Appendix C. Existing Conditions Operations Schedules

| | 80810 | JN IRAI | NSPORTA OI | PERA | | | | | | | KAFF | ic sic | JNALS | | |
|------------------------|--------------------------|-----------------|--------------------------------------|------------|------|----------|------------------|------------|------|----------|-------|--------|--------|-------------|-------|
| LOCA | TION: <u>Pear</u> | l Street a | | | | | ••• | | | _ | | | DATE: | | |
| INTER | RSECTION | No.: <u>410</u> | <u> 2</u> | | | | | | D. | ATE F | RST I | N SEI | RVICE: | | |
| SECT | ION No.: <u>13</u> | 3 | · E ' | XISTI | NIC | | MI | NTI. | ΩN!• | 9 | | | | | |
| | CLEAR | ANCE T | | <u> </u> | | | אוע | | OIN | <u> </u> | | | | | |
| R DW G | G R G Y - R | T(| | DW FDW DW | | →1′ | † † | f | | - IT | | | | | FLASH |
| STI | REET | DIR | FACE | <u> </u> | | Ø1 | r | | Ø2* | | | | | | - |
| ATLANT | IC AVE. | NB | _ | | G | Υ | R | R | R | R | | | | | FY |
| CROSS | WALK | - | - | | DW | DW | DW | W | FDW | DW | | | | | OFF |
| | | | | | | | | - | | | | | | | |
| | | | TANK. | | | | | | | | | | | | |
| | | | | TIMING | G IN | SEC | OND | 9 | | | | | | | |
| MINIMUI | M GREEN | | | I IIVIII A | 25 | | | | | | | | | | - |
| EXTENS | | SV, 8-0.4 | | | 2 | <u> </u> | | _ | | | | | | | - |
| | JM #1/#2 GF | REEN | | | -/- | | | _ | | | , | | | | - |
| YELLOV | V CLEARAN | ICE | ,, | | | 3 | | | | | | | | | |
| RED CLI | EARANCE | | | | | | 1 | | | 4 | | | | | 1 |
| WALK IN | ITERVAL | **** | | | | | | 8 | | | | | | | |
| PEDEST | RIAN CLEA | 7 3 7 | | | | | 4 | | | | | | 1 | | |
| | | | | | | | | | | | | | | | |
| MEMOR | Υ | | | | | - | | | - | | | | | |] |
| RECALL | | | | MAX | | | OFF | 1 | | | | |] | | |
| *Ø2 PED I MAX. #2 [| RECALL FRO DURING COC | PRDINATE | 8PM. OTHEI ED OPERATI ORDINATI | ION | | | | | | | NDS) | | | | |
| CYCLE | CYCLE L | Ø1 | | Ø2 | | | - ` | | | URS | OF OP | ERAT | ION | | |
| 1 | 80 | 64 | | 16 | | | | | | | - | | | | |
| 2 | 100 | 0 | 15 | 84 | | 16 | | | | | | | _ | | |
| 3 | 10 | <u> </u> | 71 | 9.4 | | 16 | | | | | | | | ****** | • |

FLASH OPERATION

LOCATION: Pearl Street and Purchase Street DATE:

INTERSECTION No.: 602

DATE FIRST IN SERVICE:

SECTION No.: 13

EXISTING CONDITIONS

| | CL | EAR | ANCE | TABLE | | | | 411 | | | <u></u> | | | 111 | | | | |
|---------|-----------------------|-----------------------|------|-------|------|-----------|-----|------------|-----|---|---------|----------|-----------|-----|--|--|---|-------|
| PROM G | G G - - - | R Y R - - | | TO | - W | DW FDW DW | | ↓↓↓ | INY | | · | , | _ | | - - - - - | | | FLASH |
| STF | REET | | DIR | | FACE | | | Ø1 | | | Ø2* | · | | Ø5 | | | | |
| PEARL S | ST. | | WB | | - | | R | R | R | R | R | R | G | Υ | R | | | FR |
| PURCHA | ASE S | Γ. | SB | | - | | G | Υ | R | R | R | R | R | R | R | | | FY |
| | | | | | | | | | | | | | | | | | | |
| CROSSV | VALK | | - | | - | | FDW | DW | DW | W | | | | | DW | | | OFF |
| CROSSV | VALK | | - | | - | | DW | DW | DW | W | FDW | DW | W/ FDW | DW | DW | | | OFF |
| CROSSV | VALK | | - | | - | | DW | DW | DW | W | FDW | DW | DW | DW | DW | | | OFF |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | SEC | OND | S | | | | r | • | | , | |
| MINIMUN | MINIMUM GREEN | | | | | | | | | • | | | 8 | | | | | |
| EXTENS | EXTENSION | | | | | | 2 | | | - | | | 2 | | | | | |
| MAXIMU | MAXIMUM #1/#2 GREEN | | | | | | -/- | | | - | | | -/- | | | | | |
| YELLOW | YELLOW CLEARANCE | | | | | | | 3 | | | | | | 3 | | | | |
| RED CLE | RED CLEARANCE | | | | | | | | 1 | | | 4 | | | 1 | | | |
| WALK IN | WALK INTERVAL | | | | | | 8 | | | 8 | | | 8 | | | | | |
| PEDEST | PEDESTRIAN CLEARANCE | | | | | | 10 | | | | 17 | | 10 | | | | | : |
| | | | | | | | | | | | | | | | | | | |
| MEMOR' | IEMORY | | | | | | | - | | | - | | | - | | | | |
| RECALL | | | | | | | | MAX | | | OFF | | | OFF | | | | |

*Ø2 PED RECALL FROM 7AM - 8PM. OTHERWISE, PUSH-BUTTON ACTUATED. MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø5 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|--------------------|
| 1 | 90 | 22 | 27 | 29 | 34 | - |
| 2 | 100 | 36 | 38 | 29 | 33 | - |
| 3 | 100 | 14 | 36 | 29 | 35 | - |
| FLAS | SH OPERATION | - | - | - | - | - |

LOCATION: Seaport Boulevard and Atlantic Avenue

| DATE: | | | | | | | |
|-------|---------------|----|---|---|---|--|--|
| DAIF. | $\overline{}$ | | _ | | | | |
| | . 1 | /\ | | _ | ٠ | | |
| | | _ | | | _ | | |

INTERSECTION No.: 1216

DATE FIRST IN SERVICE:

SECTION No.: 13

EXISTING CONDITIONS

| | CLEAR | ANCE | TABLE | | | | | | | | | | | | | | | _ |
|------------|-------------------------|-------|-----------|-----------------------|-----------|------------|-------------|------|-----------|-----|---------|-----------|-----|-----|---------|-----------------|-----|--------------------|
| M DW DW DW | G R G Y - R | - | TO | - - - - W | DW FDW DW | <u>-</u> 스 | <i>7</i> /1 | 78.7 | 그 [| | 10 de 1 | <u>}</u> | | + F | <u></u> | [<i>VP</i> | - F | FLASH OPERATION |
| STRE | ET | DIR | | FACE | | | Ø1 | | | Ø2* | | | Ø5 | | | Ø6 | | |
| OLIVER S | TREET | EB | | - | | R | R | R | R | R | R | O | Υ | R | G | Υ | R | FR |
| OLIVER ST | TREET | EB | | - | | R | R | R | R | R | R | GL | YL | R | G | Υ | R | FR |
| SEAPORT | BLVD | WB | | - | | R | R | R | R | R | R | R | R | R | G | Υ | R | FR |
| ATLANTIC | AVE | NB | | _ | | G | Υ | R | R | R | R | R | R | R | R | R | R | FY |
| | ROSSWALK | | | | | | | | | | | | | | | | | |
| CROSSWA | ALK | | W/ FDW | DW | DW | W | FDW | | | | | | | | OFF | | | |
| CROSSWA | ALK | | DW | DW | DW | W | FDW | DW | W/ FDW | DW | DW | W/ FDW | DW | DW | OFF | | | |
| CROSSWA | ROSSWALK TIN | | | | | | | DW | W | FDW | DW | DW | DW | DW | DW | DW | DW | OFF |
| | | TIMIN | G IN | SEC | OND | S | | | • | | | | | | | | | |
| MINIMUM | GREEN | | 10 | | | 1 | | | 4 | | | 8 | | | | | | |
| EXTENSIO | MINIMUM GREEN EXTENSION | | | | | | | | ı | | | 2 | | | 2 | | | |
| MAXIMUM | #1/#2 G | REEN | | | | -/- | | | - | | | -/- | | | -/- | | | |
| YELLOW C | YELLOW CLEARANCE | | | | | | | | | | | | 3 | | | 3 | | |
| RED CLEA | RED CLEARANCE | | | | | | | 1 | | | 1 | | | 1 | | | 1 | |
| WALK INTE | WALK INTERVAL | | | | | | | | 8 | | | 8 | | | 8 | | | |
| PEDESTRI | PEDESTRIAN CLEARANCE | | | | | | | | | 10 | | 5 | | | 5 | | | |
| | | | | | | | | | | | | | | | | | | |
| MEMORY | MEMORY | | | | | | | | | - | | | _ | | | - | | |
| RECALL | | | | | | | | | | OFF | | | OFF | | | OFF | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| | | 1 | | | \ | | · |
|-------|--------------|--------|----|----|----|----|--------------------|
| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø5 | Ø5 | HOURS OF OPERATION |
| 1 | 90 | 23 | 28 | 21 | 17 | 24 | - |
| 2 | 100 | 33 | 31 | 21 | 24 | 24 | - |
| 3 | 100 | 0 | 37 | 21 | 8 | 34 | - |
| FLAS | SH OPERATION | - | - | - | - | - | - |

LOCATION: Oliver Street and Purchase Street

DATE: _____

INTERSECTION No.: 558 DATE FIRST IN SERVICE:

SECTION No.: 13

EXISTING CONDITIONS

| | | CL | EAR | ANCE | TABLE | | | | 11Ī ~ | 1 (. | | 111 ′ | 1 (. | _ | III ^ | 1 L. | - | | <u>'</u> (. | 7 |
|------|-----------------------------|-----------------------|-----------|---------|-------|-------|-----------|-----------|------------------|------|---|-------|----------|-----|-------|----------|-------------|----------------|-------------|--------------------|
| FROM | G R - - W DW | G G - - - | R Y R | | TO | W | DW FDW DW | | | , I | * | | , IT | | | ₹ | | | 7 | FLASH OPERATION |
| | STF | REET | | DIR | | FACE | | | Ø1 | | | Ø2* | | | Ø5 | | | Ø6 | | |
| OL | IVER | STRE | ET | WB | | _ | _ | R | R | R | R | R | R | G | Y | R | R | R | R | FR |
| PU | RCHA | ASE S | Т | SB | | - | | R | R | R | R | R | R | R | R | R | G | Υ | R | FR |
| RA | MP C | S-P | | SB | | - | | G | Υ | R | R | R | R | R | R | R | R | R | R | FY |
| RA | MP C | S-P | | SB | | | | GR | YR | R | R | R | R | R | R | R | GR | YR | R | FY |
| | | | | | | | | | | | | | | | | | | | | |
| CR | CROSSWALK | | | | | | | W/ FDW | DW | DW | W | FDW | DW | DW | DW | DW | DW | DW | DW | OFF |
| CR | ROSSWALK | | | | | | | DW | DW | DW | W | FDW | DW | DW | DW | DW | DW | DW | DW | OFF |
| CR | ROSSWALK TIN | | | | | | | DW | DW | DW | W | FDW | DW | DW | DW | DW | DW | DW | DW | OFF |
| | | | | | | TIMIN | G IN | SEC | OND | S | | | | | | | | | | |
| MIN | TIN MINIMUM GREEN | | | | | | | | | | _ | | | 8 | | | 8 | | | |
| EX. | EXTENSION | | | | | | | 2 | | | - | | | 2 | | | 2 | | | |
| MA | XIMU | M #1/ | #2 GF | REEN | | | | -/- | | | _ | | | -/- | | | - /- | | | |
| YE | YELLOW CLEARANCE | | | | | | | | 3 | | | | | | 3 | | | 3 | | |
| RE | RED CLEARANCE | | | | | | | v | | 1 | | | 1 | | | 1 | | | 1 | |
| WA | WALK INTERVAL | | | | | | | 8 | | | 8 | | | | | | | | | |
| PEI | PEDESTRIAN CLEARANCE | | | | | | | 6 | | | | 7 | | | | | | | | |
| | AFMORY | | | | | | | | | | | | | | | | | | | |
| - | IEMORY | | | | | | | | - | | | - | | | - | | | - | | |
| | CALL | DUTT | ON 4 | TI 14 T | | , | | | MAX | | | OFF | | | OFF | | | OFF | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø5 | Ø6 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|----|--------------------|
| 1 | 90 | 77 | 24 | 16 | 17 | 33 | - |
| 2 | 100 | 74 | 41 | 16 | 17 | 26 | - |
| 3 | 100 | 61 | 20 | 16 | 17 | 47 | - |
| FLAS | SH OPERATION | - | | - | | - | - |

LOCATION: High Street and Atlantic Avenue DATE: _____

INTERSECTION No.: 1486

DATE FIRST IN SERVICE:

SECTION No.: 13

EXISTING CONDITIONS

| | | CL | EAR | ANCE | TABLE | | | | | | | | | | | | | |
|------|------------------------|------------------|-------------|-------------|-------|-------|-----------|-----------|------------|-----|-----------|-----------|----------------|----------|-------|---------------|--|--------------------|
| | | G | R | <u> </u> | TO - | l w | DW | ١, | | | , | - | + | | | | | 힏 |
| FROM | G R - | G - - - | Y R - | - - - | - | - | - | 3 | † ' | | <i>3</i> | | - - | <i>,</i> | T | - | | FLASH OPERATION |
| | W DW | - | - | - | - | W | FDW DW | | 1 | ļ | | ı | | | 1 | l | | |
| | STF | REET | | DIR | | FACE | | | Ø1 | | | Ø2* | | | Ø5 | | | |
| HIC | SH ST | REET | ' | EB | | - | | R | R | R | R | R | R | GL | YL | R | | FR |
| АТ | LANT | IC AVE | = | NB | | _ | | G | Υ | R | R | R | R | R | R | R | | FY |
| | | | | | | | | | | | | | | | | | | |
| CR | ROSSV | VALK | | - | | - | | W/ FDW | DW | DW | W | FDW | DW | | | DW | | OFF |
| CR | ROSSV | VALK | | | DW | DW | DW | W | FDW | DW | W/ FDW | DW | DW | | OFF | | | |
| CR | ROSSV | VALK | | - | | DW | DW | DW | W | FDW | DW | DW | DW | DW | | OFF | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | TIMIN | G IN | SEC | OND | S | | Y******** | ··· | | | | | |
| MII | NIMU | M GRE | EN | | | | 8 | | | | | | 8 | | | | | |
| EX | INIMUM GREEN EXTENSION | | | | | | | | | | - | | | 2 | | | | |
| MA | MAXIMUM #1/#2 GREEN | | | | | | | | | | - | | | -/- | | | | |
| YE | YELLOW CLEARANCE | | | | | | | | 3 | | | | | | 3 | | | |
| RE | RED CLEARANCE | | | | | | | | | 1 | | | 1 | | | 1 | | |
| WA | VALK INTERVAL | | | | | | | | | | 7 | | | 7 | | | | |
| PE | EDESTRIAN CLEARANCE | | | | | | | | | | | 8 | | 8 | | | | |
| | | • | | | | | | | | | | | | | | | | |
| ⊢— | EMORY | | | | | | | | - | | | - | | | - | | | |
| RE | CALL | | | | | | | | MAX | | | OFF | | | OFF | | | |

*Ø2 PED RECALL FROM 7AM - 10PM. OTHERWISE, PUSH-BUTTON ACTUATED MAX. #2 DURING COORDINATED OPERATION

| | | <u> </u> | - · · · · · · · | | | |
|-------|--------------|----------|-----------------|----|----|--------------------|
| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø5 | HOURS OF OPERATION |
| 1 | 90 | 50 | 49 | 16 | 25 | - |
| 2 | 90 | 50 | 49 | 16 | 25 | - |
| 3 | 100 | 0 | 59 | 16 | 25 | - |
| FLAS | SH OPERATION | - | - | - | - | - |

LOCATION: High Street and Purchase Street DATE:

INTERSECTION No.: 7004

DATE FIRST IN SERVICE:

SECTION No.: 13

EXISTING CONDITIONS

| CL | EAR | ANCE | TABLE | • | | | l k = | | | | | | 11 | | } | | | |
|---------------------------|---|---|---|-------------|---------------------|-----------|-------|-----------|-----|---------|----------|-----|--------|------|-----|----|----|--------------------|
| G G | R | - | TO | W - | DW - | | , | | f | ITL | - | | TL | • | | | | FLASH OPERATION |
| - | - | - - - | - | - - W | - - FDW DW | ₹ ; | | • | ₹ { | | ا فد | 7 | | | | | | PEF |
| EET | | DIR | | FACE | | | Ø1 | | | Ø2* | | | Ø5 | | | | | |
| REET | | ЕВ | | - | | R | R | R | R | R | R | G | Υ | R | | | | FR |
| SE S | Γ | SB | | - | | G | Υ | R | R | R | R | R | R | R | | | | FY |
| | | | | | | | | | | | | | | | i | | | |
| VALK | | - | | - | V-11 | W/ FDW | DW | DW | W | FDW | | | | | | | | OFF |
| VALK | | DW | DW | DW | W | FDW | DW | W/ FDW | DW | DW | | | | OFF | | | | |
| VALK | | | DW | DW | DW | W | FDW | DW | DW | DW | DW | | | | OFF | | | |
| | | | | | •• | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | TIMIN | G IN | SEC | OND | <u>s</u> | | | | | | ···· | | | | |
| GRE | EN | | | | 8 | | | - | | | 8 | | | | | | | |
| IINIMUM GREEN XTENSION | | | | | | | | | - | | | 2 | | | | | | |
| MAXIMUM #1/#2 GREEN | | | | | | | | | - | | | -/- | | | | | | |
| ELLOW CLEARANCE | | | | | | | | | | | | | 3 | | | | | |
| ED CLEARANCE | | | | | | | | 1 | | | 1 | | | 1 | | | | |
| VALK INTERVAL | | | | | | | | | 8 | | | 8 | | | | | | |
| EDESTRIAN CLEARANCE | | | | | | | | | | 11 | | 8 | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| EMORY | | | | | | | | | | - | | | - | | | | | |
| | FDC | | 4651- | OT: := | D) 4 5 0 = | | | | | | | | OFF | | | | | |
| | G G G EET REET SE ST /ALK /ALK /ALK /ALK /ALK /ALK /ALK | G R G Y R R R R R R R R R R R R R R R R R R R | G R - G - R - G - R - G - R - G - G - R - G - G | TO G | G | TO | TO | TO | TO | TO | TO | TO | TO | TO | TO | TO | TO | |

*Ø2 PED RECALL FROM 7AM - 10PM. OTHERWISE, PUSH-BUTTON ACTUATED MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø5 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|--------------------|
| 1 | 90 | 79 | 45 | 20 | 25 | - |
| 2 | 90 | 40 | 45 | 20 | 25 | - |
| 3 | 100 | 92 | 50 | 20 | 30 | - |
| FLAS | SH OPERATION | - | _ | - | - | - |

LOCATION: Broad Street and Surface Road

INTERSECTION No.: 4104

DATE: ______

SECTION No.: 13

EXISTING CONDITIONS

| | CL | EAR | ANCE | TABLE | | | İ . | 411 | | ĺ. | 1 1 1 | | | | | | | |
|--|---------------------------|------------------|------|--------------|-----------|-----------|------|----------|-----|----|--------------|----|-----------|---------|----|-------|------|--------------------|
| FROM PM PW | G G - - - | R Y R - | | TO | W | DW FDW DW | 1 | 1 | | 7 | 111 | | 7 | 111 | • | | | FLASH OPERATION |
| STR | EET | | DIR | | FACE | | | Ø1 | | | Ø2* | | | Ø5 | | | | |
| BROAD S | STREE | ΞT | EB | | - | | R | R | R | R | R | R | G | Υ | R | | | FR |
| SURFACI | E ROA | 4D | SB | | - | | G | Υ | R | R | R | R | R | R | R | | | FY |
| | 194-4 | | | | | | | | | | | | | | | · | | |
| CROSSW | VALK | | - | | - | | FDW | DW | DW | W | FDW | DW | | | | | | OFF |
| CROSSW | | | - | | - | | DW | DW | DW | W | FDW | DW | W/ FDW | DW | DW | | | OFF |
| CROSSW | VALK | | - | | - | | DW | DW | DW | W | FDW | DW | DW | DW | DW | | | OFF |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | 7710 | | TIMIN | G IN | SEC | OND | S | , | | | | | | | |
| MINIMUM | 1 GRE | EN | | | | | 8 | | | - | | | 8 | | | | | |
| EXTENSI | ON | | | | | ····· | 2 | | | - | | | 2 | | | | | |
| MAXIMUN | VI #1/# | 2 GF | REEN | . | , <u></u> | | -/- | | | _ | | | -/- | | | | | |
| YELLOW | CLEA | RAN | CE | | | | | 3 | | | | | | 3 | | | | |
| RED CLE | ARAN | ICE | | | | | | | 1 | | | 1 | | | 1 | | | |
| WALK INT | TERV | ٩L | | | | | 8 | | | 8 | | | 8 | | | | | |
| PEDESTR | EDESTRIAN CLEARANCE | | | | 11 | | | | 13 | | 1 | | | | | | | |
| MEMORY | EMORY | | | | | | | | | | | | | | | | | |
| | ECALL | | | | | | | - MAX | | | OFF | | | OFF | | | | |
| | CALL BUTTON ACTUATED ONLY | | | | | | | VI/A/A | | | UFF | | | | | | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø5 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|--------------------|
| 1 | 90 | 71 | 53 | 22 | 15 | - |
| 2 | 90 | 48 | 53 | 22 | 25 | - |
| 3 | 100 | 63 | 63 | 22 | 15 | - |
| FLAS | SH OPERATION | - | - | - | - | - |

LOCATION: East India Row and Atlantic Avenue DATE: ______
INTERSECTION No.: 2007 DATE FIRST IN SERVICE: ______

SECTION No.: 13

EXISTING CONDITIONS

| С | LEAR | ANCE | TABLE | | | | | _ | | | | | | | |
|--------------|---|------|---------|-----------------------|-----------|-----------|-------------|----------|-----------|----|---------------|--|--|--|--------------------|
| G G G R | R Y R - | | TO | - - - - W | DW FDW DW | • | -1 † | → | | 7 | → - 11- | | | | FLASH OPERATION |
| STREET | | DIR | - | FACE | | | Ø1 | , | | Ø5 | | | | | |
| EAST INDIA F | | WB | - " | - | | R | R | R | G | Υ | R | | | | FR |
| ATLANTIC AV | <u>/E</u> | NB | | - | | G | Υ | R | R | R | R | | | | FY |
| CROSSWALK | <u>, </u> | - | <i></i> | | | W/ FDW | DW | DW | DW | DW | DW | | | | OFF |
| CROSSWALK | | - | | - | | DW | DW | DW | W/ FDW | DW | DW | | | | OFF |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | .,,,,, | | | | | | | | |
| | | | | | TIMIN | G IN | SEC | OND | S | | | | | | |
| MINIMUM GR | EEN | | 7.00 | | | 8 | | | 8 | | | | | | |
| EXTENSION | | | | 84 | | 2 | | | 2 | | | | | | |
| MAXIMUM #1 | #2 GF | REEN | | | - | -/- | | | - | | | | | | |
| YELLOW CLE | ARAN | ICE | | | | | 3 | | | 3 | | | | | |
| RED CLEARA | NCE | | | | | | | 1 | | | 1 | | | | |
| WALK INTER | /AL | | | | | 8 | | | 8 | | | | | | |
| PEDESTRIAN | EDESTRIAN CLEARANCE | | | | 9 | | | 8 | | | | | | | |
| | | | | | | | | | | | | | | | |
| MEMORY | | | | | - | | | - | | | | | | | |
| RECALL | ECALL TO PULTED AND A CTUATED ONLY | | | | | MAX | | | OFF | | | | | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø5 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|--------------------|
| 1 | 90 | 65 | 55 | 35 | - |
| 2 | 90 | 67 | 55 | 35 | - |
| 3 | 100 | 95 | 70 | 30 | - |
| FLAS | SH OPERATION | - | - | - | - |

LOCATION: India Street and Surface Artery SB DATE:

INTERSECTION No.: 2259 DATE FIRST IN SERVICE:

SECTION No.: 13

EXISTING CONDITIONS

| | CL | EAR. | ANCE | TABLE | | | | 411 | | Ι. | 111 | | | | | | |
|--|-----------------------|------------------|------|-------|-----------------------|-----------|-----------|-------------|-----|----|------|-----|-----------|----|----|------|--------------------|
| PROM G G G G G G G G G G G G G G G G G | G G - - - | R Y R - | | TO | - - - - W | DW FDW DW | | ↓ ↓↓ | 155 | , | | | | | 8 | | FLASH OPERATION |
| STF | REET | | DIR | | FACE | | | Ø1 | | | Ø2* | | | Ø5 | | | |
| INDIA ST | FREET | - | WB | | - | | R | R | R | R | R | R | G | Υ | R | | FR |
| SASB | | | SB | | - | | G | Υ | R | R | R | R | R | R | R | | FY |
| | | | | | <u></u> | | | | | | | | | | | | |
| CROSSV | VALK | | - | | - | | W/ FDW | DW | DW | W | FDW | | | | DW | | OFF |
| CROSSV | VALK | | - | • | - | | DW | DW | DW | W | FDW | DW | W/ FDW | DW | DW | | OFF |
| CROSSV | VALK | | - | | - | | DW | DW | DW | W | FDW | DW | DW | DW | DW | | OFF |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | 7 | ΓΙΜΙΝ | G IN | SEC | OND | S | | | | | | | |
| MINIMUN | M GRE | EN | | | _ | | 8 | | | - | | | 8 . | | | | |
| EXTENS | ION | | | | | | 2 | | | - | | | 2 | | | | |
| MAXIMU | M #1/# | #2 GF | REEN | | | | -/- | | | - | | | -/- | | | | İ |
| YELLOW | / CLEA | ARAN | ICE | | | | | 3 | | | | | | 3 | | | |
| RED CLE | EARAN | NCE | | | | | | | 1 | | | 1 | | | 1 | | |
| WALK IN | VALK INTERVAL | | | 8 | | | 8 | | | 8 | | | | | | | |
| PEDEST | EDESTRIAN CLEARANCE | | | | 6 | | | | 8 | | 6 | | | | | | |
| | | | | | | | | | | | | | | | | | |
| MEMOR' | EMORY | | | | | - | | | - | | | - | | | | | |
| RECALL | | | | | | MAX | | | OFF | | | OFF | | | | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø5 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|--------------------|
| CTOLL | CICLE LENGTH | OFFSET | וש | WZ | ws | HOURS OF OPERATION |
| 1 | 90 | 71 | 43 | 17 | 30 | - |
| 2 | 90 | 40 | 33 | 17 | 40 | - |
| 3 | 100 | 75 | 43 | 17 | 40 | - |
| FLAS | SH OPERATION | - | _ | ~ | - | - |

LOCATION: Milk Street and Atlantic Avenue DATE: ____

INTERSECTION No.: 2006 DATE FIRST IN SERVICE:

SECTION No.: 13

EXISTING CONDITIONS

| | CLE | EARA | ANCE | TABLE | • | | | | | | | | | | | | | | |
|---------|---------------------|-----------------------|------|-------|------|-----------|-----------------------|----------|--------|----------|-------|----|-----------|-------|----|------------------|-------|--------------|--------------------|
| W G R | G G - - | R Y R - - | - | TO | W | DW FDW DW | <u></u> <u>子</u> , | † | } } | <u>3</u> | T | + | <i>3</i> | T | - | <u></u> <u> </u> | T | • - F1 | FLASH OPERATION |
| STI | REET | | DIR | | FACE | | | Ø1 | | | Ø2* | | | Ø5 | | | Ø6 | | |
| MILK ST | REET | | EB | | - | | R | R | R | R | R | R | G | Υ | R | R | R | R | FR |
| MILK ST | REET | | EB | | - | | R | R | R | R | R | R | GL | YL | R | R | R | R | FR |
| MILK ST | REET | | WB | | - | | R | R | R | R | R | R | R | R | R | GR | YR | R | FR |
| ATLANT | TC AVE | | NB | | _ | | G | Υ | R | R | R | R | R | R | R | R | R | R | FY |
| | | | | | | | | | | | | | | | | | | | |
| CROSS | NALK | | - | | | | W/ FDW | DW | DW | W | FDW | DW | DW | DW | DW | DW | DW | DW | OFF |
| CROSS | NALK | | | | | | DW | DW | DW | W | FDW | DW | W/ FDW | DW | DW | W/ FDW | DW | DW | OFF |
| CROSS | NALK | | _ | | - | | DW | DW | DW | | | | | | | | | DW | OFF |
| | | | | | • | TIMIN | G IN | SEC | OND | S | _ | | | | | | | | |
| MINIMUI | M GREE | ΞN | | | | | 10 | | | _ | | | 8 | | | 8 | | | |
| EXTENS | ION | | | | | | 2 | | | _ | | | 2 | | | 2 | | | |
| MAXIMU | M #1/#2 | 2 GF | REEN | | | | -/- | | | - | | | -/- | | | -/- | | | |
| YELLOV | V CLEA | RAN | CE | | | | | 3 | | | | | | 3 | | | 3 | | |
| RED CLI | CLEARANCE | | | | | | | | 1 | | | 1 | | | 1 | | | 1 | |
| WALK IN | ALK INTERVAL | | | | | | 8 | | | 8 | | | 8 | | | | | | |
| PEDEST | EDESTRIAN CLEARANCE | | | | | | 6 | | | | 8 | | | | | 5 | | | |
| | | | | | | | | | | | | | | | | | | | |
| MEMOR | MEMORY | | | | | | | - | | | - | | | - | | | - | | |
| RECALL | | | | | | | | MAX | | | OFF | | | OFF | | | OFF | | |

*Ø2 PED RECALL FROM 7AM - 10PM. OTHERWISE, PUSH-BUTTON ACTUATED MAX. #2 DURING COORDINATED OPERATION

| CYCLE | | OFFSET | Ø1 | Ø2 | Ø5 | Ø6 | HOURS OF OPERATION |
|-------|--------------|--------|--------------|----|----|----|--------------------|
| 1 | 90 | 60 | 39 | 17 | 22 | 12 | - |
| 2 | 90 | 71 | 37 | 17 | 23 | 13 | - |
| 3 | 100 | 0 | 48 | 17 | 21 | 14 | - |
| FLAS | SH OPERATION | _ | - | - | - | _ | - |

LOCATION: Milk Street and Surface Arterty SB DATE:

INTERSECTION No.: 1052 DATE FIRST IN SERVICE:

SECTION No.: 13

EXISTING CONDITIONS

| | | CL | EAR | ANCE | TABLE | | | l . | 116. | | | | | | | | | | |
|----------|-----------------------------|-------|-------|------|--|-----------------------|-------------------------------|-----------|------------|-----|-----|---------|------------|-----------|----|----------|---|-----|--------------------|
| | | G | R | T | TO - | l w | DW | , | | | | <u></u> | - 3 |] | ΤЬ | + | | | T NO |
| FROM | G R - - W DW | G | P R | - | - - - - | - - - - W | - - - - FDW DW | 7 | | | 국 (| | ولد | 7 | | | | i | FLASH OPERATION |
| | STF | REET | | DIR | W.N. | FACE | | | Ø1 | | | Ø2* | | | Ø5 | | | | |
| MI | LK ST | REET | | EB | | | | R | R | R | R | R | R | G | Υ | R | | | FR |
| SA | SB | | | SB | | - | - | G | Υ | R | R | R | R | R | R | R | | | FY |
| CR | ROSSV | VALK | | 1 | | - | | W/ FDW | DW | DW | W | FDW | DW | DW | DW | DW | | | OFF |
| CR | ROSSV | VALK | | - | | - | | | | DW | | FDW | DW | W/ FDW | DW | DW | | | OFF |
| CR | ROSSV | SWALK | | | | | DW | DW | DW | 8 | FDW | DW | | | | | | OFF | |
| ļ | | | | | | | | | | | | | | | | | | | |
| | | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | • | | | | | | | | | | | | |
| - | | | | | | | TIMIN | Υ | SEC | OND | S | | | | - | | | | |
| <u> </u> | NIMUN | | EN | | | | | 8 | | | - | | | 8 | | | | | |
| EX | TENS | ION | | | | | | 2 | | | _ | | | 2 | | | | | |
| MA | VIMU | M #1/ | #2 GF | REEN | | | | -/- | | | - | | | -/- | | | | | |
| YE | LLOW | / CLE | ARAN | ICE | | | | | 3 | | | | | | 3 | | | | |
| RE | D CLE | EARAN | NCE | | | | | | | 1 | | | 1 | | · | 1 | | | |
| WA | /ALK INTERVAL | | | | | | 8 | | | 8 | | | 8 | | | | | | |
| PE | EDESTRIAN CLEARANCE | | | | | | 10 | | | | 11 | | 10 | | | | | | |
| ME | MEMORY | | | | | | | | | | | | | | | | - | | |
| ļ | ECALL | | | | | - | | MAX | | | OFF | | | OFF | | | | | |
| | CALL | | | | | 214405 | | | - 1 | | | | | <u> </u> | | | | | |

*Ø2 PED RECALL FROM 7AM - 10PM. OTHERWISE, PUSH-BUTTON ACTUATED MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | 1 | | Ø2 | Ø5 | HOURS OF OPERATION |
|-------|--------------|----|----|----|----|--------------------|
| 1 | 90 | 33 | 45 | 20 | 25 | - |
| 2 | 90 | 8 | 45 | 20 | 25 | - |
| 3 | 100 | 70 | 50 | 20 | 30 | - |
| FLAS | SH OPERATION | - | _ | - | _ | - |

LOCATION: State Street and Atlantic Avenue DATE: _____

INTERSECTION No.: 2023

DATE FIRST IN SERVICE: _____

SECTION No.: 13

EXISTING CONDITIONS

| _ | | 1 | 4.4 | | T - | | | | | | | |
|-------------------------------|-----------|-----------------|-----------------|----------|---------|-----|----------|-------|----------|------|----------|--------------------|
| CLEARANCE TABLE | |] | † † | Î | | TTT | - | | | | | |
| TO W | DW FDW DW | • | - 11 | Σ, | ₹ . | | - F | | | | | FLASH OPERATION |
| STREET DIR FACE | | | Ø1 | | | Ø5 | | | | | | |
| STATE STREET WB - | | R | R | R | G | Υ | R | | | | | FR |
| ATLANTIC AVE WB - | | G | Υ | R | R | R | R | | | | | FY |
| ATLANTIC AVE NB - | · | G | Υ | R | R | R | R | | | | | FY |
| CROSSWALK | | w/ FDW DW | | DW DW | | | DW DW | | | | | OFF OFF |
| | | | | | | | | | | | | |
| T | IMINO | 3 IN | SEC | | S | | 1 | | <u> </u> | | <u> </u> | |
| MINIMUM GREEN | | 4 | | | 8 | | | | | ! | | |
| EXTENSION | | 2 | | | 2 | | | | | | | |
| MAXIMUM #1/#2 GREEN | | -/- | | | - | | | | | | | |
| YELLOW CLEARANCE | | | 3 | | | 3 | | | | | | |
| RED CLEARANCE | | | | 1 | | | 1 | | | | | |
| WALK INTERVAL | | 8 | | | 8 | | | | | | | |
| PEDESTRIAN CLEARANCE | | 10 | | | 10 | | | | | | | |
| MEMORY | | | | | | | | | | | | |
| RECALL | | | - MANY | | | | | | | | | |
| *Ø2 PUSH-BUTTON ACTUATED ONLY | | | MAX | | ' | OFF | | _ | | | | |

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø5 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|--------------------|
| 1 | 90 | 0 | 50 | 40 | - |
| 2 | 90 | 30 | 50 | 40 | - |
| 3 | 100 | 0 | 60 | 40 | - |
| FLAS | SH OPERATION | - | - | - | - |

LOCATION: State Street and Surface Road DATE:

INTERSECTION No.: 4106 DATE FIRST IN SERVICE: ____

SECTION No.: 13

EXISTING CONDITIONS

| CLE | ARANCE | TABLE | | | | | 111 | | | <u></u> | | | |
|---------------|----------------------|-------|-----------|------------|-----|---|---------|--------------|-----------|---------|-----|---|--------------------|
| G G G R | R - Y - R | TO | | 111 | 117 | | | 1 11/ | | | - = | | FLASH OPERATION |
| STREET | DIR | FACE | | Ø1 | T | | Ø2* | , | | Ø5 | | | |
| STATE STREET | WB | | R | R | R | R | R | R | R | R | R | | FR |
| SURFACE ROAL | SB | - | G | Υ | R | R | R | R | G | Υ | R | | FY |
| | | | | | | | | | | | | | |
| CROSSWALK | - | - | W/ FDW | DW | DW | W | FDW | DW | <u> </u> | | DW | | OFF |
| CROSSWALK | - | _ | DW | DW | DW | W | FDW | DW | W/ FDW | DW | DW | | OFF |
| CROSSWALK | - | - | DW | DW | DW | W | FDW | DW | DW | DW | DW | | OFF |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | : |
| | | TIMIN | G IN | SEC | OND | S | | | | | | | |
| MINIMUM GREE | V | | 8 | | | _ | | | 8 | | | | |
| EXTENSION | | | 2 | | | - | | | 2 | | | | |
| MAXIMUM #1/#2 | GREEN | | -/- | | | | | | -/- | | | | |
| YELLOW CLEAR | ANCE | | | 3 | | | | | | 3 | | | |
| RED CLEARANC | E | 70.00 | | | 1 | | | 1 | | | 1 | | |
| WALK INTERVAL | WALK INTERVAL | | | | | 8 | | | 8 | | | | |
| PEDESTRIAN CL | PEDESTRIAN CLEARANCE | | | | | | 8 | | 10 | | | | |
| | | | | | | | | | | | | | |
| MEMORY | | | | | | | - | | • | _ | | L | |
| RECALL | | | | MAX | | | OFF | | | OFF | | | |

*Ø2 PED RECALL FROM 7AM - 10PM. OTHERWISE, PUSH-BUTTON ACTUATED MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | | Ø1 | Ø2 | Ø5 | HOURS OF OPERATION |
|-------|--------------|----|----|----|----|--------------------|
| 1 | 90 | 55 | 43 | 17 | 30 | - |
| 2 | 90 | 30 | 43 | 17 | 30 | - |
| 3 | 100 | 56 | 48 | 17 | 35 | - |
| FLAS | H OPERATION | - | - | - | - | - |

LOCATION: Atlantic Avenue and Cross Street and Mercantile Street DATE:

INTERSECTION No.: 7002 DATE FIRST IN SERVICE:

SECTION No.: 13

EXISTING CONDITIONS

| | CL | .EAR | ANCE | TABLE | | | | | | | | | | | · | | |
|--|-------------|-----------|------|-------|-----------------------|-------------------------|-----------|----------|-----|----------|-------|--|-----------------|-----|--------------|------|--------------------|
| | G | R | 1 - | TO - | w | DW | 1. | | .τ. | | • | -• 3 τ | , | | - † | | __ |
| PW PW PW PW PW PW PW PW PW PW PW PW PW P | - - - | R | - | | - - - - W | - - - - FDW | | ★ | ╧ | <u>-</u> | 니 | 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | <u>,</u> ⇒ - | | ★ | | FLASH OPERATION |
| | REET | <u></u> | DIR | | FACE | I DAA | | Ø1 | | | Ø2* | | | Ø5 | | | |
| MERCA | NTILE | ST | EB | | - | | R | R | R | R | R | R | G | Υ | R | | FR |
| ATLAN | TIC AV | E | WB | | - | | R | R | R | R | R | R | G | Υ | R | | FR |
| ATLAN | ΓΙC AV | E | NB | | - | | G | Υ | R | R | R | R | R | R | R | | FY |
| | | | | | | | | | | | | | | | | | |
| CROSS | WALK | | | | - | | W/ FDW | DW | DW | W | | | | | DW | | OFF |
| CROSS | | | - | = | - | | DW | DW | DW | W | FDW | DW | W/ FDW | DW | DW | | OFF |
| CROSS | WALK | | - | | - | | DW | DW | DW | W | FDW | DW | DW | DW | DW | | OFF |
| | | | | | | | | | | | | | | _ | | | |
| | ······ | | | | | TIMIN | G IN | SEC | OND | <u>S</u> | | | | | | | |
| MINIMU | M GRE | EN | | | | | 8 | | | - | | | 8 | | | | |
| EXTEN | SION | | | | | | 2 | | | _ | | | 2 | | | | |
| MAXIMU | JM #1/a | #2 GF | REEN | | | | -/- | | | - | | | -/- | | | | |
| YELLO | V CLEA | ARAN | ICE | | | | | 3 | | | | | | 3 | | | |
| RED CL | EARAI | NCE | | | | | | | 2 | | | 1 | | | 2 | | |
| WALK II | NTERV | 'AL | | | | | | | | 8 | | | 8 | | | | |
| PEDES | TRIAN | CLEARANCE | | | | | 10 | | | | 13 | | 8 | | | | |
| | | | | | | | | | | | | | | | | | |
| MEMOR | EMORY | | | | | | | - | | | - | | | - | | | |
| RECALL | | | | | | | | MAX | | | OFF | | | OFF | | | |

*Ø2 PED RECALL FROM 7AM - 10PM. OTHERWISE, PUSH-BUTTON ACTUATED MAX. #2 DURING COORDINATED OPERATION

| | | <u> </u> | | | 7 | 11 02001120) |
|-------|--------------|----------|----|----|----|--------------------|
| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø5 | HOURS OF OPERATION |
| 1 | 90 | 4 | 37 | 22 | 31 | - |
| 2 | 90 | 8 | 39 | 22 | 29 | - |
| 3 | 100 | 38 | 43 | 22 | 35 | - |
| FLAS | SH OPERATION | - | - | - | - | - |

LOCATION: Mercantile Street and Surface Road DATE:

INTERSECTION No.: 4117

DATE FIRST IN SERVICE:

SECTION No.: 13

EXISTING CONDITIONS

| | | Cl | EAR | ANCE | TABLE | | | | 111 | ~ | | Щ | | | | | | _ |
|----------|---------------------|-------------|-------------|---------|-------|-------------|-----------|-----|-------------|----------|----|-----|----------|--------|---|---|---|--------------------|
| FROM | G R | G G - | R Y R | | TO | - - - | DW | | | 7 | | | f | | | | | FLASH OPERATION |
| II | W DW | - | - | - | - | - W - | FDW DW | | † ‡‡ | | - | Щ | + | | | : | | Ю |
| | STI | REET | | DIR | | FACE | | | Ø1 | | | Ø2* | | | | | | |
| ME | ERCAI | NTILE | ST | WB | | - | | R | R | R | G | Υ | R | | | | | FR |
| SL | JRFAC | E RO | AD | SB | | - | | G | Υ | R | R | R | R | | | | | FY |
| SL | JRFAC | E RO | AD | SB | | - | | G | Υ | R | R | R | R | | | | | FY |
| | | | | | | | | | | | | | | | | | | |
| CF | ROSSI | NALK | | - | | - | <u></u> | DW | DW | DW | W | FDW | DW | | | | | OFF |
| CF | ROSSI | NALK | | - | | - | | DW | DW | DW | W | FDW | DW | | | | | OFF |
| | | | | | | | | | | | | | | | | | | |
| | | | | - | | | | | | | | | | | | | | |
| | | - | | | | • | TIMING | I | SEC | OND | | | | ······ | | | | |
| - | | M GRE | EN | | | | | 4 | | | 8 | | | | | | | |
| <u> </u> | TENS | | | | | | | 2 | | | 2 | | | | | | - | ĺ |
| MA | XIMU | M #1/ | #2 GI | REEN | | | | -/- | | | | | | | | | | |
| YE | LLOW | / CLE/ | ARAN | ICE | | | | | 3 | | | 3 | | | | | | |
| RE | D CLE | EARAI | NCE | | | | | | | 1 | | | 1 | | | | | |
| WA | VALK INTERVAL | | | | | | | 8 | | | 8 | | | | | | | |
| PE | EDESTRIAN CLEARANCE | | | | | | | 11 | | | 11 | | | | | | | |
| ME | EMORY | | | | | | | j | _ | | | _ | | | i | | | : |
| | EMORY ECALL | | | | | | | | MAX | | | OFF | | | | | • | |
| | | DECAL | LEDC | NA 7004 | 10DM | OTLIC | | | | | | | | | | | | |

*Ø2 PED RECALL FROM 7AM - 10PM. OTHERWISE, PUSH-BUTTON ACTUATED MAX. #2 DURING COORDINATED OPERATION

| CYCLE | | | Ø1 | Ø2 | 1 1 1 | HOURS OF OPERATION |
|-------|-------------|----|----|----|-------|--------------------|
| 1 | 90 | 0 | 60 | 30 | | - |
| 2 | 90 | 0 | 62 | 28 | | - |
| 3 | 100 | 40 | 65 | 35 | | _ |
| FLAS | H OPERATION | - | _ | - | | _ |

LOCATION: Commercial Street and Cross Street DATE:

INTERSECTION No.: 290 DATE FIRST IN SERVICE: _____

SECTION No.: 13

EXISTING CONDITIONS

| CLE | AR/ | ANCE | TABLE | | | | | | | | | | | | | | |
|---------------|---------------------|------------------|------------|--------|----------|-----------|-----|-----|-----------|-----|----------|---|---|----------|---|---|--------------------|
| G | R | Τ. | TO _ | l w | DW | 1 | | 7. | | | A | | | | | | FLASH OPERATION |
| G G | Υ | - | - | - | | 1 | | Ī | | | C | | | | | | FLASH ERATI |
| FROM | <u>R</u> | - - | - | - | - | | | į | | | - | | | | | | F.F. |
| <u> </u> | - | - | - | - W | - FDW |] | 4 | 1 | | - | ГТ | | | | | | Q |
| DW - | - | | <u> </u> | _ | DW | | | | | | <u>.</u> | | | | | | |
| STREET | | DIR | , | FACE | | | Ø1 | | | Ø5 | | | | | | | |
| COMMERCIAL | ST | WB | | _ | | R | R | R | G | Υ | R | | | | | | FR |
| CROSS STREE | т_ | NB | | - | | G | Υ | R | R | R | R | | | | | | FY |
| | | | | · | | , | | | | | | | | | | | |
| CROSSWALK | | - | | - | | W/ FDW | DW | DW | DW | DW | DW | | | | | | OFF |
| CROSSWALK | | - | | _ | _ | | | DW | W/ FDW | DW | DW | | | | | | OFF |
| | Î | | | | | | | | | | | | | | | | |
| | | • | | | 112. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | · |
| | | | | | TIMIN | G IN | SEC | OND | S | | | i | | I | l | · | |
| MINIMUM GREE | N | | <u>- 1</u> | | | 8 | | | 8 | | | | | | | | |
| EXTENSION | | | | | | 2 | | | 2 | | - | | | | | | |
| MAXIMUM #1/#2 | GR | EEN | | | | -/- | | | - | | | | | | | | |
| YELLOW CLEAF | RAN | CE | | | | | 3 | | | 3 | | | | | | | |
| RED CLEARANG | Œ | | *** | | <u>-</u> | | | 1 | ~- | | 1 | | | | | | |
| WALK INTERVA | | | | | | | - | | 7 | | | | | | | | |
| PEDESTRIAN C | EDESTRIAN CLEARANCE | | | | | | | | 7 | | | | - | | | | |
| | | | | | | | | | - | | | | | | | | |
| MEMORY | EMORY | | | | | | - | | | - | | | | | | | |
| RECALL | | | | | | | MAX | | • | OFF | | | | | | | |

*Ø2 PED RECALL FROM 7AM - 8PM. OTHERWISE, PUSH-BUTTON ACTUATED MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø5 | | HOURS OF OPERATION |
|-------|--------------|--------|-----|----|-------|--------------------|
| 1 | 90 | 89 | 60 | 30 | | • |
| 2 | 90 | 3 | 60 | 30 | | - |
| 3 | 100 | 28 | 65 | 35 | - | - |
| FLAS | SH OPERATION | - | · _ | - | | - |

LOCATION: Clinton Street and Surface Road DATE:

INTERSECTION No.: 1960

DATE FIRST IN SERVICE:

SECTION No.: 13

EXISTING CONDITIONS

| | CL | EAR. | ANCE | TABLE | | | | | | | 111 | | | 111 | | | |
|--|-----------------------|-------------|------|-------|-----------|-----------|------|------------|-------|-------------|------|--|-----|-------------------|---------|------|--------------------|
| PROM G ROM G R | G G - - - | R Y R | | TO | W | DW FDW DW | | ↓↓↓ | V | , ا | | , , , , , , , , , , , , , , , , , , , | | 111 | 7 | | FLASH OPERATION |
| STR | REET | | DIR | | FACE | | | Ø1 | *** | | Ø2* | | | Ø5 | - | | |
| RAMP | | | WB | | - | | R | R | R | R | R | R | G | Υ | R | | FR |
| SURFAC | E RO | AD | SB | | - | | G | Υ | R | R | R | R | R | R | R | | FY |
| | | | | | | | | | | | | | | | | | |
| CROSSV | VALK | | - | | W/ FDW | DW | DW | W | | DW | | | L | | OFF | | |
| CROSSV | VALK | | - | | - | DW | DW | DW | W | FDW | DW | W/ FDW | DW | DW | | OFF | |
| CROSSV | VALK | | - | | - | DW | DW | DW | W | FDW | DW | DW | DW | DW | | OFF | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | TIMING | 3 IN | SEC | OND | S | _ | | | · · · · · · · · · | · | | |
| MINIMUM | / GRE | EN | | | | | 8 | | | _ | | | 8 | | | | |
| EXTENSI | ION | | | , | | | 2 | | | - | | | 2 | | | | |
| MAXIMUI | M #1/# | ‡2 GF | REEN | | | | -/- | | | - | | | -/- | | | | |
| YELLOW | CLEA | RAN | ICE | | | | | 3 | | | | | | 3 | | | |
| RED CLE | RED CLEARANCE | | | | | | | | 1 | | | 1 | | | 1 | | |
| WALK IN | VALK INTERVAL | | | | | | | | | 10 | | | 8 | | | | |
| PEDEST | EDESTRIAN CLEARANCE | | | | | | | | | | 9 | | 10 | | | | |
| | IFMODY. | | | | | | | | | | | | | | | | |
| MEMORY | | | | | | | | - | | | - | | | - | | | |
| RECALL | | | | | | | | MAX | | | OFF | | | OFF | | | |

*Ø2 PED RECALL FROM 7AM - 8PM. OTHERWISE, PUSH-BUTTON ACTUATED. MAX. #2 DURING COORDINATED OPERATION

| | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 11100 111011 | (· · · · · · · | 11 02001120) |
|-------|--------------|-------------|--|--------------|-----------------|--------------------|
| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø5 | HOURS OF OPERATION |
| 1 | 90 | 58 | 38 | 22 | 30 | - |
| 2 | 90 | 48 | 32 | 22 | 36 | - |
| 3 | 100 | 80 | 38 | 22 | 40 | - |
| FLAS | SH OPERATION | - | - | - | - | - |

LOCATION: Kneeland Street and Surface Artery SB DATE:

INTERSECTION No.: 1290 DATE FIRST IN SERVICE:

SECTION No.: 11

EXISTING CONDITIONS

| | CL | EARA | ANCE | TABLE | , | | | 111> | | Н | .11⁄2 | | Н | 11 | | Н | 11 | | 7 |
|---------|-----------------------|-----------------------|------|-------|------|-----------|-----------|------|-----|---|-------|----|-----------|----------|----|---------------------|-----|----|--------------------|
| PROM W | G G - - - | R Y R - - | | TO | W | DW FDW DW | ≧ | | | | • | | . | <u> </u> | = | | | ÷ | FLASH OPERATION |
| STF | REET | | DIR | | FACE | | | Ø1 | | | Ø2* | | | Ø5 | · | | Ø6 | | |
| KNEELA | ND ST | • | EB | _ | - | | R | R | R | R | R | R | R | R | R | G | Υ | R | FR |
| KNEELA | ND ST | | WB | | | | R | R | R | R | R | R | G | Υ | R | G | Υ | R | FR |
| KNEELA | ND ST | • | WB | | - | | R | R | R | R | R | R | GL | YL | R | G | Υ | R | FR |
| SASB | | | SB | | - | | G | Υ | R | R | R | R | R | R | R | R | R | R | FY |
| | | | | | | | | | | | | | | | | | | | |
| CROSSV | VALK | | - | | - | | W/ FDW | DW | DW | W | | | | | | | | DW | OFF |
| CROSSV | VALK | | - | | - | <u>-</u> | DW | DW | DW | W | FDW | DW | W/ FDW | DW | DW | W/ FDW | DW | DW | OFF |
| CROSSV | VALK | | - | | - | | DW | DW | DW | W | FDW | DW | DW | DW | DW | DW | DW | DW | OFF |
| | | | | | | TIMIN | G IN | SEC | OND | S | · | | | | | | | | |
| MINIMUN | M GRE | EN | | 1944 | | | 8 | | | _ | | | 4 | | | 8 | · | | |
| EXTENS | ION | | | | | | 2 | | | - | | | 2 | | | 2 | | | |
| MAXIMU | M #1/# | 2 GR | REEN | | | | -/- | | | - | į | | -/- | | | -/- | | | |
| YELLOW | / CLEA | RAN | CE | | | | | 3 | | | | | | 3 | | | 3 | | |
| RED CLE | RED CLEARANCE | | | | | | | | 3 | | | 1 | | | 3 | | | 3 | |
| WALK IN | WALK INTERVAL | | | | | | 7 | | | 7 | | | 4 | | | 7 | | | |
| PEDEST | PEDESTRIAN CLEARANCE | | | | | | | | | | 16 | | | | | 9 | | | |
| | | | | | | | | | | | | | | | | | | | |
| MEMOR' | IEMORY | | | | | | | - | | | - | | | _ | | | - | | |
| RECALL | | | | | | | | MAX | | | OFF | | | OFF | | | MIN | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| | | | <u> </u> | INVIATION | (I IIVILO I | 14 OF COL | 1DO) |
|-------|--------------|--------|----------|-----------|--------------|-----------|--------------------|
| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø5 | Ø5 | HOURS OF OPERATION |
| 1 | 90 | 36 | 30 | 24 | 14 | 22 | • |
| 2 | 100 | 50 | 32 | 24 | 18 | 26 | - |
| 3 | 100 | 57 | 36 | 24 | 14 | 26 | - |
| FLAS | SH OPERATION | - | - | - | - | _ | - |

LOCATION: Beach Street and Surface Artery SB

INTERSECTION No.: 1292

DATE FIRST IN SERVICE:

SECTION No.: 11

EXISTING CONDITIONS

| | CLEAR | | | ANCE | E T. | AB | LE | | | | _] | ↓↓↓ | | | Ш | | | Ш | | | |
|-----------|-----------------------|----------|-----------------------|-----------------------|------|----|---------|----|----------------------------|------------|-----------|-----|-----|---|---------------|----|-----------|-----|-----|------|--------------------|
| FROM - G | G G - - - | | R Y R - - | - - - - - | To | | - | | - - - - - W | DW FDW DW | | *** | | | · · · · · · · | ٢ | _ | | + f | | FLASH OPERATION |
| STREE | ET | | | DIR | | | F | FA | CE | | | Ø1 | | | Ø2* | | | | | | |
| BEACH STI | REE | ΞΤ | | WB | | | | | | | R | R | R | R | R | R | GL | YL | R | | FR |
| SASB | | | | SB | | | | | | | G | Υ | R | R | R | R | R | R | R | | FY |
| | | | | | | | | | | | | | | | | | | | | | |
| CROSSWA | LK | | | - | | | | - | • | | W/ FDW | DW | DW | W | FDW | DW | | 1 | L | | OFF |
| CROSSWA | LK | | | - | | | | | • | | DW | DW | DW | W | FDW | DW | W/ FDW | DW | DW | | OFF |
| CROSSWA | LK | | | - | | | | | • | | DW | DW | DW | W | FDW | DW | DW | DW | DW | | OFF |
| | | | | | | | | | | | <u> </u> | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | <u></u> | | | TIMIN | G IN | SEC | OND | S | | ·- | | | | | |
| MINIMUM G | RE | EN | ı | | | | | | | | 8 | | | - | | | 8 | | | | |
| EXTENSION | N | | | | | | | | | | 2 | | | - | | | 2 | | | | |
| MAXIMUM # | #1/# | ‡2 (| GR | EEN | | | | | | - • | -/- | | | _ | | | - | | | | |
| YELLOW CI | LEA | \R/ | N | CE | | | | | | | | 3 | | | | | | 3 | | | |
| RED CLEAF | RAN | 1CE | Ξ | | | | | | | | | | 3 | | | 1 | | | 2 | | |
| WALK INTE | RV | AL | | | | | | | | | 7 | | | 7 | | | 7 | | | | |
| PEDESTRIA | AN (| CLI | ΞΑΙ | RAN | CE | ; | | | | | 4 | | | | 9 | | 6 | | | | |
| | | <u> </u> | | | | | | | | | | | | | | | | | | | |
| MEMORY | | | | | | | | | | | | - | | | - | | | _ | | | |
| RECALL | | | | | | | | | | | | MAX | | | OFF | | | OFF | | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø5 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|------|--------------------|
| 1 | 90 | 15 | 48 | 17 | 25 | - |
| 2 | 100 | 31 | 58 | 17 | - 25 | - |
| 3 | 100 | 45 | 58 | 17 | 25 | - |
| FLAS | SH OPERATION | - | - | - | - | - |

| LOCATION | N. Fesev St | treet a | and Lincoln | n Straat | and S | urface | Artoni 9 | BOS | TON TE | RANSP | ORTAT | ION D | EPART | MENT | - AUTC | MATIC | TRAFFICS | SIGNAL | S | | | | | DE | CION D | ЛТС. | |
|-------------|-------------|-------------|----------------------------|----------|-------------|----------|----------|--|----------|----------|-----------|---------|----------|------|------------|-------|--|--------------|----------|--------------|----------|----------|--------|----------|---------|------|-----------|
| INTERSEC | CTION No.: | 1291 | SECTI | ON No. | : 11 | unace | Aitery | <u>, </u> | OPEF | RATIC | ON S | CHE | DULE | - EX | ISTIN | G C | ONDITIC | NS | | | | | DATE I | | SIGN DA | | |
| (| CLEARANC | E TA | BLE | | | ↓ | | T | | | 11 | | | | ļ | | | | | | | | | - | | | |
| G G G R W W | S Y R | TO | - W - W | DW FDW | 41 | - | T | 42 | | + | 山 ! | Z -• | T TY | 1 | } ~ | ↑ | | | | | | | | | | | FLASH |
| DW - | | - | | DW | かべ | | | 次 | | | 1 | | | 次 | | | | · | | | | | | | | | |
| ESSEX STR | | _ | FACE - | | R | Ø1 R | R | R | Ø2 R | R | G | Ø5 Y | R | R | Ø6 | В | | 1 | - | | 1 | - | | 1 | + | | |
| RAMP RT | NE | | - | | R | R | R | G | Y | R | R | R | R | G | R | R | | | | | | | | | | | FR FY |
| SASB | SE | | _ | | G | Y | R | R | R | R | R | R | R | G | Y | R | | | | | | _ | | | | | FY |
| SASB | SE | | | | G | Y | R | R | R | R | R | R | R | G | Y | R | | | | | | | | | | | FY |
| LINCOLN ST | TREET NE | 3 | - | | R | R | R | G | Y | R | R | R | R | R | R | R | | | - | | | : | | | + | | FR |
| | | | | | | | · · · · | | | | | | | | | | | | | | | | | | | | |
| CROSSWAL | .K - | | _ | | W/ FDW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | DW | DW | DW | | | <u> </u> | | | | | | | | OFI |
| CROSSWAL | .K - | | - | | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | DW | DW | DW | | | | | | | | | | | OFI |
| CROSSWAL | .K - | | - | | W/ FDW | DW | DW | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | | | | | | | | | | | OF |
| CROSSWAL | .K - | | - | | W/ FDW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | | | | | | | | | | | OFI |
| CROSSWAL | .K - | | - | | DW | DW | DW | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | | | | | - | | | | | | OF |
| CROSSWAL | .K - | | - | | DW | DW | DW | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | | | | | | | | | | | OF |
| | | | | | | | | | | | | | | ļ | | | | | | | | | | | | | |
| MINIMUM GF | | | | | 4 | | | 17 | | | 4 | | | 5 | | | | | | | | | | | | | <u></u> |
| EXTENSION | | | | | 2 | | | - | <u> </u> | | 2 | | | 2 | | | | | | _ | | | | | | | |
| MAXIMUM # | | N | - | | -/- | | | - | | - | -/- | | | -/- | | | | _ | | 1 | | | | | | | SECONDS |
| YELLOW CLI | | | | | | 3 | | | 3 | | | 3 | | | 3 | _ | | | | | | <u> </u> | | <u> </u> | | | |
| WALK INTER | | | · | | 7 | | 3 | 10 | | 4 | 7 | | 4 | | | 2 | | | <u> </u> | | | | - | | - | | NI 9NIWIL |
| PEDESTRIA | | NCE | | | 6 | | - | 7 | | | 12 | | | | | | | | | | | - | | | | | |
| LDLOTTIA | - CLANA | IVE | | | | | | | | | 12 | | | | | | | | | | | | | | | | |
| MEMORY | | | | | | <u> </u> | J | | _ | <u> </u> | | _ | <u> </u> | | _ | | | | <u> </u> | <u> </u> | <u> </u> | + | | | | | |
| RECALL | | | , | | | MAX | | | OFF | | | OFF | | | MAX | | | | | | | | | | | | |
| | | | COORDIN | NATION | INFO | RMATI | ON (TII | MES IN | N SECC | NDS) | | | | | | | | | | ···= · | | | | | | | |
| CYCLE CY | YCLE LENG | | OFFSET | Ø1 | | ð2 | Ø5 | Ø | | ,,,,, | | | | | НС | URS C | F OPERAT | ION | | - | | TEC | HNICA | L NOTE | ES | | |
| 1 | 90 | | 33 | 25 | 2 | 29 | 26 | 10 |) | | | | | | | | - | | _ | | | | | · | | | |
| 2 | 100 | | 45 | 26 | 3 | 37 | 26 | 11 | | | | | | | | | - | | _ | | | | | | | | |
| 3 | 100 | | 43 | 25 | 2 | 29 | 35 | 11 | | | | | | | | | - | | - | | | | | | | | |
| FLASH O | PERATION | !] | - | - | | - T | - | - | | | | | | | | | _ | | _ | | | | | | | · | - |

LOCATION: Essex Street and South Street DATE: _____

INTERSECTION No.: 377 DATE FIRST IN SERVICE:

SECTION No.: 11

EXISTING CONDITIONS

| | | CL | .EAR | ANCE | TABLE | <u>.</u> | | | | | | | | | | | | | |
|------|-----------------------------|-----------|-------|------------------|----------|----------------------------|-------------------------|------|-----|-----|---|---------|-----|--|----|----|--|---|--------------------|
| | | G | R | 1 - | TO - | l w | DW | 1 | | £ | | | | ١. | | 7 | | | _ 8 |
| FROM | G R - - W DW | | Y R | - - - - | | - - - - - W | - - - - FDW | 7 | · | | 7 | | ١ | \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ | | • | | | FLASH OPERATION |
| | STF | REET | | DIR | | FACE | | | Ø1 | | | Ø2* | | | Ø5 | | | | |
| ES | SSEX S | STREE | ΞT | EB | | - | | G | Υ | R | R | R | R | R | R | R | | | FY |
| ES | SSEX S | STREE | ΞT | WB | | - | | R | R | R | R | R | R | GL | YL | R | | | FR |
| | | | | | | | | | | | | | | | | | | i | |
| CF | ROSSV | VALK | _ | - | | _ | | DW | DW | DW | W | FDW | DW | W/ FDW | DW | DW | | | OFF |
| CF | ROSSV | VALK | | - | | - | | DW | DW | DW | W | FDW | DW | | | DW | | | OFF |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | ,,, | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | , | | | TIMIN | G IN | SEC | OND | S | | | | | | | | |
| МІ | NIMUN | M GRE | EN | | | | | 8 | | | _ | | | 8 | | | | | |
| E | TENS | ION | • | | | | | 2 | | | - | | | 2 | | | | | |
| M | VXIMU | M #1/# | #2 GF | REEN | | | | -/- | | | - | | | -/- | | | | | |
| YE | LLOW | / CLE/ | ARAN | ICE | <u>-</u> | | | | 3 | | | | | | 3 | | | | |
| RE | D CLE | EARAN | NCE | | | | | | | 2 | | | 1 | | | 1 | | | |
| W | ALK IN | TERV | AL | | | | | | | | 7 | | | 7 | | | | | |
| PE | DEST | RIAN | CLEA | ARANC | E | | | | | | | 13 | | 4 | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| ME | EMOR' | Y | | | | | | | - | | | - | | | - | | | | |
| RE | CALL | LL | | | | | MAX | | | OFF | | | OFF | | | | | | |

*Ø2 PED RECALL FROM 7AM - 8PM, OTHERWISE, PUSH-BUTTON ACTUATED

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø5 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|--------------------|
| 1 | 90 | 82 | 44 | 21 | 25 | - |
| 2 | 100 | 13 | 59 | 2 | 20 | - |
| 3 | 100 | 1 | 49 | 21 | 30 | - |
| FLAS | SH OPERATION | - | - | - | - | - |

| | TION: <u>Sur</u> RSECTION | | et & Purch | ase Str | | : | 10 A | | | | | (a . a | | | | | TRAFI | | | | | | | DATE | | | DATE: _ RVICE: _ | |
|--------|------------------------------|-------------|------------|---------|--------|---|------------|-----------|-----------|-------------|-----------|-----------|-------------|---|---------------------------------------|--|--------|-------|-------------|----------|--------------|----|-----|--------|-------------|----------|---------------------|--|
| G R | G R G Y - R | - - - | O - W | | 1 | -111- 7 \text{\tint{\text{\text{\text{\text{\text{\text{\ti}\text{\texi}\text{\text{\text{\text{\text{\text{\texi}\text{\text{\texit{\texi{\texi}\text{\texi}\text{\texi{\texi{\texi{\texi{\texi{\texi}\texi{\texi}\titt{\texi{\texi{\texi{\texi{\texi{\texi}\titt{\ti}} | - - | 1 | чт Л П | | 1 1 | ыр 7 П | F | 7 | → | 7 | | | | | | | | | | | | FLASH |
| _ W | | - | - W | DW | | | | | | , | | | | ļ | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | | | |
| | REET | DIR | FACE | | | Ø1 | | | Ø2 | | <u> </u> | Ø4 | | | Ø5 | , | | | | | | ·· | | | | | | |
| SUMME | | EB | - | | R | R | R | R | R | R | G | Y | R | R | R | R | | | | | | | | | | | | F |
| SUMME | | WB | | | R | R | R | G | Y | R | R | R | R | R | R | R | | | <u> </u> | - | | | | | | | | F |
| SUMME | | WB | - | | R | R | R | GL | YL | R | R | R | R | R | R | R | ļ | | | | | | | _ | | | | F |
| PURCH | | SB | <u>-</u> | | G | Y | R | R | R | R | R | R | R | G | Y | R | | | ļ | ļ | | | | | | | | F |
| PURCH | ASE ST | SB | <u>-</u> | | R | R | R | R | R | R | R | R | R | G | Y | R | | | ļ | ļ | _ | | | | | | | F |
| RAMP | | SB | - | | G | Υ | R | R | R | R | R | R | R | R | R | R | | | | | | | | | _ | | | F |
| CROSS | WALK | - | _ | | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | DW | DW | DW | | | | - | 1 | | | | + | | | OI |
| CROSS | WALK | - | - | | DW | DW | DW | W/ FDW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | | | | | | | | | | | | OI |
| CROSS | WALK | - | - | | DW | DW | DW | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | | | 1 | | | | | | | | | OF |
| CROSS | WALK | - | - | | DW | DW | DW | DW | DW | DW | DW | DW | DW | W/ FDW | DW | DW | | | | | | | | | | | | OF |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | - | | | | | <u> </u> | - | | | | | ļ | | | - | | | + | | |
| - | M GREEN | | | | 10 | <u> </u> | <u> </u> | 10 | | | 5 | | <u> </u> | 5 | - | | | | <u> </u> | - | | | | | | | | ┦ , |
| EXTENS | | DEEN | | | 2 | | | 2 | | | 2 | <u> </u> | | 2 | | | | | 1 | | - | | - | | | | | |
| | JM #1/#2 G | | | | -/- | | | - | | | -/- | | | -/- | | | | | | 1 | | _ | - | | | | | 1 5 |
| | V CLEARA | | | | | 3 | ļ | | 3 | | | 3 | | - | 3 | | | | | <u> </u> | <u> </u> | | | | _ | | <u> </u> | ļ <u></u> |
| | EARANCE | | | | | | 3 | | <u></u> | 4 | - | | 2 | | | 3 | | | | | | | + | | | | | |
| | ITERVAL | ADANOE | - | | | | | 7 | | | 7 | | | 7 | | | | | ļ | - | | | + | | _ | | | |
| PEDESI | RIAN CLE | ARANCE | | | | | | 5 | | | 5 | <u> </u> | | 6 | | | | | | <u> </u> | | | | | | | | F |
| MEMOR | Y | | | | | _ | 1 | | _ | | | | <u> </u> | | _ | | | | I | | | | | | | +- | | |
| RECALL | | | | | | MAX | | | OFF | | <u> </u> | MIN | | | OFF | | | | | | | | | | | | | |
| | | | COORDI | NATIO | N INFO | RMAT | ION (TII | MES IN | SECC | NDS) | | | | • | | · •••• · · · · · · · · · · · · · · · · | • | | | | | | _ | | | 1 | | |
| CYCLE | CYCLE | LENGTH | | 1 | | 0 2 | Ø4 | Ø | | -, | | | | | Н | DURS (| OF OPE | RATIC | N | | | | TEC | HNICA | AL NOT | res | | |
| 1 | 9 | 0 . | 26 | 26 | 2 | 21 | 19 | 24 | | | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | • | | | - | | | | | | | | |
| 2 | 10 | 00 | 5 | 30 | 2 | 28 | 19 | 23 | 3 . | | | | | | | | - | | | - | | | | | | | | |
| 3 | 10 | າດ | 0 | 30 | | 26 | 19 | 25 | | | | | | | | | | | | | | | | 4.1,41 | | | | |

FLASH OPERATION

LOCATION: Congress Street and Purchase Street DATE:

INTERSECTION No.: 3055

DATE FIRST IN SERVICE:

SECTION No.: 13

EXISTING CONDITIONS

| FROM DM G | G G - - - - | R Y R - | | TABLE TO - W DW - W FDW DW | *** | <u>~</u> | • | AII F | | - | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | h. | | | FLASH OPERATION |
|-----------|----------------------------|------------------|------|-----------------------------------|-----------|----------|-----|----------|-----|----------|--|-----|----|--|--------------------|
| STR | REET | | DIR | FACE | | Ø1 | | | Ø2* | | | Ø5 | | | |
| CONGRE | ESS S | Т | EB | - | G | Υ | R | R | R | R | R | R | R | | FY |
| PURCHA | SE S | Γ | SB | - | R | R | R | R | R | R | G | Y. | R | | FR |
| CROSSW | VALK | | - | - | W/ FDW | DW | DW | W | FDW | DW | | | li | | OFF |
| CROSSV | VALK | | - | - | DW | DW | DW | W | FDW | DW | W/ FDW | DW | DW | | OFF |
| CROSSW | VALK | | _ | - | DW | DW | DW | W | FDW | | | ł | DW | | OFF |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | TIMIN | G IN | SEC | OND | S | | | | _ | | | |
| MINIMUM | I GRE | EN | | | 8 | | | - | | | 8 | | | | |
| EXTENSI | ON | | | | 2 | | | - | | | 2 | | | | |
| MAXIMUI | M #1/# | #2 GF | REEN | | -/- | | | - | | | -/- | | | | |
| YELLOW | CLEA | RAN | ICE | | | 3 | | | | | | 3 | | | |
| RED CLE | ARAN | 1CE | | | | | 3 | | | 1 | | | 3 | | |
| WALK IN | TERV | AL | | | 7 | | | 7 | | | 7 | | | | |
| PEDEST | RIAN | CLEA | RANC | E | 7 | | | | 12 | | 8 | | | | |
| | | | | | | | | | | | | | | | |
| MEMORY | ′ | | | | | _ | | | - | | | _ | | | Ì |
| RECALL | | | | | | MAX | | | OFF | | | OFF | | | |

*Ø2 PED RECALL FROM 7AM - 8PM. OTHERWISE, PUSH-BUTTON ACTUATED MAX. #2 DURING COORDINATED OPERATION

| CYCLE | | 1 | Ø1 | Ø2 | Ø5 | HOURS OF OPERATION |
|-------|--------------|----|----|----|----|--------------------|
| 1 | 90 | 59 | 40 | 19 | 31 | |
| 2 | 100 | 83 | 40 | 19 | 41 | - |
| 3 | 100 | 59 | 37 | 19 | 44 | - |
| FLAS | SH OPERATION | _ | - | - | - | - |

LOCATION: Kneeland Street and Lincoln Street DATE:

INTERSECTION No.: 403

DATE FIRST IN SERVICE:

SECTION No.: 11

EXISTING CONDITIONS

| | | CL | EAR. | ANCE | TABLE | | | | | | | | | | | | | | | |
|------|-----------------------------|-----------------------|-------------|------|-------|----------|-----------|--|--------------|---------------------------------------|---|------|----|--------------|-----|---------|--------------|-----|------------|--------------------|
| FROM | G R - - W DW | G G - - - | R Y R | | TO | W | DW FDW DW | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | → 1 1 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 쉯 | | | * | r, | ∏~ Z | * | ۲ | # | FLASH OPERATION |
| | STE | REET | | DIR | | FACE | , | | Ø1 | | | Ø2 | | | Ø3 | | | Ø4 | | |
| KN | EELA | ND S | Γ | EB | | - | | R | R | R | R | R | R | G | Υ | R | G | Υ | R | FR |
| KN | EELA | ND S | Γ | EB | | - | | R | R | R | R | R | R | GL | YL | R | G | Υ | R | FR |
| KN | EELA | ND S | Γ | WB | | - | | R | R | R | R | R | R | R | R | R | G | Υ | R | FR |
| RA | MP | | NB - | | | | | G | Υ | R | R | R | R | R | R | R | R | R | R | FY |
| | | | | | | | | | | | | | | | | | | | | |
| CR | OSSWALK | | | | | | W/ FDW | DW | DW | W | | | | | | I | | DW | OFF | |
| CR | OSSV | VALK | | - | | - | | DW | DW | DW | W | FDW | DW | DW | DW | DW | W/ FDW | DW | DW | OFF |
| CR | OSSV | VALK | | - | | <u>-</u> | | DW | DW | DW | W | FDW | DW | DW | DW | DW | DW | DW | DW | OFF |
| ļ | | | | | | | TIMIN | G IN | SEC | OND | S | v | | | | | | | | |
| MIN | VIMU | M GRE | EN | | | | | 8 | | | ı | | | 8 | | | 8 | | | |
| EX | TENS | ION | | | | | | 2 | | | - | | | 2 | | | 2 | | | |
| MA | XIMU | M #1/ | #2 GF | REEN | | | | -/- | | | - | | | - | | | 1 | | | |
| YE | LLOW | / CLE | ARAN | ICE | | | | | 3 | | | | | | 3 | | | 3 | | |
| RE | RED CLEARANCE | | | | | | | | | 3 | | | 1 | | | 3 | | | 3 | |
| WA | WALK INTERVAL | | | | | | | 7 | | | 7 | | | | | | 7 | | | |
| PE | EDESTRIAN CLEARANCE | | | | | | | 3 | | | | 17 | | ` | | | 2 | | | |
| | 47.10.D.V | | | | | | | | | | | | | | | | | | | |
| ME | EMORY | | | | | | | | - | | | - | | | - | | | - | | |
| | ECALL | | | | | | | | MAX | | | OFF | | | OFF | | | MIN | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| | | | | | <u> </u> | 10-00 | 100/ |
|-------|--------------|-------------|----|----|----------|-------|--------------------|
| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | Ø4 | HOURS OF OPERATION |
| 1 | 90 | 16 | 26 | 25 | 15 | 24 | - |
| 2 | 100 | 99 | 21 | 25 | 15 | 39 | - |
| 3 | 100 | 16 | 31 | 25 | 15 | 29 | - |
| FLAS | SH OPERATION | - | - | • | - | - | - |

LOCATION: North Street and Surface Road DATE:

INTERSECTION No.: 7000 DATE FIRST IN SERVICE:

SECTION No.: GC

EXISTING CONDITIONS

| CLE | ARANCE | | | | *** | _ | PED DVANO | `= | | | | | _ |
|---------------|-----------|---------------|-----------|-----|-----|----|--------------|-------|-----------|------------|----|--|--------------------|
| G G G R | R - Y - R | TO - W DW DW | 7 | | 7 | 1 | 11 | ↓ I.V | 7 | ↓ ↓ | | | FLASH OPERATION |
| STREET | DIR | FACE | | Ø1 | | | Ø2* | | | Ø3 | | | |
| NORTH ST | EB | | G | Υ | R | R | | | R | R | R | | FY |
| NORTH ST | WB | - | G | Υ | R | R | | | R | R | R | | FY |
| SURFACE ROAL | SB | - | R | R | R | R | | | G | Υ | R | | FR |
| | | - | | | | | | | | | | | |
| CROSSWALK | - | | W/ FDW | DW | DW | DW | | | | DW | DW | | OFF |
| CROSSWALK | | - | DW | DW | DW | W | | | W/ FDW | DW | DW | | OFF |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | TIMIN | G IN | SEC | OND | S | | | | | , | | |
| MINIMUM GREE | N | | 10 | | | - | | | 10 | | | | |
| EXTENSION | | | 2 | | | - | | | 2 | | | | |
| MAXIMUM #1/#2 | GREEN | | -/- | | | - | | | -/- | | | | |
| YELLOW CLEAR | ANCE | | | 3 | | | | | | 3 | | | |
| RED CLEARANC | E | | | | 2 | | | | | | 1 | | |
| WALK INTERVAL | • | | 30 | | | 4 | | | 7 | | | | |
| PEDESTRIAN CL | EARAN(| CE | 1 | | | | | | 6 | | | | |
| | | | | | | | | | | | | | |
| MEMORY | EMORY | | | | | | - | | | - | | | |
| RECALL | ECALL | | | | | | OFF | | | OFF | | | |

*Ø2 PED RECALL FROM 7AM - 8PM. OTHERWISE, PUSH-BUTTON ACTUATED MAX. #2 DURING COORDINATED OPERATION

| CYCLE | | OFFSET | Ø1 | Ø3 | | HOURS OF OPERATION |
|-------|--------------|--------|----|----|--|--------------------|
| 1 | 90 | 5 | 45 | 45 | | - |
| 2 | 90 | 60 | 64 | 26 | | - |
| 3 | 100 | 25 | 60 | 40 | | - |
| FLAS | SH OPERATION | - | - | - | | - |

LOCATION: North Street and Cross Street DATE:

INTERSECTION No.: 1961

DATE FIRST IN SERVICE:

SECTION No.: GC

EXISTING CONDITIONS

| | CL | EAR, | ANCE | TABLE | : | | | | | | | | | | · | | | |
|-------------|-----------------------------------|-------|------|----------|------|-----------|-----|-----|-----|-----|----------|----|-----------|----|----|-------|---|--------------------|
| W DW DW | G G - - - | R Y R | | TO | W | DW FDW DW | 1 | T | | 五 | | • | <u> </u> | † | | | | FLASH OPERATION |
| STF | REET | | DIR | | FACE | | | Ø1 | | | Ø2* | | | Ø5 | | | | |
| RAMP | | | EB | | _ | | G | Υ | R | R | R | R | R | R | R | | i | FY |
| CROSS | STRE | ET | NB | | - | | R | R | R | R | R | R | G | Υ | R | | | FR |
| | CROSSWALK | | | | | | | | | | | | | | | | | |
| CROSSV | VALK | | - | | - | | DW | DW | DW | W | FDW | DW | W/ FDW | DW | DW | | | OFF |
| CROSSV | VALK | | - | | - | ag | DW | DW | DW | W | FDW | DW | DW | DW | DW | | | OFF |
| | | | | | | | | | | | 1 | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | <u> </u> | | | | | | | | | | | | | | |
| | 4.005 | | | | | TIMIN | | SEC | OND | S | <u> </u> | | _ | | | | | |
| MINIMUN | | :EN | | | | | 8 | | | - | | | 8 | | | | | |
| EXTENS | | 40.05 | | | | | 2 | | | - | | | 2 | | | | | |
| MAXIMU | | | | | | | -/- | 3 | | | | | -/- | • | | | | |
| | ELLOW CLEARANCE | | | | | | | 3 | 2 | | | 1 | | 3 | 2 | - | | |
| | RED CLEARANCE VALK INTERVAL | | | | | | | | 7 | | 1 | 7 | | | | | | |
| | EDESTRIAN CLEARANCE | | | | | | | | 10 | | 3 | | | : | | | | |
| | EDESTRIAN CLEARANCE | | | | | | | | | | 10 | | | | | | | |
| MEMOR' | EMORY | | | | | | | _ | | | _ | | | _ | | | | |
| RECALL | | | | | | | MAX | | | OFF | | | OFF | | | | | |
| *CO DED E | DED RECALL FROM TAM ADDM OTHERWAS | | | | | | I | | | | | | | | | | | |

*Ø2 PED RECALL FROM 7AM - 10PM. OTHERWISE, PUSH-BUTTON ACTUATED MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø5 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|--------------------|
| 1 | 90 | 55 | 27 | 18 | 45 | - |
| 2 | 100 | 50 | 47 | 18 | 35 | - |
| 3 | 100 | 43 | 37 | 18 | 45 | - |
| FLAS | SH OPERATION | - | - | - | _ | ~ |

LOCATION: Hanover Street and Surface Road DATE:

INTERSECTION No.: 4101 DATE FIRST IN SERVICE:

SECTION No.: GC

EXISTING CONDITIONS

| | | CL | .EAR | ANCE | TABLE | | | | 41 4 | • | | 니 Ի | | | 시ト | | | PED | | |
|------|-----------------------------|-----------------------|-------|------|-------|------|-----------|--|----------------------|-----|-----------|------------|-----|-----------|----|-----|-----|-------|---|--------------------|
| FROM | G R - - W DW | G G - - - | R Y R | | TO | W | DW FDW DW | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | ** | | ₹ . | | 7 | 7 | | + | ₹ ; | DVANC | | FLASH OPERATION |
| | STF | REET | | DIR | | FACE | · · · | | Ø1 | | | Ø5 | | | Ø6 | | | | | |
| HΑ | NOVE | ER ST | | EB | | - | | R | R | R | R | R | R | G | Υ | R | R | | | FR |
| HA | NOVE | R ST | | WB | | - | | R | R | R | G | Υ | R | G | Υ | R | R | | | FR |
| HA | NOVE | ER ST | | WB | | - | | R | R | R | GL | YL | R | G | Υ | R | R | | | FR |
| SL | RFAC | E RO | AD | SB | | - | | G | Υ | R | R | R | R | R | R | R | R | | | FY |
| | | | | | | | | | | | | | | | | | | | | |
| CF | ROSSV | VALK | | - | | _ | | | | | | DW | | | | | i | | | OFF |
| CF | ROSSV | VALK | | - | | - | | DW | DW | DW | W/ FDW | DW | DW | W/ FDW | DW | DW | W | | | OFF |
| CF | ROSSV | VALK | | - | | - | | DW | DW | DW | DW | DW | DW | W/ FDW | DW | DW | W | | | OFF |
| | | | | | , | | TIMIN | G IN | SEC | OND | S | | | | | | | | _ | |
| MII | NIMUN | И GRE | EN | | | | | 10 | | | - | | | 10 | | | - | | | |
| EX | TENS | ION | | | | | | 2 | | | - | | | 2 | | | - | | | |
| MA | XIMU | M #1/# | #2 GF | REEN | | | | -/- | | | - | | | - | | | - | | | |
| YE | LLOW | / CLE | ARAN | ICE | | | | | 3 | | | 3 | | | 3 | | | | | |
| RE | RED CLEARANCE | | | | | | 2 | | | 2 | | _ | 2 | | | | | | | |
| WA | WALK INTERVAL | | | | 14 | | | 10 | | | 14 | | | 4 | | | | | | |
| PE | EDESTRIAN CLEARANCE | | | | 8 | | | | | | 1 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| ME | EMORY | | | | | | - | | | - | | | - | | | - | | | | |
| RE | ECALL | | | | | | MAX | | | MAX | | | MAX | | | MAX | | | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | 1 | Ø1 | Ø5 | Ø6 | HOURS OF OPERATION |
|-------|-----------------|----|----|----|----|--------------------|
| 1 | 90 | 25 | 51 | 15 | 24 | - |
| 2 | 100 | 35 | 51 | 25 | 24 | - |
| 3 | 100 | 35 | 61 | 15 | 24 | - |
| FLAS | FLASH OPERATION | | - | - | - | - |

LOCATION: Hanover Street and Cross Street DATE:

DATE FIRST IN SERVICE:

SECTION No.: GC

INTERSECTION No.: 4096

EXISTING CONDITIONS

| CLE | EAR | ANCE | TABLE | | | | | | | | | | • | T _ |
|----------------|-----------------------|------|---|-----------|-----------|----------|-----|---------------|--------|---------|----------|---------|---|--------------------|
| G G G R | R Y R - - | | TO | DW FDW DW | <u></u> | * | | - <u>ب</u> | หา | - 1 | | | ÷ | FLASH OPERATION |
| STREET | | DIR | FACE | | | Ø1 | | | Ø5 | | | | | |
| HANOVER ST | | EB | _ | | R | R | R | G | Υ | R | | | | FR |
| HANOVER ST | | WB | - | | R | R | R | G | Υ | R | | | | FR |
| CROSS STREE | T | NB | - | | G | Υ | R | R | R | R | | | | FY |
| CROSSWALK | | - | - | | W/ FDW | DW | DW | | | DW | | | | OFF |
| CROSSWALK | | - | _ | | DW | DW | DW | W/ FDW | DW | DW | | \perp | - | OFF |
| | | | | | | - | | | | | | + | | |
| | | | | ΓΙΜΙΝ | G IN | SEC | OND | S | | <u></u> | <u> </u> | | | |
| MINIMUM GRE | EN | | | • | 8 | | | 8 | | | | | | 1 |
| EXTENSION | | | | | 2 | | | 2 | | | | | | |
| MAXIMUM #1/# | 2 GF | REEN | | | -/- | | | • | | | | | | |
| YELLOW CLEA | RAN | CE | | | | 3 | | | 3 | | | | | |
| RED CLEARAN | CE | | | | | | 2 | | | 2 | | | | |
| WALK INTERVA | AL_ | | | | 15 | | | 8 | | | | | | |
| PEDESTRIAN C | CLEA | RANC | <u>;E </u> | | 7 | | | 7 | | | | | | - |
| MEMORY | MEMORY | | | | | - | | | - | | | | | |
| RECALL | ECALL | | | | | MAX | | | OFF | 1 | | | | 1 |
| *Ø2 PED RECALL | | | | | PUSH | -BUT | TON | ACTL | JATEI |) | | | - | |

*Ø2 PED RECALL FROM 7AM - 8PM. OTHERWISE, PUSH-BUTTON ACTUATED MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø5 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|--------------------|
| 1 | 90 | 20 | 50 | 40 | - |
| 2 | 100 | 30 | 55 | 45 | - |
| 3 | 100 | 23 | 55 | 45 | - |
| FLAS | SH OPERATION | - | - | - | - |

LOCATION: New Sudbury Street and Surface Artery SB DATE:

INTERSECTION No.: 4016

DATE FIRST IN SERVICE:

SECTION No.: GC

EXISTING CONDITIONS

| | CL | .EAR | ANCE | TABLE | | | | 14 | | | 1 & | | | 11 | | | | |
|---------|---------------------|-------------|----------|-------|------|--------|---------------|----------|-------------|-----|--------|----------|-------------|----------|-------------|---|------|--------------------|
| FROM | G G - | R Y R | - | TO | W | DW FDW | ; → | , 1b | 1 → → | | - \$\$ | † | 7.11 | 41 | ı | | | FLASH OPERATION |
| DW | | <u> </u> | <u> </u> | | - | DW | ļ | | | | | | | | | | | |
| | REET | | DIR | | FACE | | | Ø1 | 1 | | Ø3 | , | | Ø4 | | | | |
| NEW SU | IDBUR | RY | EB | | - | | G | Y | R | R | R | R | R | R | R | | | FY |
| SASB | | | SB | | - | | R | R | R | G | Υ | R | R | R | R | | | FR |
| MBTA D | RIVEV | VAY | SB | | - | | R | R | R | R | R | R | G | Υ | R | | | FR |
| | | | | | | | W/ | | | | | | | | | | | |
| CROSSV | | | - | | - | | FDW | | | | L | DW | | | | | | OFF |
| CROSSV | VALK | | - | | | | DW | DW | DW | FDW | DW | DW | DW | DW | DW | | | OFF |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | ļ | | | | | | | | | | | |
| | | | | | | TIMIN | | SEC | OND | S | | | | | | | | |
| MINIMUN | M GRE | EN | | | | | 10 | | | 10 | | | 6 | | | | | |
| EXTENS | ION | | | | | | 2 | | | 2 | | | 2 | | | | | |
| MAXIMU | M #1/# | #2 GF | REEN | · | | | -/- | | | -/- | | | -/- | | | - | | |
| YELLOW | / CLE/ | ARAN | CE | | | | | 3 | | | 3 | | | 3 | | | | |
| RED CLE | EARAN | NCE | | | | | | | 2 | | | 2 | | | 1 | | | |
| WALK IN | ITERV | AL | | | | | 8 | | | 8 | | | | | | | | |
| PEDEST | EDESTRIAN CLEARANCE | | | | 8 | | | 9 | | | | | | | | | | |
| MEMOD | EMORY | | | | | | | | | | | | | | | | | |
| | | | | | | · | | - | | | - | | | <u>-</u> | | | | |
| RECALL | CALL | | | | | | | MAX | | | MAX | | + | OFF | | | | |

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø3 | Ø4 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|--------------------|
| 1 | 90 | 56 | 52 | 22 | 16 | - |
| 2 | 100 | 0 | 41 | 42 | 17 | - |
| 3 | 100 | 67 | 61 | 22 | 17 | - |
| FLAS | SH OPERATION | - | - | _ | - | - |

LOCATION: New Sudbury Street and Cross Street DATE:

INTERSECTION No.: 4094

DATE FIRST IN SERVICE:

SECTION No.: GC

EXISTING CONDITIONS

| CLEA | RANCE | TABLE | | | | | | | | | | | | |
|---|---------------------------|------------------|-------------|----------|-----|-------------|------------------|-------|-----------|-----------|----|---|--|--------------------|
| B DW - DW - DW - DW - DW - DW - DW - DW | R - Y - R - | TO - W DW DW DW | ر ا ا | ПП ПП | ÷ | 9 | ππ ††† | | アプ・ | †† | | į | | FLASH OPERATION |
| STREET | DIR | FACE | | Ø1 | | | Ø2* | | | Ø5 | | | | |
| NEW SUDBURY | EB | - | G | Υ | R | G | Υ | R | R | R | R | | | FY |
| CROSS STREET | NB | - | R | R | R | R | R | R | G | Υ | R | | | FR |
| CROSS STREET | ROSS STREET NB - | | | R | R | G | Υ | R | G | Υ | R | | | FR |
| | | | | | | | | | | | | | | |
| CROSSWALK | - | - | W/ FDW | DW | DW | DW | DW | DW | | DW | DW | | | OFF |
| CROSSWALK | - | - | DW | DW | DW | DW | DW | DW | W/ FDW | DW | DW | | | OFF |
| | <u> </u> | | | | | ļ | | | | | | - | | |
| | | | | | | | | | | | | | | |
| | | ТІМІІ | NG IN | SEC | OND | S | | ····· | | | · | | | |
| MINIMUM GREEN | | | 10 | ļ | | 4 | | | 10 | | | | | |
| EXTENSION | | | 2 | | | 2 | | | 2 | | | | | |
| MAXIMUM #1/#2 | GREEN | | -/- | | | - /- | | | -/- | | | | | |
| YELLOW CLEAR | NCE | | | 3 | | | 3 | | | 3 | | | | |
| RED CLEARANC | RED CLEARANCE | | | | 3 | | | 1 | | | 3 | | | |
| WALK INTERVAL | VALK INTERVAL | | | | | | | | 8 | | | | | |
| PEDESTRIAN CL | EDESTRIAN CLEARANCE | | | | | | | | 8 | | | | | |
| | FNODY | | | | | | | | | | | | | |
| MEMORY | | | | | | | - | | | - | | | | |
| RECALL | ECALL | | | | | | OFF | | | OFF | | | | |

*Ø2 PED RECALL FROM 7AM - 8PM. OTHERWISE, PUSH-BUTTON ACTUATED MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø5 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|--------------------|
| 1 | 90 | 70 | 40 | 8 | 42 | - |
| 2 | 100 | 90 | 40 | 8 | 52 | - |
| 3 | 100 | 85 | 40 | 8 | 52 | - |
| FLAS | SH OPERATION | - | - | - | - | - |

DATE: _____

LOCATION: New Chardon Street and North Washington Street

INTERSECTION No.: 1862 DATE FIRST IN SERVICE:____

SECTION No.: GC

EXISTING CONDITIONS

| CLEAF | CLEARANCE TABLE TO | | | | | | I.I. | | | | | | | |
|---------------------|---------------------|--------|-------------|-----|-----|---|----------|-----|------------|-------------|----|--|---|--------------------|
| G R G G Y R - R O W | - | TO | ₩ ₩ ₩ | | 44 | | 747 7 | 7.7 | √ ₩ 11: | ₹ - | 77 | | | FLASH OPERATION |
| STREET | DIR | FACE | _ | Ø1 | | | Ø2* | | | Ø5 | | | , | |
| NEW CHARDON | EB | - | G | Υ | R | R | R | R | R | R | R | | | FY |
| RAMP | WB | - | G | Υ | R | R | R | R | R | R | R | | | FY |
| N. WASHINGTON | SB | - | R | R | R | R | R | R | G | Υ | R | | | FR |
| NEW CHARDON | EB | - | G | Υ | R | R | R | R | R | R | R | | | FY |
| NEW CHARDON | WB | - | G | Υ | R | R | R | R | G | Υ | R | | | FY |
| | | | | | | | | | | | | | | |
| CROSSWALK | - | - | DW | DW | DW | W | | DW | | DW | DW | | | OFF |
| CROSSWALK | | | DW | DW | DW | W | FDW | DW | W/ FDW | DW | DW | | | OFF |
| | | TIMINO | G IN | SEC | OND | S | | | | | | | | |
| MINIMUM GREEN | · | - | 8 | | | - | | | 8 | | | | | |
| EXTENSION | , | | 2 | | | - | | | 2 | | | | Ŀ | |
| MAXIMUM #1/#2 G | REEN | | -/- | | | - | | | -/- | | | | | |
| YELLOW CLEARA | NCE | | | 3 | | | | | | 3 | | | | |
| RED CLEARANCE | | | | | 3 | | | 1 | | | 4 | | | |
| WALK INTERVAL | | | | | | 7 | | | 5 | | | | | |
| | EDESTRIAN CLEARANCE | | | -1. | | | 12 | | 11 | | | | | |
| MEMORY | | | | - | | | - | | | - | | | | |
| RECALL | CALL | | | MAX | | | OFF | | | OFF | | | | |
| | | | | | | | | | | | | | | |

*Ø2 PED RECALL FROM 7AM - 3PM. OTHERWISE, PUSH-BUTTON ACTUATED

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | | | Ø1 | Ø2 | Ø5 | HOURS OF OPERATION |
|-------|--------------|--|----|-------------|----|----------------------|
| 4 | | | • | | | TIOUNS OF OF ENATION |
| 1 | 90 | 15 | 35 | 20 | 35 | - |
| 2 | 100 | 7 | 30 | 20 | 50 | - |
| 3 | 100 | 46 | 35 | 20 | 45 | - |
| FLAS | SH OPERATION | - | - | _ | - | - |

LOCATION: Cooper Street Street and Cross Street and Ramp ST-SA DATE:

INTERSECTION No.: 34

DATE FIRST IN SERVICE:

SECTION No.: GC

EXISTING CONDITIONS

| | CLEARANCE TABLE | | | | | | | | | | | | | | | | | |
|-----------|-----------------|--------|------|------|--------|----------|---------------------------------------|-----------------|-----|-----------|-----|----------|-----------|----|----|---|---|--|
| | G | R | T _ | TO - | Tw | DW |] | | | | | | | | | | | FLASH OPERATION |
| G | G | Υ | - | - | - | - | | | 1 | | | K | - | | • | | | FLASH |
| FROM - B | - | R - | - | - | - | - | - | | | | | | | | | | | I - - - - - - - - - - - - - - - - - - - |
| W W | - | - | - | - | - W | - FDW | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | <i>></i> \ \ | | 1 | | 11 -3 | | え | | | ᆼ | |
| DW | DW DV | | | DW | // | | | // | | | // | | | | | | | |
| STRE | ET | | DIR | | FACE | | | Ø1 | | | Ø2* | V | | Ø5 | | | | |
| COOPER S | ST | | WB | | - | | R | R | R | G | Υ | R | R | R | R | , | | FR |
| RAMP | | | NB | | - | | R | R | R | R | R | R | G | Υ | R | | | FR |
| CROSS ST | | | NB | | _ | | G | Υ | R | R | R | R | R | R | R | | | FY |
| | | | | | | | | | | | | | | | | | | |
| CROSSWA | ALK | | - | | - | | W/ FDW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | | - | OFF |
| CROSSWA | ALK | | - | | - | | W/ FDW | DW | DW | | DW | DW | W/ FDW | DW | DW | | | OFF |
| CROSSWA | \LK | | - | | - | | DW | DW | DW | W/ FDW | DW | DW | W/ FDW | DW | DW | | | OFF |
| | | | | | | | | | | | | | | | | | | |
| | | | | | • | TIMIN | G IN | SEC | OND | S | | | | | | | | |
| MINIMUM (| GRE | EN | | | | | 8 | | | 8 | | | 8 | | | | | |
| EXTENSIO | N | | | | | | 2 | | | 2 | | | 2 | | | | | |
| MAXIMUM | #1/# | 2 GF | REEN | | | | -/- | | | 1 | | | -/- | | | | | |
| YELLOW C | LEA | RAN | ICE | | | | | 3 | | | 3 | | | 3 | | | | |
| RED CLEA | RAN | ICE | | | | | | | 2 | | | 2 | | | 3 | | | |
| WALK INTE | ERV | ٩L | | | | | 7 | | | 7 | | | 7 | | | | | |
| PEDESTRI | AN C | CLEA | RANC | E | | | 3 | | | 3 | | | 3 | | | | | |
| | | | | | | | | | | | | | | | | | | |
| MEMORY | MEMORY | | | | | | - | | _ | | | - | | | | | | |
| RECALL | RECALL | | | | | MAX | | | OFF | | | OFF | | | | | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø5 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|--------------------|
| 1 | 90 | 17 | 55 | 15 | 20 | - |
| 2 | 100 | 7 | 57 | 14 | 29 | - |
| 3 | 100 | 43 | 53 | 15 | 32 | - |
| FLAS | SH OPERATION | - | | - | - | - |

LOCATION: North Washington Street and Beverly Street

INTERSECTION No.: 4120

DATE: ______

DATE FIRST IN SERVICE:

SECTION No.: GC

EXISTING CONDITIONS

| CLEARANCE TABLE | | | | | |] > | | /. | | \ \ \ | ′// | | | | | _ | |
|-------------------------------|-----------------------|------------------|------|----|-------------|-----------|--|----------|-----|--------------|----------|---------------------------------------|------------|-------------|------|---|-------|
| FROM DW G | G G - - - | R Y R - | | TO | - W W | DW FDW DW | \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ | , | 44 | | | , , , , , , , , , , , , , , , , , , , | | | | | FLASH |
| STF | REET | | DIR | | FACE | | | Ø1 | | | Ø5 | | | | | | |
| BEVERL | Y ST | | EB | | - | | R | R | R | G | Υ | R | | | | | FR |
| N. WASH | HINGT | ON | SB | | - | <u></u> | G | Y | R | R | R | R | | | | | FY |
| CROSSV | VALK | | - | | - | | W/ FDW | DW | DW | DW | DW | DW | | | | | OFF |
| CROSSV | VALK | | - | | | | DW | DW | DW | W/ FDW | DW | DW | | | | | OFF |
| | | | | | | | | | | | | | | | | | |
| | | | | | <u>.</u> | | ļ | | | | | | <u>-</u> . | | | | |
| | | | | | | TIMIN | G IN | SEC | OND | <u> </u> | | | | İ | | | |
| MINIMUN | M GRE | EN | | | | | 8 | | | 8 | | | | | | | |
| EXTENS | ION | | _ | | | | 2 | | | 2 | | | | | | | |
| MAXIMU | M #1/ | #2 GF | REEN | | | | -/- | | | - | | | | | | | |
| YELLOW | / CLE/ | ARAN | CE | | | | | 3 | | | 3 | | | | | | |
| RED CLE | EARAN | NCE | | | | | | | 2 | | | 2 | | | | | |
| WALK IN | TERV | 'AL | | | | | 7 | | | 7 | | | | | | | |
| PEDEST | RIAN | CLEA | RANC | E | | | 9 | | | 13 | | | | | | | |
| MEMORY | MEMORY | | | | | | | <u>_</u> | | | | | | | | | |
| RECALL | | | | | | | | - MAX | | | - OFF | | | | | - | |
| *Ø2 PUSH-BUTTON ACTUATED ONLY | | | | | | | | IVIAA | | • | UFF | L | | | | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø5 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|--------------------|
| 1 | 90 | 65 | 33 | 57 | - |
| 2 | 100 | 57 | 43 | 57 | - |
| 3 | 100 | 4 | 52 | 48 | - |
| FLAS | SH OPERATION | - | - | - | - |

LOCATION: Valenti Street and North Washington Street DATE:

INTERSECTION No.: 332

DATE FIRST IN SERVICE:

SECTION No.: GC

EXISTING CONDITIONS

| | CLEARANCE TABLE | | | | | - | -111- | | | 4114 | | | | | | | _ |
|-----------|-----------------------|-----------------------|-------|-----------|-----------------|-----------|-------|-----|-------------|---------|----------|-----------|---|---|------|-----------|--------------------|
| FROM G | G G - - - | R Y R - - | | | W DW W FDW - DW | | | 11- | - | | - | | | | | • | FLASH OPERATION |
| ST | REET | | DIR | FA | CE | | Ø1 | | | Ø5 | | | | | | | |
| N. WAS | HINGT | ON | NB | | | G | Υ | R | R | R | R | | | | | | FY |
| N. WAS | HINGT | ON | NB | | | R | R | R | GL | GL | R | | | | | | FY |
| N. WAS | HINGT | ON | SB | <u> </u> | | G | Y | R | R | R | R | | | | | | FY |
| CROSS | WALK | | - | - | | W/ FDW | DW | DW | DW | DW | DW | · <u></u> | _ | | | | OFF |
| CROSS | WALK | | - | • | | DW | DW | DW | W/ FDW | DW | DW | | | | | | OFF |
| | | | | | | | | | | | | | | | | | |
| | | | | | TIMIN | G IN | SEC | OND | S | | | | | | | | |
| MINIMU | M GRE | EN | | | | 10 | | | 8 | | | | | | | | |
| EXTENS | SION | | | | | 2 | | | 2 | | | | | | | | |
| MAXIMU | JM #1/# | #2 GF | REEN | | | -/- | | | - /- | | | | | | | | |
| YELLOV | V CLEA | ARAN | ICE | | | | 3 | | | 3 | | | | | | | |
| RED CL | EARAN | ICE_ | | | | | | 2 | | | 2 | | | | | | |
| WALK IN | ITERV | AL | | | | 7 | | | 7 | | | | | | | | |
| PEDEST | RIAN | CLEA | RANC | E | | 13 | | | 14 | | | | | · | | | |
| MEMOR | 1EMORY | | | | | | - | | | | | | | | | | |
| RECALL | RECALL | | | | | MAX | | | OFF | | | | | | | | |
| MAX. #2 [| DURING | COC | RDINA | TED OPERA | ATION | • | | | | | L | | | | | <u> l</u> | |

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø5 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|--------------------|
| 1 | 90 | 34 | 64 | 26 | - |
| 2 | 100 | 26 | 74 | 26 | - |
| 3 | 100 | 68 | 74 | 26 | - |
| FLAS | SH OPERATION | - | _ | - | - |

LOCATION: Congress Street and Atlantic Avenue DATE:

INTERSECTION No.: 3056

DATE FIRST IN SERVICE:

SECTION No.: 13

EXISTING CONDITIONS

| | CLEARANCE TABLE | | | | | | | | | | | | | | | | | | | |
|---------------|----------------------|--------|-------|------|------|--------|----------------|-----------|-----------------------|-----|------------------|----------|---------------------|----------|-----------|-----|----------------|------------|---------------------|--------------------|
| | G | G | R | - | TO - | W | DW | ا ر | <i>z</i> t | | | - | - ح ح | ٠ | | てて | | | 7 7 | FLASH OPERATION |
| 2 | R - | - | R | | - | | - | → | | | ファ ナ | | τ | <i>•</i> | | 7 | プ コ | | ١ | LASH |
| FROM | w | - | - | - | - | - W | - FDW | | TIT | | | III | | | III | | | † 4 | \ | P P |
| | DW DW | | | | _ | ~4 | | - | | | | | - | | | | | | | |
| | | | | DIR | | FACE | | | Ø1 | Γ_ | | Ø2 | I | | Ø3 | T | | Ø4 | т | _ |
| | | ESS S | | EB | | | | G | Y | R | G | Υ | R | G | Υ | R | R | R | R | FY |
| - | | ESS S | | EB | | - | | R | R | R | R | R | R | GL | GL | R | R | R | R | FY |
| CC | NGRI | ESS S | Т | WB | | _ | | GR | YR | R | R | R | R | R | R | R | R | R | R | FY |
| AT | LANT | IC AVI | Ξ | NB | | - | | R | R | R | R | R | R | R | R | R | G | Υ | R | FR |
| | | | | | | | | | | | | | | | | | | | | |
| CR | OSSV | VALK | | - | | - | | W/ FDW | DW | DW | W/ FDW | | | | | 1 | | 1 | 1 | OFF |
| CR | ossv | VALK | | - | | - | | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | DW | DW | DW | OFF |
| CR | OSSV | VALK | | - | | _ | | DW | DW | DW | DW | DW | DW | DW | DW | DW | W/ FDW | DW | DW | OFF |
| | | | | | | | TIMIN | G IN | SEC | OND | S | | | | | | | | | |
| MIN | NIMUN | / GRE | EN | | | | _ | 12 | | | 8 | | | 12 | | | 12 | | | |
| EX | TENS | ION | | | | | | 2 | | | 2 | | | 2 | | | 2 | | | |
| MA | XIMU | M #1/# | #2 GF | REEN | | | | -/- | | | -/- | | | -/- | | | -/- | | | |
| YE | LLOW | CLEA | ARAN | ICE | | | | | 3 | | | 2 | | | 3 | | | 3 | | |
| RE | RED CLEARANCE | | | | | | | | 1 | | | 1 | | | 1 | | | 1 | | |
| WALK INTERVAL | | | | | | 7 | | | 7 | | | | | | 7 | | | | | |
| PE | PEDESTRIAN CLEARANCE | | | | | | 8 | | | 8 | | | | | | 8 | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| ME | MEMORY | | | | | | | - | | | - | | - | | | - | | | | |
| RE | RECALL | | | | | | MAX | | | OFF | | | OFF | | | OFF | | | | |

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | Ø4 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|------------|--------------------|
| 1 | 90 | 43 | 21 | 18 | 25 | 26 | - |
| 2 | 100 | 60 | 21 | 18 | 31 | 30 | - |
| 3 | 100 | 34 | 21 | 18 | 30 | 31 | - |
| FLAS | SH OPERATION | - | _ | - | _ | · - | - |

LOCATION: Summer Street and Atlantic Avenue DATE:

INTERSECTION No.: 43 DATE FIRST IN SERVICE:

SECTION No.: 11

EXISTING CONDITIONS

| | CLEARANCE TABLE TO G R W I | | | | | | | | | | | | | | | | | | |
|---------|-----------------------------|-------|------|------|----------|-----------|------|-------|-----------------|----|-----|----------------|-----------|----------|----|--------------|-----|-------------------|--------------------|
| G | G | R | - | TO - | W - | DW - | | | ±± | • | • | Z = - | | | Z; | | | Z ⊒ | FLASH OPERATION |
| R R | - | R | - | - | - | - | = | | | 그 | | - | 占 | | | * | | | |
| | - | - | - | - | - | - | 1 1 | ' | <u>+</u> ∏[~ | | | ∏7~ | | 4 | 1- | | ۲ | <u>→</u> 1117~ | H G |
| DW | - | - | - | - | - - | FDW DW | | _ | 1117 | | | 1117 | | 1 1 | 17 | | | 1117 | |
| STF | REET | | DIR | I | FACE | | | Ø1 | | | Ø2 | | | Ø3 | | | Ø4 | | |
| SUMME | R ST | | EB | | _ | | G | Υ | R | R | R | R | R | R | R | G | Υ | R | FY |
| SUMME | R ST | | EB | | - | | G | Υ | R | R | R | R | R | R | R | GL | YL | R | FY |
| SUMME | UMMER ST WB - | | | | | | G | Υ | R | R | R | R | R | R | R | R | R | R | FY |
| ATLANT | TLANTIC AVE NB - | | | | | | R | R | R | R | R | R | G | Υ | R | R | R | R | FR |
| | | | | | | | | | | | | | | | | | | | |
| CROSSV | NALK | | | | | | | DW | DW | W | FDW | DW | DW | DW | DW | W/ FDW | DW | DW | OFF |
| CROSSV | NALK | | - | | _ | | 1 | | DW | W | FDW | DW | W/ FDW | DW | DW | DW | DW | DW | OFF |
| CROSSV | NALK | | - | | _ | | DW | DW | DW | W | FDW | DW | DW | DW | DW | DW | DW | DW | OFF |
| | | | | | <u>-</u> | TIMIN | G IN | SEC | OND | S | | | | | | | | | |
| MINIMUN | M GRE | EN | | | | | 9 | | | - | | | 19 | | | 5 | | | |
| EXTENS | ION | | | | | | 2 | | , | • | | | 2 | | | 2 | | | |
| MAXIMU | M #1/# | ‡2 GF | REEN | | | | -/- | | | | | | - | | | - | | | |
| YELLOW | / CLEA | RAN | ICE | | | | | 3 | | | | | | 3 | | | 2 | | |
| RED CLE | RED CLEARANCE | | | | | | | | 2 | | | 1 | | | 2 | | | 1 | |
| WALK IN | WALK INTERVAL | | | | | | 10 | | | 12 | | | 7 | | | 5 | | | : |
| PEDEST | PEDESTRIAN CLEARANCE | | | | | | | | | | 14 | | 12 | | | | | | |
| | | | | | | | | | | | | | ¥ | | | | | | |
| MEMOR' | MEMORY | | | | | | | - | | | - | | | - | | | | | |
| RECALL | | | | | | | | MAX | | | OFF | | | OFF | | | OFF | | |

*Ø2 PED RECALL FROM 7AM - 8PM. OTHERWISE, PUSH-BUTTON ACTUATED MAX. #2 DURING COORDINATED OPERATION

| — | | יון באווטאכ | OIN HAL OI | MALIOIA | (TIMES I | IN OFFICE | 103) |
|----------|--------------|-------------|------------|---------|----------|-----------|--------------------|
| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | Ø4 | HOURS OF OPERATION |
| 1 | 90 | 55 | 27 | 27 | 28 | 8 | - |
| 2 | 100 | 32 | 27 | 27 | 38 | 8 | - |
| 3 | 100 | 19 | 30 | 27 | 35 | 8 | - |
| FLAS | SH OPERATION | - | - | - | - | _ | - |

LOCATION: Essex Street and Atlantic Avenue DATE: _____

INTERSECTION No.: 45

DATE FIRST IN SERVICE:

SECTION No.: 11

EXISTING CONDITIONS

| | | CI | _EA | RA | NCE | TΑ | BLE | | | | | | | | | | | | | | |
|------|--------------------------------|--------|----------|--------|-----|-------------|-----|------|-----------|------|----------|-----|-----|-----------|----------|-------------|----|----------|-----|------|--------------------|
| ,_ | | G | T . | ₹ | 1 - | TO | _ | l w | DW | 7 | | | | . | - | | | | | | _ S |
| | G R | G |] ; | Y R | - | + | - | - | - | 1_ | | | | | | | | | | | FLASH OPERATION |
| FROM | | - | _ | - | - | # | - | - | <u> </u> | 子 | | | Z (| | + | y . | | + | | | |
| | W | - | | | | # | | w | FDW DW | 1 | * | ††† | | ۲Ţ | T | | ЧI | Τ | | | ō |
| | | REET | <u> </u> | | DIR | | | FACE | | | Ø1 | | | Ø2* | | | Ø3 | | _ | | |
| ESS | SEX S | STRE | ĒΤ | 1 | EB | | | - | | R | R | R | R | R | R | GL | YL | R | | | FR |
| ATL | ANT | IC AV | E | | NB | | | - | | G | Υ | R | R | R | R | R | R | R | | | FY |
| | | | | | | | | | | | | | | | | | | | | | |
| CRC | ROSSWALK | | | | | | DW | DW | DW | W | FDW | | ı | | | | | OFF | | | |
| CRC | ossv | SSWALK | | | | | | DW | DW | DW | W | FDW | DW | W/ FDW | DW | DW | | | OFF | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | TIMIN | G IN | SEC | OND | S | | | | | | | | |
| MINI | IMUN | / GRE | EEN | | | | | | | 10 | | | 1 | | | 10 | | | | | |
| EXT | ENS | ION | | | | | | | | 2 | | | • | | | 2 | | | | | |
| MAX | (IMU | M #1/ | #2 (| 3RE | EEN | | | | | -/- | | | - | | | - /- | | | | | |
| YELI | LOW | CLE | ٩R٨ | NC | E | | | | | | 3 | | | | | | 3 | | | | |
| RED | ED CLEARANCE | | | | | | | | | 2 | | | 1 | | | 2 | | | | | |
| WAL | ALK INTERVAL | | | | | | | | | 7 | | | 7 | | | | | | | | |
| PED | PEDESTRIAN CLEARANCE | | | | | | | | | | | 10 | | 11 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| MEN | MEMORY | | | | | | - | | | - | | | | | | | | | | | |
| | ECALL TO BUTTON ACTUATED CONTY | | | | | | MAX | | | PED | | | OFF | | | | | | | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|--------------------|
| 1 | 90 | 43 | 40 | 18 | 32 | - |
| 2 | 100 | 84 | 47 | 18 | 35 | - |
| 3 | 100 | 1 | 42 | 18 | 40 | - |
| FLAS | SH OPERATION | - | - | _ | _ | - |

BOSTON TRANSPORTATION DEPARTMENT - AUTOMATIC TRAFFIC SIGNALS

OPERATION SCHEDULE LOCATION: Beach Street and Atlantic Avenue DATE: _____ DATE FIRST IN SERVICE: **INTERSECTION No.: 44** SECTION No.: 11 **EXISTING CONDITIONS CLEARANCE TABLE** DW G R R **-**111 ЧII W W FDW DW DW STREET DIR **FACE** Ø2* Ø1 ATLANTIC AVE NB Υ G R R R R FY **CROSSWALK** DW DW DW W FDW DW **OFF TIMING IN SECONDS** MINIMUM GREEN 20 **EXTENSION** MAXIMUM #1/#2 GREEN YELLOW CLEARANCE **RED CLEARANCE** 2 1 WALK INTERVAL 10 PEDESTRIAN CLEARANCE 11 **MEMORY** RECALL MAX OFF *Ø2 PED RECALL FROM 7AM - 8PM. OTHERWISE, PUSH-BUTTON ACTUATED MAX. #2 DURING COORDINATED OPERATION **COORDINATION INFORMATION (TIMES IN SECONDS)** CYCLE CYCLE LENGTH OFFSET Ø1 Ø2 **HOURS OF OPERATION** 1 90 40 66 24 2 100 50 76 24 3 100 50 76 24

FLASH OPERATION

LOCATION: Kneeland Street and Atlantic Avenue and Ramps

DATE: ____

INTERSECTION No.: 3078

DATE FIRST IN SERVICE:

| SEC. | TION | No.: | 11 |
|------|------|------|----|
| | | | |

EXISTING CONDITIONS

| | CLEARANCE TABLE | | | | | | | | | | | | | | | | | | | |
|-------------|----------------------|--------|-------|------|------|--------|-----------|--------|-------|-----|-----------|----------|----|-----------|---------|----------|-----|-----|------------|--------------------|
| | G | G | R | - | TO - | W | DW - | | | Zı | | - | 1 | | | Zı | | | 지 | FLASH OPERATION |
| FROM | R - | - | R | - | - | - | - | · 乏 | | | 五 | | | <u></u> | | . | 丢. | | į | FLASH |
| Ŗ. | W DW | - | - | - | - | - W | FDW DW | •~ | 1 - | 1 | - | 세. | ١T | ۲ | ᅰ | ٦T | - | 서 - | 5 † | _ g |
| | ST | REET | | DIR | | FACE | 1. 211 | | Ø1 | | | Ø2 | | | Ø3 | | | Ø4 | | |
| KN | EELA | ND S | Γ | EB | | - | | R | R | R | R | R | R | G | Υ | R | R | R | R | FR |
| KN | EELA | ND S | Γ | EB | | - | | R | R | R | R | R | R | GL | YL | R | R | R | R | FR |
| DR | RIVEWAY WB - | | | | | | R | R | R | G | Υ | R | R | R | R | R | R | R | FR | |
| FR | RONTAGE RD NB - | | | | | | | R | R | R | R | R | R | R | R | R | R | R | R | FY |
| RA | AMP NB - | | | | | | | G | Υ | R | R | R | R | R | R | R | G | Υ | R | FY |
| FR | AMP | | | NB | | - | | G | Υ | R | R | R | R | R | R | R | GL | YL | R | FY |
| CR | OSSV | VALK | | - | | - | | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | DW | DW | DW | OFF |
| CR | OSSV | VALK | | - | , | - | | DW | DW | DW | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | OFF |
| | | | | | | | TIMIN | 3 IN | SEC | OND | S | | | | | | | | | |
| MIN | MUN | И GRE | EN | | | | | 8 | | | 8 | | | 8 | | | 8 | | | |
| EX | TENS | ION | | | | | - | 2 | | | 2 | | | 2 | | | 2 | | | |
| MA | XIMU | M #1/# | #2 GF | REEN | | | | -/- | | | - | | | - | | | 1 | | | |
| YE | LLOW | CLEA | ARAN | ICE | | | | | 3 | | | 3 | | | 3 | | | 3 | | |
| RE | RED CLEARANCE | | | | | | | | | 3 | | | 1 | | | 1 | | | 2 | |
| WA | WALK INTERVAL | | | | | | | | | 7 | | | 7 | | | | | | | |
| PE | PEDESTRIAN CLEARANCE | | | | | | - | | | | 7 | | | 7 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | MEMORY | | | | | | - | - | | | - | | | - | | | - | | | |
| ⊢ | ECALL | | | | | | | MAX | | | OFF | | | OFF | | | OFF | | | |

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | Ø4 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|----|--------------------|
| 1 | 90 | 0 | 25 | 18 | 23 | 24 | _ |
| 2 | 100 | 46 | 19 | 18 | 30 | 33 | - |
| 3 | 100 | 35 | 26 | 18 | 23 | 33 | <u>-</u> |
| FLAS | SH OPERATION | - | - | - | - | - | - |

LOCATION: North Street and Clinton Street

DATE: _____

INTERSECTION No.: 4108

DATE FIRST IN SERVICE:

SECTION No.: GC

EXISTING CONDITIONS

| | CL | EAR | | | | | | | | | | | | | | | | |
|----------|--|-------------|------|----|--------|-----------|---------------|---------|-------------|---------------|--------------|---------|----------|------|---------------|------|----------|--------------------|
| FROM - G | G G - | R Y R | | TO | | DW |] →, | | = | | • | <u></u> | <u> </u> | | <u>7</u> ⊒ | | | FLASH OPERATION |
| W DW | - | - | - | - | - - | FDW DW | | | ΥΥ Ι | | 7 | ПΙ | | 4 | → | | | |
| STF | REET | | DIR | | FACE | | | Ø1 | | | Ø2 | | | Ø3 | | | | |
| NORTH | STRE | ΞT | ĒΒ | | - | | G | Υ | R | R | R | R | R | R | R | | | FY |
| NORTH | STRE | ΞT | WB | | - | | G | Υ | R | R | R | R | R | R | R | | | FY |
| CLINTO | N STR | EET | NB | | - | | R | R | R | R | R | R | G | Υ | R | | | FR |
| CBOSSI | DSSWALK | | | | | | w/ | DIA | D) 4 (| 14/ | | D)4/ | DIA | 5)4/ | DIA | | | |
| | | | | | | | FDW | | DW | W | ├ | DW | | | | | | OFF |
| CROSSV | SSWALK | | | | | | DW | DW | טעט | W | FDW | DW | טעט | שט | DW | | <u> </u> | OFF |
| | | | | | | | <u>.</u> | | | 4- ··· | | | | | | | | |
| | | | | | | TIMIN | G IN | SEC | | S | | | | | | | | |
| MINIMUN | и GRE | EN | | | , | | 23 | | | _ | | | 9 | | | | | |
| EXTENS | ION | | | | | | 2 | | | - | | | 2 | | | | | |
| MAXIMU | M #1/# | 2 GF | REEN | | | | -/- | | | _ | | | - | | | | | |
| YELLOW | / CLEA | RAN | CE | | | | | 4 | | | | | | 4 | | | | |
| RED CLE | ED CLEARANCE | | | | | | | | 1 | | | 1 | | | 1 | | | |
| WALK IN | VALK INTERVAL | | | | | | 15 | | | 7 | | - | | | | | | |
| PEDEST | PEDESTRIAN CLEARANCE | | | | | | 8 | | | 10 | | | | | | | | |
| 1451400 | 4EMODV | | | | | | | | | | | | | | | | | |
| MEMOR | | | | | | | | - | | | - | | | - | | | | |
| <u> </u> | ECALL 12 PED RECALL FROM 7AM - 8PM OTHERWISE | | | | | | | MAX | | | OFF | | | OFF | | | | |

*Ø2 PED RECALL FROM 7AM - 8PM. OTHERWISE, PUSH-BUTTON ACTUATED MAX. #2 DURING COORDINATED OPERATION

| | | 31 (DII () (11) | <u> </u> | (141) (110) | THAILOT | N CECCINEO) |
|-------------|--------------|-----------------|----------|-------------|---------|--------------------|
| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | HOURS OF OPERATION |
| 1 | 90 | 55 | 38 | 20 | 32 | - |
| 2 | 100 | 59 | 52 | 20 | 28 | - |
| 3 | 100 | 59 | 52 | 20 | 28 | - |
| FLAS | SH OPERATION | - | - | - | - | - |

LOCATION: State Street and Congress Street

DATE:

INTERSECTION No.: 52

DATE FIRST IN SERVICE:

SECTION No.: GC

EXISTING CONDITIONS

| CLEARAN | NCE TAB | | ار ا | / 1 1 | | , | , , , | | برديد | '11 | | | | |
|-------------------|--------------|------|-----------|-------|----------|------------|---------|------|-------|-----------|-----|--------------|--|--------------------|
| G R G Y R - R - R | - | - W | DW | ** | <u>`</u> | ₹ <u>†</u> | V / W d | | I I | | | ן י <u>ד</u> | | FLASH OPERATION |
| W | - | - W | FDW DW | | TT | | | TT | | | 1 | 1 | | |
| STREET D | DIR | FACE | | | Ø1 | | | Ø2* | | | Ø3 | | | |
| STATE STREET V | VB | - | | G | Υ | R | R | R | R | R- | R | R | | FY |
| CONGRESS ST N | NΒ | - | | R | R | R | R | R | R | G | Υ | R | | FR |
| CONGRESS ST S | | | | | | | R | R | R | G | Υ | R | | FR |
| CONGRESS ST S | RESS ST SB - | | | | | | R | R | R | GR | YR | R | | FR |
| | | | | | | | | | | | | | | |
| CROSSWALK | SSWALK | | | | | | W | | DW | | | | | OFF |
| CROSSWALK | - | - | | DW | DW | DW | W | FDW | DW | W/ FDW | DW | DW | | OFF |
| CROSSWALK | - | - | | DW | DW | DW | W | FDW | DW | DW | DW | DW | | OFF |
| | | TI | MING | IN S | SEC | OND | s | | | | | | | |
| MINIMUM GREEN | | | | 10 | | | - | | | 10 | | | | |
| EXTENSION | | | | 2 | | | | | | 2 | | | | |
| MAXIMUM #1/#2 GRE | EN | | | -/- | | | _ | | | -/- | | | | |
| YELLOW CLEARANCE | | | | | 3 | | | | | | 3 | | | |
| RED CLEARANCE | D CLEARANCE | | | | | | | | 1 | | | 1 | | |
| WALK INTERVAL | ALK INTERVAL | | | | | | 7 | | | 10 | | | | |
| PEDESTRIAN CLEAR | | 2 | | | | 14 | | 4 | | | | | | |
| | | | | | | | | | | | | | | |
| MEMORY | | | | | | | | - | | | | | | |
| RECALL | ECALL | | | | | | - | OFF | | (| OFF | - | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | | Ø1 | Ø2 | Ø3 | HOURS OF OPERATION |
|-------|--------------|----|----|----|----|--------------------|
| 1 | 90 | 64 | 35 | 22 | 33 | - |
| 2 | 90 | 64 | 26 | 22 | 42 | - |
| 3 | 100 | 65 | 29 | 22 | 49 | - |
| FLAS | SH OPERATION | - | - | - | - | - |

| LOCATION: North Street & | Congress Street |
|--------------------------|-----------------|
| INTERSECTION No.: 26 | SECTION No.: GC |

FLASH OPERATION

BOSTON TRANSPORTATION DEPARTMENT - AUTOMATIC TRAFFIC SIGNALS OPERATION SCHEDULE - EXISTING CONDITIONS

| DESIGN DATE: | |
|------------------------|--|
| DATE EIDST IN SERVICE. | |

| INTER | RSECTION | l No.: <u>26</u> | SECT | ION No. | : <u>GC</u> | | | (| DPEF | RATIC | ON S | CHEE | DULE | - EX | ISTIN | IG C | OND | TION | IS | | | D. | ATE F | | N SER | VICE: | |
|--------|---------------------|------------------|-----------|---------------------|-------------|--------------------|----------|----------|-------------|----------|------|--------------|------|------|----------|----------|----------|------------|------------|---|---|-------------|-------|---------|----------|---------|--------|
| G | CLEAF G R G Y | | | DW - | ļ | - | } | | ШЬ | } | 1 | <u></u> | | 11 | 4 | <u>}</u> | | - | } | | | | | | | | FLASH |
| HROM W | - R | - | W | - - FDW DW | | †† } ††† | - | | †† 1 | | | ПЪ ПП | | | Πŀ ΠΙ | , | | ΠΓ ΠΠ | | | | | | | | | PLZ |
| STI | REET | DIR | FACE | | | Ø1 | | | Ø2 | | | Ø3 | | | Ø4 | | | Ø5 | | - | | | | | | | |
| NORTH | STREET | WB | _ | | R | R | R | R | R | R | R | R | R | G | Υ | R | R | R | R | | | | | | | | FR |
| CONGR | ESS ST | NB | - | | G | Υ | R | G | Y | R | R | R | R | R | R | R | R | R | R | | | | | | | | FY |
| CONGR | ESS ST | NB | - | | G | Υ | R | R | R | R | R | R | R | R | R | R | R | R | R | | | | | | | | FY |
| CONGR | ESS ST | SB | - | | G | Υ | R | R | R | R | R | R | R | R | R | R | G | Υ | R | | | | | | | | FY |
| CONGR | ESS ST | SB | - | | R | R | R | R | R | R | R | R | R | R | R | R | GL | YL | R | | | | | | | | FY |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | FY |
| | | | | | | | | | | | | | | | - | | | | | | | | | | | | |
| CROSS | WALK | - | - | | DW | DW | DW | DW | DW | DW | W | FDW | DW | DW | DW | DW | DW | DW | DW | | | | | | | | OFF |
| | | <u> </u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | - | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | ļ | | | | | | | | | | | | | | | | | | <u> </u> | | |
| | M GREEN | | | | 10 | | | 6 | - | | ·- | | | 8 | | | 3 | | | | | | | | | | |
| EXTENS | | | | | 2 | | | 2 | | ļ | - | <u> </u> | | 2 | | | 2 | | | | | | | | | | NDS |
| | IM #1/#2 G | | | | -/- | | <u> </u> | - | | - | -/- | ļ | | -/- | | | -/- | | | | | | | | | | SECOI |
| | V CLEARAI | · | | | | 4 | ļ | | 4 | | | ļ | | | 3 | | | 3 | | | | | | | — | | |
| | EARANCE | | | | | | 1 | | | 1 | | | 4 | | | 1 | | | 1 | | | | ···· | | | | |
| | ITERVAL | 454105 | | | | | | | | <u> </u> | 7 | | | | | | | | | | _ | | | | <u> </u> | | TIMING |
| PEDEST | RIAN CLE | ARANCE | | | · | | | | | | | 11 | | | | | | | | | | | t | | <u> </u> | | F |
| MEMOR | | | | | | | | | | | | | | | | | | | | | | | | | - | | |
| MEMOR' | | | | | | - | | | - | | | - | | | - | | | - | | | | | | | ├── | | |
| RECALL | | | | | | MAX | | | MAX | | | OFF | | | OFF | | | OFF | | | | | | <u></u> | <u></u> | | |
| CYCLE | CYCLE | ENOTU | COORDI | 1 | | | | | | | | T | | | T | NIBO 3 | VE 005 | DATIC | <u>.</u> , | | | | | | | <u></u> | |
| 1 | 9 | | OFFSET 24 | Ø1 21 | - | ð2 I1 | Ø3 22 | Ø4 28 | | Ø5 8 | | _ | | | HC | JUKS C | | RATIO | | | | TECH | NICAL | NOIE | .S | | |
| 2 | 10 | | 21 | 15 | _ | 11 | 22 | 44 | | 8 | | | | | | | | | | | | | | • | | | : |
| | l '` | | -' | ' | _ ' | '' | ~~ | 74 | · · | ٠ | | - 1 | - 1 | | 1 | | - | | - | | | | | | | | , |

LOCATION: North Street and Union Street DATE:

INTERSECTION No.: 1909 DATE FIRST IN SERVICE:

SECTION No.: GC

EXISTING CONDITIONS

| | | | | | | | | | | | | | | | | | |
|---------|-----------------------|-----------------------|------|-------|------|-----------|------|-----|----------|----------|-----|----|---|-----|---------|------|--------------------|
| | CL | EAR | ANCE | TABLE | | | | | | | | | | | | | _ |
| R | G G - - - | R Y R - - | - | TO | W | DW FDW DW | • | | * | <i>y</i> | | È | 五 | | <u></u> | | FLASH OPERATION |
| STI | REET | | DIR | | FACE | | | Ø1 | | | Ø5 | | | Ø6 | | | |
| NORTH | STRE | ET | EB | | | | G | Υ | R | G | Υ | R | R | R | R | | FY |
| NORTH | STRE | ΕT | EB | | - | | G | Υ | R | GL | GL | R | R | R | R | | FY |
| NORTH | STRE | ΞT | WB | | - | | G | Υ | R | R | R | R | R | R | R | | FY |
| | _ | | | , | | | | | | | | | | | | | |
| CROSS | WALK | | - | | - | | DW | DW | DW | DW | DW | DW | W | FDW | DW | | OFF |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | TIMIN | G IN | SEC | OND | S | | | | | | | |
| MINIMUI | M GRE | EN | | | | | 25 | | | 10 | | | - | | | | |
| EXTENS | ION | = == | | | | | 2 | | | - | | | - | | | | |
| MAXIMU | IM #1/# | ‡2 GF | REEN | | | | -/- | | | -/- | | | - | | | | |
| YELLOV | V CLEA | RAN | ICE | | | | | 3 | | | 3 | | | | | | |
| RED CLI | EARAN | ICE | | | | | | | 1 | | | 1 | | | 4 | | |
| WALK IN | ITERV | AL | | | | | | | | | | | 8 | | | | |
| PEDEST | RIAN | CLEA | RANC | E | | | | | | | | | | 10 | | | |
| | | | | | | | | | | | | | | | | | |
| MEMOR | Υ | | | | | | | - | | | - | | | - | | | |
| RECALL | | | | | | | | MAX | | | MAX | | | OFF | | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø5 | Ø6 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|--------------------|
| 1 | 90 | 73 | 42 | 26 | 22 | - |
| 2 | 100 | 64 | 57 | 21 | 22 | - |
| 3 | 100 | 70 | 40 | 38 | 22 | - |
| FLAS | SH OPERATION | - | - | _ | - | - |

LOCATION: <u>Hanover Street and Congress Street</u> DATE: _____

INTERSECTION No.: 4035

DATE FIRST IN SERVICE:

SECTION No.: GC

EXISTING CONDITIONS

| | | CL | EAR | ANCE | TABLE | | | ļ , | | | | [][| | | | | | 7 |
|----------|-----------------------------|---------------------------------------|-------|--------|----------|------|-----------|-----------|----------------|-----|-----|----------|---------|-------|----------|-------------|-----|--------------------|
| FROM | G R - - W DW | G G - - - - | R Y R | | TO | W | DW FDW DW | | † † | ٦ | | | + F | | | | | FLASH OPERATION |
| j | ST | REET | | DIR | | FACE | | | Ø1 | , | | Ø2* | | - | | ,, <u> </u> | ••• | |
| HA | NOVE | ER ST | | WB | | - | | R | R | R | GR | YR | R | | | | | FR |
| CC | NGR | ESS S | Т | NB | | - | | G | Υ | R | R | R | R | | | | | FY |
| CC | NGRI | ESS S | Т | SB | | | | G | Υ | R | R | R | R | | | | | FY |
| - | | WALK WALK | | - | | - | | w/ FDW | | DW | | DW DW | | | | | | OFF OFF |
| | | - | | | <u>-</u> | | | | | | | | | | <u> </u> | | | |
| | | | | | - | • | TIMIN | 3 IN | SEC | OND | S | | | | | | | |
| MI | NIMUN | M GRE | EN | | | | | 51 | | | 5 | | | | | | | |
| EX | TENS | ION | | | | | | 2 | | | 2 | | | | | | | |
| MA | XIMU | M #1/# | #2 GF | REEN | | | | -/- | | | -/- | | | | | | | |
| YE | LLOW | / CLEA | ARAN | CE | | | | | 3 | | | 3 | | | | | | |
| RE | D CLE | EARAN | NCE | | | | | | | 2 | | | 1 | | | | | |
| <u> </u> | | ITERV | | | | | | 7 | | | 8 | | | | | | | |
| PE | DEST | RIAN | CLEA | RANC | E | | | 9 | | - | 19 | | | | _ | | | |
| ME | MOR | Y | | | | | <u></u> . | | | - | | | | | | | | |
| ├─ | CALL | · · · · · · · · · · · · · · · · · · · | | | | | | | MAX | | | OFF | | | | | | |
| | | I-BUTT | ON AC | CTUATE | ED ONLY | , | | | | | | | | | | | | |

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|--------------------|
| 1 | 90 | 71 | 59 | 31 | - |
| 2 | 100 | 66 | 69 | 31 | - |
| 3 | 100 | 90 | 67 | 33 | - |
| FLAS | SH OPERATION | - | - | _ | - |

LOCATION: New Sudbury Street and Congress Street and Merrimac Street

DATE:

INTERSECTION No.: 1685

DATE FIRST IN SERVICE:

SECTION No.: GC

EXISTING CONDITIONS

| | CL | EAR. | ANCE | TABLE | 1 | | | 1117 | | | 1117 | | | | | | | • | |
|---------|------------------|-------------|---|-------------|----------|--------|-----------|------|-----------|-------|----------|-----|----------------------------|-----|----------|----------|------------------|-----|--------------------|
| G R W W | G G - - | R Y R | | TO | W | FDW | 기 | | ‡- | 그 | · | | <i>y</i> * → | | - | 크 | | | FLASH OPERATION |
| DW | <u>-</u> | <u>-</u> | _ | - | <u> </u> | DW | <u> </u> | | <u> </u> | | TTT | _ | | TTF | | | 111 | - | |
| | EET | | DIR | | FACE | | | Ø1 | Τ_ | _ | Ø2* | | | Ø5 | Ι_ | | Ø6 | Ι | |
| NEW SUI | | | EB | | - | | R | R | R | R | R | R | G | Y | R | R | R | R | FR |
| CONGRE | | | NB SB | _ | - | | G | Υ | R | R | R | R | R | R | R | R | R | R | FY |
| MERRIMA | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | G R | Y | R | R | R | R | R | R | R | G | Y | R | FY | | | |
| MERRIMA | ERRIMAC ST SB - | | | | | | | R | R | R | R | R | R | R | R | GL | YL | R | FY |
| CROSSIA | CROSS/WALK | | | | | | | DW | DW | W | FDW | DW | DW | DW | DW | DW | DIA | DIA | OFF |
| | | | | | | | | - | DW | | <u> </u> | | | | | | | | |
| ONOGOV | ROSSWALK | | | | | | | | שט | VV | FDVV | טעט | FDW | שט | שטו | טעט | טעט | שטע | OFF |
| | | | | | | TIMING | L G IN | SEC | L OND | S | <u> </u> | | | | <u> </u> | <u> </u> | | Ļ | |
| MINIMUM | GRE | | 10 | | | - | | | 11 | | | 7 | | | | | | | |
| EXTENSI | ON | | | | | | 2 | | | - | | | 2 | | | 2 | | | |
| MAXIMUN | VI #1/# | ‡2 GF | REEN | | | | -/- | | | - | | | -/- | | | -/- | | | |
| YELLOW | CLEA | RAN | CE | | | | | 3 | | | | | | 4 | | | 4 | | |
| RED CLE | ARAN | ICE | | | | | | | 3 | | | | | | 3 | | | 1 | |
| WALK IN | TERV | AL | | | - | | | | | 8 | | | 7 | | | | | | |
| PEDEST | RIAN | CLEA | RANC | E | | | | | | | 16 | | 8 | | | | | _ | |
| | | | | | | | | | | | | | | | | | | | |
| MEMORY | <u> </u> | | | | | | | - | | | - | | | - | | | - | | |
| RECALL | - | | | | | | | MAX | | | OFF | | | OFF | | | OFF | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø5 | Ø6 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|----|--------------------|
| 1 | 90 | 79 | 25 | 26 | 23 | 16 | - |
| 2 | 100 | 74 | 33 | 26 | 23 | 18 | - |
| 3 | 100 | 10 | 32 | 26 | 24 | 18 | - |
| FLAS | SH OPERATION | - | - | _ | - | _ | - |

| | TION: <u>New</u> RSECTION | | n Street at SECT | Merrima ION No | | e <u>t</u> | | | | | | | | | | | | FIC SIC | | 3 | | [| DATE F | | SIGN D | |
|-------------|---|--------|---------------------|-------------------|---------------|------------|---------|-------------|----------|----------|-------------------------|---------|-----|-------------|----------|------|--------|---------|----------|---|------|------|-------------|------|--------|-----------|
| | CLEAR | ANCE T | ABLE | | | 111 | | | 1115 | | | 411 | | | 111 | | | | | | | | - | - | | ; |
| WO 2 - W DW | G R G Y - R | | - W W | | 보 보 기 | ₹) | | 시 건 건 | ا | ₹ 11- | * | • | TH. | 지 지 지 | · | 11 × | | | | | | | | | | FLASH |
| STF | REET | DIR | FACE | | | Ø1 | | | Ø2 | | | Ø3 | | | Ø4 | | | | | | | | | | | |
| NEW CH | IARDON | EB | _ | | R | R | R | R | R | R | G | Υ | R | R | R | R | | | | | | | | | | FF |
| NEW CH | IARDON | WB | - | | R | R | R | G | Υ | R | G | Υ | R | R | R | R | | | | | | | | | | FR |
| NEW CH | IARDON | WB | - | | R | R | R | GL | YL | R | R | R | R | R | R | R | | | | | | | | | | FR |
| MERRIM | IAC ST | NB | _ | | G/GL | Y/YL | R | R | R | R | R | R | R | R | R | R | | | | | | | | | | FY |
| MERRIM | IAC ST | NB | - | | GR | YR | R | GR | YR | R | R | R | R | R | R | R | | | | | | | | | | FY |
| MERRIM | IAC ST | SB | _ | <u> </u> | R | R | R | R | R | R | R | R | R | G/GL | Y/YL | R | | | | | | | | | | FY |
| GARAGE | E | NB | - | | R | R | R | R | R | R | R | R | R | G | Υ | R | | | | | | | | | | FR |
| CROSSV | VALK | - | - | | W/ FDW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | | | | | | | | | | OF |
| CROSSV | VALK | - | - | | DW | DW | DW | W/ FDW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | | | | | | | | | | OF |
| CROSSV | VALK | - | | | DW | DW | DW | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | | | | | | | | | | OF |
| CROSSV | VALK | - | _ | | DW | DW | DW | DW | DW | DW | DW | DW | DW | W/ FDW | DW | DW | | | | | | | | | | OF |
| CROSSV | VALK | - | - | | DW | DW | DW | DW | DW | DW | W/ FDW | DW | DW | W/ FDW | DW | DW | | | | | | | | | | OF |
| MINIMUN | / GREEN | | | | 7 | | | 7 | | | 10 | | | 10 | | | | | | | | | | | | |
| EXTENS | ION | | | | 2 | | | 2 | | | 2 | - | | 2 | | | | | | | | | | | | |
| MAXIMU | M #1/#2 G | REEN | | | -/- | | | -/- | | | -/- | | | -/- | | | | | | | | | | | | NO |
| YELLOW | CLEARAN | ICE | | | | 4 | | | 4 | | | 4 | | | 4 | | | | | | | | | | | SECONDS |
| RED CLE | EARANCE | | | | | | 3 | | | 3 | | | 3 | | | 3 | | | | | | | | | | |
| WALK IN | TERVAL | | | | 7 | | | | | | 7 | | | 7 | | | | | | | | | | | | § |
| PEDEST | RIAN CLE | ARANCE | | | 10 | | - | | | | 12 | | | 7 | | | | | | | | | | | | TIMING IN |
| MEMORY | | | ···· | | | | | | | | | | | | | | | | <u> </u> | | 1 | | | | | |
| MEMORY | | | | | | - | | | - | | | | | | - | | | | - | | | | | | | |
| RECALL | | == | COORDII | NATION | LINIEO | MAX | ON CTIE | AEO IN | OFF | MDO) | | OFF | | | OFF | | | | | | | | | | | |
| CYCLE | COORDINATION INFORMATION (TIMES IN E CYCLE LENGTH OFFSET Ø1 Ø2 Ø5 Ø | | | | | | | | | (פטאיי | | | | | но | URS |)F OPF | RATIO | N | | | TECL | INICAL | NOTE | | |
| 1 | 90 | | 74 | 26 | 1 | | 26 | 21 | | | , - <u></u> | | | | 110 | | - | | | | | ILOF | INICAL | NOIE | | |
| | | - | | <u>-</u> - | ' | | | <u> </u> | | | | \perp | | | <u> </u> | _ | _ | | | | | | - | | | |

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø5 | Ø6 | HOURS OF OPERATION | TECHNICAL NOTES |
|-------|--------------|--------|----|----|----|----|--------------------|-----------------|
| 1 | 90 | 74 | 26 | 17 | 26 | 21 | - | - |
| 2 | 100 | 74 | 33 | 20 | 26 | 21 | - | |
| 3 | 100 | 14 | 34 | 17 | 26 | 23 | - | - |
| FLA | SH OPERATION | - | - | _ | - | - | - | - |

LOCATION: Summer Street and Dorchester Avenue

DATE:

INTERSECTION No.: 46

DATE FIRST IN SERVICE:

SECTION No.: 11

EXISTING CONDITIONS

| | | CL | EARA | NCE 7 | ΓABLE | | | | 14 | | | 1. | | | 11 | | | | |
|---------|--------|--|-------------|----------|-----------|--------|-------|----------|-----|-------------|--------|---------|----------------|--------|----------|------------|----------|---|--------------------|
| | | G | R |] - | ro - | W | DW |] | 17 | <u>.t</u> | | 14 • | → | * | 1- | F | _ | | FLASH OPERATION |
| 1_ | G R | G - | Y | - | - | - | - | • | | 1 | 고 | | j 7 | | | 7 | | | ASI 3AT |
| FROM | | - | - | - | <u> </u> | - | - | 7 | | | 고 다 | | فد | 구 구 | | | | | 교등 |
| = | W | - | - | - | - | - W | FDW | } | 7. | ₽ | | 7. | F ₁ | | * | † - | | | |
| | DW | L REET | - | DID I | - | | DW | <u> </u> | ~4 | | | ~~ | | | | | <u> </u> | | |
| <u></u> | | | | DIR | l | ACE | | ļ . | Ø1 | | | Ø2* | r - | | Ø3 | 1 | | г | - |
| - | JMME | | | EB | | - | | G | Υ | R | R | R | R | R | R | R | | | FY |
| SI | JMME | RST | | WB | | - | | G | Υ | R | R | R | R | R | R | R | | | FY |
| D | ORCH | STEF | RAVE | NB | | - | | R | R | R | R | R | R | G | Υ | R | | | FR |
| DO | ORCHE | ESTEF | RAVE | SB | | | | R | R | R | R | R | R | G | Υ | R | | | FR |
| | | | | | | | | | | | | | | | | | | | |
| CF | ROSSV | VALK | | - | | - | | DW | DW | DW | W | FDW | DW | DW | DW | DW | | | OFF |
| | | | | | | | | | | | | | | | | | | | |
| <u></u> | | | | | | | | <u> </u> | | | | | | | | | | | |
| ļ | | | | | | | TIMIN | G IN | SEC | OND | S | | | | | | | | |
| MI | NIMUN | / GRE | EN | <u>,</u> | | | | 10 | | | - | | | 10 | | | | | |
| EX | TENS | ION | | | | | | 2 | | | - | | | 2 | | | | | |
| MA | AXIMU | M #1/# | ‡2 GR | EEN | | | | -/- | | | - | | | -/- | | | | | |
| YE | LLOW | CLEA | RANG | CE | | | | | 3 | | | | | | 3 | | | | Ī |
| RE | D CLE | ARAN | ICE | | | | | | | 1 | | | 1 | | | 1 | | | |
| W | ALK IN | TERV | AL | | | | | | | | 7 | | | | | | | | |
| PE | DEST | RIAN | CLEA | RANCE | = | | | | | | | 15 | | | | | | | |
| | | IIMUM GREEN TENSION XIMUM #1/#2 GREEN LOW CLEARANCE D CLEARANCE LK INTERVAL DESTRIAN CLEARANCE | | | | | | | | | | | | | | | | | |
| ME | EMOR' | <u> </u> | | <u> </u> | | | | _ | - | | | - | | | - | | | | |
| | CALL | | | | | | | | MAX | | | OFF | | | OFF | | | | |
| 1 *012 | PLICH | -RUITTO | ON AC | TIIATEI | | | | | | | | | | | | | | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|--------------------|
| 1 | 90 | 60 | 32 | 23 | 35 | - |
| 2 | 100 | 53 | 52 | 23 | 25 | - |
| 3 | 100 | 61 | 37 | 23 | 40 | - |
| FLAS | SH OPERATION | - | _ | - | - | - |

LOCATION: Summer Street and Melcher Street

DATE:

INTERSECTION No.: 2008

DATE FIRST IN SERVICE:

SECTION No.: 11

EXISTING CONDITIONS

| | | | _ | | | | | | | | | | | | | | | |
|--------------|---------|-----------------------|--------|----------|------|-------|---------|-----|------------|-------|----------|----------|-----|-----|--------------|---|---|--------------------|
| | CI | EAR | ANCE | TABLE | | | - | | | | | | | | | | | |
| | G | R | - | TO - | W | DW |] | | ₹ | • • | ı | 7 | | | | | | FLASH OPERATION |
| G R | G - | Y R | - | - | - | - | | | * | 1 . i | | ·I | 1 | | .7 | | | FLASH |
| FROM - | - | - | - | - | - | - | 7 | | | ₹ ₹ | - | + | 7 | | | | | 띹핍 |
| DW DW | - | - | - | - | W | FDW | 1 | 7 | ~ 1 | | , | ٧1 | | • | Y* | | | 0 |
| ST | REET | | DIR | | FACE | | | Ø1 | | | Ø2* | | | Ø3 | | | | |
| SUMME | R ST | | EB | | - | | G | Υ | R | R | R | R | R | R | R | - | | FY |
| SUMME | R ST | | WB | | - | | G | Υ | R | R | R | R | R | R | R | | | FY |
| MELCHI | ER ST | _ | NB | | _ | | R | R | R | R | R | R | G | Υ | R | | | FR |
| | | | | | | | | | | | | | | | | | | |
| CROSS | WALK | | - | | - | | DW | DW | DW | W | FDW | DW | DW | DW | DW | | | OFF |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | i | |
| | | | | | | | <u></u> | | | | | | | | | | | |
| | | | | | | TIMIN | G IN | SEC | OND | S | γ | | | | | | | |
| MINIMU | M GRE | EN | | <u>.</u> | | | 8 | | | - | | | 8 | | | : | | |
| EXTENS | SION | | | | | | 2 | | | - | | | 2 | | | | | |
| MAXIMU | JM #1/# | #2 GF | REEN | | | | -/- | | | - | | | -/- | | | | | |
| YELLOV | V CLEA | ARAN | CE | | | | | 3 | | | | | | 3 | | | | |
| RED CL | EARAN | NCE | | | | | | | 2 | | | 1 | | | 2 | | | |
| WALK IN | ITERV | AL | | | | | | | | 8 | | | | | | | | |
| PEDEST | RIAN | CLEA | RANC | E | | | | | | | 17 | | | | | | | ļ |
| . <u>.</u> . | | | | ··· | · | | | | | | | | | | | | | |
| MEMOR | _ | | | | | | | - | | | - | | | - | | | | |
| RECALL | | | | | | | | MAX | | | OFF | | | OFF | | | | |
| *MY DITCL | JOHTT | $\Delta M = \Delta A$ | TIIATE | コンション | , | | | | | | _ | | | | | | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|--------------------|
| 1 | 90 | 70 | 36 | 26 | 28 | - |
| 2 | 100 | 43 | 46 | 26 | 28 | - |
| 3 | 100 | 71 | 44 | 26 | 30 | - |
| FLAS | SH OPERATION | _ | _ | - | - | - |

LOCATION: Summer Street & Pump House Road INTERSECTION No.: 4061 SECTION No.: SB

BOSTON TRANSPORTATION DEPARTMENT - AUTOMATIC TRAFFIC SIGNALS OPERATION SCHEDULE - EXISTING CONDITIONS

DESIGN DATE: ____
DATE FIRST IN SERVICE:

| INTER | RSECTION | No.: <u>406</u> | 1 SECT | ION No. | .: <u>SB</u> | | | | JI LIV | MIL | | | JULL | - L/ | 10111 | NG C | CIND | | NO. | | | D | ATE F | IRST IN | 1 SER | /ICE: | |
|------------|---------------------------------------|------------------|------------------------|--------------|--------------|----------|----------|------------|--------|----------|-----|----------|----------|--|-------|--------|----------|-------|-----|------|----------|----------|-------|---------|-------|-------|---------|
| | CLEAR | ANCE TA | | | Α, | 4 | | λ, | 7 | | 44. | - | | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | 4 | | λ, | 4 | | | | | | | | ··· | |
| ROW - W DW | G R G Y - R | - - - - | - W - W | DW FDW DW | <u>+</u> | 7 | ‡ | <u>*</u> - | | ₩ | 크 | ۴ | ₩ | 그 | - | ♣ | <u>}</u> | 7 | H H | | | | | | | | FLASH |
| ST | REET | DIR | FACE | | | Ø1 | | | Ø2 | | | Ø3 | | | Ø4 | | | Ø5 | | | | | | | | | |
| SUMME | R ST | EB | _ | | G | Υ | R | R | R | R | R | R | R | R | R | R | G | Υ | R | | | | | | | | FY |
| SUMME | R ST | EB | - | | G | Υ | R | R | R | R | R | R | R | R | R | R | GL | YL | R | | | | | | | | FY |
| SUMME | R ST | WB | _ | | G | Υ | R | R | R | R | R | R | R | R | R | R | R | R | R | | | | | | | | FY |
| DRIVEW | VAY | NB | - | | R | R | R | R | R | R | R | R | R | G | Υ | R | R | R | R | | | | | | | | FR |
| DRIVEW | VAY | NB | _ | | R | R | R | R | R | R | R | R | R | GL | YL | R | R | R | R | | | | | | | | FR |
| PUMP H | IOUSE RD | SB | - | | R | R | R | R | R | R | G | Υ | R | R | R | R | R | R | R | | | | | | | | FR |
| PUMP H | IOUSE RD | SB | - | | R | R | R | R | R | R | GL | YL | R | R | R | R | R | R | R | | | | | | | | FR |
| CROSS | WALK | - | _ | | DW | DW | DW | W | FDW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | | | | | | | | OFF |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MINIMUI | M GREEN | <u> </u> | | | 10 | | | - | | | 10 | | | 5 | | | 5 | | | | <u> </u> | <u> </u> | | | | | |
| EXTENS | SION | | | | 3 | | | - | | | 3 | | | 3 | | | 3 | | | | | | | | | | ၂ တ |
| MAXIMU | JM #1/#2 GF | REEN | | | -/- | | | - | | | -/- | | | -/- | | | -/- | ļ | | | | | | | | | SECONDS |
| YELLOV | V CLEARAN | ICE | | | | 3 | | | | | | 3 | | | 3 | | | 3 | | | | | | | | | SEC. |
| RED CLI | EARANCE | | | | | | 3 | | | 1 | | | 3 | | | 3 | | | 1 | | | | | | | | |
| WALK IN | NTERVAL | | | | | | | 7 | | | | | | | | | | | | | | | | | | | NG NG |
| PEDEST | RIAN CLEA | ARANCE | | | | | | | 17 | | | | | | | | | | | | | | | | | | TIMING |
| | · · · · · · · · · · · · · · · · · · · | | | · - | | | | | | | | | | | | | | | | | | | | | ļ | | |
| MEMOR | | | | | | *** | | | - | | ļ | - | | | - | | | - | | | | | | | | | |
| RECALL | | | COORDII | NATIO! | LINEO | MAX | ON (T' | MEC IN | OFF | MDO) | | OFF | | | OFF | | | OFF | | | | ···- | | | | | |
| CYCLE | CYCLE L | ENGTH | OFFSET | MATION Ø1 | | 72 RMA11 | Ø3 | WES IN | | Ø5 | | | | | НС | OURS (| OF OPE | RATIO | N | | | TECH | NICAI | NOTE | S | | |
| 1 | 90 | | 2 | 21 | | 25 | 22 | 12 | | 10 | | | | | | | - | | | | | | | | - | | |
| | | 4 | | | | | | | | | | | | | 1 | | | | - 1 | | | | | | | | |

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|-------|--------------|--------|----|----|----|----|----|--------------------|-----------------|
| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | Ø4 | Ø5 | HOURS OF OPERATION | TECHNICAL NOTES |
| 1 | 90 | 2 | 21 | 25 | 22 | 12 | 10 | - | - |
| 2 | 100 | 17 | 28 | 25 | 25 | 12 | 10 | - | - |
| 3 | 100 | 2 | 25 | 25 | 28 | 12 | 10 | - | - |
| FLAS | H OPERATION | - | - | - | _ | - | _ | - | _ |

LOCATION: Mass Haul Road and Pump House Road DATE: _____

INTERSECTION No.: 9061 DATE FIRST IN SERVICE:

SECTION No.: SB

EXISTING CONDITIONS

| CLEAF | RANCE | TABLE | | | | | | | | | | | | | |
|----------------------|----------|--------|-------------|-----|----------|------------|-----|-----------------------|----------|-----|---------------------------------------|-----|-----|----|--------------------|
| G R G G Y R - R W DW | - | TO | + | 7 | → | <u>7</u> ' | 44 | <i>\</i> \ | <u>7</u> | 7 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 7 | 7 | ٠, | FLASH OPERATION |
| STREET | DIR | FACE | | Ø1 | | | Ø2 | | | Ø3 | | | Ø4 | | |
| HAUL ROAD | EB | _ | G | Y | R | R | R | R | R | R | R | R | R | R | FY |
| HAUL ROAD | WB | - | G | Υ | R | R | R | R | R | R | R | G | Υ | R | FR |
| PUMP HOUSE RD | NB | - | R | R | R | G | Υ | R | R | R | R | R | R | R | FR |
| | | | | | | | | | | | | | | | |
| CROSSWALK | - | - | DW | DW | DW | DW | DW | DW | W | FDW | DW | DW | DW | DW | OFF |
| | | | | | | | | | | | | | | | |
| | , | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | TIMINO | | SEC | OND | S | | · · · · | | | | | | | |
| MINIMUM GREEN | | | 15 | | | 15 | | | - | | | 6 | | | |
| EXTENSION | | | 3 | | | 3 | | | - | | | 3 | - | | |
| MAXIMUM #1/#2 G | REEN | | - /- | | | -/- | | | - | | | -/- | | | |
| YELLOW CLEARAI | NCE | | | 4 | | | 4 | | | | | | 3 | | |
| RED CLEARANCE | | | | | 3 | | | 2 | | | 1 | | | 1 | |
| WALK INTERVAL | | | | | | | | | 7 | | | | | | |
| PEDESTRIAN CLE | ARANC | E | | | • | | | | | 14 | | | | | |
| | | | | | | | | | | | | | | | |
| MEMORY | <u>-</u> | | | - | | | - | | | - | | | _ | | |
| RECALL | | | | MAX | | | OFF | | | OFF | | | OFF | | |

MAX. #2 DURING COORDINATED OPERATION

| | | JRUINATI | OIN HAI OI | TIVIA I ION | (TIIVIES I | N SECON | 100) |
|-------|--------------|----------|------------|-------------|------------|---------|--------------------|
| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | Ø4 | HOURS OF OPERATION |
| 1 | 90 | 75 | 22 | 32 | 22 | 14 | <u>-</u> |
| 2 | 100 | 26 | 44 | 20 | 22 | 14 | .= |
| 3 | 100 | 83 | 22 | 39 | 22 | 17 | - |
| FLAS | SH OPERATION | - | - | - | - | - | - |

LOCATION: Summer Street and D Street

| DA | TE | | |
|--------|----|---|--|
| \neg | | • | |

INTERSECTION No.: 374

DATE FIRST IN SERVICE: _____

SECTION No.: SB

EXISTING CONDITIONS

| | | CL | .EAR | ANCE | TABLE | | | | 114 | | | 4 II. | | | 116. | | | <i>t</i> 10. | | |
|----------------|--------|--------|----------|------|-------|----------|-----------|--|--------|---------------|-----------|-------|----------------|-----------|------------|-----|----------|--------------|-----|--------------------|
| | | G | Ŕ | | TO _ | Ιw | DW | ֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֡֓֡֓֓֓֓֡֓֡ | 117 | _ + | | 110 | * | ' | 117 | /- | ' | 114 | _ | FLASH OPERATION |
| | G | G | Y | - | | - | - | 1. | | 4` |] ! | | F | | | 「片 | 1 | | È | ASH |
| Į _≅ | R | - | R - | - | | - | <u>-</u> | ! | | , * | 그 | | | 듺 | | į | <u>,</u> | | | FR |
| FROM | - | - | <u> </u> | - | - | - | - | 7 | 5T | т Ы | Z , | ۲Į | T _d | 7, | → • | | 7 | ٦Ţ | T., | I dC |
| | DW DW | - | - | - | - | - W | FDW DW | 1 | 11 | r · | | . 11 | , | | - 11 | r - | | . 11 | r. | |
| | STF | REET | | DIR | | FACE | | | Ø1 | | | Ø2 | | | Ø3 | | | Ø4 | | |
| SL | IMME | R ST | | EB | | - | | G | Υ | R | R | R | R | R | R | R | G | Υ | R | FY |
| SL | IMME | R ST | | EB | | - | | G | Υ | R | R | R | R | R | R | R | GL | YL | R | FY |
| SL | IMMEI | R ST | | WB | | - | | G | Υ | R | R | R | R | R | R | R | R | R | R | FR |
| SL | IMMEI | R ST | | WB | | - | | G | Υ | R | GR | YR | R | R | R | R | R | R | R | FR |
| D: | STREE | ΞΤ | | NB | | - | | R | R | R | R | R | R | G | Υ | R | R | R | R | FR |
| D S | STREE | ΞΤ | | SB | | - | | R | R | R | G | Υ | R | R | R | R | R | R | R | FR |
| CF | ROSSV | VALK | | - | | - | | W/ FDW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | ĎW | OFF |
| CF | ROSSV | VALK | | - | | - | | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | DW | DW | DW | OFF |
| CF | ROSSV | VALK | | | | - | | DW | DW | DW | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | OFF |
| MI | NIMUN | И GRE | EN | | | | | 10 | | | 6 | | | 6 | | | 6 | | | |
| EX | TENS | ION | | | | | | 3 | | | 3 | | | 3 | | | 3 | | | TIMING IN |
| MA | XIMU | M #1/# | ‡2 GF | REEN | | | | -/- | | | - | | | -/- | | | -/- | | | NG |
| YE | LLOW | / CLE | ARAN | CE | | | | | 4 | | | 4 | | | 4 | | | 4 | | Z |
| RE | D CLE | EARAN | ICE | | | <u> </u> | | | | 2 | | | 1 | | | 1 | | | 1 | SECONDS |
| WA | ALK IN | TERV | AL | | | | | 7 | | | 7 | | | 7 | | | | | , | Š |
| PE | DEST | RIAN | CLEA | RANC | E | | | 14 | | | 7 | | | 5 | | | | | | DS |
| | | | | | | | | | | | | | | | | | | | | |
| ME | MOR' | Y | | | | | | | _ | | | _ | | | - | | | - | | |
| | CALL | | | | | | | | MAX | | | PED | | | PED | | | OFF | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| · | | יו איווטאל | DIA HALOI | VINIALIOIA | (TIMES I | N SECOL | 103) |
|-------|--------------|------------|-----------|------------|----------|---------|--------------------|
| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | Ø4 | HOURS OF OPERATION |
| 1 | 90 | 45 | 27 | 24 | 21 | 18 | <u>-</u> |
| 2 | 100 | 80 | 30 | 26 | 26 | 18 | - |
| 3 | 100 | 48 | 28 | 31 | 22 | 19 | - |
| FLAS | SH OPERATION | - | - | - | - | - | - |

LOCATION: Ramp D&B and D Street DATE:

INTERSECTION No.: 4116

DATE FIRST IN SERVICE: ____

SECTION No.: SB

EXISTING CONDITIONS

| | CL | EAR | ANCE | TABLE | | | | | - | | <u></u> | | | 11 | | | |
|---------|-------------|-------|------|-------|----------|-----------|------|------------|------------|---|---------|----------|-----|-----|------------|--|--------------------|
| | G | R | - | TO - | W | DW | | 1 ↓ | | | • TT | - | | ТŢ | | | FLASH OPERATION |
| G R | G - | Y | - | - | - | - | } | | | | | | | | | | FLASH PERATION |
| FROM - | - | - | - | - | - | - | 1 | | 4 4 | • | | ~ ~ | | | 4 4 | | H |
| DW DW | - | - | - | - | W | FDW DW | - | 7 | † † | | 7 | ĬΤ | | 1 | | | |
| STF | REET | | DIR | | FACE | | | Ø1 | | | Ø2* | | | Ø3 | | | |
| D STREE | ΞΤ | | NB | | _ | | G | Y | R | R | R | R | G | Υ | R | | FY |
| D STREE | ΞT | | NB | | - | | R | R | R | R | R | R | GL | YL | R | | FY |
| D STREE | STREET SB - | | | | | | G | Υ | R | R | R | R | R | R | R | | FY |
| | | | | | | | | i | | | | | | | | | |
| CROSSV | CROSSWALK | | | | | | | DW | DW | W | FDW | DW | DW | DW | DW | | OFF |
| ,,,,, | | | | | - | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | TIMIN | G IN | SEC | OND | S | | | | | | | |
| MINIMUN | И GRE | EN | | | | | 15 | | | _ | | | 15 | | | | |
| EXTENS | ION | | | | | | 2 | | | 2 | | | 2 | | | | |
| MAXIMU | M #1/# | ‡2 GF | REEN | | | | -/- | | | - | | | -/- | | | | |
| YELLOW | CLEA | ARAN | ICE | , | | | | 4 | | | | | | 4 | | | |
| RED CLE | EARAN | ICE | | | | | | | 2 | | | 1 | | | 2 | | |
| WALK IN | TERV | AL | | | | | _ | | | 7 | | | | | | | |
| PEDEST | RIAN | CLEA | RANC | E | | | | | | | 13 | | | | | | |
| | | | | | | | | | | | | | | | | | |
| MEMOR' | Y | | | | <u>.</u> | | | - | | | - | | | - | | | |
| RECALL | | | | | | | | MAX | | | OFF | | | OFF | | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|--------------------|
| 1 | 90 | 59 | 46 | 21 | 23 | - |
| 2 | 100 | 14 | 56 | 21 | 23 | - |
| 3 | 100 | 62 | 56 | 21 | 23 | - |
| FLAS | SH OPERATION | - | - | - | - | - |

LOCATION: MBTA Silverline Transitway and D Street

DATE:

INTERSECTION No.: 4060

DATE FIRST IN SERVICE:

SECTION No.: SB

EXISTING CONDITIONS

| | С | LE | ARA | NCE | TABLE | | | | Į. | | 1 | ↓ | | ر ا | .1 | | | | 7 |
|-----------|-------------|-----|----------------------------|-------|---------|---------------|------------|-----------|------------|-----|------|---------------------------------------|---------|------------|--------|--------------------|---|---|--------------------|
| FROM GROW | - - - | | R Y R - - - | - | TO | W | DW FDW DW | | † † | | | ŢŢ. | ⊢ [· | → . | TT | → → H | | | FLASH OPERATION |
| S | TREET | • | | DIR | | FACE | | | Ø1 | | | Ø2 | | | Ø5 | | | | |
| TRANS | SITWAY | _ | | EB | | - | | R | R | R | R | R | R | G | Υ | R | | | FR |
| TRANS | SITWAY | _ | | WB | | • | | R | R | R | R | R | R | G | Υ | R | | | FR |
| D STR | EET | | | NB | | - | | G | Υ | R | R | R | R | R | R | R | | | FY |
| D STR | EET | | | SB | | - | | G | Υ | R | G | Υ | R | R | R | R | | | FY |
| | | | | | | | | 1011 | | | | | | | | | | | |
| CROS | CROSSWALK | | | - | | - | | W/ FDW | DW | DW | DW | DW | DW | DW | DW | DW | | | OFF |
| | - | | | | | | | | | | | | | | | | | | |
| | | | | | | . | T15.415.14 | | | | | | | | | | | | |
| BAINIBAI | | | • K I | | | | TIMING | | SEC | OND | | · · · · · · · · · · · · · · · · · · · | | _ | | | | T | |
| MINIMU | | | :1N | | | . 100 | | 20 3 | | | 5 | | | 8 | | | - | | } |
| MAXIM | | /#2 | GP | EENI | | | | -/- | | | 3 | | | 3 | | | | | |
| YELLO | | | | - | | | | -/- | 4 | | - | 4 | | -/- | 4 | | | | |
| RED CI | | | | | | 74.14.1 | | | • | 2 | | | 1 | | 7 | 2 | | - | |
| WALK | INTER | /AI | L | | | | | 7 | | | | | - | | | | | | |
| PEDES | TRIAN | CI | LEAI | RANC | E | | | 8 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| MEMOI | RY | | | | | | | | - | | | _ | | | | | | | |
| RECAL | | | | | | | | | MAX | | | MAX | | | OFF | | | | |
| *Ø2 PUS | SH-RUT | IO1 | N AC | THATE | וואט ח= | / | | | | | | | | | | | | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|--------------------|
| 1 | 90 | 62 | 48 | 12 | 30 | - |
| 2 | 100 | 95 | 58 | 12 | 30 | - |
| 3 | 100 | 57 | 58 | 12 | 30 | - |
| FLAS | SH OPERATION | - | - | - | - | - |

BOSTON TRANSPORTATION DEPARTMENT - AUTOMATIC TRAFFIC SIGNALS

OPERATION SCHEDULE

LOCATION: Congress Street and D Street

INTERSECTION No.: 4059

DATE:

DATE:

DATE:

SECTION No.: SB

EXISTING CONDITIONS

| CLEAR | | | | | | | | | | | | | | | |
|----------------------|------|-----|-------------|-----------------|-------------|------------|----|------------|---|----|----------------------|-------------|-----|-----------------|--------------------|
| G R G G Y R - R W DW | | | * | 7. . | F Tr | 시 <u>사</u> | 7 | ₩ <u>₩</u> | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 7 | ¯ ‡ Ir | 7 7 7 | 7. | ₹ 11- | FLASH OPERATION |
| STREET | | | | | Ø1 G Y R | | | | | Ø3 | | | Ø4 | | |
| CONGRESS ST | | | | Υ | R | R | R | R | R | R | R | R | R | R | FY |
| CONGRESS ST | WB | _ | R | R | R | R | R | R | R | R | R | G | Υ | R | FY |
| D STREET | NB | _ | R | R | R | G | Υ | R | R | R | R | R | R | R | FR |
| D STREET | SB | _ | R | R | R | R | R | R | G | Υ | R | R | R | R | FR |
| CROSSWALK | - | - | W/ FDW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | DW | DW | DW | OFF |
| CROSSWALK | - | - | W/ FDW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | OFF |
| CROSSWALK | - | - | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | DW | DW | DW | OFF |
| CROSSWALK | - | - | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | DW | DW | DW | OFF |
| CROSSWALK | - | | DW | DW | DW | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | OFF |
| CROSSWALK | - | • | DW | DW | DW | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | OFF |
| MINIMUM GREEN | | · | 12 | | | 8 | | | 8 | | | 8 | | | |
| EXTENSION | | | 3 | | | 3 | | | 3 | | | 3 | | | ∏ |
| MAXIMUM #1/#2 GF | REEN | | - /- | | | - | | | -/- | | | -/- | | | NIN |
| YELLOW CLEARAN | ICE | | | 4 | | | 4 | | | 4 | | | 4 | | TIMING IN SECOND |
| RED CLEARANCE | | | | | 2 | | | 2 | | | 2 | | | 2 | SE(|
| WALK INTERVAL | 7 | | | 7 | | | 7 | | | | | | Š | | |
| PEDESTRIAN CLEA | 5 | | | 9 | | | 8 | | | | | | NDS | | |
| | | | | | | | | | | | | | | | |
| MEMORY | | _ | | | - | | | - | | | - | | | | |
| RECALL | | MAX | | | OFF | | | OFF | | | OFF | | | | |
| *Ø2 PUSH-BUTTON AC | | | | | | | | | | | | | | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY MAX. #2 DURING COORDINATED OPERATION

| · · · · | | | <u> </u> | I CIVIZ LIGIT | (THVILO | IN OFFICE | 100) |
|---------|--------------|--------|----------|---------------|---------|-----------|--------------------|
| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | Ø4 | HOURS OF OPERATION |
| 1 | 90 | 27 | 24 | 22 | 21 | 23 | - |
| 2 | 100 | 57 | 24 | 22 | 25 | 29 | - |
| 3 | 100 | 57 | 24 | 22 | 25 | 29 | - |
| FLAS | SH OPERATION | - | - | _ | - | - | - |

LOCATION: Congress Street and B Street and Ramps D&F

DATE: _____

INTERSECTION No.: 4058

DATE FIRST IN SERVICE:

SECTION No.: SB

EXISTING CONDITIONS

| | CLEARANCE TABLE TO GREET WEET | | | | | | | 11 | | | <u>'</u> | | | <u></u> | | | л I | | |
|--|--|-------|------|---|------|-----------|-----------|----------|----------------|-----------|----------|--------------------------|-----|------------|-----------------|-----------|-------------------------|----|--------------------|
| FROM S S S S S S S S S S S S S S S S S S S | G G - - | R Y R | | | W | DW FDW DW | 고 건 | | - ↑ | <i>*</i> | | ر ب بر بر بر | 7 . | → , | ₽ <u>₹</u> 7 | 실기 | ↓↓ ► † | | FLASH OPERATION |
| STF | REET | | DIR | | FACE | | | Ø1 | | | Ø2 | | | Ø3 | | | Ø4 | | |
| CONGRE | ESS S | Т | EB | | - | | R | R | R | G | Υ | R | R | R | R | R | R | R | FY |
| CONGRE | ESS S | | | | | | G | Υ | R | R | R | R | R | R | R | R | R | R | FY |
| RAMP | | | NB | | R | R | R | R | R | R | J | YL | R | R | R | R | FR | | |
| RAMP | | | NB | | R | R | R | R | R | R | O | Υ | R | G | Υ | R | FR | | |
| B STREE | ΞT | | SB | | R | R | R | R | R | R | R | R | R | G | Υ | R | FR | | |
| CROSSV | VALK | | - | | - | | W/ FDW | DW | DW | | DW | DW | DW | DW | DW | DW | DW | DW | OFF |
| CROSSV | VALK | | - | | - | | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | | DW | DW | OFF |
| CROSSV | VALK | | - | - | - | | DW | DW | DW | DW | DW | DW | DW | DW | DW | W/ FDW | DW | DW | OFF |
| | | | | | | TIMIN | 3 IN | SEC | OND | S | | | | | | | | j | |
| MINIMUN | / GRE | EN | | | | | 17 | | | 8 | | | 8 | | | 8 | | | |
| EXTENS | ION | | | | | | 3 | | | 3 | | | 3 | | | 3 | | | |
| MAXIMU | M #1/# | #2 GF | REEN | | | | -/- | | | - | | | -/- | | | -/- | | | |
| YELLOW | CLEA | ARAN | ICE | | | | | 4 | | | 4 | | | 4 | | | 4 | | |
| RED CLE | ARAN | ICE | | | | | | | 2 | | | 2 | | | 2 | | | 2 | |
| WALK IN | WALK INTERVAL | | | | | | 7 | | | 7 | | | | | | 7 | | | |
| PEDEST | PEDESTRIAN CLEARANCE | | | | | | 10 | | | 8 | | | | | | 14 | | | |
| MEMORY | 4EMORY | | | | | | | | | | | | | | | | | | |
| | | | | | | | | - MAN | | | - | | | <u>-</u> | | | <u>-</u> | | |
| | RECALL RECALL RECALL RECALL RECALL RECALL RECALL RECALL | | | | | | | MAX | | | MIN | | | OFF | | | OFF | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | Ø4 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|----|--------------------|
| 1 | 100 | 24 | 32 | 25 | 15 | 28 | |
| 2 | 100 | 7 | 32 | 25 | 15 | 28 | - |
| 3 | 100 | 24 | 30 | 25 | 17 | 28 | _ |
| FLAS | SH OPERATION | - | | - | - | - | - |

LOCATION: Congress Street and East Service Road

DATE:

INTERSECTION No.: 4056

DATE FIRST IN SERVICE:

SECTION No.: SB

EXISTING CONDITIONS

| | CLEARANCE TABLE TO G R W T | | | | | | | | | | | | | | | | | | _ |
|------|-----------------------------|-----------------------|-------|---------|-------------|------|-----------|-----------|----------|--------------|---------------|-----|----|-------------|------|------------|--|------|--------------------|
| FROM | G R - - W DW | G G - - - | R Y R | | | W | DW FDW DW | , , | TH | - | <u>ナ</u> 計 | T- | | ァ コ 十 | 1-15 | ¥ <u>•</u> | | · | FLASH OPERATION |
| | STF | REET | | DIR | | FACE | | | Ø1 | | | Ø2* | | | Ø3 | | | | |
| CC | DNGRI | ESS S | Т | EB | | - | | G | Υ | R | R | R | R | R | R | R | | | FY |
| CC | DNGRI | ESS S | | | | | G | Υ | R | R | R | R | R | R | R | | | FY | |
| R/ | MP C | | | NB | | | | R | R | R | R | R | R | G | Υ | R | | | FR |
| R/ | MPI | | | NB | NB - | | | R | R | R | G | Υ | R | R | R | R | | | FR |
| | | | | | | | | | | | | | | | | | | | |
| CF | ROSSV | VALK | | - | | - | | W/ FDW | <u> </u> | l . | | DW | DW | DW | DW | DW | | | OFF |
| CF | ROSSV | VALK | | - | | - | | DW | DW | DW | W/ FDW | DW | DW | | DW | DW | | | OFF |
| CF | ROSSV | VALK | | _ | | - | | DW | DW | DW | DW | DW | DW | W/ FDW | DW | DW | | | OFF |
| | | | | | | _ | ΓΙΜΙΝ | G IN | SEC | OND | S | | | | | | | | |
| МІ | NIMUN | M GRE | EN | ,,_,,,, | | | | 15 | | | 8 | | | 10 | | | | | |
| EX | TENS | ION | | | | | | 3 | | | 3 | | | 3 | | | | | |
| M/ | XIMU | M #1/# | #2 GF | REEN | | | | -/- | | | ı | | | -/- | | | | | |
| YE | LLOW | / CLE | ARAN | ICE | | | | | 4 | | | 4 | | | 4 | | | | |
| RE | D CLE | EARAN | NCE | | | | | | | 3 | | | 2 | | | 2 | | | |
| W | ALK INTERVAL | | | | | 7 | | | 10 | | | 10 | | | , | | | | |
| PE | PEDESTRIAN CLEARANCE | | | | | 10 | | | 4 | | | 0 | | | | | | | |
| ME | MEMORY | | | | | | | | | | | | | | - | | | | |
| RE | RECALL | | | | | MAX | | | OFF | | | OFF | | | | | | | |
| */3 | CALL | | | | | | | | | | | | | | | | | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|--------------------|
| 1 | 90 | 18 | 50 | 15 | 25 | - |
| 2 | 100 | 57 | 50 | 20 | 30 | - |
| 3 | 100 | 20 | 58 | 15 | 27 | - |
| FLAS | SH OPERATION | - | - | - | - | - |

LOCATION: Congress Street and Boston Wharf Road

DATE: ____

INTERSECTION No.: 4057

DATE FIRST IN SERVICE:

| SEC | TION | No.: | SB |
|-----|------|------|----|
| | | | |

EXISTING CONDITIONS

| CLEAR | CLEARANCE TABLE | | | | | | 7 | | ر_ ا | L_ | | رم | k, | | |
|-------------------|------------------|--------------|-----------|-----|------------------|-------------|----------|----|-----------|------|---------------|----|-------------|----|--------------------|
| G R G G Y R - R W | - - - - | - W DW W FDW | *** | 7 7 | - + + H | 7 7 1 | <u>~</u> | | 7. 1 | 7 | ۲ <u>۲</u> | | r \\ | | FLASH OPERATION |
| STREET | DIR | FACE | | Ø1 | | | Ø2* | | | Ø3 | | | Ø4 | | |
| CONGRESS ST | EB | - | G | Υ | R | R | R | R | R | R | R | R | R | R | FY |
| CONGRESS ST | WB | - | G | Υ | R | R | R | R | R | R | R | R | R | R | FY |
| BOSTON WHARF | NB | - | R | R | R | G/GL | Y/YL | R | R | R | R | R | R | R | FR |
| BOSTON WHARF | SB | - | R | R | R | R | R | R | G/GL | Y/YL | R | R | R | R | FR |
| | | | | | | | | | | | | | | | |
| CROSSWALK | - | - | W/ FDW | DW | DW | DW | DW | DW | DW | DW | DW | W | FDW | DW | OFF |
| CROSSWALK | - | - | | | | | | | | | DW | | FDW | DW | OFF |
| CROSSWALK | - | - | | | DW | | | DW | W/ FDW | DW | DW | 8 | FDW | DW | OFF |
| | | TIMING | 3 IN | SEC | OND | S | | | | | | | | | |
| MINIMUM GREEN | | | 15 | | | 15 | | | 4 | | | | | | |
| EXTENSION | | | 3 | | | 3 | | | 3 | | | 3 | | | |
| MAXIMUM #1/#2 G | REEN | | -/- | | | -/- | | | -/- | | | | | | |
| YELLOW CLEARAN | ICE | | | 4 | | | 4 | | | 4 | | | | | |
| RED CLEARANCE | | | | | 2 | | | 2 | | | 2 | | | 1 | |
| WALK INTERVAL | 7 | | | 7 | | | 7 | | | 5 | | | | | |
| PEDESTRIAN CLEA | 10 | | | 10 | | | 11 | | | | 0 | | | | |
| | | | | | | | | | | | | | | | |
| MEMORY | | | | | | | - | | | - | | | - | | |
| RECALL | RECALL | | | | | | OFF | | | OFF | | | OFF | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | Ø4 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|-----|--------------------|
| 1 | 90 | 55 | 29 | 23 | 32 | 6 | - |
| 2 | 100 | 31 | 29 | 23 | 42 | 6 | - |
| 3 | 100 | 61 | 29 | 23 | 42 | 6 . | - |
| FLAS | SH OPERATION | - | - | - | _ | - | - |

LOCATION: Seaport Boulevard and B Street

DATE:

INTERSECTION No.: 2351

DATE FIRST IN SERVICE:

SECTION No.: SB

EXISTING CONDITIONS

| | CLEARANCE TABLE TO G R W T | | | | | | | | | | | | | | | | | | |
|------|---|------------------|------------------|------|----|----------|-------------------------------|-------|------------|----------|------|-------------|--|-----|-------|--------------|-------|----|--------------------|
| FROM | G R - - W | G G - - | R Y R - | | TO | W | DW - - - - FDW | | レ レ | ₹ | 7 (| У У. | † | 7 | مرحر. | - | | İ | FLASH OPERATION |
| | DW STF | L REET | - | DIR | - | FACE | DW | | Ø1 | | | Ø2* | | | Ø3 | | | | |
| SE | APOF | RT BL\ | /D | EB | | - | | G | Υ | R | R | R | R | R | R | R | | | FY |
| SE | APOF | RT BL\ | /D | EB | | - | | G | Υ | R | R | R | R | GR | YR | R | | | FY |
| SE | APOF | PORT BLVD WB - | | | | | G | Υ | R | R | R | R | R | R | R | | | FY | |
| В | STREE | TREET NB - | | | | | | R | R | R | R | R | R | G | Υ | R | | | FR |
| CF | ROSSWALK | | | | | | | DW | DW | DW | W | FDW | DW | DW | DW | DW | | | OFF |
| | | | | | | <u>-</u> | | | | | | | | | | | | | |
| | | | | | | | TIMIN | G IN | SEC | OND | S | | | | | | | | |
| MII | NIMUN | M GRE | EN | - | | · · | | 10 | | | _ | | | 9 | | | | | |
| EX | TENS | ION | | | | 794 | | 3 | | | 3 | | | 3 | | | | | |
| MA | XIMU | M #1/# | #2 GF | REEN | | ····· | | -/- | | | - | | | -/- | | | | | |
| YE | LLOW | / CLEA | ARAN | ICE | | | | | 4 | | | | | | 4 | | | | |
| RE | D CLE | EARAN | ICE_ | | | | | | | 1 | | | 1 | | | 1 | | | |
| WA | WALK INTERVAL | | | | | | | | | 7 | | | | | | | | | |
| PE | PEDESTRIAN CLEARANCE | | | | | | | | | | 14 | | | | | | | | |
| ME | MEMORY | | | | | | _ | | | | | | | | | | | | |
| RE | RECALL | | | | | | MAX | | | OFF | | | OFF | | | | | | |
| *012 | 602 PED RECALL FROM 7AM - 8PM OTHERWISE | | | | | | N/IQE | DIICL | DIIT | TON | ACTI | IATE | $\overline{}$ | | | L | - | | |

*Ø2 PED RECALL FROM 7AM - 8PM. OTHERWISE, PUSH-BUTTON ACTUATED MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | T | Ø1 | Ø2 | Ø3 | HOURS OF OPERATION |
|-------|--------------|----|----|----|----|--------------------|
| 1 | 90 | 81 | 43 | 22 | 25 | - |
| 2 | 100 | 3 | 41 | 22 | 37 | - |
| 3 | 100 | 90 | 53 | 22 | 25 | - |
| FLAS | SH OPERATION | _ | - | - | - | - |

| LOCATION: Sea INTERSECTION | | ulevard & East Servi | | <u>ad</u> | | | | | | | | MENT | | | | | | | DATE | SIGN DA | |
|-------------------------------|-------|----------------------|-----------|--------------|----------|-----------|----|---|-----|------|--------|----------|----|----------|---------------------------------------|----|--------|------|------|--|---------|
| CLEAR | | · | | | | لوله | | | 小 | | | A | | | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | | | | | |
| G R G G Y R - R | | TO | | <u>.</u> | <u> </u> | 7 | | Υ · · · · · · · · · · · · · · · · · · · | 7 7 | +ntr | L L | <i>)</i> | | ħ Ţ | → | | r L | | | | FLASH |
| STREET | DIR | FACE | | Ø1 | | | Ø2 | | | Ø3 | | | Ø4 | <u> </u> | | Ø5 | | | | | |
| SEAPORT BLVD | EB | - | G | Y | R | R | R | R | R | R | R | G | Υ | R | G | Υ | R | | | | FY |
| SEAPORT BLVD | EB | _ | G | Y | R | R | R | R | R | R | R | GL | YL | R | R | R | R | | | | F |
| SEAPORT BLVD | WB | _ | G | Y | R | R | R | R | R | R | R | R | R | R | R | R | R | | | | F |
| EAST SERVICE | NB | _ | R | R | R | G | Υ | R | R | R | R | R | R | R | R | R | R | | | | FF |
| NORTHERN AVE | SB | - | R | R | R | R | R | R | G | Υ | R | R | R | R | R | R | R | | | | FF |
| | | | | | | | | | | | | | | | | | | | | | |
| CROSSWALK | - | - | W/ FDW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | W/ FDW | DW | DW | | | | OF |
| CROSSWALK | - | - | DW | DW | DW | FDW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | | | | OF |
| CROSSWALK | - | - | DW | DW | DW | W/ FDW | DW | DW | FDW | DW | DW | DW | DW | DW | DW | DW | DW | | | | OF |
| CROSSWALK | - | - | DW | DW | DW | DW | DW | DW | FDW | DW | DW | DW | DW | DW | DW | DW | DW | | | | OF |
| | | | | | | | | | | | | | | | | | | | | | |
| MINIMUM GREEN | | | 13 | | | 8 | | | 8 | | | 5 | | | 2 | | | | | | |
| EXTENSION | | | 5 | | | 3 | | | 3 | | | 2 | | | 2 | | | | | | s |
| MAXIMUM #1/#2 GI | REEN | | -/- | | | - | | | -/- | | | -/- | | | -/- | | | | | | SECONDS |
| YELLOW CLEARAN | ICE | | | 4 | | | 4 | | | 4 | | | 4 | | | | | | | | |
| RED CLEARANCE | | | | | 3 | | | 2 | | | 2 | | | 2 | | | | | | 1 1 | 8 |
| WALK INTERVAL | | | 7 | | | 7 | | | 7 | | | | | | 4 | | | | | | |
| PEDESTRIAN CLEA | ARANC | E | 7 | | | 5 | | | 5 | | | | | | | | | | | | TIMING |
| MEMORY | | | | | | | | | | | | | | | | | | | | | |

COORDINATION INFORMATION (TIMES IN SECONDS) CYCLE CYCLE LENGTH OFFSET Ø1 Ø2 Ø3 Ø4 Ø5 **HOURS OF OPERATION TECHNICAL NOTES** 90 3 31 21 21 13 4

OFF

OFF

PED

OFF

MAX

RECALL

FLASH OPERATION

LOCATION: Seaport Boulevard and Sleeper Street DATE:

INTERSECTION No.: 3109 DATE FIRST IN SERVICE:

SECTION No.: SB

EXISTING CONDITIONS

| | | CL | EAR | ANCE | TABLE | | | | | | | | | | | | - | |
|----------|----------------------|---------------------------|-------------|------|-------|------------|-----------|-----------|-----|----------------|-----------|----------|----|-----|-----|----------|------|--------------------|
| MC | G R | G G - | R Y R | - | TO | | DW | | | + ₹ | | \ | | 7 | Ţ | ₹ | | FLASH OPERATION |
| FROM | - W DW | - - | - | - | - | _ W | FDW DW | • | Ķ | F | <u></u> | * | - | | , K | J | | OP |
| <u> </u> | STF | REET | | DIR | | FACE | | | Ø1 | Y**** | | Ø3 | | | Ø4 | | | |
| SE | APOF | RT BL | √ D | EB | | _ | ****** | G | Υ | R | R | R | R | R | R | R | | FY |
| SE | APOF | RT BL | ∕ D | WB | | _ | | G | Υ | R | R | R | R | G | Υ | R | | FY |
| SE | APOF | RT BL\ | /D | WB | | - | | G | Υ | R | R | R | R | GL | YL | R | | FY |
| SL | EEPE | R ST | | NB | | - | | R | R | R | G | Υ | R | R | R | R | | FR |
| SL | EEPE | R ST | | SB | | - | | R | R | R | G | Υ | R | R | R | R | | FR |
| | | | | | | | | | | | | | | | | | | |
| CF | ROSSV | VALK | | - | | - | | W/ FDW | DW | DW | DW | DW | DW | DW | DW | DW | | OFF |
| CF | ROSSV | VALK | | - | | - | | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | | OFF |
| | | | | | | | TIMIN | G IN | SEC | OND | S | | | | | | | |
| MII | NIMUN | И GRE | ΕĒΝ | | | | | 8 | | | 8 | | | 8 | | | | |
| EX | TENS | ION | | | | | | 2 | | | 2 | | | 2 | | | | |
| MA | XIMU | M #1/ | #2 GF | REEN | | | | -/- | | | - | | | -/- | | | | |
| YE | LLOW | CLE | ARAN | CE | | | | | 4 | | | 4 | | | 4 | | | |
| RE | D CLE | EARAI | NCE | | | | | | | 1 | | | 1 | | | 1 | | |
| WA | ALK IN | TERV | 'AL | | | | | 7 | | | 7 | | | | | | | |
| PE | PEDESTRIAN CLEARANCE | | | | | | | 7 | | | 12 | | | | | | | |
| ME | 1EMORY | | | | | | | | | | | _ | | | | | | |
| RE | ECALL | | | | | | | | MAX | | | OFF | | | OFF | | | |
| +00 | DUIGU | DUCH BUTTON ACTUATED ONLY | | | | | | | | | | | i | | | | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| | | | | 1 | , | TO LOCKBO) |
|-------|--------------|--------|----|----|----|--------------------|
| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø3 | Ø4 | HOURS OF OPERATION |
| 1 | 90 | 0 | 50 | 25 | 15 | - |
| 2 | 100 | 0 | 56 | 30 | 14 | - |
| 3 | 100 | 0 | 46 | 37 | 17 | - |
| FLAS | SH OPERATION | - | - | - | - | - |

LOCATION: Congress Street and Dorchester Avenue

DATE: ____

INTERSECTION No.: 361

DATE FIRST IN SERVICE:

SECTION No.: 13

EXISTING CONDITIONS

| | | CL | EAR | ANCE | TABLE | | | | | | | | | | | | | | |
|----------|-----------------------|----------------------------------|-------------|---------|-------------|------|-------------------------------|--------------|-----|----------|---|-------|----------|-----|-----|---------------|----------|-----------------|--------------------|
| FROM | G R - - W | G G - - | R Y R | | | W | DW - - - - FDW | 7 | | → | 7 | - | ۲ ا ۲ | 7 | • | 7 ∀ | | | FLASH OPERATION |
| _ | DW | - | - | | - | - | DW | | | | | | | | | | | | |
| | | REET | | DIR | | FACE | | <u></u> | Ø1 | Ι | | Ø2* | Υ | | Ø3 | | <u> </u> | | |
| | | ESS S | | EB | | - | | G | Υ | R | R | R | R | R | R | R | | | FY |
| \vdash | | ESS S | | WB | | - | | G | Υ | R | R | R | R | R | R | R | | | FY |
| DO | DRCHI | ESTEF | ₹ | NB | | - | | R | R | R | R | R | R | G | Y | R | | | FR |
| CF | ROSSI | NALK | | - | | | | DW | DW | DW | W | FDW | DW | DW | DW | DW | | | OFF |
| | | | | | | | | | | | | | | | | | | | |
| | | . 1211 | | | | | - | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | • | TIMIN | G IN | SEC | OND | S | | | | | | | | |
| MI | NIMU | M GRE | EN | | | | | 8 | | | - | | | 8 | | | | | |
| EX | TENS | ION | | | | | | 2 | | | - | | | 2 | | | | | |
| MA | AXIMU | M #1/# | #2 GF | REEN | | | | -/- | | | - | | | -/- | | | | | |
| YE | LLOV | / CLE | ARAN | ICE | | | | | 3 | | | | | | 3 | | | | |
| RE | D CLE | EARAN | NCE | | | | | | | 1 | | | 1 | | | 1 | | | |
| W | ALK IN | TERV | 'AL | | | | | | | | 7 | | | | | | | | |
| PE | DEST | RIAN | CLEA | RANC | E | | | | _ | | | 9 | | | | | | | |
| ME | EMORY | | | | | | | | _ | | | - | | | _ | | | | |
| RE | ECALL | | | | | | | | MAX | | | OFF | | | OFF | | | | |
| *0 | DED | DED DECALL EDOM ZAM ODM OTHERMAC | | | | | | | | | | | | | | | | | |

*Ø2 PED RECALL FROM 7AM-8PM. OTHERWISE, PUSH-BUTTON ACTUATED. MAX. #2 DURING COORDINATED OPERATION

| CYCLE | | | Ø1 | Ø2 | Ø3 | HOURS OF OPERATION |
|-------|--------------|----|----|----|----|--------------------|
| 1 | 90 | 63 | 42 | 17 | 31 | - |
| 2 | 100 | 52 | 35 | 17 | 38 | . - |
| 3 | 100 | 66 | 43 | 17 | 40 | - |
| FLAS | SH OPERATION | - | - | - | - | - |

| | TION: Con | | | | | n Place | 9 | | TON TR | | | | | | | | | | | | DESIGN DATE: DATE FIRST IN SERVICE: | | | | | | | |
|------------|-------------|--------|--------------|---------|----------|---------|----------|---|--------|------|-------------|--------------|----|-------------|-----|--|----------|----------|-----|----------|--|----------|------|--------|-------|---|---|-------------------|
| PROM - G W | G R G Y - R | | | | ₩ | 7 | ↓ | 小 ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ | | | 小 五 1 | | .r | ∆ | | Ψ Σ | 小 | Ч | 4 | | | | | | | | | FLASH |
| | REET | DIR | FACE | Ξ | | Ø1 | | | Ø2 | | | Ø3 | | | Ø4 | | | Ø5 | | | | | | | | | | |
| CONGRE | | EB | - | | G | Y | R | R | R | R | R | R | R | R | R | R | R | R | R | | | | | | | | | FR |
| CONGRE | | WB | - | | G | Y | R | R | R | R | R | R | R | R | R | R | G | Υ | R | | | | | | | | | FR |
| CONGRE | | WB | - | | G | Υ | R | R | R | R | R | R | R | R | R | R | GL | YL | R | | | | | | | | | FR |
| A STREE | | NB | - | | R | R | R | R | R | R | G | Y | R | R | R | R | R | R | R | | | | | | | | | FY |
| THOMSO | ON PLACE | SB | - | ···· | R | R | R | R | R | R | R | R | R | G | Y | R | R | R | R | | | | | | | : | | FY |
| CROSSV | VALK | - | | | DW | DW | DW | W | FDW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | | | | | | | | | OFF |
| | | | | | | | | | | | | | : | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | i | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | ! | |
| MINIMUN | / GREEN | | | | 8 | | | - | | | 8 | | | 10 | | | 8 | | | | | | | | | | | |
| EXTENS | ION | - | | | 2 | | | - | | | 2 | | | 2 | | | 2 | | | | | | | | | | | გე |
| MAXIMU | M #1/#2 GI | REEN | | | -/- | | | - | | | -/- | | | -/- | | | -/- | | | | | | | | | | | |
| YELLOW | CLEARAN | ICE | | | | 4 | | | | | | 4 | | | 4 | | | 4 | | | | | | | | | | SEC |
| RED CLE | ARANCE | | | | | | 1 | | | 1 | | | 2 | | | 2 | | | 1 | | | | | | | | | _ Z |
| WALK IN | TERVAL | | | | | | | 7 | | | | | | | | | | | | | | | | | | | | |
| PEDEST | RIAN CLEA | ARANCE | | | | | | | 11 | | | | | | | | | | | | | | | | | | | TIMING IN SECONDS |
| MEMORY | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RECALL | | | | | | MAX | | | OFF | | | OFF | | | OFF | —————————————————————————————————————— | | - OFF | | | | | | | | | | |
| | | | COORDI | ALATION | LINICO | | ON (TI | 450 1 | | NDO) | <u></u> | 011 | | | 011 | | | OFF | | | | <u> </u> | | | | | | |
| CYCLE | CYCLE L | ENGTH | OFFSET | | | 72 | Ø3 | VIES IN | | Ø5 | | | | | НС | URS (| OF OPE | RATIO | N I | | | - | TECH | INICAL | NOTES | | | |
| 1 | 90 | | 0 | 23 | | 9 | 14 | 21 | -+ | 13 | | | | | + | | - | | | <u> </u> | | | | | TOTE | | | |
| 2 | 10 | ***** | 0 | 25 | | 9 | 19 | 22 | | 15 | | | | | | | | | | | | | | | | | | |
| 3 | 10 | 0 | 0 | 15 | 1 | 9 | 17 | 27 | , | 22 | | | | | | | - | | | - | | | | | | | | |
| FLAS | H OPERA | TION | - | - | | - | - | - | | - | | | | | 1 | | - | | | • | | | | | | | | , |

LOCATION: Summer Street and West Side Drive

DATE: _____

INTERSECTION No.: 4111

DATE FIRST IN SERVICE:

SECTION No.: SB

EXISTING CONDITIONS

| | CLEAR | ANCE | TABLE | ĺ | | | | | | | | | | | | | |
|---------------------------------------|-----------|-------|-------|-----|-----|-----|----------|-------|----------|----|-----|----|---------|--------|----|----------|--------------------|
| G G G G G G G G G G G G G G G G G G G | S Y R | | | W | ₹ | ۲ | ₩ | 7 (| | | 캎 | ₹ | <u></u> | 구 구 | 50 | ₹ | FLASH OPERATION |
| STREE | T | DIR | FACE | VV | | Ø1 | | | Ø2* | | | Ø3 | | | Ø4 | | |
| SUMMER S | T | EB | - | | G | Υ | R | R | R | R | R | R | R | R | R | R | FY |
| SUMMER S | Т | WB | - | | G | Υ | R | R | R | R | R | R | R | Ğ | Υ | R | FY |
| SUMMER S | Т | WB | _ | | G | Υ | R | R | R | R | R | R | R | GL | YL | R | FY |
| WEST SIDE | DR | NB | - | | R | R | R | R | R | R | G | Υ | R | R | R | R | FY |
| CROSSWAL | CROSSWALK | | | | | | | W | FDW | DW | DW | DW | DW | DW | DW | DW | OFF |
| | | | | | | | | | | | | | | | | | |
| | | | TIM | ING | IN | SEC | L OND | S | <u> </u> | | | | | | | | |
| MINIMUM G | REEN | | | | 10 | | | _ | <u> </u> | | 10 | | | 6 | | | |
| EXTENSION | l | | | | 2 | | | - | | | 2 | | | 2 | | | |
| MAXIMUM # | 1/#2 G | REEN | | | -/- | | | - | | | -/- | | | -/- | | | |
| YELLOW CL | .EARAI | NCE | | | | 4 | | | | | | 4 | | | 4 | | |
| RED CLEAR | ANCE | | | | 2 | | | 1 | | | 2 | | , | 2 | | | |
| WALK INTE | RVAL | | | | | | 7 | | | | | | | | | | |
| PEDESTRIA | N CLE | ARANC | | | | | | 20 | | | | | | | | | |
| MEMORY | | | | | | | | | | - | | | | | | | |
| RECALL | | | | | MAX | | | OFF | | | OFF | | | OFF | | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | | OFFSET | Ø1 | Ø2 | Ø3 | Ø4 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|----|--------------------|
| 1 | 80 | 20 | 18 | 28 | 20 | 14 | - |
| 2 | 100 | 0 | 22 | 28 | 20 | 30 | - |
| 3 | 100 | 20 | 32 | 28 | 20 | 20 | - |
| FLAS | SH OPERATION | - | - | - | - | - | |

BOSTON TRANSPORTATION DEPARTMENT - AUTOMATIC TRAFFIC SIGNALS

OPERATION SCHEDULE

LOCATION: Summer Street and World Trade Center Avenue

DATE: _____

INTERSECTION No.: 664

DATE FIRST IN SERVICE:

SECTION No.: SB

EXISTING CONDITIONS

| | CLEARANCE TABLE TO G R W | | | | | | ١. | и. | | | 11 | | | 4. | | | | | |
|-----------|---------------------------|-------------|------------|--------|--------|---------------|------|-----|-----|---|----------|---------------------|--------------|-----|----------|---------------------------------------|-----|----------|--------------------|
| G R | G G | R Y R | _ | | - - | DW - - | , | 14 | ** | | 1Ч • | 1 <u>1</u> <u>1</u> | * | 1`→ | 12 | • • • • • • • • • • • • • • • • • • • | 14 | <u>₹</u> | FLASH OPERATION |
| M DM - | - - | - | - | - - | - W | FDW DW | 7 | 7 | F | 7 | <u>ب</u> | ታ ፑ | 7 | 4, | - | 7 | 7 | ٠ ٢ | OPE |
| STRE | ET | | DIR | | FACE | | | Ø1 | | | Ø2* | | | Ø3 | | | Ø4 | | |
| SUMMER S | ST | | EB | | - | | G | Υ | R | R | R | R | R | R | R | R | R | R | FY |
| SUMMER S | ST | | EB | | - | | G | Υ | R | R | R | R | R | R | R | GL | YL | R | FY |
| SUMMER S | ST | | WB | | - | | G | Υ | R | R | R | R | R | R | R | R | R | R | FY |
| SUMMER S | ST | | WB | | _ | | G | Υ | R | R | R | R | R | R | R | GL | YL | R | FY |
| WORLD TF | RADE | | NB | | - | . | R | R | R | R | R | R | G | Υ | R | R | R | R | FR |
| WORLD TF | VORLD TRADE SB - | | | | | R | R | R | R | R | R | G | Υ | R | R | R | R | FR | |
| | | | | | | | | | | | | | | | | | | | |
| CROSSWA | LK | | - | | - | | DW | DW | DW | 8 | FDW | DW | DW | DW | DW | DW | DW | DW | OFF |
| | | | <u>.</u> . | | 7 | IMINO | 3 IN | SEC | OND | S | | | | | | | | | |
| MINIMUM (| GRE | EN | | | | | 10 | | | ı | | | 10 | | | 6 | | | |
| EXTENSIO | N | | | | | | 2 | | | - | | | 2 | | | 2 | | | |
| MAXIMUM | #1/# | 2 GR | REEN | | | | -/- | | | - | | | -/- | | | -/- | | | |
| YELLOW C | LEA | RAN | CE | | | | | 4 | | | | | | 4 | | | 4 | | |
| RED CLEA | RED CLEARANCE | | | | | | | | 2 | | | 1 | | | 2 | | | 1 | |
| WALK INTE | WALK INTERVAL | | | | | | | | | 7 | | | | | | | | | |
| PEDESTRIA | PEDESTRIAN CLEARANCE | | | | | | - | | | | 18 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| MEMORY | IEMORY | | | | | | | - | | | - | | 1 | - | | | - | | |
| RECALL | RECALL | | | | | | | MAX | | | OFF | | | OFF | | | OFF | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | Ø4 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|----|--------------------|
| 1 | 80 | 10 | 20 | 26 | 20 | 14 | - |
| 2 | 100 | 10 | 24 | 26 | 20 | 30 | - |
| 3 | 100 | 10 | 34 | 26 | 20 | 20 | - |
| FLAS | SH OPERATION | • | _ | - | - | - | - |

LOCATION: Seaport Boulevard and Boston Wharf Road

DATE: _____

INTERSECTION No.: 3108

DATE FIRST IN SERVICE:

SECTION No.: SB

EXISTING CONDITIONS

| CLE | ARANCE | TABLE | | | | | | | | | | | | | |
|---------------|-----------|---------|----------|-----|----------|-----|---------|----------|--------------|------------|---------|-----|----|----------|--------------------|
| MOM | R - Y - R | TO W Di | T | γ. | ₹ | 7 | | 1 | - | <u>مام</u> | <u></u> | 7 | 7 | ₹ | FLASH OPERATION |
| STREET | DIR | FACE | | Ø1 | | | Ø2* | | | Ø3 | | | Ø4 | | |
| SEAPORT BLV |) EB | - | G | Υ | R | R | R | R | R | R | R | R | R | R | FY |
| SEAPORT BLV |) WB | - | G | Υ | R | R | R | R | R | R | R | G | Υ | R | FY |
| SEAPORT BLV |) WB | _ | G | Υ | R | R | R | R | R | R | R | GL | YL | R | FR |
| BOSTON WHAF | RF NB | _ | R | R | R | R | R | R | G | Υ | R | R | R | R | FR |
| | | | | | | | | | | | | | | | |
| CROSSWALK | - | - | DW | DW | DW | W | FDW | DW | DW | DW | DW | DW | DW | DW | OFF |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | TIM | NG IN | SEC | OND | S | · | | | | | | | | |
| MINIMUM GREE | <u> </u> | | 15 | | | - | | | 6 | | | 6 | | | |
| EXTENSION | | | 3 | | | - | | | 3 | | | 3 | | | |
| MAXIMUM #1/#2 | GREEN | | -/- | | | - | | | -/- | | | -/- | | | |
| YELLOW CLEAF | RANCE | | | 4 | | | | | | 4 | | | 4 | | |
| RED CLEARANC | CE | | | 3 | | | 2 | | | 2 | | | 2 | | |
| WALK INTERVA | L | | | | 7 | | | | | | | | | | |
| PEDESTRIAN C | LEARANC | E | | | | | 18 | | | | | | | | |
| | | | | | | | | | | | | | | | |
| MEMORY | | | - | | | - | | | - | | | - | | | |
| RECALL | | | MAX | | | OFF | | | OFF | | | OFF | | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | Ø4 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|----|--------------------|
| 1 | 90 | 73 | 22 | 27 | 21 | 20 | - |
| 2 | 100 | 84 | 30 | 27 | 19 | 24 | - |
| 3 | 100 | 81 | 26 | 27 | 23 | 24 | - |
| FLAS | SH OPERATION | - | - | _ | - | _ | - |

LOCATION: South Station Connector (SSCONN) and Albany Street DATE:

INTERSECTION No.: 4110

DATE FIRST IN SERVICE:____

| SEC | TION | No.: | 11 |
|-----|------|------|----|
| | | | |

EXISTING CONDITIONS

| | CL | .EAR | ANCE | TABLE | | |] ,, | , >- | | | <u> </u> | | 11 | <u> </u> | | | | _ |
|---|-----------------------|-------|------|-------------|------|-------------|-----------|------|-----|---|----------|----|---------|----------|--------------|---|---|--------------------|
| FROM DW G G G G G G G G G G G G G G G G G G | G G - - - | R Y R | | TO | W | DW FDW DW | - *** | | 44 | - | | ** | i | | F | | | FLASH OPERATION |
| STF | REET | | DIR | | FACE | | | Ø1 | | | Ø2* | | | Ø3 | | | | |
| SSCON | 1 | | WB | | - | | R | R | R | R | R | R | G | Υ | R | | | FR |
| ALBANY | STRE | ET | SB | _ | - | | G | Y | R | R | R | R | R | R | R | ! | | FY |
| CROSSV | VALK | | - | | _ | | DW | DW | DW | w | FDW | DW | DW | DW | DW | | | OFF |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | , | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | TIMIN | G IN | SEC | OND | S | · | | | | , | | | |
| MINIMUN | / GRE | EN | | | | | 8 | | | - | | | 8 | | | | | |
| EXTENS | ION | | | | | | 2 | | | • | | | 2 | | | | | |
| MAXIMU | M #1/# | #2 GF | REEN | | | | -/- | | | - | | | -/- | | | | · | |
| YELLOW | CLEA | ARAN | ICE | | | | | 3 | | | | | | 3 | | | | |
| RED CLE | ARAN | ICE | | | | | | | 2 | | | 1 | | | 2 | | | |
| WALK IN | TERV | AL | | | | _ | | | | 7 | | | | | | | | |
| PEDEST | RIAN | CLEA | RANC | E | | | | | | | 17 | | | | | | | |
| | - , | | | | | | | | | | | | | | | | | |
| MEMOR' | Y | | | | | | | - | | | - | | | - | | | | |
| RECALL | | | | | | | | MAX | | | OFF | | | OFF | | | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|--------------------|
| 1 | 90 | 51 | 45 | 25 | 20 | - |
| 2 | 100 | 0 | 55 | 25 | 20 | - |
| 3 | 100 | 57 | 55 | 25 | 20 | - |
| FLAS | SH OPERATION | - | - | - | _ | - |

LOCATION: Broadway Bridge and Frontage Road Northbound (FRNB)

DATE:

INTERSECTION No.: 4114

DATE FIRST IN SERVICE:

SECTION No.: 19

EXISTING CONDITIONS

| | CL | EAR. | ANCE | TABLE | | | | | | | | | | | . "" | | | |
|---|---|-------------|-------|---------------|------|-----------|-----------|----------|--|------------|----------|--------|------------|----------|------|-------------|------|--------------------|
| PROM DM C C C C C C C C C C C C C C C C C C | G G - - - | R Y R | | TO | - W | DW FDW DW | | † † † | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | ≱ . | TT1 | + F | ♣ . | TT | - A | | | FLASH OPERATION |
| STR | REET | | DIR | | FACE | | | Ø1 | | | Ø3 | | | Ø4 | | | | |
| TRAVELI | ER ST | • | EB | | - | | R | R | R | G | Υ | R | G | Υ | R | | | FR |
| TRAVEL | ER ST | | EB | | - | | R | R | R | GL | YL | R | R | R | R | | | FR |
| BROADV | VAY | | WB | | | | R | R | R | R | R | R | G | Υ | R | | | FR |
| FRNB | | | NB | | - | | G | Υ | R | R | R | R | O | Υ | R | | | FY |
| | | | | | | | | | | | | | | | | | | |
| CROSSV | VALK | | - | | - | | W/ FDW | | DW | | | | | DW | DW | | | OFF |
| CROSSV | VALK | | - | | - | | DW | DW | DW | W/ FDW | DW | DW | W/ FDW | DW | DW | | | OFF |
| <u> </u> | | | | | | | | | | | | | | | | | | |
| | | | | <u></u> | | TIMING | 3 IN | SEC | OND | S | | | | | | | | |
| MINIMUN | 1 GRE | EN | | | | | 25 | | | 13 | | | 8 | | | | | |
| EXTENSI | ON | | | | | | 2 | | | - | | | 2 | | | | | |
| | | | | | | | -/- | | | -/- | | | -/- | | | | | |
| YELLOW | CLEA | RAN | CE | | | | | 4 | | | 4 | | | 4 | | | | |
| RED CLE | ARAN | ICE | | | | | | | 2 | | | 2 | | | 2 | | | |
| WALK IN | TERV | AL | | ,, | | | 7 | | | 7 | | | | | | | | |
| PEDEST | RIAN | CLEA | RANC | E | | | 18 | | | 6 | | | 6 | | | | | |
| MEMORY | ROSSWALK TII ROSSWALK TII NIMUM GREEN CTENSION AXIMUM #1/#2 GREEN ELLOW CLEARANCE ED CLEARANCE ALK INTERVAL EDESTRIAN CLEARANCE | | | | | | | | | | | | | | | | | |
| RECALL | | | | _ | | | | - MAX | | | - OFF | | | - OFF | | | | |
| MAY #2 D | LIDINO | | DDINA | TED OD! | | | | VI/\/\ | <u>,</u> | | <u> </u> | | • | | | | | |

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø3 | Ø4 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|--------------------|
| 1 | 80 | 75 | 32 | 19 | 29 | - |
| 2 | 100, | 37 | 45 | 20 | 35 | - |
| 3 | 100 | 38 | 40 | 19 | 41 | - |
| FLAS | SH OPERATION | - | - | - | - | - |

LOCATION: Bennington Street at Neptune Road & RT 1A INTERSECTION No.: 450 SECTION No.: N/A

BOSTON TRANSPORTATION DEPARTMENT - AUTOMATIC TRAFFIC SIGNALS OPERATION SCHEDULE - EXISTING CONDITIONS

DESIGN DATE: ______
DATE FIRST IN SERVICE: _____

| CLEAR | ANCE | TARI F | 1, | | | | | | T | | | T | | | | | | l | | | Τ | | | | | | $\overline{1}$ |
|-----------------------|------|-------------------|--------|--------|----------|--------|------------|------------|--------|-------|----------|----------|----------|----|--------|----------|----------|-----|----------|----------------------|-------|----------------|------|-------|----------|---------------------|--------------------|
| | | TO | -41 | - | . | 414 | י —•• ∓ | + - | 11 | Å | - | 시ト | Å | - | 1 | _ | - | 네ト | _ | _ | 414 | | 4_ | 시ト | _ | | |
| G R G G Y R - R | | - W DW | 구 구 | 도 건 | 17 | 고 기 | 불 | | 스 기 | ₹ | <u> </u> | <u>}</u> | ₹ | F | 고 고 | <u>7</u> | <u> </u> | 겊 | <u>}</u> | <u>-</u> - | 그 | 7. 7. 1. | | 그 | <u>}</u> | <u></u> ★ | FLASH OPERATION |
| M M M | - | - W FDW DW | * | 11- | ካፑ | , - | 11- | 5F | · | Th | ۲H | \ \ \ | T | ٢F | I - | 11· | 5 F | - | ΓÞ | ٦ħ | K | ΙΉ | ~ t- | ٦ ٦ | īÞ | 5 F | g |
| STREET | DIR | FACE | | Ø1 | | | Ø2 | | | Ø3 | | | Ø4 | | | Ø5 | | | Ø6 | | | Ø7 | | | Ø8 | | |
| NEPTUNE RD. | EB | - | R | R | R | R | R | R | R | R | R | G | Υ | R | R | R | R | R | R | R | R | R | R | R | R | R | FR |
| NEPTUNE RD. | WB | - | R | R | R | R | R | R | G | Υ | R | G | Υ | R | R | R | R | R | R | R | R | R | R | R | R | R | FR |
| NEPTUNE RD. | WB | - | R | R | R | R | R | R | GL | YL | R | G | Υ | R | R | R | R | R | R | R | R | R | R | R | R | R | FR |
| BENNGINTON ST. | NB | - | G | Υ | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | FY |
| BENNGINTON ST. | SB | - | G | Υ | R | R | R | R | R | R | R | R | R | R | G | Υ | R | R | R | R | R | R | R | R | R | R | FY |
| BENNGINTON ST. | SB | - | G | Υ | R | R | R | R | R | R | R | R | R | 、R | GL | YL | R | R | R | R | R | R | R | R | R | R | FY |
| NEPTUNE RD. | EB | - | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | G | Υ | R | R | R | R | G | Υ | R | FY |
| NEPTUNE RD. | EB | - | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | GL | YL | R | R | R | R | G | Υ | R | FY |
| NEPTUNE RD. | WB | _ | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | G | Υ | R | FY |
| RT 1A RAMP | NB | - | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | G | Υ | R | R | R | R | FR |
| CROSSWALK | - | - | DW | DW | DW | W | FDW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | OFF |
| CROSSWALK | - | - | DW | DW | DW | W | FDW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | W/FDW | DW | DW | DW | DW | DW | OFF |
| CROSSWALK | - | - | DW | DW | DW | W | FDW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | W/FDW | DW | DW | OFF |
| MINIMUM GREEN | | | 8 | | | - | | | 6 | | | 6 | | | 8 | | | 8 | | | 6 | | | 8 | | | |
| EXTENSION | | | 2 | | | - | | | 2 | | | 2 | | | 2 | | | 2 | | | 2 | | | 2 | | | DS |
| MAXIMUM #1/#2 GF | REEN | | | | | - | | | -/- | | | -/- | | | -/- | | | -/- | | | -/- | | | -/- | | | CONDS |
| YELLOW CLEARAN | CE | | -/- | | | | | - | | 4 | | | 4 | | | 4 | | | 4 | | | 4 | | | 4 | | SEC |
| RED CLEARANCE | | | | 4 | 1 | | | 1 | | | 1 | | | 1 | | | 3 | | | 1 | | | 1 | | | 1 | 뫁 |
| WALK INTERVAL | | | | | | 7 | | | | | | | | | | | _ | | | | 7 | | | 7 | | - | <u>8</u> |
| PEDESTRIAN CLEA | RANC | E | | | | | 17 | | | | | | | | | | | | | | 7 | | | 4 | | | TIMING |
| MEMORY | | | | | | | -] | | | - | | | - | | | - | | | - | | | - | | | - | | |
| RECALL | | | | MAX | | | OFF | | | OFF | | | OFF | | | OFF | | | MAX | | | OFF | | | OFF | | |

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | Ø4 | Ø5 | Ø6 | Ø7 | Ø8 | HOURS OF OPERATION | | TECHNICAL NOTES | |
|-------|--------------|--------|----|----|----|----|----|----|----|----|--------------------|---|-----------------|--------|
| 1 | 120 | 0 | 20 | 25 | 23 | 23 | 29 | 45 | 34 | 41 | - | - | | |
| 2 | 120 | 0 | 20 | 25 | 23 | 23 | 29 | 45 | 34 | 41 | - | - | | ****** |
| 3 | 120 | 0 | 20 | 25 | 23 | 23 | 29 | 45 | 34 | 41 | - | - | | |
| FLAS | SH OPERATION | _ | - | - | - | - | - | _ | - | - | - | - | | |

LOCATION: South Station Connector (SSCONN) and Ramps K&X DATE:

INTERSECTION No.: 4109

DATE FIRST IN SERVICE:

SECTION No.: 11

EXISTING CONDITIONS

| | | CL | EAR | ANCE | TABLE | | | | | | L | —— | | L | —— ∱ | | | |
|------|-----------------------------|-----------------------|-------|------|-------|--------|-----------|--------|-------------|-----------|--------|-----|--------------|--------------|---------|----------|------|--------------------|
| FROM | G R - - W DW | G G - - - | R Y R | | TO | W | DW FDW DW | 7 7 | † † | <u>₹</u> | | | - <u>-</u> - | } | | <u>↓</u> | | FLASH OPERATION |
| | STF | REET | | DIR | | FACE | | | Ø1 | | | Ø2 | | | Ø5 | | | |
| SS | CON | ١ | | EB | | _ | | R | R | R | R | R | R | G | Υ | R | | FR |
| SS | CON | 1 | | EB | | - | | ·R | R | R | GR | YR | R | G | Υ | R | | FR |
| SS | CON | 1 | | WB | | - | | R | R | R | R | R | R | G | Υ | R | | FR |
| RA | MP K | | | NB | | - | | G | Υ | R | R | R | R | R | R | R | | FY |
| LIN | 1COL1 | N ST | | SB | | _ | | G | Y | R | R | R | R | R | R | R | | FY |
| CF | ROSSWALK | | | | | | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | | OFF | |
| | | | | | | | | | | | FDW | | | | | | | |
| | | | | | | ****** | TIMIN | G IN | SEC | | s S | L | | | | | | • |
| МІ | NIMUN | и GRE | EN | | | | | 10 | | | 8 | | | 9 | | | | |
| EX | TENS | ION | | | | | W-1-2 | 2 | | | - | | | 2 | | | | |
| MA | XIMU | M #1/ | #2 GF | REEN | | - | | -/- | | | -/- | | | -/- | | | | |
| YE | LLOW | CLEA | ARAN | ICE | | | | | 4 | | | 4 | | | 4 | | | |
| RE | D CLE | EARAN | NCE | | | | | | | 2 | | | 2 | | | 2 | | |
| W | ALK IN | TERV | 'AL | | | | | | | | 7 | | | | | | | |
| PE | DEST | RIAN | CLEA | RANC | E | | | | | | 8 | | | | | | | |
| ME | MOR | Y | | | | | | | | | | _ | | <u></u> | | | | |
| RE | CALL | | | | | | | | MAX | | | OFF | | | OFF | | | |
| | | | | - | | | | | | | | | | | | | | |

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | | Ø1 | Ø2 | Ø5 | HOURS OF OPERATION |
|-------|--------------|----|----|----|----|--------------------|
| 1 | 90 | 84 | 44 | 21 | 25 | - |
| 2 | 100 | 76 | 54 | 21 | 25 | - |
| 3 | 100 | 94 | 54 | 21 | 25 | - |
| FLAS | SH OPERATION | - | - | - | - | - |

LOCATION: E. Berkeley Street/FRNB/Albany Street/W. 4th Street DATE:

INTERSECTION No.: 312

DATE FIRST IN SERVICE:

SECTION No.: 19

EXISTING CONDITIONS

| CLI | W | | | | | الدا | 1 | | الدا | 1 | | 11T | 1 | | ᅦᅦ | 1 | | _ |
|----------------|------------------|---------------|---|-------|-----------|------|-----|---------|--|-----|-----------------------|-----|-----|-----------------|-------------------------------------|----------|----------|--------------------|
| WO H - G G G R | Y R - - | | | - | DW FDW DW | | F | ≦ M~ | - <u>- </u> <u>- </u> | \ | ¶ - , } | | ₹. | गांत वात | · - · · - · · · · · · · · · · · · · | ₹ | ≦ ∽th | FLASH OPERATION |
| | | DIR | F | ACE | | | Ø1 | | | Ø2 | | | Ø3 | | | Ø4 | | |
| W 4th ST | | WB | | _ | | R | R | R | R | R | R | G | Υ | R | G | Υ | R | FR |
| W 4th ST | | WB | | - | | R | R | R | R | R | R | G | Υ | R | R | R | R | FR |
| FRNB | | NB | | _ | | G | Υ | R | R | R | R | R | R | R | G | Υ | R | FY |
| ALBANY ST | | SB | | - | | G | Υ | R | G | Υ | R | R | R | R | R | R | R | FY |
| | | | | | | | | | | | | | | | | | | |
| CROSSWALK | | | | ····· | W/ FDW | DW | DW | ייי | | | | DW | DW | DW | DW | DW | OFF | |
| CROSSWALK | | | | | DW | DW | DW | | | DW | | | _ | | | | OFF | |
| CROSSWALK | | -] | | - | | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | DW | DW | DW | OFF |
| | | - | | - | LIMIN | 3 IN | SEC | OND | S | | | | | | | | | |
| MINIMUM GRE | EN | | | | | 11 | | | 10 | | | 8 | | | 8 | | | |
| EXTENSION | | . | | *** | | 2 | | | 2 | | | 2 | | | 2 | | | |
| MAXIMUM #1/# | 2 GF | REEN | | | | -/- | | | -/- | | | -/- | | | -/- | | | |
| YELLOW CLEA | RAN | CE | | | | | 4 | | | 4 | | | 3 | | | 3 | | |
| RED CLEARAN | CE | 77811 | | | | | | 2 | | | 2 | | | 2 | | | 2 | |
| WALK INTERVA | AL | | | | | 8 | | | 7 | | | 7 | | | 7 | | | |
| PEDESTRIAN C | LEA | RANC | E | | - | 4 | | | 13 | | | 10 | | | 7 | | - | |
| | | | | | | | | | | | | | | | | | | |
| MEMORY | | | | | | | _ | | | - | | | - | | | - | | |
| RECALL | | | | | | | MAX | | - | OFF | | | OFF | | | OFF | | |

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | Ø4 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|----|--------------------|
| 1 | 90 | 0 | 18 | 26 | 23 | 23 | - |
| 2 | 100 | 55 | 18 | 26 | 30 | 26 | - |
| 3 | 100 | 55 | 18 | 26 | 30 | 26 | - |
| FLAS | SH OPERATION | - | = | - | - | - | - |

LOCATION: Traveler Street and Albany Street

DATE:

INTERSECTION No.: 4115

DATE FIRST IN SERVICE:

SECTION No.: 19

EXISTING CONDITIONS

| CLEA | RANCE | TABLE | | 112 | | | 144 | | | 1 <u>}</u> | | | | | |
|-----------------|--------------|-------|------------------------|----------------------------|-----|----|---------|-------|-----|----------------|----|--|---|---|--------------------|
| HROM | R | TO | - Z' - | 1 ↓ · ·· | | Σ' | | † | 7- | .1TA A | | | | | FLASH OPERATION |
| STREET | DIR | FACE | | Ø1 | | | Ø2* | | | Ø3 | | | | | |
| TRAVELER ST | EB | | R | R | R | R | R | R | G | Υ | R | | : | | FR |
| ALBANY ST | SB | - | G | Υ | R | R | R | R | R | R | R | | | | FY |
| CROSSWALK | - | | W/ FDW | DW | DW | W | FDW | DW | DW | DW | DW | | | | OFF |
| CROSSWALK | - | - | | | DW | | FDW | DW | DW | DW | DW | | | | OFF |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | - | TIMIN | G IN | SEC | OND | S | | | | | | | | | |
| MINIMUM GREEN | | | 8 | | | - | | | 8 | | | | | | |
| EXTENSION | | | 2 | | | - | | | 2 | | | | | | |
| MAXIMUM #1/#2 (| REEN | | - /- | | | - | | | -/- | | - | | | | |
| YELLOW CLEARA | NCE | | | 4 | | | | | | 4 | | | | | |
| RED CLEARANCE | | | | | 1 | | | 1 | | | 1 | | | - | |
| WALK INTERVAL | | | 7 | | | 7 | | | | | | | | | |
| PEDESTRIAN CLE | ARANG | CE | 12 | | | | 8 | | | | | | | | |
| | | | | | | | | | | | | | | | |
| MEMORY | | | | - | | | - | | | - | | | | | |
| RECALL | | | | MAX | | | OFF | | | OFF | | | | | |

*Ø2 PUSH-BUTTON ACTUATED ONLY

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | 1 | Ø1 | Ø2 | Ø3 | HOURS OF OPERATION |
|-------|--------------|----|----|----|----|--------------------|
| 1 | 80 | 50 | 49 | 16 | 15 | - |
| 2 | 100 | 60 | 64 | 16 | 20 | |
| 3 | 100 | 64 | 64 | 16 | 20 | _ |
| FLAS | SH OPERATION | - | | - | - | - |

BOSTON TRANSPORTATION DEPARTMENT - AUTOMATIC TRAFFIC SIGNALS **OPERATION SCHEDULE** LOCATION: Herald Street and Albany Street DATE: ____ DATE FIRST IN SERVICE: **INTERSECTION No.: 70 SECTION No.: 9 EXISTING CONDITIONS CLEARANCE TABLE** Ш DW G R R W FDW DW DW STREET DIR **FACE** Ø1 Ø2 **HERALD ST** EB Υ G R R R R FΥ **ALBANY ST** SB R R R G Υ R FR W DW DW DW DW DW CROSSWALK OFF DW DW DW W DW DW **CROSSWALK OFF TIMING IN SECONDS** MINIMUM GREEN 8 **EXTENSION** 2 2 MAXIMUM #1/#2 GREEN YELLOW CLEARANCE 4 RED CLEARANCE 1 1 WALK INTERVAL 7 7 PEDESTRIAN CLEARANCE 11 7 **MEMORY RECALL** MAX **OFF** MAX. #2 DURING COORDINATED OPERATION COORDINATION INFORMATION (TIMES IN SECONDS) CYCLE CYCLE LENGTH OFFSET Ø1 Ø2 HOURS OF OPERATION 1 90 70 39 51 2 80 25 32 48

3

100

FLASH OPERATION

4

45

55

LOCATION: MBTA Driveway (near Randolph) and Albany Street

| DAT | E: | |
|-----|----|--|

INTERSECTION No.: 1333

DATE FIRST IN SERVICE: _____

| SEC | TIOIT | N No |) .: | 19 |
|-----|--------------|------|-------------|----|
| | | | | |

EXISTING CONDITIONS

| | | | | | | | | 111 | <i>y</i> | | 11 | <i></i> | | 117 | <i></i> | | 411 | <i>\</i> | _ |
|-----------|-----------------------|-------------|-------------|---------|----------|---------------------------------------|-----------|-------------|----------|-----------|---|---------|-----------|------|----------|-----------|------|----------|--------------------|
| G R W DW | G G - - - | R Y R | | | W | DW - - - - - FDW | \\\\\ | <i>A</i> 11 | | 7. Z. | N. A. A. A. A. A. A. A. A. A. A. A. A. A. | | 7 | 14 - | <u>-</u> | Z' | 14 - | ·-• | FLASH OPERATION |
| STF | REET | | DIR | | FACE | · · · · · · · · · · · · · · · · · · · | | Ø1 | | | Ø2 | | | Ø3 | | | Ø4 | | |
| MBTA D | RIVE | | EB | | - | | R | R | R | R | R | R | G | Υ | R | R | R | R | FR |
| ALBANY | ST | | NB | | - | | R | R | R | R | R | R | R | R | R | GR | YL | R | FR |
| ALBANY | ST | | SB | | - | | G | Υ | R | G | Υ | R | R | R | R | R | R | R | FY |
| ALBANY | ST | | SB | | - | | GL | YL | R | GL | YL | R | R | R | R | R | R | R | FY |
| ALBANY | BANY ST SB - | | | | | | GR | YR | R | R | R | R | R | R | R | R | R | R | FY |
| CROSSV | ROSSWALK | | | | | | W/ FDW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | DW | DW | DW | OFF |
| CROSSV | OSSWALK | | | | | | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | W/ FDW | DW | DW | OFF |
| CROSSV | NALK | | - | | - | | DW | DW | DW | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | OFF |
| | | | | | - | TIMING | 3 IN | SEC | OND | S | | | | | | | | | |
| MINIMUN | M GRE | EN | | | | | 15 | | | 15 | | | 12 | | | 10 | | | |
| EXTENS | ION | | | | | | 2 | | | 2 | | | 2 | | | 2 | | | |
| MAXIMU | M #1/# | #2 GF | REEN | | | | -/- | | | -/- | | | -/- | | | -/- | | | |
| YELLOW | / CLE/ | ARAN | ICE | | | | | 4 | | | 4 | | | 4 | | | 4 | | |
| RED CLE | EARAN | VCE | | | | | | | 2 | | | 2 | | | 3 | | | 2 | |
| WALK IN | ITERV | 'AL | | <u></u> | | | 7 | | | 7 | | | 7 | | | 7 | | | |
| PEDEST | PEDESTRIAN CLEARANCE | | | | | | 3 | | | 3 | | | 3 | | | 3 | | | |
| MEMOR | MEMORY | | | | | | | - | | | - | | | _ | | | | | |
| RECALL | | | | | | | | MAX | | | OFF | | | OFF | | | MAX | | |
| 144V 40 E | | | | | | | | | | | | | | | | | | | - |

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø3 | Ø4 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|----|--------------------|
| 1 | 80 | 18 | 23 | 21 | 19 | 17 | - |
| 2 | 100 | 95 | 24 | 21 | 20 | 35 | - |
| 3 | 100 | 40 | 29 | 21 | 20 | 30 | - |
| FLAS | SH OPERATION | - | - | - | _ | - | • |

BOSTON TRANSPORTATION DEPARTMENT - AUTOMATIC TRAFFIC SIGNALS **OPERATION SCHEDULE** LOCATION: I-93 Ramp A2&1 and Frontage Road Southbound DATE: _____ **INTERSECTION No.: 9993** DATE FIRST IN SERVICE: _____ SECTION No.: 7 **EXISTING CONDITIONS CLEARANCE TABLE** $\nu 1$ W DW FLASH F G G R R --W. FDW DW DW STREET DIR **FACE** Ø1 Ø2 **RAMP** WB R R R G R FR FRONTAGE RD SB G Υ R R R R FY

TIMING IN SECONDS

| MINIMUM GREEN | 8 | | | 8 | | | | | |
|----------------------|-----|-----|---|-----|-----|---|--|------|--|
| EXTENSION | 2 | | | 2 | | | | | |
| MAXIMUM #1/#2 GREEN | -/- | | | -/- | | | | | |
| YELLOW CLEARANCE | | 4 | | | 4 | | | | |
| RED CLEARANCE | | | 2 | | | 2 | | | |
| WALK INTERVAL | | | | | | | | | |
| PEDESTRIAN CLEARANCE | | | | | | | | | |
| | | | | | | | | | |
| MEMORY | | - | | | - | | | | |
| RECALL | | MAX | | | OFF | | | | |

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|--------------------|
| 1 | 90 | 0 | 32 | 58 | - |
| 2 | 100 | 0 | 47 | 53 | - |
| 3 | 100 | 0 | 35 | 65 | - |
| FLAS | SH OPERATION | _ | _ | - | - |

LOCATION: Nashua Street and Martha Road DATE:

INTERSECTION No.: 2248

DATE FIRST IN SERVICE:

SECTION No.: 23

EXISTING CONDITIONS

| | CLEARANCE TABLE | | | | | | | | | | | 11 | | | | ., | |
|------|---|-----------------------|------------------|------|--|----------|-------------|-----------|------------|------|-------------|-----|----|------|----------|----|--------------------|
| FROM | G R - - W DW | G G - - - | R Y R - | | TO | W | DW FDW DW | | ↓ ↓ | 11 | - | | 7 | | | | FLASH OPERATION |
| | STF | REET | | DIR | | FACE | | | Ø1 | | | Ø2 | | | | | |
| NA | SHUA | ST | | WB | | - | | R | Υ | R | G | Υ | R | | | | FR |
| MA | RTHA | RD | | SB | | - | | G | Υ | R | R | R | R | | | | FY |
| CR | ossv | VALK | | - | • | - | | W/ FDW | DW | DW | DW | DW | DW | | | | OFF |
| CR | OSSV | VALK | | - | ļ. ———————————————————————————————————— | - | | DW | DW | DW | W/ FDW | DW | DW | | <u> </u> | | OFF |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | ······································ | | | | | | TIMIN | G IN | SEC | | | | | | | | |
| MIN | IMUN | /I GRE | EN | | | | | 15 | | 0.10 | 15 | | | | | | |
| EX | TENS | ION | | | | <u>.</u> | | 3 | | | 3 | | | | | | |
| MA | XIMU | M #1/# | #2 GF | REEN | | | | -/- | | | -/- | | | | | | |
| YEI | LOW | CLEA | RAN | ICE | | | | | 4 | | | 4 | | | | | |
| REI | D CLE | ARAN | NCE | | | | | | | 1 | | | 1 | | | | |
| WA | WALK INTERVAL | | | | | | | 7 | | | 7 | | | | | | |
| PE | PEDESTRIAN CLEARANCE | | | | | | 9 | | | 5 | | | | | | | |
| ME | MEMORY | | | | | | | | | | | | | | | | |
| | ECALL | | | | | | | | MAX | | | OFF | | | | | |
| MAX | ECALL AX #2 DURING COORDINATED OPERATION | | | | | | | L | | | | | | | | | |

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | | HOURS OF OPERATION |
|-------|--------------|--------|----|----|--|--------------------|
| 1 | 90 | 69 | 50 | 40 | | - |
| 2 | 90 | 69 | 45 | 45 | | - |
| 3 | 100 | 10 | 55 | 45 | | - |
| FLAS | SH OPERATION | - | - | - | | - |

LOCATION: City Square (N. Washington St./Rutherford Ave./Chelsea St.)

DATE:

INTERSECTION No.: 162

DATE FIRST IN SERVICE:

SECTION No.: 30

EXISTING CONDITIONS

| | CLEARANCE TABLE | | | | | | | رد | 1116 | | ,, | ЩЧ | | ر ا | 1111 | | | | |
|----------|---|-----------------------|-------|------|----|------|-----------|------|----------|-----|-----------|----|------|-------------|----------|-----|------|---|--------------------|
| FROM | G R - - W DW | G G - - - | R Y R | | TO | W | DW FDW DW | | †† †† | | . | | | | TI TI | [[~ | | | FLASH OPERATION |
| | STF | REET | | DIR | | FACE | | | Ø1 | | | Ø2 | | | Ø5 | | | | |
| СН | IELSE | A ST | | WB | | - | | R | R | R | G | Υ | R | R | R | R | | | FR |
| N. | WASH | HINGT | ON | NB | | | | G | Υ | R | R | R | R | R | R | R | | | FY |
| RU | THEF | RFORE |) | SB | | - | | G | Υ | R | R | R | R | G | Υ | R | | | FY |
| RU | THEF | RFORE |) | SB | | - | | R | R | R | R | R | R | GL | YL | R | | | FY |
| | | | | | | | | W/ | l. | | | | | | | | | | |
| CR | OSSV | VALK | | | | | | | DW | DW | | | | | l | DW | | | OFF |
| CR | ROSSWALK | | | | | | | DW | DW | DW | W/ FDW | DW | DW | DW | DW | DW | | | OFF |
| <u> </u> | | | | | | | | | | | | | | | | | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | | | TIMINO | 3 IN | SEC | OND | S | | | | | | | - | |
| IIM | NIMUN | M GRE | EN | | | - | | 22 | | | 12 | | | 12 | | | | | |
| EX | TENS | ION | | | | | * | 2 | | | 2 | , | | 2 | | | | | |
| MA | XIMU | M #1/# | #2 GF | REEN | | | | -/- | | | -/- | | 7.50 | - /- | | | | | |
| YE | LLOW | CLEA | RAN | ICE | | | | | 3 | | | 3 | | | 3 | | | | |
| RE | D CLE | EARAN | 1CE | | | | | | | 2 | | | 2 | | | 2 | | | |
| WA | WALK INTERVAL | | | | | | | 7 | | | 7 | | | | | | | | |
| PE | PEDESTRIAN CLEARANCE | | | | | | | 15 | | | 5 | | | | | | | | |
| ME | MEMORY | | | | | | | | | | | | | | | | | | |
| | RECALL | | | | | | ı | MAX | | | OFF | | | OFF | | | | | |
| | ECALL AX #2 DURING COORDINATED OPERATION | | | | | | | ' | | | | | | | <u> </u> | | | | |

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | OFFSET | Ø1 | Ø2 | Ø5 | HOURS OF OPERATION |
|-------|--------------|--------|----|----|----|--------------------|
| 1 | 90 | 47 | 40 | 25 | 25 | - |
| 2 | 100 | 82 | 39 | 35 | 26 | - |
| 3 | 100 | 75 | 48 | 30 | 22 | - |
| FLAS | SH OPERATION | - | - | - | - | - |

LOCATION: Ramp LT-TL and Rutherford Avenue

DATE: _____

INTERSECTION No.: 2345

DATE FIRST IN SERVICE:

SECTION No.: 30

EXISTING CONDITIONS

| | CLEARANCE TABLE | | | | | | | <u>' </u> | | | Ш | | | <u> </u> | | | |
|-------------|--|-------------|---------|------|-----------------------|--------|-----|--|--------------|--|-----|--------------|------|----------|----|-------|--------------------|
| ROM W | G G - - - | R Y R | - | TO | - - - - W | DW FDW | | ` \\\ | ††† † | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | | <u>†</u> ††† | 13/1 | | пт | | FLASH OPERATION |
| ST | LEET | <u> </u> | DIR | _1 - | FACE | DW | - | Ø1 | | | Ø2 | | | Ø3 | | _ | |
| RAMP T | L | | EB | | - | - | R | R | R | R | R | R | G | Υ | R | | FR |
| RUTHE | RFORE |) | NB | | - | | G | Υ | R | G | Υ | R | R | R | R | - | FY |
| RUTHE | RFORE |) | NB | | - | | R | R | R | GL | YL | R | R | R | R | | FY |
| RUTHE | RFORE |) | SB | | - | | G | Υ | R | R | R | R | R | R | R | | FY |
| RUTHE | RFORE |) | SB | | - | GR | YR | R | R | R | R | GR | YR | ·R | | FY | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | <u></u> | | | | | | | | | | | | | | |
| | <u>, </u> | | | | | TIMING | | SEC | OND | | | | | | | _ | |
| MINIMU | | EN | | - | | | 21 | | | 14 | | | 17 | | | | |
| EXTENS | | | | | | | 2 | | | 2 | | | 2 | | | | |
| MAXIMU | | | | *** | | | -/- | | | -/- | | | -/- | | | | |
| YELLOV | | | ICE | | | - | | 3 | | | 3 | | | 3 | | | ļ |
| RED CL | | | | | | | | | 2 | | | 2 | | | 2 | | |
| | WALK INTERVAL | | | | | | 7 | | | 7 | | | 7 | | | | |
| PEDEST | PEDESTRIAN CLEARANCE | | | | | | 14 | | | 11 | - | | 11 | | | | |
| MEMOR | MEMORY | | | | | | | | | | | | | | | | |
| RECALL | | | | | | | | MAX | | | OFF | | (| OFF | | | |
| MAX #2 F | ECALL AX #2 DURING COORDINATED OPERATION | | | | | | | | | | | | | | | | |

MAX. #2 DURING COORDINATED OPERATION

| CYCLE | CYCLE LENGTH | | Ø1 | Ø2 | Ø3 | HOURS OF OPERATION |
|-----------------|--------------|---|----|----|----|--------------------|
| 1 | 100 | 0 | 42 | 36 | 22 | - |
| 2 | 100 | 0 | 41 | 26 | 33 | - |
| 3 | 90 | 0 | 39 | 23 | 28 | - |
| FLASH OPERATION | | - | _ | - | - | - |

BOSTON TRANSPORTATION DEPARTMENT - AUTOMATIC TRAFFIC SIGNALS **OPERATION SCHEDULE** LOCATION: Albany Street Connector and Frontage Road Northbound DATE: **INTERSECTION No.: 4110** DATE FIRST IN SERVICE: SECTION No.: 11 **EXISTING CONDITIONS CLEARANCE TABLE OPERATION** DW G R R 111 III III W FDW DW DW STREET **FACE** DIR Ø1 Ø2 Ø3 **ALBANY CONN** EB R R R G Υ R R R R FR DRIVEWAY WB R R R R R R Υ R G FR **FRNB** NB G Υ R R R R R R R FY W DW DW DW DW DW DW DW CROSSWALK OFF W/ DW DW DW DW DW **CROSSWALK** DWIDWIDW **OFF TIMING IN SECONDS** MINIMUM GREEN 12 15 7 **EXTENSION** 3 2 2 MAXIMUM #1/#2 GREEN -/--/--/-YELLOW CLEARANCE 4 3 4 RED CLEARANCE 2 2 2 WALK INTERVAL 7 7 PEDESTRIAN CLEARANCE 9 11 **MEMORY** RECALL MAX **OFF OFF** MAX. #2 DURING COORDINATED OPERATION COORDINATION INFORMATION (TIMES IN SECONDS) CYCLE CYCLE LENGTH OFFSET Ø1 Ø2 Ø3 HOURS OF OPERATION 1 100 48 40 43 17 2 120 50 51 52 17

3

110

FLASH OPERATION

4

45

51

14