

MCPB Item No. 4 Date: 12/3/15

Subdivision Staging Policy – Briefing on Key Transportation-Related Initiatives

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Description

The County Council is scheduled to adopt the 2016 Subdivision Staging Policy (SSP) update in November, 2016. In support of this effort, Department staff have undertaken a set of initiatives to update the transportation-related elements of the SSP with a focus on incorporating new ideas intended to streamline and improve current transportation analysis procedures and identify transportation system performance metrics better aligned with our land use policies.

Two recent forums provide background and context for today's briefing:

- On July 9, 2015, the Planning Board was briefed on the initial Local Area Transportation Review (LATR)-related recommendations developed by the Transportation Impact Study Technical Working Group (TISTWG).
- On November 5, 2015, staff provided the Planning Board with an overview of the key elements of the SSP. This briefing included a discussion of: (1) current adequacy tests for transportation and schools; (2) new ideas and initiatives planned or underway in support of the 2016 SSP update and;
 (3) a recap of public feedback received at the October 19, 2015 SSP Kick-Off/Open House Meeting.

A key outcome of these discussions was the following set of directives to staff from the Planning Board:

- Continue efforts to establish a framework for the expansion of "pro-rata share" districts in the County (similar to that established in White Flint and evolving in White Oak).
- Explore opportunities to collapse LATR and Transportation Policy Area Review (TPAR) into a single transportation test.
- Consider the incorporation of new approaches and tools in the LATR and/or TPAR processes such as accessibility and Vehicle Miles of Travel (VMT).
- Incorporate parking as trip generation indicator.

Today's briefing will provide an opportunity for staff to discuss and provide a status update regarding these items with the Planning Board.

Summary

The Planning Board is strongly encouraged to review the information provided in the PowerPoint presentation developed in support of this briefing and included as an attachment to this staff report.

Today's briefing will cover the following topics:

- Function and relationship of transportation funding mechanisms At the County-level, the three

 (3) sources of transportation funding are LATR, TPAR and transportation impact taxes. Given the
 Planning Board's directives cited above, it will be useful to discuss several important questions,
 including ...
 - Why do we have transportation tests?
 - What do these tests accomplish?
 - What are the relationships between these tests?
 - What are the options, as well as the "pros and cons", associated with simplifying the current process?
- "Pro-rata share" district consideration for the Bethesda Downtown area In the context of a
 pro-rata share district the responsibility for private sector participation in the transportation
 system can be expressed as a ratio of the cost (or supply) of the total transportation system for
 which the private sector is responsible to the unit of demand generated by each new
 development.

PRO RATA SHARE = Private sector funding for total system **supply**/unit of development **demand**

Currently, this type of process is established in White Flint in the form of an ad valorem tax on commercial properties and is evolving in White Oak in the form of a one-time development fee in lieu of LATR.

The Bethesda Downtown area appears to warrant consideration for some similar treatment given its character as one of several County "activity centers" where transit-supported development growth is encouraged. This consideration also appears to be timely given that the sector plan for this area is currently under review and key stakeholders in the sector plan process could be afforded the opportunity to share their ideas regarding some similar transportation funding approach for Bethesda.

3. TPAR refinement update - The TPAR process has two (2) components: (1) roadway adequacy based on the evaluation of forecasted travel speeds on local roads and (2) transit adequacy based on the evaluation of existing local transit service metrics (i.e., headway, coverage and span of service). The TPAR transit adequacy test has some utility within the 10-year horizon regulatory context in which it is applied. However, this test has limited applications in the long-range (25-year horizon or more) master plan context given that the metrics used cannot be readily

forecasted. In addition, this test is limited in its ability to reflect Bus Rapid Transit (BRT) service. The TPAR refinement effort is directed toward addressing these issues by the identification and evaluation of new and more "robust" transportation system performance metrics (such as accessibility) that could be incorporated into the process. The Board will be briefed on the progress to date regarding this work.

- 4. **Trip generation study update** Current LATR trip generation rates used in support of traffic impact studies have a number of limitations, including:
 - Generally reflects suburban-oriented vehicle travel (i.e., non-auto travel such as transit, bike and pedestrian travel not reflected)
 - Reflects transit proximity to Metrorail for office buildings only
 - Reflects non-auto travel for only selected "unique" urban areas (i.e., Bethesda, Friendship Heights and Silver Spring CBDs)
 - Based on outdated local observations for common land uses (based on data collected in 1989)
 - May result in over-designed roadway and unwarranted exaction from new development

The Board will be briefed on plans underway to initiate a process to address these issues.

Attachment - PowerPoint presentation entitled "LATR and TPAR Study Status Update: Planning Board Roundtable, 12/3/15"

EG/ PD/aj





LATR and TPAR Study Status Update Planning Board Roundtable 12/3/15





Today's discussion

- Study overview
- Four specific topics:
 - 1. Function and relationship of transportation funding mechanisms (LATR, TPAR, transportation impact taxes)
 - 2. Pro-rata share concept consideration for Downtown Bethesda Plan
 - 3. TPAR refinement Update
 - 4. Trip generation study update
- Next steps and schedule





Study basics

Initial Subdivision Staging Policy Work Program

Element	LATR	TPAR
Scope	Full consideration of options (similar to 2012)	More robust transit performance calculations
Working group	~30-member TISTWG (monthly meetings)	Technical staff
Timeframe	Initial recommendations Planning Board and Cou 2016	•

Coordinated with

- ["] PHED/Council consideration of SSP Amendment #14-02 for White Oak
- ["] Development of new trip generation rates
- ["] Exploration of new forecasting measures and tools



Board direction to staff

- Explore opportunities to combine LATR / TPAR / tax requirements
- Consider new approaches and tools such as accessibility and VMT
- Incorporate parking as a trip generation indicator



Key Considerations

Three primary LATR objectives

//

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- Improve multimodal analysis,
- " Increase predictability,
- Streamline implementation
- Synergy between LATR, TPAR, and impact taxes
- Multiple land use contexts













Figure 27 - Illustrations of Typical Block Types by Transect Zone

0.02-0.23

Demand

Respons

TYPICAL NET FAR

SUPPORTED TRANSIT TECHNOLOGY



Apply special districts

LATR Type Hierarchy

Pro-rata share

Negotiated

Exaction

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• Where do we know what we want to build (both public and private)?

- Where do we want to emphasize ped, bike, transit?
- Apply equivalent mitigation approaches

Impact Mitigation

- Where do we want to achieve L/QOS standards (for any or all modes)?
- Apply modal tests



Today

M-NCPPC LATR & TPAR Status Update



LATR Evolution

- Today, White F
 district and ma
 negotiated exa
 White Oak prounderway
 - Today, White Flint is the only pro-rata share district and many CBDs/MSPAs have a negotiated exaction approach
 - White Oak pro-rata share district is underway
 - Over time, both currently defined policy areas and future areas like some BRT stations may change to reflect local needs.





Pro-rata share

Negotiated Exaction Impact Mitigation

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1. Transportation funding mechanisms





Why have tests, exactions, and fees?

The overarching objectives of the full suite of LATR, TPAR, and impact tax programs is to:

- Ensure master planned public facilities are being implemented in a timely manner consistent with master planned economic growth
- Have new development contribute a fair share of the planned public facilities

Approach has fiscal, legal, and societal equity perspectives (i.e., many constituents want to see tangible public facility or service benefits associated with welcoming new neighbors)





Transportation funding relational concept



Boundaries aren't this clear (often on purpose) Legal processes (SSP and Section 52 of Code) are different Policies are designed to credit overlaps (and often do)





Transportation funding relational concept



If the blobs were made proportional to capital funding they'd probably look somewhat closer to this....





CIP revenues



Source: 2012-2016 Subdivision Staging Policy Appendix 3

A small portion of the County's Capital Improvement Program is funded by development fees. This reflects:

- The fact that many capital projects are lifecycle replacements
- County policy that private and public sectors should partner in implementing master planned projects

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Impact Tax Calculation

The last transportation impact tax calculations date to 2009

	Single-family residential	Multi-family residential	Office	Retail	Industrial	Other commercial
A. Forecast growth, 2005-2030	26,645 DU	67,655 DU	119,533 jobs	18,232 jobs	12,208 jobs	20,027 jobs
B. Square footage of commercial space			29,883,250	7,292,800	5,493,600	10,013,500
C. Vehicle trip generation rates	9.57 per DU	6.72 per DU	3.30 per job	21.47 per KGSF ³	2.77 per job	2.77 per job
D. Daily vehicle trip ends by land use type	254,993	454,642	394,459	156,577	33,816	55,475
E. Percentage of total daily vehicle trip ends	18.9%	33.7%	29.2%	11.6%	2.5%	4.1%
F. Proportional allocation of \$1,182M estimated local capital cost for facility expansion, 2005-2030	\$223M	\$398M	\$345M	\$137M	\$30M	\$49M
G. Resultant unit impact tax rates	\$8,380 per DU	\$5,884 per DU	\$11.56 per GSF	\$18.80 per GSF	\$5.39 per GSF	\$4.85 per GSF

Table 3.1. Derivation of Recommended Transportation Impact Tax Rates

Source: 2007-2009 Growth Policy Infrastructure Financing Chapter

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Impact Tax Calculation

The same analysis led to the \$11,000 / peak hour vehicle trip value (since adjusted for inflation) used in LATR.





Next Steps

Opportunities for combining LATR/TPAR/impact tax other than in new pro-rata share districts:

- Consideration of policy objectives what to incent:
 - Development types?
 - Geographic location?
 - Development size?
- Contemplation of broad policy adjustments: might certain MSPAs replace LATR/TPAR/taxes with a non pro-rata (defined contribution rather than defined benefit) ad valorem tax?
- Coordination on SSP and Section 52 amendment proposals
- Collaboration with other constituents



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2. Bethesda pro-rata share concepts





Pro-Rata Concept

private sector funding for total system supply

PRO RATA SHARE =

unit of development demand

Simple, powerful, flexible concept.

Requires fairly extensive context-sensitive development:

- What functional objectives should the system achieve (i.e., how to define supply and demand)?
- " Geographic area?
- Type/timeframe of improvements?
- " Interim monitoring / measurement?

Once established, private-sector participation is streamlined.





Successful pro-rata share district elements:

- Compact geographic area
- " Common stakeholder interests
- Inventory of unbuilt transportation system and private development
- " Reflects needs and interests of constituents
- Coordinated with state, regional, and local implementers and operators
- Includes regular monitoring and revision processes and schedules

Examples: Delaware TID, Florida MMTDs, special districts in Baltimore, MD and Portland, OR.



MONTGOMERY Planning

Customizing pro-rata share

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Characteristic	White Flint	White Oak	Bethesda?
Funded by	Special taxing district	LATR fee in lieu	TBD
Applies to	All commercial properties	New development	New development?
Funding for	Agreed upon set of multimodal projects	Intersection improvements TBD	Bikesharing? Streetscaping? Buffered bike lanes? One-way streets? Purple Line?
Calculation basis	Capital cost of projects	Capital cost of projects	Capital cost of projects?
Payment basis	Annual ad-valorem tax	One-time vehicle trip generation fee	One-time person trip generation fee?
Replaces	LATR, TPAR, and impact tax	LATR	LATR, TPAR and impact tax?
Includes transit facilities?	Yes, as negotiated	No	BRT?
Includes operations?	No	No	TMD/parking? Transit?
Extends beyond plan area?	No	TBD	355 North?
Interim monitoring?	Staging plan, TMD biennial reports, mode shares	TMD biennial reports, other?	TMD biennial reports, other?
Costs updated?	Never?	TBD	Every 4 years?
	New York		

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3. TPAR transit test refinement







Transit Ad	equacy A	nalysis TPA	R 2012	
Policy Areas "Urban" Silver Spring/Takoma Park North Bethesda Kensington/Wheaton Bethesda/Chevy Chase	Number of Bus Routes 35 15 29 17	Coverage Area within 1 mile of rail; 1/3 mile of bus (percent) 96% 87% 82% 81%	Peak Headway by Bus in PM Peak Hour (minutes) 18.2 21.3 20.7 20.4	Span Duration of Weekday Bus Service (hours) 18.9 17.7 18.5 17.4
Rockville City Derwood	16 7	80% 70%	21.2 21.1 maximum	17.8 18.8 minimum
Inadequate versus the Standards shown	xx.x	80%	14.0 *	17.0
"Suburban"				
R & D Village Gaithersburg City Fairland/White Oak Germantown West Montgomery Village/Airpark Aspen Hill Germantown East Cloverly North Potomac	5 10 14 9 9 11 5 2 7	76% 75% 48% 48% 47% 44% 39% 30% 29%	25.8 20.0 19.1 21.8 21.0 19.9 21.4 26.5 24.3	15.6 17.6 18.8 18.6 17.9 19.3 17.8 8.0** 17.0
Olney Potomac Clarksburg Inadequate versus the Standards shown	5 10 2 xx.x	26% 23% 16% minimum 30%	25.0 21.1 30.0 maximum 20.0	22.3 16.4 14.1 minimum 14.0
"Rural" Rural West Damascus Rural East Inadequate versus the Standards shown	1 1 1 xx.x	8% 7% 7% minimum 5%	30.0 20.0 20.0 maximum 30.0	6.3 ** 15.7 15.7 minimum 4.0

- Current transit measures of
 effectiveness are coverage,
 headway, and span of service
 for a 10-year forecast period
 Development in areas found
 inadequate (in yellow) pay a
 Transportation Mitigation
 Payment defined as a
 proportion of the transportation
 impact tax
- Benefit: links directly to County transit service policies
 Limitation: does not reflect benefit of moving transit vehicles <u>faster</u>, which is a primary benefit of master planned BRT and LRT facilities on exclusive right-of-way









- Two new measures of transit system adequacy under review.
- Ø Both compare transit and auto performance relative to each other
- Both are viewed as an <u>addition</u> to the TPAR definition of adequacy, <u>not a replacement</u> for the current definitions
- Option 1 (Mobility): How much
 County transit riders can
 bypass traffic delays
- Option 2 (Accessibility): How many regional jobs are available to County residents by transit or by car?



TPAR Option 1: Mobility

- Considers Person Miles of Travel (PMT) by auto and by transit
- Focuses on non-regional, surface facilities (excludes Metrorail and MARC as well as freeways)
- Examination of transit Quality of Service is one of several metrics under consideration

Sample Concept for TPAR Multimodal/Transit MOEs August 31, 2015 Discussion

AM Peak Period

		Auto Info						Transit Info			Multimodal Efficiency												
						Average								Average						Transit	Transit		Average
		VHT	VHT			Vehicle	Speed							Vehicle			Total			Mode	QOS	Multimodal	Vehicle
Policy Area	VMT	(FF)	(Cong)	PMT	PHT	Occupancy	(FF)	(Cong)	TTI	VMT	VHT	PMT	PHT	Occupancy	Speed	Total VMT	VHT	Total PMT	Total PHT	Share	(Speed)	Travel Speed	Occupancy
Sample Exurban	40000	1200	1500	44000	1650	1.1	33.3	26.7	1.25	180	14.4	4 1000	80	5.6	12.5	40180.0	1514.4	45000.0	1730.0	2.2%	0.47	26.01	1.12
Sample Suburban	60000	2000	3000	66000	3300	1.1	30.0	20.0	1.50	250	20.8	3000	250	12.0	12.0	60250.0	3020.8	69000.0	3550.0	4.3%	0.60	19.44	1.15
Sample Urban	30000	1200	3000	33000	3300	1.1	25.0	10.0	2.50	125	15.0	2000	240	16.0	8.3	30125.0	3015.0	35000.0	3540.0	5.7%	0.83	9.89	1.16
Freeways	20000	350	500	22000	550	1.1	57.1	40.0	1.43	100	2.5	5 2000	50	20.0	40.0	20100.0	502.5	24000.0	600.0	8.3%	1.00	40.00	1.19
Metrorail	0	() 0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	20	1.6	5 5000	400	250.0	12.5	20.0	1.6	5000.0	400.0	100.0%	#DIV/0!	12.50	250.00
MARC	0	0	0 0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	6	0.2	2 1000	40	166.7	25.0	6.0	0.2	1000.0	40.0	100.0%	#DIV/0!	25.00	166.67
Total	150000	4750	8000	165000	8800	1.1	31.6	18.8	1.68	681	54.6	5 14000	1060	20.6	13.2	150681.0	8054.6	179000.0	9860.0	7.8%	0.70	18.15	5 1.19

Notes:

Input values from MWCOG model in blue cells

May need to infer PMT for autos (1.1 coded in example above) or use a regional approach to address average occupancy

Transit VMT based on individual route coding with headway info expanded to 3 hour peak

Transit QOS / Speed expected to be a primary policy area objective linked to TRB's TCQOS; one key is to know how much it improves with BRT (CCT and Purple Line are 2040 CLRP indicators)



TPAR transit refinement

TPAR Option 2: Accessibility

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- Considers Multimodal Accessibility (MMA)
- Auto and transit accessibility to regional jobs, considering decayweighted value of travel time by each mode.
- Relationship between auto and transit accessibility (Transit/Auto Ratio, or TAR) can be converted to a transit Quality of Service letter grade:





TPAR transit refinement

TPAR Option 2: Accessibility

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- Relationship between auto and transit accessibility (Transit/Auto Ratio, or TAR) can be converted to a transit Quality of Service letter grade:









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M-NCPPC LATR & TPAR Status Update





















4. Trip generation



Table 2-1: Number of Weekday Peak Hour Trips Generated by General Office



m chart at left.

> PM 22

> 34 45 56

63 78 92

106 121 135

Trip generation update

Ge	eneral		Spec	ial Cases	
Bldg Size	Wee	kday	If a building is within 1,000 fe	et of a Metromi	etation and
F of GFA)	Peak-He	our Trips	the Beltway, reduce weekday		
	AM	PM	Straight Line Distance to	Percent Re	duction in
5,000	7	11	Station (in feet)	AM	F
10,000	14	22	0	50%	40%
15,000	21	34	50	50%	38%
20,000	28	45	100	50%	36%
25,000	35	56	150	50%	34%
30,000	43	63	200	50%	32%
40,000	60	78		0.000	
50,000	77	92	250	50%	30%
50,000	94	106	300	50%	28%
70,000	111	121	350	50%	26%
30,000	128	135	400	50%	24%
90,000	145	150	450	50%	22%
00,000	162	164	500	50%	20%
10,000	179	178	550	50%	18%
20,000	196	193	600	50%	16%
30,000	213	207	650	50%	14%
40,000	230	222	700	50%	12%
50,000	247	236	750	50%	10%
60,000 70,000	264 281	250 265	800	50%	8%
80,000	298	205	850	50%	6%
90,000	315	294	900	50%	4%
00,000	332	308	950	50%	2%
20,000	366	337	1,000	50%	0%
40,000	400	366	100.0010		1000
60,000	434	394	Bldg Size		eekday
80,000	468	423	(SF of GFA)		Hour Trips
00,000	502	452	5,000	AM 7	1
20,000	536	481	10,000	14	
40,000	570	510	15,000	21	
60,000	604	538	20,000	28	
80,000	638	567	25,000	35	
00,000	672	596	30,000	43	
20.000	706	625	40,000	60	
40,000	740	654	50,000	77	
60,000	774	682	60,000	94	1
80,000	808	711	70,000	111	1
00,000	842	740	80,000	128	1
Equat	ions Used	1000	Equa	tions Used	
M peak-hour trip M peak-hour trip			AM peak-hour trips =	= 1./0(GFA/10	JUJ + 115

PM peak-hour trips = 2.24(GFA/1000) 25,000 sf and over AM peak-hour trips = 1.70 (GFA/1000) - 8 PM peak-hour trips = 1.44(GFA/1000) + 20

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PM peak-hour trips = 1.44(GFA/1000) + 127 Note: Trip generation rates are calculated using the size of individual buildings, not the combined size of a group

Current LATR trip generation rates:

- For vehicles only
- Reflect proximity to Metrorail for office buildings only
- Reflect "unique" urban environments in Bethesda, Friendship Heights, and Silver Spring CBDs
- Based on outdated local observations for common land uses
- Can be replaced with ITE Trip Generation data, which is also vehicles only, suburban, and sometimes dated
- " May result in over-designed roadways and unwarranted exaction of development





Trip generation update



National trends include movement toward mode-specific and context sensitive trip generation rates:

- ITE Trip Generation Handbook "thinking" in person trips
- Jurisdiction-specific guides and studies such as New York City and Washington, DC
- Data collection techniques that entail intercept surveys in addition to counts
 - Trip generation estimation tools
 modules that reflect local
 environment based on national
 database relationships for D's
 (density, diversity, design, etc.)



Trip generation update

Mode-specific trip generation rates will support mode-specific LATR analysis requirements. Fewer applications will conduct any type of study; only the largest applications will conduct quantitative ped or transit studies.

	Overall			Auto	Transit	Bicycle	Pedestrian
Proposed Thresholds	75			75	50	100	100
	persons	Auto drivers plus passengers	Average Vehicle Occupancy	vehicles	riders	persons (in places with bike propensity)	persons
Example peak hour mod	al splits	68%	1.2	57%	14%	2%	16%
Office - person trips by n	node at various lev	els of development in	ntensity:	Vehicle trips	Transit trips	Bicycle trips	Pedestrian trips
25000 GSF	55	37		31	8	1	9
75000 GSF	165	112		94	23	3	26
125000 GSF	276	188		156	39	6	44
175000 GSF	386	262		219	54	8	62
225000 GSF	496	337		281	69	10	79
275000 GSF	607	413		344	85	12	97
325000 GSF	717	488		406	100	14	115
375000 GSF	827	562		469	116	17	132
	938	638		532	131	19	150
425000 GSF	550						





Trip generation update



Analytic approach

- Based on Transportation Research Board guidance (NCHRP 758)
- Utilizes TRAVEL/4 model
 relationships to develop
 context-sensitive mode shares
 by policy area and land use
 type (LATR Guidelines lookup
 table)
- Applies post-processing approach to apply additional mode shift factors for proximity to fixed-guideway transit stations and unbundled parking



Trip generation update

		Residential	Office	Retail	Other
1	Aspen Hill	97%	98%	99%	97%
2	Bethesda CBD	79%	63%	61%	62%
3	Bethesda/Chevy Chase	87%	81%	85%	79%
4	Cloverly	99%	100%	100%	100%
5	Damascus	100%	100%	100%	100%
6	Derwood	94%	94%	87%	94%
8	Gaithersburg City	88%	86%	74%	85%
9	Germantown East	95%	90%	95%	91%
10	Germantown West	93%	87%	92%	88%
11	Germantown Town Center	85%	89%	77%	88%
12	Kensington/Wheaton	91%	92%	96%	92%
13	Montgomery Village/Airpark	93%	100%	93%	100%
14	North Bethesda	83%	87%	71%	82%
15	North Potomac	97%	100%	100%	100%
16	Olney	99%	100%	99%	100%
17	Potomac	97%	98%	96%	98%
18	R&D Village	89%	88%	80%	90%
19	Rockville City	88%	94%	87%	98%
20	Silver Spring CBD	77%	65%	58%	65%
21	Silver Spring/Takoma Park	83%	83%	82%	84%
22	Wheaton CBD	85%	85%	76%	84%
24	Grosvenor	81%	84%	75%	80%
25	Twinbrook	81%	80%	74%	79%
26	White Flint	79%	78%	72%	78%
32	Glenmont	90%	91%	96%	91%
33	Clarksburg	100%	100%	100%	100%
34	Shady Grove Metro Station	89%	88%	77%	88%
35	Friendship Heights	78%	70%	73%	70%
36	Rockville Town Center	79%	80%	70%	79%
37	Rural West	100%	100%	100%	100%
38	Rural East	99%	99%	98%	100%
40	White Oak	89%	90%	91%	88%
41	Fairland/Colesville	96%	96%	99%	97%

Basic lookup table in LATR Guidelines for baseline vehicle trip reduction from ITE rates Policy Area specific vehicle trip generation rate adjustments

- Based on identifying mode splits by land use type by trip purpose type
- Reflects reduction from basic
 ITE rate (assumed applied to
 Rural West policy area)
- Results in adjustment factorlookup table as indicated at left



Trip generation update

- Transit proximity factor ["] Pivots from basic trip adjustment factor as starting point
 - Allows individual site to compare proximity to Metrorail/MARC against policy area average

Shift in transit mode from WMATA survey data to be applied in selected policy areas. For instance, in CBDs, would need walking distance within ~1,000 of Metrorail feet to get further discount based on pivoting from MWCOG model rates.





Trip generation update

- Parking management factor
 - Pivots from basic trip adjustment factor as starting point
 - Allows individual site to reduce vehicle trip rates based on parking reduction
 - Would apply in areas where land use densities suggests parking management may be effective at changing mode share
 - May be limited to areas with Transportation Management Districts to aid with management and monitoring
 - Not applicable in Parking Lot Districts



Next steps

<u>LATR</u>

- Develop draft changes to LATR Guidelines (summer 2015)
- Review / refine with TISTWG (fall 2015)
- Develop final recommendations/report (winter 2015)
- Present to Planning Board (early 2016)*

<u>TPAR</u>

- Assess changes (summer 2015)
- " Review/refine with partner agency staff (fall 2015)
- Develop final recommendations/report (winter 2015)
- Present to Planning Board (early 2016)*

Trip Generation

- Develop/refine approach (summer 2015)
- " Review/refine with partner agency staff (fall 2015)
- " Develop final recommendations/report (winter 2015)
- " Present to Planning Board (early 2016)*
- * additional status roundtable discussions to be held in 2015

