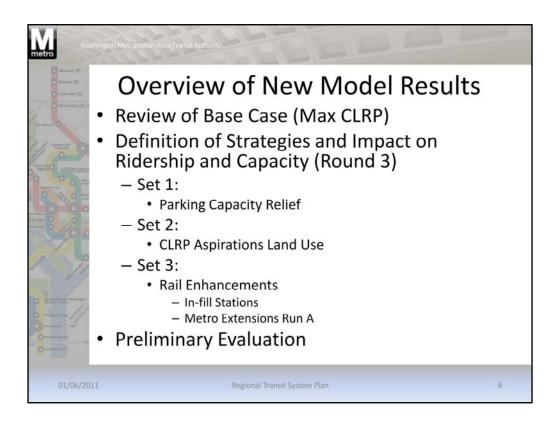




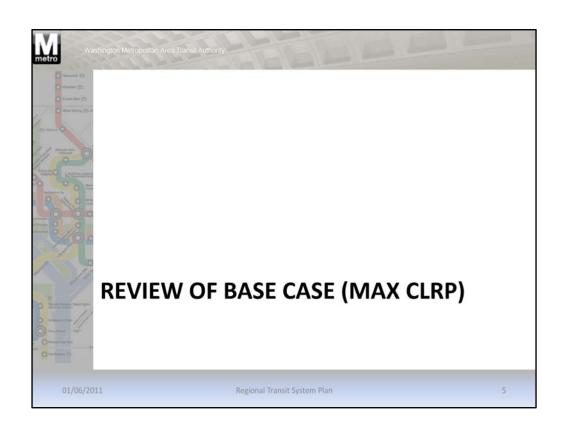
Meeting Agenda

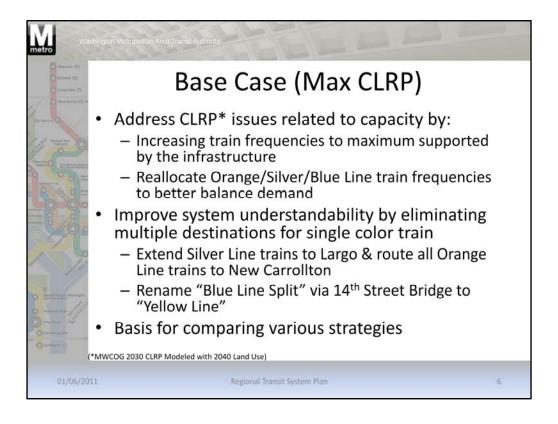


Proposed Public Engagement Strategy for the RTSP

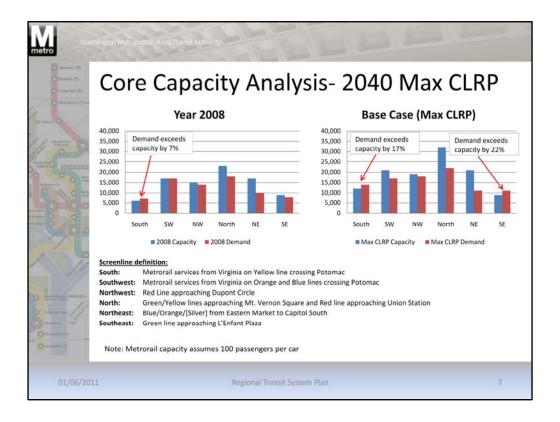


Overview of Recent Model Results and Preliminary Evaluation

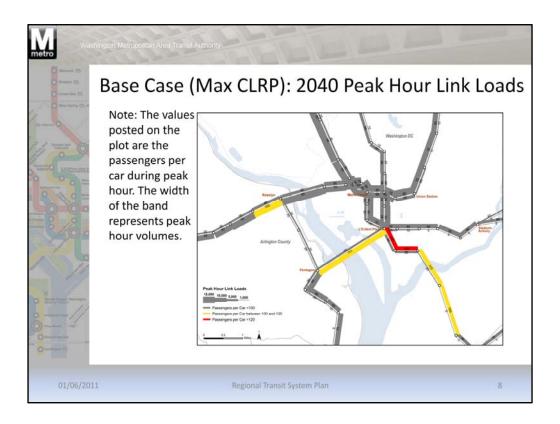




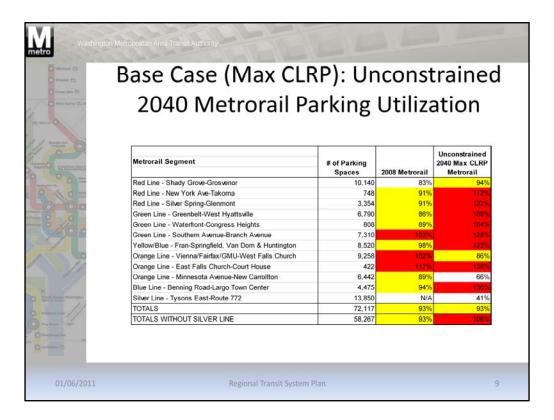
The Base Case (Max CLRP) of analysis included the assumptions above.



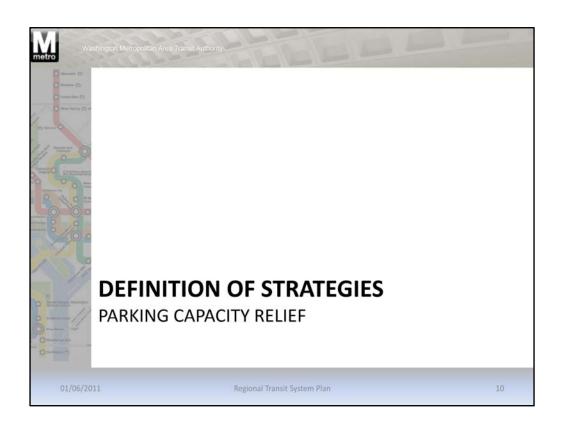
The graphics above show demand and capacity in 2008 and under the Max CLRP.



The graphic above shows the peak hour link loads on Metrorail trains in 2040. The gray color represents fewer than 100 passengers per car; yellow indicates between 100 and 120 passengers per car and the red represents over 120 passengers per rail car.

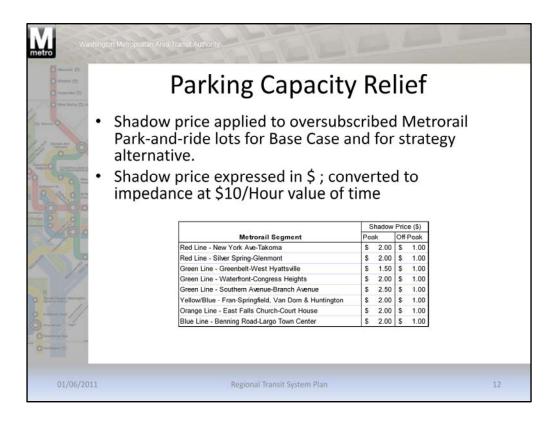


The graphic above shows the Metrorail Parking Utilization on several Metrorail segments under the Base Case and the Unconstrained 2040 Max CLRP.

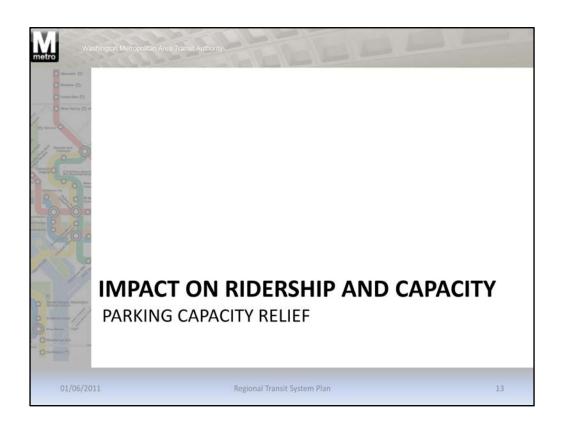


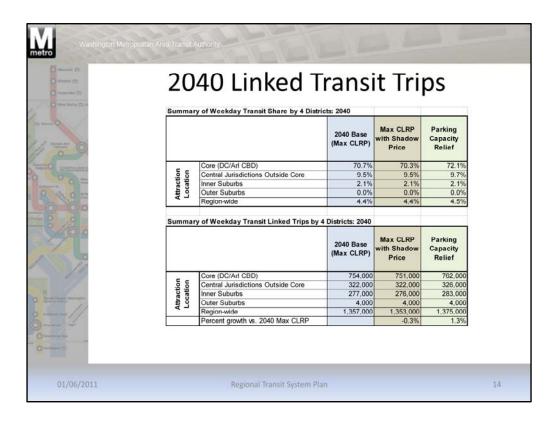
station Shuttle	rect shuttle bus n. e service at 10 m	service ninute p	between	0 minute off-p	g location and	cy.
Shado	w price oversubs	scribed # of Parking Spaces	Metrorail Unconstrained 2040 Max CLRP Metrorail Parking Utilization	park-and-ride	lots (Base Ca	se and Stra
R	ed Line - Shady Grove-Grosvenor	10,140	94%	Urbana (South Lot)	MD 80 & I-270	Shady Grove Metrorail
	ed Line - Silver Spring - Glenmont	3,354	3555655	Burtonsville and Calvert County Fairgrounds	US 29 & MD 198/Calvert County Fairground	Glenmont Metrorail
G	reen Line - Waterfront-Congress eights	3,334	104%	Equestrian Center	MD 4 & Water Street	Branch Avenue Metrora
G	reen Une - Southern Avenue - ranch Avenue	7,310		St. Charles Towne Ctr @ JC Penney and Dick's Sporting Goods and behind JoAnn's	11110 Mail Circle and MD 301 & Smallwood Drive	Branch Avenue Metrora
Ye Sp	illow/Blue Line - Fran- oringfield, Van Dorn & untington	8,520		Fredericksburg (NEW); Prince William Pkwy Transit Center (PRTC) (NEW); Massaponax (NEW);	Fredericksburg ( Rte 17 & RT 1); Massaponax (I-95 & Spotsylvania Pkwy); Prince William Pkwy Transit Center (PRTC) (I-95 & Telegraph Road)	Franconia-Springfield Metrorail
W	range Line- Vienna/Fairfax - est Falls Church	9,258	86%	Stone Road-US 29; Stringfellow Road; Sully Station; Bull Run @ 234/Sudley Road; VA 234 Bypass @ US 29; and Haymarket @ US 15	VA Bypass & US 29;VA 234 Bypass/Cushing Road; VA 234 & Sudley Road; Stone Road-US 29; US 15 in Haymarket	Vienna Metrorail Static
	ue Line - Benning Road-Largo own Center	4,475	136%	Harry S. Truman	Harry S. Truman & Riva Road	Largo Town Center Metrorail

The Parking Capacity Relief Strategy consists of Metrobus shuttles with the above service frequencies between various park-and-ride lots and end-of-the-line Metrorail Stations.



The Shadow Price is applied to those Metrorail Park-and-Ride Lots which are oversubscribed. Another way to look at the shadow price is the use of congestion pricing policies.





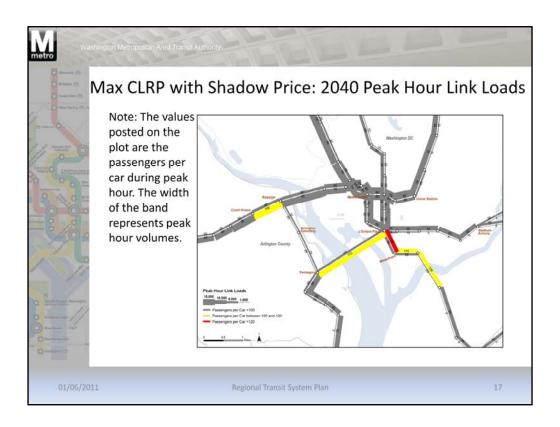
The charts above show the number of linked transit trips for the Base Case, Base Case with Shadow Price and the Parking Capacity Relief.

2040 Transit Boarding					
		2040	2040 Transit Boardings		
		2040 Base (Max CLRP)	Max CLRP with Shadow Price	Parking Capacity Relief	
	Metrorail (Fare gate to fare gate)	1,055,000		1,060,00	
	Commuter Rail	51,000		45,00	
	Metrobus Other Bus	555,000		558,00	
	Other Bus Streetcar/LRT	193,000 65.000		187,00 66.00	
	BRT / Rapid Bus	65,000	0.000	30,00	
	Total Transit Boardings	1,919,000		1,946,00	
	% Growth vs. 2040 Max CLRP	.,55,666	-0.1%	1.4	
Metrora	il Boardings by Line (2040)				
		2040 Base (Max CLRP)	Max CLRP with Shadow Price	Parking Capacity Relief	
Red	Shady Grove - Glenmont	466,000		466,40	
Yellow 1	Huntington - Mount Vernon Square	126,300		125,20	
Yellow 2		53,500		52,90	
Green1	Greenbelt - Branch Avenue	199.600		205.40	
Blue 1	Franconia - Largo Town Center  Vienna - New Carrollton	164,800		163,00	
	r vierina - New Carrollton	202,100		212,80 141,90	
Orange		142.000			
	VA 772 / Dulles North - Stadium Armory Dulles - Largo Town Center	142,200 60,200		58,70	

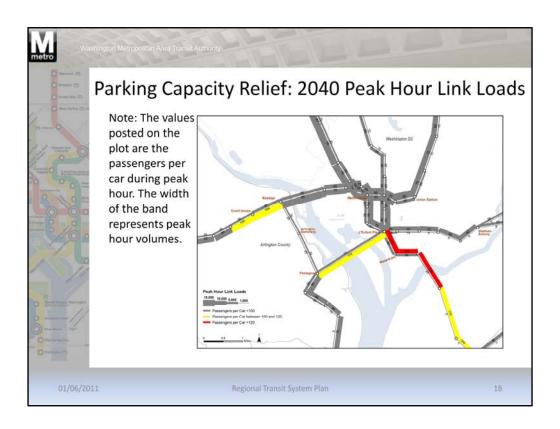
The charts above show the number transit boardings for the 2040 Base Case, Base Case with Shadow Price and the Parking Capacity Relief.

		Parking Lo	t Utilization	
Metrorail Segment	2008 Base	Unconstrained 2040 Max CLRP	2040 Max CLRP with Shadow Price	2040 Parking Capacity Relie
Red Line - Shady Grove-Grosvenor	83%	94%	98%	989
Red Line - New York Ave-Takoma	91%	112%	99%	999
Red Line - Silver Spring-Glenmont	91%	122%	100%	989
Green Line - Greenbelt-West Hyattsville	86%	109%	98%	969
Green Line - Waterfront-Congress Heights	89%	104%	97%	959
Green Line - Southern Avenue-Branch Avenue	103%	128%	113%	1121
Yellow/Blue - Fran-Springfield, Van Dorn & Huntington	98%	123%	113%	113
Orange Line - Vienna/Fairfax/GMU-West Falls Church	102%	86%	90%	869
Orange Line - East Falls Church-Court House	117%	138%	111%	1111
Orange Line - Minnesota Avenue-New Carrollton	89%	66%	92%	939
Blue Line - Benning Road-Largo Town Center	94%	136%	105%	1049
Silver Line - Tysons East-Route 772	N/A	41%	40%	389
TOTALS	93%	93%	89%	889
TOTALS WITHOUT SILVER LINE	93%	106%	101%	1009

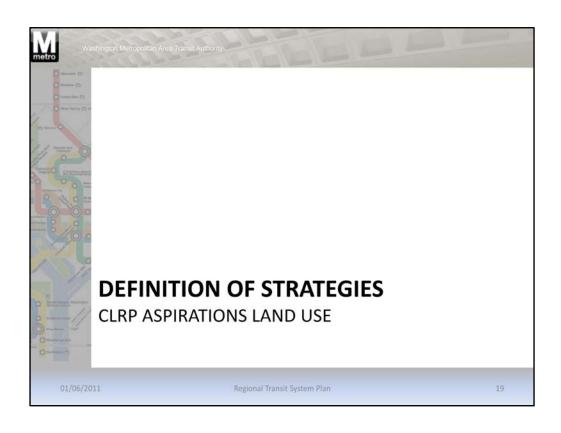
The graphic above shows the Metrorail Parking Utilization on several Metrorail segments under the Base Case, Base Case with Shadow Price and with the Parking Capacity Relief.

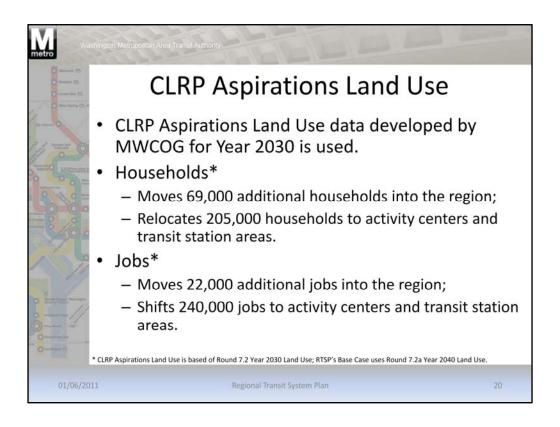


The graphic above shows the peak hour link loads on Metrorail trains in 2040 with the Shadow Price. The gray color represents fewer than 100 passengers per car; yellow indicates between 100 and 120 passengers per car and the red represents over 120 passengers per rail car.

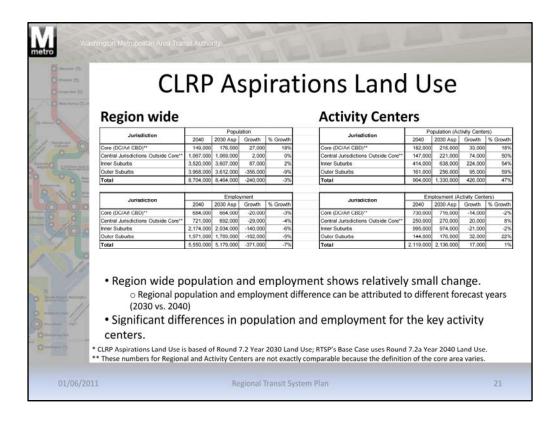


The graphic above shows the peak hour link loads on Metrorail trains in 2040 with the Parking Capacity Relief. The gray color represents fewer than 100 passengers per car; yellow indicates between 100 and 120 passengers per car and the red represents over 120 passengers per rail car.

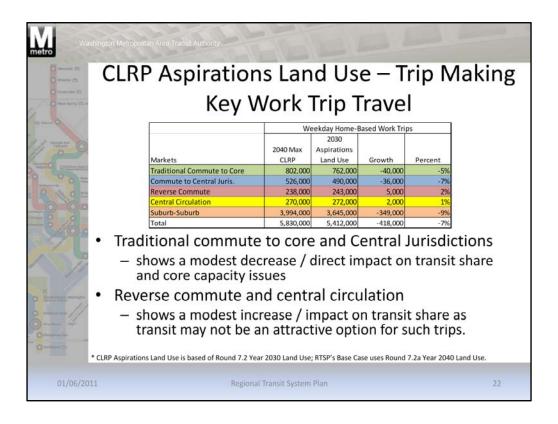




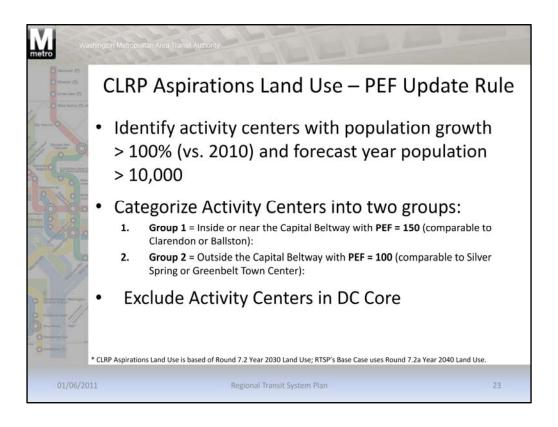
The CLRP Aspirations Land Use Strategy uses the Land Use data developed by the MWCOG for the Year 2030 and attempts to balance the regions jobs and housing using the above assumptions.



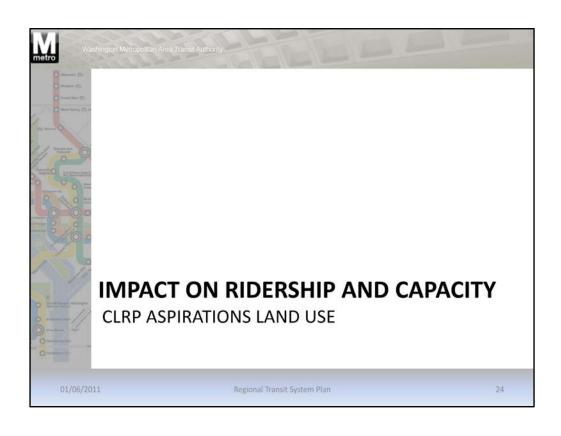
The slide above shows the region's population, employment and activity center growth for the 2030 and 2040 forecast years.

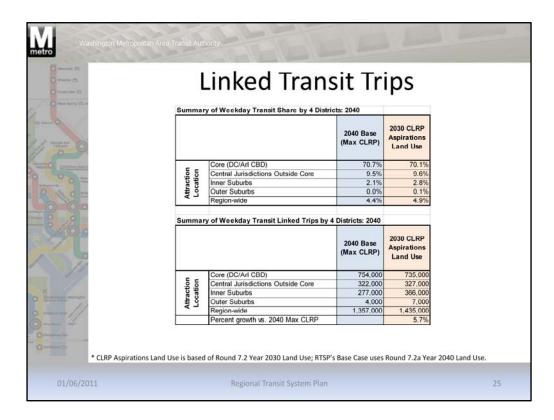


The chart above shows the Key Work Trip Travel for the 2030 CLRP Aspirations Land Use Study and the 2040 Max CLRP.

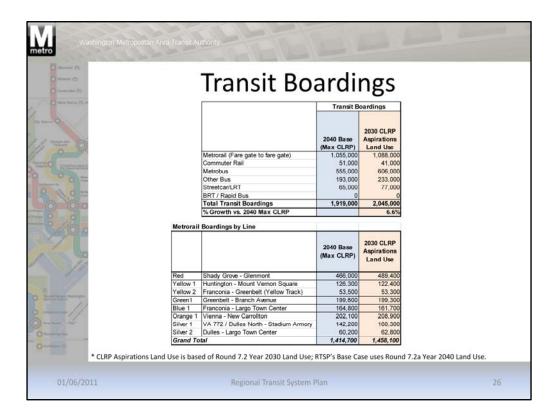


The CLRP Aspirations Land Use Strategy was also analyzed using the Pedestrian Environment Factor (PEF) Update.





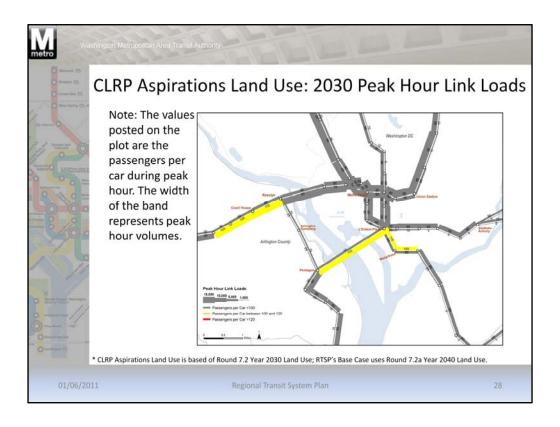
The charts above show the number of linked transit trips for the Base Case and the 2030 CLRP Aspirations Land Use.



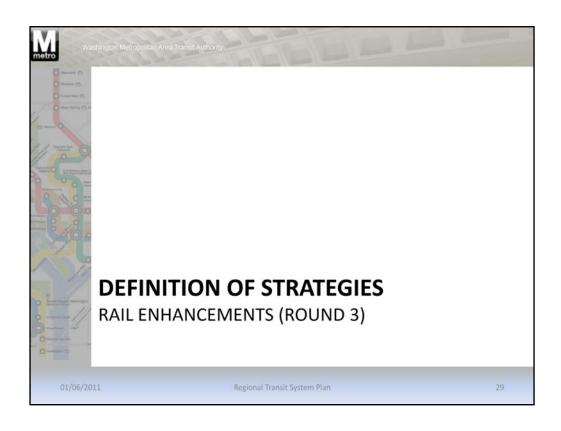
The charts above show the number of transit boardings for the Base Case and the 2030 CLRP Aspirations Land Use.

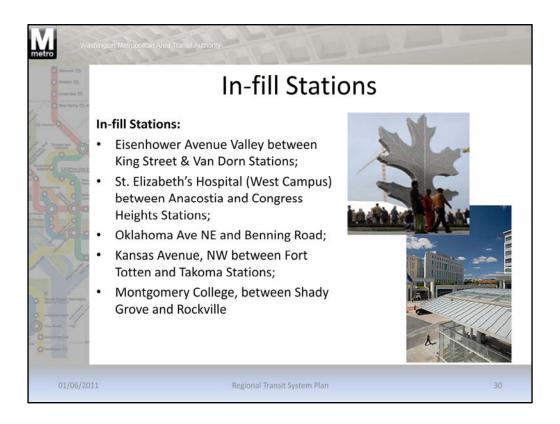
		Parl	tion	
	Metrorail Segment	2040 Base (Max CLRP)	2030 CLRP Aspirations Land Use	% Change
Red Line	- Shady Grove-Grosvenor	94%	85%	-10
Red Line	- New York Ave-Takoma	112%	102%	-9
Red Line	- Silver Spring-Glenmont	122%	118%	-3
Green Lin	e - Greenbelt-West Hyattsville	109%	101%	-{
Green Lin	ne - Waterfront-Congress Heights	104%	130%	24
Green Lin	e - Southern Avenue-Branch Avenue	128%	121%	-6
Yellow/BI	ue - Fran-Springfield, Van Dorn & Huntington	123%	111%	-10
Orange L	ine - Vienna/Fairfax/GMU-West Falls Church	86%	79%	-8
Orange L	ine - East Falls Church-Court House	138%	130%	-6
Orange L	ine - Minnesota Avenue-New Carrollton	66%	76%	15
Blue Line	- Benning Road-Largo Town Center	136%	124%	-9
Silver Line	e - Tysons East-Route 772	41%	41%	2
TOTALS		93%	88%	-5
TOTALS	WITHOUT SILVER LINE	106%	99%	-6

The graphic above shows the Metrorail Parking Utilization on several Metrorail segments under the Base Case and the 2030 CLRP Aspirations Land Use and the percentage change in parking lot utilization between the two.

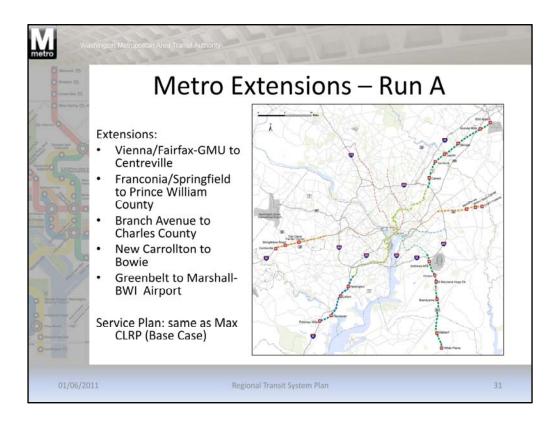


The graphic above shows the peak hour link loads on Metrorail trains in 2030 for the CLRP Aspirations Land Use Strategy. The gray color represents fewer than 100 passengers per car; yellow indicates between 100 and 120 passengers per car and the red represents over 120 passengers per rail car.

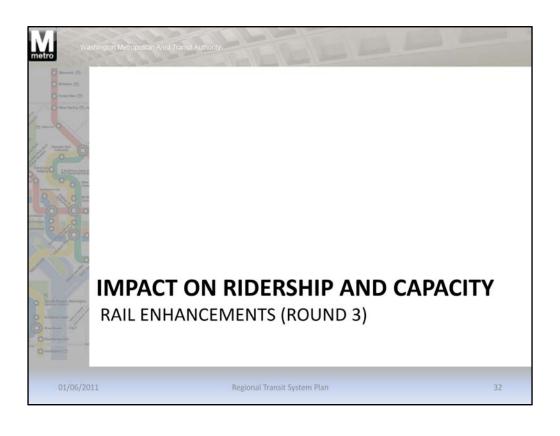


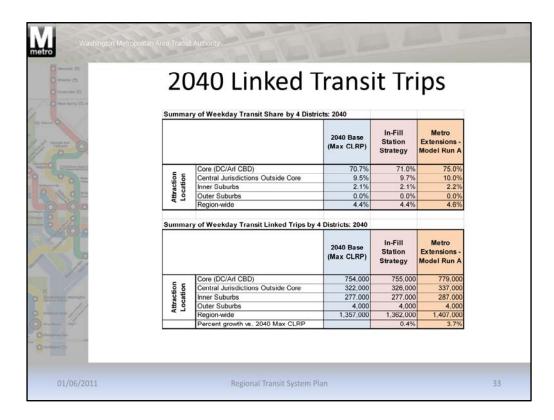


The In-fill Station Strategy is designed to increase access by incorporating a new rail station between two existing rail stations. The locations listed above are potential in-fill stations.

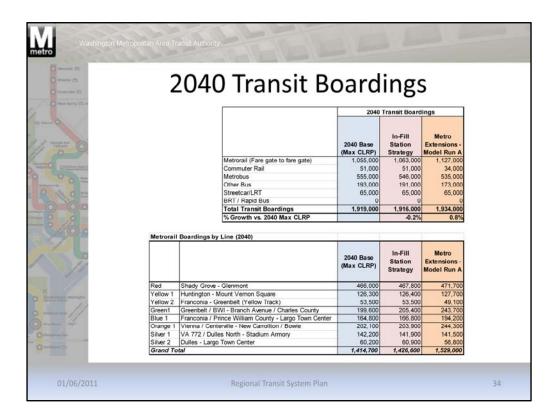


The map above represents the first model run of the Metrorail Extensions Strategy - Run A - which identifies several potential extensions of Metrorail Service from the existing end-of-the-line stations.





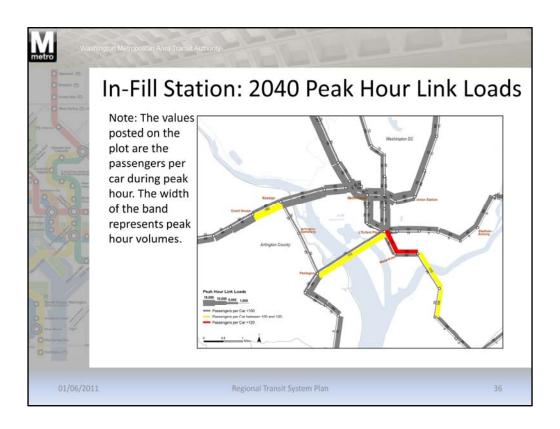
The charts above show the number of linked transit trips for the Base Case, In-Fill Station and Metro Extensions – Model Run A Strategies.



The charts above show the number of transit boardings for the Base Case, In-Fill Station and Metro Extensions – Model Run A Strategies.

ll Stations: 2	040 V	Veek	kday
Station	2040 Base (Max CLRP)	In-Fill Station Strategy	% Change
Van Dorn Street	6,590	6,294	-4%
Eisenhower Valley	0	947	1001//5
King Street	8,622	8,353	-3%
Total	15,211	15,593	3%
Congress Heights	3,889	2,608	-33%
St Elizabeths Hospital	0	9,307	
Anacostia	11,159	7,065	-37%
Total	15,047	18,979	26%
Stadium Armory	3,369	3,039	-10%
Oklahoma Ave / Benning	0	3,219	
Total	3,369	6,258	86%
Takoma	5,222	3,772	-28%
Kansas Ave	0	3,683	
Fort Totten	8,403	7,401	-12%
Total	13,624	14,856	9%
Shady Grove	22,822	21,987	-4%
Montgomery College	0	1,939	
Rockville	10,350	9,799	-5%
Total	33, 172	33,725	2%

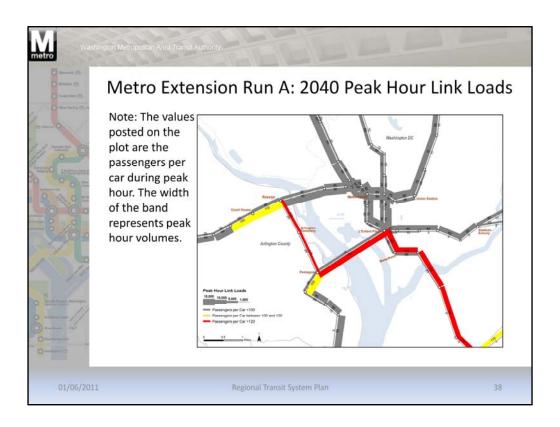
The graphic above shows the number of weekday boardings for the Base Case and the In-Fill Station Strategy at the proposed in-fill station locations.



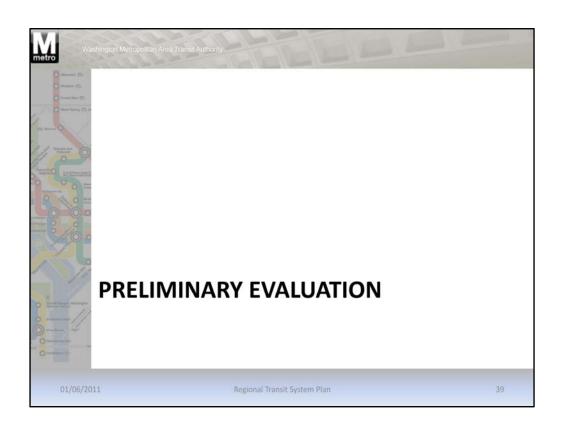
The graphic above shows the peak hour link loads on Metrorail trains for the In-fill Station Strategy. The gray color represents fewer than 100 passengers per car; yellow indicates between 100 and 120 passengers per car and the red represents over 120 passengers per rail car.

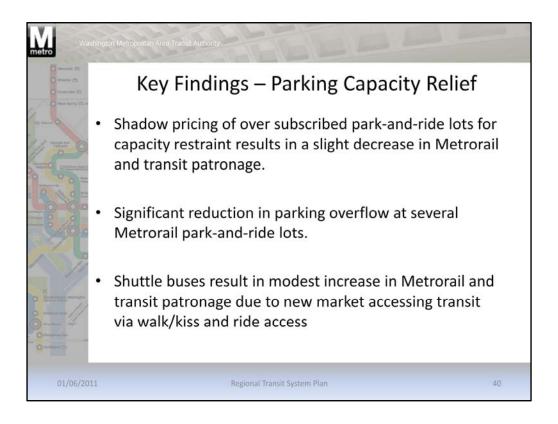
- C	Metro Extension Run A: 2040 Project Ridership			
	Metro Extension Run A Segments	2040 Max CLRP (Base Case)	2040 Metro Extension A	Difference
0 ==	Vienna/Fairfax-GMU to Centreville	31,200	47,800	16,600
- Comment	New Carrollton to Bowie	18,600	42,600	24,000
	Franconia/Springfield to Prince William County	30,200	64,400	34,200
9.0	Branch Avenue to Charles County	27,100	56,800	29,700
	Greenbelt to Marshall-BWI Airport	18,500	34,700	16,200
	Total	125,600	246,300	120,700
ac • Th ac	e 2040 Max CLRP (Base Case) of tivity (ons and offs) at the curre e 2040 Metro Extension A colu tivity (ons and offs) at the curre us the new stations.	ent end of mn shows	the line s the rider	tation ship

The chart above shows the ridership activity for several segments under the Base Case and the Metrorail Extensions Strategy.

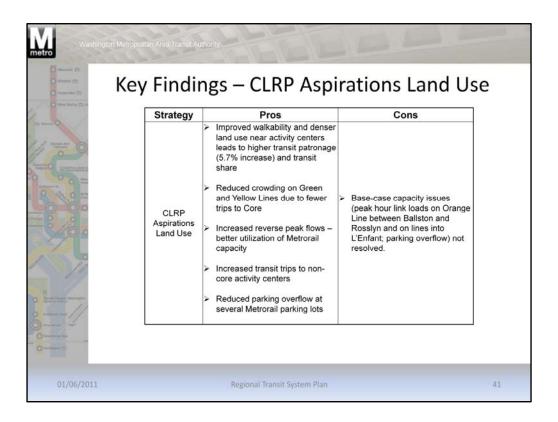


The graphic above shows the 2040 peak hour link loads on Metrorail trains for the Metro Extension - Model Run A Strategy. The gray color represents fewer than 100 passengers per car; yellow indicates between 100 and 120 passengers per car and the red represents over 120 passengers per rail car.

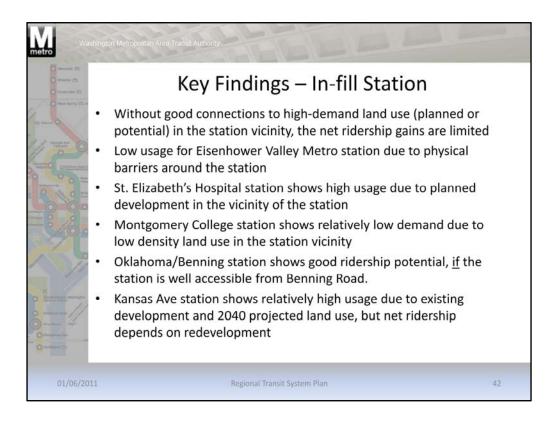




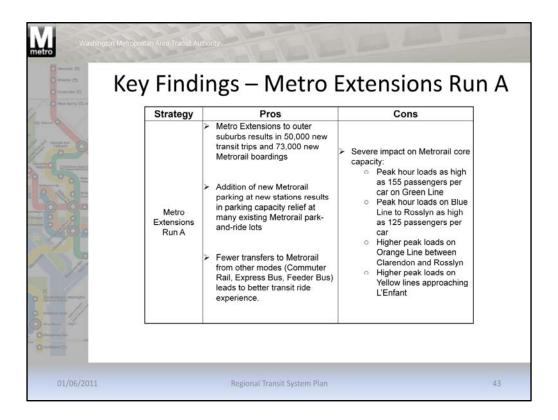
The above slide lists some of the key findings related to the Parking Capacity Relief Strategy.



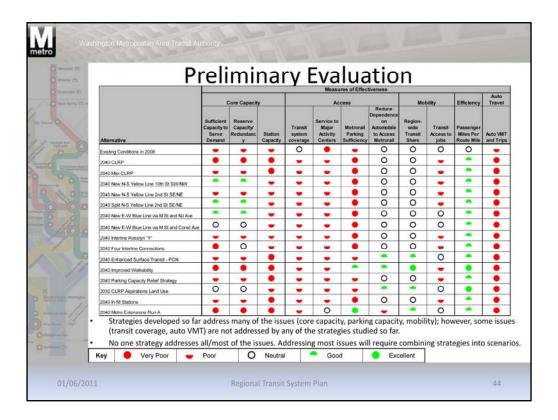
The above slide lists some of the key findings related to the CLRP Aspirations Land Use Strategy.



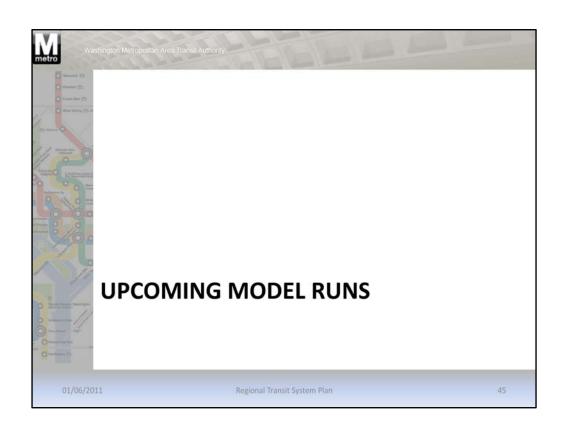
The above slide lists some of the key findings related to the In-fill Strategy.

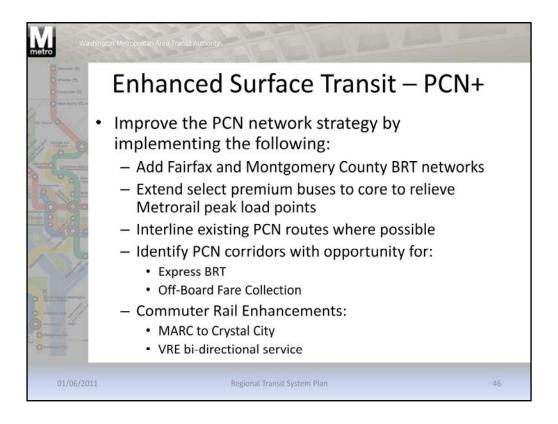


The above slide lists some of the key findings related to the Metro Extensions Run A Strategy.

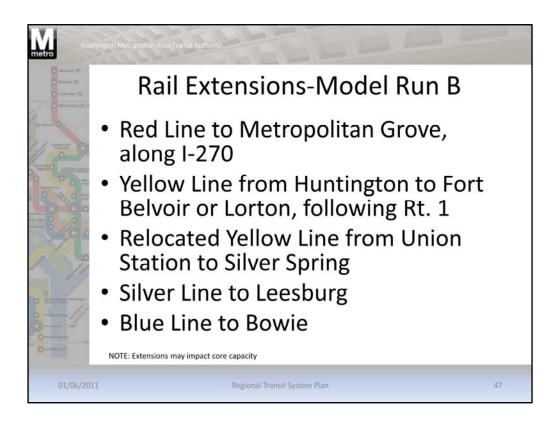


The chart above reflects the preliminary evaluation of the strategies against the Measures of Effectiveness.

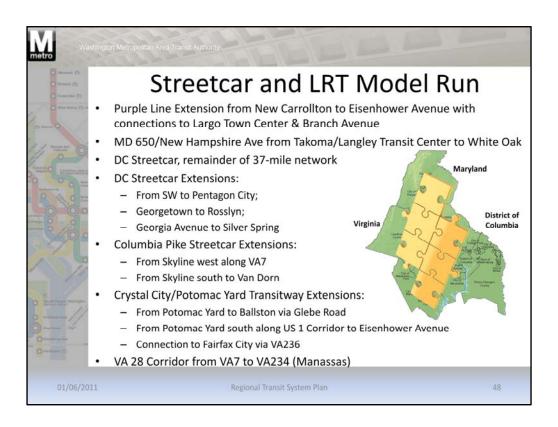




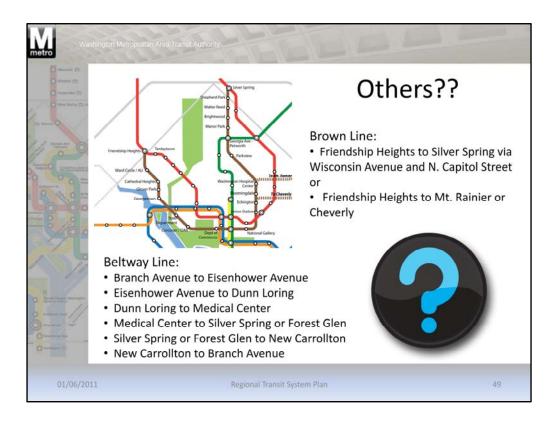
The Enhanced Surface Transit – PCN+ Strategy model run will include the assumptions above.



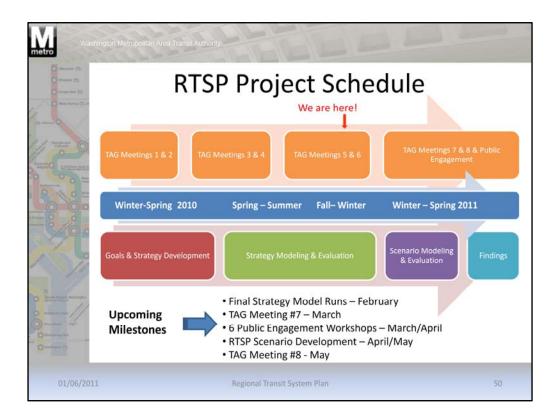
The Rail Extensions – Model Run B will include the above extension segments.



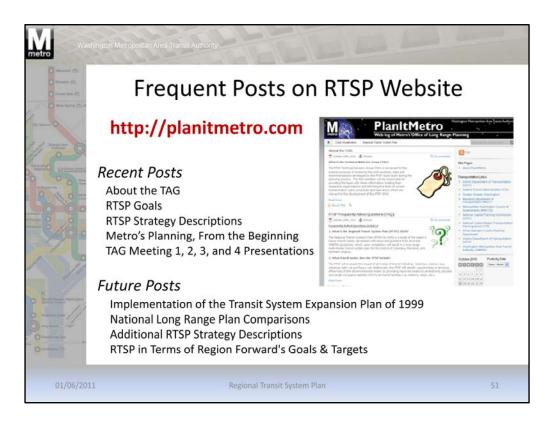
Streetcar and LRT modes will be included in the PCN+ Model Strategy.



We solicited other Model Runs from the TAG to reflect other potential transit services they were interested in analyzing.



The schedule above reflects upcoming RTSP Milestones. This schedule is subject to change without notice.



Future RTSP Blog Posts and links to PlanitMetro.com for additional information.