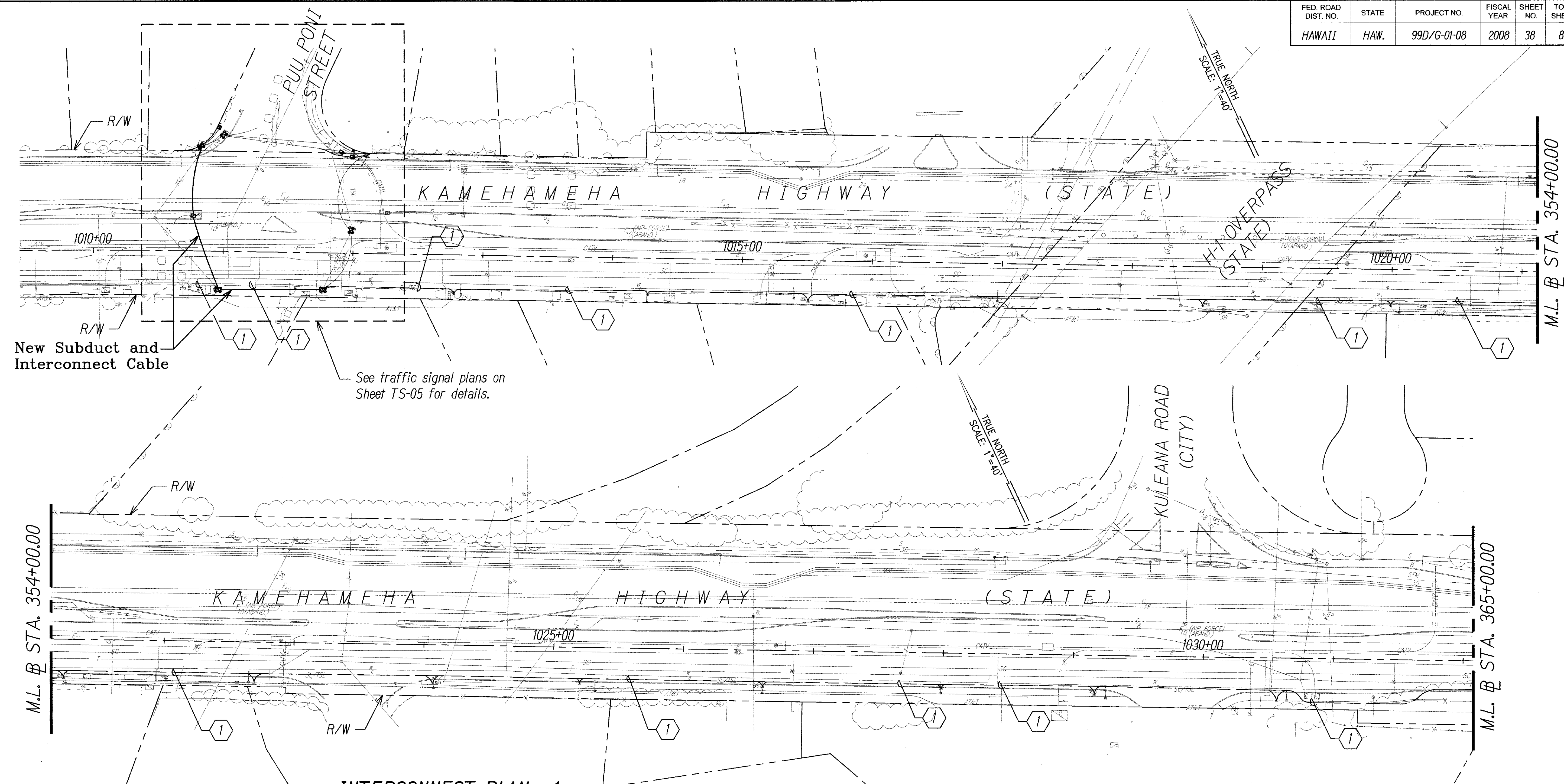
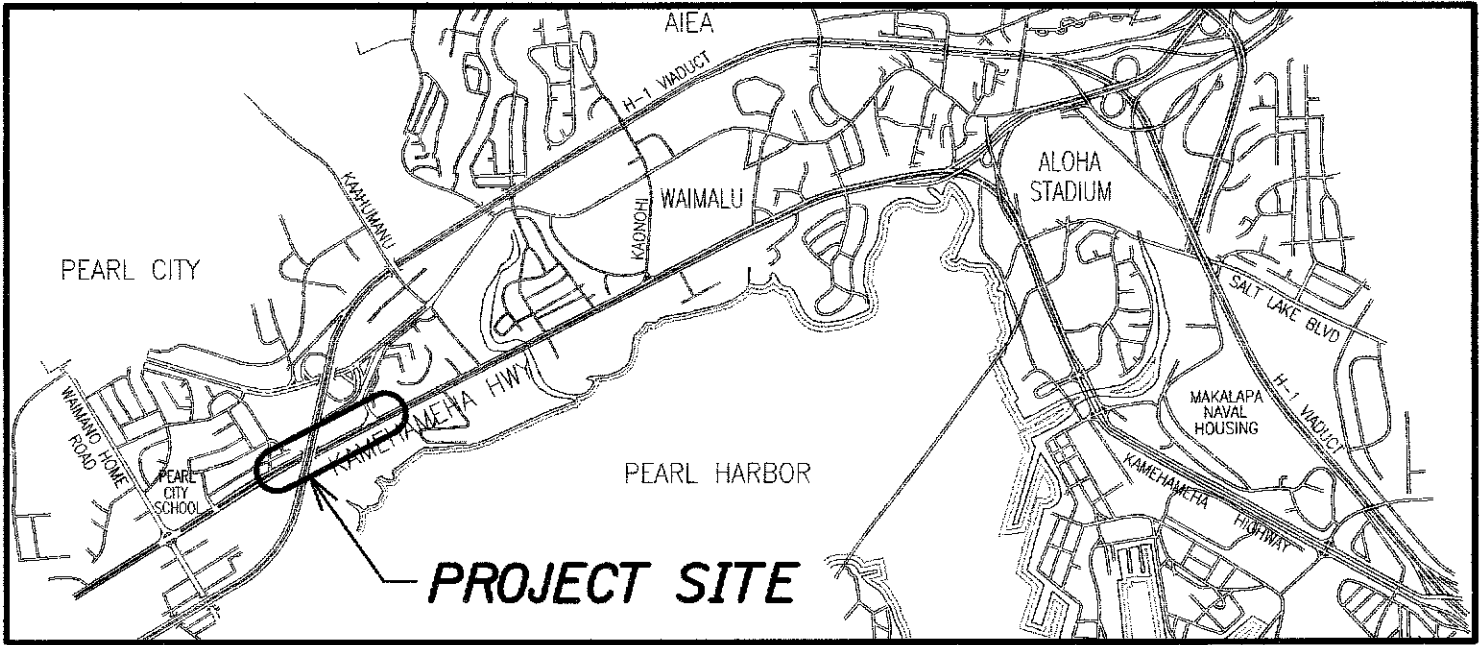


FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	99D/G-01-08	2008	38	89



INTERCONNECT PLAN - 1
(PUU PONI STREET TO STA. 365+00)
SCALE: 1"=40'

Conduit and cable schedule		
Symbol	Conduit.	Description
①	Exist. 2"	Exist. Fiber Optic
	Exist. 2"	Exist. Fiber Optic 1-12pr.#19



KEY MAP
Not to Scale

LEGEND FOR AS-BUILT POSTINGS

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~~100-00~~ Double line for as-built deletion

Roadway Text for as-built posting

**KEITH K. NIHA**  
LICENSED PROFESSIONAL ENGINEER  
No. 8226-C  
HAWAII, U.S.A.

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Signature: *[Signature]* 4/30/14  
EXPIRATION DATE OF THE LICENSE

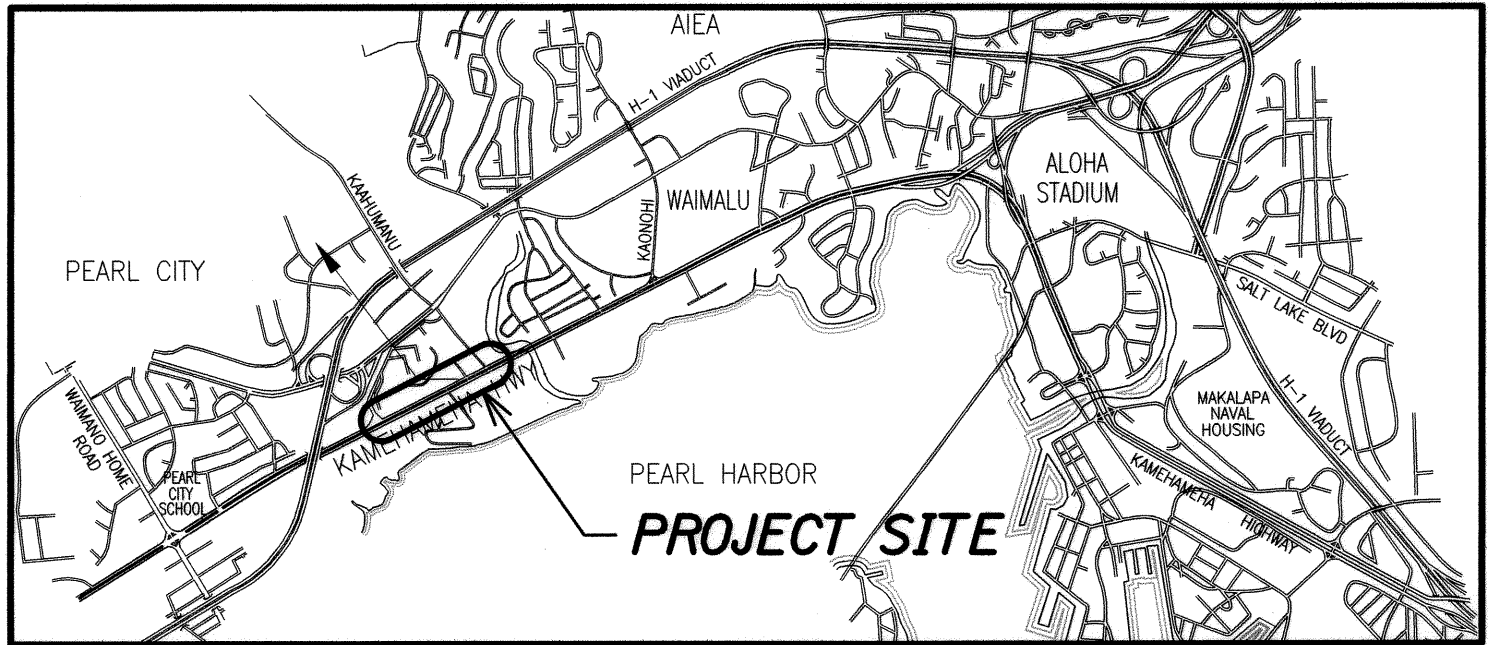
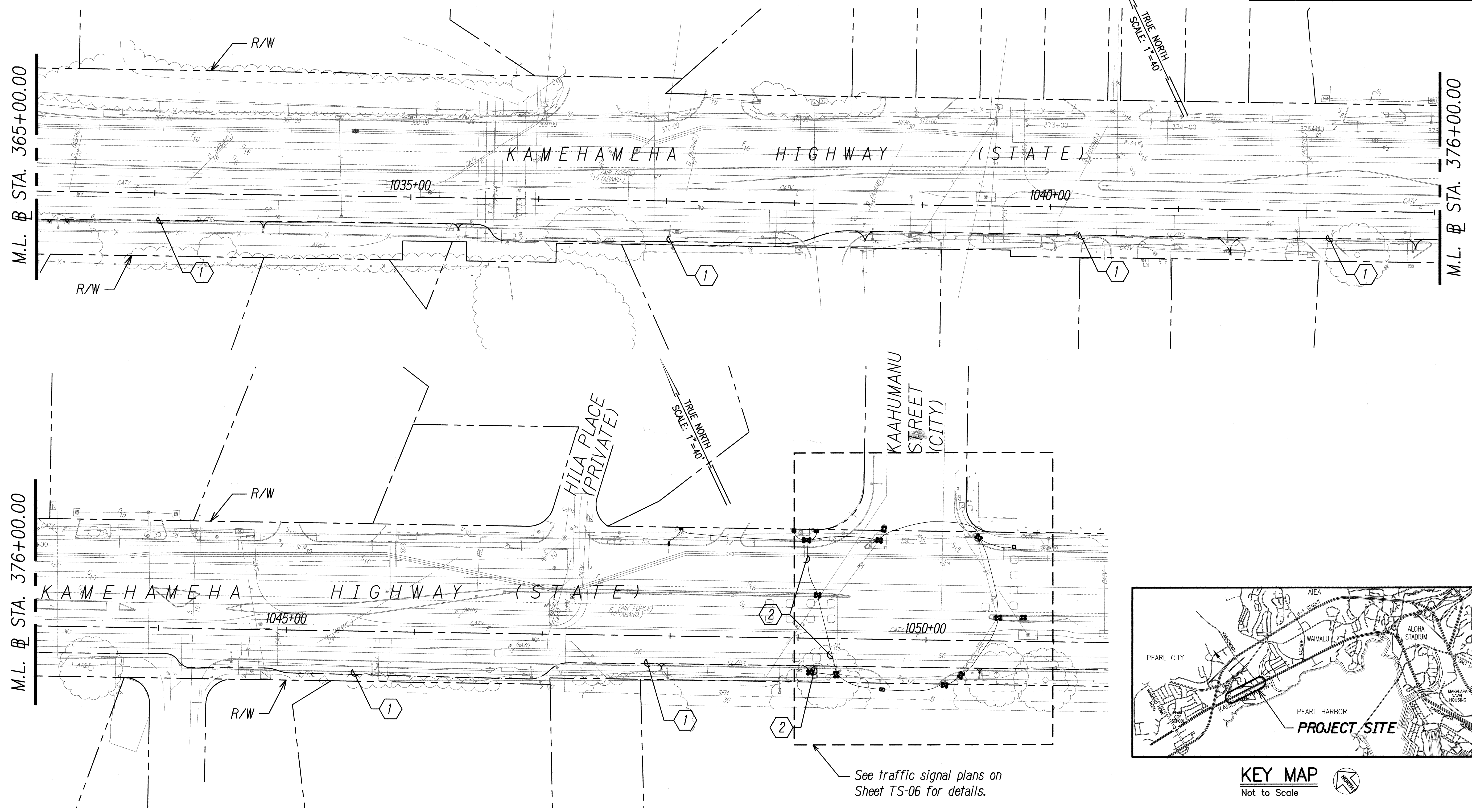
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**INTERCONNECT PLAN - 1**

KAMEHAMEHA HIGHWAY  
TRAFFIC OPERATIONAL IMPROVEMENTS  
VICINITY OF ACACIA ROAD TO CENTER DRIVE  
PROJECT NO. 99D/G-01-08

Scale: 1"=40' Date: April 2008

| FED. ROAD DIST. NO. | STATE | PROJECT NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 99D/G-01-08 | 2008        | 39        | 89           |



KEY MAP  
Not to Scale

| Conduit and cable schedule |                        |                                                        |
|----------------------------|------------------------|--------------------------------------------------------|
| Symbol                     | Conduit.               | Description                                            |
| 1                          | Exist. 2"<br>Exist. 2" | Exist. Fiber Optic<br>Exist. Fiber Optic<br>1-12pr.#19 |
| 2                          | Exist. 2"              | 1-12pr.#19                                             |

**INTERCONNECT PLAN - 2**  
**(STA. 365+00 TO KAAHUMANU STREET)**  
SCALE: 1"=40'

KEITH K. NIYA  
LICENSED PROFESSIONAL ENGINEER  
No. 8226-C  
HAWAII, U.S.A.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**INTERCONNECT PLAN - 2**

KAMEHAMEHA HIGHWAY  
TRAFFIC OPERATIONAL IMPROVEMENTS  
VICINITY OF ACACIA ROAD TO CENTER DRIVE  
PROJECT NO. 99D/G-01-08

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4/30/10

SIGNATURE: *[Signature]* EXPIRATION DATE OF THE LICENSE: 4/30/10

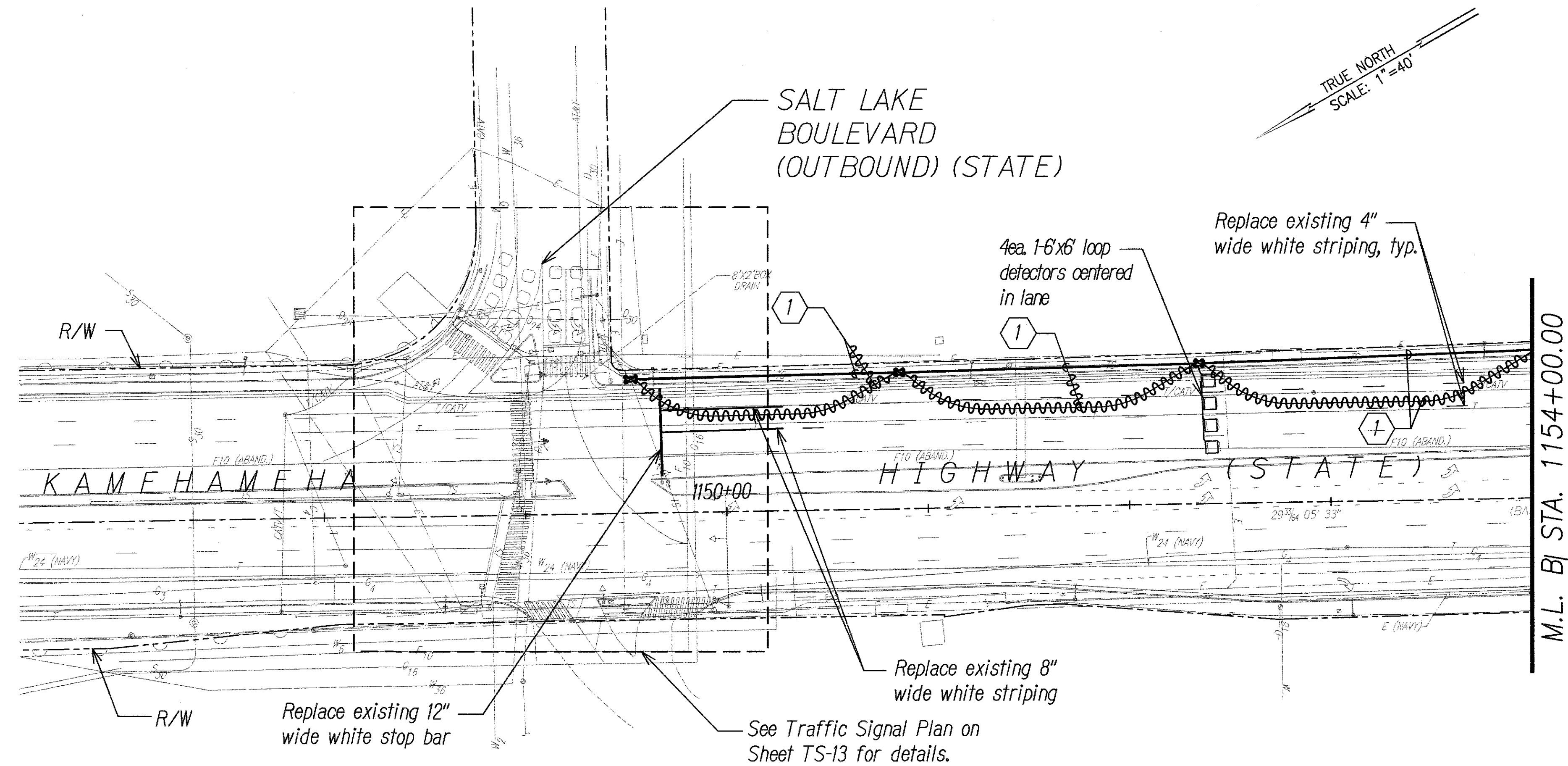
Scale: 1"=40'

Date: April 2008

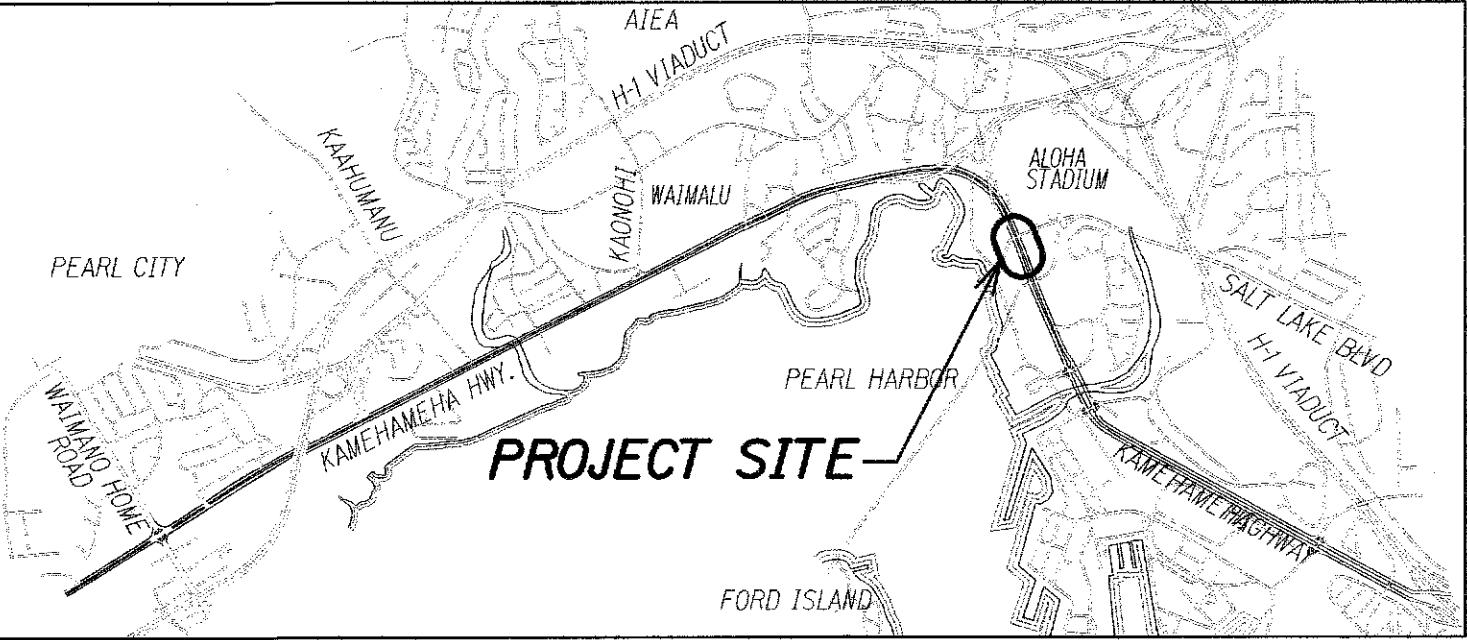
SHEET No. TS-20 OF 36 SHEETS

|                   |      |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY          |      |
| DESIGNED BY       |      |
| CHECKED BY        |      |
| NOTED BY          |      |
| NO.               |      |

| FED. ROAD DIST. NO. | STATE | PROJECT NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 99D/G-01-08 | 2008        | 40        | 89           |



**INTERCONNECT PLAN - 3**  
**(SALT LAKE BOULEVARD (OUTBOUND) TO STA. 1154+00)**  
 SCALE: 1"=40'



**KEY MAP**  
 Not to Scale

**NOTE:**

1. Refer to trench details on sheet TS-33 and TS-34.

| Conduit and cable schedule |          |               |
|----------------------------|----------|---------------|
| Symbol                     | Conduit. | Description   |
| 1                          | 2" Conc. | 1-12pr.#19    |
|                            | 2" Conc. | 1-Fiber Optic |

**LEGEND FOR AS-BUILT POSTINGS**

|         |                                     |
|---------|-------------------------------------|
|         | Squiggly line for as-built deletion |
|         | Double line for as-built deletion   |
| Roadway | Text for as-built posting           |

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EXPIRATION DATE OF THE LICENSE: 4/30/14

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

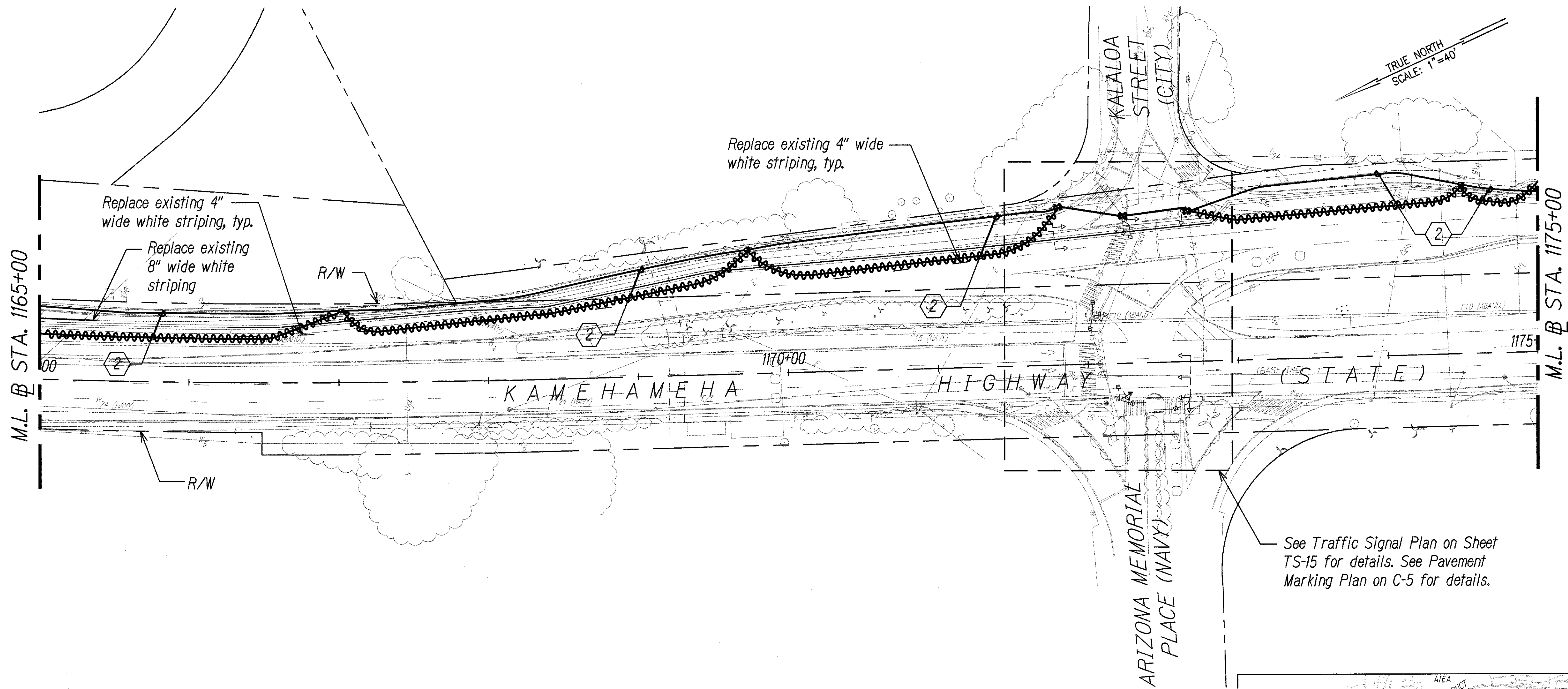
**INTERCONNECT PLAN - 3**

KAMEHAMEHA HIGHWAY  
TRAFFIC OPERATIONAL IMPROVEMENTS  
VICINITY OF ACACIA ROAD TO CENTER DRIVE  
PROJECT NO. 99D/G-01-08

Scale: 1"=40' Date: April 2008



| FED. ROAD DIST. NO. | STATE | PROJECT NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 99D/G-01-08 | 2008        | 42        | 89           |

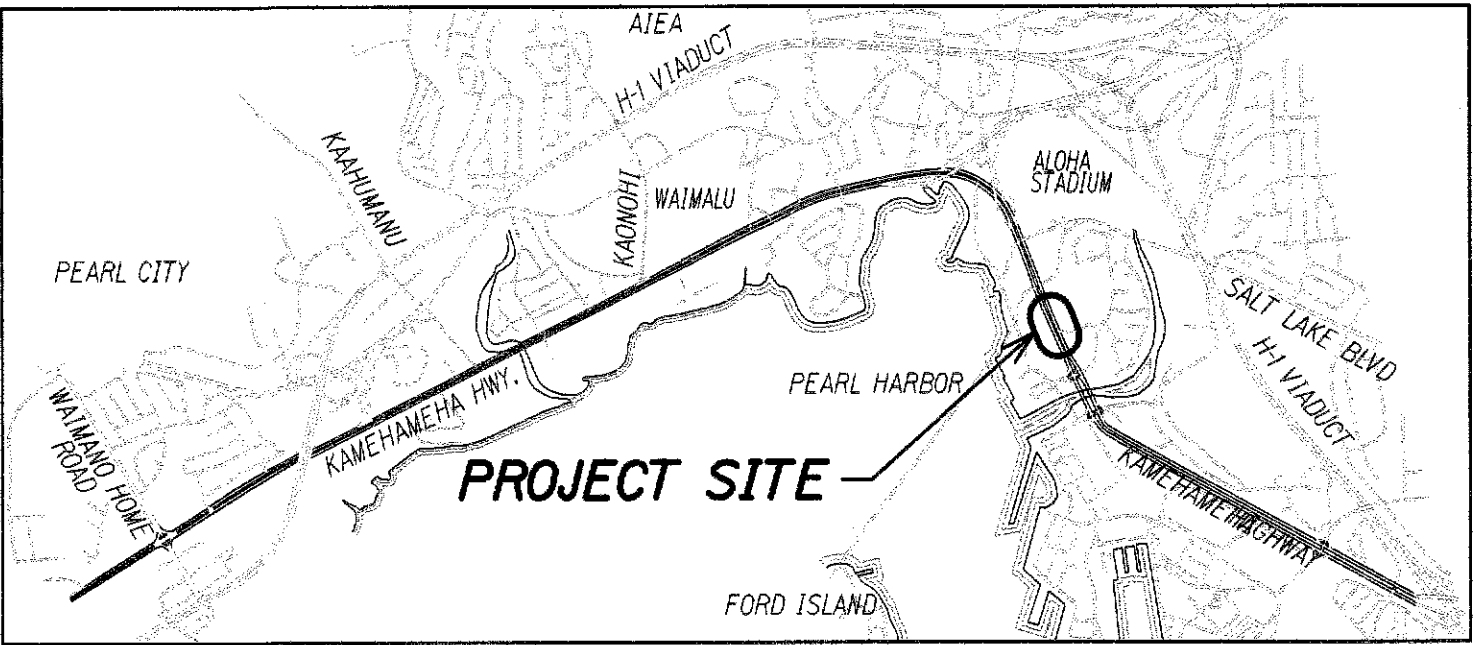


**INTERCONNECT PLAN - 5**  
**(STA. 1165+00 TO STA. 1175+00)**  
 SCALE: 1"=40'

**NOTE:**

1. Refer to trench details on sheet TS-33 and TS-34.

| Conduit and cable schedule |          |             |
|----------------------------|----------|-------------|
| Symbol                     | Conduit. | Description |
| 2                          | 2" Conc. | 1-12pr. #19 |
|                            | 2" Conc. | Spare       |



**KEY MAP**  
 Not to Scale

**LEGEND FOR AS-BUILT POSTINGS**

Squiggly line for as-built deletion

Double line for as-built deletion

Text for as-built posting

**KEITH K. NIYA**  
 LICENSED PROFESSIONAL ENGINEER  
 No. 8226-C  
 HAWAII, U.S.A.

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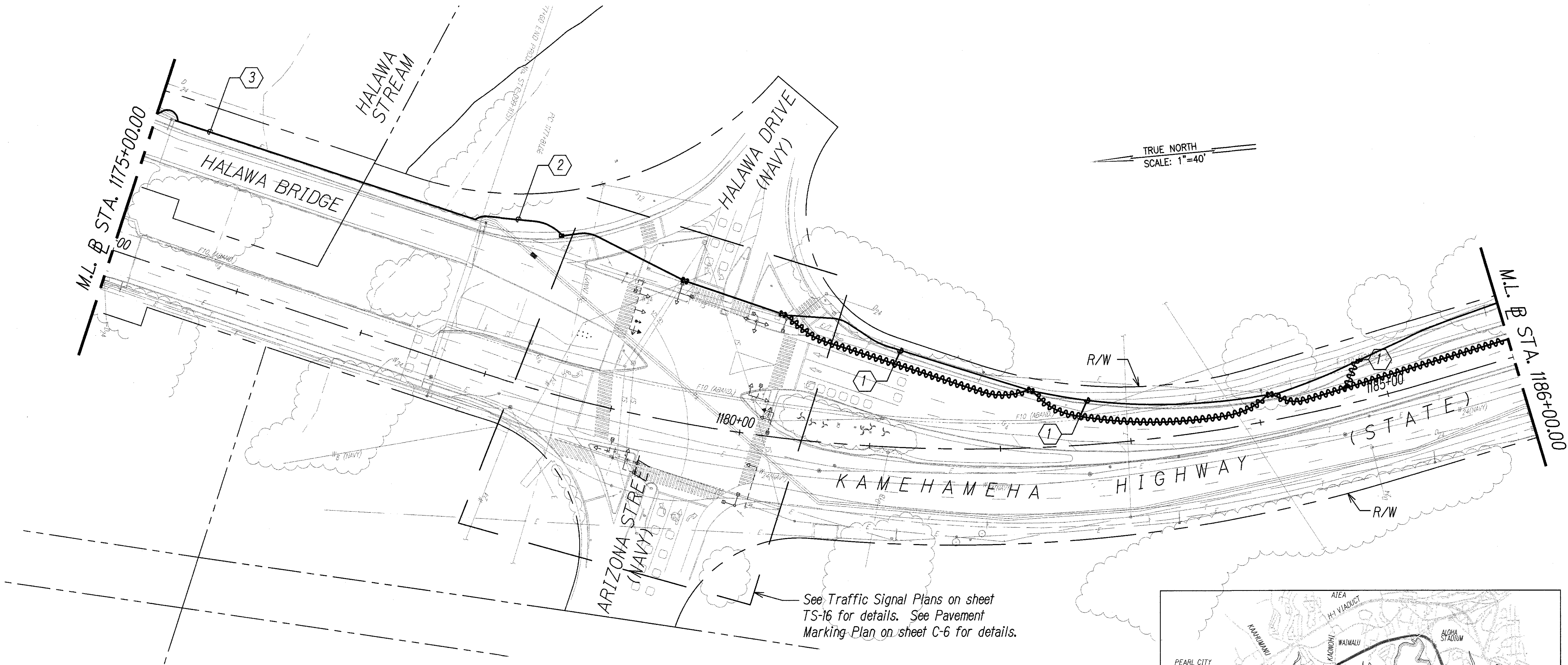
**INTERCONNECT PLAN - 5**

KAMEHAMEHA HIGHWAY  
 TRAFFIC OPERATIONAL IMPROVEMENTS  
 VICINITY OF ACACIA ROAD TO CENTER DRIVE  
 PROJECT NO. 99D/G-01-08

Scale: 1"=40' Date: April 2008

|                   |      |
|-------------------|------|
| SURVEY PLANNED BY | DATE |
| DESIGNED BY       |      |
| TRACED BY         |      |
| QUANTITIES BY     |      |
| CHECKED BY        |      |
| ORIGINAL PLAN     |      |
| NOTE BOOK         |      |
| No.               |      |

| FED. ROAD DIST. NO. | STATE | PROJECT NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 99D/G-01-08 | 2008        | 43        | 89           |



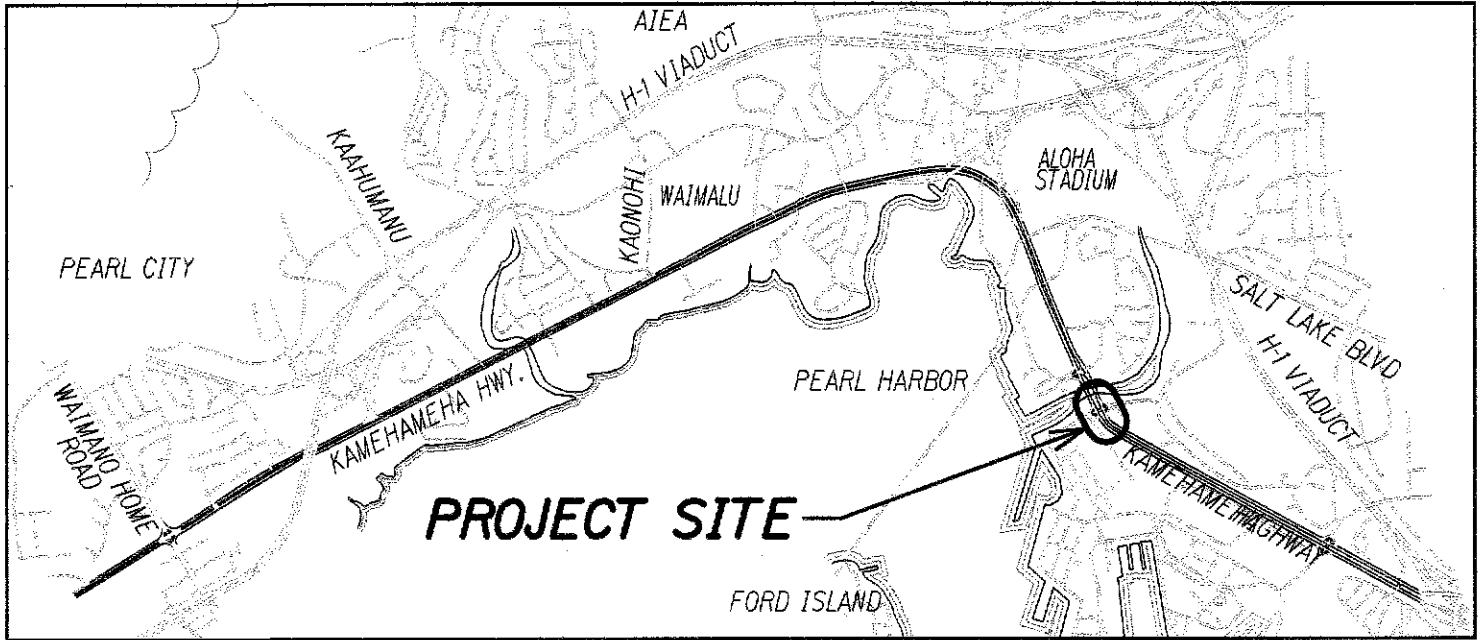
NOTE:

1. Refer to trench details on sheet TS-33 and TS-34.

| Conduit and cable schedule |                      |                             |
|----------------------------|----------------------|-----------------------------|
| Symbol                     | Conduit.             | Description                 |
|                            | 2" Conc.<br>2" Conc. | 1-12pr.#19<br>1-Fiber Optic |
|                            | 2" Conc.<br>2" Conc. | 1-12pr.#19<br>Spare         |
|                            | 2"*<br>2"*           | 1-12pr.#19<br>Spare         |

\* Strap new conduits to existing bridge

**INTERCONNECT PLAN - 6**  
**STA. 1175+00 TO STA. 1186+00**  
 SCALE: 1"=40'



KEY MAP  
Not to Scale

**LEGEND FOR AS-BUILT POSTINGS**

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Roadway Text for as-built posting

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 LICENSED PROFESSIONAL ENGINEER  
 No. 8226-C  
 HAWAII, U.S.A.

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Signature: [Signature] 4/30/10  
 EXPIRATION DATE OF THE LICENSE

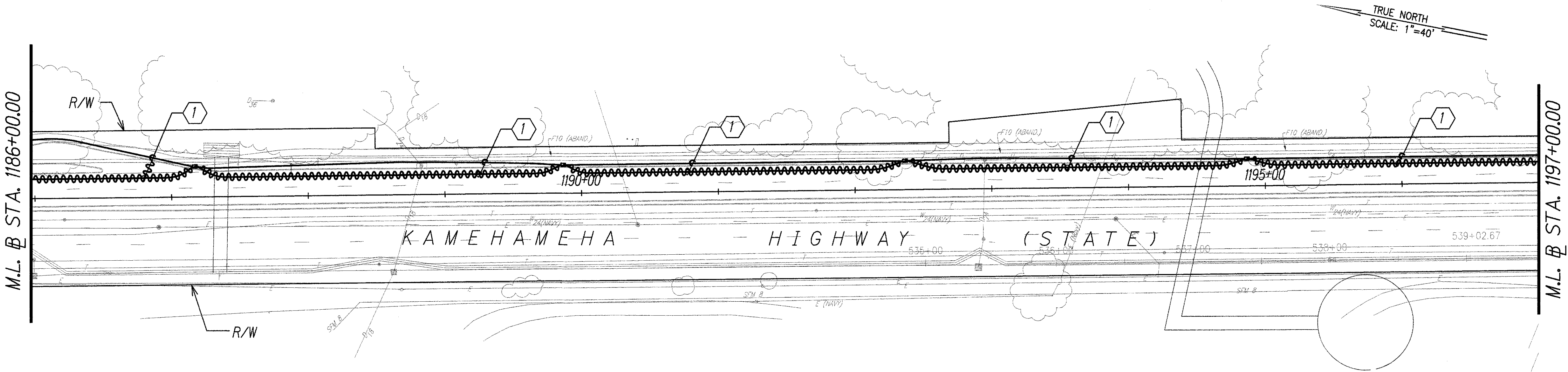
STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**INTERCONNECT PLAN - 6**

KAMEHAMEHA HIGHWAY  
 TRAFFIC OPERATIONAL IMPROVEMENTS  
 VICINITY OF ACACIA ROAD TO CENTER DRIVE  
 PROJECT NO. 99D/G-01-08

Scale: 1"=40' Date: April 2008

| FED. ROAD DIST. NO. | STATE | PROJECT NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 99D/G-01-08 | 2008        | 44        | 89           |

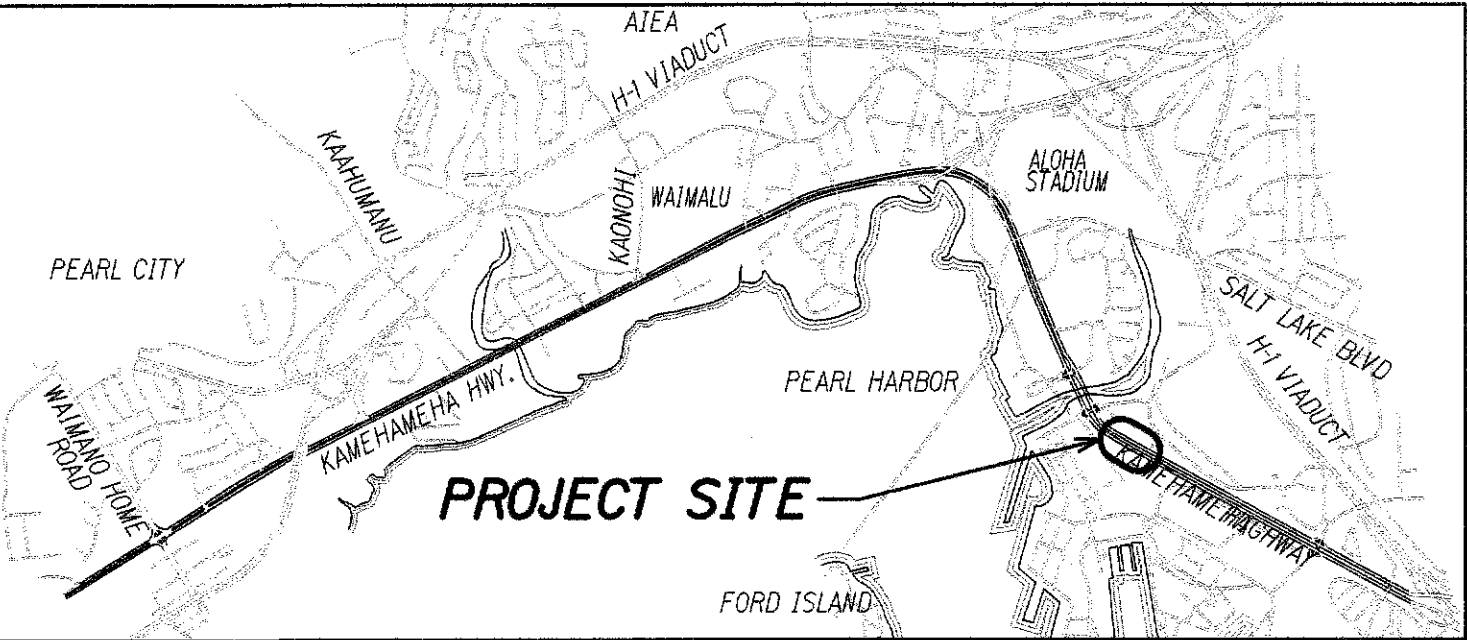


**INTERCONNECT PLAN - 7**  
**STA. 1186+00 TO STA. 1197+00**  
 SCALE: 1"=40'

**NOTE:**

1. Refer to trench details on sheet TS-33 and TS-34.

| Conduit and cable schedule |          |               |
|----------------------------|----------|---------------|
| Symbol                     | Conduit. | Description   |
| 1                          | 2" Conc. | 1-12pr.#19    |
|                            | 2" Conc. | 1-Fiber Optic |



**KEY MAP**  
 Not to Scale

**LEGEND FOR AS-BUILT POSTINGS**

Squiggly line for as-built deletion

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Text for as-built posting

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 No. 8228-C  
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STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**INTERCONNECT PLAN - 7**

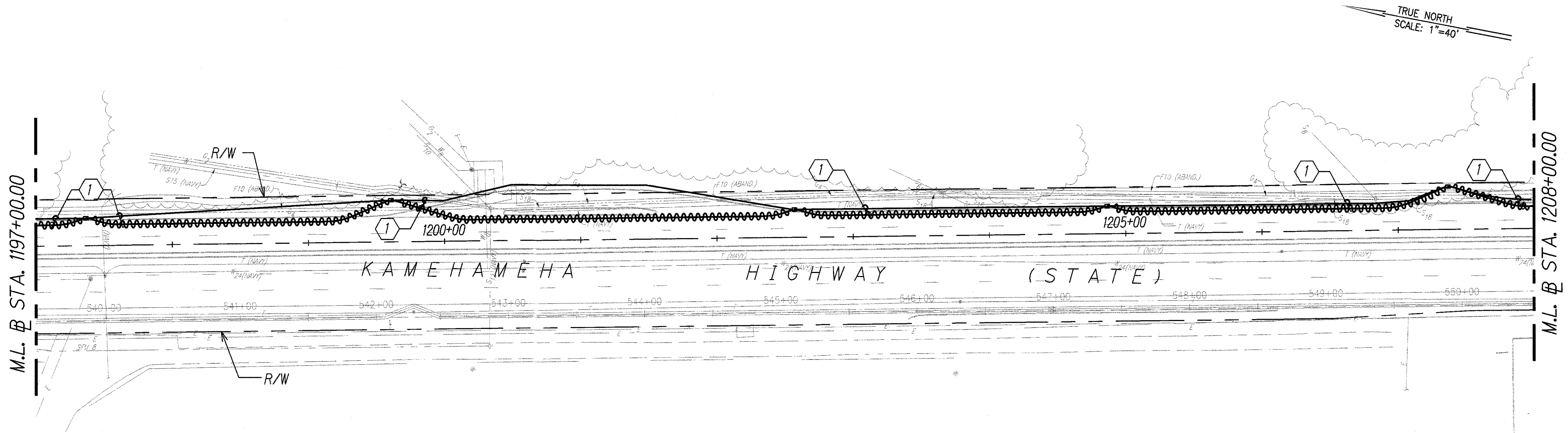
KAMEHAMEHA HIGHWAY  
 TRAFFIC OPERATIONAL IMPROVEMENTS  
 VICINITY OF ACACIA ROAD TO CENTER DRIVE  
 PROJECT NO. 99D/G-01-08

Scale: 1"=40' Date: April 2008

|                   |      |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY          |      |
| DESIGNED BY       |      |
| QUANTITIES BY     |      |
| CHECKED BY        |      |
| ORIGINAL PLAN     |      |
| NOTE BOOK         |      |
| No.               |      |

099-04 TS-25 SALT LAKE BOULEVARD TO CENTER DRIVING

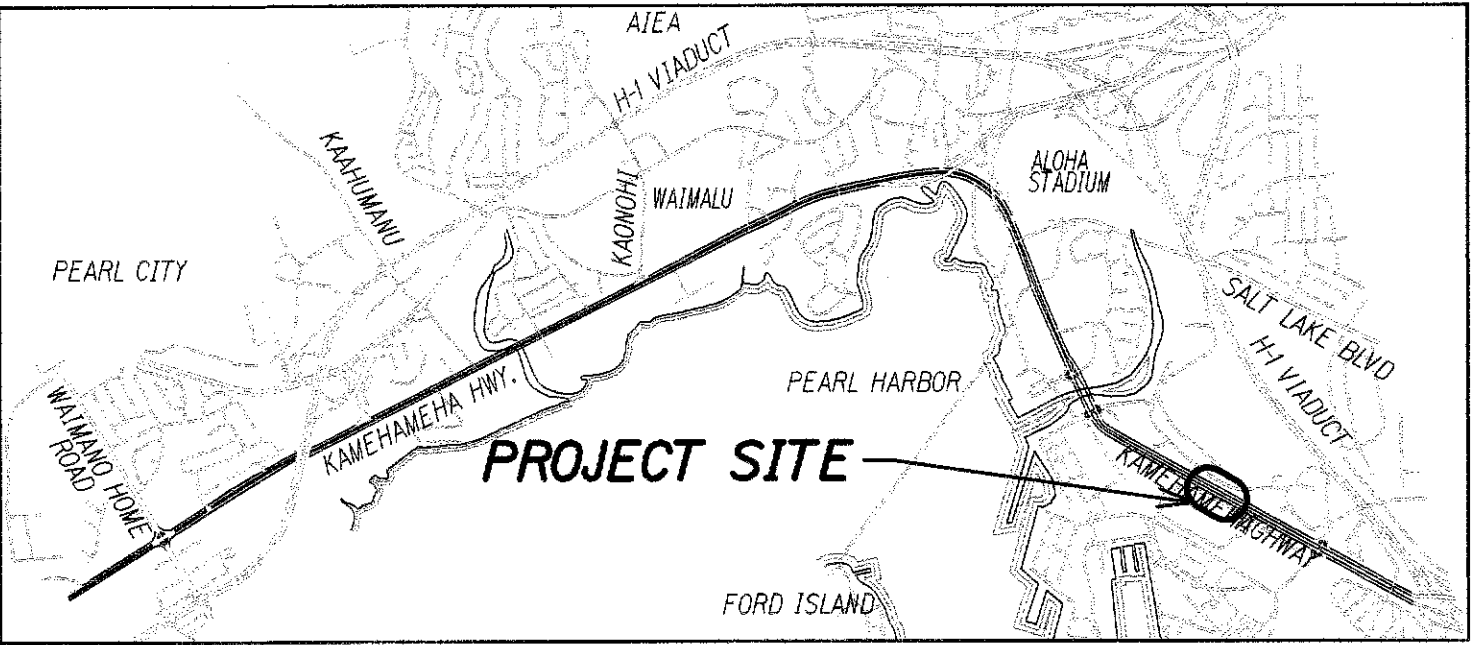
| FED. ROAD DIST. NO. | STATE | PROJECT NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 99D/G-01-08 | 2008        | 45        | 89           |



**INTERCONNECT PLAN - 8**  
**(STA. 1197+00 TO 1208+00)**  
 SCALE: 1"=40'

- NOTE:**
- Refer to trench details on sheet TS-33 and TS-34.

| Conduit and cable schedule |          |               |
|----------------------------|----------|---------------|
| Symbol                     | Conduit. | Description   |
| 1                          | 2" Conc. | 1-12pr.#19    |
|                            | 2" Conc. | 1-Fiber Optic |



**KEY MAP**  
 Not to Scale

**LEGEND FOR AS-BUILT POSTINGS**

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Double line for as-built deletion

Text for as-built posting

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 LICENSED PROFESSIONAL ENGINEER  
 No. 8226-C  
 HAWAII, U.S.A.

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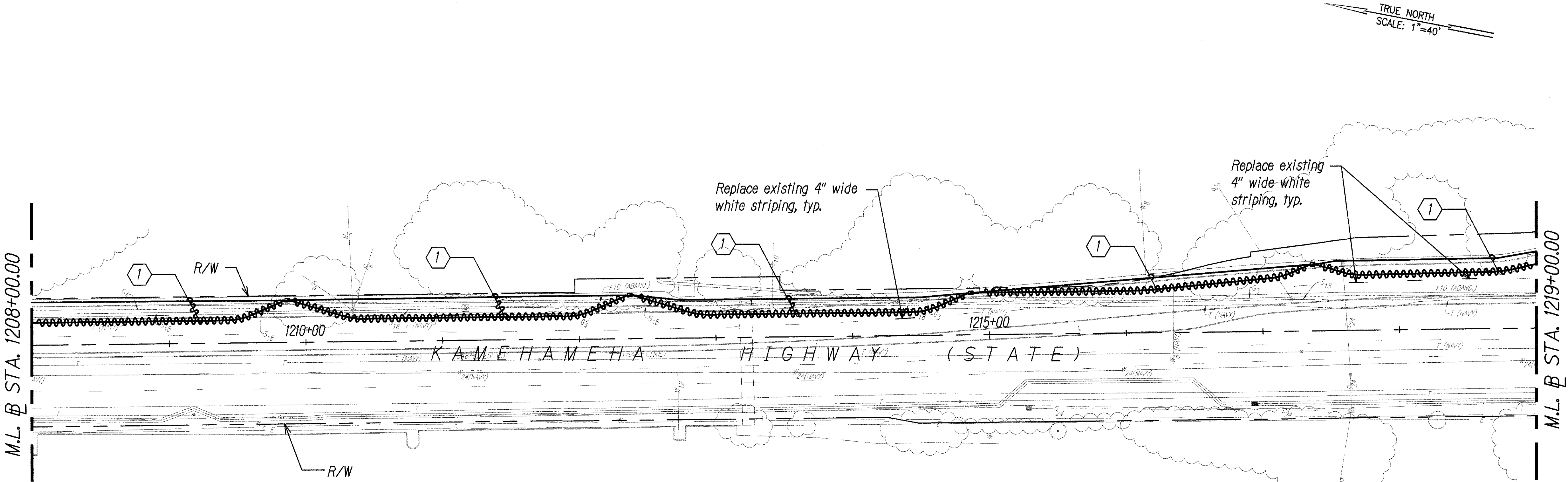
STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**INTERCONNECT PLAN - 8**

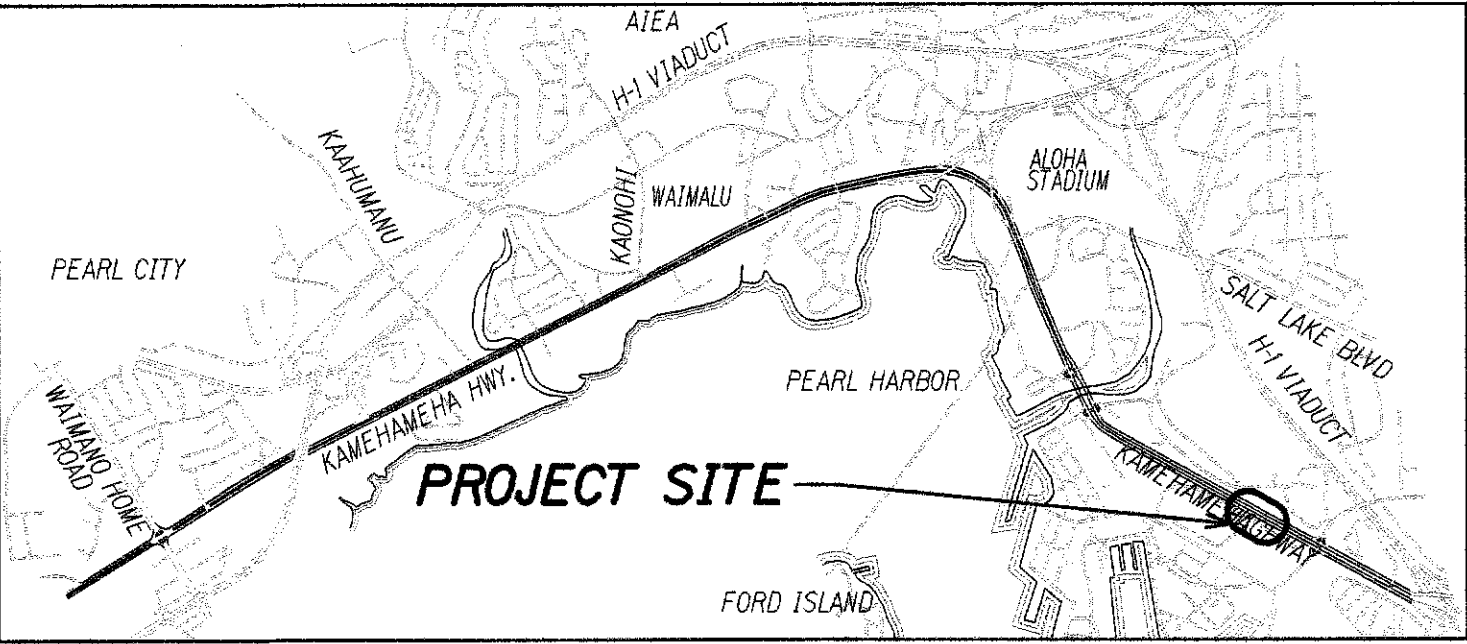
KAMEHAMEHA HIGHWAY  
 TRAFFIC OPERATIONAL IMPROVEMENTS  
 VICINITY OF ACACIA ROAD TO CENTER DRIVE  
 PROJECT NO. 99D/G-01-08

Scale: 1"=40' Date: April 2008

| FED. ROAD DIST. NO. | STATE | PROJECT NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 99D/G-01-08 | 2008        | 46        | 89           |



**INTERCONNECT PLAN - 9**  
**(STA. 1208+00 TO 1219+00)**  
 SCALE: 1"=40'



**KEY MAP**  
 Not to Scale

- NOTE:**
1. Refer to trench details on sheet TS-33 and TS-34.

| Conduit and cable schedule |          |               |
|----------------------------|----------|---------------|
| Symbol                     | Conduit. | Description   |
| 1                          | 2" Conc. | 1-12pr.#19    |
|                            | 2" Conc. | 1-Fiber Optic |

**LEGEND FOR AS-BUILT POSTINGS**

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Text for as-built posting

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STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

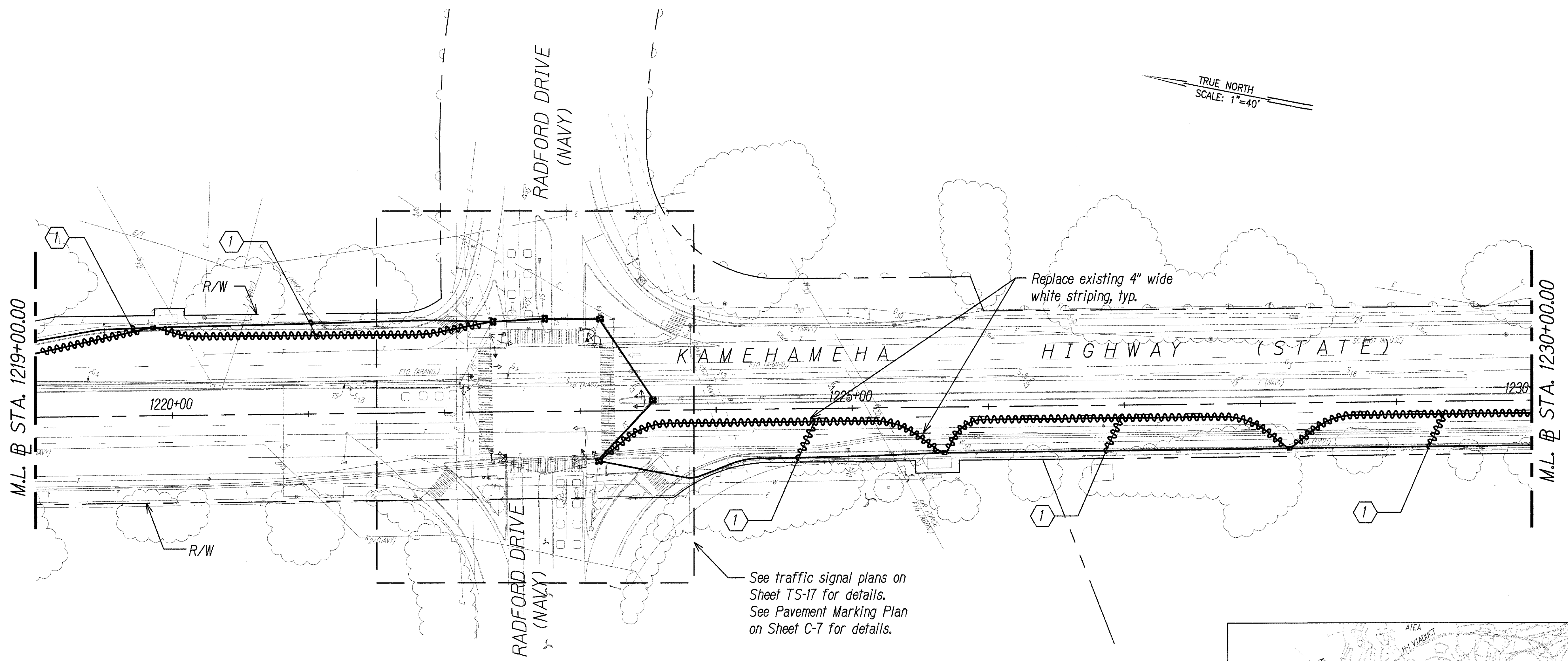
**INTERCONNECT PLAN - 9**

KAMEHAMEHA HIGHWAY  
 TRAFFIC OPERATIONAL IMPROVEMENTS  
 VICINITY OF ACACIA ROAD TO CENTER DRIVE  
 PROJECT NO. 99D/G-01-08

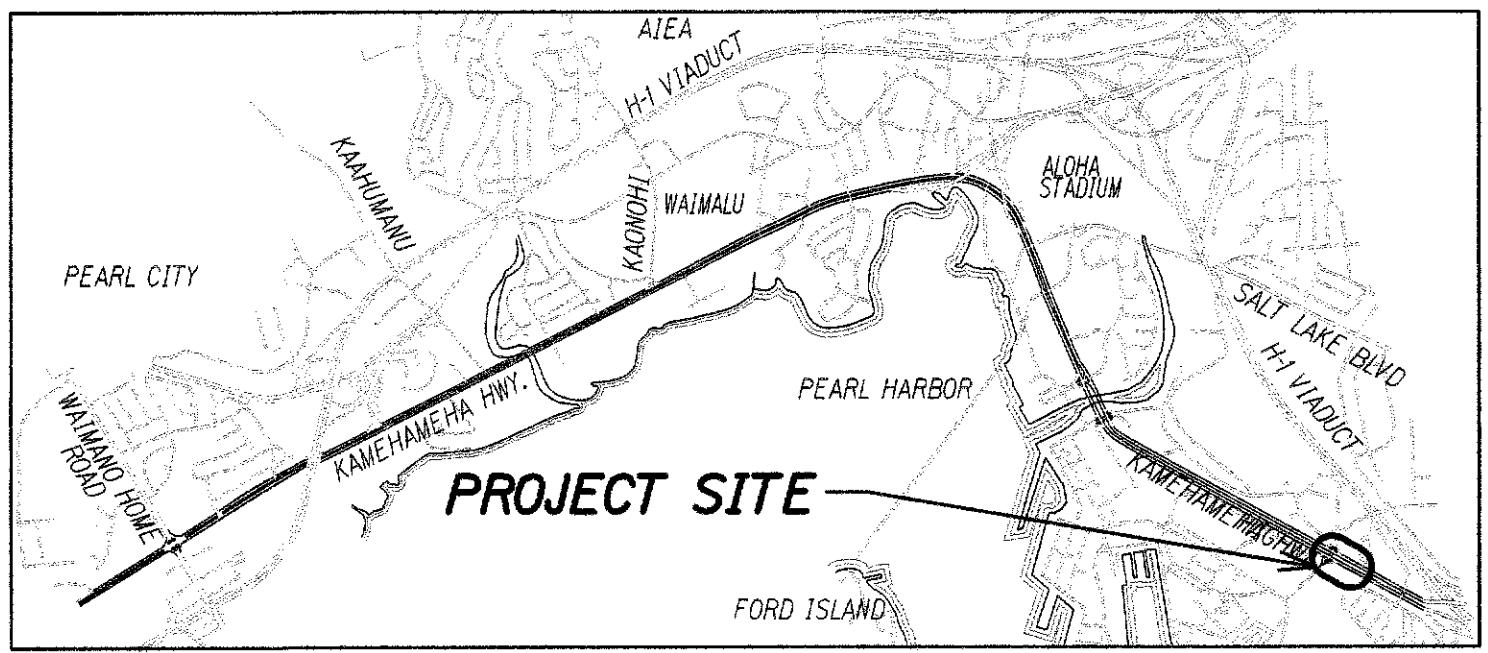
Scale: 1"=40' Date: April 2008

|               |                   |      |
|---------------|-------------------|------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE |
| NOTE BOOK     | DRAWN BY          |      |
|               | TRACED BY         |      |
|               | DESIGNED BY       |      |
|               | QUANTITIES BY     |      |
|               | CHECKED BY        |      |

| FED. ROAD DIST. NO. | STATE | PROJECT NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 99D/G-01-08 | 2008        | 47        | 89           |



**INTERCONNECT PLAN - 10**  
**(STA. 1219+00 TO STA. 1230+00)**  
 SCALE: 1"=40'



**KEY MAP**  
 Not to Scale

- NOTE:**
1. Refer to trench details on sheet TS-33 and TS-34.

| Conduit and cable schedule |                      |                             |
|----------------------------|----------------------|-----------------------------|
| Symbol                     | Conduit.             | Description                 |
| 1                          | 2" Conc.<br>2" Conc. | 1-12pr.#19<br>1-Fiber Optic |

**LEGEND FOR AS-BUILT POSTINGS**

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Double line for as-built deletion

Roadway Text for as-built posting

KEITH K. NIYA  
 LICENSED PROFESSIONAL ENGINEER  
 No. 8226-C  
 HAWAII, U.S.A.

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4/30/10

SIGNATURE EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

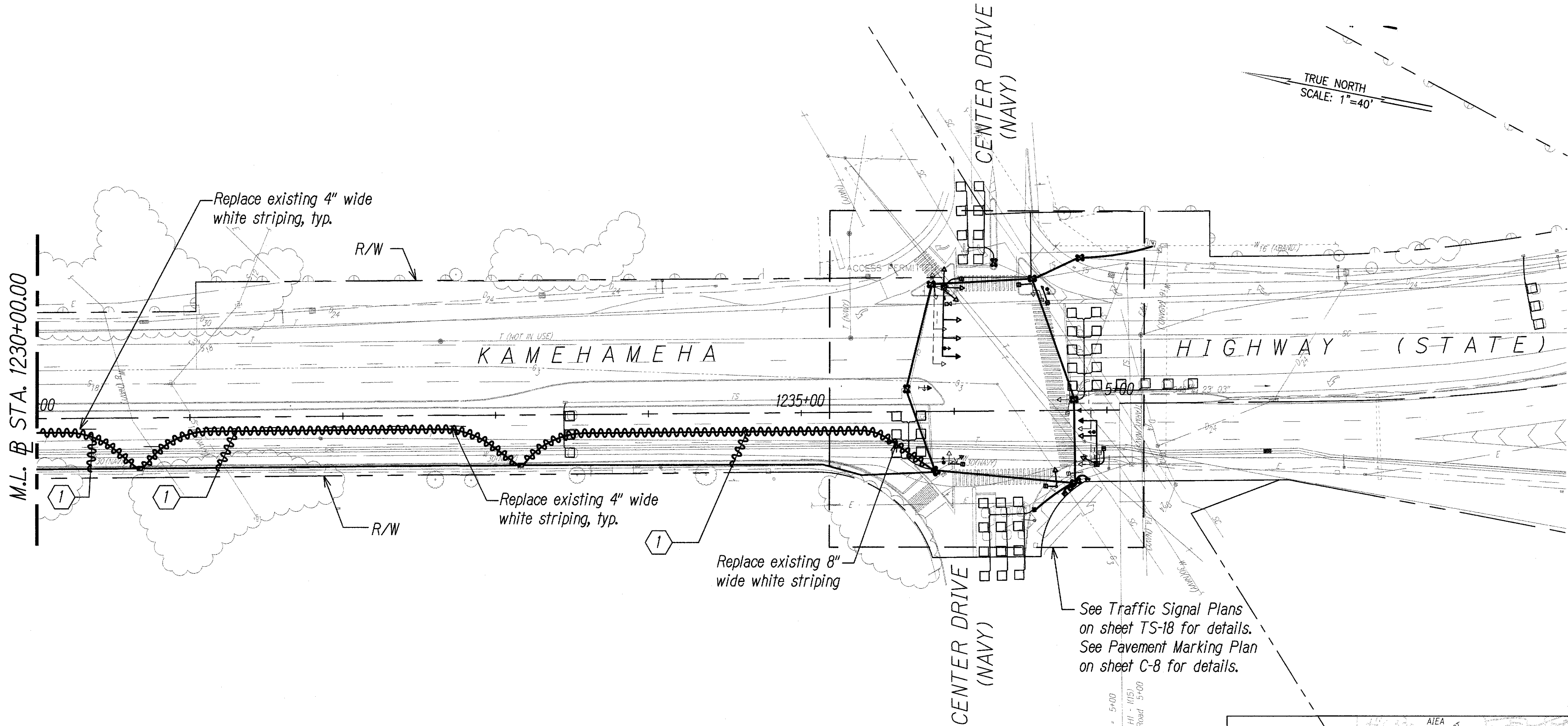
**INTERCONNECT PLAN - 10**

KAMEHAMEHA HIGHWAY  
 TRAFFIC OPERATIONAL IMPROVEMENTS  
 VICINITY OF ACACIA ROAD TO CENTER DRIVE  
 PROJECT NO. 99D/G-01-08

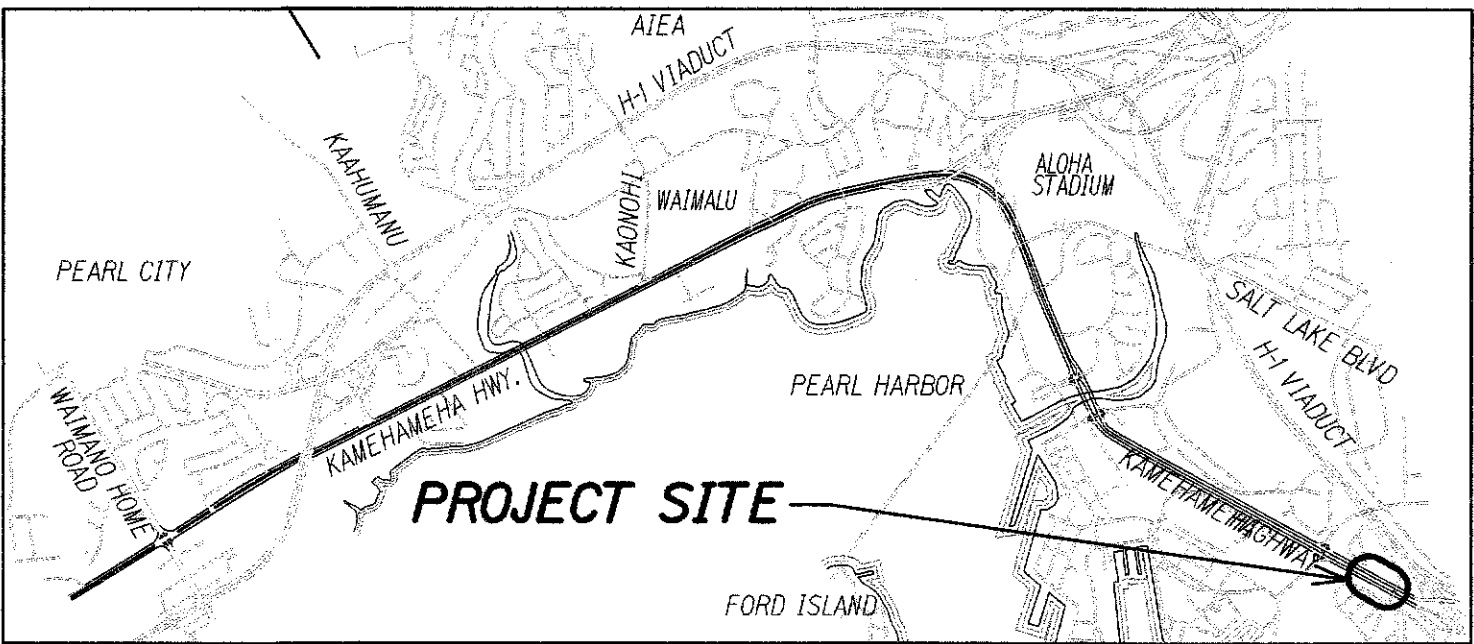
Scale: 1"=40' Date: April 2008

|               |                   |      |
|---------------|-------------------|------|
| ORIGINAL PLAN | SURVEY PLATTED BY | DATE |
| NOTE BOOK     | DRAWN BY          |      |
|               | DESIGNED BY       |      |
|               | QUANTITIES BY     |      |
|               | CHECKED BY        |      |
|               |                   |      |
|               |                   |      |
|               |                   |      |
|               |                   |      |
|               |                   |      |

| FED. ROAD DIST. NO. | STATE | PROJECT NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 99D/G-01-08 | 2008        | 48        | 89           |



**INTERCONNECT PLAN - 11**  
**(STA. 1230+00 TO CENTER DRIVE)**  
 SCALE: 1"=40'



**KEY MAP**  
 Not to Scale

**NOTE:**

1. Refer to trench details on sheet TS-33 and TS-34.

| Conduit and cable schedule |          |               |
|----------------------------|----------|---------------|
| Symbol                     | Conduit. | Description   |
| ①                          | 2" Conc. | 1-12pr.#19    |
|                            | 2" Conc. | 1-Fiber Optic |

**LEGEND FOR AS-BUILT POSTINGS**

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~~100.00~~ Double line for as-built deletion

Roadway Text for as-built posting

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 LICENSED PROFESSIONAL ENGINEER
 No. 8226-C
 HAWAII, U.S.A.

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Keith K. Niwa 4/30/10
 SIGNATURE EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

INTERCONNECT PLAN - 11

KAMEHAMEHA HIGHWAY
 TRAFFIC OPERATIONAL IMPROVEMENTS
 VICINITY OF ACACIA ROAD TO CENTER DRIVE
 PROJECT NO. 99D/G-01-08

Scale: 1"=40' Date: April 2008

| | |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY | |
| DESIGNED BY | |
| CHECKED BY | |
| ORIGINAL PLAN | |
| NOTE BOOK | |
| No. | |