

|           |       |      |      | *************************************** |       | ********** | *************************************** |      |   | , ,  |      |   |      |       |      |      | P       | hc   | 750           | 9            | 2            | •            | 5            | `ca          | lin   | g     | W     | ori  | k            |      |              |           |      |              | *************************************** |      |      | (.              | 3    | We           | ek   | D    | uro  | ati      | on   | M        | ax.   | )     |        |
|-----------|-------|------|------|---|-------|------------|---|------|---|------|------|---|------|-------|------|------|---------|------|---------------|--------------|--------------|--------------|--------------|--------------|-------|-------|-------|------|--------------|------|--------------|-----------|------|--------------|---|------|------|-----------------|------|--------------|------|------|------|----------|------|----------|-------|-------|--------|
|           |       |      |      |   | -     |            |   |      |   |      |      | A.                                      | М.   |       |      |      |         |      |               |              |              |              |              |              |       |       |       |      |              |      |              |           |      |              |   |      | F    | <sup>2</sup> .M | 1.   |              |      |      |      |          |      |          |       |       |        |
|           | 12:00 | 4.00 | 1.30 | 2.00                                    | 2.00  | 2:30       | 3:00                                    | 3:30 | 4:00                                    | 4:30 | 5:00 | 5:30                                    | 6:00 | 05.30 | 7.00 | 7:30 | \$ 00.8 | 0.00 | α: 50<br>6.60 | 9:00         | 9:30         | 10:00        | 10:30        | 11:00        | 11:30 | 12:00 | 12:30 | 1:00 | 1:30         | 2:00 | 2.30         | 3.00      | 3.30 | 4.00         | 4.30                                    | 5.00 | 5.30 | 6.00            | 0:00 | 0:30<br>7:00 | 7.30 | 8:00 | 8:30 | 9:00     | 9:30 | 10:00    | 10:30 | 11:00 | 11. 30 |
| Sunday    |       |      |      |   |       |            |   |      |   |      |      |   |      |       |      |      |         | 8    |               |              | $\bigotimes$ | $\bigotimes$ | $\bigotimes$ | $\otimes$    |       |       |       |      | $\otimes$    | XX   | $\bigotimes$ |           |      |              | Š                                       |      | 1    |                 |      |              |      |      |      | -        |      |          |       |       |        |
| Monday    |       |      |      |   |       |            |   |      |   |      |      | *************************************** |      |       |      |      |         | 8    |               | $\bigotimes$ |              | $\bigotimes$ | XX           |              |       |       |       |      | $\bigotimes$ |      | XX           | XX        |      |              | Š                                       |      |      |                 |      |              |      |      |      |          |      | <b>†</b> |       |       |        |
| Tuesday   |       |      |      |   |       |            |   |      |   |      |      |   |      |       |      |      |         | 8    |               | XX           | $\boxtimes$  | XX           | $\bigotimes$ | $\bigotimes$ |       |       |       |      |              |      | $\bigotimes$ | $\otimes$ |      | XX           | 8                                       |      |      |                 |      |              |      |      |      | <u> </u> |      |          |       |       |        |
| Wednesday |       |      |      |   |       |            |   |      |   |      |      |   |      |       |      |      |         | 8    | $\otimes$     | $\bigotimes$ | XX           | XX           | XX           | $\bigotimes$ |       |       |       |      | $\otimes$    | XX   | $\otimes$    | <b>X</b>  | XX   | XX           | 8                                       |      |      |                 |      |              |      |      |      | 1        |      |          |       |       |        |
| Thursday  |       |      |      |   |       |            |   |      | *************************************** |      |      |   |      |       |      |      |         | 8    |               | $\bigotimes$ | $\bigotimes$ |              | $\bigotimes$ | $\bigotimes$ |       |       |       |      | $\otimes$    | XX   | $\bigotimes$ | $\otimes$ | XX   |              | \$                                      |      |      |                 |      |              |      |      |      |          |      |          |       |       |        |
| Friday    |       |      |      |   |       |            |   |      |   |      |      |   |      |       |      |      |         | X    |               | $\bigotimes$ |              | XX           | $\bigotimes$ | $\bigotimes$ |       |       |       |      | X            |      | XX           | XX        | XX   | XX           | X                                       |      |      |                 |      |              |      |      |      |          |      |          |       |       |        |
| Saturday  |       |      |      |   | ***** |            |   |      |   |      |      |   |      |       |      |      |         | X    | X             | $\bigotimes$ | $\bigotimes$ | $\bigotimes$ | $\bigotimes$ | $\bigotimes$ |       |       |       |      |              |      | XX           |           | XX   | $\bigotimes$ | X                                       |      |      |                 |      |              |      |      |      |          |      |          |       |       |        |

|           |       |       |      |   |      | ·    |   |      |      |      |      |               |      | P           | ha   | se   |      | 3 -  | _    | Ne   | tt    | ing                                     | 1 //  | ns    | tal   | lat   | ioi  | 7            | Wo           | rk           | ,            |      |      | *************************************** |      |      | ********** | *************************************** | (    | 3        | We   | ek   | D    | ur   | ati   | ion   | ノ     |   |
|-----------|-------|-------|------|---|------|------|---|------|------|------|------|---------------|------|-------------|------|------|------|------|------|------|-------|---|-------|-------|-------|-------|------|--------------|--------------|--------------|--------------|------|------|---|------|------|------------|---|------|----------|------|------|------|------|-------|-------|-------|---|
|           |       |       |      | *************************************** |      |      | *************************************** |      |      |      |      | A.            | М.   |             |      |      |      |      |      |      |       | · • • • • • • • • • • • • • • • • • • • |       |       |       |       |      |              |              |              | ****         |      |      |   |      | Р.   | М.         |   |      |          |      |      |      |      |       |       |       | *************************************** |
|           | 12:00 | 12:30 | 1:00 | 1:30                                    | 2:00 | 2:30 | 3:00                                    | 3:30 | 4:00 | 4:30 | 5:00 | 5:30          | 9:00 | 6:30        | 7:00 | 7:30 | 8:00 | 8:30 | 00.6 | 9:30 | 10:00 | 10:30                                   | 11:00 | 11.30 | 12:00 | 12:30 | 1:00 | 1:30         | 2:00         | 2:30         | 3:00         | 3:30 | 4:00 | 4:30                                    | 5:00 | 5:30 | 0:00       | 6:30                                    | 7:00 | 7:30     | 8:00 | 8:30 | 9:00 | 9:30 | 10:00 | 10:30 | 11:00 | 11:30                                   |
| Sunday    |       |       |      |   |      |      |   |      |      |      |      |               |      |             |      |      |      |      |      |      |       |   |       |       |       |       |      | <b>-</b>     |              |              |              |      |      |   |      |      |            | <u> </u>                                |      |          |      |      |      |      |       |       |       |   |
| Monday    |       |       |      |   |      |      |   |      |      |      |      |               |      |             |      |      |      | //   |      |      |       |   |       |       |       | //    |      | $\bigotimes$ | XX           | $\bigotimes$ | $\bigotimes$ |      |      |   |      |      |            |   |      |          |      |      |      |      |       |       |       |   |
| Tuesday   |       |       |      |   |      |      |   |      |      |      |      |               |      |             |      |      |      |      |      | //   |       |   |       |       |       |       | //   |              |              | $\bigotimes$ | $\bigotimes$ |      |      |   |      |      |            |   |      |          |      |      |      |      |       |       |       | *************************************** |
| Wednesday |       |       |      |   |      |      |   |      |      |      |      | ************* |      | -uommannuus |      |      |      | /    |      |      |       | //                                      |       |       |       |       |      | $\bigotimes$ | XX           | $\boxtimes$  | $\bowtie$    |      |      |   |      |      |            |   |      | <u> </u> |      |      |      |      |       |       |       | marco                                   |
| Thursday  |       |       |      |   |      |      |   |      |      |      |      |               |      |             |      |      |      |      |      |      |       |   |       |       |       |       |      | $\bigotimes$ | XX           | XX           | XX           |      |      |   |      |      |            |   |      |          |      |      |      |      |       |       |       |   |
| Friday    |       |       |      |   |      |      |   |      |      |      |      |               |      |             |      |      |      |      |      | //   |       |   |       |       |       |       |      |              | $\bigotimes$ | $\bigotimes$ | XX           |      |      |   |      |      |            |   |      | <u> </u> |      |      |      |      |       |       |       | *************************************** |
| Saturday  |       |       |      |   |      |      |   |      |      |      |      |               |      |             |      |      |      |      |      |      |       |   |       |       |       |       |      |              | ~~           | V            |              |      |      |   |      |      |            |   |      |          |      |      |      |      |       |       |       |   |

|           | ·······   |       |       |   |      |             |      |      |      | ••••• | o             | All         | <i>'</i> ( | JTM  | er   | 11           | m         | es   |         | - /   | MIS   | Ce    | IIa   | ne    | ou                                     | S    | VVC                                    | ) r K | •    | _      |      |      |   |             |      |      | ····· |      |   |   |      |      |       |       |       |
|-----------|---|-------|-------|---|------|-------------|------|------|------|-------|---------------|-------------|------------|------|------|--------------|-----------|------|---------|-------|-------|-------|-------|-------|--|------|--|-------|------|--------|------|------|---|-------------|------|------|-------|------|---|---|------|------|-------|-------|-------|
|           |   |       |       |   |      | <del></del> | ,    |      |      |       | 1. <i>M</i> . | <del></del> | <b>,</b>   | , .  |      | <del> </del> | <b></b>   | T    | <b></b> | T     |       |       |       |       | ······································ |      | ······································ |       |      |        | ,    |      |   | <i>P.</i> . | М.   |      |       |      | *************************************** |   |      |      |       |       |       |
|           | 12:00   | 12:30 | 1: 20 | 2:00                                    | 2:30 | 3:00        | 3:30 | 4:00 | 4:30 | 5.30  | 6:00          | 6:30        | 7:00       | 7:30 | 8:00 | 8:30         | 9:00      | 9:30 | 10:00   | 10:30 | 11:00 | 11:30 | 12:00 | 12:30 | 1:00                                   | 1:30 | 2:00                                   | 2:30  | 3:00 | 3:30   | 4:00 | 4:30 | 5:00                                    | 5:30        | 00:9 | 6:30 | 7:00  | 7:30 | 8:00                                    | 8:30                                    | 9:00 | 9:50 | 10:30 | 11:00 | 77.77 |
| Sunday    |   |       |       |   |      |             |      |      |      |       |               |             |            |      |      |              | AVENTINGO |      |         |       |       |       |       |       |  |      |  |       |      |        |      |      |   |             |      |      |       |      |   | *************************************** | -    |      |       |       |       |
| Monday    |   |       |       |   |      |             |      |      |      |       |               |             |            |      |      |              |           |      |         |       |       |       |       | //    |  |      |  |       |      |        |      |      |   |             |      |      |       |      |   |   |      |      |       |       |       |
| Tuesday   | A Contract of the Contract of |       |       |   |      |             |      |      |      |       |               |             |            |      |      |              |           |      |         |       |       |       |       |       |  |      |  |       |      |        |      |      |   |             |      |      |       |      |   |   |      |      |       |       |       |
| Wednesday |   |       |       |   |      |             |      |      |      |       |               |             |            |      |      |              |           |      |         |       |       |       |       |       |  |      |  |       |      |        |      |      | *************************************** |             |      |      |       |      |   |   |      |      |       |       |       |
| Thursday  |   |       |       |   |      |             |      |      |      |       |               |             |            |      |      |              |           |      |         |       |       |       |       | //    |  |      |  |       |      |        |      |      |   |             |      |      |       |      |   |   |      |      |       |       | 1     |
| Friday    |   |       |       |   |      |             |      |      |      |       |               |             |            |      |      |              |           |      |         |       |       |       |       |       |  |      |  |       |      |        |      |      |   |             |      |      |       |      |   |   |      |      |       |       |       |
| Saturday  |   |       |       | *************************************** |      |             |      |      |      |       |               |             |            |      |      |              |           |      |         |       |       |       |       |       |  | £    |  |       | ZZ.  | ****** |      |      |   |             |      |      |       |      |   |   |      |      |       |       |       |

<u>Legend</u> Highway Open to Traffic ////// Intermittent One-Lane Highway Closure Total Highway Closure

ORIGINAL SURVEY PLOTTED B
PLAN DRAWN BY
TRACED BY
DESIGNED BY
QUANTITIES BY
CHECKED BY

| FED. ROAD<br>DIST. NO. | STATE | PROJ. NO. | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|------------------------|-------|-----------|----------------|--------------|-----------------|
| HAWAII                 | HAW.  | 72B-02-02 | 2002           | 18           | 23              |

# General Work Description Associated With Traffic Control Phasing:

## <u>Phase 1:</u>

Work shall generally include tasks required to prepare for the Scaling work. They may include, but not be limited to, such items as mobilization, assessment of the the project site, installation of the grouted rock anchors and preparation of scaling teams and equipment. This phase also includes the relocation of the existing overhead electrical line. During this phase, intermittent one-lane closures of Kalanianaole Highway will be allowed to complete the preparation work as required. The anticipated duration of this phase is 6 weeks.

### 2. <u>Phase 2:</u>

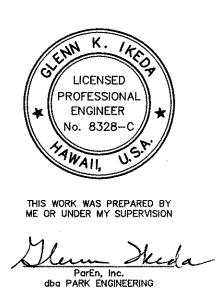
Work shall generally include tasks associated with the Scaling of the rock slope, Controlled blasting of designated areas and associated cleanup and removal of the scaled material from the project site. Work also includes protection of the existing walls at the base of the slope. During the Scaling work, total closure of Kalanianaole Highway in the project vicinity will be allowed for a maximum period of 3 weeks, without exception. Cleanup and removal of the scaled material shall be done during the total closure times.

#### 3. <u>Phase 3:</u>

Work shall generally include tasks associated with the placement of the draped wire mesh after the completion of the scaling work. Work will include, but not be limited to, securing the wire mesh to the top anchor cable, placement of the wire mesh on the slopes, and tying the individual rolls of wire mesh together. The Contractor shall schedule the placement of the wire mesh during the periods of total road closure. The maximum duration of this phase is 3 weeks.

#### 4. All Other Times:

Work shall generally include tasks required to complete the project. Work will include, but not be limited to, installation of chain link fence and gates, and other miscellaneous cleanup and finishing tasks. Intermittent one-lane closures of Kalanianaole Highway will be allowed as required to complete the required work.



STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

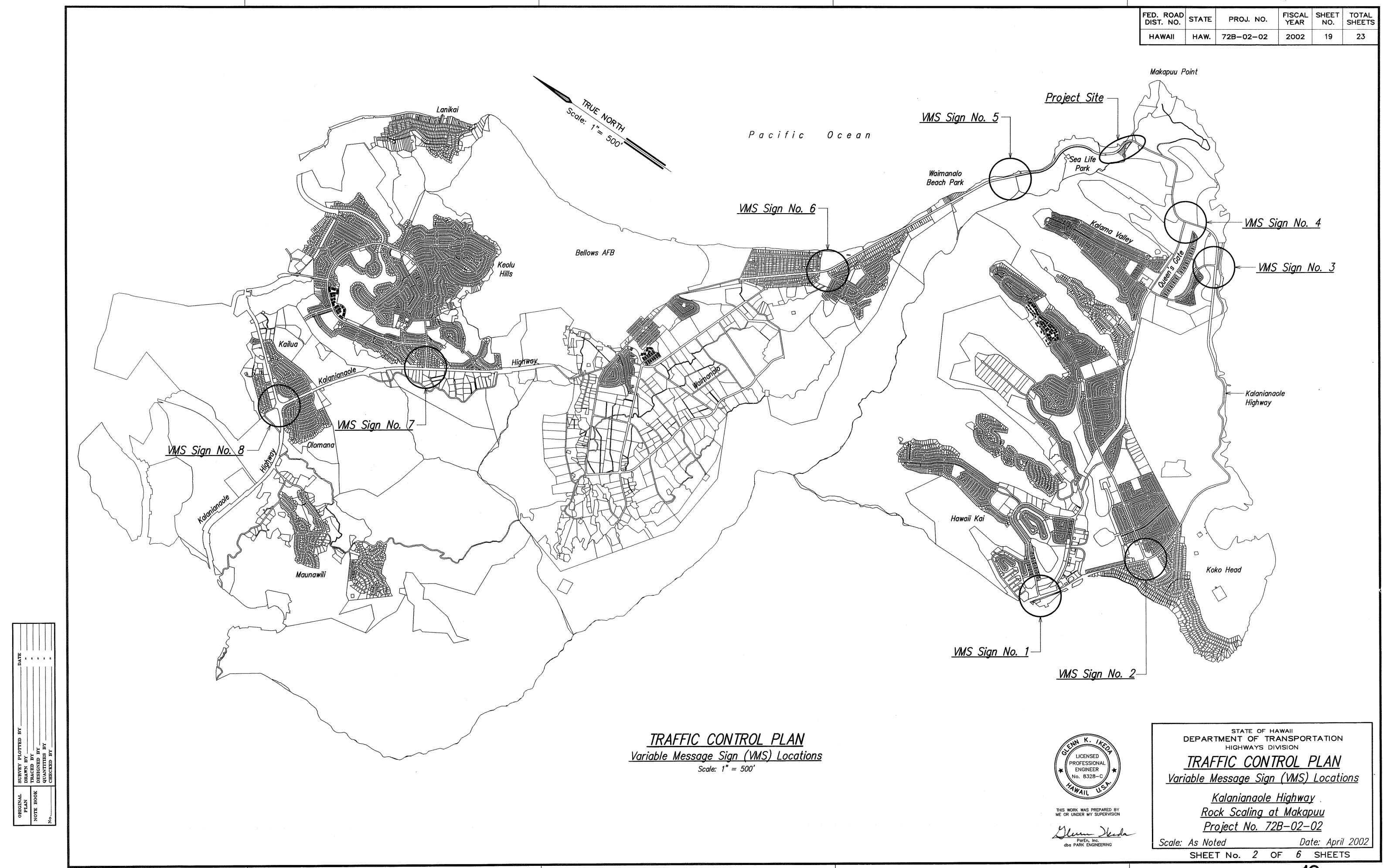
TRAFFIC CONTROL PLAN ROAD CLOSURE SCHEDULE

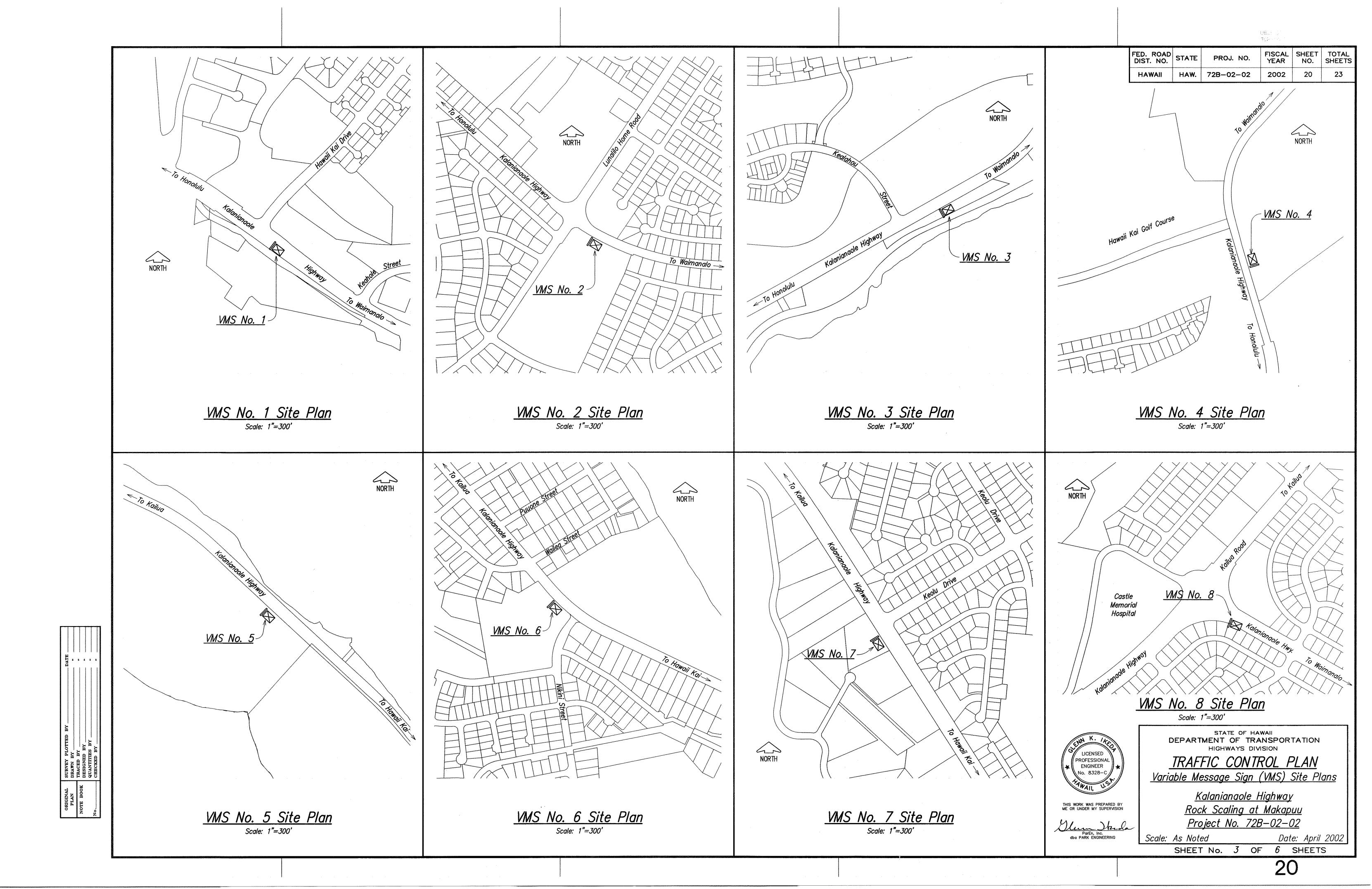
Kalanianaole Highway Rock Scaling at Makapuu Project No. 72B-02-02

Scale: None

Date: April 2002 6 SHEETS

OF SHEET No. 1





| FED. ROAD<br>DIST. NO. | STATE | PROJ. NO. | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|------------------------|-------|-----------|----------------|--------------|-----------------|
| HAWAII                 | HAW.  | 72B-02-02 | 2002           | 21           | 23              |

|              |              |                                  |                       | Su  | ggested Variab                          | le Messages to   | o be Post <mark>ed</mark> Du | uring Construct                  | ion                   |                 |                                  |                       |  |
|--------------|--------------|----------------------------------|-----------------------|---|---|--|------------------------------|----------------------------------|-----------------------|-----------------|----------------------------------|-----------------------|--|
|              |              | Phase 1                          |                       |   | Phase 2                                 |  |                              | Phase 3                          |                       | All Oth         | er Times – Misce                 | ellaneous             |  |
|              | Highway Open | Intermittent<br>One-Lane Closure | Total Road<br>Closure | Highway Open  | Intermittent<br>One—Lane Closure        | Total Road<br>Closure  | Highway Open                 | Intermittent<br>One-Lane Closure | Total Road<br>Closure | Highway Open    | Intermittent<br>One-Lane Closure | Total Road<br>Closure |  |
|              | ROAD         | ROAD                             | ROAD                  | ROAD  |   | ROAD   | ROAD                         | ROAD                             | ROAD                  | ROAD            | ROAD                             | 1                     | Miles and the second se |
|              | WORK AT      | WORK AT                          | CLOSED                | WORK AT   | N. Pri                                  | CLOSED   | WORK AT                      | WORK AT                          | CLOSED                | WORK AT         | WORK AT                          | N.h.                  |  |
| VMS No. 1    | MAKAPUU      | MAKAPUU                          |                       | MAKAPUU   |   |  | MAKAPUU                      | MAKAPUU                          | - Hamilton            | MAKAPUU         | MAKAPUU                          | S                     | VMS No. 1  |
| 71110 110. 1 | s not used   | not used                         | AT GOLF               | of used   | N A.                                    | AT GOLF  | not used                     | not used                         | AT GOLF               | at used         | - used                           | 1 A.   4              | VIVIO 110. 1   |
|              | S not        | nol                              | COURSE                | not   | IV.                                     | COURSE   | not                          | nol                              | COURSE                | nol             | not                              | Seq.                  |  |
|              | DOAD         | ONE LANE                         | - DOAD                | ROAD  |   | DOAD   | DOAD                         | ONE LANE                         | DOAD                  | DOAD            | ONE LANE                         |                       |  |
|              | ROAD WORK AT | OPEN AT                          | ROAD<br>CLOSED        | WORK AT   | N.A.                                    | ROAD<br>CLOSED   | ROAD<br>WORK AT              | OPEN AT                          | ROAD<br>CLOSED        | ROAD<br>WORK AT | ONE LANE<br>OPEN AT              | N.A.                  |  |
|              | MAKAPUU      | MAKAPUU                          | 1 MI.                 | MAKAPUU   |   | 1 MI.  | MAKAPUU                      | MAKAPUU                          | 1 MI.                 | MAKAPUU         | MAKAPUU                          | Seq                   |  |
| VMS No. 2    |              | 8: 30 TO                         | 9PM-5AM               | WARAI OO  |   | 8: 30 (*) TO   |                              | 8: 30 (*) TO                     | 1: 30 TO              | WARAFOO         | 8: 30 TO                         |                       | VMS No. 2  |
|              | s not used   | 3: 30                            | SUN. TO               | not useu  | N.A.                                    | 11:30 (*)  | not used                     | 1: 30 (*)                        | 3: 30                 | not used        | 3: 30                            | N.A.                  |  |
|              | Sec          |                                  | THURSDAY              |   |   | DAILY  |                              | <u> </u>                         | DAILY                 |                 | <u> </u>                         | Seg                   |  |
|              | ROAD         | ONE LANE                         | ROAD                  | ROAD  |   | ROAD   | ROAD                         | ONE LANE                         | ROAD                  | ROAD            | ONE LANE                         | , h                   |  |
|              | & WORK AT    | OPEN AT                          | CLOSED                | WORK AT   | N.A.                                    | CLOSED   | WORK AT                      | OPEN AT                          | CLOSED                | WORK AT         | OPEN AT                          | N.A.                  |  |
| MAC No. 7    | MAKAPUU      | MAKAPUU                          | 1/8 MILE              | MAKAPUU   |   | 1/8 MILE   | MAKAPUU                      | MAKAPUU                          | 1/8 MILE              | MAKAPUU         | MAKAPUU                          | S                     | 1/14C N = 7  |
| VMS No. 3    | wced         | 8: 30 TO                         | 9PM-5AM               | at used   |   | 8: 30 (*) TO   | of used                      | 8: 30 (*) TO                     | 1: 30 TO              | at used         | 8: 30 TO                         | - A - B               | VMS No. 3  |
|              | not used     | 3: 30                            | SUN. TO               | not do  | N.A.                                    | 11: 30 (*)   | not us                       | 1:30 (*)                         | 3: 30                 | not use         | 3: 30                            | N.A.                  |  |
|              | S            |                                  | THURSDAY              |   |   | DAILY  |                              |                                  | DAILY                 |                 |                                  | ß                     | ٠  |
|              | ROAD         | ONE LANE                         | ROAD                  | ROAD  | , A.                                    | ROAD   | ROAD                         | ONE LANE                         | ROAD                  | ROAD            | ONE LANE                         | <b>4</b>              |  |
|              | work work    | OPEN                             | CLOSED                | WORK  | N.P.                                    | CLOSED   | WORK                         | OPEN                             | CLOSED                | WORK            | OPEN                             | 969.                  |  |
| VMS No. 4    | AHEAD        | AHEAD                            | AHEAD                 | AHEAD   |   | AHEAD  | AHEAD                        | AHEAD                            | AHEAD                 | AHEAD           | AHEAD                            |                       | VMS No. 4  |
|              | s not used   | 8: 30 TO                         | REOPEN                | t used  |   | REOPEN   | at used                      | ROAD                             | REOPEN                | l used          | 8: 30 TO                         | # A                   | ,,,,,  |
|              | Se nor       | 3: 30                            | AT 5:00               | not   |   | AT 11:30 (*)   | not                          | CLOSED                           | AT 3: 30              | not             | 3: 30                            | Seq.                  |  |
|              | ROAD         | ONE LANE                         | ROAD                  | ROAD  |   | ROAD   | ROAD                         | AT 1:30                          | DOAD                  | POAD            | ONE LANE                         |                       |  |
|              | WORK         | OPEN OPEN                        | CLOSED                | WORK  | N.A.                                    | CLOSED   | WORK                         | ONE LANE<br>OPEN                 | ROAD<br>CLOSED        | ROAD<br>WORK    | ONE LANE<br>OPEN                 | N.A.                  |  |
|              | AHEAD        | AHEAD                            | AHEAD                 | AHEAD   |   | AHEAD  | AHEAD                        | AHEAD                            | AHEAD                 | AHEAD           | AHEAD                            | Seq                   |  |
| VMS No. 5    |              | 8: 30 TO                         | REOPEN                | ALIEAD  |   | REOPEN   | 1                            | ROAD                             | REOPEN                | AIILAD          | 8: 30 TO                         |                       | VMS No. 5  |
|              | s not used   | 3: 30                            | AT 5:00               | not used  | N.A.                                    | AT 11:30 (*)   | not used                     | CLOSED                           | AT 3: 30              | not used        | 3: 30                            | N.A.                  |  |
|              | Sec          |                                  |                       | AMARIAN MANAGAMAN AND AND AND AND AND AND AND AND AND A | *************************************** | MONTO CREATE PER ANTI-CREATE CONTRACTOR CONTRACTOR AND ANTI-CREATE |                              | AT 1: 30                         |                       |                 |                                  | Seg                   |  |
|              | ROAD         | ONE LANE                         | ROAD                  | ROAD  |   | ROAD   | ROAD                         | ONE LANE                         | ROAD                  | ROAD            | ONE LANE                         |                       |  |
|              | & WORK AT    | OPEN AT                          | CLOSED                | WORK AT   | N.A.                                    | CLOSED   | WORK AT                      | OPEN AT                          | CLOSED                | WORK AT         | OPEN AT                          | N.A.                  |  |
| VMS No. 6    | MAKAPUU      | MAKAPUU                          | 0.6 MILE              | MAKAPUU   |   | 0.6 MILE   | MAKAPUU                      | MAKAPUU                          | 0.6 MILE              | MAKAPUU         | MAKAPUU                          | 35                    | MAC No. 6  |
| VIVIS IVO. O | T used       | 8: 30 TO                         | 9PM-5AM               | of used   |   | 8: 30 (*) TO   | at used                      | 8: 30 (*) TO                     | 1: 30 TO              | .,ged           | 8: 30 TO                         | 7                     | VMS No. 6  |
|              | g not used   | 3: 30                            | SUN. TO               | not as  | N.r.                                    | 11: 30 (*)   | not us                       | 1: 30 (*)                        | 3: 30                 | not us          | 3: 30                            | 7.A.                  |  |
|              | S            |                                  | THURSDAY              |   |   | DAILY  |                              |                                  | DAILY                 |                 |                                  | S                     |  |
|              | ROAD         | ONE LANE                         | ROAD                  | ROAD  |   | ROAD   | ROAD                         | ONE LANE                         | ROAD                  | ROAD            | ONE LANE                         | N.A.                  |  |
|              | WORK AT      | OPEN AT                          | CLOSED                | WORK AT   | No:                                     | CLOSED   | WORK AT                      | OPEN AT                          | CLOSED                | WORK AT         | OPEN AT                          | Seq.                  |  |
| VMS No. 7    | MAKAPUU .    | MAKAPUU                          |                       | MAKAPUU   |   |  | MAKAPUU                      | MAKAPUU                          | A 1490                | MAKAPUU         | MAKAPUU                          |                       | VMS No. 7  |
|              | si not used  | EXPECT                           | AT                    | at used   | N.A.                                    | AT   | at used                      | 8: 30 (*) TO                     | AT                    | - Jused         | EXPECT                           | N.A.                  | .,,,,  |
|              | Sec.         | DELAYS                           | SEA LIFE              | nos   |   | SEA LIFE   | not                          | 1:30 (*)                         | SEA LIFE              | not             | DELAYS                           | Seq.                  |  |
|              | ROAD         | ROAD                             | PARK<br>ROAD          | ROAD  |   | PARK<br>ROAD   | ROAD                         | ROAD                             | PARK<br>ROAD          | ROAD            | ROAD                             |                       |  |
|              | WORK AT      | WORK AT                          | CLOSED                | WORK AT   | N.A.                                    | CLOSED   | WORK AT                      | WORK AT                          | CLOSED                | WORK AT         | WORK AT                          | N.A.                  |  |
|              | MAKAPUU      | MAKAPUU                          | CLOJLD                | MAKAPUU   |   |  | MAKAPUU                      | MAKAPUU                          | OLUGED                | MAKAPUU         | MAKAPUU                          | Seq                   |  |
| VMS No. 8    |              | 1                                | AT                    | ha  | . /                                     | AT   | 4                            | 1                                | AT                    |                 |                                  |                       | VMS No. 8  |
|              | s not used   | not used                         | SEA LIFE              | not uses  | N.A.                                    | SEA LIFE   | not used                     | not used                         | SEA LIFE              | not useo        | not used                         | N.A.                  |  |
|              | SS           |                                  | PARK                  |   |   | PARK   |                              |                                  | PARK                  |                 |                                  | Seg                   |  |
|              |              | PACE SICN NOTES                  |                       |   |   |  |                              |                                  |                       |                 |                                  | <del></del>           |  |

### VARIABLE MESSAGE SIGN NOTES

 ORIGINAL
 SURVEY PLOTTED BY

 PLAN
 DRAWN BY

 NOTE BOOK
 TRACED BY

 DESIGNED BY
 QUANTITIES BY

 No
 CHECKED BY

- 1. The Variable Message Signs (VMS's) shall be placed at the locations shown on the VMS Site Plan for the duration of the Project.
- 2. The VMS's shall display the appropriate message to motorists according to the Table shown on this sheet.
- 3. The Contractor may alter the messages with the approval of the State Engineer.
- 4. The suggested messages are based on a maximum of 2 sequences, each with a maximum of three (3) lines of characters and eight (8) characters per line.

(\*) The time shall be adjusted by the Contractor to match the applicable closure time.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION Slew Jeela
Paren, Inc.
dba PARK ENGINEERING STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION .

TRAFFIC CONTROL PLAN SUGGESTED VARIABLE MESSAGES

<u>Kalanianaole Highway</u> Rock Scaling at Makapuu Project No. 72B-02-02

Scale: None

Date: April 2002 SHEET No. 4 OF 6 SHEETS

