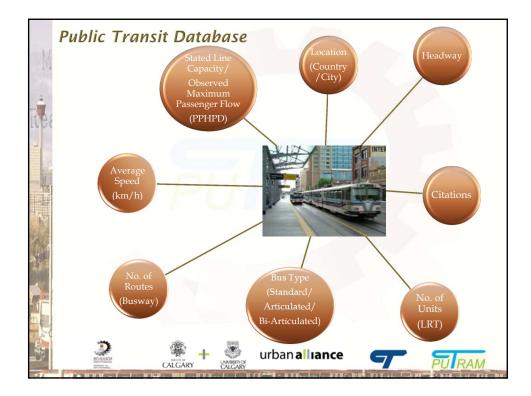
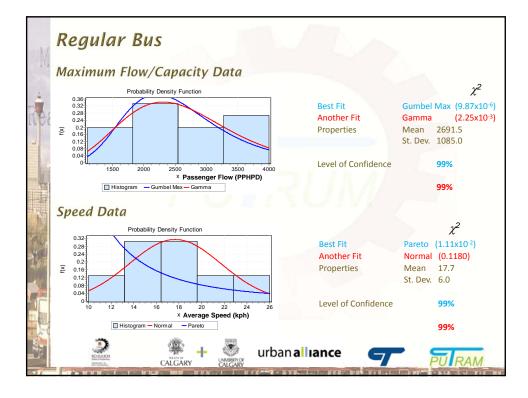


Transit Mode	Typical Features	
	Limited-stop run through selected origins and destinations	
	Mixed traffic	States and States and States
	Articulated buses or Specialized buses	Sector Sector
Bus Rapid Transit	 Scheduled service 	
(BRT)	 Higher fares 	PRATE CARL
(2)	 Fair collection using ICT (Intelligent Communication Technology) 	
	 Medium operating speed 	
	 Intelligent Transportation Systems (ITS) - Transit (Signal) priority 	
	All stop with longer stop (station) spacings	
	Dedicated running ways	
	Standard or (bi-/tri-) articulated buses or Specialized buses	
	Scheduled or fixed headway service	
	Higher fares	
Busway	Fair collection using ICT	
	 Higher Operating Speed 	
	Easy-to-board (low-floor) buses for rapid passenger exchange	In the second
	 Multi-channel doors (multiple door boarding) 	The second second
	 Simultaneous berthing for two or more vehicles/ Station bypassing 	
	 Real-time passenger information systems 	
-	🏶 🕂 🖏 urban alliance	

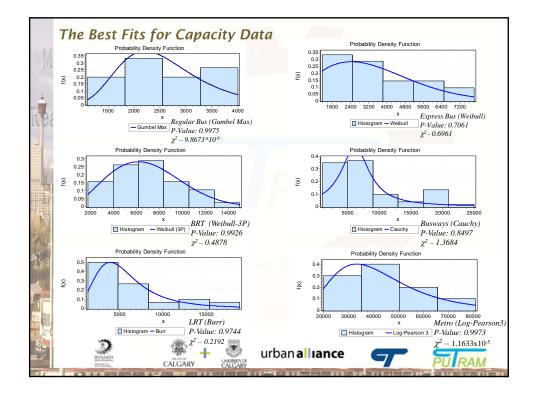
	Transit Mode	Typical Features
		All stop at all stations
M		Mostly on separated Right Of Way
7.3		Electrically powered articulated, multi-unit light trains
		Fixed headway service
à.	Light Rail Transit	Higher fares
Rac	(LRT)	Fair collection using ICT
1100		High passenger attraction and line capacity
1		High operating speeds and comfortable ride quality
		Vertical access to elevated/ underground stations (Elevator/ Escalator/ Steps)
		Multi-channel doors (multiple door boarding)
Ser.		High investment cost (vehicle, infrastructure and line costs)
		All stop at all stations
		Separated Right Of Way
The second		Electrically powered articulated, multi-unit trains
100		High frequency service
40		• Higher fares
1.8	Metro	Fair collection using ICT
4		Stronger passenger attraction and line capacity
		Higher operating speed relative to other transit modes
		Fully automatic (automatic signalling or train control)
中國。		Longer trains with multi-channel doors (multiple door boarding)
1779		Very High investment cost (vehicle, infrastructure and line costs)
-17	SCHAREN BERNER	CALGARY + what alliance T FURAM

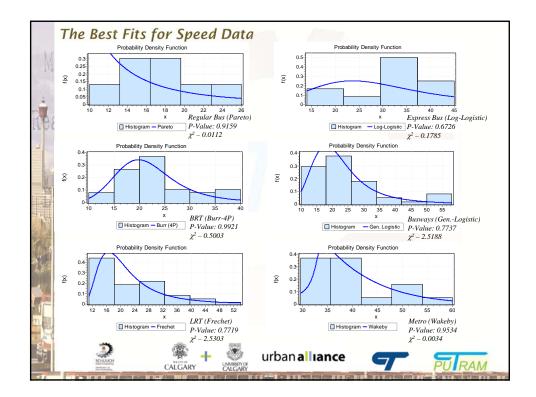
11/8/2011



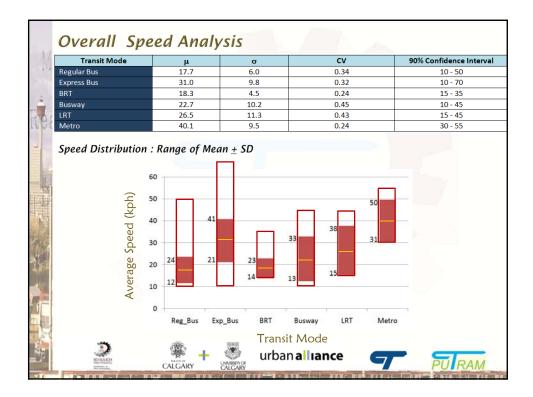


		1 /	Data		
Transit Mode	The Bo (P-Va		The Mo	st Familiar Close Fit (P-Value)	
Regular Bus	Gumbel Ma	Gumbel Max (0.9975)		amma (0.4095)	
Express Bus	Weibull	Veibull (0.7061)		amma (0.6515)	
Bus Rapid Transit	Weibull-31	P (0.9926)	N	formal (0.9413)	
Busway	Cauchy	(0.8497)	G	amma (0.7948)	
Light Rail Transit	Burr (0	.9744)		Beta (0.9002)	
Metro	Log-Pearson	n3 (0.9973)		Beta (0.7000)	
		Averag	e Spee	d Data	
		T 1	Mode	The Best Fit	The Most Familiar Clo
		Transit	moue	(P-Value)	(P-Value)
		Regular Bus		(P-Value) Pareto (0.9159)	(P-Value) Normal (0.8688)
		Regular Bus		Pareto (0.9159)	Normal (0.8688)
		Regular Bus Express Bus		Pareto (0.9159) Log-Logistic (0.6726)	Normal (0.8688) Beta (0.5635)
		Regular Bus Express Bus Bus Rapid T	ransit	Pareto (0.9159) Log-Logistic (0.6726) Burr-4P (0.9921)	Normal (0.8688) Beta (0.5635) Beta (0.8391)





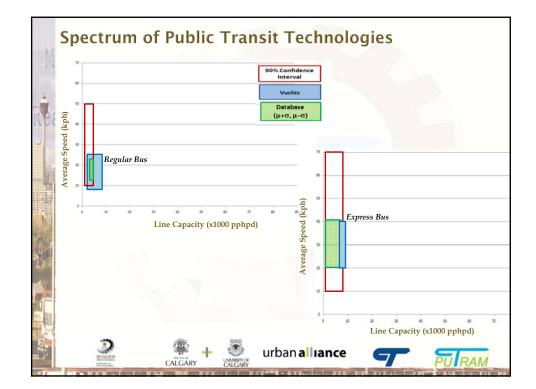
Transit Mode	μ μ	σ	cv	90% Confidence Interv
Regular Bus	2692	1085	0.40	1400 - 4300
Express Bus	3914	2080	0.53	700 - 7000
BRT	7669	4359	0.57	2400 - 12300
Busway	9436	6694	0.71	1000 - 23300
LRT	12371	7163	0.58	1700 - 15900
Metro	39478	18191	0.46	20200 - 80400
lydd)	60000		57700	
city (pphl	1000 000 000 000 000 000 000 000 000 00		57700	
ıpacity (pphı	50000		57700	
Capacity (pphpd)	40000		21300	
	50000 40000 30000 20000	12000 16100		
	50000 40000 20000 10000 3800 6000	12000	21300	
Line Capacity (pph	50000 40000 20000 10000 0 3888 600 6000 1800	3300 2700	19500 5200	
	50000 40000 20000 10000 3800 6000	3300 2700	19500 5200	
	50000 40000 20000 10000 0 3888 600 6000 1800	3300 2700	19500 5200	

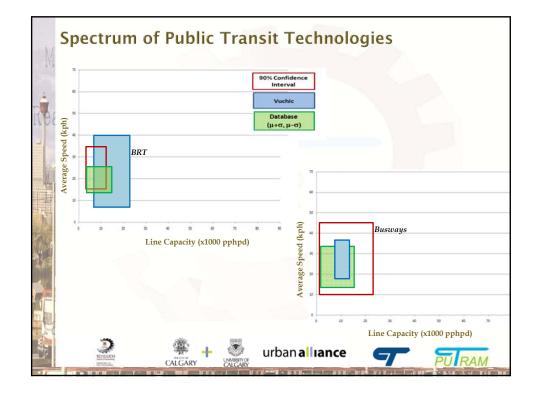


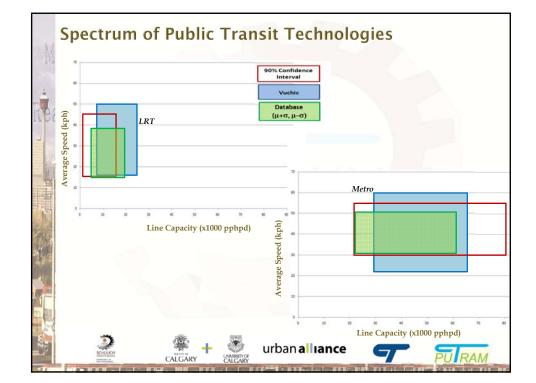
	Com Rout	mon Unc te Length	ertainties: 1, Fare Col	llection Me	ethod, Signal	Priority	Туре	4	
-		Route Capacity (pphpd)		Vehicle	Route Capacity (pphpd per route)				
		Mean	SD	Sample Size	Туре	Mean	SD	Sample Size	
					Standard	1780	580	12	
		3914	2080	21	Articulated	5473	624	9	STREET COLUMN
1				Right of Route Capacity (pphpd per route					
					Way	Mean	SD	Sample Size	
					Arterials	2863	1742	16	
1					Highways	5666	2075	5	
Fi I		SOLUCI British	CAL	GÄRY K	LGARY	alliance	COLUMN AND ADDRESS		RAM

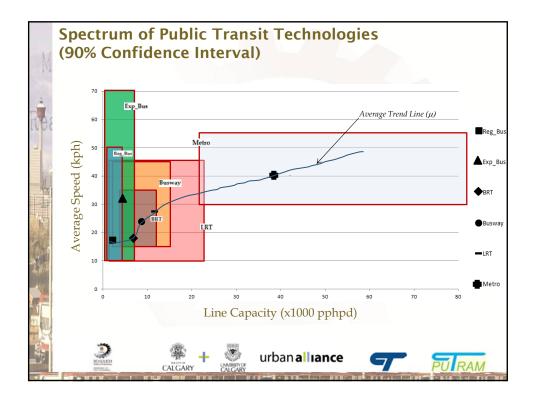
	Uncertainties (Busways) Busway [*] Capacity Data Subcategorized (Vehicle Type, Capacity Per Route)								
1.61	Vehicle	Corridor Capacity (pphpd)			Route Capacity (pphpd per route)				
	Туре	Mean	SD	Sample Size	Mean	SD	Sample Size		
	Standard	6150	4337	18	364	171	7		
	Standard /Articulated	⁷¹⁶³	4311 3759	12	446	217	6		
	Articulated	6217	2922	8	1874	1104	3		
tin the second	Double articulated	8251	3334	4	4483	1946	4		
		LGARY	CALGARY	an al lan d			IRAM		

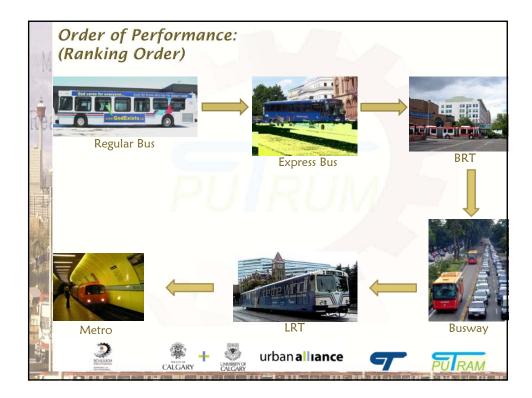
	Lin	e Capacity (p	ohpd)	Number of	Li	ne Capacity (p	ophpd)
	Mean	SD	Sample Size	Cars per Train	Mean	SD	Sample Si
				1	3830	1448	4
	5788	4431	22	1,2	5596	4495	17
				2	6139	5006	13
				3	6300	5351	4
				3,4	6440	4903	5
		in henely		4	7000	-	1
				NU1			
LRT Speed &			egorized un		-	W) e Capacity (pj	ohpd)
LRT Speed &	Capacity Da		-		-		
LRT Speed &		A	verage Speed (I	(ph)	Lin	e Capacity (p	ohpd) Sample Siz 4
LRT Speed &	ROW	A Mean	verage Speed (I SD	(ph) Sample Size	Lin Mean	e Capacity (pj SD	Sample Siz

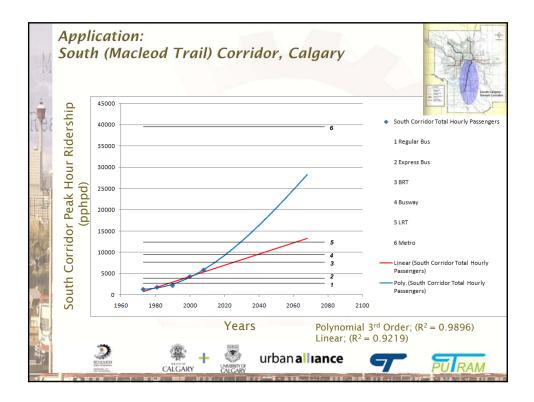




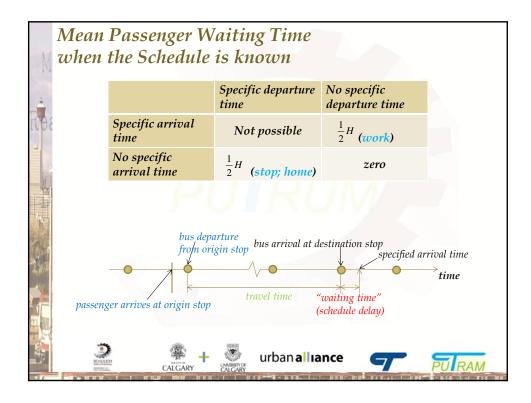


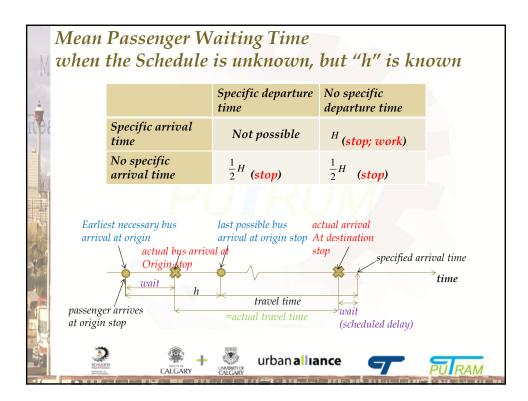


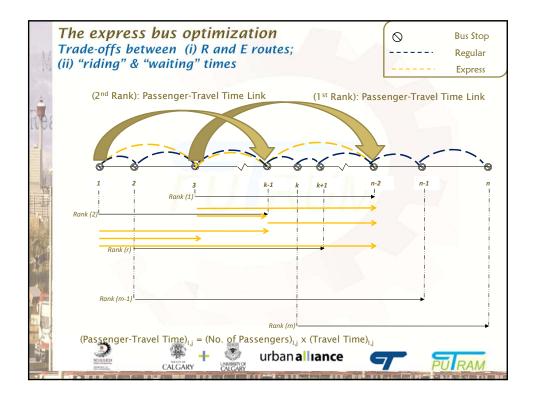


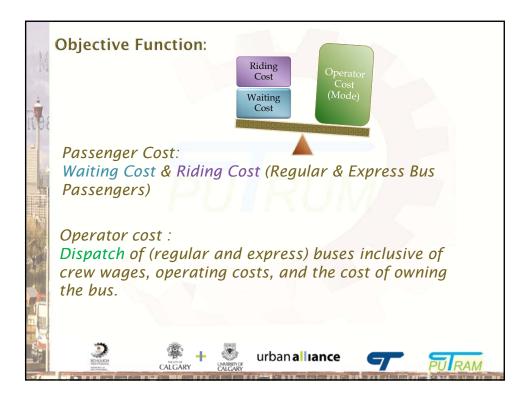


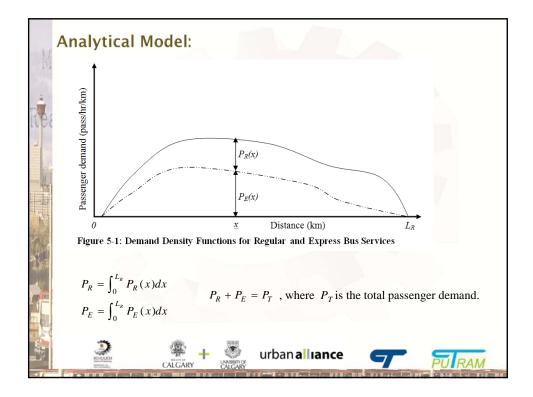




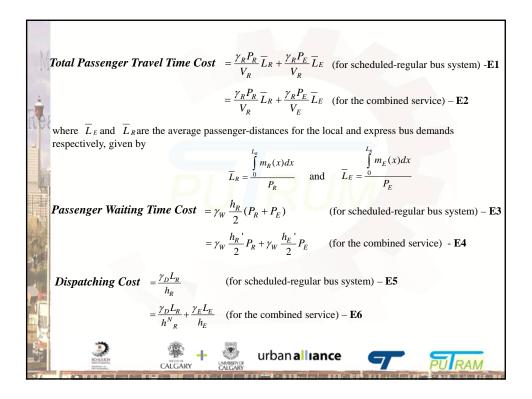


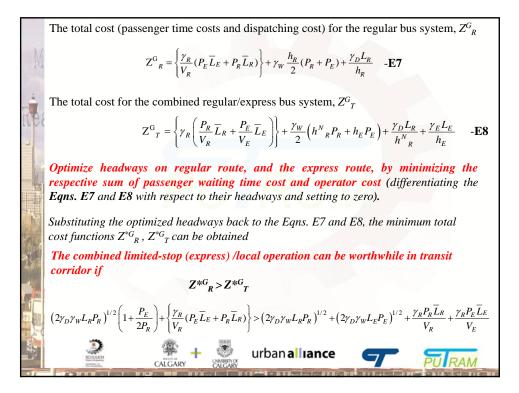


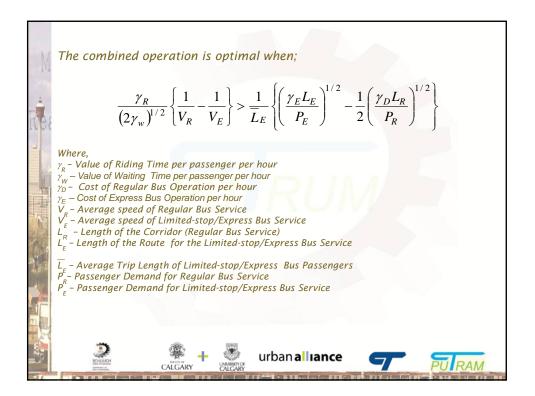


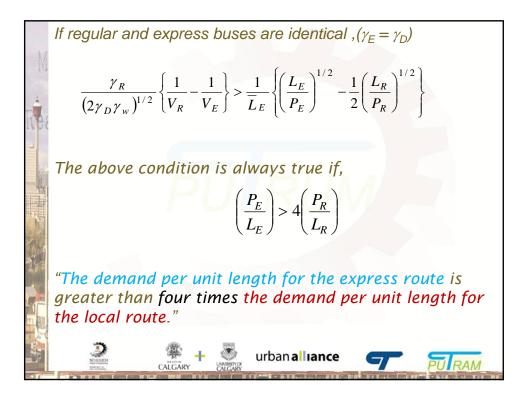


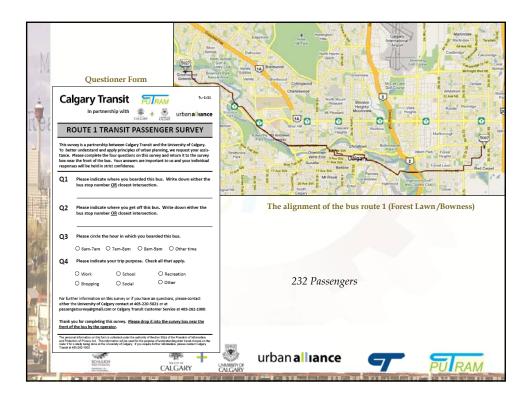
11/8/2011

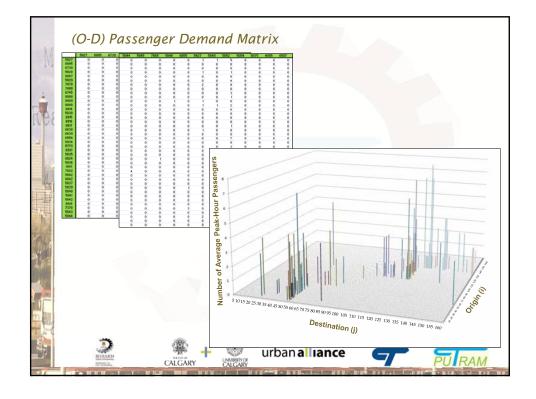




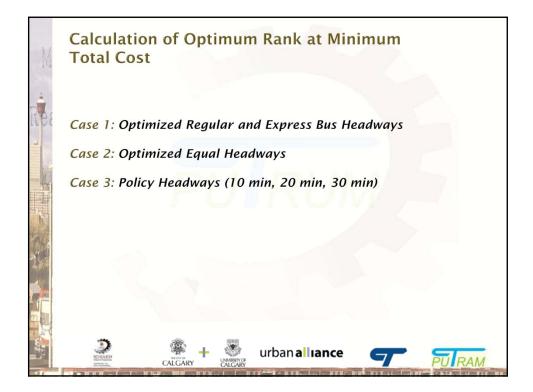


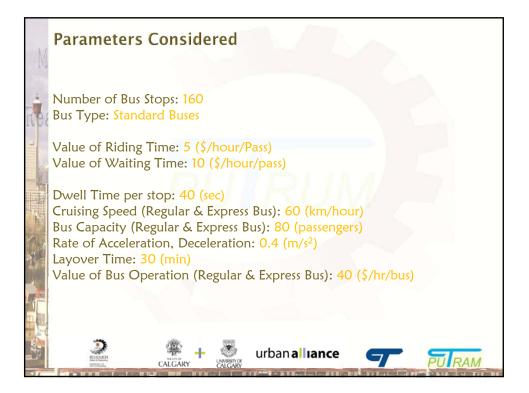


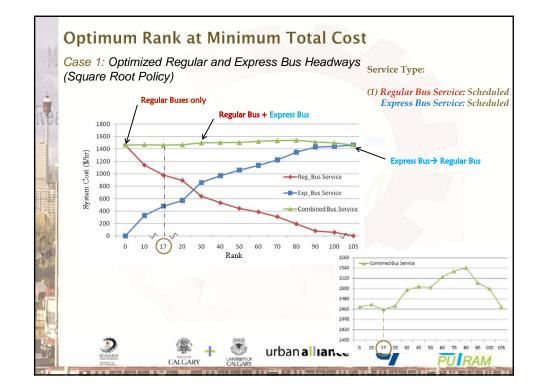


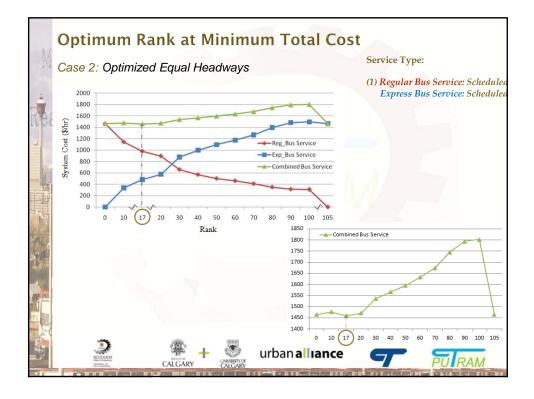


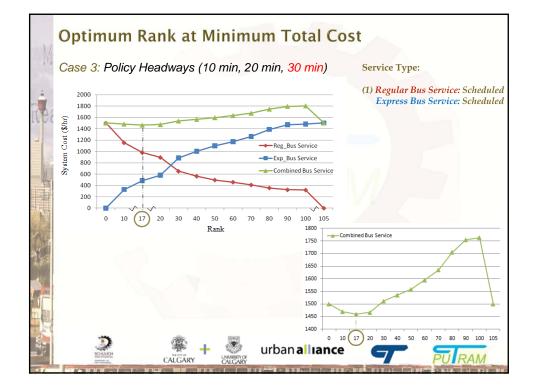
17

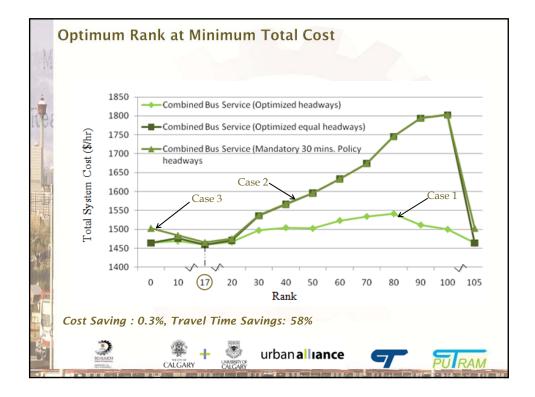


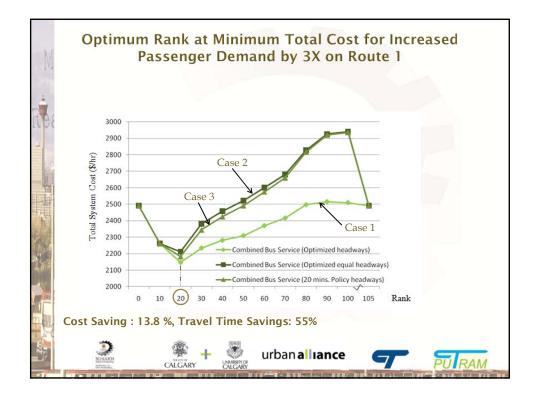


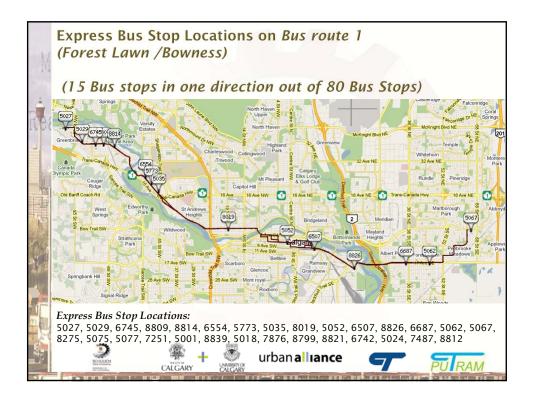


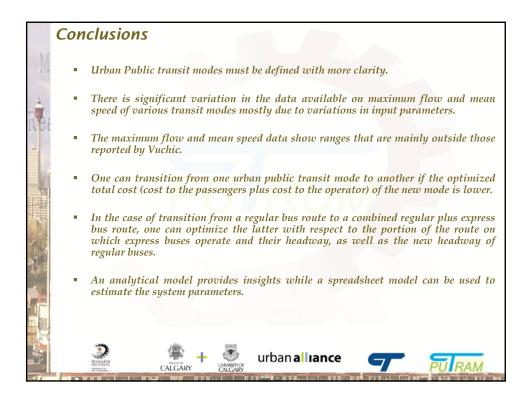














Transit Mode	Number of Observed Capacity Data (Continental Distribution)	Number of Observed Average Speed Data (Continental Distribution)
Regular Bus	Europe -1; North America - 14	Europe - 4; North America – 5; South America – 1; As – 7; Oceania – 2; Africa – 1; Undefined - 3
Express Bus	North America - 21	North America – 6; South America – 3; Asia – 1; Oceania – 1; Undefined - 1
Bus Rapid Transit	Europe - 2 ; North America – 18; South America – 7; Asia – 3; Africa – 7; Undefined - 1	Europe - 9 ; North America – 13 ; South America – 6 Asia – 4 ; Undefined - 2
Busways	North America – 11 ; South America – 21; Asia – 15 ; Africa – 2; Oceania – 2; Undefined - 1	Europe -2; North America – 11 ; South America – 25 Asia – 11; Africa – 2; Oceania – 3 ; Undefined - 1
Light Rail Transit	Europe - 3 ; North America – 16 ; Asia – 3 ; Africa – 6; Undefined - 2	Europe – 29; North America – 18; South America – 1 Asia – 5; Africa – 4; Oceania – 1; Undefined - 1
Metro	Europe - 1 ; North America – 1; South America – 4; Asia – 1; Undefined - 3	Europe - 3 ; North America – 4; South America – 1; Asia – 6; Undefined - 4
Ð	🏽 + 🖉 urbanal	