

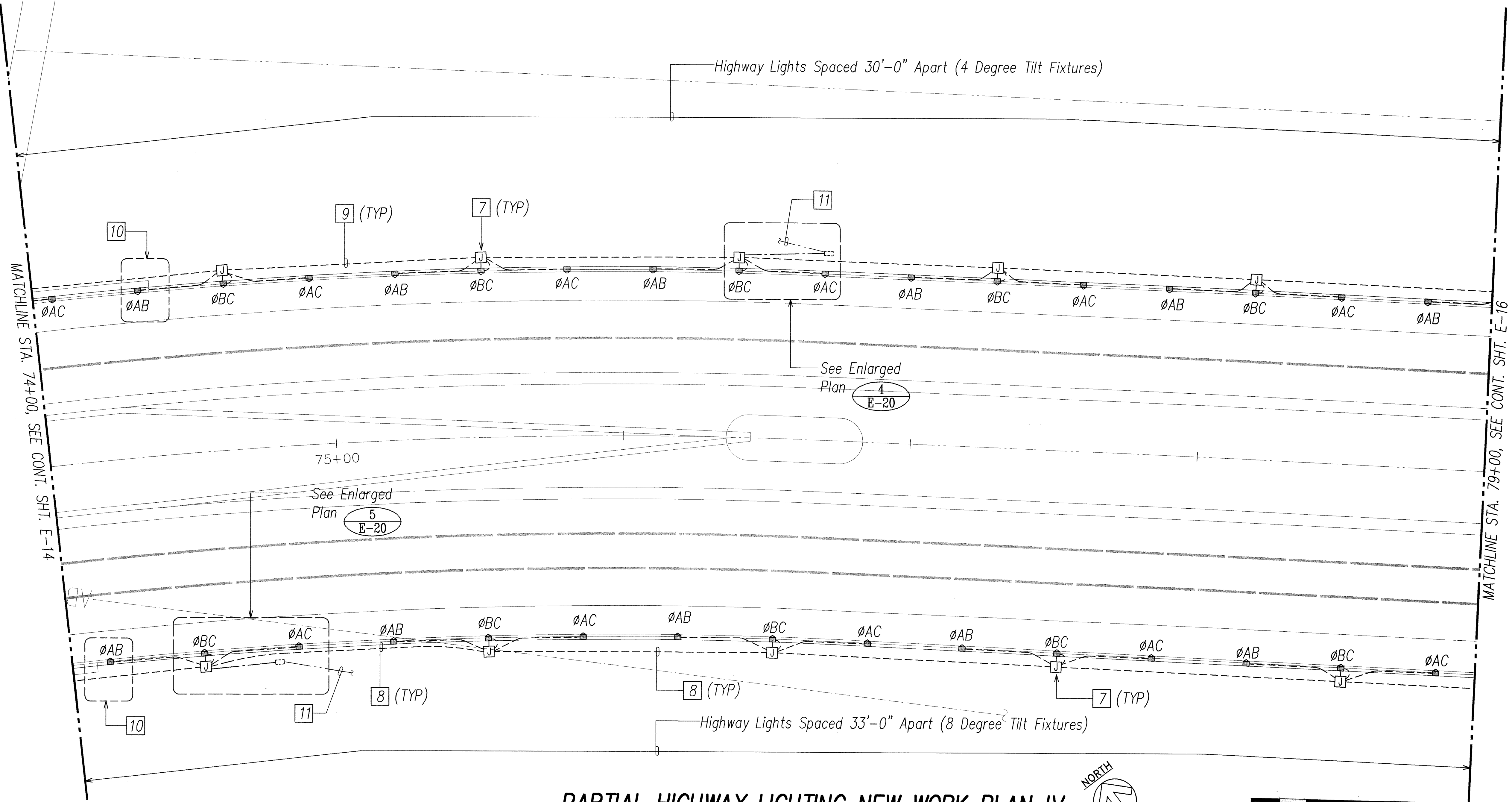
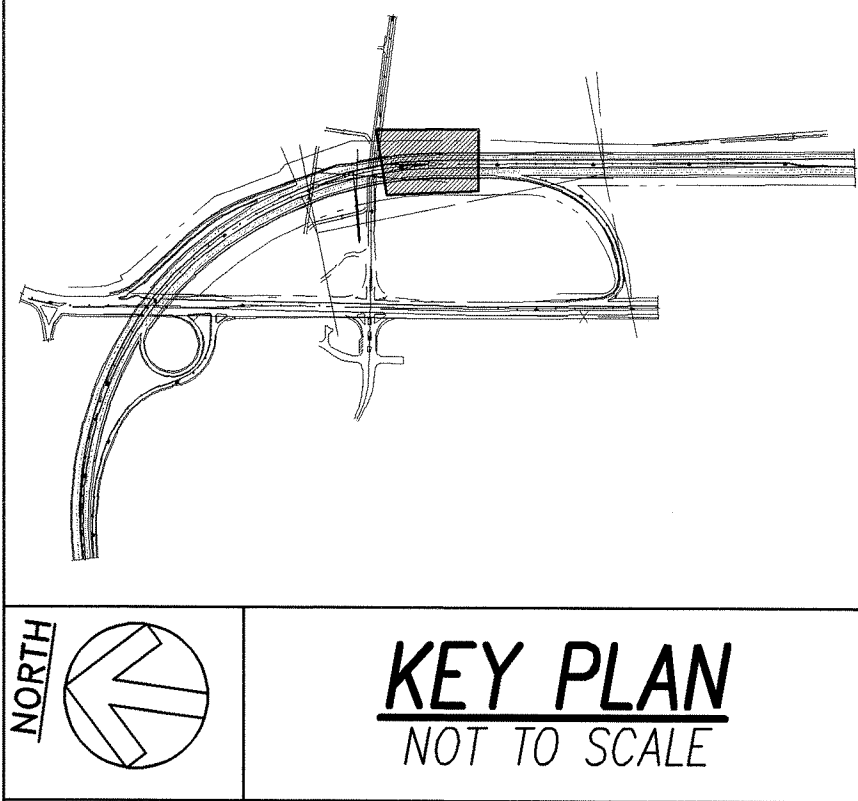








FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-05M	2007	16	36

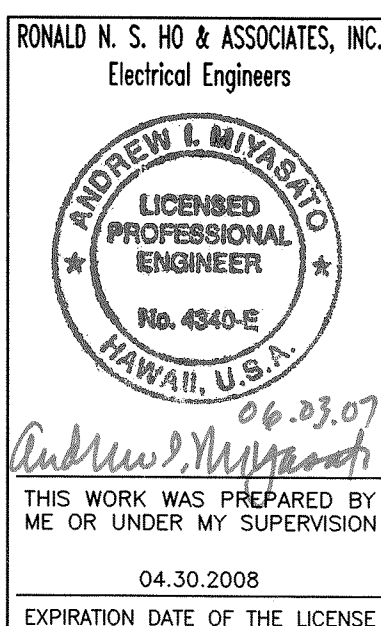
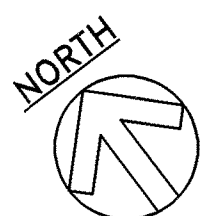


NEW WORK PLAN NOTES

- 1 New Circuit No. 1: Existing 2" Conduit with New Conductors. See Existing Highway Lighting System Diagrams with Modifications on Sheets E-26 and E-27 for Conductor Sizes.
- 2 New Circuit No. 2: Existing 2" Conduit with New Conductors. See Existing Highway Lighting System Diagrams with Modifications on Sheets E-26 and E-27 for Conductor Sizes.
- 3 Existing Circuit No. 4 to Remain.
- 4 Existing Spare 2" Conduit.
- 5 Existing Highway Light Standard Circuit to be Reconnected to New Circuit in Existing Pullbox.
- 6 Existing Circuit No. 3 to Remain.
- 7 New Junction Box, 18" SQ. x 8"D, NEMA 4X, Type 315 Stainless Steel, with Tamperproof Screws to Secure Junction Box Cover; Mounted to Existing Concrete Barrier per Structural Details. See Structural Sheet S-1.
- 8 New Circuit NO. 1: New 2" Galvanized Rigid Steel Conduit with PVC Coating, to Adjacent Junction Box; Surface Mounted on Existing Concrete Barrier per Structural Details. See Structural Sheet S-1.
- 9 New Circuit NO. 2: New 2" Galvanized Rigid Steel Conduit with PVC Coating, to Adjacent Junction Box;

PARTIAL HIGHWAY LIGHTING NEW WORK PLAN IV  
SCALE: 1"=20'

- 9 New Circuit NO. 2: New 2" Galvanized Rigid Steel Conduit with PVC Coating, to Adjacent Junction Box; Surface Mounted on Existing Concrete Barrier per Structural Details. See Structural Sheet S-1.
- 10 Provide Galvanized Rigid Steel Conduit to Liquidtight Flexible Metal Conduit Transition Across Existing Bridge Expansion Joint as Required to Allow for Movement of Bridge Structure Without Damaging Conduit Installation. Existing Highway Sign Light Circuit to Remain and be Reconnected to New Lighting Circuit, to Maintain Existing Circuit Continuity.
- 11



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**PARTIAL HIGHWAY LIGHTING  
NEW WORK PLAN IV**  
H-2 RAIL LIGHT REPLACEMENT,  
VICINITY OF WAHIAWA OFF RAMP

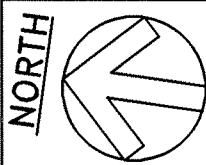
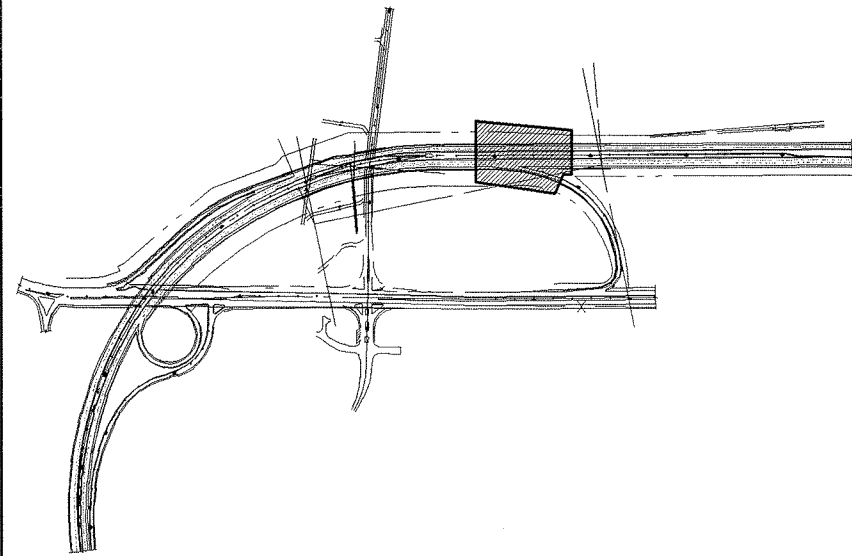
Project No. HWY-0-03-05M  
Scale: AS NOTED Date: JUNE 2007  
SHEET No. E-15 OF 35 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	" "
DESIGNED BY	" "
QUANTITIES BY	" "
CHECKED BY	" "
ORIGINAL PLAN	No.

LAST SAVE: 06/03/07 @ 05:46:39 BY: AM PLOT SC: 1:20  
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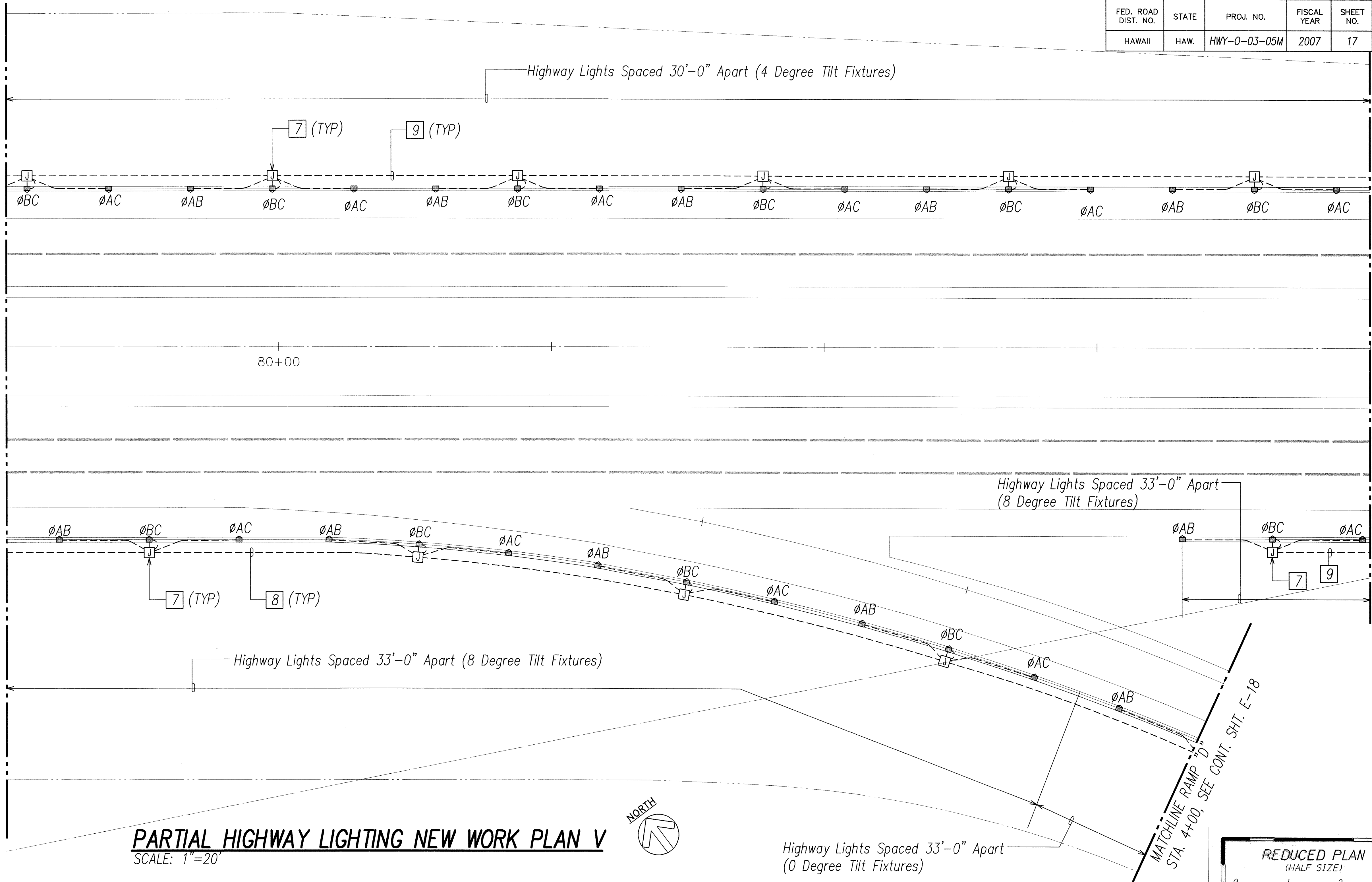


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-05M	2007	17	36



**KEY PLAN**  
NOT TO SCALE

MATCHLINE STA. 79+00, SEE CONT. SHT. E-15



MATCHLINE STA. 84+00, SEE CONT. SHT. E-17

### NEW WORK PLAN NOTES

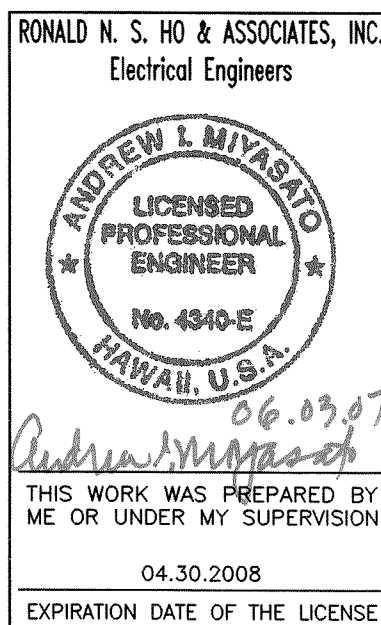
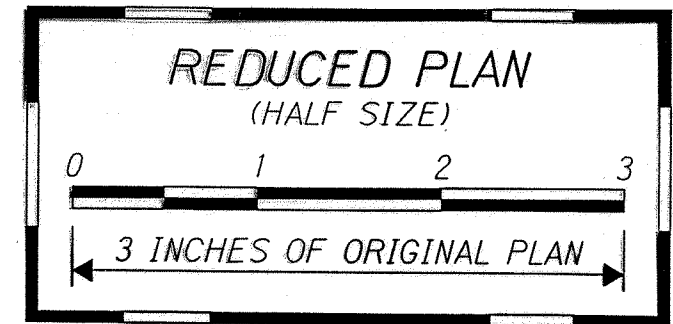
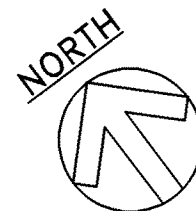
- 1 New Circuit No. 1: Existing 2" Conduit with New Conductors. See Existing Highway Lighting System Diagrams with Modifications on Sheets E-26 and E-27 for Conductor Sizes.
- 2 New Circuit No. 2: Existing 2" Conduit with New Conductors. See Existing Highway Lighting System Diagrams with Modifications on Sheets E-26 and E-27 for Conductor Sizes.
- 3 Existing Circuit No. 4 to Remain.
- 4 Existing Spare 2" Conduit.
- 5 Existing Highway Light Standard Circuit to be Reconnected to New Circuit in Existing Pullbox.

### PARTIAL HIGHWAY LIGHTING NEW WORK PLAN V

SCALE: 1"=20'

- 6 Existing Circuit No. 3 to Remain.
- 7 New Junction Box, 18" SQ. x 8"D, NEMA 4X, Type 315 Stainless Steel, with Tamperproof Screws to Secure Junction Box Cover; Mounted to Existing Concrete Barrier per Structural Details. See Structural Sheet S-1.
- 8 New Circuit NO. 1: New 2" Galvanized Rigid Steel Conduit with PVC Coating, to Adjacent Junction Box; Surface Mounted on Existing Concrete Barrier per Structural Details. See Structural Sheet S-1.

- 9 New Circuit NO. 2: New 2" Galvanized Rigid Steel Conduit with PVC Coating, to Adjacent Junction Box; Surface Mounted on Existing Concrete Barrier per Structural Details. See Structural Sheet S-1.
- 10 Provide Galvanized Rigid Steel Conduit to Liquidtite Flexible Metal Conduit Transition Across Existing Bridge Expansion Joint as Required to Allow for Movement of Bridge Structure Without Damaging Conduit Installation.
- 11 Existing Highway Sign Light Circuit to Remain and be Reconnected to New Lighting Circuit, to Maintain Existing Circuit Continuity.



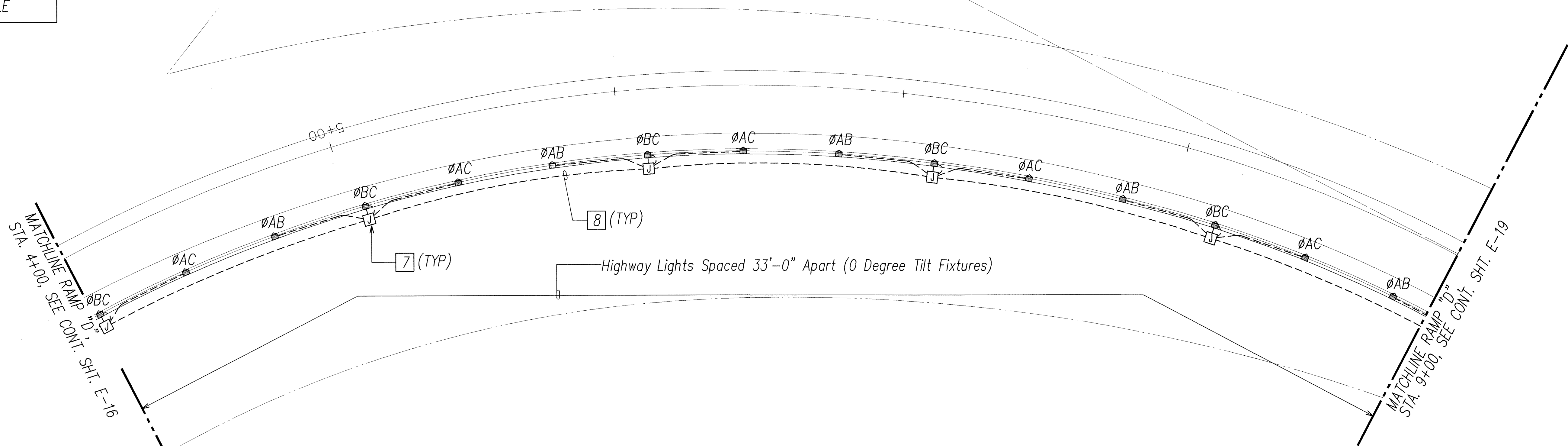
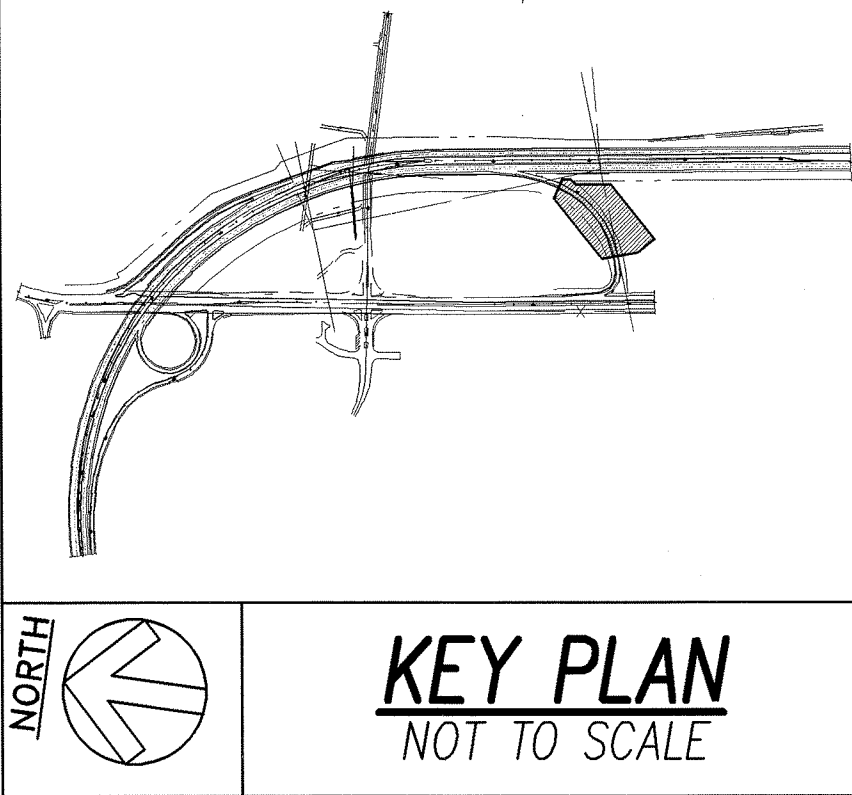
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**PARTIAL HIGHWAY LIGHTING**  
**NEW WORK PLAN V**  
H-2 RAIL LIGHT REPLACEMENT,  
VICINITY OF WAHIAWA OFF RAMP

Project No. HWY-0-03-05M  
Scale: AS NOTED Date: JUNE 2007  
SHEET No. E-16 OF 35 SHEETS





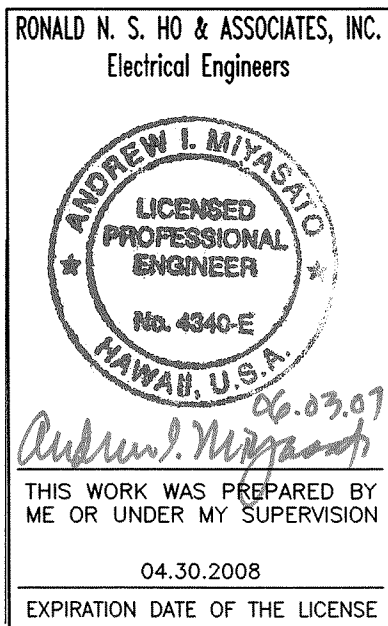
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-05M	2007	19	36



**PARTIAL HIGHWAY LIGHTING NEW WORK PLAN VII**  
SCALE: 1"=20'

**NEW WORK PLAN NOTES**

- 1 New Circuit No. 1: Existing 2" Conduit with New Conductors. See Existing Highway Lighting System Diagrams with Modifications on Sheets E-26 and E-27 for Conductor Sizes.
- 2 New Circuit No. 2: Existing 2" Conduit with New Conductors. See Existing Highway Lighting System Diagrams with Modifications on Sheets E-26 and E-27 for Conductor Sizes.
- 3 Existing Circuit No. 4 to Remain.
- 4 Existing Spare 2" Conduit.
- 5 Existing Highway Light Standard Circuit to be Reconnected to New Circuit in Existing Pullbox.
- 6 Existing Circuit No. 3 to Remain.
- 7 New Junction Box, 18" SQ. x 8"D, NEMA 4X, Type 315 Stainless Steel, with Tamperproof Screws to Secure Junction Box Cover; Mounted to Existing Concrete Barrier per Structural Details. See Structural Sheet S-1.
- 8 New Circuit NO. 1: New 2" Galvanized Rigid Steel Conduit with PVC Coating, to Adjacent Junction Box; Surface Mounted on Existing Concrete Barrier per Structural Details. See Structural Sheet S-1.
- 9 New Circuit NO. 2: New 2" Galvanized Rigid Steel Conduit with PVC Coating, to Adjacent Junction Box; Surface Mounted on Existing Concrete Barrier per Structural Details. See Structural Sheet S-1.
- 10 Provide Galvanized Rigid Steel Conduit to Liquidtite Flexible Metal Conduit Transition Across Existing Bridge Expansion Joint as Required to Allow for Movement of Bridge Structure Without Damaging Conduit Installation.
- 11 Existing Highway Sign Light Circuit to Remain and be Reconnected to New Lighting Circuit, to Maintain Existing Circuit Continuity.



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**PARTIAL HIGHWAY LIGHTING**  
**NEW WORK PLAN VII**  
H-2 RAIL LIGHT REPLACEMENT,  
VICINITY OF WAHIAWA OFF RAMP

Project No. HWY-0-03-05M  
Scale: AS NOTED Date: JUNE 2007  
SHEET No. E-18 OF 35 SHEETS

