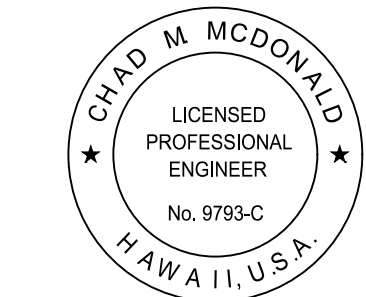


| FED. ROAD<br>DIST. NO. | STATE | FED. AID<br>PROJ. NO. | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|------------------------|-------|-----------------------|----------------|--------------|-----------------|
| HAWAII                 | HAW   | NH-099-1(031)         | 2020           | 85           | 125             |

| STREET SURVEY MONUMENT SCHEDULE |           |               |  |                   |
|---------------------------------|-----------|---------------|--|-------------------|
|                                 | STATION   | MONUMENT TYPE | RECONSTRUCT<br>STREET SURVEY<br>MONUMENTS<br>(ITEM No. 614.0100) | REMARKS           |
| KAMANANUI ROAD                  | 32+60.35  | PT            | 1  | Existing Monument |
|                                 | 33+31.55  | PCC           | 1  | Existing Monument |
|                                 | 33+85.63  | PCC           | 1  | Existing Monument |
|                                 | 40+27.99  | PCC           | 1  | Existing Monument |
|                                 | 40+73.72  | PCC           | 1  | Existing Monument |
|                                 | 41+41.05  | PCC           | 1  | Existing Monument |
|                                 | 41+88.61  | PCC           | 1  | Existing Monument |
|                                 | 47+50.64  | PCC           | 1  | Existing Monument |
|                                 | 49+37.12  | PCC           | 1  | Existing Monument |
|                                 | 55+59.69  | PCC           | 1  | Existing Monument |
|                                 | 56+08.75  | PCC           | 1  | Existing Monument |
|                                 | 56+74.86  | PCC           | 1  | Existing Monument |
|                                 | 57+23.20  | PCC           | 1  | Existing Monument |
|                                 | 63+15.51  | PCC           | 1  | Existing Monument |
|                                 | 63+69.31  | PCC           | 1  | Existing Monument |
|                                 | 63+71.69  | PCC           | 1  | Existing Monument |
|                                 | 64+39.24  | PCC           | 1  | Existing Monument |
|                                 | 64+77.45  | PC            | 1  | Existing Monument |
|                                 | 68+55.80  | PCC           | 1  | Existing Monument |
|                                 | 73+94.02  | PCC           | 1  | Existing Monument |
|                                 | 74+21.65  | PCC           | 1  | Existing Monument |
|                                 | 74+42.03  | PCC           | 1  | Existing Monument |
|                                 | 75+11.23  | PCC           | 1  | Existing Monument |
|                                 | 84+57.63  | PCC           | 1  | Existing Monument |
|                                 |           |               |  |                   |
|                                 |           |               |  |                   |
| KAMEHAMEHA<br>HIGHWAY           | 143+37.11 | PCC           | 1  | Existing Monument |
|                                 | 143+38.26 | PCC           | 1  | Existing Monument |
|                                 | 144+59.10 | PCC           | 1  | Existing Monument |
|                                 | 144+99.72 | PCC           | 1  | Existing Monument |
|                                 | 149+46.87 | PCC           | 1  | Existing Monument |
|                                 | 150+02.50 | PCC           | 1  | Existing Monument |
|                                 | 150+42.11 | PCC           | 1  | Existing Monument |
|                                 | 150+93.52 | PCC           | 1  | Existing Monument |
|                                 | 2+59.33   | PCC           | 1  | Existing Monument |
|                                 | 2+93.81   | PCC           | 1  | Existing Monument |
|                                 | 3+26.36   | PCC           | 1  | Existing Monument |
|                                 | 3+83.18   | PCC           | 1  | Existing Monument |
|                                 | 4+51.10   | PCC           | 1  | Existing Monument |
|                                 | TOTAL     |               | 37   |                   |

|                        |                         |            |
|------------------------|-------------------------|------------|
| ORIGINAL<br>PLAN       | SURVEY PLOTTED BY _____ | DATE _____ |
|                        | DESIGNED BY _____       | DATE _____ |
|                        | TRACED BY _____         | DATE _____ |
|                        | NOTED BY _____          | DATE _____ |
| NOTE BOOK<br>No. _____ | QUANTITIES BY _____     | DATE _____ |
|                        | CHECKED BY _____        | DATE _____ |



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by me or under my supervision

*Chad M. McDonald*  
MITSUNAGA & ASSOCIATES, INC. EXP. DATE 4/30/2022

NOTE: Contractor to check and verify  
dimensions at job before proceeding with work.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**MISCELLANEOUS  
SCHEDULES**

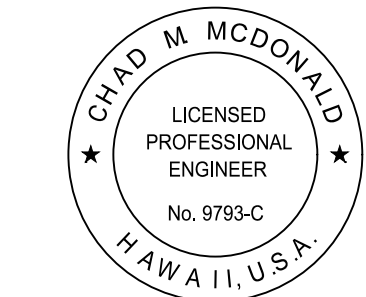
Kamehameha Hwy, Kamananui Rd and Wilikina Dr  
Rehabilitation Weed Circle to Interstate Route H-2  
Project No. NH-099-1(031)

Scale: As Noted      Date: August 2020

| FED. ROAD<br>DIST. NO. | STATE | FED. AID<br>PROJ. NO. | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|------------------------|-------|-----------------------|----------------|--------------|-----------------|
| HAWAII                 | HAW   | NH-099-1(031)         | 2020           | 86           | 125             |

|                       | LANE AND SHOULDER WIDTH SCHEDULE |                                       |                                |  |  |                                 |   |
|-----------------------|----------------------------------|---------------------------------------|--------------------------------|--|--|---------------------------------|---|
|                       | Station                          | Reconstruction<br>(Sq)<br>(Travelway) | 2" PMA<br>Approx.<br>Area (Sq) | Reconstruction<br>of<br>Weakened<br>Pavement<br>Areas (Sq) | Reconstruction<br>of<br>Weakened<br>Pavement<br>With PMA<br>Areas (Sq) | Asphalt Concrete<br>Base (Tons) | Asphalt<br>Concrete Base<br>w/ PMA (Tons) |
| WILIKINA DRIVE        | 42+20/16+88                      | 506,981                               | 56,331                         | 75,108   |  | 26,363                          |   |
|                       | 26+87                            |                                       |                                |  |  |                                 |   |
|                       |                                  |                                       |                                |  |  |                                 |   |
| KAMANANUI ROAD        | 24+05                            | 43,764                                | 4,863                          | 6,244  |  | 2,192                           |   |
|                       | 31+20                            |                                       |                                |  |  |                                 |   |
|                       | 83+59                            | 169,740                               | 18,860                         |  | 22,003   |                                 | 7,723                                     |
|                       |                                  |                                       |                                |  |  |                                 |   |
| KAMEHAMEHA<br>HIGHWAY | 77+33                            | 1,337                                 | 150                            | 150  |  | 53                              |   |
|                       | 81+18                            | 186,057                               | 20,673                         | 20,673   |  | 7,256                           |   |
|                       | 104+41                           | 256,419                               | 28,491                         |  | 14,246   |                                 | 5,000                                     |
|                       | 15+10                            | 47,738                                | 5,304                          | 8,840  |  | 3,103                           |   |
|                       | 26+93                            | 49,831                                | 5,536                          |  | 2,768  |                                 | 972                                       |
|                       | 44+95                            | 334,538                               | 37,171                         | 61,952   |  | 21,745                          |   |
|                       | 132+80                           | 535,031                               | 59,448                         |  | 29,724   |                                 | 10,433                                    |
|                       | 183+26                           | 87,054                                | 9,673                          | 16,122   |  | 5,659                           |   |
|                       | 207+11                           | 193,878                               | 21,542                         |  | 10,771   |                                 | 3,781                                     |
|                       | 253+87                           |                                       |                                |  |  |                                 |   |
|                       |                                  |                                       |                                |  |  |                                 |   |
|                       |                                  |                                       |                                |  |  |                                 |   |
| KAUKONAHUA ROAD       | NA                               | 25,357                                | 2,817                          |  | 1,409  |                                 | 414                                       |
|                       | Contract Item<br>Number          |                                       | 401.0700                       | 414.0110   | 414.0120   | 301.0100                        | 301.0200                                  |

|                  |                   |      |
|------------------|-------------------|------|
| ORIGINAL<br>PLAN | SURVEY PLOTTED BY | DATE |
| NOTE BOOK        | DESIGNED BY       |      |
| No.              | QUANTITIES BY     |      |
|                  | CHECKED BY        |      |



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by me or under my supervision

*Chad M. McDonald*  
MITSUNAGA & ASSOCIATES, INC. 4/30/2022 EXP. DATE

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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**MISCELLANEOUS  
SCHEDULES**

Kamehameha Hwy, Kamananui Rd and Wilikina Dr  
Rehabilitation Weed Circle to Interstate Route H-2  
Project No. NH-099-1(031)

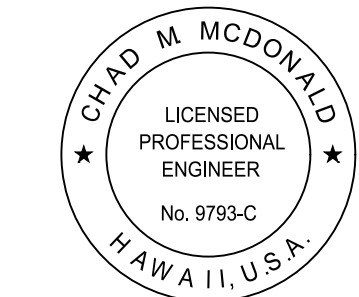
Scale: As Noted      Date: August 2020

|                        |       |                       |                |              |                 |
|------------------------|-------|-----------------------|----------------|--------------|-----------------|
| FED. ROAD<br>DIST. NO. | STATE | FED. AID<br>PROJ. NO. | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
| HAWAII                 | HAW   | NH-099-1(031)         | 2020           | 87           | 125             |

| UTILITY SCHEDULE      |         |             |       |          |            |
|-----------------------|---------|-------------|-------|----------|------------|
|                       | Station | Offset From |       | Type     | Remarks    |
|                       |         | Left        | Right |          |            |
| WILIKINA<br>DRIVE     | 17+35   |             | 30    | SMH      | Adjust Top |
|                       | 20+17   | 14          |       | TEL. MH  | Adjust Top |
|                       | 20+35   |             | 31    | SMH      | Adjust Top |
|                       | 23+35   |             | 32    | SMH      | Adjust Top |
|                       | 26+35   |             | 31    | SMH      | Adjust Top |
|                       | 29+35   |             | 31    | SMH      | Adjust Top |
|                       | 31+67   |             | 29    | SMH      | Adjust Top |
|                       | 34+35   |             | 30    | SMH      | Adjust Top |
|                       | 77+34   |             | 39    | WV       | Adjust Top |
|                       | 14+87   |             | 2     | WV       | Adjust Top |
|                       | 15+00   |             | 3     | WV       | Adjust Top |
|                       | 15+50   | 16          |       | SDMH     | Adjust Top |
|                       | 15+57   | 19          |       | TEL. MH  | Adjust Top |
|                       | 22+57   |             | 7     | WV       | Adjust Top |
|                       | 26+69   | 160         |       | WMH      | Adjust Top |
|                       |         |             |       |          |            |
|                       |         |             |       |          |            |
| KAMANANUI<br>ROAD     | 24+94   |             | 28    | TEL. MH  | Adjust Top |
|                       | 26+88   | 133         |       | WMH      | Adjust Top |
|                       | 26+94   | 125         |       | WMH      | Adjust Top |
|                       | 27+31   | 17          |       | WMH      | Adjust Top |
|                       | 27+31   |             | 8     | WV       | Adjust Top |
|                       | 28+99   |             | 26    | TEL. MH  | Adjust Top |
|                       | 29+22   |             | 2     | WV       | Adjust Top |
|                       |         |             |       |          |            |
| KAMEHAMEHA<br>HIGHWAY | 79+28   |             | 28    | WV       | Adjust Top |
|                       | 80+55   |             | 19    | WV       | Adjust Top |
|                       | 80+60   |             | 36    | SMH      | Adjust Top |
|                       | 80+64   |             | 22    | WV       | Adjust Top |
|                       | 86+10   | 16          |       | TEL. MH  | Adjust Top |
|                       | 86+14   |             | 40    | WV       | Adjust Top |
|                       | 86+19   |             | 40    | WV       | Adjust Top |
|                       | 86+21   | 41          |       | WMH      | Adjust Top |
|                       | 75+89   |             | 46    | WMH      | Adjust Top |
|                       | 75+90   |             | 44    | WMB      | Adjust Top |
|                       | 75+98   | 22          |       | WMH      | Adjust Top |
|                       | 76+02   |             | 56    | WV       | Adjust Top |
|                       | 76+12   |             | 8     | SMH      | Adjust Top |
|                       | 76+18   | 22          |       | WMH      | Adjust Top |
|                       | 76+19   |             | 11    | SMH      | Adjust Top |
|                       | 76+24   |             | 38    | SDMH     | Adjust Top |
|                       | 76+57   |             | 37    | WV       | Adjust Top |
|                       | 77+80   | 20          |       | ELEC. MH | Adjust Top |
|                       | 77+89   | 0           |       | WV       | Adjust Top |
|                       | 77+89   |             | 24    | SMH      | Adjust Top |
|                       | 78+74   |             | 31    | SMH      | Adjust Top |
|                       | 78+84   | 23          |       | WV       | Adjust Top |
|                       | 79+22   | 19          |       | ELEC. MH | Adjust Top |
|                       | 79+50   | 21          |       | SDMH     | Adjust Top |

| UTILITY SCHEDULE      |         |             |       |          |            |
|-----------------------|---------|-------------|-------|----------|------------|
|                       | Station | Offset From |       | Type     | Remarks    |
|                       |         | Left        | Right |          |            |
| KAMEHAMEHA<br>HIGHWAY | 80+72   |             | 38    | WV       | Adjust Top |
|                       | 81+45   | 12          |       | TEL. MH  | Adjust Top |
|                       | 81+49   | 24          |       | WV       | Adjust Top |
|                       | 81+59   | 20          |       | WV       | Adjust Top |
|                       | 81+69   |             | 36    | WV       | Adjust Top |
|                       | 81+81   |             | 35    | WV       | Adjust Top |
|                       | 81+90   |             | 8     | SMH      | Adjust Top |
|                       | 81+94   | 27          |       | WV       | Adjust Top |
|                       | 81+99   | 24          |       | WV       | Adjust Top |
|                       | 82+15   | 20          |       | ELEC. MH | Adjust Top |
|                       | 82+20   |             | 37    | WV       | Adjust Top |
|                       | 82+38   |             | 42    | SDMH     | Adjust Top |
|                       | 84+00   |             | 8     | SMH      | Adjust Top |
|                       | 84+11   |             | 42    | SDMH     | Adjust Top |
|                       | 84+21   | 22          |       | WV       | Adjust Top |
|                       | 84+65   | 19          |       | TEL. MH  | Adjust Top |
|                       | 85+66   |             | 43    | SDMH     | Adjust Top |
|                       | 86+10   |             | 5     | SMH      | Adjust Top |
|                       | 86+53   |             | 35    | WV       | Adjust Top |
|                       | 86+62   |             | 42    | SDMH     | Adjust Top |
|                       | 87+14   |             | 30    | SMH      | Adjust Top |
|                       | 87+44   | 13          |       | SMH      | Adjust Top |
|                       | 87+69   |             | 40    | SDMH     | Adjust Top |
|                       | 87+71   |             | 12    | TEL. MH  | Adjust Top |
|                       | 87+76   |             | 7     | TEL. MH  | Adjust Top |
|                       | 87+76   |             | 52    | WMH      | Adjust Top |
|                       | 88+01   |             | 53    | SDMH     | Adjust Top |
|                       | 88+01   |             | 43    | SMH      | Adjust Top |
|                       | 91+19   |             | 6     | TEL. MH  | Adjust Top |
|                       | 91+20   | 5           |       | TEL. MH  | Adjust Top |
|                       | 94+43   | 38          |       | ELEC. MH | Adjust Top |
|                       | 94+66   | 9           |       | TEL. MH  | Adjust Top |
|                       | 94+66   | 19          |       | TEL. MH  | Adjust Top |
|                       | 94+70   | 41          |       | SMH      | Adjust Top |
|                       | 94+90   |             | 4     | SMH      | Adjust Top |
|                       | 95+09   |             | 8     | WMH      | Adjust Top |
|                       | 100+18  | 10          |       | WV       | Adjust Top |
|                       | 126+50  | 11          |       | SMH      | Adjust Top |
|                       | 150+54  |             | 45    | WV       | Adjust Top |
|                       | 55+21   | 3           |       | SMH      | Adjust Top |
|                       | 62+16   | 4           |       | SMH      | Adjust Top |
|                       | 65+67   | 2           |       | SMH      | Adjust Top |

|                        |                         |  |            |
|------------------------|-------------------------|--|------------|
| ORIGINAL<br>PLAN       | SURVEY PLOTTED BY _____ |  | DATE _____ |
|                        | DESIGNED BY _____       |  | _____      |
| NOTE BOOK<br>No. _____ | QUANTITIES BY _____     |  | _____      |
|                        | CHECKED BY _____        |  | _____      |



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