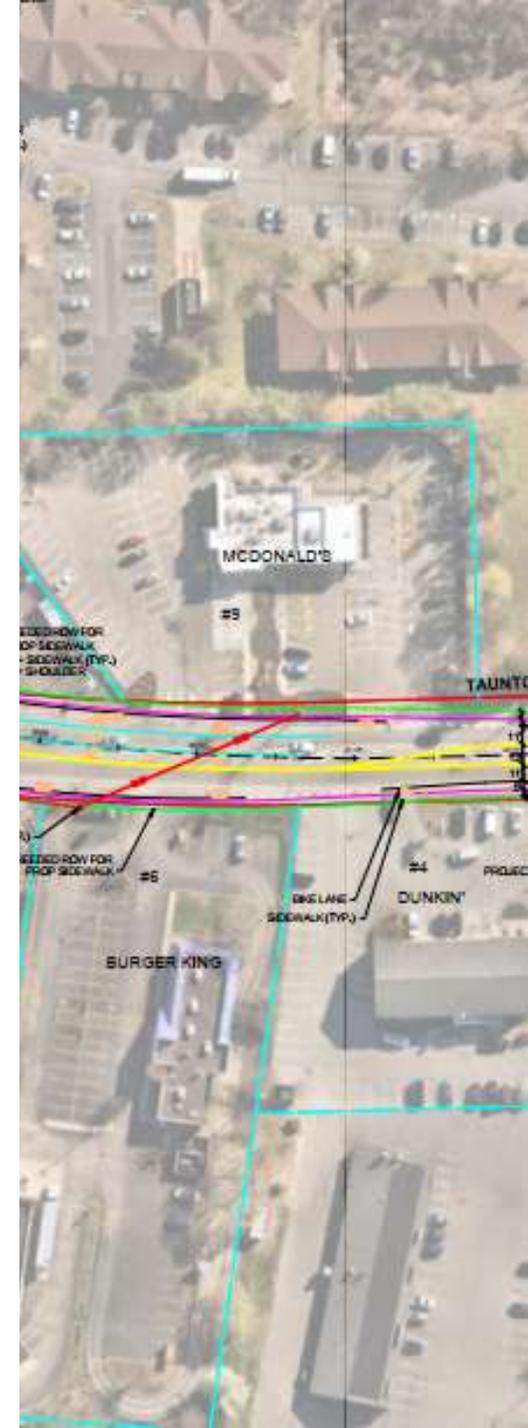


# Route 152 & Route 106 Corridor Improvements Project Update (North Attleborough and Plainville)

---

Mark Hollowell-Director of Public  
Works



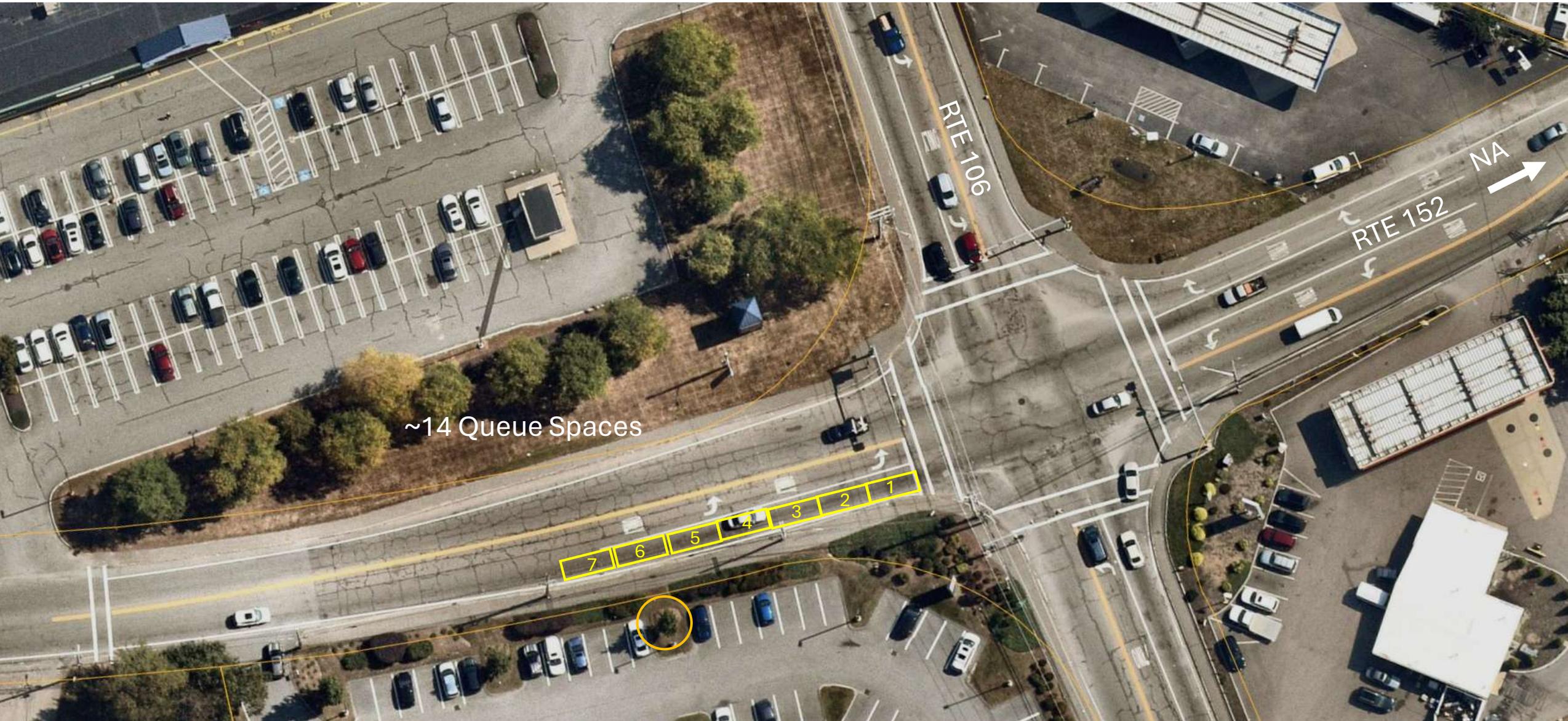
## Project Location/ Project Limits

### Funded through:

- MassWorks Grant \$3.9M
  - Mass Gaming Grant \$100k
  - Mass Gaming Grant (Applied) \$1.5M
  - Development Agreement (Marcus Partners) \$500k
  - North Attleborough \$200k
  - Plainville \$100k
- Total: \$6.30M**



# Preliminary Design- Plainville Segment



~14 Queue Spaces

RTE 106

RTE 152  
NA

N/T  
C/O THE BROADWAY COMPANY  
136 WINSLEY STREET - BOSTON, MA  
ADDRESS MAP 8 - PARCEL ID - 8\_3  
DEED BK 42641 / PAGE 579  
PLAN BOOK 241 PAGE 1710

N/T  
PLAINVILLE CROSSING LTD PART  
601 WASHINGTON ST SUITE 200 - BROOKLINE, MA  
ADDRESS MAP 8 - PARCEL ID - 8\_23  
DEED BK 25889 / PAGE 512  
PARCEL 1 ON PLAN BY JOHN VANZE JR, APRIL  
26, 1983  
ALSO FRANK T WESTDOTT CO PLAN MARCH 1985  
PLAN 833 OF 1984 (LOT A)  
PLAN 902 OF 1988 (LOT B)

N/T  
CROSSING LTD PART  
SUITE 200 - BROOKLINE, MA  
ADDRESS MAP 8 - PARCEL ID - 8\_23  
DEED BK 25889 / PAGE 512  
BY JOHN VANZE JR, APRIL  
26, 1983  
FRANK T WESTDOTT CO PLAN MARCH 1985  
PLAN 833 OF 1984 (LOT A)  
PLAN 902 OF 1988 (LOT B)

N/T  
WARRING HEALTH LLC  
11 TAUNTON ST - PLAINVILLE, MA  
ADDRESS MAP 8 - PARCEL ID - 8\_23  
DEED BK 25889 / PAGE 512  
CERTIFIED  
LAND COURT PLAN SHEET-8

~36 Queue Spaces

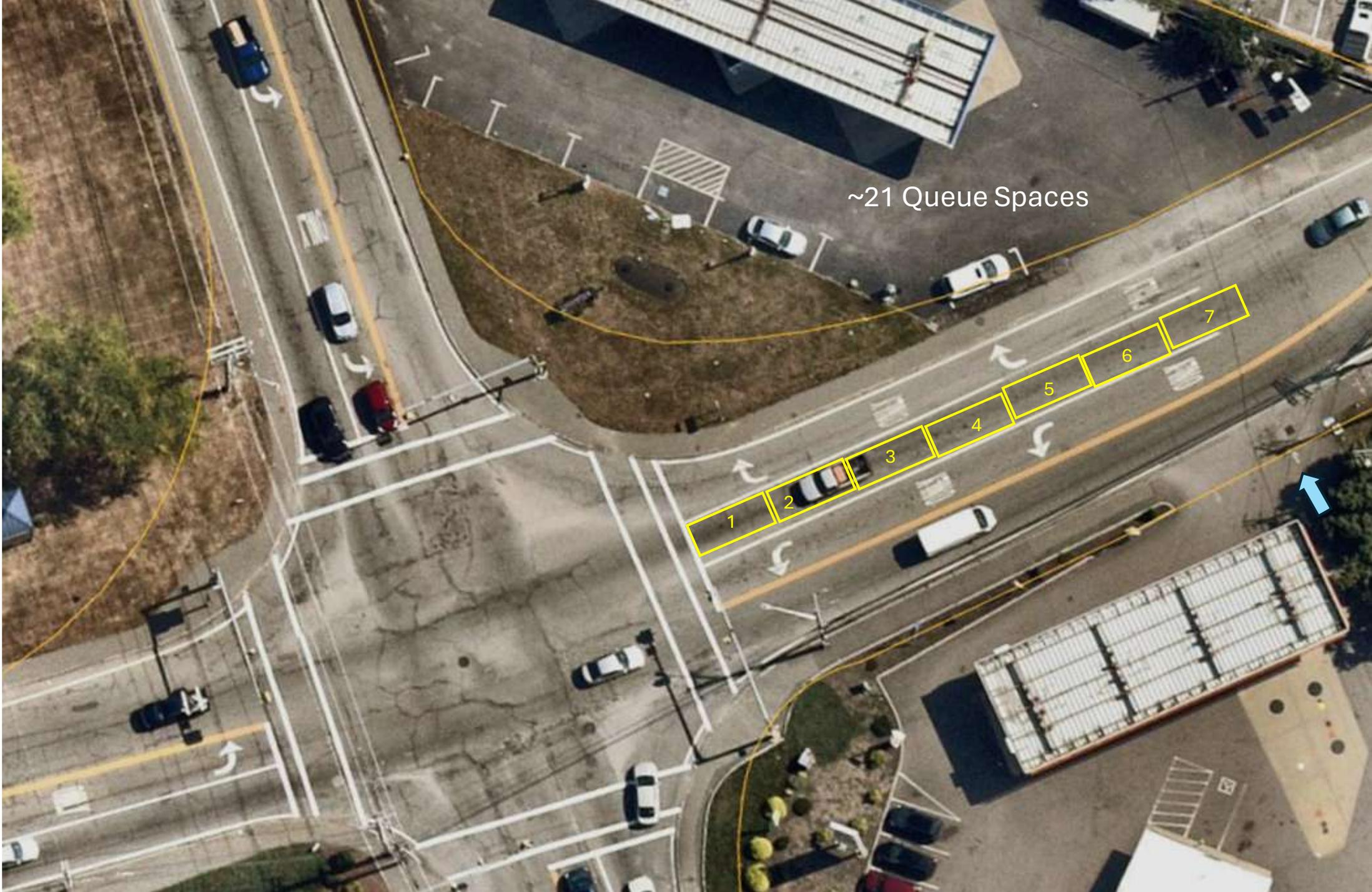


N/T  
18 TAUNTON SQUARE, LLC  
C/O THE BROADWAY COMPANY  
136 WINSLEY STREET - BOSTON, MA  
ADDRESS MAP 8 - PARCEL ID - 8\_3  
DEED BK 42641 / PAGE 579  
PLAN BOOK 241 PAGE 1710

N/T  
STURDY MEMORIAL FOUNDATION, INC  
211 PARK STREET - ATELEBORO, MA  
ADDRESS MAP 8 - PARCEL ID - 8\_23  
DEED BK 33521 / PAGE 471  
PLAN BOOK 316 #1308 OF 1984  
PLAN BOOK 241 PAGE 1710

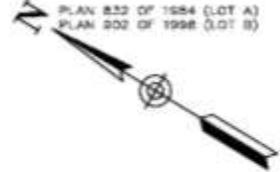
N/T  
WESTWOOD PROPERTY MANAGER  
10 TAUNTON SQUARE - BOSTON, MA  
ADDRESS MAP 8 - PARCEL ID - 8\_3  
DEED BK 42641 / PAGE 579  
PLAN BOOK 241 PAGE 1710

CONTINUED ON  
PART 80 37



~21 Queue Spaces

N/T  
PLAINVILLE CROSSING LTD PART,  
671 WASHINGTON ST SUITE 200 - BROOMFIELD, MA  
ASSESS. MAP 6 - PARCEL ID: 6\_12  
DEED BK 21889 / PAGE 513  
PARCEL 1 ON PLAN BY JOHN VANCE JR, APRIL  
26, 1982  
ALSO FRANK T WESTCOTT CD PLAN MARCH 1985  
PLAN 822 OF 1984 (LOT A)  
PLAN 202 OF 1988 (LOT B)

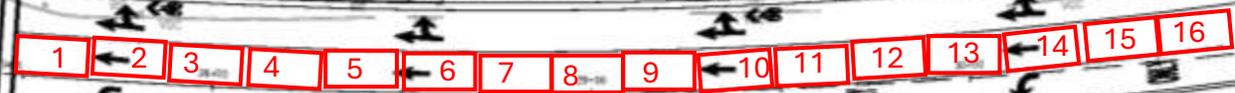


CONTINUED ON  
SHEET NO. 32

N/T  
MCDONALDS CORPORATION #3542  
10 OCEANA WAY SUITE 32 - NORWOOD, MA  
ASSESS. MAP 10 - PARCEL ID: 10\_11  
DEED BK 002 / PAGE 37  
LAND COURT PLAN 25821-C

N/T  
MARKO REALTY LLC  
11 TAUNTON ST - PLAINVILLE, MA  
ASSESS. MAP 5 - PARCEL ID: 5\_33  
DEED BK / PAGE 1-427899  
CERT#18315  
LAND COURT PLAN 25821-B

~48 Queue Spaces



ROUTE 152 (TAUNTON STREET)



(MESSENGER STREET)

ROUTE 106 (MESSENGER STREET)

N/T  
SIXTH REALTY LLC  
5 FOX HOLLOW LN - SHARON, MA  
ASSESS. MAP 10 - PARCEL ID: 10\_13  
DEED BK 28834 / PAGE 121  
PLAN BOOK 285 PAGE 936 (AP 10 LOT 13)  
PLAN BOOK 285 PAGE 936

### AM Peak Hour

Intersection	Existing (2023)				No-Build (2043)				Build (2043)			
	LOS	Delay	v/c	95th % Queue	LOS	Delay	v/c	95th % Queue	LOS	Delay	v/c	95th % Queue
<b>Route 152 and Route 106</b>												
Route 152 NBL	D	38.4	0.59	94	F	84.9	0.91	#158	B	17.3	0.34	95
Route 152 NBT	F	124.2	1.13	#615	F	199.1	1.31	#756	C	31.2	0.74	#335
Route 152 SBL	D	51.9	0.73	#111	E	65.7	0.81	#135	C	22.9	0.52	#98
Route 152 SBT	D	54.9	0.81	#419	E	67.9	0.92	#507	C	27.5	0.48	173
Route 106 EBL	F	110.4	0.97	#135	F	141.3	1.07	#160	C	26.4	0.43	103
Route 106 EBT	F	171.2	1.23	#523	F	233.5	1.38	#611	D	38.2	0.75	#222
Route 106 WBL	F	143.4	1.15	#171	F	196.0	1.29	#210	C	23.6	0.59	#168
Route 106 WBT	F	108.3	1.07	318	F	152.3	1.20	#386	C	28.0	0.40	122
<b>Overall</b>	<b>F</b>	<b>108.1</b>	<b>0.9</b>		<b>F</b>	<b>153.0</b>	<b>1.03</b>		<b>C</b>	<b>29.5</b>	<b>0.66</b>	

<b>Route 152 and Plain St</b>												
Plain St WBL	D	26.1	0.108	10.0	D	34.7	0.166	15.0	D	27.7	0.126	10
Plain St WBR	D	25.8	0.575	87.5	E	44.4	0.766	150.0	D	30.9	0.644	107.5
Route 152 SBL	B	10.6	0.2	17.5	B	11.8	0.251	25.0	B	11.1	0.229	22.5

<b>Route 152 and George Leven Dr</b>												
George Leven Dr EBL	C	18.7	0.107	10.0	D	26.4	0.35	37.5	D	47.3	0.64	106
George Leven Dr EBR	B	12.2	0.044	2.5	B	13.5	0.116	10.0	D	35.9	0.04	37
Route 152 NBL	A	8.7	0.033	2.5	A	9	0.05	5.0	A	5.1	0.10	27
Route 152 NBT									A	7.1	0.56	440
Route 152 SBT									B	11.2	0.54	424
<b>Overall</b>									<b>B</b>	<b>12.1</b>	<b>0.59</b>	

Existing legend

	LOS went from LOS E or better to LOS F.
	LOS went from LOS D or better to LOS E.

No-Build legend

	LOS worsens to F.
	LOS worsens to E.

Build legend

	LOS worsens to F in Build.
	LOS worsens to E in Build.
	LOS improves to LOS E.
	LOS improves to LOS D.
	LOS improves to LOS C or better.

Notes:

1. Existing timings at Route 152 and Route 106 are based on assumptions and field observations.
2. No-Build Model includes background growth and project generated trips with Existing geometry and timings.
3. Build model includes all proposed geometry from the "Conceptual Roadway Improvements Plan" prepared by MDM May, 2022.
4. Build signal timings are based on Synchro's optimized timings.

**PM Peak Hour**

Intersection	Existing (2023)				No-Build (2043)				Build (2043)			
	LOS	Delay	v/c	95th % Queue	LOS	Delay	v/c	95th % Queue	LOS	Delay	v/c	95th % Queue
<b>Route 152 and Route 106</b>												
Route 152 NBL	C	34.6	0.78	#173	D	44.9	0.85	#212	C	29.6	0.74	#173
Route 152 NBT	C	30.0	0.65	328	C	32.2	0.71	378	D	35.7	0.76	#239
Route 152 SBL	C	22.0	0.40	72	C	23.0	0.49	77	B	19.8	0.42	79
Route 152 SBT	F	104.8	1.11	#686	F	162.4	1.26	#808	D	40.0	0.84	#304
Route 106 EBL	C	28.6	0.57	104	C	31.2	0.64	#125	C	24.4	0.52	97
Route 106 EBT	F	115.7	1.11	#514	F	182.7	1.28	#615	C	34.8	0.66	154
Route 106 WBL	F	93.8	1.03	#289	F	135.2	1.16	#338	C	29.8	0.79	#225
Route 106 WBT	F	188.7	1.30	#635	F	241.1	1.42	#708	C	33.3	0.72	204
<b>Overall</b>	<b>F</b>	<b>92.9</b>	<b>1.15</b>		<b>F</b>	<b>130.6</b>	<b>1.28</b>		<b>C</b>	<b>34.0</b>	<b>0.87</b>	

<b>Route 152 and Plain St</b>												
Plain St WBL	E	41.2	0.281	28	F	140.8	0.652	67.5	F	51.1	0.337	33
Plain St WBR	C	22.7	0.573	87.5	D	29.1	0.638	107.5	D	29.1	0.638	107.5
Route 152 SBL	B	10.1	0.229	22.5	B	11.3	0.303	32.5	B	11.3	0.303	32.5

<b>Route 152 and George Leven Dr</b>												
George Leven Dr EBL	C	23.7	0.182	15.0	D	33.6	0.351	37.5	D	37.1	0.37	82
George Leven Dr EBR	C	20.5	0.288	30.0	D	26.3	0.375	42.5	C	34.8	0.06	47
Route 152 NBL	B	10.2	0.045	2.5	B	11.3	0.095	7.5	B	11.9	0.38	71
Route 152 NBT									A	7.3	0.54	442
Route 152 SBT									B	15.7	0.85	#1049
<b>Overall</b>									<b>B</b>	<b>14.3</b>	<b>0.75</b>	

Existing legend

	LOS F.
	LOS E.

No-Build legend

	LOS worsens to F.
	LOS worsens to E.

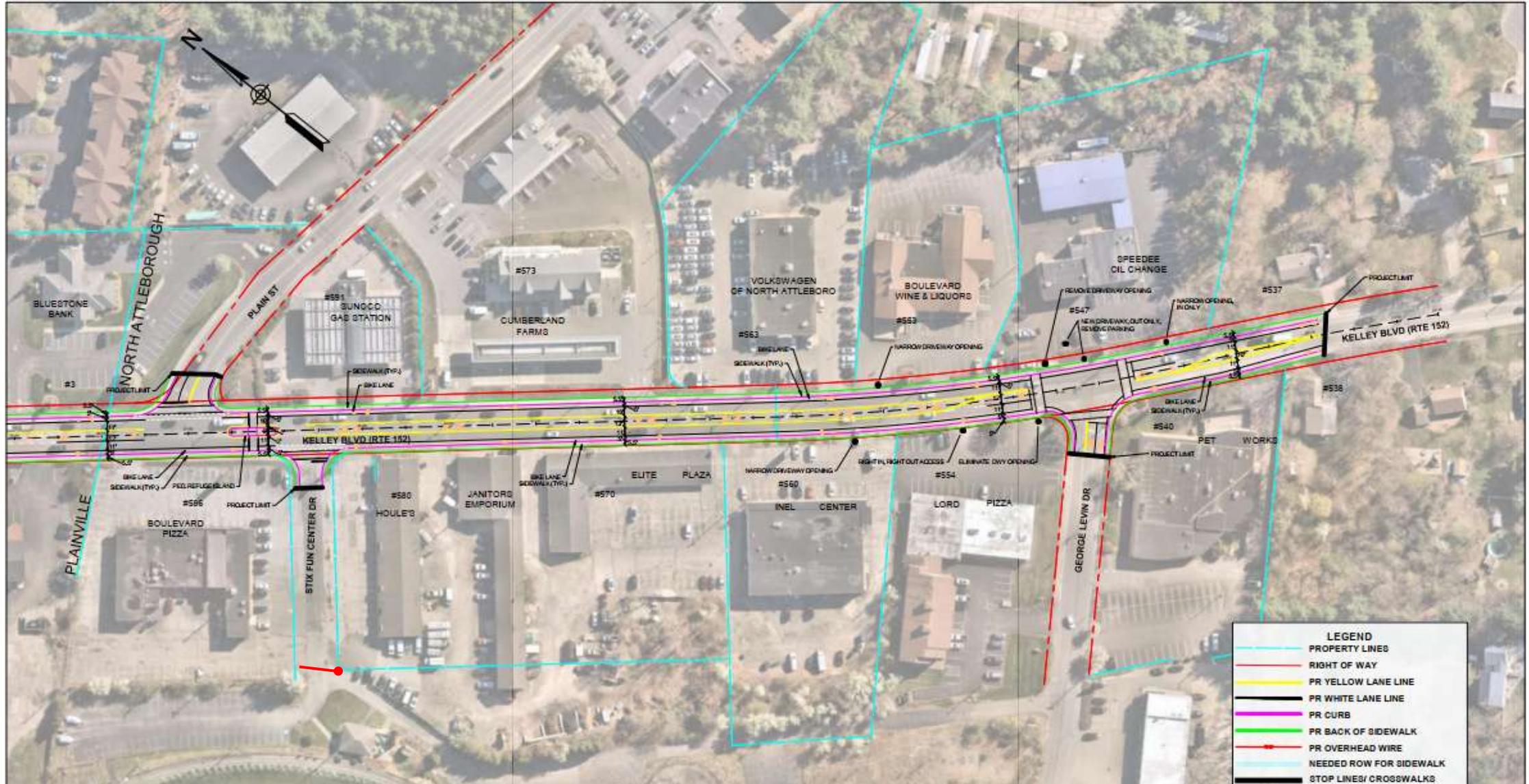
Build legend

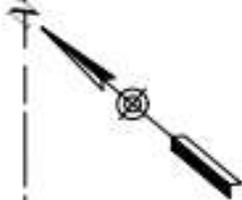
	LOS worsens to F in Build.
	LOS worsens to E in Build.
	LOS improves to LOS E.
	LOS improves to LOS D.
	LOS improves to LOS C or better.

**Notes:**

- Existing timings at Route 152 and Route 106 are based on assumptions and field observations.
- No-Build Model includes background growth and project generated trips with Existing geometry and timings.
- Build model includes all proposed geometry from the "Conceptual Roadway Improvements Plan" prepared by MDM May, 2022.
- Build signal timings are based on Synchro's optimized timings.

# Preliminary Design – North Attleborough Segment





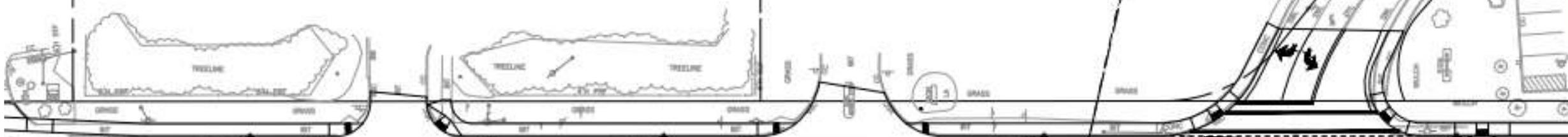
N/T  
 PO WILLOW TRACE II LLC  
 4958 NORTH 300 WEST, UNIT 300 - PROVID, UT  
 ASSESS. MAP 10 - PARCEL ID: 10\_7  
 DEED BK 1911437 / PAGE 258622

GTF #90121  
 LAND COURT PLAN 29921-B  
 LAND COURT PLAN 29921-A

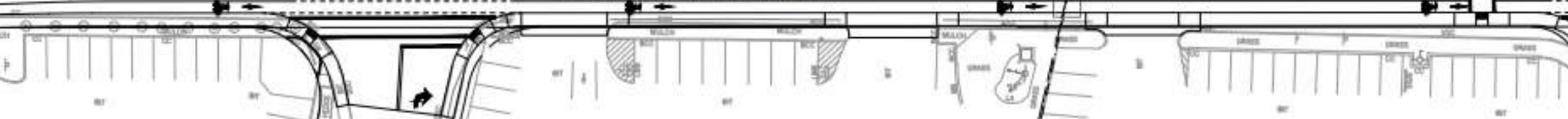
N/T  
 MANSFIELD CO-OPERATIVE BANK  
 80 NO MAIN ST - MANSFIELD, MA  
 ASSESS. MAP 10 - PARCEL ID: 10\_8  
 DEED BK 847 / PAGE 73  
 LAND COURT PLAN 29921-B (LOT 1)

N/T  
 MANSFIELD CO-OPERATIVE BANK  
 80 NO MAIN ST - MANSFIELD, MA  
 ASSESS. MAP 10 - PARCEL ID: 10\_8  
 DEED BK 847 / PAGE 73  
 LAND COURT PLAN 29921-B (LOT 1)  
 DEED NOT BASED ON SURVEY (RECORDS PAYMENT)

COMBINATION SHEETS 37



ROUTE 152 (TAUNTON STREET)



N/T  
 SIXTH REALTY LLC  
 5 FOX HOLLOW LN - SHARON, MA  
 ASSESS. MAP 10 - PARCEL ID: 10\_13  
 DEED BK 26834 / PAGE 131  
 PLAN BOOK 285 PAGE 936 (AP 10 LOT 13)  
 PLAN BOOK 289 PAGE 590

N/T  
 B R I INC  
 2 TAUNTON ST. - PLAINVILLE, MA  
 ASSESS. MAP 10 - PARCEL ID: 10\_2A  
 DEED BK 8257 / PAGE 157  
 PLAN BOOK 285 PAGE 936 (AP 10 LOT 2A)  
 PLAN BOOK 289 PAGE 590

MAN-MAR DRIVE

PLAINVILLE

NORTH ATTLEBOROUGH

PLAIN STREET

### AM Peak Hour

Intersection	Existing (2023)				No-Build (2043)				Build (2043)			
	LOS	Delay	v/c	95th % Queue	LOS	Delay	v/c	95th % Queue	LOS	Delay	v/c	95th % Queue
<b>Route 152 and Route 106</b>												
Route 152 NBL	D	38.4	0.59	94	F	84.9	0.91	#158	B	17.3	0.34	95
Route 152 NBT	F	124.2	1.13	#615	F	199.1	1.31	#756	C	31.2	0.74	#335
Route 152 SBL	D	51.9	0.73	#111	E	65.7	0.81	#135	C	22.9	0.52	#98
Route 152 SBT	D	54.9	0.81	#419	E	67.9	0.92	#507	C	27.5	0.48	173
Route 106 EBL	F	110.4	0.97	#135	F	141.3	1.07	#160	C	26.4	0.43	103
Route 106 EBT	F	171.2	1.23	#523	F	233.5	1.38	#611	D	38.2	0.75	#222
Route 106 WBL	F	143.4	1.15	#171	F	196.0	1.29	#210	C	23.6	0.59	#168
Route 106 WBT	F	108.3	1.07	318	F	152.3	1.20	#386	C	28.0	0.40	122
<b>Overall</b>	<b>F</b>	<b>108.1</b>	<b>0.9</b>		<b>F</b>	<b>153.0</b>	<b>1.03</b>		<b>C</b>	<b>29.5</b>	<b>0.66</b>	
<b>Route 152 and Plain St</b>												
Plain St WBL	D	26.1	0.108	10.0	D	34.7	0.166	15.0	D	27.7	0.126	10
Plain St WBR	D	25.8	0.575	87.5	E	44.4	0.766	150.0	D	30.9	0.644	107.5
Route 152 SBL	B	10.6	0.2	17.5	B	11.8	0.251	25.0	B	11.1	0.229	22.5
<b>Route 152 and George Leven Dr</b>												
George Leven Dr EBL	C	18.7	0.107	10.0	D	26.4	0.35	37.5	D	47.3	0.64	106
George Leven Dr EBR	B	12.2	0.044	2.5	B	13.5	0.116	10.0	D	35.9	0.04	37
Route 152 NBL	A	8.7	0.033	2.5	A	9	0.05	5.0	A	5.1	0.10	27
Route 152 NBT									A	7.1	0.56	440
Route 152 SBT									B	11.2	0.54	424
<b>Overall</b>									<b>B</b>	<b>12.1</b>	<b>0.59</b>	

Existing legend

	LOS went from LOS E or better to LOS F.
	LOS went from LOS D or better to LOS E.

No-Build legend

	LOS worsens to F.
	LOS worsens to E.

Build legend

	LOS worsens to F in Build.
	LOS worsens to E in Build.
	LOS improves to LOS E.
	LOS improves to LOS D.
	LOS improves to LOS C or better.

Notes:

1. Existing timings at Route 152 and Route 106 are based on assumptions and field observations.
2. No-Build Model includes background growth and project generated trips with Existing geometry and timings.
3. Build model includes all proposed geometry from the "Conceptual Roadway Improvements Plan" prepared by MDM May, 2022.
4. Build signal timings are based on Synchro's optimized timings.

**PM Peak Hour**

Intersection	Existing (2023)				No-Build (2043)				Build (2043)			
	LOS	Delay	v/c	95th % Queue	LOS	Delay	v/c	95th % Queue	LOS	Delay	v/c	95th % Queue
<b>Route 152 and Route 106</b>												
Route 152 NBL	C	34.6	0.78	#173	D	44.9	0.85	#212	C	29.6	0.74	#173
Route 152 NBT	C	30.0	0.65	328	C	32.2	0.71	378	D	35.7	0.76	#239
Route 152 SBL	C	22.0	0.40	72	C	23.0	0.49	77	B	19.8	0.42	79
Route 152 SBT	F	104.8	1.11	#686	F	162.4	1.26	#808	D	40.0	0.84	#304
Route 106 EBL	C	28.6	0.57	104	C	31.2	0.64	#125	C	24.4	0.52	97
Route 106 EBT	F	115.7	1.11	#514	F	182.7	1.28	#615	C	34.8	0.66	154
Route 106 WBL	F	93.8	1.03	#289	F	135.2	1.16	#338	C	29.8	0.79	#225
Route 106 WBT	F	188.7	1.30	#635	F	241.1	1.42	#708	C	33.3	0.72	204
<b>Overall</b>	<b>F</b>	<b>92.9</b>	<b>1.15</b>		<b>F</b>	<b>130.6</b>	<b>1.28</b>		<b>C</b>	<b>34.0</b>	<b>0.87</b>	
<b>Route 152 and Plain St</b>												
Plain St WBL	E	41.2	0.281	28	F	140.8	0.652	67.5	F	51.1	0.337	33
Plain St WBR	C	22.7	0.573	87.5	D	29.1	0.638	107.5	D	29.1	0.638	107.5
Route 152 SBL	B	10.1	0.229	22.5	B	11.3	0.303	32.5	B	11.3	0.303	32.5
<b>Route 152 and George Leven Dr</b>												
George Leven Dr EBL	C	23.7	0.182	15.0	D	33.6	0.351	37.5	D	37.1	0.37	82
George Leven Dr EBR	C	20.5	0.288	30.0	D	26.3	0.375	42.5	C	34.8	0.06	47
Route 152 NBL	B	10.2	0.045	2.5	B	11.3	0.095	7.5	B	11.9	0.38	71
Route 152 NBT									A	7.3	0.54	442
Route 152 SBT									B	15.7	0.85	#1049
<b>Overall</b>									<b>B</b>	<b>14.3</b>	<b>0.75</b>	

Existing legend

<span style="background-color: #f8d7da; border: 1px solid #f5c6cb; padding: 2px;"> </span>	LOS F.
<span style="background-color: #fff3cd; border: 1px solid #ffeeba; padding: 2px;"> </span>	LOS E.

No-Build legend

<span style="background-color: #f8d7da; border: 1px solid #f5c6cb; padding: 2px;"> </span>	LOS worsens to F.
<span style="background-color: #fff3cd; border: 1px solid #ffeeba; padding: 2px;"> </span>	LOS worsens to E.

Build legend

<span style="background-color: #f8d7da; border: 1px solid #f5c6cb; padding: 2px;"> </span>	LOS worsens to F in Build.
<span style="background-color: #fff3cd; border: 1px solid #ffeeba; padding: 2px;"> </span>	LOS worsens to E in Build.
<span style="background-color: #fff3cd; border: 1px dashed #ffeeba; padding: 2px;"> </span>	LOS improves to LOS E.
<span style="background-color: #fff3cd; border: 1px dashed #ffeeba; padding: 2px;"> </span>	LOS improves to LOS D.
<span style="background-color: #d4edda; border: 1px dashed #c3e6cb; padding: 2px;"> </span>	LOS improves to LOS C or better.

**Notes:**

- Existing timings at Route 152 and Route 106 are based on assumptions and field observations.
- No-Build Model includes background growth and project generated trips with Existing geometry and timings.
- Build model includes all proposed geometry from the "Conceptual Roadway Improvements Plan" prepared by MDM May, 2022.
- Build signal timings are based on Synchro's optimized timings.

# Preliminary Concept (Sidewalk/Bike Lane/Center Turn Lane)



Concept Cross Section  
Looking Northwest



Made with **Streetmix**

N/F  
7-ELEVEN INC  
PO BOX 711 - DALLAS, TX  
ASSESS. MAP 37 - PARCEL ID: 37-152  
DEED BK 00083 / PAGE 0107  
DEED NOT SAVED (N. BRISTOL REG REQUIRES PAYMENT)  
LCP 15160-D

N/F  
CFI PROPCO 2 LLC  
165 FLANDERS RD - WESTBOROUGH, MA  
ASSESS. MAP 37 - PARCEL ID: 37-152A  
DEED BK 00086 / PAGE 0079  
LC PL 15160-F

PLAN BOOK 154 PAGE 22 (LOTS 8, 5, & 11)  
PLAN BOOK 513 PAGE 61 (LOT 15)

N/F  
MELLO LLC  
563 KELLEY BLVD - N ATTLEBORO, MA  
ASSESS. MAP 37 - PARCEL ID: 37-318  
DEED BK 00067 / PAGE 0065  
LC PL 15160-D

ROUTE 152 (KELLEY BLVD)

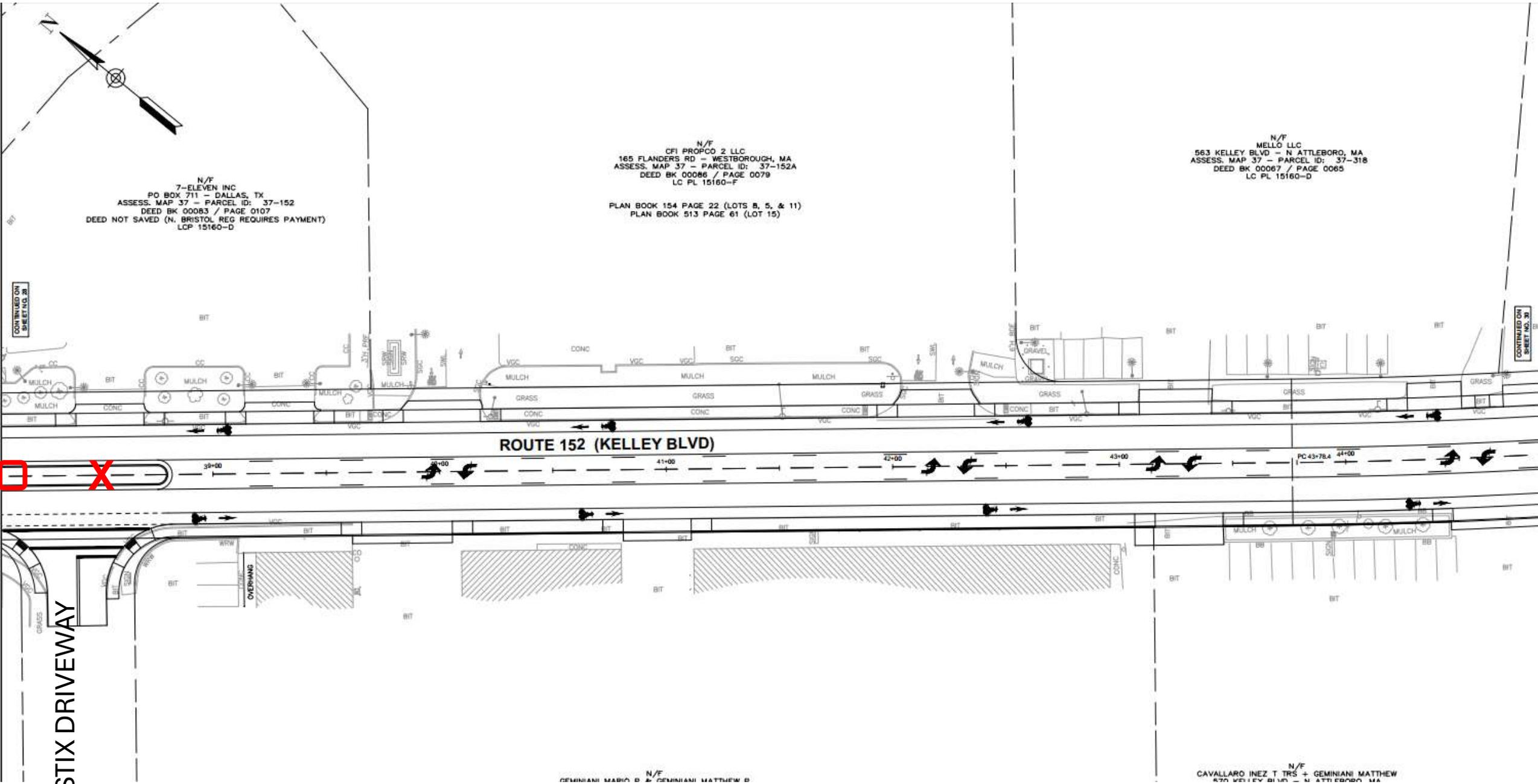
STIX DRIVEWAY

N/F  
GEMINIANI MARIO D & GEMINIANI MATTHEW D

N/F  
CAVALLARO INEZ T TRS + GEMINIANI MATTHEW  
670 KELLEY BLVD - N ATTLEBORO, MA

CONTINUED ON  
SHEET NO. 28

CONTINUED ON  
SHEET NO. 29



N/F  
ANDRES TIMOTHY  
537 KELLEY BLVD - N ATTLEBORO, MA  
ASSESS. MAP 37 - PARCEL ID: 37-169  
DEED BK 00073 / PAGE 0091  
LC PL 9746-D

N/F  
LINE NO 6 INC  
1095 HWY A1A UNIT 2202 - SATELLITE BEACH, FL  
ASSESS. MAP 37 - PARCEL ID: 37-200  
DEED BK 11992 / PAGE 0154  
PLAN BOOK 197 PAGE 3 (PARCEL B)

N/F  
HEATHER MARIE LLC  
PO BOX 1633 - EAST DENNIS, MA  
ASSESS. MAP 37 - PARCEL ID: 37-43  
DEED BK 25481 / PAGE 0056  
PLAN BOOK 197 PAGE 3 (PARCEL A)

ROUTE 152 (KELLEY BLVD)

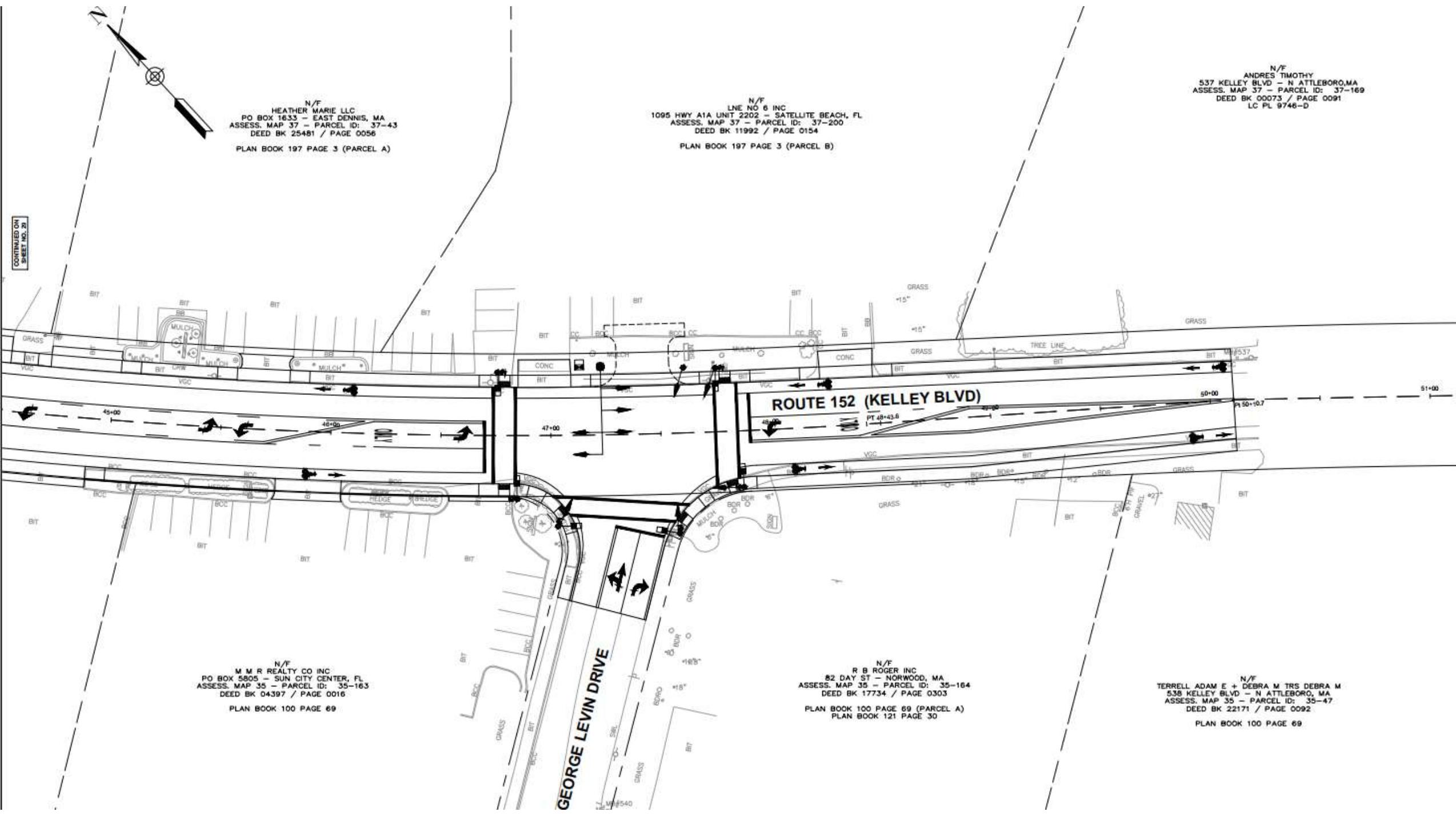
GEORGE LEVIN DRIVE

N/F  
TERRELL ADAM E + DEBRA M TRS DEBRA M  
538 KELLEY BLVD - N ATTLEBORO, MA  
ASSESS. MAP 35 - PARCEL ID: 35-47  
DEED BK 22171 / PAGE 0092  
PLAN BOOK 100 PAGE 69

N/F  
R B ROGER INC  
82 DAY ST - NORWOOD, MA  
ASSESS. MAP 35 - PARCEL ID: 35-164  
DEED BK 17734 / PAGE 0303  
PLAN BOOK 100 PAGE 69 (PARCEL A)  
PLAN BOOK 121 PAGE 30

N/F  
M M R REALTY CO INC  
PO BOX 5805 - SUN CITY CENTER, FL  
ASSESS. MAP 35 - PARCEL ID: 35-163  
DEED BK 04397 / PAGE 0016  
PLAN BOOK 100 PAGE 69

CONTINUED ON  
SHEET NO. 21



### AM Peak Hour

Intersection	Existing (2023)				No-Build (2043)				Build (2043)			
	LOS	Delay	v/c	95th % Queue	LOS	Delay	v/c	95th % Queue	LOS	Delay	v/c	95th % Queue
<b>Route 152 and Route 106</b>												
Route 152 NBL	D	38.4	0.59	94	F	84.9	0.91	#158	B	17.3	0.34	95
Route 152 NBT	F	124.2	1.13	#615	F	199.1	1.31	#756	C	31.2	0.74	#335
Route 152 SBL	D	51.9	0.73	#111	E	65.7	0.81	#135	C	22.9	0.52	#98
Route 152 SBT	D	54.9	0.81	#419	E	67.9	0.92	#507	C	27.5	0.48	173
Route 106 EBL	F	110.4	0.97	#135	F	141.3	1.07	#160	C	26.4	0.43	103
Route 106 EBT	F	171.2	1.23	#523	F	233.5	1.38	#611	D	38.2	0.75	#222
Route 106 WBL	F	143.4	1.15	#171	F	196.0	1.29	#210	C	23.6	0.59	#168
Route 106 WBT	F	108.3	1.07	318	F	152.3	1.20	#386	C	28.0	0.40	122
<b>Overall</b>	<b>F</b>	<b>108.1</b>	<b>0.9</b>		<b>F</b>	<b>153.0</b>	<b>1.03</b>		<b>C</b>	<b>29.5</b>	<b>0.66</b>	
<b>Route 152 and Plain St</b>												
Plain St WBL	D	26.1	0.108	10.0	D	34.7	0.166	15.0	D	27.7	0.126	10
Plain St WBR	D	25.8	0.575	87.5	E	44.4	0.766	150.0	D	30.9	0.644	107.5
Route 152 SBL	B	10.6	0.2	17.5	B	11.8	0.251	25.0	B	11.1	0.229	22.5
<b>Route 152 and George Leven Dr</b>												
George Leven Dr EBL	C	18.7	0.107	10.0	D	26.4	0.35	37.5	D	47.3	0.64	106
George Leven Dr EBR	B	12.2	0.044	2.5	B	13.5	0.116	10.0	D	35.9	0.04	37
Route 152 NBL	A	8.7	0.033	2.5	A	9	0.05	5.0	A	5.1	0.10	27
Route 152 NBT									A	7.1	0.56	440
Route 152 SBT									B	11.2	0.54	424
<b>Overall</b>									<b>B</b>	<b>12.1</b>	<b>0.59</b>	

#### Existing legend

	LOS went from LOS E or better to LOS F.
	LOS went from LOS D or better to LOS E.

#### No-Build legend

	LOS worsens to F.
	LOS worsens to E.

#### Build legend

	LOS worsens to F in Build.
	LOS worsens to E in Build.
	LOS improves to LOS E.
	LOS improves to LOS D.
	LOS improves to LOS C or better.

#### Notes:

1. Existing timings at Route 152 and Route 106 are based on assumptions and field observations.
2. No-Build Model includes background growth and project generated trips with Existing geometry and timings.
3. Build model includes all proposed geometry from the "Conceptual Roadway Improvements Plan" prepared by MDM May, 2022.
4. Build signal timings are based on Synchro's optimized timings.

**PM Peak Hour**

Intersection	Existing (2023)				No-Build (2043)				Build (2043)			
	LOS	Delay	v/c	95th % Queue	LOS	Delay	v/c	95th % Queue	LOS	Delay	v/c	95th % Queue
<b>Route 152 and Route 106</b>												
Route 152 NBL	C	34.6	0.78	#173	D	44.9	0.85	#212	C	29.6	0.74	#173
Route 152 NBT	C	30.0	0.65	328	C	32.2	0.71	378	D	35.7	0.76	#239
Route 152 SBL	C	22.0	0.40	72	C	23.0	0.49	77	B	19.8	0.42	79
Route 152 SBT	F	104.8	1.11	#686	F	162.4	1.26	#808	D	40.0	0.84	#304
Route 106 EBL	C	28.6	0.57	104	C	31.2	0.64	#125	C	24.4	0.52	97
Route 106 EBT	F	115.7	1.11	#514	F	182.7	1.28	#615	C	34.8	0.66	154
Route 106 WBL	F	93.8	1.03	#289	F	135.2	1.16	#338	C	29.8	0.79	#225
Route 106 WBT	F	188.7	1.30	#635	F	241.1	1.42	#708	C	33.3	0.72	204
<b>Overall</b>	<b>F</b>	<b>92.9</b>	<b>1.15</b>		<b>F</b>	<b>130.6</b>	<b>1.28</b>		<b>C</b>	<b>34.0</b>	<b>0.87</b>	
<b>Route 152 and Plain St</b>												
Plain St WBL	E	41.2	0.281	28	F	140.8	0.652	67.5	F	51.1	0.337	33
Plain St WBR	C	22.7	0.573	87.5	D	29.1	0.638	107.5	D	29.1	0.638	107.5
Route 152 SBL	B	10.1	0.229	22.5	B	11.3	0.303	32.5	B	11.3	0.303	32.5
<b>Route 152 and George Leven Dr</b>												
George Leven Dr EBL	C	23.7	0.182	15.0	D	33.6	0.351	37.5	D	37.1	0.37	82
George Leven Dr EBR	C	20.5	0.288	30.0	D	26.3	0.375	42.5	C	34.8	0.06	47
Route 152 NBL	B	10.2	0.045	2.5	B	11.3	0.095	7.5	B	11.9	0.38	71
Route 152 NBT									A	7.3	0.54	442
Route 152 SBT									B	15.7	0.85	#1049
<b>Overall</b>									<b>B</b>	<b>14.3</b>	<b>0.75</b>	

Existing legend

	LOS F.
	LOS E.

No-Build legend

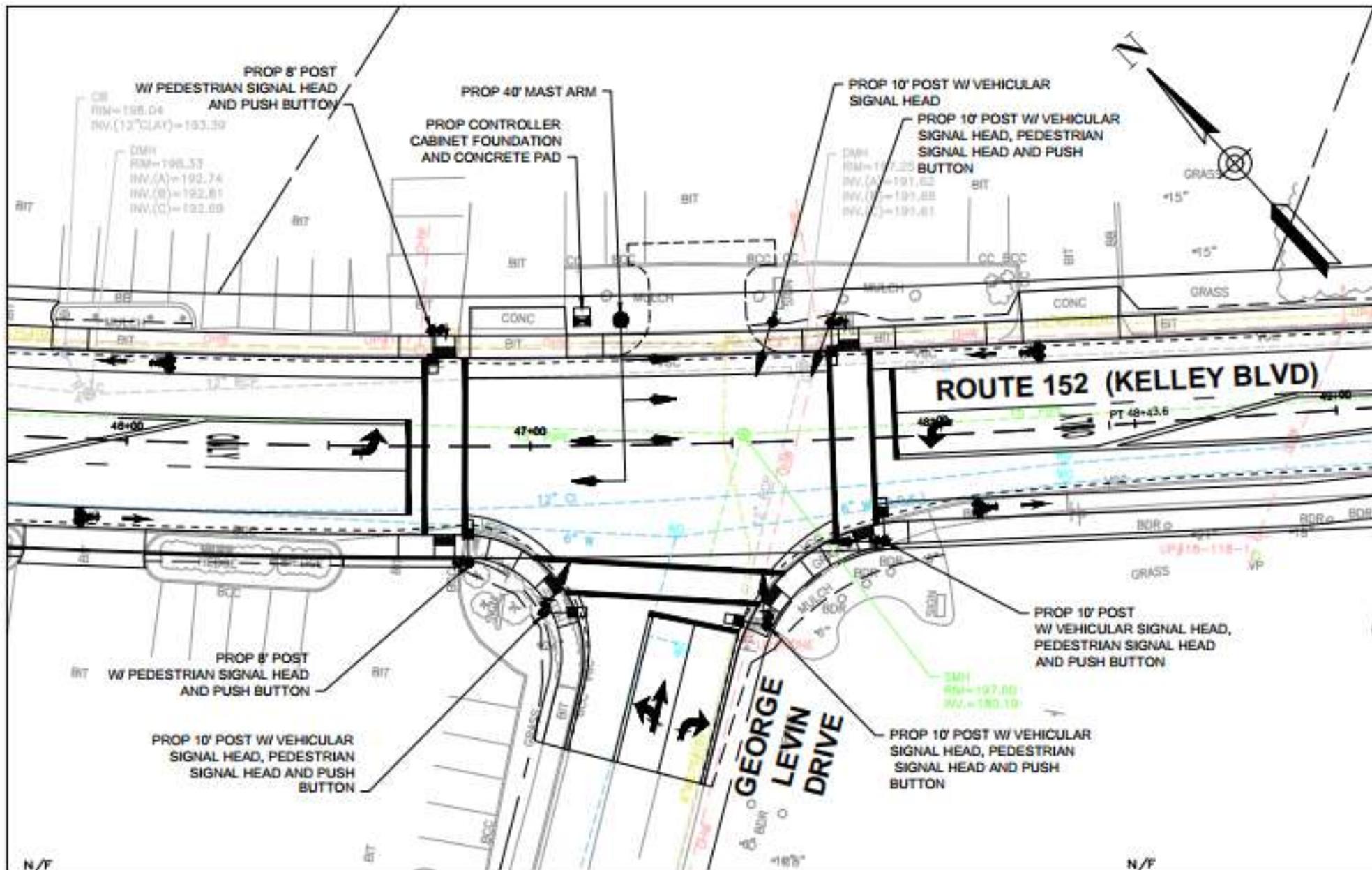
	LOS worsens to F.
	LOS worsens to E.

Build legend

	LOS worsens to F in Build.
	LOS worsens to E in Build.
	LOS improves to LOS E.
	LOS improves to LOS D.
	LOS improves to LOS C or better.

Notes:

1. Existing timings at Route 152 and Route 106 are based on assumptions and field observations.
2. No-Build Model includes background growth and project generated trips with Existing geometry and timings.
3. Build model includes all proposed geometry from the "Conceptual Roadway Improvements Plan" prepared by MDM May, 2022.
4. Build signal timings are based on Synchro's optimized timings.



**ROUTE 152 (KELLEY BOULEVARD) & GEORGE LEVIN DRIVE INTERSECTION**



# QUESTIONS AND COMMENTS