

PREFERENTIAL PHASING DIAGRAM

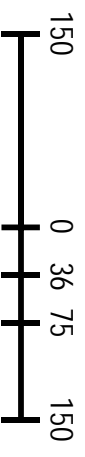
S. Site Dr. & University Ave	Storage	VIC	DELT	AV	LOS	50th Q	95th Q
EB L	388	0.42	50	D	D	43	90
EB RT	100	0.06	39	D	0	0	26
WB LTR	229	0.06	54	D	0	1	14
NB L	360	0.31	6	A	15	108	194
NB TR	446	0.28	6	A	0	0	mi
SB L	200	0.01	2	A	0	24	38
SB T	832	0.33	3	A	0	0	0
SB R	200	0.12	9	A	0	0	0
Intersection		0.33					

PREFERENTIAL PHASING DIAGRAM

S. Site Dr. & University Ave	Storage	VIC	DELT	AV	LOS	50th Q	95th Q
EB L	438	0.58	48	D	0	43	98
EB RT	288	0.38	32	D	0	0	62
WB LTR	300	0.12	7	A	4	34	58
NB L	488	0.58	7	A	4	70	127
NB TR	492	0.58	3	A	3	2	282
SB L	447	0.47	4	A	4	48	74
SB T	200	0.10	11	A	0	0	0
Intersection		0.10					

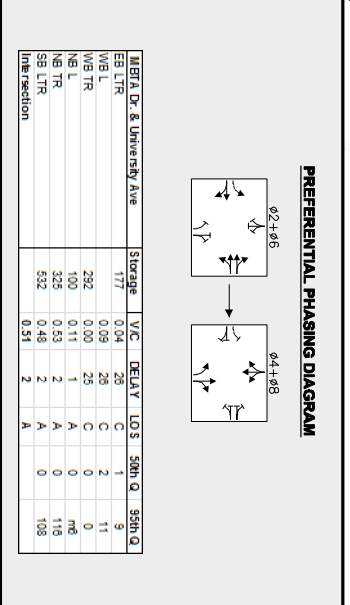
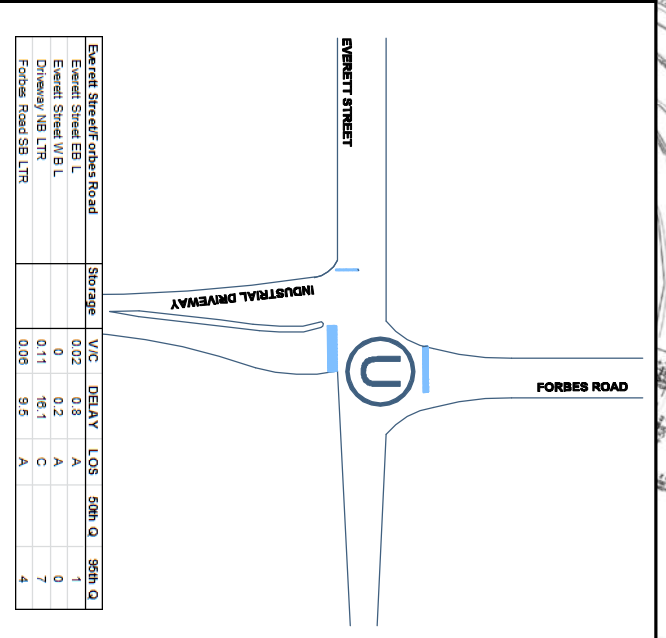
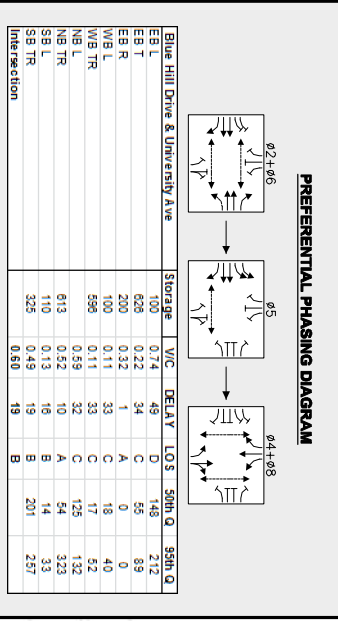
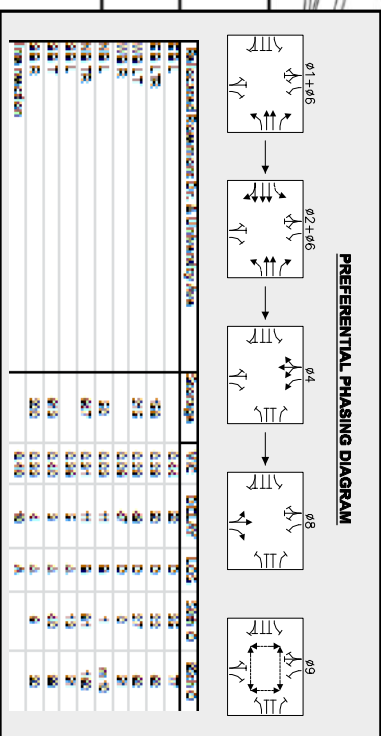
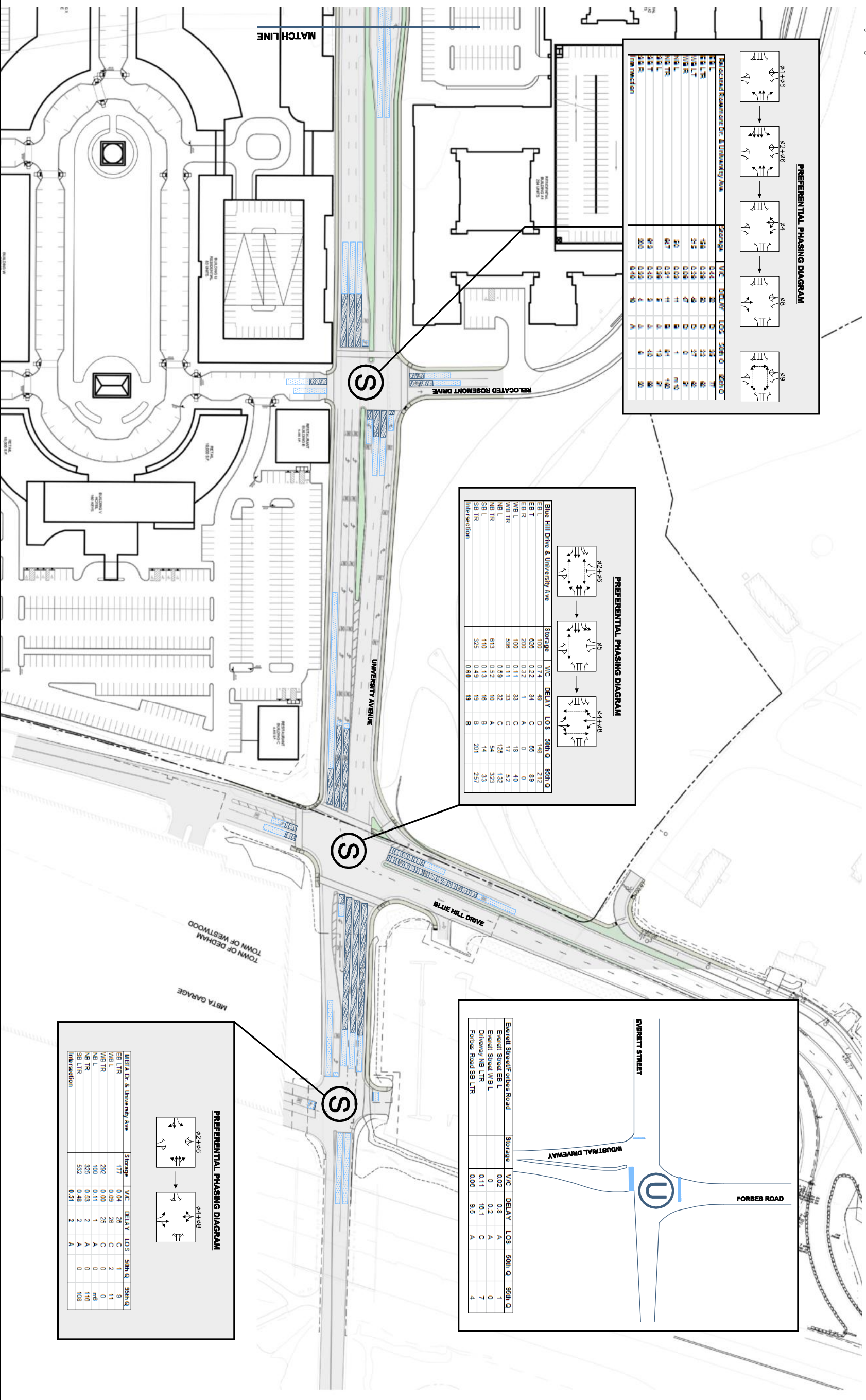


Not to Scale

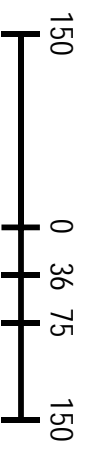


Approximate Scale in Feet

University Station
 Westwood, Massachusetts
 2022 Build
 Morning Intersection
 Queue Summary
 Figure 44b

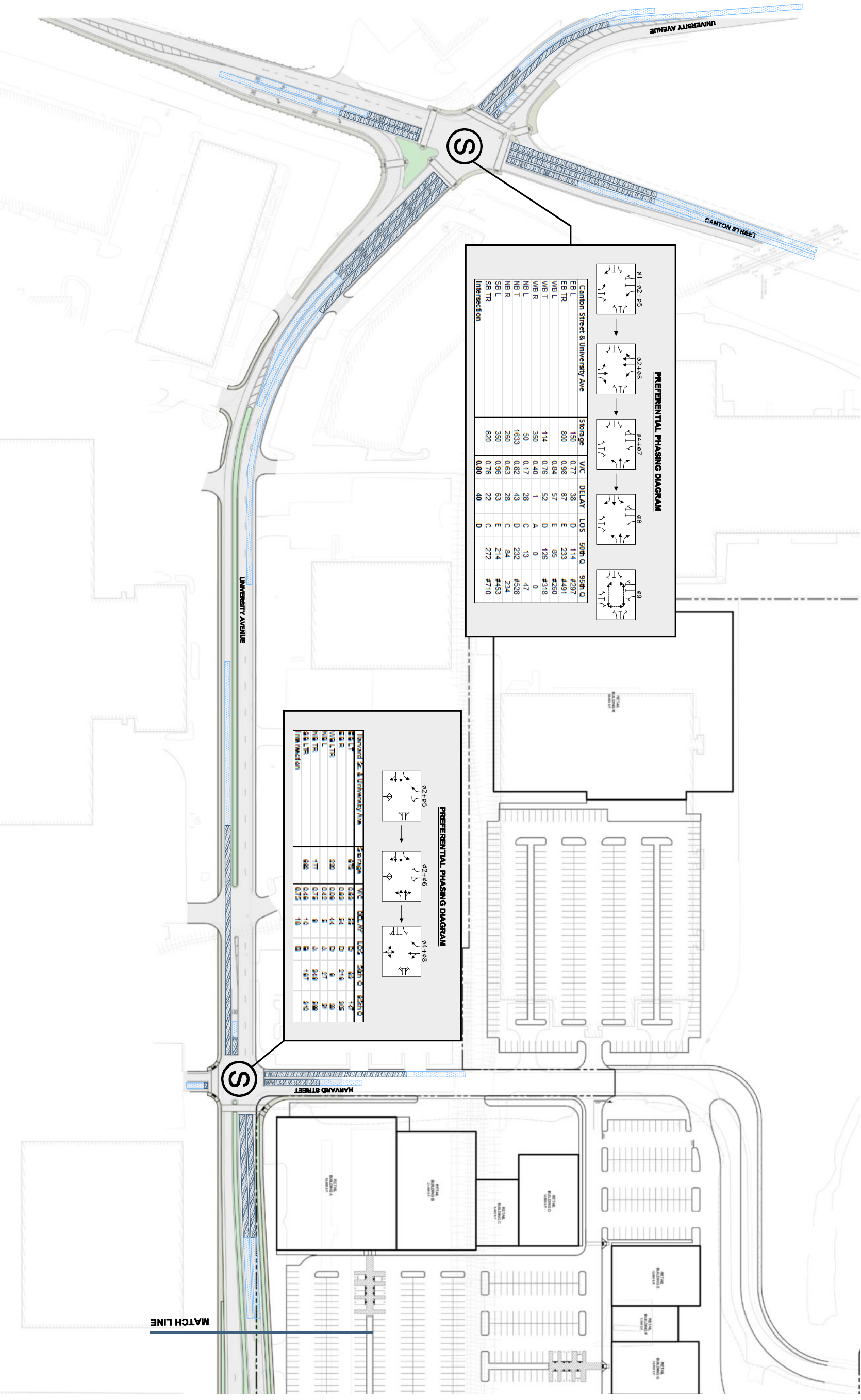


Not to Scale



Approximate Scale in Feet

University Station
 Westwood, Massachusetts
 2022 Build
 Morning Intersection
 Queue Summary
 Figure 44C



Not to Scale

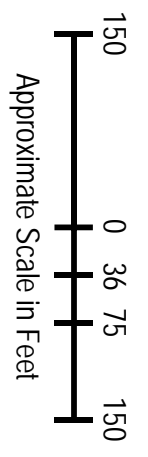


TETRA TECH



LEGEND

- = 50th % Queue (in Feet)
- = 95th % Queue (in Feet)

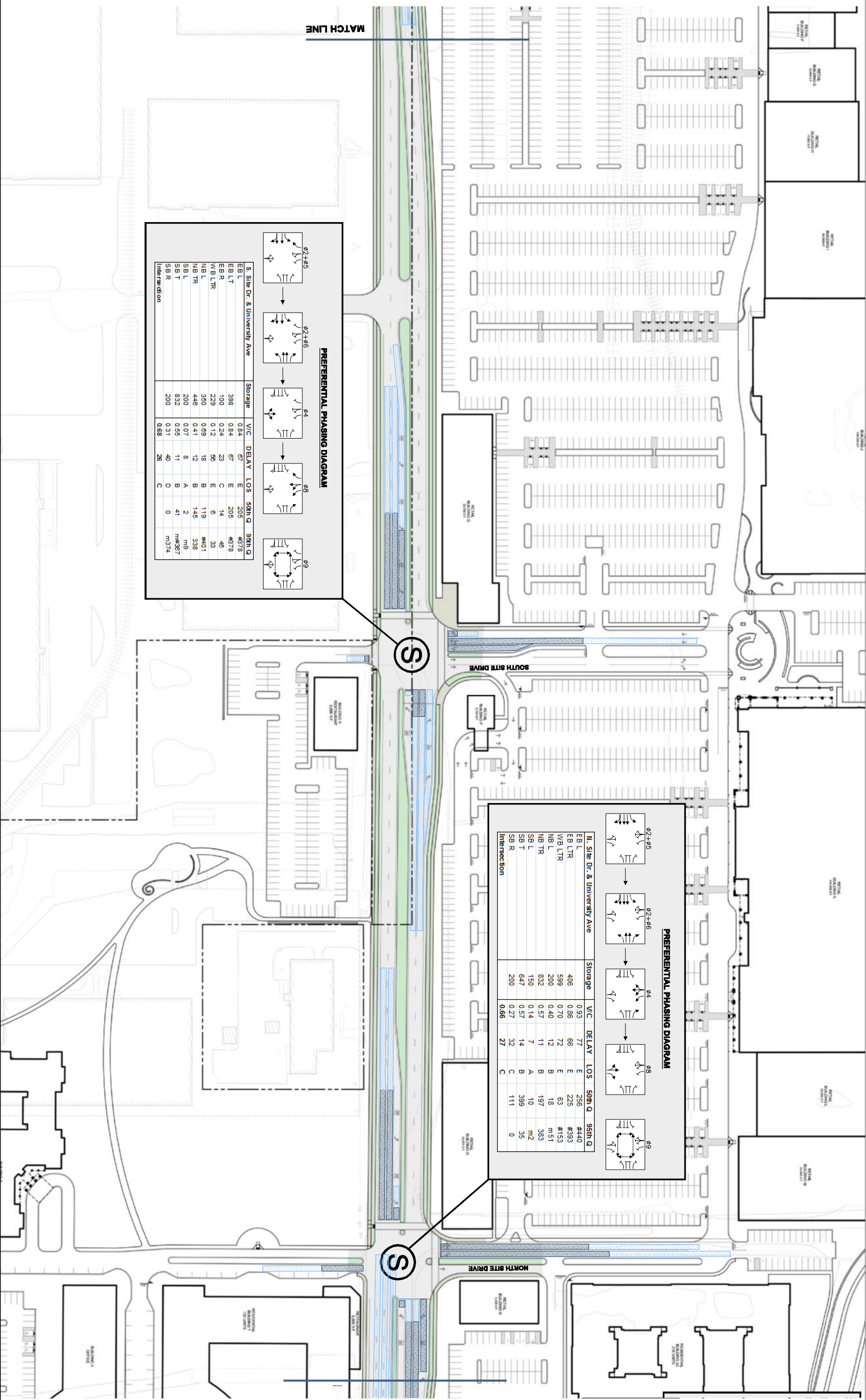


University Station
Westwood, Massachusetts

2022 Build

Afternoon Intersection
Queue Summary

Figure 45a



PREFERENTIAL PHASING DIAGRAM

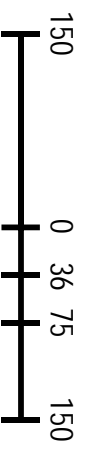
S. Site Dr. & University Ave	Storage	V/C	DELAY	LOS	50th Q	95th Q
EB LT	398	0.84	67	E	205	4978
EB RT	100	0.24	23	C	14	36
WB LTR	229	0.12	56	E	33	401
NB L	350	0.69	18	B	119	338
NB TR	446	0.41	12	B	145	2
SBL	200	0.07	8	A	41	m307
SB LT	832	0.56	11	B	41	m374
SB R	200	0.31	40	D	0	
Intersection		0.88	26	C		

PREFERENTIAL PHASING DIAGRAM

N. Site Dr. & University Ave	Storage	V/C	DELAY	LOS	50th Q	95th Q
EB LT	406	0.93	77	E	256	#440
EB LTR	599	0.96	66	E	225	#393
WB LTR	200	0.70	72	E	63	#153
NB L	832	0.40	12	B	18	m51
NB TR	150	0.57	11	B	197	383
SB LT	647	0.14	7	A	10	m2
SB RT	200	0.57	14	B	399	35
SB R	200	0.27	32	C	111	0
Intersection		0.66	27	C		

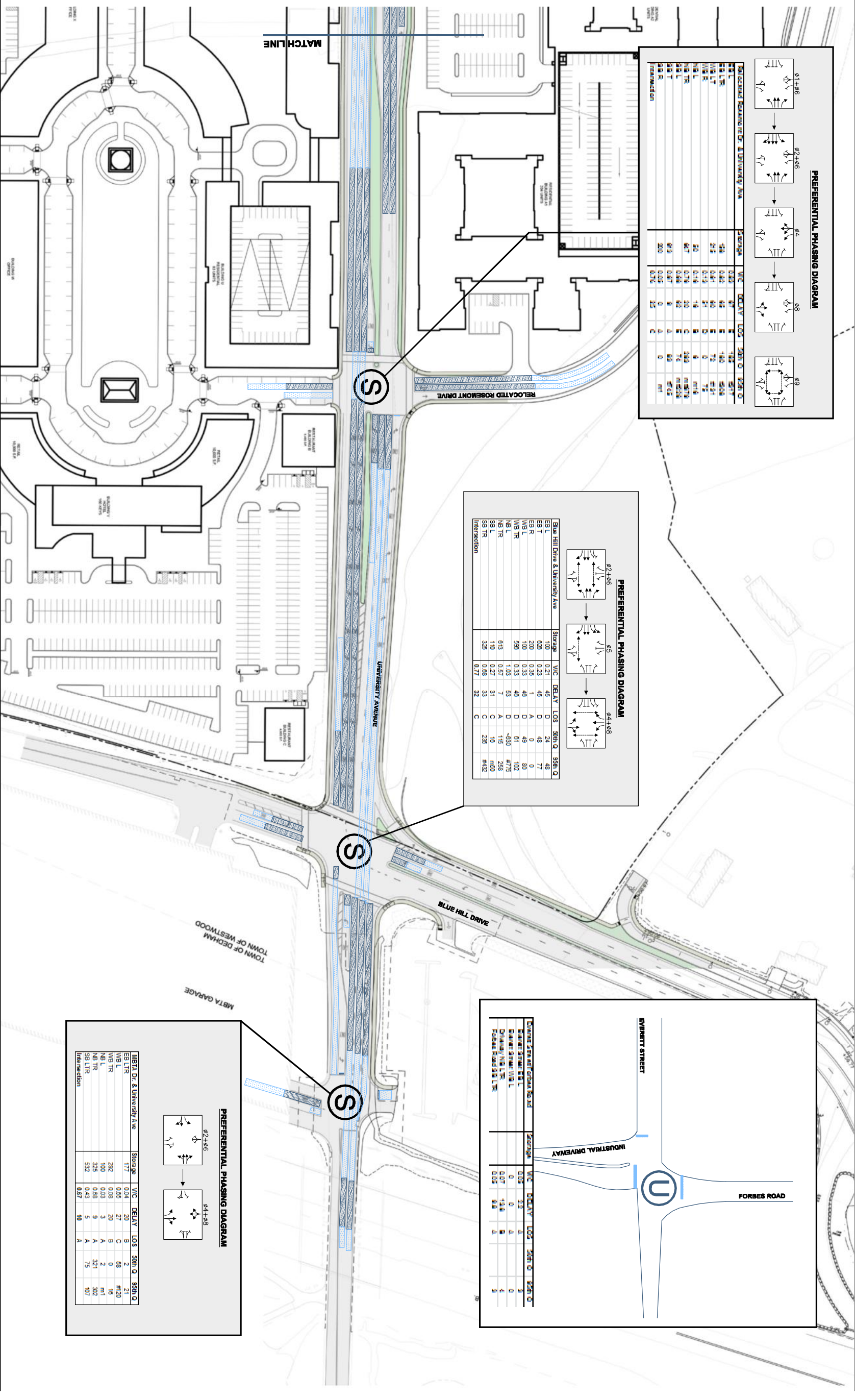


Not to Scale



University Station
Westwood, Massachusetts
2022 Build
Afternoon Intersection
Queue Summary

Figure 45b



PREFERENTIAL PHASING DIAGRAM

Direction	Storage	V/C	DELAY	LOS	50th Q	95th Q
EB L	100	0.21	46	D	24	49
EB TR	628	0.23	46	D	48	77
WB L	200	0.35	1	A	0	0
WB TR	100	0.33	46	D	49	80
SB L	590	0.33	46	D	0	102
SB TR	913	1.03	53	D	<300	#779
Intersection	325	1.0	0.2	C	15	258
	325	0.2	31	C	16	m30
	0.17	0.95	31	C	23	#432

PREFERENTIAL PHASING DIAGRAM

Direction	Storage	V/C	DELAY	LOS	50th Q	95th Q
EB L	100	0.21	46	D	24	49
EB TR	628	0.23	46	D	48	77
WB L	200	0.35	1	A	0	0
WB TR	100	0.33	46	D	49	80
SB L	590	0.33	46	D	0	102
SB TR	913	1.03	53	D	<300	#779
Intersection	325	1.0	0.2	C	15	258
	325	0.2	31	C	16	m30
	0.17	0.95	31	C	23	#432

PREFERENTIAL PHASING DIAGRAM

Direction	Storage	V/C	DELAY	LOS	50th Q	95th Q
EB L	100	0.21	46	D	24	49
EB TR	628	0.23	46	D	48	77
WB L	200	0.35	1	A	0	0
WB TR	100	0.33	46	D	49	80
SB L	590	0.33	46	D	0	102
SB TR	913	1.03	53	D	<300	#779
Intersection	325	1.0	0.2	C	15	258
	325	0.2	31	C	16	m30
	0.17	0.95	31	C	23	#432

PREFERENTIAL PHASING DIAGRAM

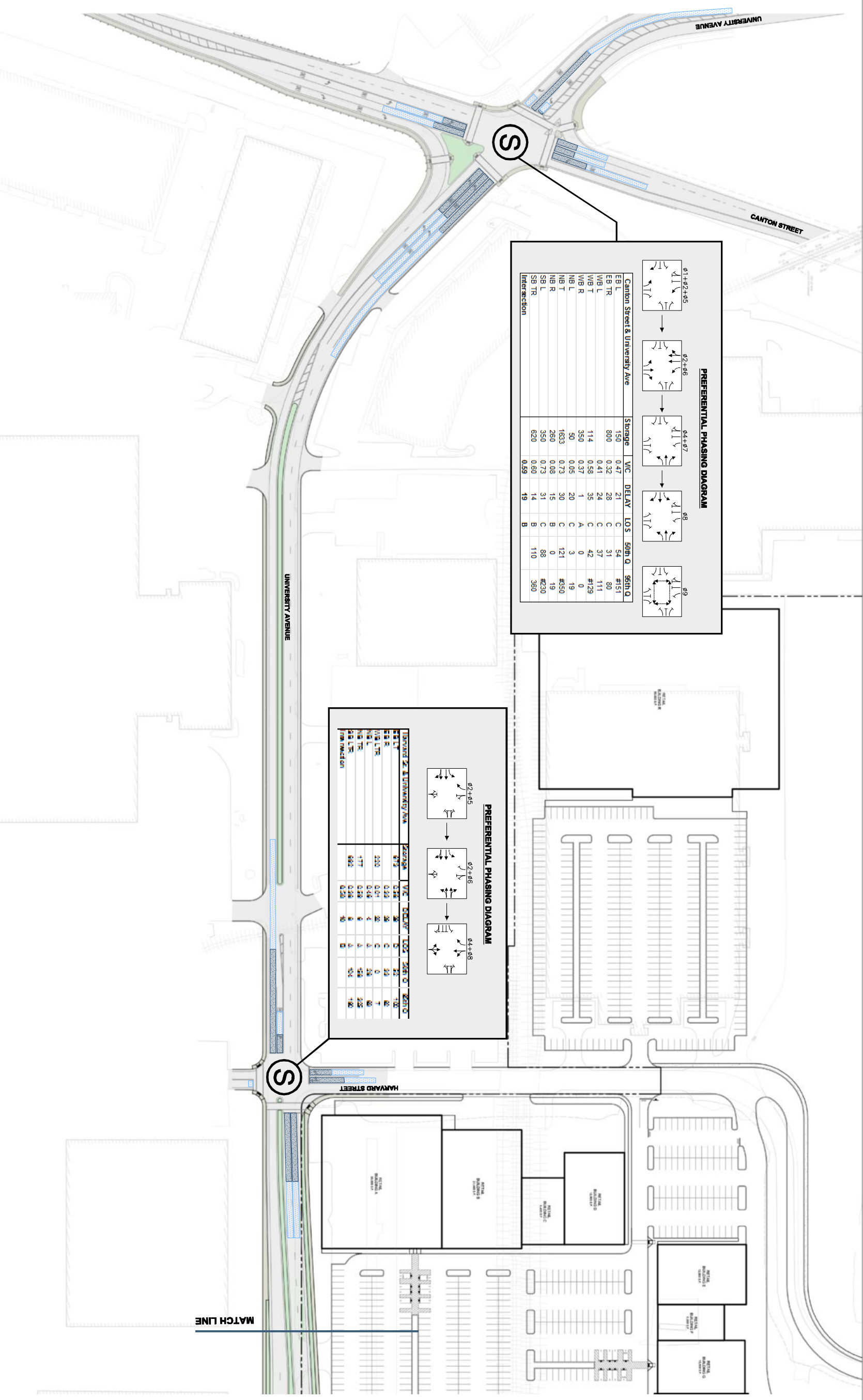
Direction	Storage	V/C	DELAY	LOS	50th Q	95th Q
EB L	177	0.34	20	B	2	21
EB TR	292	0.36	27	C	50	#120
WB L	100	0.08	20	B	0	16
WB TR	100	0.03	3	A	2	m1
SB L	325	0.68	9	A	321	302
SB TR	532	0.43	5	A	75	507
Intersection	0.57	10	A	A		



Not to Scale



University Station
Westwood, Massachusetts
2022 Build
Afternoon Intersection
Queue Summary
Figure 45C



PREFERENTIAL PHASING DIAGRAM

Storage	V/C	DELAY	LOS	50th Q	95th Q
150	0.47	21	C	54	#151
800	0.32	28	C	31	80
114	0.41	24	C	37	#129
350	0.59	35	C	42	0
50	0.37	1	A	0	19
1633	0.73	20	C	3	#350
260	0.08	15	B	0	19
350	0.73	31	C	88	#230
620	0.60	14	B	110	360

Intersection: 0.59 19 B

PREFERENTIAL PHASING DIAGRAM

Storage	V/C	DELAY	LOS	50th Q	95th Q
873	0.58	28	C	52	132
530	0.50	26	C	53	82
530	0.51	26	C	53	7
177	0.48	4	A	58	82
642	0.58	6	A	58	52
642	0.58	6	A	54	132

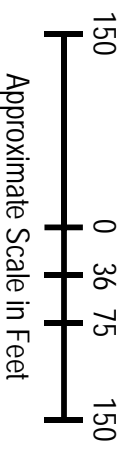
Intersection: 0.58 16 B

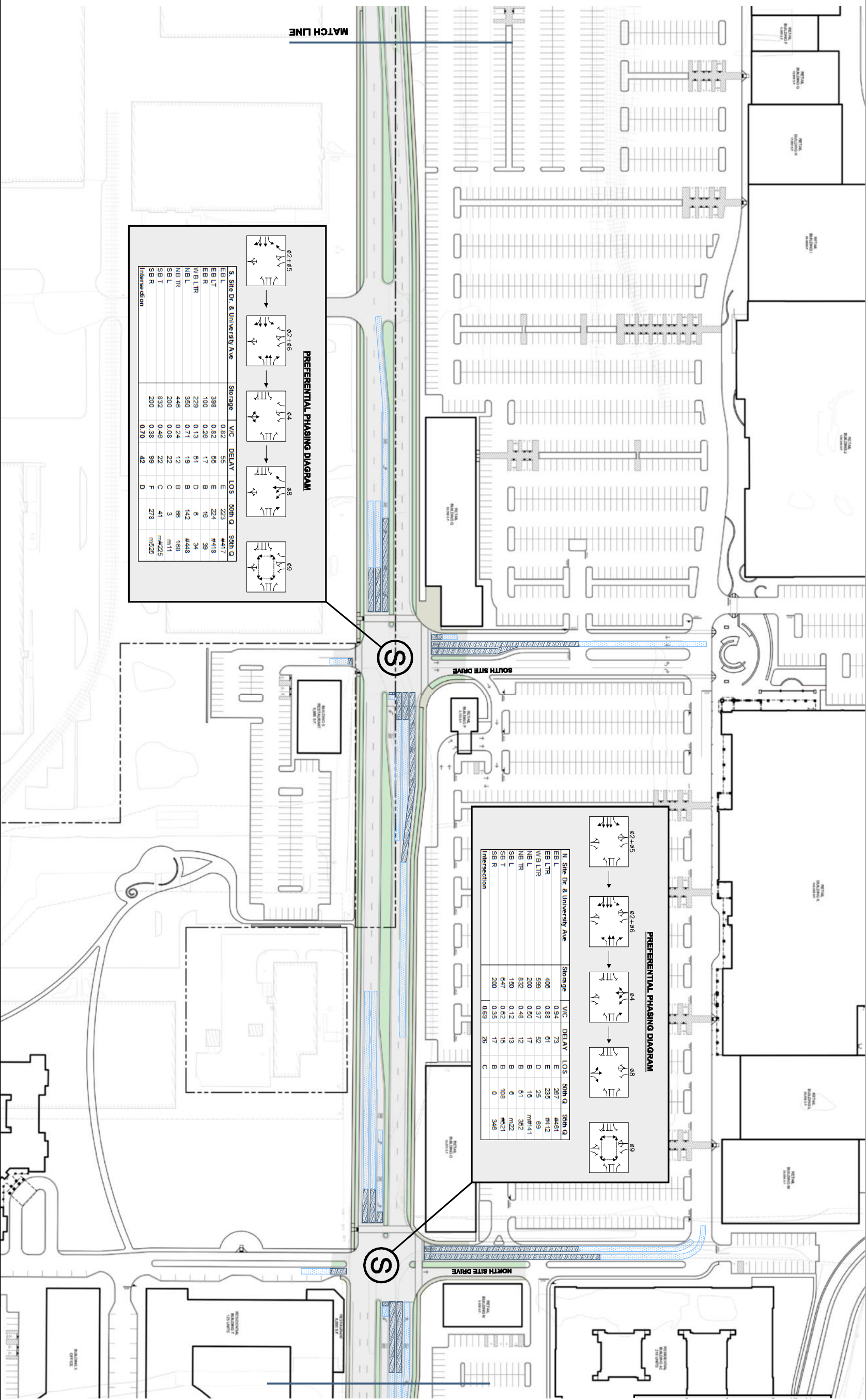


Not to Scale

LEGEND

- [Dotted Box] = 50th % Queue (in Feet)
- [Blue Box] = 95th % Queue (in Feet)





PREFERENTIAL PHASING DIAGRAM

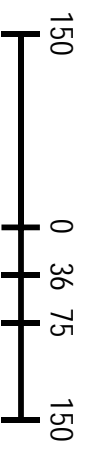
S. Site Dr. & University Ave	Storage	V/C	DELAY	LOS	50th Q	98th Q
EB L	388	0.82	66	E	223	#417
EB R	100	0.26	17	B	16	#418
WB LTR	229	0.13	61	D	30	#419
NB L	350	0.71	19	B	142	#418
NB TR	446	0.24	12	B	60	188
SB L	200	0.08	22	C	3	m11
SB T	832	0.46	22	C	41	m225
SB R	200	0.38	99	F	218	m525
Intersection		0.70	42	D		

PREFERENTIAL PHASING DIAGRAM

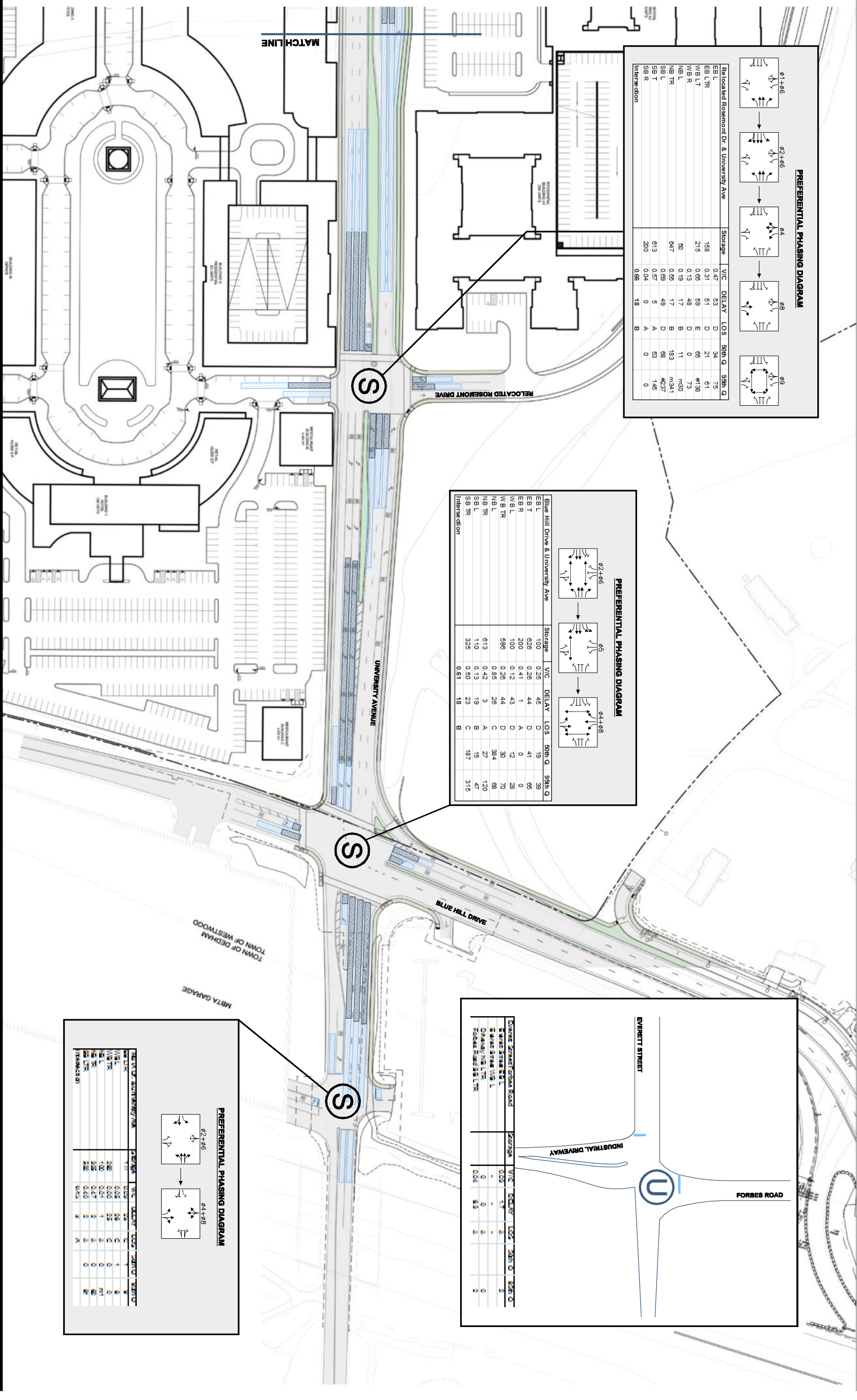
N. Site Dr. & University Ave	Storage	V/C	DELAY	LOS	50th Q	98th Q
EB L	408	0.88	61	E	236	#412
EB LTR	699	0.37	62	D	25	69
NB L	200	0.50	17	B	16	m#141
NB TR	832	0.48	12	B	51	362
SB L	150	0.12	13	B	6	m22
SB T	647	0.62	15	B	108	#C21
SB R	200	0.35	17	B	346	
Intersection		0.59	26	C		



Not to Scale



University Station
Westwood, Massachusetts
2022 Build
Saturday Intersection
Queue Summary
Figure 46b



Not to Scale



TETRATECH



University Station
Westwood, Massachusetts
2022 Build
Saturday Intersection
Queue Summary

Figure 46C