

Appendix A

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A.1 TRANSIT MAP



LEGEND

TRANSIT ROUTE 000

TRANSIT ROUTE MAP

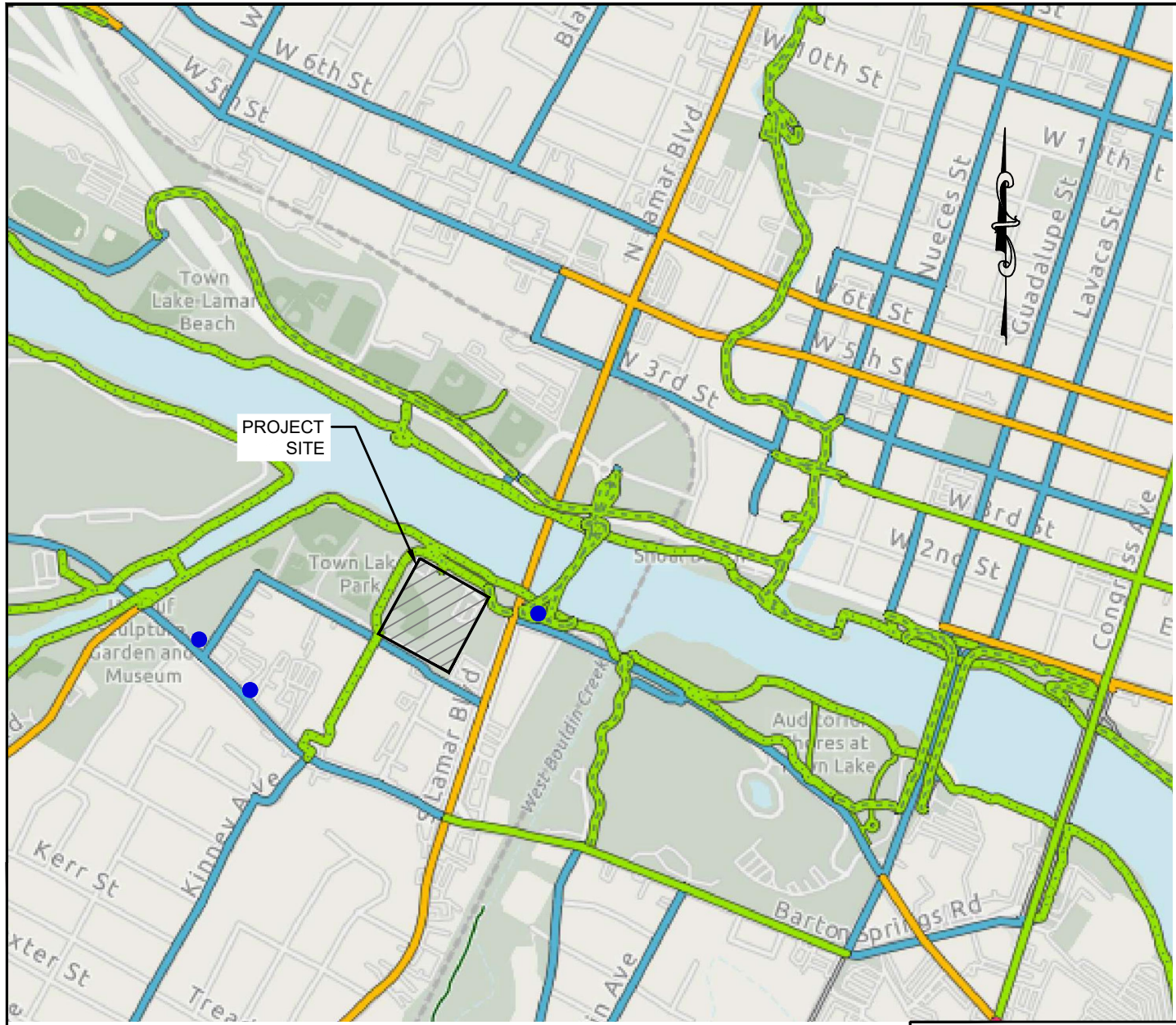
EXHIBIT 1

DOUGHERTY ARTS CENTER

BOE Consulting Services, LLC

9901 Brodie Lane 160-303
 Austin, Texas 78748
 Tel. (512) 632-7509
 TBPE Registration Number: F-19220

A.2 BIKE MAP



BIKE PATH LEGEND

LEVEL OF COMFORT

- HIGH
- HIGH PAVED
- HIGH UNPAVED
- MEDIUM
- LOW
- METROBIKE STATION

BICYCLE FACILITY MAP

EXHIBIT 2

DOUGHERTY ARTS CENTER

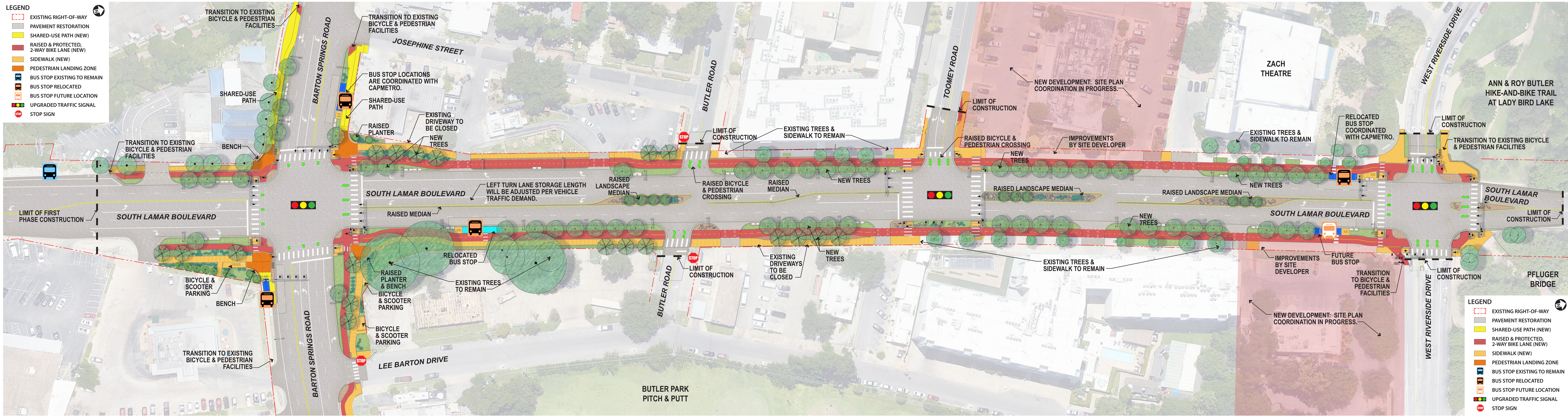
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9901 Brodie Lane 160-303
Austin, Texas 78748
Tel. (512) 632-7509
TBPE Registration Number: F-19220

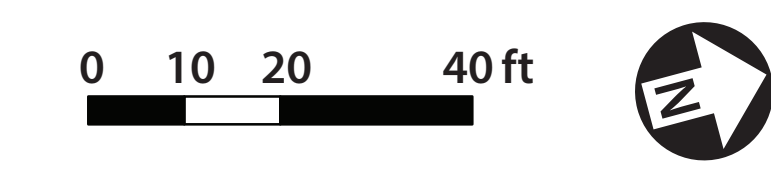
A.3 SOUTH LAMAR BOULEVARD CORRIDOR IMPROVEMENTS



- LEGEND**
- EXISTING RIGHT-OF-WAY
 - PAVEMENT RESTORATION
 - SHARED-USE PATH (NEW)
 - RAISED & PROTECTED, 2-WAY BIKE LANE (NEW)
 - SIDEWALK (NEW)
 - PEDESTRIAN LANDING ZONE
 - BUS STOP EXISTING TO REMAIN
 - BUS STOP RELOCATED
 - BUS STOP FUTURE LOCATION
 - UPGRADED TRAFFIC SIGNAL
 - STOP SIGN



South Lamar Boulevard Corridor - Barton Springs Road to Riverside Drive
 COA CORRIDOR CONSTRUCTION PROGRAM
 Draft Nov 4, 2020



- LEGEND**
- EXISTING RIGHT-OF-WAY
 - PAVEMENT RESTORATION
 - SHARED-USE PATH (NEW)
 - RAISED & PROTECTED, 2-WAY BIKE LANE (NEW)
 - SIDEWALK (NEW)
 - PEDESTRIAN LANDING ZONE
 - BUS STOP EXISTING TO REMAIN
 - BUS STOP RELOCATED
 - BUS STOP FUTURE LOCATION
 - UPGRADED TRAFFIC SIGNAL
 - STOP SIGN

A.4 CAPITAL METRO PROJECT CONNECT SYSTEM MAP





SYSTEM PLAN INITIAL INVESTMENT

Adopted June 10, 2020

LEGEND

LIGHT RAIL

- Orange Line
- Potential Future Extension
- Blue Line

METRORAIL

- Red Line
- Green Line
- Potential Future Extension

METRORAPID

- Gold Line
- Enhanced MetroRapid Route
- Potential Future Extension

METROBUS

- Current Frequent Local Routes

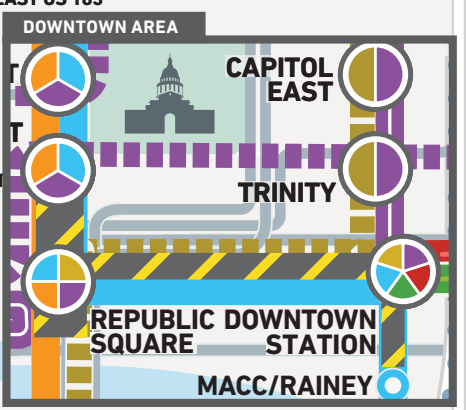
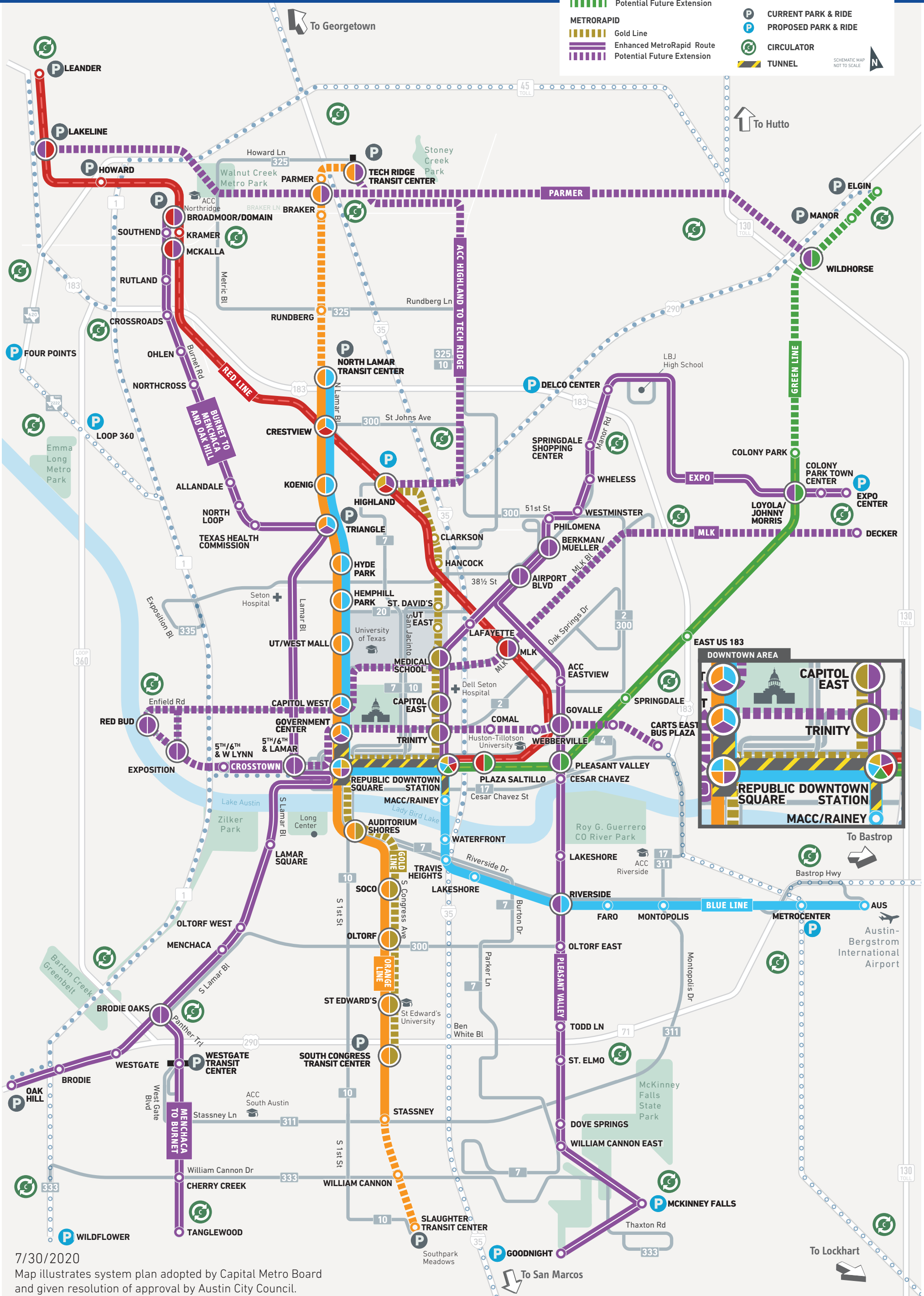
METROEXPRESS

- Current MetroExpress
- Future MetroExpress

ADDITIONAL AVAILABLE SERVICES

- MetroAccess
- MetroBike
- CURRENT PARK & RIDE
- PROPOSED PARK & RIDE
- CIRCULATOR
- TUNNEL

SCHEMATIC MAP NOT TO SCALE



7/30/2020

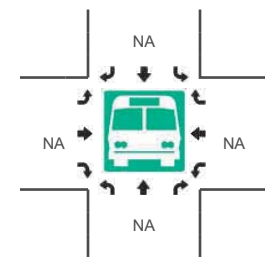
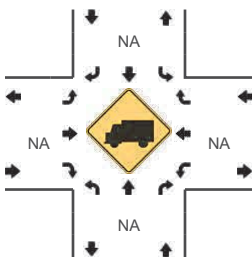
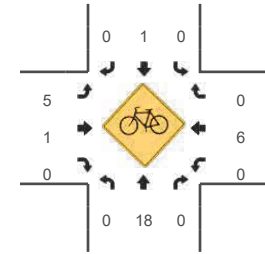
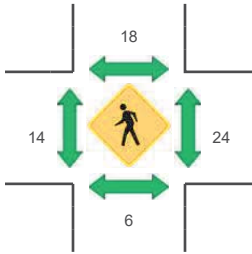
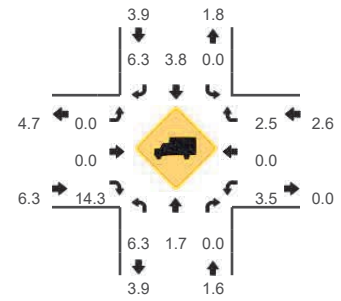
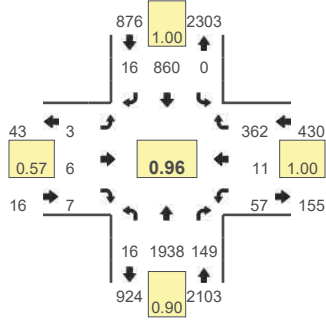
Map illustrates system plan adopted by Capital Metro Board and given resolution of approval by Austin City Council.

A.5 TRAFFIC DATA

LOCATION: S Lamar Blvd -- W Riverside Dr
CITY/STATE: Austin, TX

QC JOB #: 14701107
DATE: Tue, May 22 2018

Peak-Hour: 8:00 AM -- 9:00 AM
Peak 15-Min: 8:00 AM -- 8:15 AM



15-Min Count Period Beginning At	S Lamar Blvd (Northbound)				S Lamar Blvd (Southbound)				W Riverside Dr (Eastbound)				W Riverside Dr (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
7:00 AM	7	386	15	0	0	159	1	0	1	1	0	0	8	1	48	0	627	
7:15 AM	5	496	20	0	0	184	2	0	1	0	3	0	6	1	59	0	777	
7:30 AM	3	502	38	0	0	158	4	0	2	2	0	0	15	6	64	0	794	
7:45 AM	2	445	36	0	0	190	4	0	0	1	3	0	9	6	92	0	788	2986
8:00 AM	4	539	44	0	0	207	7	0	1	4	2	0	14	3	63	0	888	3247
8:15 AM	7	476	35	0	0	213	2	0	1	1	1	0	18	5	100	0	859	3329
8:30 AM	5	430	34	0	0	210	2	0	1	0	2	0	13	3	111	0	811	3346
8:45 AM	0	493	36	0	0	230	5	0	0	1	2	0	12	0	88	0	867	3425

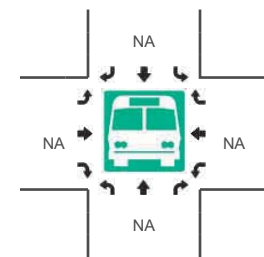
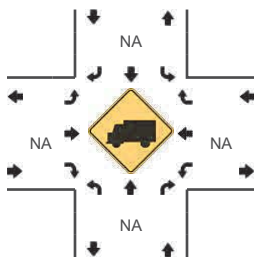
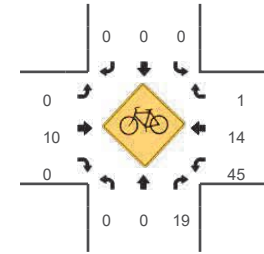
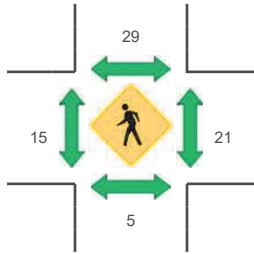
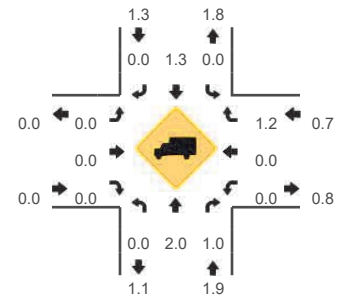
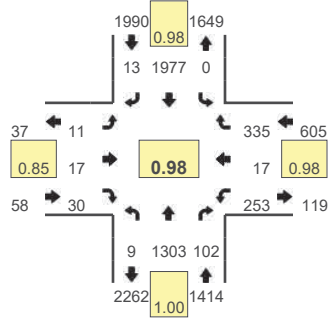
Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total	
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
All Vehicles	16	2156	176	0	0	828	28	0	4	16	8	0	56	12	252	0	3552	
Heavy Trucks	0	52	0		0	16	0		0	0	0		4	0	4		76	
Pedestrians		4				24				20				28				76
Bicycles	0	2	0		0	0	0		3	0	0		0	4	0			9
Railroad																		
Stopped Buses																		

Comments:

LOCATION: S Lamar Blvd -- W Riverside Dr
CITY/STATE: Austin, TX

QC JOB #: 14701108
DATE: Tue, May 22 2018

Peak-Hour: 4:30 PM -- 5:30 PM
Peak 15-Min: 5:15 PM -- 5:30 PM



15-Min Count Period Beginning At	S Lamar Blvd (Northbound)				S Lamar Blvd (Southbound)				W Riverside Dr (Eastbound)				W Riverside Dr (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	1	306	24	1	0	481	5	0	5	1	9	0	22	0	71	0	926	
4:15 PM	0	277	29	0	0	488	2	0	1	1	6	0	46	2	84	0	936	
4:30 PM	0	313	23	1	0	495	4	0	2	5	8	0	43	1	103	0	998	
4:45 PM	4	344	24	0	0	468	2	0	2	1	3	0	73	2	85	0	1008	3868
5:00 PM	1	320	30	0	0	510	3	0	5	5	10	0	65	6	72	0	1027	3969
5:15 PM	2	326	25	1	0	504	4	0	2	6	9	0	72	8	75	0	1034	4067
5:30 PM	3	301	26	0	0	470	0	0	7	3	9	0	73	8	77	1	978	4047
5:45 PM	0	315	28	1	0	467	1	0	1	2	2	0	54	4	79	0	954	3993

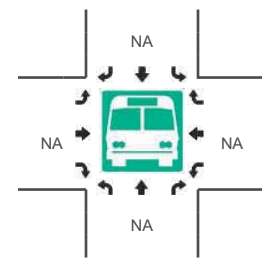
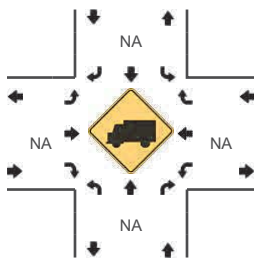
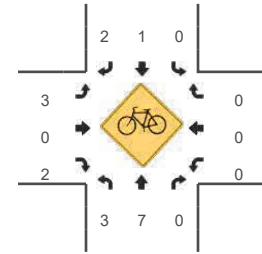
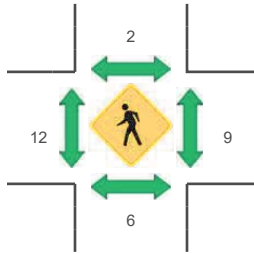
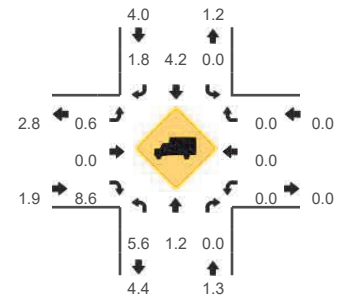
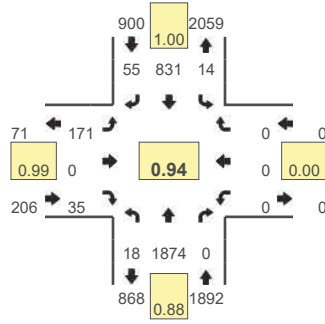
Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	8	1304	100	4	0	2016	16	0	8	24	36	0	288	32	300	0	4136
Heavy Trucks	0	4	0		0	16	0		0	0	0		0	0	4		24
Pedestrians		8				44				8				32			92
Bicycles	0	0	2		0	0	0		0	3	0		11	4	1		21
Railroad																	
Stopped Buses																	

Comments:

LOCATION: S Lamar Blvd -- Toomey Rd
CITY/STATE: Austin, TX

QC JOB #: 14701109
DATE: Tue, May 22 2018

Peak-Hour: 8:00 AM -- 9:00 AM
Peak 15-Min: 8:00 AM -- 8:15 AM



15-Min Count Period Beginning At	S Lamar Blvd (Northbound)				S Lamar Blvd (Southbound)				Toomey Rd (Eastbound)				Toomey Rd (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
7:00 AM	3	379	0	0	0	145	20	1	19	0	6	0	0	0	0	0	573	
7:15 AM	2	479	0	0	0	181	3	2	17	0	4	0	0	0	0	0	688	
7:30 AM	2	513	0	0	0	160	8	1	35	0	8	0	0	0	0	0	727	
7:45 AM	2	438	0	1	0	189	12	2	41	0	9	0	0	0	0	0	694	2682
8:00 AM	5	531	0	0	0	197	13	3	46	0	6	0	0	0	0	0	801	2910
8:15 AM	5	463	0	2	0	213	11	4	46	0	10	0	0	0	0	0	754	2976
8:30 AM	4	415	0	0	0	202	17	4	43	0	9	0	0	0	0	0	694	2943
8:45 AM	2	465	0	0	0	219	14	3	36	0	10	0	0	0	0	0	749	2998

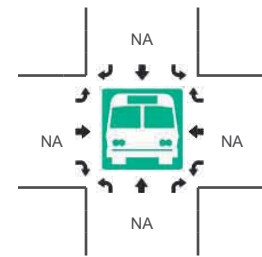
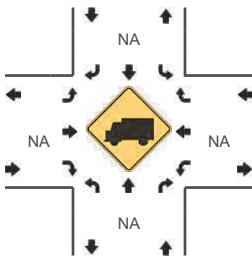
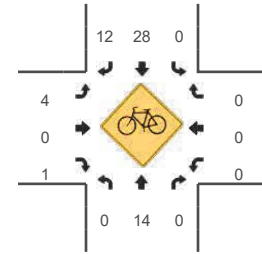
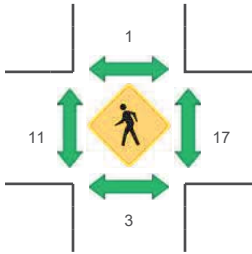
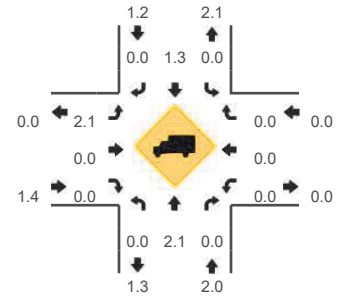
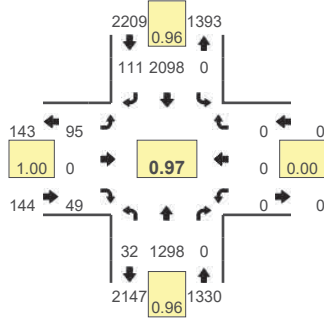
Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	20	2124	0	0	0	788	52	12	184	0	24	0	0	0	0	0	3204
Heavy Trucks	0	36	0	0	0	20	0	0	0	0	0	0	0	0	0	0	56
Pedestrians		4				0				20				8			32
Bicycles	0	1	0		0	0	0		0	0	0		0	0	0		1
Railroad																	
Stopped Buses																	

Comments:

LOCATION: S Lamar Blvd -- Toomey Rd
CITY/STATE: Austin, TX

QC JOB #: 14701110
DATE: Tue, May 22 2018

Peak-Hour: 4:30 PM -- 5:30 PM
Peak 15-Min: 5:15 PM -- 5:30 PM



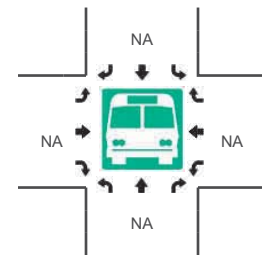
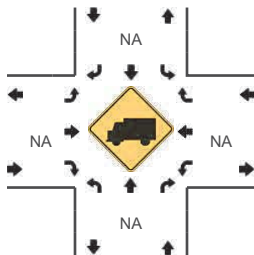
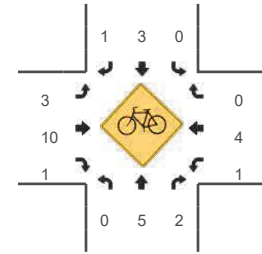
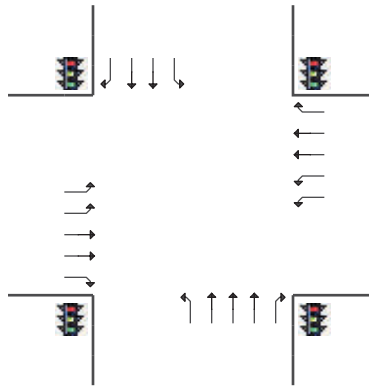
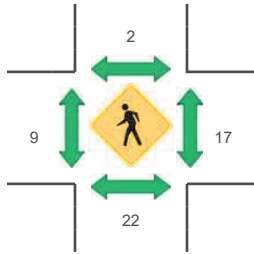
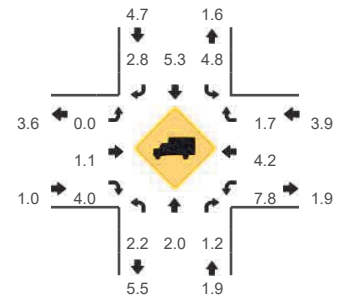
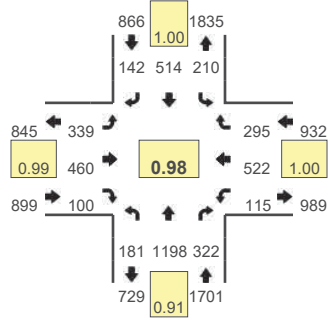
15-Min Count Period Beginning At	S Lamar Blvd (Northbound)				S Lamar Blvd (Southbound)				Toomey Rd (Eastbound)				Toomey Rd (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	6	300	0	0	0	488	19	0	26	0	19	0	0	0	0	0	858	
4:15 PM	8	278	0	0	0	499	25	0	22	0	12	0	0	0	0	0	844	
4:30 PM	4	303	0	0	0	520	25	0	26	0	15	0	0	0	0	0	893	3523
4:45 PM	9	349	0	0	0	500	28	0	27	0	15	0	0	0	0	0	928	
5:00 PM	6	313	0	0	0	539	24	0	22	0	11	0	0	0	0	0	915	3580
5:15 PM	13	333	0	0	0	539	34	0	20	0	8	0	0	0	0	0	947	3683
5:30 PM	6	301	0	0	0	514	23	0	19	0	9	0	0	0	0	0	872	3662
5:45 PM	14	311	0	0	0	476	30	0	21	0	12	0	0	0	0	0	864	3598
Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total	
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
All Vehicles	52	1332	0	0	0	2156	136	0	80	0	32	0	0	0	0	0	3788	
Heavy Trucks	0	12	0	0	0	24	0	0	0	0	0	0	0	0	0	0	36	
Pedestrians		0				0								24			24	
Bicycles	0	1	0		0	8	4		0	0	0		0	0	0		13	
Railroad																		
Stopped Buses																		

Comments:

LOCATION: S Lamar Blvd -- Barton Springs Rd
CITY/STATE: Austin, TX

QC JOB #: 14701113
DATE: Tue, May 22 2018

Peak-Hour: 8:00 AM -- 9:00 AM
Peak 15-Min: 8:00 AM -- 8:15 AM



15-Min Count Period Beginning At	S Lamar Blvd (Northbound)				S Lamar Blvd (Southbound)				Barton Springs Rd (Eastbound)				Barton Springs Rd (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
7:00 AM	20	301	68	0	30	86	21	0	35	72	8	0	20	59	37	0	757	
7:15 AM	31	382	108	0	50	107	30	0	41	72	11	0	41	83	56	0	1012	
7:30 AM	45	383	82	0	34	99	30	0	87	131	27	0	18	100	63	0	1099	
7:45 AM	33	277	84	0	57	112	29	0	112	136	11	0	15	144	70	0	1080	3948
8:00 AM	40	335	92	0	55	111	36	1	77	124	25	0	26	128	76	0	1126	4317
8:15 AM	40	333	86	0	42	122	43	2	91	132	24	0	33	121	65	0	1134	4439
8:30 AM	50	244	66	0	53	136	29	0	91	108	26	0	28	126	79	0	1036	4376
8:45 AM	51	286	78	0	57	145	34	0	80	96	25	0	28	147	75	0	1102	4398

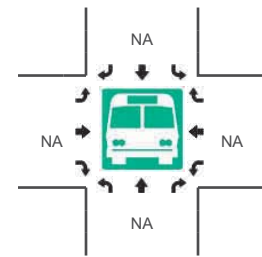
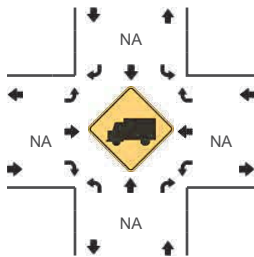
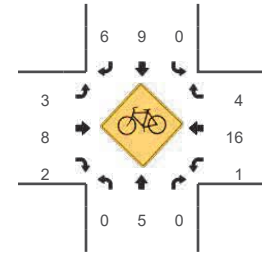
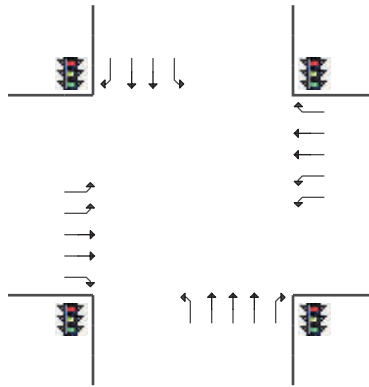
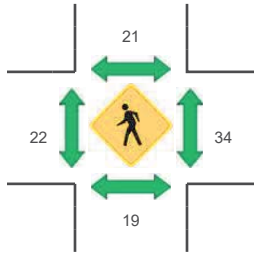
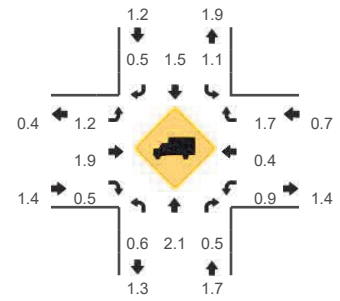
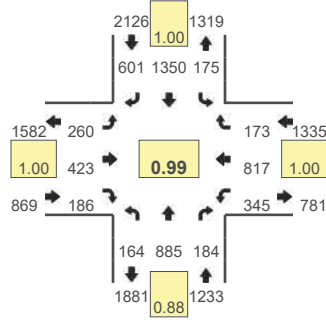
Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total	
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
All Vehicles	160	1340	368	0	220	444	144	4	308	496	100	0	104	512	304	0	4504	
Heavy Trucks	4	36	0		8	12	0		0	4	0		8	28	4		104	
Pedestrians		32				4				8				16				60
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0			0
Railroad																		
Stopped Buses																		

Comments:

LOCATION: S Lamar Blvd -- Barton Springs Rd
CITY/STATE: Austin, TX

QC JOB #: 14701114
DATE: Tue, May 22 2018

Peak-Hour: 4:30 PM -- 5:30 PM
Peak 15-Min: 5:15 PM -- 5:30 PM



15-Min Count Period Beginning At	S Lamar Blvd (Northbound)				S Lamar Blvd (Southbound)				Barton Springs Rd (Eastbound)				Barton Springs Rd (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	42	188	42	0	54	329	106	1	61	100	46	0	75	155	62	0	1261	
4:15 PM	39	184	40	0	39	368	116	1	61	89	34	0	77	188	39	0	1275	
4:30 PM	31	196	41	0	47	344	138	0	65	95	39	0	96	202	39	0	1333	
4:45 PM	45	237	42	0	36	331	141	0	70	119	51	0	74	202	48	0	1396	5265
5:00 PM	46	201	42	0	53	354	149	1	62	111	60	0	85	210	50	0	1424	5428
5:15 PM	42	251	59	0	38	321	173	0	63	98	36	0	90	203	36	0	1410	5563
5:30 PM	39	200	46	0	46	334	135	1	74	118	52	0	84	192	34	0	1355	5585
5:45 PM	42	218	47	0	42	326	126	1	66	104	70	0	92	196	48	0	1378	5567

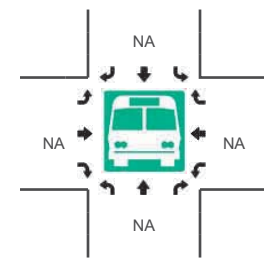
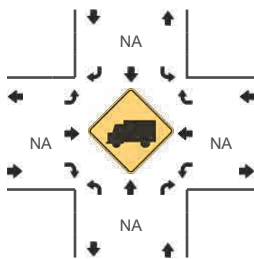
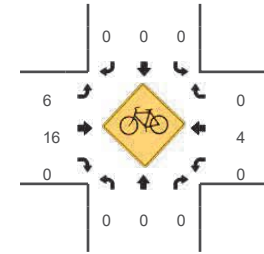
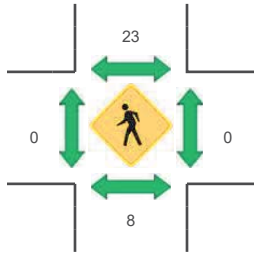
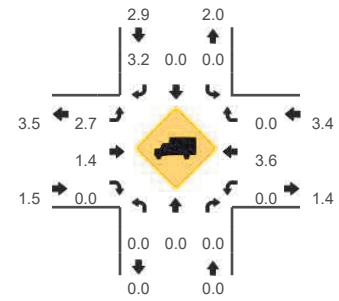
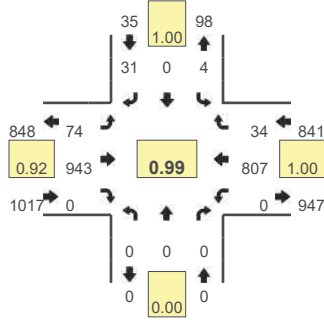
Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	168	1004	236	0	152	1284	692	0	252	392	144	0	360	812	144	0	5640
Heavy Trucks	0	4	0		0	24	0		0	0	4		0	4	4		40
Pedestrians		16				20				16				64			116
Bicycles	0	0	0		0	4	1		0	3	1		0	2	0		11
Railroad																	
Stopped Buses																	

Comments:

LOCATION: Jessie St -- Barton Springs Rd
CITY/STATE: Austin, TX

QC JOB #: 14701117
DATE: Tue, May 22 2018

Peak-Hour: 8:00 AM -- 9:00 AM
Peak 15-Min: 8:00 AM -- 8:15 AM



15-Min Count Period Beginning At	Jessie St (Northbound)				Jessie St (Southbound)				Barton Springs Rd (Eastbound)				Barton Springs Rd (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
7:00 AM	0	0	0	0	0	0	3	0	0	110	0	2	0	105	6	0	226	
7:15 AM	0	0	0	0	0	0	1	0	8	151	0	3	0	126	7	0	296	
7:30 AM	0	0	0	0	3	0	4	0	4	230	0	1	0	187	6	0	435	
7:45 AM	0	0	0	0	0	0	4	0	9	246	0	3	0	195	6	0	463	1420
8:00 AM	0	0	0	0	0	0	7	0	20	255	0	1	0	188	8	0	479	1673
8:15 AM	0	0	0	0	0	0	6	0	15	232	0	7	0	210	7	0	477	1854
8:30 AM	0	0	0	0	2	0	9	0	14	224	0	2	0	193	10	0	454	1873
8:45 AM	0	0	0	0	2	0	9	0	15	232	0	0	0	216	9	0	483	1893

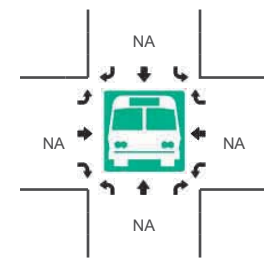
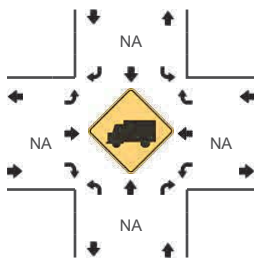
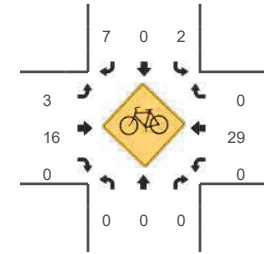
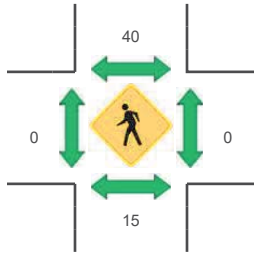
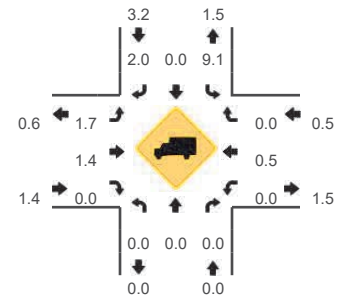
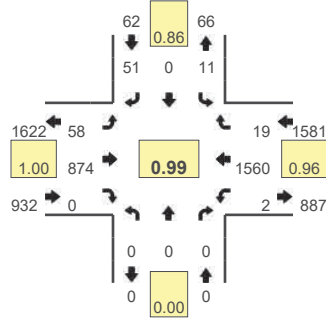
Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	0	0	0	0	0	0	28	0	80	1020	0	4	0	752	32	0	1916
Heavy Trucks	0	0	0	0	0	0	0	0	4	4	0	0	0	32	0	0	40
Pedestrians		12				16				0				0			28
Bicycles	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Railroad																	
Stopped Buses																	

Comments:

LOCATION: Jessie St -- Barton Springs Rd
CITY/STATE: Austin, TX

QC JOB #: 14701118
DATE: Tue, May 22 2018

Peak-Hour: 4:30 PM -- 5:30 PM
Peak 15-Min: 5:15 PM -- 5:30 PM



15-Min Count Period Beginning At	Jessie St (Northbound)				Jessie St (Southbound)				Barton Springs Rd (Eastbound)				Barton Springs Rd (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	0	0	0	0	2	0	6	0	4	217	0	7	0	303	6	0	545	
4:15 PM	0	0	0	0	1	0	14	0	8	184	0	2	0	343	4	0	556	
4:30 PM	0	0	0	0	2	0	10	0	11	202	0	4	0	366	4	1	600	
4:45 PM	0	0	0	0	2	0	11	0	17	246	0	1	0	393	3	1	674	2375
5:00 PM	0	0	0	0	5	0	14	0	6	222	0	3	0	397	4	0	651	2481
5:15 PM	0	0	0	0	2	0	16	0	13	204	0	3	0	404	8	0	650	2575
5:30 PM	0	0	0	0	1	0	8	0	19	246	0	6	0	359	5	0	644	2619
5:45 PM	0	0	0	0	0	0	10	0	14	236	0	3	0	353	5	0	621	2566

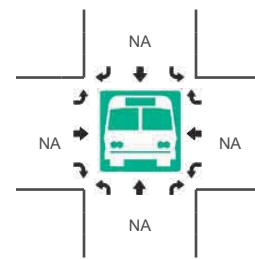
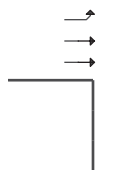
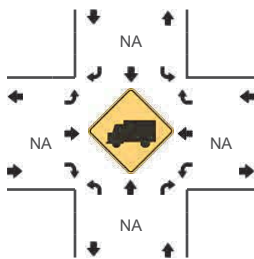
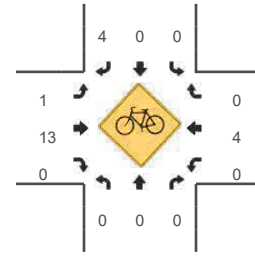
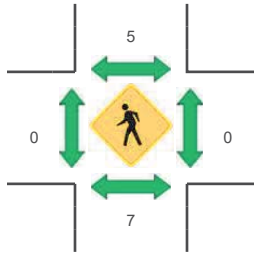
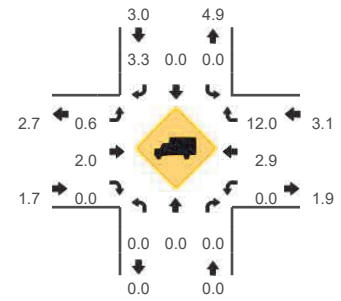
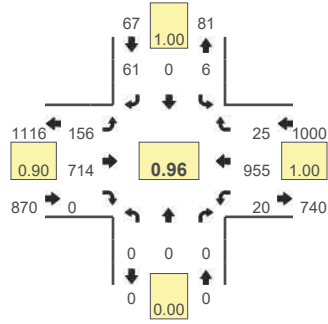
Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	0	0	0	0	8	0	64	0	52	816	0	12	0	1616	32	0	2600
Heavy Trucks	0	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0	8
Pedestrians		8				8				0				0			16
Bicycles	0	0	0	0	0	0	1	0	0	4	0	0	0	6	0	0	11
Railroad																	
Stopped Buses																	

Comments:

LOCATION: Sterzing St -- Barton Springs Rd
CITY/STATE: Austin, TX

QC JOB #: 14701119
DATE: Tue, May 22 2018

Peak-Hour: 8:00 AM -- 9:00 AM
Peak 15-Min: 8:00 AM -- 8:15 AM



15-Min Count Period Beginning At	Sterzing St (Northbound)				Sterzing St (Southbound)				Barton Springs Rd (Eastbound)				Barton Springs Rd (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
7:00 AM	0	0	0	0	2	0	8	0	3	101	0	3	0	92	4	2	215	
7:15 AM	0	0	0	0	0	0	8	0	2	119	0	8	0	126	1	4	268	
7:30 AM	0	0	0	0	6	0	11	0	4	171	0	14	0	204	4	4	418	
7:45 AM	0	0	0	0	0	0	14	0	7	163	0	26	0	224	0	2	436	1337
8:00 AM	0	0	0	0	1	0	13	0	11	202	0	29	0	234	10	2	502	1624
8:15 AM	0	0	0	0	2	0	19	0	12	183	0	30	0	248	2	6	502	1858
8:30 AM	0	0	0	0	2	0	12	0	15	160	0	28	0	228	5	6	456	1896
8:45 AM	0	0	0	0	1	0	17	0	18	169	0	13	0	245	8	6	477	1937

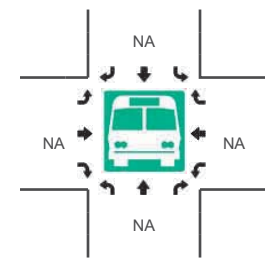
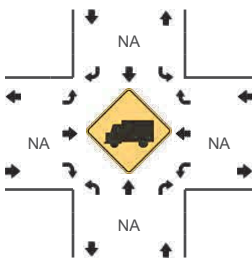
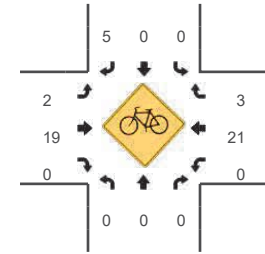
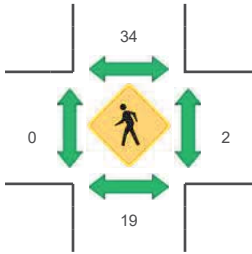
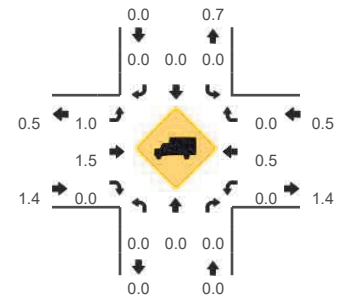
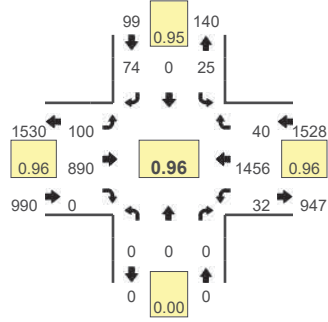
Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	0	0	0	0	4	0	52	0	44	808	0	116	0	936	40	8	2008
Heavy Trucks	0	0	0	0	0	0	4	0	0	8	0	0	0	20	8	0	40
Pedestrians		4				4				0				0			8
Bicycles	0	0	0	0	0	0	2	0	0	1	0	0	0	2	0	0	5
Railroad																	
Stopped Buses																	

Comments:

LOCATION: Sterzing St -- Barton Springs Rd
CITY/STATE: Austin, TX

QC JOB #: 14701120
DATE: Tue, May 22 2018

Peak-Hour: 4:30 PM -- 5:30 PM
Peak 15-Min: 5:15 PM -- 5:30 PM



15-Min Count Period Beginning At	Sterzing St (Northbound)				Sterzing St (Southbound)				Barton Springs Rd (Eastbound)				Barton Springs Rd (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	0	0	0	0	9	0	20	0	17	200	0	0	0	267	8	12	533	
4:15 PM	0	0	0	0	4	0	17	0	15	184	0	0	0	315	11	6	552	
4:30 PM	0	0	0	0	8	0	18	0	18	194	0	0	0	349	11	7	605	
4:45 PM	0	0	0	0	8	0	20	0	26	247	0	0	0	353	8	7	669	2359
5:00 PM	0	0	0	0	2	0	17	0	25	222	0	0	0	374	12	7	659	2485
5:15 PM	0	0	0	0	7	0	19	0	31	227	0	0	0	380	9	11	684	2617
5:30 PM	0	0	0	0	5	0	20	0	15	252	0	0	0	347	11	12	662	2674
5:45 PM	0	0	0	0	5	0	32	0	21	250	0	0	0	326	11	7	652	2657

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	0	0	0	0	28	0	76	0	124	908	0	0	0	1520	36	44	2736
Heavy Trucks	0	0	0	0	0	0	0	0	0	8	0	0	0	12	0	0	20
Pedestrians		8				24				0				0			32
Bicycles	0	0	0		0	0	1		0	5	0		0	5	0		11
Railroad																	
Stopped Buses																	

Comments:

A.6 DEVELOPMENT OPTIONS









A.7 NELSON NYGAARD SHARED PARKING/TDM PRESENTATION

Dougherty Arts Center Parking & Mobility Strategy

Parking and TDM Analysis | *January 2021*



EXISTING PARKING SPACES



Toomey Lot: 140

Subscriber/Donor Lot: 58
(3.3 Ac.)

ZACH Paid Lot: 48

Rehearsal Lot: 9

Riverside Dr. Parking: 34

PARD/ZACH Paid Lot: 63

Employee Overflow: 27

Schlotzky's PUD: 80

Parking Demand Scenarios

SCENARIO 1: Baseline

- Mondays, Tuesdays, and Wednesdays each week
- No gallery or workshop event or performance at DAC
- No evening performance at ZACH
- Normal class schedule and rehearsals
- Normal office population
- Little League activity

SCENARIO 2: Typical Weekday

- Thursdays and Fridays each week
- Special event, workshop, gallery event, or theater performance at DAC
- Performance at the Topfer Theatre at ZACH
- Normal class schedule and rehearsals
- Normal office population
- Little League activity

SCENARIO 3: Weekend w/ Multiple Events

- Saturday or Sunday, ~2 days per year
- Smaller gallery event and larger performance at DAC
- Show at Topfer and Whisenhunt Theatres, plus weekend classes at ZACH
- No PARD office staff
- Little League activity

OPTIONS 1A, 1B, 2 (with PARD)

Dougherty Arts Center

Land use	Capacity (people)
Administrative Offices	30
Arts Classes/Studios	150
Large Theater	150
Black Box Theater	75
Gallery Space	200

ZACH Theatre

Land use	Capacity (people)
Administrative Offices	30
Classes/Rehearsal	80
Topfer Theatre	420
Whisenhunt Stage	130
Kleberg Stage	230

Austin Parks and Recreation Department

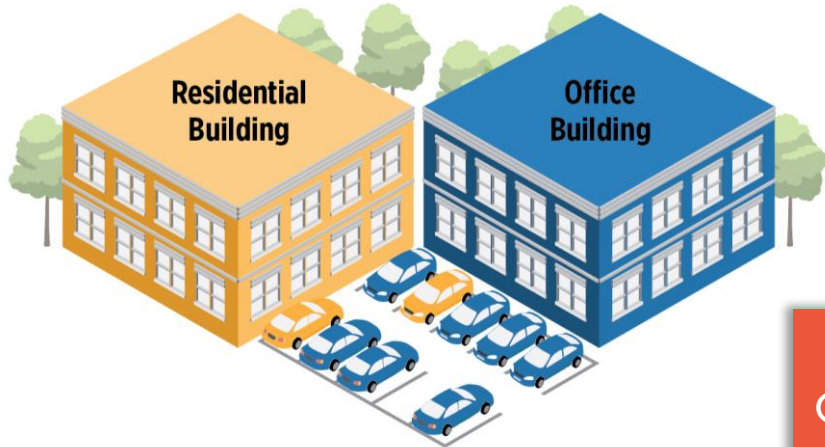
Land use	Capacity (people)
Office	71

South Austin Little League

Land use	Capacity (fields)
Ballfields	3

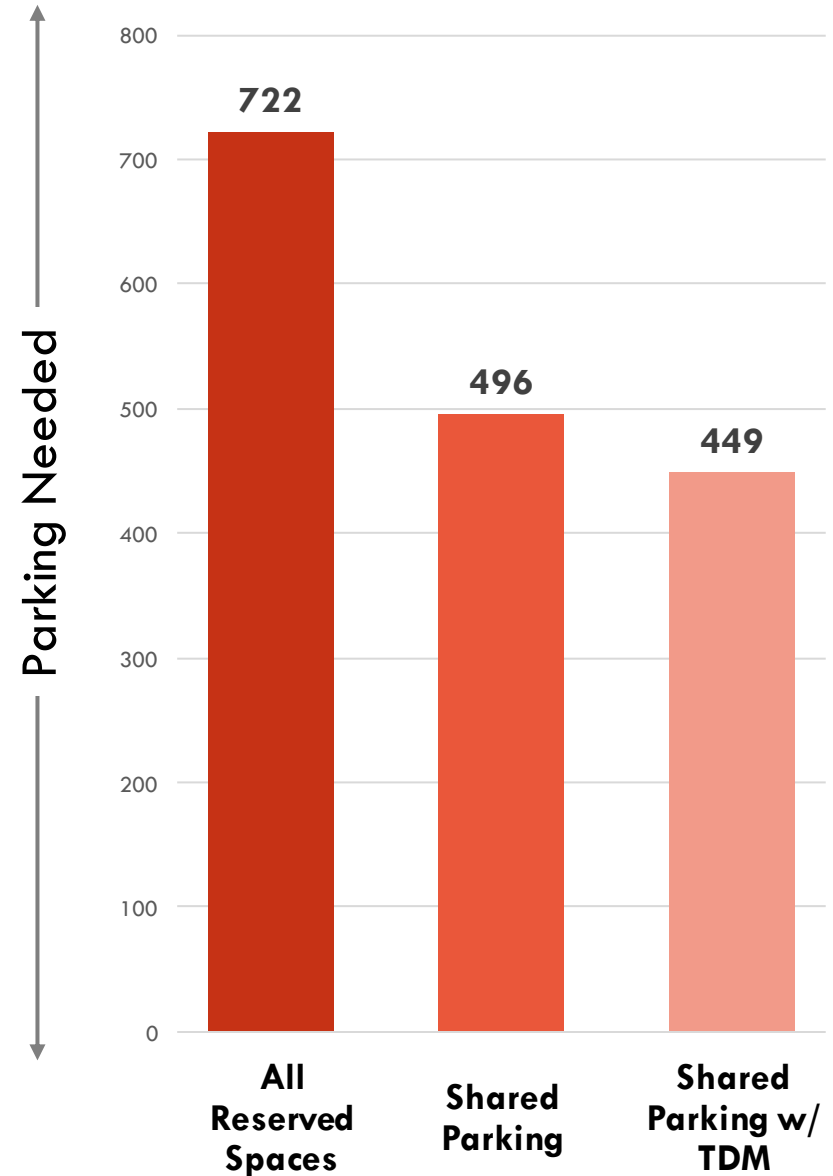
Key Takeaways

Shared Parking + TDM: Share parking and a comprehensive TDM program to reduce vehicle trips and support multimodal travel to/from/within the Arts District

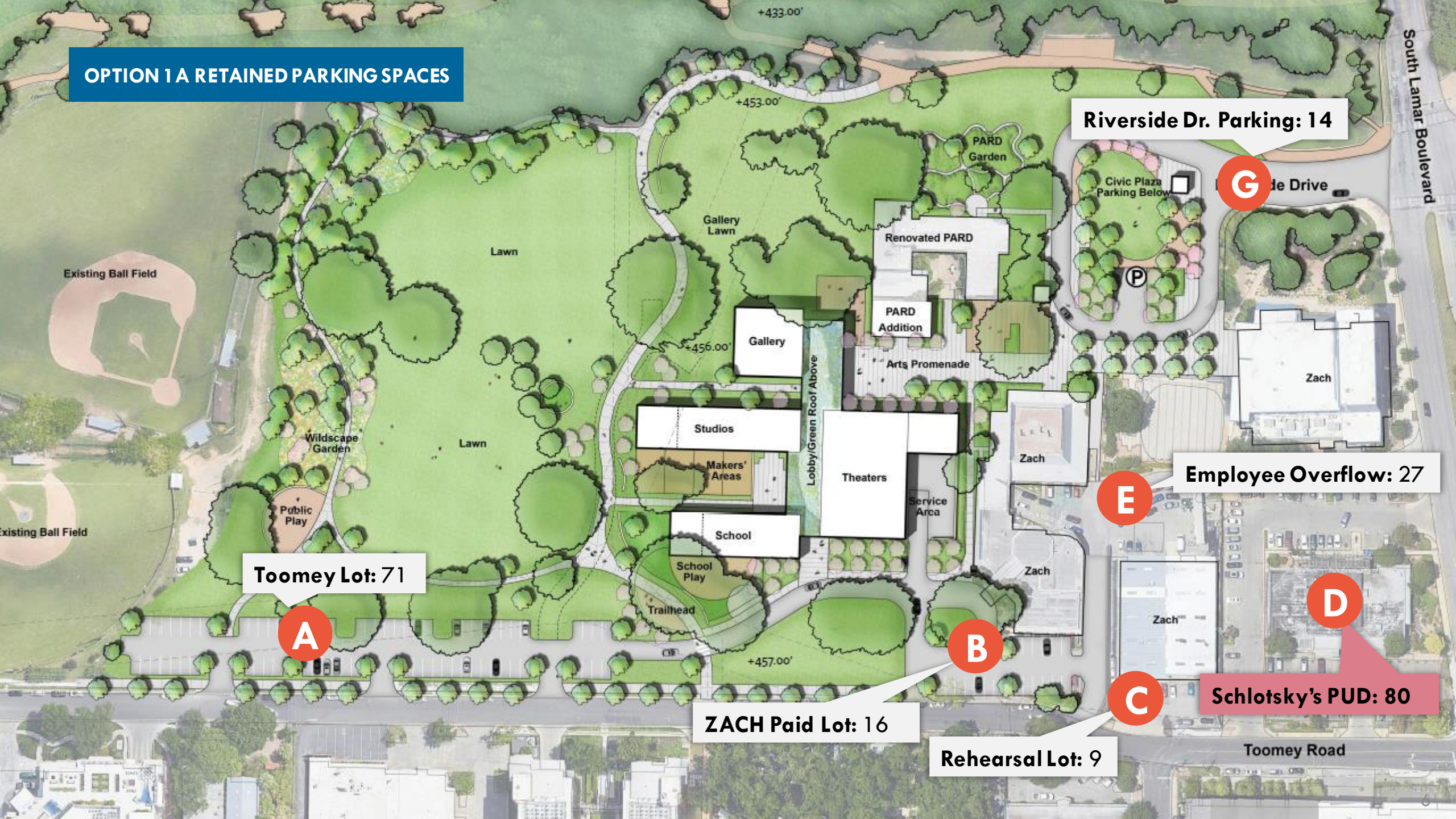


TDM Trip Reductions:	
Office employees:	-20%
Students:	-10%
Theater/gallery attendees:	-5%

Weekday with Events



OPTION 1 A RETAINED PARKING SPACES



Riverside Dr. Parking: 14

G

Employee Overflow: 27

E

Toomey Lot: 71

A

ZACH Paid Lot: 16

B

Rehearsal Lot: 9

C

Schlotzky's PUD: 80

D

Net New Spaces – OPTION 1A

SCENARIO 2: Typical Weekday

449 parking spaces demanded at peak on a typical weekday with events with district-wide shared parking and travel demand management measures.

- Total includes a 10% buffer to ensure that finding a space when facilities are near capacity is not onerous.

Retained Existing Spaces:

137

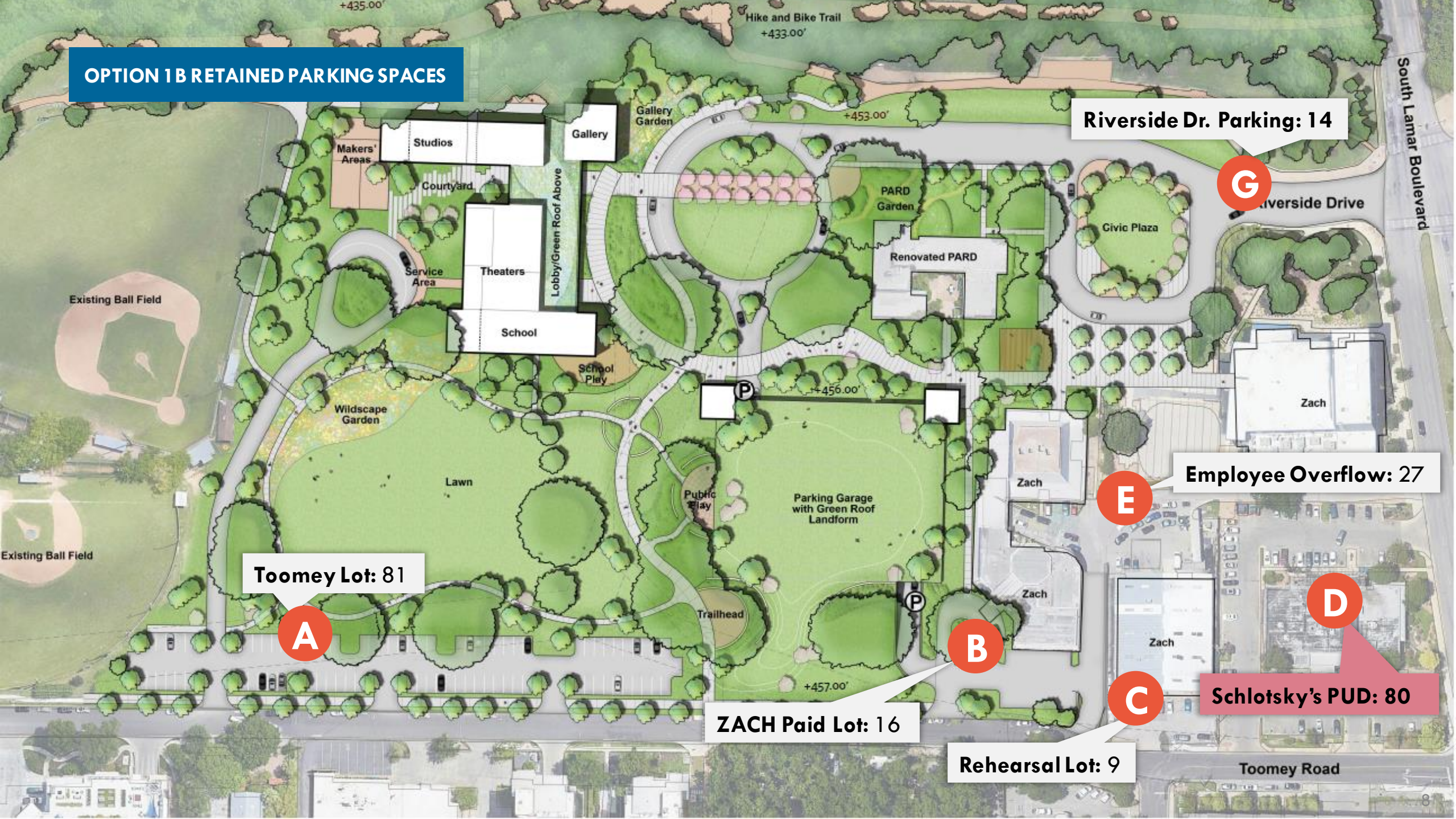
Schlotzsky's PUD:

- 30 spaces for DAC use all day
- 50 spaces validated at 50% of market rate for other users, including all students and theater attendees
- 60% of remaining spaces available to the public after office hours

Net New Spaces:

232

OPTION 1 B RETAINED PARKING SPACES



Riverside Dr. Parking: 14

G

Employee Overflow: 27

E

Toomey Lot: 81

A

ZACH Paid Lot: 16

B

Rehearsal Lot: 9

C

Schlotzky's PUD: 80

D

Net New Spaces – OPTION 1B

SCENARIO 2: Typical Weekday

449 parking spaces demanded at peak on a typical weekday with events with district-wide shared parking and travel demand management measures.

- Total includes a 10% buffer to ensure that finding a space when facilities are near capacity is not onerous.

Retained Existing Spaces:

147

Schlotzsky's PUD:

- 30 spaces for DAC use all day
- 50 spaces validated at 50% of market rate for other users, including all students and theater attendees
- 60% of remaining spaces available to the public after office hours

Net New Spaces:

222

OPTION 2 RETAINED PARKING SPACES



Riverside Dr. Parking: 14

G

Employee Overflow: 27

E

Toomey Lot: 63

A

ZACH Paid Lot: 16

B

Rehearsal Lot: 9

C

Schlotsky's PUD: 80

D

Net New Spaces – OPTION 2

SCENARIO 2: Typical Weekday

449 parking spaces demanded at peak on a typical weekday with events with district-wide shared parking and travel demand management measures.

- Total includes a 10% buffer to ensure that finding a space when facilities are near capacity is not onerous.

Retained Existing Spaces:

129

Schlotzsky's PUD:

- 30 spaces for DAC use all day
- 50 spaces validated at 50% of market rate for other users, including all students and theater attendees
- 60% of remaining spaces available to the public after office hours

Net New Spaces:

240

OPTION 3 (PARD Relocated)

Dougherty Arts Center

Land use	Capacity (people)
Administrative Offices	30
Arts Classes/Studios	150
Large Theater	150
Black Box Theater	75
Gallery Space	200

ZACH Theatre

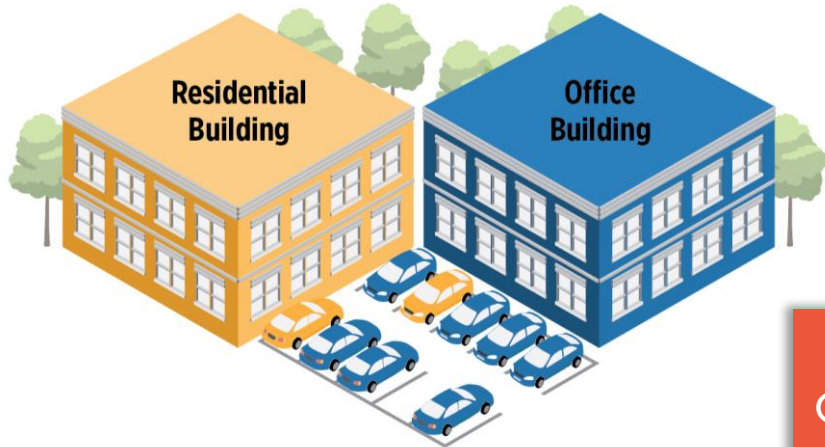
Land use	Capacity (people)
Administrative Offices	30
Classes/Rehearsal	80
Topfer Theatre	420
Whisenhunt Stage	130
Kleberg Stage	230

South Austin Little League

Land use	Capacity (fields)
Ballfields	3

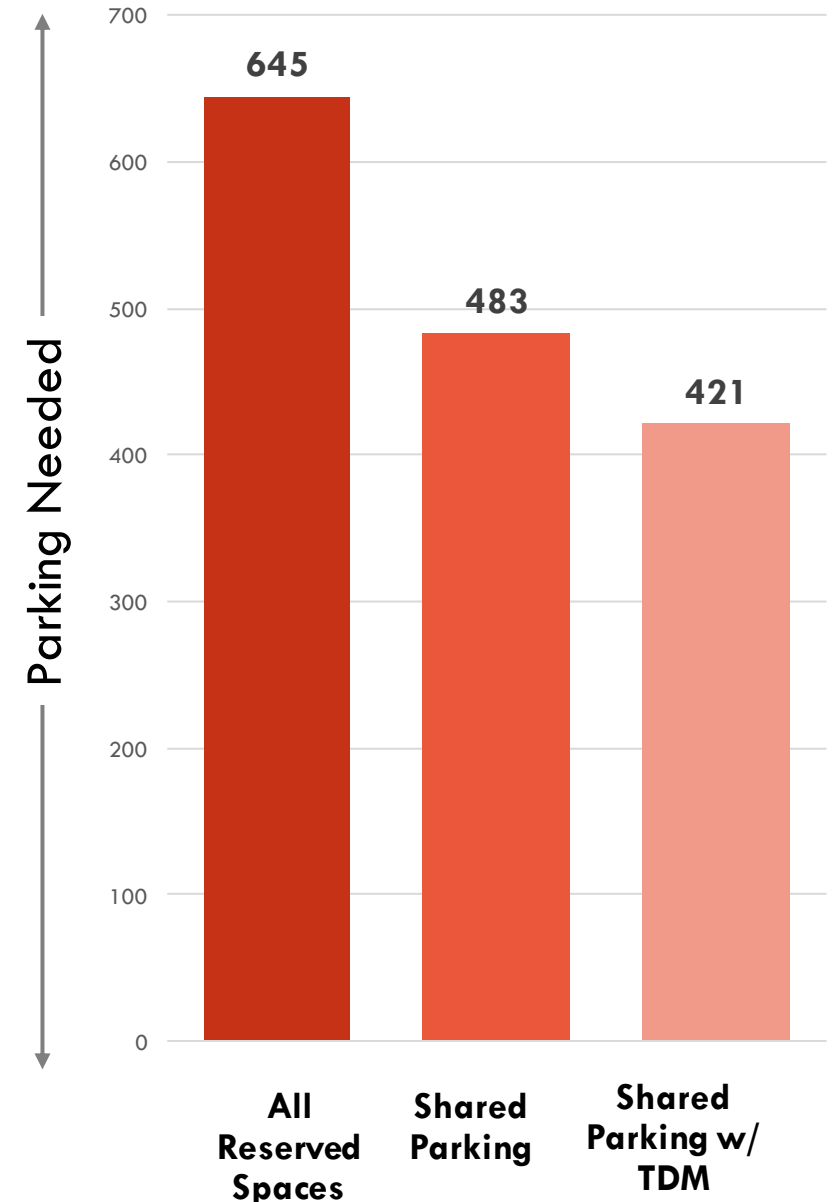
Key Takeaways

Shared Parking + TDM: Share parking and a comprehensive TDM program to reduce vehicle trips and support multimodal travel to/from/within the Arts District

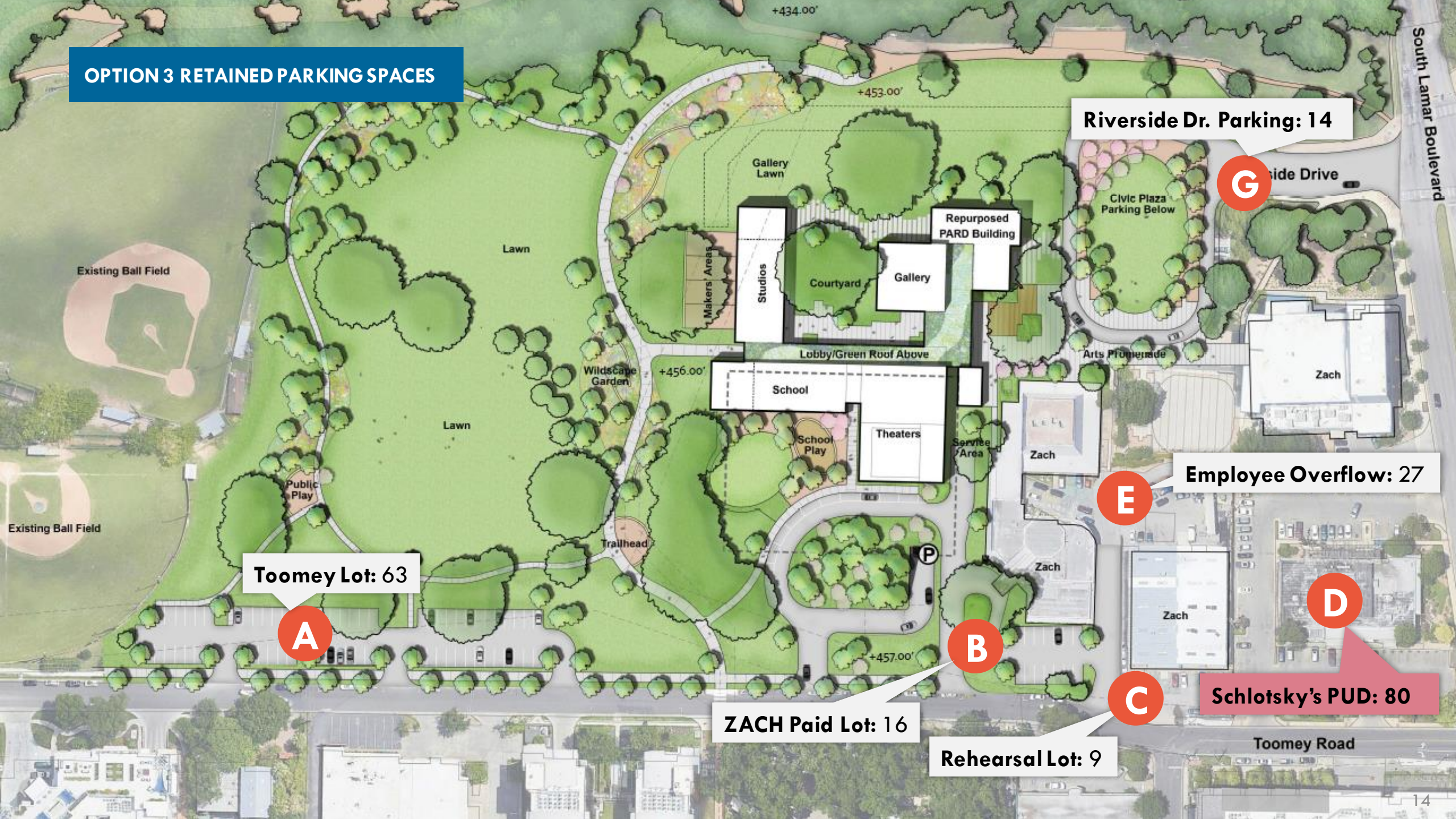


TDM Trip Reductions:	
Office employees:	-20%
Students:	-10%
Theater/gallery attendees:	-5%

Weekday with Events



OPTION 3 RETAINED PARKING SPACES



Toomey Lot: 63

A

ZACH Paid Lot: 16

B

Rehearsal Lot: 9

C

Schlotsky's PUD: 80

D

Employee Overflow: 27

E

Riverside Dr. Parking: 14

G

Net New Spaces – OPTION 3 (PARD Relocated)

SCENARIO 2: Typical Weekday

421 parking spaces demanded at peak on a typical weekday with events with district-wide shared parking and travel demand management measures.

- Total includes a 10% buffer to ensure that finding a space when facilities are near capacity is not onerous.

Retained Existing Spaces:

129

Schlotzsky's PUD:

- 30 spaces for DAC use all day
- 50 spaces validated at 50% of market rate for other users, including all students and theater attendees
- 60% of remaining spaces available to the public after office hours

Net New Spaces:

212

Summary of Options

Design Option	PARD Status	Peak Parking Demand (shared +TDM)	Retained Spaces	Schlitzky's PUD Spaces	Net New Spaces Needed	Total Spaces
Option 1 A	Included	449	137	80	232	449
Option 1 B	Included	449	147	80	222	449
Option 2	Included	449	129	80	240	449
Option 3	Relocated	421	129	80	212	421

A.8 ITE LAND USE DEFINITION

Land Use: 580 Museum

Description

A museum is a facility that includes displays, shows, exhibits, and/or demonstration of historical, science, nature, art, entertainment, or other cultural significance.

Additional Data

Due to variation in type of museums, caution should be exercised when using the trip generation rates for this land use because they may not be appropriate for all museum types.

The site surveyed has 45,000 square feet of exhibition space.

The weekday AM peak hour of the generator was between 11:00 a.m. and 12:00 p.m. The Saturday peak hour of the generator was between 1:00 p.m. and 2:00 p.m.

The site was surveyed in the 2010s in Tennessee.

Source Number

725

Museum (580)

Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Weekday,
Peak Hour of Adjacent Street Traffic,
One Hour Between 7 and 9 a.m.

Setting/Location: General Urban/Suburban

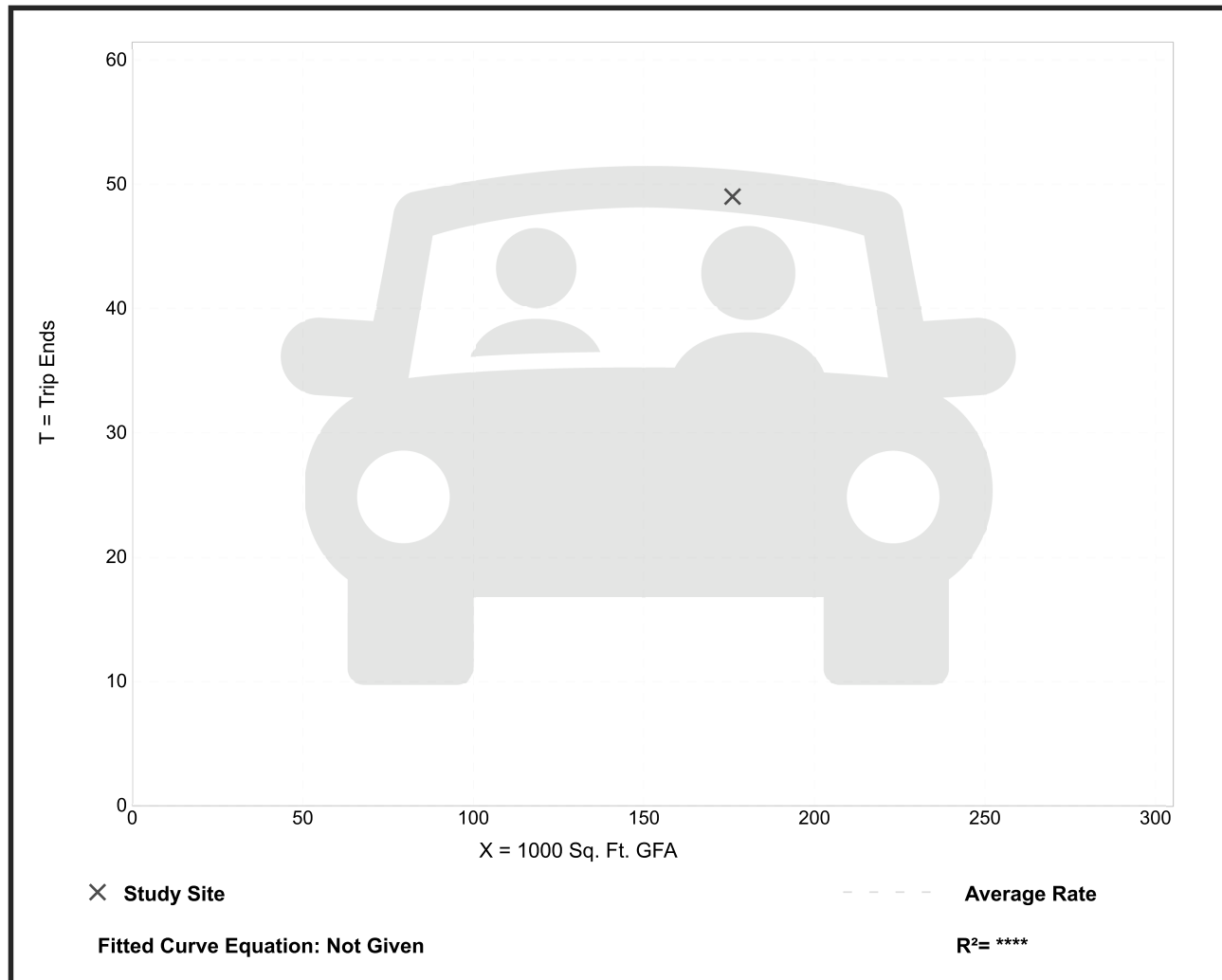
Number of Studies: 1
 Avg. 1000 Sq. Ft. GFA: 176
 Directional Distribution: 86% entering, 14% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
0.28	0.28 - 0.28	*

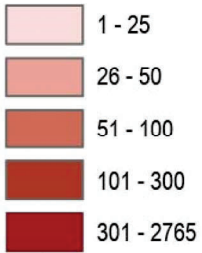
Data Plot and Equation

Caution – Small Sample Size



A.9 PATRON HEAT MAP

DAC Visitors



Dougherty Arts Center

0 3.75 7.5 Miles

