update	ate		
	ITE		Adjusted Avg. Weekday Trip	\$/ ADT	PM Peak- hour trip	S /PM Peak-hour trip	Difference	g)
	Land Use Code	Unit(*)	Rate	\$214	Rate	\$2,112	ક્ક	%
		The same of the sa				6	· · · · · · · · · · · · · · · · · · ·	ò
	841	1,000 sf GFA	21.56	4,613.73	2.80	55,913.91	\$1,500.18	78%
	844	Gasoline Pump	2.68	1,644.14	15.65	\$33,054.52	\$31,410.38	1910%
	850	Employee	99:5	1,210.30	8.37	\$17,678.36	\$16,468.06	1361%
	851	1.000 sf GFA	20.66	4,422.04	36.22	\$76,500.62	\$72,078.58	1630%
	853	Gasoline Pump	13.68	2,927.85	19.98	\$42,199.96	\$39,272.11	1341%
	870	1.000 sf GFA	11.49	2,459.23	4.20	\$8,870.86	\$6,411.63	261%
	068	1,000 sf GFA	1.59	341.32	0.53	\$1,119.42	\$778.10	228%
	911	1,000 sf GFA	17.93	3,836.54	Ϋ́Υ			
	912	1,000 sf GFA	24.80	5,306.59	26.69	\$56,372.22	\$51,065.63	%296
				6				
	630	1,000 sf GFA	12.61	7,698.26	A A			
				,			1	
	710	1,000 sf GFA	10.78	2,306.28	1.49	\$3,147.04	\$840.76	36%
	710	1,000 sf GFA	9.12	1,951.57	1.49	\$3,147.04	\$1,195.47	61%
	710	1,000 sf GFA	7.70	1,648.34	1.49	\$3,147.04	\$1,498.70	%16
	720	1,000 sf GFA	18.11	3,875.56	4.27	\$9,018.71	\$5,143.15	133%
	730	1,000 sf GFA	66.17	14,160.98	1.49	\$3,147.04	(\$11.013.94)	-78%
	731	1,000 sf GFA	159.38	34,107.15	19.93	\$42,094.35	\$7,987.20	23%
	732	1,000 sf GFA	83.64	17,897.93	14.67	\$30,984.65	\$13,086.72	73%
	092	1,000 sf GFA	5.16	1,104.03	1.07	\$2,259.96	\$1,155.93	105%
	770	1,000 sf GFA	9.63	2,060.37	1.26	\$2,661.26	\$600.89	75%
			<del>.</del>					

City of Ashland, Transportation System Development Charge

	93	%	37%	7667	%9	72%	-19%	77%		%95
	Difference	8	\$610.51	\$1,076.71	\$103.60	\$661.31	(\$219.19)	\$202.15		\$392.59
ate	\$ /PM Peak-hour trip	\$2,112	\$2,281.08	\$1,436.23	\$1,774.17	\$1,584.08	\$950.45	\$464.66		\$1,098.30
Update	PM Peak- hour trip	Rate	1.08	89.0	0.84	0.75	0.45	0.22	Z A	0.52
ent	s/ ADT	\$214	1,670.57	359.52	1,670.57	922.77	1,169.64	262.51	226.84	705.71
Current	Adjusted Avg. Weekday Trip	Rate	7.81	1.68	7.81	4.31	5.47	1.23	1.06	3.30
		Unit(*)	1,000 sf GFA	1,000 sf GFA	1,000 sf GFA	1,000 sf GFA	1,000 sf GFA	1,000 sf GFA	Employees	1,000 sf GFA
	ITE	Land Use Code	110	120	130	140	150	151	170	098
Table 8		ITE Land Use	Canaral 1 ircht Industrial	General Heavy Industrial	Transferial Park	Menifecturing	Watehouse	Watchouse Mini-Warehouse	Titilities	Wholesale

### APPENDIX TABLES

ITE Trip Generation, 9th Edition PM Peak-Hour Trip Rates

Annen	ndix Table		PM Pe	ak-hour	Trips
ITE		Unit!	Average	Low	High
Code	Land Use Intermodal Truck Terminal	1,000 SF GFA	0.83		
30	General Light Industrial	1,000 SF GFA	1.08	0.36	4.50
110	General Heavy Industrial	1,000 SF GFA	0.68	0.49	0.78
120	Industrial Park	1,000 SF GFA	0.84	0.13	2.95
130		1,000 SF GFA	0.75	0.09	7.85
140	Manufacturing	1,000 SF GFA	0.45	0.16	1.65
150	Warehousing	1,000 SF GFA	0.29	0.13	0.50
151	Mini-Warehouse	1,000 SF GFA	0.16	0.07	0.27
152	High-Cube Warehouse	1,000 SF GFA	0.14	0.08	0.19
160	Data Center*	1,000 SF GFA			
170	Utilities	1,000 SF GFA	0.25		
435	Multipurpose Recreational Facility	1,000 SF GFA			
437	Bowling Alley	1,000 SF GFA	38.67		
440	Adult Cabaret	1,000 SF GFA	14.05		
443	Movie Theater - no Matinee	1,000 SF GFA			
465	Ice Skating Rink	1,000 SF GFA			
473	Casino/Video Lottey Establishment	1,000 SF GFA	0.84	0.70	1.06
491	Racquet/Tennis Club	1,000 SF GFA	4.06	3.27	4.30
492	Health/Fitness Club	1,000 SF GFA	5.84	3.85	6.36
493	Athletic Club	1,000 SF GFA	3.35	2.31	5.37
495	Recreational Community Center	1,000 SF GFA	3.11	0.94	6.06
520	Elementary School	1,000 SF GFA	2.52	0.68	10.8
522	Middle School/Junior High School	1,000 SF GFA	2.12	0.98	5.14
530	High School	1,000 SF GFA	6.53	4.17	9.00
534	Private School (K-8)	1,000 SF GFA	• • • • • • • • • • • • • • • • • • • •		
536	Private School (K-12)	1,000 SF GFA	2.64	1.06	3.46
540	Junior/Community College	1,000 SF GFA	0.94	0.38	4.04
560	Church	1,000 SF GFA	1.69		
561	Synagogue	1,000 SF GFA	11.02		
562	Mosque*	1,000 SF GFA	13.75	3.95	39.1
565	Day Care Center	1,000 SF GFA	11.39		
571	Prison	1,000 SF GFA	7.20	4.00	11.7
590	Library	1,000 SF GFA	1.16	0.66	7.63
610	Hospital	1,000 SF GFA	1.01	0.58	1.20
620	Nursing Home	· ·	1.01	2.20	
630	Clinic	1,000 SF GFA			

hnen	dix Table		PIVI PE	k-hour	TTIPS
ITE		Unit '	Average	Low	High
Code	Land Use Animal Hospital/Veterinary Clinic	1,000 SF GFA			om de la co
640	General Office Building	1,000 SF GFA	1.49	0.49	6.39
710		1.000 SF GFA	1.41	0.52	2.67
714	Corporate Headquarters Building	1,000 SF GFA	1.74	0.79	5.14
715	Single Tenant Office Building	1,000 SF GFA	4.27	2.21	7.60
720	Medical-Dental Office Building	1,000 SF GFA	11.03		ann a 40 Na 1990
730	Government Office Building	1,000 SF GFA	19.93	13.78	31.9
731	State Motor Vehicles Department	1,000 SF GFA	14.67	3.46	82.8
732			3.59		
733	Government Office Complex	1,000 SF GFA	1.48	0.64	4.50
750	Office Park	1,000 SF GFA	1.07	0.40	4.13
760	Research & Development Center	1,000 SF GFA	1.26	0.55	2.97
770	Business Park	1,000 SF GFA	1; <b>20</b>	ڊڊد.ن	والروبيد
810	Tractor Supply Store*	1,000 SF GFA		, a xazq	
811	Construction Equipment Rental Store*	1,000 SF GFA	usida a finis 900 d	4.00	710
812	Building Materials & Lumber Store	1,000 SF GFA	5.56	4.33	7.18
813	Free-Standing Discount Superstore	1,000 SF GFA	4.40	2.05	7.40
814	Variety Store*	1,000 SF GFA	6.99	3.52	13.9
815	Free-Standing Discount Store	1,000 SF GFA	5.57	3.17	9.44
816	Hardware/Paint Store	1,000 SF GFA	4.74	3.98	8.2
817	Nursery (Garden Center)	1,000 SF GFA	9.04	2.46	30.2
	Nursery (Wholesale)	1,000 SF GFA	5.00	1.05	29.0
818	Factory Outlet Center	1,000 SF GFA	1.94	1.57	3.20
823		1,000 SF GFA	2.80	0.89	5.4
841	Automobile Sales	1,000 SF GFA			
842	Recreational Vehicle Sales*	1,000 SF GFA	6.44	4.33	7.6
843	Automobile Parts Sales	1,000 SF GFA	3.26	1.62	8.1
848	Tire Store	1,000 SF GFA	2.58	1.63	3.4
849	Tire Superstore	1,000 SF GFA	8.37	4.55	18.6
850	Supermarket	1,000 SF GFA	53.42	20.83	79.0
851	Convenience Mart, 24 hour	1,000 SF GFA	36.22	15.83	
852	Convenience Mart, 15-16 hour	1,000 SF GFA	62.57	19.54	292.
853	Convenience Mart + Gas Pumps		8.13	5.67	10.8
854	Discount Supermarket	1,000 SF GFA	4.63	2.42	9.6
857	Discount Club	1,000 SF GFA	0.52		
860	Wholesale Market	1,000 SF GFA			
861	Sporting Goods Superstore	1,000 SF GFA	0.17	1.96	- 5 9
862	Home Improvement Superstore	1,000 SF GFA	3.17		5.7
863	Electronics Superstore	1,000 SF GFA	4.50	3.45	
864	Toy/Children's Superstore	그 전 경기를 가는 것이 모든 모든 것이다. 얼마나 가는 것이 없는 것이 없다.	San	a, iji sa sa	
865	and the same of th	1,000 SF GFA	ing a second	- VI 47 V	1774
866	on the self-region to the territories of the first of the self-region	1,000 SF GFA	2.19		
867	Off Committee Comparetors	1,000 31 OTA	and the contract of	AL POS	
	Book Superstore	1,000 SF GFA	10.66		
868 869	Discount Home Furnishing Superstore	1,000 SF GFA			

nnend	lix Table		PM Pe	ak-hour	Trips
TE Code	Land Use	Unit 1	Average	Low	High
372	Bed & Linen Superstore	1,000 SF GFA	2.01	1.68	4.70
375	Department Store	1,000 SF GFA	2.81	1.78	6.80
376	Apparel Store	1,000 SF GFA	4.20	1./8	0.60
379	Arts & Crafts Store	1,000 SF GFA	6.85	4.24	24.00
380	Pharmacy/Drugstore	1,000 SF GFA	11.07	7.47	13.48
381	Pharmacy/Drugstore + Drive-Thru	1,000 SF GFA	9.72	6.50	
390	Furniture Store	1,000 SF GFA	0.53	0.09	1.70
396	DVD/Video Rental Store	1,000 SF GFA	31.54		2300
397	Medical Equipment Store*	1,000 SF GFA	1.24		
911	Walk-in Bank	1,000 SF GFA	n seat i		Secondo
912	Drive-in Bank	1,000 SF GFA	26.69	7.14	68.50
918	Hair Salon^	1,000 SF GFA	1.93	r 1818 (1812)	Server.
920	Copy, Print & Express Ship Store	1,000 SF GFA	12.27	12 P	20.0
925	Drinking Place	1,000 SF GFA	15.49	3.73	29.9
.44	Quality Restaurant	1,000 SF GFA	9.02	3.24	15.8
931	High-Turnover Sit-Down Restaurant	1,000 SF GFA	18.49	5.60	69.2
932	Fast-Food Restaurant	1,000 SF GFA	52.40	29.05	112.0
933	Fast-Food Restaurant + Drive-Thru	1,000 SF GFA	47.30	13.33	158.4
934	Fast-Food Restaurant + Drive-Thru (no indoor seating)	1,000 SF GFA			
935	Coffee/Donut Shop	1,000 SF GFA	25.81	18.19	39.1
936	Coffee/Donut Shop + Drive-Thru	1,000 SF GFA	36.16		60.5
937	Coffee/Donut Shop + Drive-Thru (no indoor seating)	1,000 SF GFA	96.00	50.00	150.0
938		1,000 SF GFA			
939	Bread/Donut/Bagel Shop	1,000 SF GFA			
940	Bread/Donut/Bagel Shop + Drive-Thru Automobile Parts & Service Center	1,000 SF GFA			ું કે જિલ્લો
943	Gasoline/Service Station + Convenience Mart	1,000 SF GFA	97.14	27.86	451.
945		1,000 SF GFA			
948	Automated Car Wash	1,000 SF GFA			
950	Truck Stop*	1,000 SF GLA			
820	Shopping Center	1,000 SF GLA	5.02	4.59	6.1
826	Specialty Retail Center (formerly Code 814)	1,000 SF GLA (occupied)	3.51	2.75	
942	Automobile Care Center	1,000 SF Net Rentable Area		0.14	0.3
151	Mini-Warehouse	Acre			n V
10	Waterport/Marine Terminal	Acre	7.24	6.27	8.3
30	Intermodal Truck Terminal	Acre			t. Asia
90	Park & Ride Lot + Bus Service	Acre	8.77	1.32	31.2
110	General Light Industrial General Heavy Industrial		4.22	1.26	
120		Acre	8.39	2.07	45.4
130	Industrial Park Manufacturing	Acre	9.21	0.62	
140		Acre	8.77	3.80	
150	Warehousing	Acre	3.89	1.29	6.9
151	MIMI-Materiorise	Acre	2.73	0.36	10.
210	Single-Family Detached Housing	Acre	4.61	1.24	10.
240	Mobile Home Park	The state of the s			

	dix Table				
TE ode	Land Use	Unit !	Average	Low	High
60	Recreational Homes	Acre	0.14	0.08	1.33 4.93
70	Residential Planned Unit Development	Acre	4,13	3.44	4.93
11	City Park	Acre	4.50	0.00	F 20
12	County Park	Acre	0.59	80.0	3.30
13	State Park	Acre	er er i statisk i st Bartisk i statisk i	- 2 3 A	106
15	Beach Park	Acre	0.60		1.35
17 17	Regional Park	Acre	0.26	0.11	1.33
18	National Monument	Acre	0.51		(aleter
20	Marina	Acre	en e	a is us	
20 30	Golf Course	Acre	0.39	0.30	0.63
30 · 35	Multipurpose Recreational Facility	Acre	11.54	i min k	
52	Horse Racetrack	Acre	0.22		1
	Arena	Acre			
60	Zoo	Acre			
81	Tennis Courts	Acre	1.79		
90		Acre	1.64		
66	Cemetery	Acre	28.28	15.25	88.4
50	Office Park Research & Development Center	Acre	15.44	2.42	284.0
60		Acre	16.84	2.31	32.5
70	Business Park Construction Equipment Rental Store*	Acre		NP 15	
11		Acre	55.64	45.71	101.
16	Hardware/Paint Store	Acre	10.49	2.40	41.6
317	Nursery (Garden Center)	Acre	0.53	0.16	2.50
318	Nursery (Wholesale)	Acre	9.94		
360	Wholesale Market	Acres	4.11		
180	Amusement Park	Attendee	0.22		
452	Hörse Racetrack	Attendee			
453	Automobile Racetrack	Attendee	0.41		
454	Dog Racetrack	Avg Flights / Day		5,12	7.8
21	Commercial Airport	Avg Flights / Day	make the second of the second	0.17	0.3
22	General Aviation Airport	Based Aircraft	0.52	0.31	0.6
22	General Aviation Airport	Based Ancian	0.35	0.16	0.8
254	Assisted Living	Bed	1.60	0.80	5.7
610	Hospital	Bed	0.37	0.21	0.5
620	Nursing Home	Berth	0.21	0.18	0.3
420	Marina	the contract of the contract o	andrak (1994)		
433	Batting Cages	Cage Commercial Fligh	its/Day 8.20	6.93	8.8
21	Commercial Airport	Commercial Filgi			v Pi
490	Commercial Airport Tennis Courts		4.38	1.73	7.2
491	Racquet/Tennis Club	Court	the contract of the contract o	8.50	4 2 25 700
912	Drive-in Bank	Drive-In Lane	1,02	0.42	2.9
210	Single-Family Detached Housing	Dwelling Unit	0.67	0.10	
220		Dwelling Unit		0.10	
222	High-Rise Apartment	Dwelling Unit	0.40	0.50	0.2

	idix Table				
TE ode	Land Use	Unit 1	Average	Low	High
223	Mid-Rise Apartment	Dwelling Unit	0.44	0.19	0.60
224	Rental Townhouse	Dwelling Unit	0.73	- A 460	1.04
230	Condo/Townhouse	Dwelling Unit	0.52	0.18	1.24
231	Low-Rise Residential Condo/Townhouse	Dwelling Unit	0.64	0.46	0.79
232	High-Rise Residential Condo/Townhouse	Dwelling Unit	0.38	0.33	0.50 1.01
251	Senior Adult Housing - Detached	Dwelling Unit	0.34	0.20 0.24	0.53
252	Senior Adult Housing - Attached	Dwelling Unit	0.35	0.16	0.21
53	Congregate Care Facility	Dwelling Unit	0.20	0.16	1.33
60	Recreational Homes	Dwelling Unit	0.31	0.23	ولدوا الد
65	Timeshare	Dwelling Unit	0.72	0.59	1.1
70	Residential Planned Unit Development	Dwelling Unit		0.90	1.60
21	Commercial Airport	Employee	1.00 1.46	0.90	2.2
22	General Aviation Airport	Employee	164.00	0.62	0.3
30	Intermodal Truck Terminal	Employee	0.51	0.36	1.1
10	General Light Industrial	Employee	0.40	0.22	1.1
20	General Heavy Industrial	Employee	0.45	0.26	1.3
30	Industrial Park	Employee	0.40	0.24	1.1
40	Manufacturing	Employee	0.40	0.24	2.2
50	Warehousing	Employee	0.35	0.57	
52	High-Cube Warehouse	Employee	0.55 (1)	er (talia	
70	Utilities	Employee	0.55	0.30	1.0
54	Assisted Living	Employee	0.90	0.51	1.9
10	Hotel	Employee	7.60	6.58	9.5
12	Business Hotel	Employee	1.24	0.48	4.0
20	Motel	Employee	0.31	0.40	0.8
30	Resort Hotel	Employee	12.77	7.41	32.
17	Regional Park	Employee	5.58		
18	National Monument	Employee	and the second s	1.92	2.5
30	Golf Course	Employee	6.71		
132	Golf Driving Range	Employee Employee	9.56		
43	Movie Theater - no Matinee	Employee	,, 1,2 1,10,00	***************************************	
152	Horse Racetrack	Employee			
160	Arena	Employee	0.52	,	
480	Amusement Park	Employee			
181		Employee	7.33		
190	Tennis Courts Racquet/Tennis Club	Employee		1.65	8.0
191		Employee	8.33		
193	Athletic Club	Employee	3.16		
195	•	Employee	0.37	0.30	0.4
501	Military Base	Employee	3.41	1.03	6.6
520		Employee	2.97	1.23	4.6
522	Middle School/Junior High School High School	Employee	3.23	1000	6.9

Appen	dix Table		PM Pe	ak-hour	Trips
ITE Code	Land Use	Unit <sup>1</sup>	Average	Low	High
534	Private School (K-8)	Employee	5.72	1.85	9.69
536	Private School (K-12)	Employee	3.82	3.18	4.56
540	Junior/Community College	Employee	1.49	0.83	3.29
550	University/College	Employee	0.85	0.49	3.08
561	Synagogue	Employee	3,27		
565	Day Care Center	Employee	5.12	1.13	14.00
566	Cemetery	Employee	13.57		
	化三甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	Employee	0.68	0.50	1.88
571	Prison Museum*	Employee	0.58		
580	a Della Clare and in Grand and a contract of the entire of the effect of the contract of the c	Employee	6.78	3.13	12.73
590	Library	Employee	4.05	54.10	
591	Lodge/Fraternal Organization	Employee	0.41	0.21	1.19
610	Hospital	<del>-</del> -	0.47	0.41	0.94
620	Nursing Home	Employee	0.47	0.78	1.38
630	Clinic we well a place of the entire the first of the entire	Employee		0.78	3.12
710	General Office Building	Employee	0.46		1.00
714	Corporate Headquarters Building	Employee	0.38	0.20	
715	Single Tenant Office Building	Employee	0.51	0.29	1.14
720	Medical-Dental Office Building	Employee	0.97	0.58	2.06
730	Government Office Building	Employee	1.91	- Page 154, 18	Name and State
731	State Motor Vehicles Department	Employee	5.35	3.24	7.58
732	United States Post Office	Employee	3.11	0.97	40.40
733	Government Office Complex	Employee	经内部总额		
750	Office Park	Employee	0.39	0.31	0.51
760	Research & Development Center	Employee	0.41	0.18	1.39
770	Business Park	Employee	0.39	0.24	1.01
812	Building Materials & Lumber Store	Employee	3.83	3.19	5.75
815	Free-Standing Discount Store	Employee	3.52	2.24	6.93
	Hardware/Paint Store	Employee	5.43	4.83	6.50
817	Nursery (Garden Center)	Employee	2.55	1.03	7.43
818	Nursery (Wholesale)	Employee	0.67	0.47	3.00
826	Specialty Retail Center (formerly Code 814)	Employee			
	Automobile Sales	Employee	0.96	0.48	1.93
848	Tire Store	Employee	•		
854	Discount Supermarket	Employee	3.24	2.57	3.86
	Discount Club	Employee	3,36	2.41	4.98
857	Wholesale Market	Employee	0.64		
860	The state of the s	Employee	1.27	0.55	3.50
890	Furniture Store Drive-in Bank	Employee	4.71	3.10	
912	Ditto in Built	Employee	6.63		
920	Copy, Print & Express Ship Store	Employee	1.43		
942	Automobile Care Center		0.07	in Sept. 1999	-31 F -
561	Synagogue	Family Member	18.36	0.71	26.50
488	Soccer Complex	Field			
853	Convenience Mart + Gas Pumps	Fueling Position	19.98	7.60	75.50

	dix Table		PM Pe	ak-hour	rips
ITE Code	Land Use	Unit 1	Average	Low	High
944	Gasoline/Service Station	Fueling Position	15.65	6.83	29.33
945	Gasoline/Service Station + Convenience Mart	Fueling Position	13.57	4.25	57.80
946	Gasoline/Service Station + Convenience Mart + Car Wash	Fueling Position	14.62	7.00	26.71
630	Clinic	Full-time Doctor	4.43	4.40	4.44
430	Golf Course	Hole	3.56	3.42	3.83
431	Miniature Golf Course	Hole			,.,
437	Bowling Alley	Lane	4.50		
466	Snow Ski Area*	Lift	32.50	* **	
493	Athletic Club	Member	0.17		
495	Recreational Community Center	Member	0.02		
591	Lodge/Fraternal Organization	Member	0.03		
443	Movie Theater - no Matinee	Movie Screen	37.83		200
444	Movie Theater + Matinee	Movie Screen	37.83		
445	Multiplex Movie Theater	Movie Screen	25.84	13.33	69.45
254	Assisted Living	Occupied Bed	0.37	0.28	0.53
571	Prison	Occupied Bed	1.22		
416	Campground/RV Park	Occupied Camp Site	0.41	0.38	0.57
221	Low-Rise Apartment	Occupied Dwelling Unit	0.62	0.38	1.23
233	Luxury Condo/Townhouse	Occupied Dwelling Unit	0.65	0.60	0.72
240	Mobile Home Park	Occupied Dwelling Unit	0.60	0.39	1.07
252	Senior Adult Housing - Attached	Occupied Dwelling Unit	0.31	0.25	0.46
253	Congregate Care Facility	Occupied Dwelling Unit	0.21	0.21	0.21
265	Timeshare	Occupied Dwelling Unit			
90	Park & Ride Lot + Bus Service	Occupied Parking Space			
93	Light Rail Transit Station + Parking	Occupied Parking Space			
310	Hotel	Occupied Room	0.74	0.25	1.23
311	All Suites Hotel	Occupied Room	0.55	0.40	0.87
312	Business Hotel	Occupied Room	0.57	0.41	0.75
320	Motel	Occupied Room	0.69	0.29	1.33
330	Resort Hotel	Occupied Room	0.59	0.36	1.06
151	Mini-Warehouse	Occupied Storage Unit	0.02	0.02	0.03
255	Continuing Care Retirement Community^	Occupied Unit			
90	Park & Ride Lot + Bus Service	Parking Space			
93	Light Rail Transit Station + Parking	Parking Space			
	Water Slide Park	Parking Space	0.28		
414		Person	0.27	0.12	0.68
210	Single-Family Detached Housing Apartment	Persons		0.19	0.77
220	Apartment  Low-Rise Apartment	Persons	0.33	0.22	0.65
221	Low-Rise Apartment High-Rise Apartment	Persons	0.20	0.18	0.26
222		Persons	0.24	0.15	0.57
230	Condo/Townhouse Mobile Home Park	Persons	0.27		0.47
240		Picnic Site	J.2.		s
411	City Park	Picnic Site		100	្រាត្តការស
413	State Park	FIGHIC SHE	With the first	10.545.4	*****

Annen	dix Table		PM Per	k-hour	Trips
ITE	Land Use	Unit 1	Average	Low	High
Code 417	Regional Park	Picnic Site			
	Hotel	Room	0.61	0.20	1,23
311	All Suites Hotel	Room	0.40	0.32	0.47
	- Motel	Room	0.56	0.24	1.83
330	Resort Hotel	Room	0.51	0.35	0.69
441	Live Theater	Seat			
443	Movie Theater - no Matinee	Seat	0.32		
445	Multiplex Movie Theater	Seat	0.28	45,85	40000
452	Horse Racetrack	Seat	0.11		
465	Ice Skating Rink	Seat			
560	Church	Seat		e e spege a tr	
931	Quality Restaurant	Seat	0.30	0.18	0.44
932	High-Turnover Sit-Down Restaurant	Seat	0.72	0.27	2.09
933	Fast-Food Restaurant	Seat	6.59		
934	Fast-Food Restaurant + Drive-Thru	Seat	1.62	0.26	4.79
937	Coffee/Donut Shop + Drive-Thru	Seat	0.90	0.31	1.88
848	Tire Store	Service Bay	5.65	3.33	8.00
849	Tire Superstore	Service Bay	3.87	2.38	6.17
941	Quick Lubrication Vehicle Shop	Service Bay	4.60	3.25	6.00
151	Mini-Warehouse	Storage Unit	0.03	0.02	0.05
520	Elementary School	Student	0.28	0.09	0.50
522	Middle School/Junior High School	Student	0.30	0.12	0.63
530	High School	Student	0.29	0.10	0.74
534	Private School (K-8)	Student	0.60	0.42	0.75
536	Private School (K-12)	Student	0.58	0.46	0.79
540	Junior/Community College	Student	0.12	0.08	0.20
550	University/College	Student	0.15	0.11	0.44
565	Day Care Center	Student	0.84	0.29	1.72
432	Golf Driving Range	Tee/Driving Position	1.65		
30	Intermodal Truck Terminal	Truck Berth	0,57		
255	Continuing Care Retirement Community	Unit	0.25	0.22	0.28
210	Single-Family Detached Housing	Vehicle	0.67	0.24	1.37
220	Apartment	Vehicle	0,61	0.32	1.19
230	Condo/Townhouse	Vehicle	0.31	0.17	0.66
240	Mobile Home Park	Vehicle	0.37	0.28	0.75
501	Military Base	Vehicle			
947	Self-Service Car Wash	Wash Stall	8.00		

### PM PEAK HOUR TRIPS

			#		TRIPS		Standard
ITE					Low	High	
Code	Land Use	Unit <sup>1</sup>	Studies2	Avg3	4	5	Deviation6
21	Commercial Airport	Employee	2	1.00	0.90	1.60	
22	General Aviation Airport	Employee	5	1.46	0.99	2.27	1.24
	ale etti etti Sila etti Sila etti etti Sila etti S			164.0		005	
30	Intermodal Truck Terminal	Employee	2	0	0.62	0.35	4.48
110	General Light Industrial	Employee	21	0.51	0.36	1.18	0.75
120	General Heavy Industrial	Employee	3	0.40	0.22	1.10	0.69
130	Industrial Park	Employee	37	0.45	0.26	1.36	0.70
140	Manufacturing	Employee	51	0.40	0.24	1.11	0.65
150	Warehousing	Employee	14	0.58	0.37	2.22	0.80
152	High-Cube Warehouse	Employee		0.35			
170	Utilities	Employee	. S. Jan. S. W. A. C.		rail tela	n edeka n	eri ngazayi ya
254	Assisted Living	Employee	14. TE. 17 (15.5)	0.55	0.30	1.09	0.76
310	Hotel	Employee	13	0.90	0.51	1.96	1.03
312	Business Hotel	Employee	3	7.60	6,58	9,50	2.99
320	Motel	Employee	13	1.24	0.48	4.00	1.37
330	Resort Hotel	Employee	4	0.31	0.20	0.82	0.58
417	Regional Park	Employee	3	12.77	7.41	32.00	9.07
418	National Monument	Employee	12311	5.58		RU Ç A	
430	Golf Course	Employee	3	2.08	1.92	2.56	1.45
432	Golf Driving Range	Employee	1.50	6.71		14.347	
443	Movie Theater - no Matinee	Employee	1	9.56			ري را د د
452	Horse Racetrack	Employee					इ.स.च्या ५ होती । वै
460	Arena	Employee			a san ar a	e yet e e ta	grand and a second
480	Amusement Park	Employee		0.52			
481	Zoo	Employee					
490	Tennis Courts	Employee	1	7.33	Services:		i vyšteti.
491	Racquet/Tennis Club	Employee	6	3.40	1.65	8.00	2.68
493	Athletic Club	Employee	1	8.33			
495	Recreational Community Center	Employee	1	3.16			
501	Military Base	Employee	8	0.37	0.30	0.49	0.61
520	Elementary School	Employee	33	3.41	1.03	6.68	2.24
522	Middle School/Junior High School	Employee	18	2.97	1.23	4.61	
530	High School	Employee	53	3.23	1.13	6.98	2.08
534	Private School (K-8)	Employee	6	5.72	1.85	9.69	3.54
536	Private School (K-12)	Employee	3	3.82	3.18	4.56	2.05
540	Junior/Community College	Employee	4	1.49	0.83	3.29	1.36
550	University/College	Employee	7	0.85	0.49	3.08	1.00
561	Synagogue	Employee		3.27			
565	Day Care Center	Employee	60	5.12	1.13	14.00	3.24
202	Day Care Contor	pj	1				

### PM PEAK HOUR TRIPS

			#		TRIPS		Standard
ITE					Low	High	
Code	Land Use	Unit 1	Studies2	Avg3	4	5	<b>Deviation6</b>
566	Cemetery	Employee	1	13.57			
571	Prison	Employee	2	0.68	0.50	1.88	
580	Museum*	Employee	1	0.58			
590	Library	Employee	10	6.78	3.13	12.73	3.82
591	Lodge/Fraternal Organization	Employee	1 1	4.05	113/11		
610	Hospital	Employee	18	0.41	0.21	1.19	0.67
620	Nursing Home	Employee	4	0.47	0.41	0.94	0.70
630	Clinic	Employee	3	0.86	0.78	1.38	0.95
710	General Office Building	Employee	173	0.46	0.16	3.12	0.70
714	Corporate Headquarters Building	Employee	20	0.38	0.20	1.00	0.63
715	Single Tenant Office Building	Employee	39	0.51	0.29	1.14	0.73
720	Medical-Dental Office Building	Employee	16	0.97	0.58	2.06	1.06
730	Government Office Building	Employee	1	1.91			
731	State Motor Vehicles Department	Employee	8	5.35	3.24	7.58	2.55
732	United States Post Office	Employee	11	3.11	0.97	40.40	4.70
733	Government Office Complex	Employee			t School or	, , , , , , , , , , , , , , , , , , , ,	on extravel of
750	Office Park	Employee	5	0.39		0.51	0.63
760	Research & Development Center	Employee	29	0.41	0.18	1.39	0.66
770	Business Park	Employee	13	0.39	0.24	1.01	0.64
812	Building Materials & Lumber Store	Employee	4	3.83	3.19	5.75	2.11
815	Free-Standing Discount Store	Employee	7	3.52	2.24	6.93	2.35
816	Hardware/Paint Store	Employee	3	5.43	4.83	6.50	2.36
817	Nursery (Garden Center)	Employee	11	2.55	1.03	7.43	2.10
818	Nursery (Wholesale)	Employee	8	0.67	0.47	3.00	0.91
	Specialty Retail Center (formerly Code						
826	814)	Employee		0.06	Λ 40	1.93	1.06
841	Automobile Sales	Employee		0.96	0.48	1.93	1.00
848	Tire Store	Employee			2.57	3.86	1.87
854	Discount Supermarket	Employee	4	3.24 3.36	2.57	4.98	1.87
857	Discount Club	Employee	10		2.41	4.30	1.27
860	Wholesale Market	Employee	1	0.64	0.55	3.50	1.32
890	Furniture Store	Employee	8.174	1.27	3.10	6.18	, 14 /4 1 <b>.4</b>
912	Drive-in Bank	Employee	2	4.71	3,10	0.18	grystiati <sub>e</sub> engle
920	Copy, Print & Express Ship Store	Employee	i produkta i distribut	6.63	W	. 9 Ta	S.A. San
942	Automobile Care Center	Employee	1	1.43			

### RESOLUTION NO. 99-42

A RESOLUTION ADOPTING A NEW TRANSPORTATION SYSTEMS DEVELOPMENT CHARGE METHODOLOGY AND CHARGES, PURSUANT TO SECTIONS 4.20.040 AND 4.20.050 OF THE ASHLAND MUNICIPAL CODE.

THE CITY OF ASHLAND RESOLVES AS FOLLOWS:

<u>SECTION 1.</u> The Transportation Systems Development report recommended by the Ad-hoc Systems Development Charge Committee, marked exhibit "A", is adopted by the Ashland City Council and replaces the current resolution establishing the methodology and charges for transportation systems development charges.

<u>SECTION 2.</u> The Transportation Systems Development Charges shall be phased in three steps. Phase one of the charge implementation described in exhibit "A" shall be effective August 16, 1999, with phase two effective January 2, 2000 and phase three effective July 1, 2000. Charges shall be adjusted for inflation at each phase.

<u>SECTION 3.</u> The Transportation Systems Development Charge methodology and charges will be reviewed three years from the date of adoption to ensure consistency between the Transportation System Plan and the Transportation Systems Development Charges.

<u>SECTION 4.</u> Transportation Systems Development Charges collected will be distributed to transportation projects based on the aggregate growth percentage described in exhibit "A".

Barbara Christensen, City Recorder

SIGNED and APPROVED this 7th day of July , 1999.

Catherine M. Shaw, Mayor

Reviewed as to form:

Paul Nolte, City Attorney

PAGE 1-RESOLUTION

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## City of Ashland



# Transportation Systems Development Charge

Fee Increase Proposal - July, 1999

### INTRODUCTION

### **Background**

In 1996, the City of Ashland adopted its current transportation Systems Development Chard (SDC) which became effective January 1, 1997. The current SDC is based on a pro-rate share of future transportation system needs, including new street and street frontage costs (needs) and new trip generation/travel need estimates for typical developments. The future "needs" are not defined by specific projects. The City of Ashland has developed a *Transportation System Plan* (TSP) that outlines transportation system needs for the City within the Urban Growth Boundary (UGB) area. The Ashland TSP identifies project specific needs for street, bicycle facility, pedestrian and transit improvements. Long-range travel projections used in the TSP have been developed based on future land development projects consistent with the City's Comprehensive Plan. These land development projections were used by W & H Pacific, Inc. to estimate the trip generation capacity of land consumption by the year 2017 and define the detailed methodology for a revised SDC.

The purpose of this report is to describe the revised methodology for implementing a project specific transportation SDC to fund a portion of the needed transportation projects within the Ashland UGB by year 2017. This same methodology may be adjusted to include a revised scope of transportation improvements, as needed. The Ashland Transportation SDC Methodology is based on similar SDC methods already adopted and in place by other Oregon jurisdictions, mainly Salem and Portland, Oregon.

### Consistency With State Law

ORS 223.297 through 223.314 establishes a uniform framework for governmental units to impose systems development charges to pay for capital improvements, including facilities or assets used for transportation. Such charges may be assessed or collected "at the time of increased usage of a capital improvement or issuance of a development permit, building permit or connection to the capital improvement." ORS 223.299(4)(a). The statute allows imposition of systems development charges for costs associated with capital improvements to be constructed ("improvement fees") and capital improvements already constructed or under construction ("reimbursement fees"). ORS 223.304. The statute also provides for credits against fees for the construction of qualified public improvements. ORS 223.304 (3), (4).

As relevant to the City's proposed Transportation SDC, ORS 22.307(2) authorizes improvement fees on new development to help cover the costs of capacity increasing capital improvements. Under ORS 223.309(1), such improvements must be identified in a capital improvement plan, public facilities plan, transportation master plan or similar plan which lists the capital improvements which may be funded with improvement fee revenues. Consistent with ORS 223.307(2), the capital improvements identified in the TSP and included in this report are limited to those which are capacity increasing. Their

inclusion in a plan as defined in ORS 223.309(1) assures compliance with that requirement of the statute.

Under ORS 223.304(2), improvement fees must be established by ordinance or resolution setting forth a methodology that considers the costs of projected capital improvements needed to increase the capacity of the system to which the fee is related. The statute requires no specific methodology. However, there must be a rational basis for the chare, i.e. the costs imposed on development must reasonably relate to the impacts created by the development and the overall costs of the improvements.

### **NEEDED IMPROVEMENTS**

### **Types of Deficiencies**

The Ashland TSP indicates that there are a number of projects that will be needed by 2017 to provide sufficient transportation system capacity to accommodate future travel demand. These improvements include new streets, upgrades to existing streets to urban standards (i.e., added bicycle lanes, curbs/gutters, sidewalks, etc.), new bicycle lanes and/or sidewalks, new traffic signals and improved transit to serve expanded public transportation needs.

New streets and bridges, street upgrades, and new traffic signals provide improvements resulting in a transportation system that can accommodate higher travel demand (additional capacity). New buses and shelters provide added capacity to route coverage serving more transit riders; and together with bicycle and pedestrian improvements provide the needed capacity that otherwise require major street widening in areas deficient of adequate right-of-way or compatible land use (e.g., North Main Street between Helman and Wimer).

### **Estimated Improvement Costs**

Improvement costs are those capital costs that will be required to construct the projects identified in the Ashland TSP. These projects and the estimated costs (estimated in 1998 dollars) for each project are listed in Appendix A of this document. Improvement fees are the systems development charges (defined and summarized below) imposed on new development to help fund the projects identified in the Ashland TSP. Improvement fees imposed on new development are used to provide a portion of the funding required for project improvement costs.

The Ashland Transportation SDC includes improvement fees, but does not include reimbursement fees. Improvement fees are system development charges that are applied to improvement costs associated with capital improvements to be constructed. Reimbursement fees are systems development charges applied to improvement costs for capital improvements already constructed or under construction.

To comply with Oregon law, only a portion of the roadway and transit improvement costs are eligible for funding through an SDC program. Improvement costs to maintain or improvement the structure of existing roadways and intersections, or costs associated with transit operations do not provide significant capacity increases. Thus, this portion of the improvement cost is not eligible for funding through the SDC. As previously stated, improvement fees are authorized under Oregon law to help cover the costs of capacity increasing capital improvements, identified in a capital improvement plan, public facilities plan, transportation master plan, or similar plan. New streets, bridges, traffic signals, sidewalk, and buses are fully eligible for SDC funding. The cost associated with street upgrades paid for by the SDC can be based on the proportionate share of the added street amenities to the total street improvement costs (e.g., bike lanes, curb/gutter and sidewalks).

Additionally, it is proposed that a portion of local street improvements done through the LID process be funded through the Transportation SDC. It is estimated that an overall capacity of 18% will be realized city-wide by the improvement of local streets. This is based up the buildable lands analysis undertaken by the city which has shown that when local streets are improved, the opportunity for additional lot splits will be available, increasing the use of local streets for new trips related to growth.

As such, the Ashland Transportation SDC program will generate funds from improvement fees that may be used to partially fund improvement projects that provide additional roadway and transit capacity. As discussed below, the improvement fees are based on the estimated number of daily trips generated by new development, resulting in an improvement fee that is fair and equitable. Thus, the program is in compliance with Oregon law.

### SDC ELIGIBLE TRANSPORTATION IMPROVEMENTS

#	Priomy (yrs)	STREETS	Type	Revised Estimated Cost	Rebate Elgipa	Capacity &	SUC Portion of Total Project
1	1-5	Beach Street - at Siskiyou	Upgrade	\$92,000	\$92,000	15%	13,800
,	1-5	Tolman Cr Rd – Siskiyou to UPRR	Capacity	\$620,400	\$352,387	50%	310,200
3	6-10	Nevada – Bear Creek to N Mountain	Capacity	\$422,400	\$239,923	65%	274,560
4	6-10	Bear Creek Bridge @ Nevada	Capacity	\$2,500,000	\$2,500,000	65%	1,625,000
5	6-10	N Mountain - Hersey to Nepenthe (1/2 street)	Capacity	\$314,160	\$120,278	65%	204,204
6	6-10	Tolman Cr – Siskiyou Blvd Approaches	Capacity	\$184,000	\$184,000	45%	82,800
7	6-10	Clay St - Siskiyou to Ashland	Upgrade	\$660,000	\$374,880	35%	231,000
8	6-10	E Main - City Limits to Normal (west)	Capacity	\$184,800	\$104,966	25%	46,200
9	11-20	N Main - Hwy 99 to Fox	Upgrade	\$66,000	\$37,488	15%	9,900
10	11-20	Ashland Mine Rd	Upgrade	\$330,000	\$187,440	15%	49,500
11	11-20	E Hersey - Ann to Mountain (1/2 Street)	Upgrade	\$142,560	\$39,917	15%	21,384
12	11-20	4th St Extension to Hersey	Capacity	\$106,250	\$60,350	100%	106,250
13	11-20	N Mountain – Nepenthe to Nevada	Capacity	\$286,440	\$109,666	65%	186,186
14	11-20	Tolman Cr - Green Meadows to Black Oak	Upgrade	\$528,000	\$299,904	15%	79,200
15	11-20	Tolman Cr - Black Oak to Siskiyou	Upgrade	\$158,400	\$89,971	15%	23,760
16	11-20	E Main - Normal Ave to City Limits (east)	Upgrade	\$3,976,800	\$3,554,822	15%	596,520
17	11-20	E Main - at Tolman Creek Rd	Upgrade	\$272,000	\$272,000	15%	40,800
18	11-20	Crowson Rd - Siskiyou to Green Springs Hwy	Upgrade	\$1,000,000	\$568,000	30%	300,000
19	11-20	Normal Avenue Extension to E Main	Capacity	\$607,200	\$344,890	!!!	455,400
20	11-20	Clay St - Ashland to E Main	Upgrade	\$737,500	\$418,900	15%	110,625
21	11-20	Tolman Cr Rd – Ashland St to E Main	Capacity	\$424,200	\$162,408		275,730
22	11-20	Mistletoe - Siskiyou to Tolman Creek	Upgrade	\$1,201,250	\$682,310	75%	900,938
23	11-20	Dead Indian - Green Springs Hwy Approach	Upgrade	\$92,000	\$92,000	15%	13,800
	Arright Hill	Subrolal .		\$ 14,906,860	\$ 10,888,501	41%	\$5,957,757
		INTERSECTIONS					
24	11-20	Siskiyou/Lithia/E Main	Capacity	1,000,000		25%	250,000
25	11-20	Oak St/Hersey St Traffic Signal	Capacity	175,000		40%	70,000
	NESS.	Subiola 799		1175,000		36%	\$320,000
26	11-20	UPRR CROSSINGS (4)	Upgrade	1,000,000		15%	150,000
27	11-20	TRANSIT (Local, capital costs)	Capacity	303,282		25%	75,821
28	11-20	SIDEWALKS	Capacity	2,052,000		25%	513,000
29	11-20	BICYCLE FACILITIES	Capacity	3,041,000		25%	760,250
		LOCAL IMPROVEMENT DISTRICTS	Combo	3,135,119		18%	564,321
		TOTAL		\$ 26,612,761	100	82%	58,841 148
STATE OF	man Managara			-			

ELNDT=	39,040
Cost Per ELNDT	\$214

August 1, 1999 Cost per ELNDT = \$93 January 1, 2000 Cost per ELNDT = \$154 July 1, 2000 Cost per ELNDT = \$214

### TRANSPORTATION SDC UNIT COST

### Introduction

The Ashland Transportation SDC has been developed to provide fairness and equity among the various types of development that are likely to occur by 2017. To reach this goal, the Ashland Transportation SDC methodology recognizes that the number of trips generated varies by type of land use. It has been shown that some types of land use (retail, for example) attract trips from traffic that is already passing the retail site (a motorist that is going home from work that stops en route to buy groceries). In this instance, a trip is "generated" by the retail use, but not all generated trips are new to the adjacent roadway traffic stream, hence the retail use adds lower number of new vehiclemiles of travel to the roadway system compared to other uses. This type of trip is known as a "linked trip". A "Linked Trip Factor" has been used to account for this difference in new trip generation versus total trip generation. When the basic trip generation rates (i.e. trips per dwelling unit) is adjusted by the linked trip factor and applied t the new development, the resulting number of new generated trips are called Equivalent Length New Daily Trips (ELNDT). The ELNDT are used as the basis for the Ashland Transportation SDC.

### Methodology

To develop the City of Ashland Transportation SDC, a summary of the planned land uses within the UGB was made. From these planned land uses the number of daily vehicle trips generated on the public street system was made. These trips were added to the number of existing traffic volumes throughout the study area to estimate the total number of vehicle trips on the study area street system. Since the SDC is based on trips generated by new development, the number of new trips divided into the estimated improvement costs results in the dollar cost per new trip generated. The future planned land use and new trip generation estimates within the Ashland UGB are summarized in the attachments.

Future land use estimates and the daily trips generated by new land development within the Ashland UGB are estimated based on future trip estimates from Ashland's *emme/2* travel model, and validated by ITE Trip Generation Manual estimates summarized in Appendix B. Inherent in these trip estimates is the provision for linked-trip characteristics by land use type. The *Equivalent Length New Daily Trips* generated within the Ashland UGB by the year 2017 is indicated in the table on the following page.

### **Trip Generation Adjustments**

As mentioned previously, inherent in the travel demand forecasting model is the type of trip by land use and effect of linked trips. The methodology used to determine the transportation system development charge fee in Ashland is consistent with the *ELNDT* concept. This methodology uses the best available trip generation, and linked trip information. Trip generation rates for each of the land use categories were adjusted using

the trip generation rates reported in Trip Generation, Fifth Edition (published by the Institute of Transportation Engineers, 1991). The attachment at the end of this report lists these trip generation rates and the adjustment factors used to determine the *ELNDT* generation rate for each general land use category listed in the ITE Trip Generation Manual.

### **Unit Cost Methodology**

The Transportation SDC is calculated by dividing the total cost of the SDC-related transportation improvements by the number of city-wide *ELNDT*, resulting in an SDC cost per *ELNDT*. The Transportation SDC unit cost per trip is summarized as follows:

Ashland	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
Transportation Systems De	velopment Charge	•
SDC-Related Transportation Improvement	Total	Cost/ELNDT
Costs	ELNDT	
<b>58,341,148</b>	39,040	5214

### **Transportation SDC Calculation**

The Transportation SDC is applicable to all new land development within the Ashland UGB and is calculated at \$214 per *ELNDT*. The <u>Trip Generation</u>, <u>Fifth Edition</u> is to be used for all SDC calculations. Tabulations of trip generation rates and linked trip factors for various land uses are found in the attachments.

The following table identifies the Ashland Transportation SDC fee as applied to various land use developments such a single-family, multi-family homes, fast food restaurant (3,000 sq. ft), and industrial centers (30,000 sq. ft.)

Transportation System	m Development Charg	ge Calculations
Typical Development	Current Abillant 300	Proposed Ashland SDC
Single Family Dwelling	\$324	\$2,040
Multi Family Dwelling	\$196	\$1,382
Fast Food Restaurant (3000 sq. ft.)	\$8,826	\$23,131
Light Industrial (30,000 sq. ft.)	\$6,123	\$50,037

### Credits

Credits against the calculated SDC will be given for the cost of qualified public improvements, in whole or in part, identified on the "SDC Eligible Transportation Improvements" table. Costs not included in the calculation of the SDC shall *not* be eligible for SDC credit. Except that the City may agree that certain costs may, in fact, represent "system" costs that will be <u>considered</u> for addition to SDC-eligible costs during the next SDC update. If those "non-eligible" costs are subsequently changed to become

SDC eligible, credit will be given in a form of a reimbursement of a portion of the SDC improvement fees.

### **TDM Credits**

Credits may be given for developments that implement transportation demand management (TDM) plans designed to reduce generated vehicle trips. The proponent of the development must declare an intention to apply for TDM vehicle trip reduction and Transportation SDC credit as a part of the building permit application. The TDM plan must be prepared by a transportation planning professional recognized by the Community Development Director as being proficient in TDM programs.

Oregon law requires that provisions be included in the SDC for alternative methodologies to calculate the trip generation (ELNDT) for use in calculation of improvement fees. These provisions are needed in case standard trip generation rates or linked trip factors included in the SDC do not adequately reflect the true trip generation characteristics of a particular land use development. These provision s also provide an approach for project proponents that believe their development does not generate trips in the same way as described in the SDC.

Credits for TDM vehicle trip reductions will be limited to a maximum of 15% of the SDC charge calculated without TDM credits. TDM plans <u>must</u> include an annual reporting plan that will document the amount of vehicle trip reduction that is actually achieved. Failure to achieve the projected level of trip reduction shall result in the required payment of the full SDC.

### Redevelopment

Redevelopment of existing land use (of which the traffic generated by the existing use is implied to be already accounted for under existing traffic conditions and will not be considered as part of the transportation SDC calculation) requiring a building permit that results in a net change in trip generation (due to either a change in general land use category – residential vs. commercial, number of dwelling units, or building area) will also be required to pay a transportation SDC in lieu of the existing use. Specifically, the transportation SDC will be calculated based on the net difference between the trip generation (including equivalent and new trip rate adjustments) of the new use less the trip generation of the existing use. If the new use generates fewer trips than the existing use no transportation SDC shall be paid, but no reimbursements will be given to the proposed development.

### **Implementation**

Given the substantial proposed increase in the transportation SDC, it is recommended that the new charge be implemented using a phased approach, as follows:

1 <sup>st</sup> Phase	August 16, 1999	ELNDT = \$93
2 <sup>nd</sup> Phase	January 1, 2000	ELNDT = \$154
3 <sup>rd</sup> Phase	July 1, 2000	ELNDT = \$214

This phasing would result in an implementation schedule and costs for typical development shown in the following table:

Transportation		evelopment Cl lementation	harge Calcula	·
Lypical Development	Current - SDC	Phase 1 8/16/1999	Phase 2 1/2/2000	Phase 3 - full   -7/1/2000
Single Family Dwelling	\$324	\$888	\$1,471	\$2,040
Multi Family Dwelling	\$196	\$584	\$966	\$1,382
Fast Food Restaurant (3000 sq. ft.)	\$8,826	\$10,068	\$16,672	\$23,131
Light Industrial (30,000 sq. ft.)	\$6,123	\$21,780	\$36,066	\$50,037

### ITE Trip Generation Rates & ELNDT Adjustment Factors

ITE Land Use	Notes	ITE Land Use Code		ge Weekday Trip Rate	Equivalent L New Daily 1 ELNDT Adjustn	Trip &	C	ost Per Unit	
		0000	Rate	Unit(*)	Trip Length	Linked Trip	8/1/99	1/2/00	7/1/00
					JI	1	\$93	<b>\$</b> 154	\$214
RESIDENTIAL							****	01.477	60.044
Single Family		210	9 55	Dwelling Unit	1.00	1.0 1.0	\$888 \$584	\$1,471 \$966	\$2,040 \$1,341
Multi-Family		220	6 47 5 86	Dwelling Unit Dwelling Unit	0.97 0.97	1.0	\$529	\$875	\$1,214
Residential Condominium  Manufactured Housing		230 240	481	Occupied Dwelling Unit	0.97	1.0	\$434	\$719	\$997
Recreational Home/Condo		260	3 16	Dwelling Unit	1.00	1.0	\$294	\$487	\$675
INSTITUTIONAL									
Truck Terminals	1	30	985	1,000 sf GFA	1.12	1.0	\$1,026	\$1,699	\$2,357
Bus Depot	5		25	1000 sf GFA	1 00	1.0	\$2,325	\$3,850	\$5,341
Park	1	411	2 23	Acres	0.90	1.0	\$187 \$4,185	\$309 \$6,930	\$429 \$9,615
City (developed)	5		50	Acres	0.90 0.90	1.0 1.0	\$4,183	\$693	\$961
Neighborhood (undeveloped)	5 5		5 <b>80</b>	Acres Acres	0.90	1.0	\$6,696	\$11,088	\$15,383
Amusement (Theme) Golf Course	2	430	37 59	Holes	0.91	1.0	\$3,181	\$5,268	\$7,309
Movie Theatre	1	443	1 76	Seats	0.46	1.0	\$75	\$125	\$173
Racquet Club	2	492	17 14	1,000 sf GFA	0.51	1.0	\$813	\$1,346	\$1,86
Racquetball	. 5		40	1,000 sf GFA	0.51	1.0	\$1,897	\$3,142	\$4,35
Tennis	5		30	Court	0.51	1.0	\$1,423	\$2,356	\$3,269
Military Base		501	1 78	Employee	1.00	1.0	\$166	\$274	\$386 \$250
Elementary School	٠.	520	1 09	Student	1.08	1.0	\$109 \$121	\$181 \$200	\$27
Junior High School	4	530	1 20	Student Student	1.08	1.0	\$121 \$139	\$230	\$31
High School	1,3	530 540	1 33	Student	1.08	10	\$134	\$221	\$30
Junior/Community College Church	1, 2	560	9 32	1,000 sf GFA	1.08	1.0	\$936	\$1,550	\$2,15
Day Care Center/Preschool	2	565	4 65	Student	0.23	10	\$99	\$165	\$22
Library	1	590	45.50	1,000 sf GFA	0.49	10	\$2,073	\$3,433	\$4,76
Hospital		610	16.78	1,000 sf GFA	0.95	10	\$1,483	\$2,455	\$3,40
Nursing Home		620	2.60	Occupied Bed	0.95	1.0	\$230	\$380	\$52
BUSINESS & COMMERCIAL						0.75	6410	\$693	<b>\$</b> 96
Hotel/Motel		310	8.70	Occupied Room	0.69 0.49	0.75 0.75	\$419 \$1,044	\$1,730	\$2,40
Building Materials/Lumber		812 814	30 56 40 67	1,000 sf GFA 1,000 sf GFA	0.49	0.75	\$1,390	\$2,302	\$3,19
Specialty Retail Center Discount Stores	1	815	70 13	1,000 sf GFA	0.49	0.75	\$2,397	\$3,969	\$5,50
Hardware/Paint Stores	1	816	51 29	1,000 sf GFA	0.49	0.75	\$1,753	\$2,903	\$4,02
Nursery-Retail	2	817	36 08	1,000 sf GFA	0.49	0.75	\$1,233	\$2,042	\$2,83
Shopping Center		820							
(under 50,000 sf GFA)		820	167 59	1,000 sf GFA	0.31	0.28	\$1,353	\$2,240	\$3,10
(50,000 - 99,999 sf GFA)		820	91.65	1,000 sf GFA	0.33	0.50	\$1,406	\$2,329	\$3,23
(100,000 - 199,999 sf GFA)		820	70 67	1,000 sf GFA	040	0.61	\$1,604	\$2,655 \$2,755	\$3,68 \$3,82
(200,000 - 299,999 sf GFA)		820	54.50	1,000 sf GFA	0 49 0.49	0.67 0.71	\$1,664 \$1,515	\$2,733 \$2,508	\$3,62 \$3,47
(300.000 - 399,999 sf GFA)		820 820	46 81 42.02	1,000 sf GFA 1,000 sf GFA	0.49	0.73	\$1,398	\$2,315	\$3,21
(400,000 - 499,999 sf GFA) (500,000 - 599,999 sf GFA)		820	38.65	1,000 sf GFA	0 49	0.80	\$1,409	\$2,333	\$3,23
High Turnover Sit-Down Restaurant	1	832	205.36	1,000 sf GFA	0.19	0.75	\$2,722	\$4,507	\$6,25
Fast Food Restaurant		833	786.22	1,000 sf GFA	0.09	0.51	<b>\$</b> 3,356	<b>\$</b> 5,557	\$7,71
New Car Sales		841	47 91	1,000 sf GFA	0.60	0.75	\$2,005 \$715	\$3,320 \$1,183	\$4,60 \$1,64
Service Station	1.3	844	142.54	Gasoline Pump	0.07	0.77 0.46	\$715 \$526	\$1,183 \$871	\$1,64 \$1,20
Supermarket	1	850	87.82	Employee	0.14		1	\$3,182	\$4,41
Convenience Market	3	851	737.99	1,000 sf GFA	0.08 0.32	0.35 0.22	\$1,922 \$1,272	\$3,182 \$2,107	\$2,92
Convenience Market w/ Gas Pump	3, 5 3	853 870	194.34 31.27	Gasoline Pump 1,000 sf GFA	0.49	0.75	\$1,069	\$1,770	\$2,45
Apparel Store	2	890	4 34	1,000 sf GFA	0.49	0.75	\$148	\$246	\$34
Furniture Store Bank/Savings: Walk-in	1	911	140.61	1,000 sf GFA	0.17	0.75	\$1,667	\$2,761	\$3,8
Bank/Savings: Drive-in	2	912	265.21	1,000 sf GFA	0.17	0.55	\$2,306	\$3,819	\$5,2
OFFICE							1		
Chnic	i	630	23 79	1,000 sf GFA	0.53	1.0	\$1,173	\$1,942	\$2,6
General Office		710						A	
(Under 100,000 sf GFA)		710	16.58	1,000 sf GFA	0.65	1.0	\$1,002	\$1,660	\$2,3
(100,000-199,999 sf GFA)		710	14.03	1,000 sf GFA	0 65	1.0	\$848	\$1,404	\$1,9 \$1.6
(200,000 sf GFA and over)		710	11.85	1,000 sf GFA	0 65	1.0	\$716 \$1,684	\$1,186 \$2,789	\$1,6 \$3,8
Medical Office Building	,	720	34.17	1,000 sf GFA	0.53 0.96	1.0 1.0	\$6,154	\$10,191	\$14,1
Government Office Bldg.	ì	730	68 93	1,000 sf GFA	0,96	1.0	\$14,822	\$24,544	\$34,0
State Motor Vehicles Dept	,	731 732	166.02 87.12	1,000 sf GFA 1,000 sf GFA	0.96 0.96	1.0	\$7,778	\$12,880	\$17,8
L S Post Office	2	760	7.70	1,000 sf GFA	0.67	1.0	\$480	\$794	\$1,1
Research Center Business Park		770	14.37	1,000 sf GFA	0.67	1.0	\$895	\$1,483	\$2,0

### ITE Trip Generation Rates & ELNDT Adjustment Factors

ITE Land Use	Notes	ITE Land Use Code		age Weekday E Trip Rate	Equivalent Lo New Daily T ELNDT Adjustm	rip &	Co		
	Į		Rate	Unit(*)	Trip Length	Linked Trip	8/1/99	1/2/00	7/1/00
		<u> </u>	I				\$93	\$154	\$214
INDUSTRIAL									
General Light Industrial		110	6 97	1,000 sf GFA	1 12	1.0	\$726	\$1,202	\$1,668
General Heavy Industrial		120	1 50	1,000 sf GFA	1.12	1.0	\$156	\$259	<b>\$</b> 359
Industrial Park	2	130	6.97	1,000 sf GFA	1.12	1.0	<b>\$</b> 726	\$1,202	\$1,668
Manufacturing		140	3 85	1,000 sf GFA	1.12	1.0	\$401	\$664	\$921
Warehouse		150	4 88	1,000 sf GFA	1.12	1.0	\$508	\$842	\$1,168
Mini-Warehouse		151	261	1,000 sf GFA	0 47	1,0	\$114	\$189	\$262
Utilities	ı	170	1 06	Employees	1 00	1.0	<b>\$9</b> 9	\$163	\$226
Wholesale	ì	860	6 73	1,000 sf GFA	0 49	1.0	\$307	\$508	\$705

\* Abbreviations include GFA \*\* Gross Floor Area and sf \*\* square feet

The ratio between GFA and gross leasable area (GLA), as cited for shopping center in ITE Trip Generation is 1.5-1. The ITE Trip Generation rates are factored up by 14% to derive GFA weekday rates

### Notes

- (1) The ITE Trip Generation has less than 5 studies supporting this average rate. Applicants are strongly encouraged to conduct at their awn expense, independent trip generation studies in support of their application.
- (2) The fitted relationship between the number of units and the average weekday trip generation as noted in ITE Trip Generation has a coefficient of correlation (R2) of less than 0.70 Applicants are strongly encouraged to conduct, at their own expense, independent trip generation studies in support of their application.
- (5) The rate shown has been approximated from the published p.m. peak hour trip generation rate. Applicants are strongly encouraged to conduct, at their own expense, independent trip generation studies in support of their application.
- (4) Wemge of elementary and high school trip generation rates.
- 181 San Diego Traffic Generators, San Diego Association of Governments, March 1993.

### **ASHLAND - FUTURE LAND USE VALIDATION**

•	LAN	ID USE CAT	EGORI	ZATION	***************************************			LAND	DENSITY [3]		DEVELOR	
											LAND AR	EA
		RECAST ROWTH [2]	ITE	Sub-		JUSTED ROWTH	DUs/	Employee s/	Local	1000 SF	1000	
Land Use Category [1]	DUs	Employees	Code [3]	Allocation	DUs	Employees	Acre	1000 SF GFA	Adjustment	GFA/Acre	The second section of the section of	Acres
Single-Family	2558		210	100%	2558		4.0				NA	640
Residential Multi-Family	644		220	100%	644		15.0				NA	43
Residential Health Care – Senior	180		220	100%	180		15.0				NA	12
Housing Retail/Commercial Specialty Retail Hardware Quality Restaurant Fast Food Restaurant Drive-In Bank Shopping Center [4]		1014	814 816 831 834 912 820	14% 7% 17% 17% 20% 25%		142 71 172 172 203 254		1.82 0.96 7.46 10.90 3.82 1.00	100% 100% 100% 100% 100% 100%	8.83 10.64 7.50 7.50 7.50 11.00	78 74 23 16 53 254	9 7 3 2 7 23
<i>Industrial</i> Light Heavy Industrial Park		370 245 399	110 120 130	34% 33% 33%		370 245 399		2.16 1.82 2.00	100% 100% 100%	8.18 4.51 11.06	171 135 200	21 30 18
Service [7]		145	912 848	50% 50%		73 73		3.82 0.94	100% 100%	8.00 8.00	19 77	2 10
<i>School</i> Elementary High School		200	520 530	50% 50%		100 100		NA NA		NA NA	NA NA	NA NA
Office Office Park General [5] Total	•	2373	750 710	50% 50%	3202	0 0 2373		3.59 3.29	100% 100%	18.16 2.24	0 0 0	0 0 826

### Notes

[1] Consistent with Ashland TSP/City of Ashland

Comprehensive Plan.

[2] Residential = dwelling units; all other uses = employees

[3] ITE Trip Generation, Fifth

Edition

[4] Assumes 1 employee per 1000

SF GFA

[5] Assumes office building of 25,000 SF GFA (trip generation rates

vary by building size)
[6] Average of 9.5 employees and 4000

SF GFA

[7] Assumes Bank [ ITE 912] and Tire

Store [ITE 848]

# ASHLAND - FUTURE TRIP GENERATION VALIDATION

		DEVELOPABLE LAND AREA	[4][5]		ITE TRI	P GENE	ITE TRIP GENERATION (2-WAY)	WAY)	EQUIVA I	EQUIVALENT LENGTH NEW DAILY TRIPS	H NEW
		1000		New	PM Peak	Daily	PM Peak	Daily	Adjustm	Adjustment Factors	
Land Use Category	DUs	SF GFA	Employees	Factor	Hour Rate	Rate	Hour Trips	Trips	Length [1]	Linked [2]	ELNDT
Single-Family Residential	2558			100%	1.01	9.55	2584 406	24,429	7.00 0.00	¥ 1. 0	24,429
Multi-raillity residential Health Care – Senior	180			100%	1.00	3.00	180	540	1.00	0.0	540
Housing											
Retail/Commercial		oc.		100%	7 03	40.67	787	1 545	07.0	7.0	n an
Specially retail		19		100%		51.29	6	975	0.49	0.75	358
Quality Restaurant		46		100%	9.72	76.51	447	3,519	0.19	0.75	502
Fast Food Restaurant		46		100%		632.12	2128	29,078	0.09	0.51	1,335
Drive-In Bank		55		100%		265.21	2818	14,587	0.17	0.55	1,364
Shopping Center [3]		89		100%	6.57	167.59	447	11,396	0.31	0.28	686
Industrial Manufacturing		384		100%	0.86	3.85	150	1,478	1.12	1.00	1,656
School Elementary High School			100 100	100%	3.10	13.39 16.79	310	1339	1.08	1.00	1,446

Notes

[1] Trip length variation compared to single-family residential [2] Pass-by/linked trip rate reduction [3] Assumes 50,000 SF GFA shopping

39,040

TOTAL

center [4] Based on buildable lands data within the city limits (1/26/96) and outside the city limits inside the UGB (10/30/90) [5] Data for buildable lands outside the city limits (inside the UGB) assumes no development or rezoning since 10/90, and assumes any annexation was concommitent with UGB expansion.

**Council Business Meeting** 

November 7, 2017

Title:

Public Hearing and Adoption of a Resolution regarding Transportation

Systems Development Charges

From:

Paula C. Brown, PE

Public Works Director

paula.brown@ashland.or.us

### Summary:

Before the Council is a request to hold a public hearing and adopt a resolution titled, "A resolution repealing Resolution 2016-35 Transportation Systems Development Charges; and adopting the System Development Charges Set Forth in Resolution 1999-42, New Transportation Systems Development Charge Methodology and Charges, Pursuant to Ashland Municipal Code Section 4.20.040 and 4.20.050."

Last December 20, 2016, Council heard a staff report, held a public hearing and approved resolutions to modify the fees for systems development charges for water, wastewater and transportation. The new water and wastewater SDC charges became effective immediately, December 21, 2016, and the new transportation SDC charges became effective on July 1, 2017.

Systems Development Charges are based upon projects identified in the City's adopted master plans. These charges are paid by developers and property owners to reimburse the City for the cost of capital improvements made to expand the existing infrastructure or to build new infrastructure to accommodate growth in residential or business development.

### Actions, Options, or Potential Motions:

This is a request to hold a public hearing to repeal Resolution 2016-35 (a Resolution Adopting New Transportation Systems Development Charges Pursuant to Section 4.20 of the Ashland Municipal Code); approve the repeal; and then adopt a new resolution, 2017-\_\_\_, identical to Resolution 1999-42 dated July 7<sup>th</sup>, 1999, which was the SDC charges resolution in effect until the Council's December 20, 2016 approval of Resolution 2016-35.

Council should hold a public hearing then has the option to do one of the following:

- Move approval of a resolution titled, "A resolution repealing Resolution 2016-35
   Transportation Systems Development Charges; adopting the System Development
   Charges Set Forth in Resolution 1999-42, New Transportation Systems Development
   Charge Methodology and Charges, Pursuant to Ashland Municipal Code Section
   4.20.040 and 4.20.050."
- 2. Do nothing. Resolution 2016-35 will remain in effect with significantly higher transportation SDCs being assessed to many commercial activities for new development actions.

### **Staff Recommendation:**



Staff recommends repealing Resolution 2016-35, and re-establishment of the SDC charges adopted in Resolution 1999-42. Staff further recommends that Council direct the Public Works Director, in consultation with the Community Development and Administrative Services Directors, to review the current Transportation SDCs and return to Council with a recommendation not later than 12 months from now.

### **Resource Requirements:**

If staff recommendations are accepted, staff will solicit, negotiate and enter into a contract to complete a comprehensive review of the Transportation SDCs and methodology and a cursory review of both the water and wastewater SDCs. Funds are not in the current budget and will be charged to the respective enterprise fund and are 100% SDC eligible.

### Policies, Plans and Goals Supported:

Council Goals:

- 2.2 Engage boards and commissions in supporting the strategic plan
- 4 Evaluate real property and facility assets to strategically support city mission and goals
- 5.2 Support and promote, through policy, programs that make the City affordable to live in
- 7.2 Support land-use plans and policies that encourage family-friendly neighborhoods

Department Goals:

- Maintain existing infrastructure to meet regulatory requirements and minimize life-cycle costs
- Deliver timely life cycle capital improvement projects
- Maintain and improve infrastructure that enhances the economic vitality of the community
- Evaluate all city infrastructure regarding planning management and financial resources

Background and Additional Information:

Oregon Revised Statutes (ORS) 223.297 through 223.314 authorize cities, to establish Systems Development Charges (SDCs) as a one-time fee on new development to recover a fair share of costs of existing and planned facilities that provide capacity to serve future growth. ORS 223.399 defines two types of SDCs; a reimbursement fee and an improvement fee. The City of Ashland has never utilized the reimbursement fee portion and has consistently based the transportation SDCs on improvement fees only which are based on increases in capacity for capital projects to be constructed.

The change in methodology from the prior 1999 SDC rates to the current 2016 were based upon utilizing an updated Institute of Transportation Engineers (ITE) Manual, utilizing the updated capital improvements list from the City's Transportation System Plan (Kittleson, 2012) and using PM (evening) peak hour rates. As stated in the SDC Update prepared by the City's consultant, Economic & Financial Analysis, some of the commercial SDCs will be increased substantially.

The City utilized a strong SDC Committee that met between March 2014 and February 2015, as well as the Transportation Commission to review the work. Staff held a study session with council on November 14, 2016, prior to the adoption on December 20, 2016.



Upon implementation of the new transportation SDC rates on July 1, 2017, Community Development and Public Works Engineering staff specifically reviewed the cost increases for new commercial development. Although there are actually a few commercial uses that have decreased the rates due to the PM Peak methodology (for instance the rate for hospitals goes down 28%; college rates decrease by 18% and city parks decreases by 1%), the remaining businesses see increases in rates from 3% (golf courses), 48% for nursing homes, 62% hotel/motel, 231% for specialty retail, to the highest increase of 1630% for convenience markets and 1910% for service stations.

Having recently received inquiries about new building permits that would trigger greatly increased SDC charges, staff has recognized prudence requires taking a step back to re-examine the efficacy of such large, abrupt increases.

### Recommended Next Steps:

Should Council accept the staff recommendation to repeal Resolution 2016-35 and adopt in a new resolution SDC charges identical to those in Resolution 1999-42, the latter fees will become effective immediately. Staff would then undertake three additional actions:

- 1) Hire a consultant to complete a comprehensive review of the Transportation SDCs and methodology and a cursory review of both the water and wastewater SDCs as soon as practical but not longer than 12 months.
- 2) Form an internal staff review committee of the Public Works Director, Community Development Director and Administrative Services Director to fully vet the proposed SDCs.
- 3) Reinstate the SDC Committee to review any changes to the methodology and proposed new charges

### Attachments:

- 1. Proposed Resolution
- 2. Resolution No. 2016-35 Adopted December 20, 2016
- 3. Resolution No. 1999-42 Transportation SDCs Originally Adopted July 7, 1999

### **Additional Links:**

Council Study Session, November 17, 2016 (link) Council Meeting Agenda, December 20, 2016 (link) Council Meeting Minutes, December 20, 2016 (link)



### RESOLUTION NO. 2017-

A RESOLUTION REPEALING RESOLUTION 2016-35
TRANSPORTATION SYSTEMS DEVELOPMENT CHARGES; AND
ADOPTING THE SYSTEM DEVELOPMENT CHARGES SET FORTH IN
RESOLUTION 1999-42, NEW TRANSPORTATION SYSTEMS
DEVELOPMENT CHARGE METHODOLOGY AND CHARGES,
PURSUANT TO ASHLAND MUNICIPAL CODE SECTION 4.20.040 AND
4.20.050.

### **RECITALS:**

- A. The City adopted a new Transportation Systems Plan on March 19, 2013 through ordinance 3080 that amended the comprehensive plan.
- B. Resolution 2016-35 adopted a new Transportation System Development Charges project list.

### THE CITY OF ASHLAND RESOLVES AS FOLLOWS:

SECTION 1. Resolution 2016-35 is repealed.

<u>SECTION 2.</u> The Transportation Systems Development Charges and costs per unit described in Resolution 1999-42 are hereby adopted in their entirety.

<u>SECTION 3.</u> The Transportation Systems Development Charges and costs per unit attached to this resolution and marked "Exhibit A" represent the latest charges as described in Resolution 1999-42 for "phase three effective July 1, 2000" with the adjustment for inflation as noted.

SECTION 4. The Transportation Systems Development Charges project list marked as "Exhibit B" remains in effect as adopted by the new Transportation Systems Plan on March 19, 2013. The Transportation Systems Development Charges collected will be distributed to transportations projects based on the aggregate growth percentage described in "Exhibit A".

<u>SECTION 5.</u> One copy of this Resolution along with both "Exhibit A" and "Exhibit B" shall be maintained in the office of the City Recorder and shall be available for public inspection during regular business hours.

SECTION 6. The Fees adopted pursuant to this Resolution shall be effective immediately.

<u>SECTION 7.</u> The Transportation Systems Development Charge methodology and charges will be reviewed and presented to the Council within 12 months of this resolution.

<u>SECTION 8.</u> The fees imposed by this Resolution are classified as not subject to the limits of Section 11b of Article XI of the Oregon Constitution (Ballot Measure No. 5).

This resolution was read by title on duly PASSED and ADOPTED this	ly in accordanc day of	e with Ashland Municipal Code §2.04.090 , 2017.
Melissa Huhtala, City Recorder	_	
SIGNED and APPROVED this	day of	, 2017.
		John Stromberg, Mayor
Reviewed as to form:		
David Lohman City Attorney	-	