

# Segments FST Analysis Recommendations by Activity

|                    |   |
|--------------------|---|
| Filter             | ((..\Model ID = "2") And (Plan Cost > 0)) |
| Working Set Filter | <Not Applicable>                          |
| Sort               | Segment ID\Description, Segment ID        |
| Group By           | Plan Year, Plan Activity                  |

## Segments FST Analysis Recommendations by Activity

**Scenario** 2019 - 2023

**Description** 5 Year Plan: \$220k/yr Suggested Program

**Do Best First** No

**Protocol** Nahant Roadway 2018

**Budget** 205k/yr

**Time Frame** 5

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**Time Frame** 5

**Plan Year** 1

| Street                           | From            | To                   | Length           | Plan Activity    | Plan Cost                    | PCI       | NPR       |
|----------------------------------|-----------------|----------------------|------------------|------------------|------------------------------|-----------|-----------|
| 88                               | TRIMOUNTAIN RD  | GARDNER RD           | BASS POINT RD    | 682 ft           | BC - 2" Mill & Overlay Local | \$34,997  | 31.2 61.2 |
| Segment Count 1                  |                 |                      | <b>0.1</b> miles | <b>\$34,997</b>  |                              |           |           |
| 5                                | BEACH LN        | PHILLIPS RD          | DEAD END         | 115 ft           | BC - 2" Overlay Local        | \$4,084   | 44.0 44.2 |
| 31                               | GODDARD DR      | GARDNER RD           | DEAD END         | 350 ft           | BC - 2" Overlay Local        | \$13,160  | 34.5 47.1 |
| 78                               | SOUTHWICK AV    | CASTLE RD            | DEAD END         | 270 ft           | BC - 2" Overlay Local        | \$6,768   | 18.2 52.1 |
| 9996                             | SPINNEY PATH    | BASS POINT RD        | DEAD END         | 280 ft           | BC - 2" Overlay Local        | \$8,773   | 43.6 44.3 |
| Segment Count 4                  |                 |                      | <b>0.2</b> miles | <b>\$32,785</b>  |                              |           |           |
| 10.2                             | CASTLE RD       | FLASH RD             | GARDNER RD       | 1298 ft          | BC - 3" Overlay Art/Col      | \$116,439 | 39.2 71.0 |
| Segment Count 1                  |                 |                      | <b>0.2</b> miles | <b>\$116,439</b> |                              |           |           |
| 19                               | COPPER BEECH LN | TALLWOOD RD          | CUL-DE-SAC       | 211 ft           | BC - Crack Seal and Patch    | \$827     | 68.4 36.7 |
| 9994                             | FALLON WAY      | BURPEE #1            | DEAD END         | 305 ft           | BC - Crack Seal and Patch    | \$648     | 65.2 37.6 |
| 60.3                             | NAHANT RD       | ANTIGO WAY           | POND RD          | 1466 ft          | BC - Crack Seal and Patch    | \$7,662   | 76.3 64.2 |
| 60.5                             | NAHANT RD       | OCEAN ST             | FORTY STEPS LN   | 3103 ft          | BC - Crack Seal and Patch    | \$16,218  | 75.2 64.6 |
| Segment Count 4                  |                 |                      | <b>1.0</b> miles | <b>\$25,355</b>  |                              |           |           |
| 11                               | CASTLE TER      | CASTLE RD            | DEAD END         | 158 ft           | BC - Crack Seal or Patch     | \$173     | 83.0 32.1 |
| 17                               | COLBY WAY       | GARDNER RD           | BASS POINT RD    | 695 ft           | BC - Crack Seal or Patch     | \$887     | 85.8 44.4 |
| 20                               | COTTAGE ST      | WINTER ST            | DEAD END         | 284 ft           | BC - Crack Seal or Patch     | \$518     | 75.2 34.6 |
| 28.1                             | FOX HILL RD     | 1327' S OF CASTLE RD | FLASH RD         | 785 ft           | BC - Crack Seal or Patch     | \$1,645   | 82.5 45.4 |
| 36.2                             | HIGH ST         | NAHANT RD            | DEAD END         | 215 ft           | BC - Crack Seal or Patch     | \$392     | 74.2 34.9 |
| 38                               | HIGHLAND AV     | CASTLE RD            | DEAD END         | 690 ft           | BC - Crack Seal or Patch     | \$1,446   | 79.2 33.3 |
| 39                               | HIGHLAND RD     | POND ST              | OCEAN ST         | 686 ft           | BC - Crack Seal or Patch     | \$750     | 78.1 46.7 |
| 55                               | LODGE RD        | OCEAN ST             | DEAD END         | 475 ft           | BC - Crack Seal or Patch     | \$1,039   | 83.7 45.0 |
| 87                               | TALLWOOD RD     | LODGE RD             | NAHANT RD        | 340 ft           | BC - Crack Seal or Patch     | \$743     | 82.9 45.3 |
| 98                               | WHITE WAY       | POND ST              | DEAD END         | 377 ft           | BC - Crack Seal or Patch     | \$824     | 78.0 33.7 |
| Segment Count 10                 |                 |                      | <b>0.9</b> miles | <b>\$8,416</b>   |                              |           |           |
| <b>Plan cost for Plan Year 1</b> |                 |                      | <b>2.4</b> miles | <b>\$217,993</b> |                              |           |           |
| Segment Count 20                 |                 |                      |                  |                  |                              |           |           |

**Segments FST Analysis Recommendations by Activity**

**Scenario** 2019 - 2023

**Description** 5 Year Plan: \$220k/yr Suggested Program

**Do Best First** No

**Protocol** Nahant Roadway 2018

**Budget** 205k/yr

**Time Frame** 5

**Plan Year** 2

| Street         | From                | To               | Length           | Plan Activity                  | Plan Cost        | PCI  | NPR  |
|----------------|---------------------|------------------|------------------|--------------------------------|------------------|------|------|
| 60.1 NAHANT RD | 450' S OF WILSON RD | CASTLE RD        | 1897 ft          | BC - 3" Mill & Overlay Art/Col | \$189,599        | 31.8 | 77.9 |
| Segment Count  | 1                   |                  | <b>0.4</b> miles |                                | <b>\$189,599</b> |      |      |
| 9999 BURPEE RD | LINDA LN            | SIMMONS RD       | 526 ft           | BC - Crack Seal and Patch      | \$888            | 74.4 | 47.9 |
| 18 COOLIDGE RD | SPRING RD           | SUNSET RD        | 375 ft           | BC - Crack Seal and Patch      | \$1,457          | 70.9 | 48.9 |
| 75 SEA VIEW AV | BASS POINT RD       | GARDNER RD       | 482 ft           | BC - Crack Seal and Patch      | \$1,221          | 69.2 | 49.5 |
| Segment Count  | 3                   |                  | <b>0.3</b> miles |                                | <b>\$3,566</b>   |      |      |
| 10 CASTLE RD   | NAHANT RD           | HARBOR VIEW RD   | 1170 ft          | BC - Crack Seal or Patch       | \$2,873          | 83.4 | 57.4 |
| 13 CENTRAL ST  | PLEASANT ST         | SUMMER ST        | 672 ft           | BC - Crack Seal or Patch       | \$1,523          | 85.8 | 44.4 |
| 26 FLASH RD    | CASTLE RD           | SPRING RD        | 1649 ft          | BC - Crack Seal or Patch       | \$4,984          | 86.9 | 56.3 |
| 35 HARRIS ST   | COLBY WAY           | BREEZY HILL TER  | 205 ft           | BC - Crack Seal or Patch       | \$445            | 87.6 | 43.8 |
| 42 HOVEY WAY   | KAROLYN CIR         | DEAD END         | 248 ft           | BC - Crack Seal or Patch       | \$515            | 75.3 | 34.5 |
| 47 KAROLYN CIR | CASTLE RD           | DEAD END         | 633 ft           | BC - Crack Seal or Patch       | \$837            | 78.7 | 46.6 |
| 59 MILLS TER   | LITTLE NAHANT RD    | DEAD END         | 180 ft           | BC - Crack Seal or Patch       | \$272            | 81.4 | 32.7 |
| 68 POND ST     | WHITE WAY           | VALLEY RD        | 487 ft           | BC - Crack Seal or Patch       | \$1,058          | 78.6 | 46.6 |
| 97 WHARF ST    | NAHANT RD           | WILLOW RD        | 1742 ft          | BC - Crack Seal or Patch       | \$3,455          | 85.7 | 44.4 |
| 101 WILSON RD  | NAHANT RD           | LITTLE NAHANT RD | 2285 ft          | BC - Crack Seal or Patch       | \$5,611          | 87.0 | 44.0 |
| 102 WINTER ST  | WILLOW RD           | MARGINAL RD      | 1531 ft          | BC - Crack Seal or Patch       | \$3,470          | 85.6 | 44.4 |
| Segment Count  | 11                  |                  | <b>2.0</b> miles |                                | <b>\$25,043</b>  |      |      |

**Plan cost for Plan Year 2** **2.7** miles **\$218,208**

Segment Count 15

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**Protocol** Nahant Roadway 2018

**Budget** 205k/yr

**Time Frame** 5

**Plan Year** 3

|                                  | <b>Street</b> | <b>From</b> | <b>To</b>  | <b>Length</b>    | <b>Plan Activity</b>    | <b>Plan Cost</b> | <b>PCI</b> | <b>NPR</b> |
|----------------------------------|---------------|-------------|------------|------------------|-------------------------|------------------|------------|------------|
| 52                               | LINDA LN      | WILSON RD   | BURPEE RD  | 581 ft           | BC - 2" Overlay Local   | \$32,181         | 33.0       | 60.6       |
|                                  | Segment Count | 1           |            | <b>0.1</b> miles |                         | <b>\$32,181</b>  |            |            |
| 60.2                             | NAHANT RD     | CASTLE RD   | ANTIGO WAY | 1927 ft          | BC - 3" Overlay Art/Col | \$206,343        | 30.3       | 78.4       |
|                                  | Segment Count | 1           |            | <b>0.4</b> miles |                         | <b>\$206,343</b> |            |            |
| <b>Plan cost for Plan Year 3</b> |               |             |            | <b>0.5</b> miles |                         | <b>\$238,524</b> |            |            |
|                                  | Segment Count | 2           |            |                  |                         |                  |            |            |

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**Budget** 205k/yr

**Time Frame** 5

**Plan Year** 4

| Street                           | From                 | To               | Length           | Plan Activity                | Plan Cost        | PCI  | NPR  |
|----------------------------------|----------------------|------------------|------------------|------------------------------|------------------|------|------|
| 94 WENDELL RD                    | CASTLE RD            | DEAD END         | 340 ft           | BC - 2" Mill & Overlay Local | \$19,892         | 24.4 | 50.2 |
| Segment Count 1                  |                      |                  | <b>0.1</b> miles |                              | <b>\$19,892</b>  |      |      |
| 43 HOWE RD                       | LITTLE NAHANT RD     | CUL-DE-SAC       | 500 ft           | BC - 2" Overlay Local        | \$25,104         | 27.5 | 49.2 |
| 83 SUMMER ST CT                  | SUMMER ST            | WINTER ST        | 670 ft           | BC - 2" Overlay Local        | \$19,878         | 21.2 | 64.3 |
| Segment Count 2                  |                      |                  | <b>0.2</b> miles |                              | <b>\$44,983</b>  |      |      |
| 6 BREEZY HILL TER                | GARDNER RD           | DEAD END         | 400 ft           | BC - Crack Seal or Patch     | \$560            | 82.5 | 45.4 |
| 51 LENNOX RD                     | LITTLE NAHANT RD     | JAMES AV         | 1056 ft          | BC - Crack Seal or Patch     | \$2,112          | 78.5 | 46.6 |
| 53 LITTLE NAHANT RD              | WILSON RD            | MILLS TER        | 1428 ft          | BC - Crack Seal or Patch     | \$3,284          | 86.0 | 55.9 |
| 63.2 OCEAN ST                    | VALLEY RD            | WILLOW RD        | 276 ft           | BC - Crack Seal or Patch     | \$662            | 80.1 | 46.1 |
| 64 PARROT RD                     | WILSON RD            | DEAD END         | 120 ft           | BC - Crack Seal or Patch     | \$120            | 78.7 | 33.5 |
| 77 SIMMONS RD                    | LENOX RD             | LITTLE NAHANT RD | 380 ft           | BC - Crack Seal or Patch     | \$912            | 86.6 | 44.1 |
| 81 SPRING RD                     | POND ST              | NAHANT RD        | 2482 ft          | BC - Crack Seal or Patch     | \$6,205          | 88.9 | 55.7 |
| 82.1 SUMMER ST                   | MARGINAL RD          | NAHANT RD        | 858 ft           | BC - Crack Seal or Patch     | \$2,145          | 78.7 | 46.6 |
| 95 WENDELL RD EXT                | CASTLE RD            | DEAD END         | 583 ft           | BC - Crack Seal or Patch     | \$758            | 80.3 | 46.1 |
| 96 WEST CLIFF ST                 | PEARL RD             | DEAD END         | 99 ft            | BC - Crack Seal or Patch     | \$119            | 82.1 | 32.5 |
| Segment Count 10                 |                      |                  | <b>1.5</b> miles |                              | <b>\$16,878</b>  |      |      |
| 32 GREYSTONE RD                  | NAHANT RD            | HIGH ST          | 975 ft           | BC - Reclaim Local           | \$74,003         | 15.4 | 66.0 |
| 66.1 PHILLIPS RD                 | 200' S OF WENDELL RD | CASTLE RD        | 490 ft           | BC - Reclaim Local           | \$59,506         | 18.1 | 65.2 |
| Segment Count 2                  |                      |                  | <b>0.3</b> miles |                              | <b>\$133,508</b> |      |      |
| <b>Plan cost for Plan Year 4</b> |                      |                  | <b>2.0</b> miles |                              | <b>\$215,261</b> |      |      |
| Segment Count 15                 |                      |                  |                  |                              |                  |      |      |

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**Time Frame** 5

**Plan Year** 5

| Street                           | From        | To             | Length              | Plan Activity | Plan Cost                 | PCI       | NPR       |
|----------------------------------|-------------|----------------|---------------------|---------------|---------------------------|-----------|-----------|
| 21                               | DESMOND DR  | WHARF ST       | DEAD END            | 312 ft        | BC - 2" Overlay Local     | \$17,597  | 19.0 51.9 |
| 9995                             | WILSON AV   | WILSON RD      | DEAD END SOUTH      | 101 ft        | BC - 2" Overlay Local     | \$2,136   | 37.8 46.1 |
| Segment Count 2                  |             |                | <b>0.1</b> miles    |               | <b>\$19,733</b>           |           |           |
| 99.1                             | WILLOW RD   | WHARF ST       | OCEAN ST            | 2036 ft       | BC - 3" Overlay Art/Col   | \$147,768 | 32.5 73.1 |
| Segment Count 1                  |             |                | <b>0.4</b> miles    |               | <b>\$147,768</b>          |           |           |
| 58                               | MARGINAL RD | OCEAN ST       | SUMMER ST           | 1373 ft       | BC - Crack Seal and Patch | \$5,065   | 76.0 47.4 |
| Segment Count 1                  |             |                | <b>0.3</b> miles    |               | <b>\$5,065</b>            |           |           |
| 8                                | CARY RD     | SUMMER ST      | PLEASANT ST         | 685 ft        | BC - Crack Seal or Patch  | \$1,416   | 80.7 46.0 |
| 46                               | JAMES AV    | BURPEE RD #1   | DEAD END            | 290 ft        | BC - Crack Seal or Patch  | \$360     | 87.7 43.8 |
| 60                               | NAHANT RD   | WILSON RD      | 450' S OF WILSON RD | 448 ft        | BC - Crack Seal or Patch  | \$1,481   | 87.1 60.9 |
| 63                               | OCEAN ST    | MARGINAL RD    | NAHANT RD           | 1033 ft       | BC - Crack Seal or Patch  | \$2,562   | 79.8 46.2 |
| 67                               | PLEASANT ST | NAHANT RD      | DEAD END            | 1050 ft       | BC - Crack Seal or Patch  | \$2,170   | 78.4 46.6 |
| Segment Count 5                  |             |                | <b>0.7</b> miles    |               | <b>\$7,988</b>            |           |           |
| 92                               | WALTON LN   | FORTY STEPS LN | WHARF ST            | 440 ft        | BC - Reclaim Local        | \$36,694  | 13.2 66.7 |
| Segment Count 1                  |             |                | <b>0.1</b> miles    |               | <b>\$36,694</b>           |           |           |
| <b>Plan cost for Plan Year 5</b> |             |                | <b>1.5</b> miles    |               | <b>\$217,249</b>          |           |           |
| Segment Count 10                 |             |                |                     |               |                           |           |           |
|                                  |             |                | <b>9.1</b> miles    |               | <b>\$1,107,235</b>        |           |           |