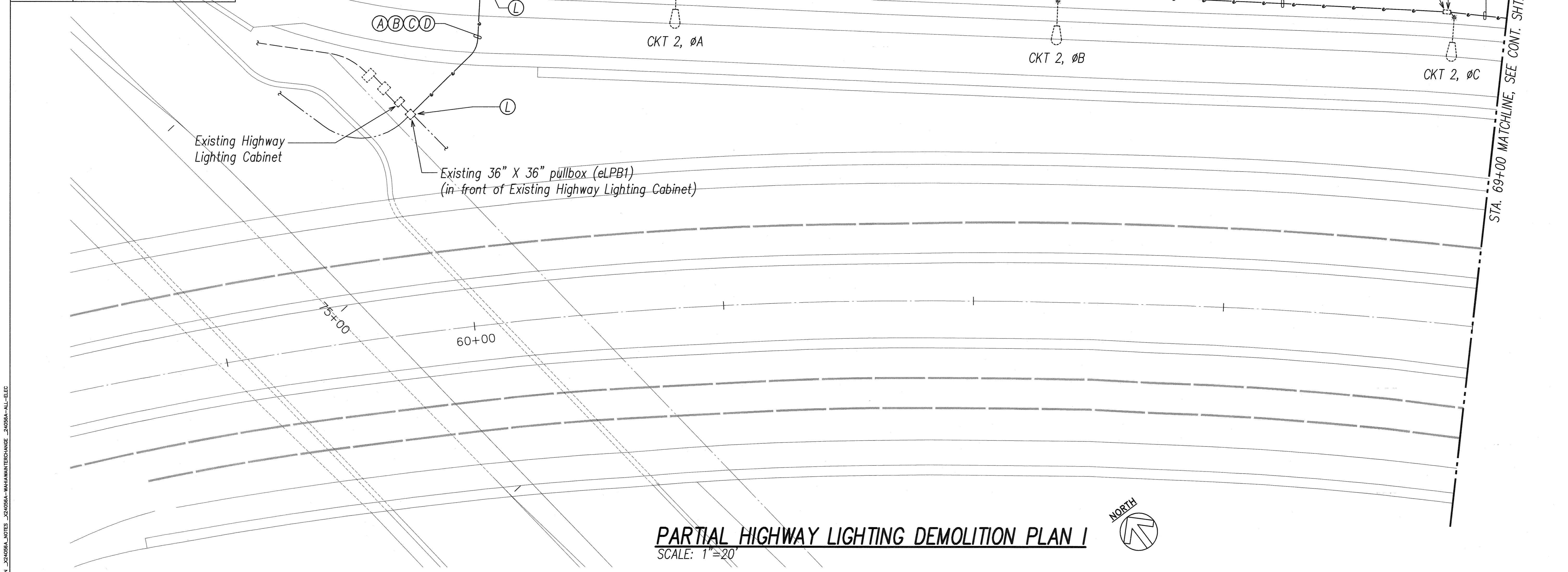
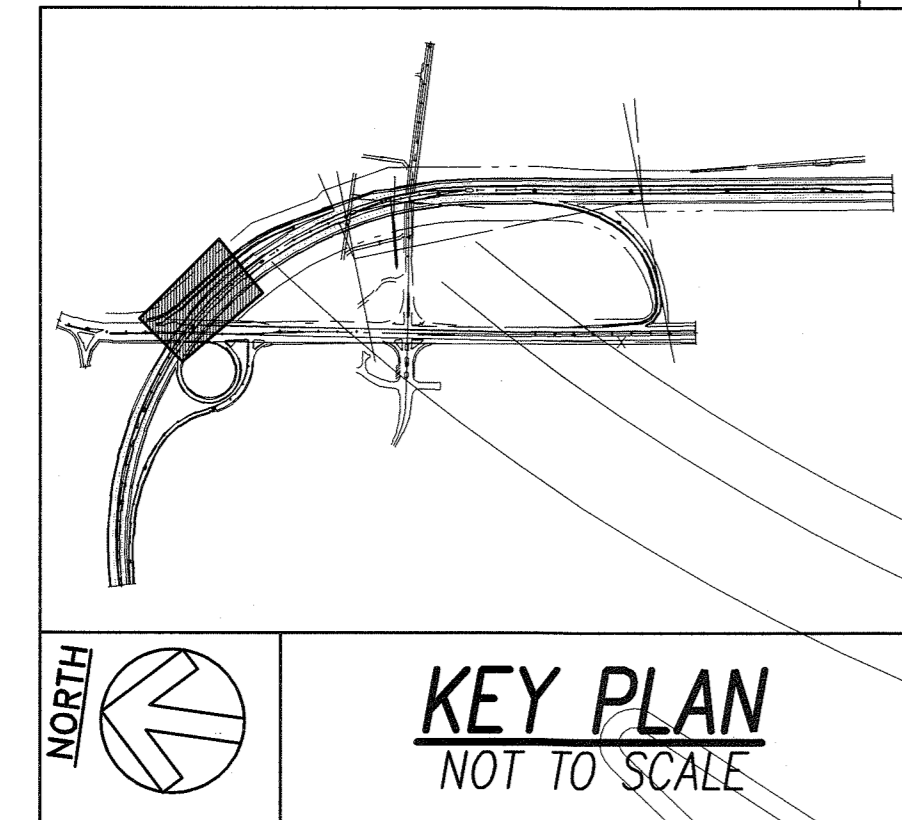


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-05MR	2008	5	38



**PARTIAL HIGHWAY LIGHTING DEMOLITION PLAN I**  
SCALE: 1"=20'

**DEMOLITION PLAN NOTES**

- (A) Existing Circuit No. 1: 2" Conduit with 4#4, 1#8 Ground; Remove Conductors and Reuse Conduit.
- (B) Existing Circuit No. 2: 2" Conduit, 4#4, 1#8 Ground; Remove Conductors and Reuse Conduit.
- (C) Existing Circuit No. 4: 2" Conduit, 3#8, 1#8 Ground.
- (D) Existing Spare 2" Conduit.
- (E) Existing Circuit No. 3: 2" Conduit, 4#8, 1#8 Ground.
- (F) Existing Circuit No. 1: 2" Conduit, 4#4, 1#8 Ground; Remove Conductors and Abandon Conduit in Place.
- (G) Existing Circuit No. 2: 2" Conduit, 4#4, 1#8 Ground; Remove Conductors and Abandon Conduit in Place.
- (H) Existing Junction Box, Flush Mounted in Existing Concrete Barrier; Remove Conductors and Abandon Junction Box in Place.
- (I) Remove Existing Barrier Top Mounted Continuous Row Fluorescent Light Fixtures and All Associated Mounting Hardware; Patch Existing Concrete Barrier with Epoxy Grout, Flush with Existing Finish.
- (J) Existing Circuit to Existing Highway Sign Light to Remain and be Disconnected from Existing Circuit Conductors to Maintain Existing Circuit Continuity.
- (K) Existing Highway Lighting Concrete Pullbox to be Abandoned in Place.
- (L) Existing Highway Lighting Concrete Pullbox to Remain and be Reused.

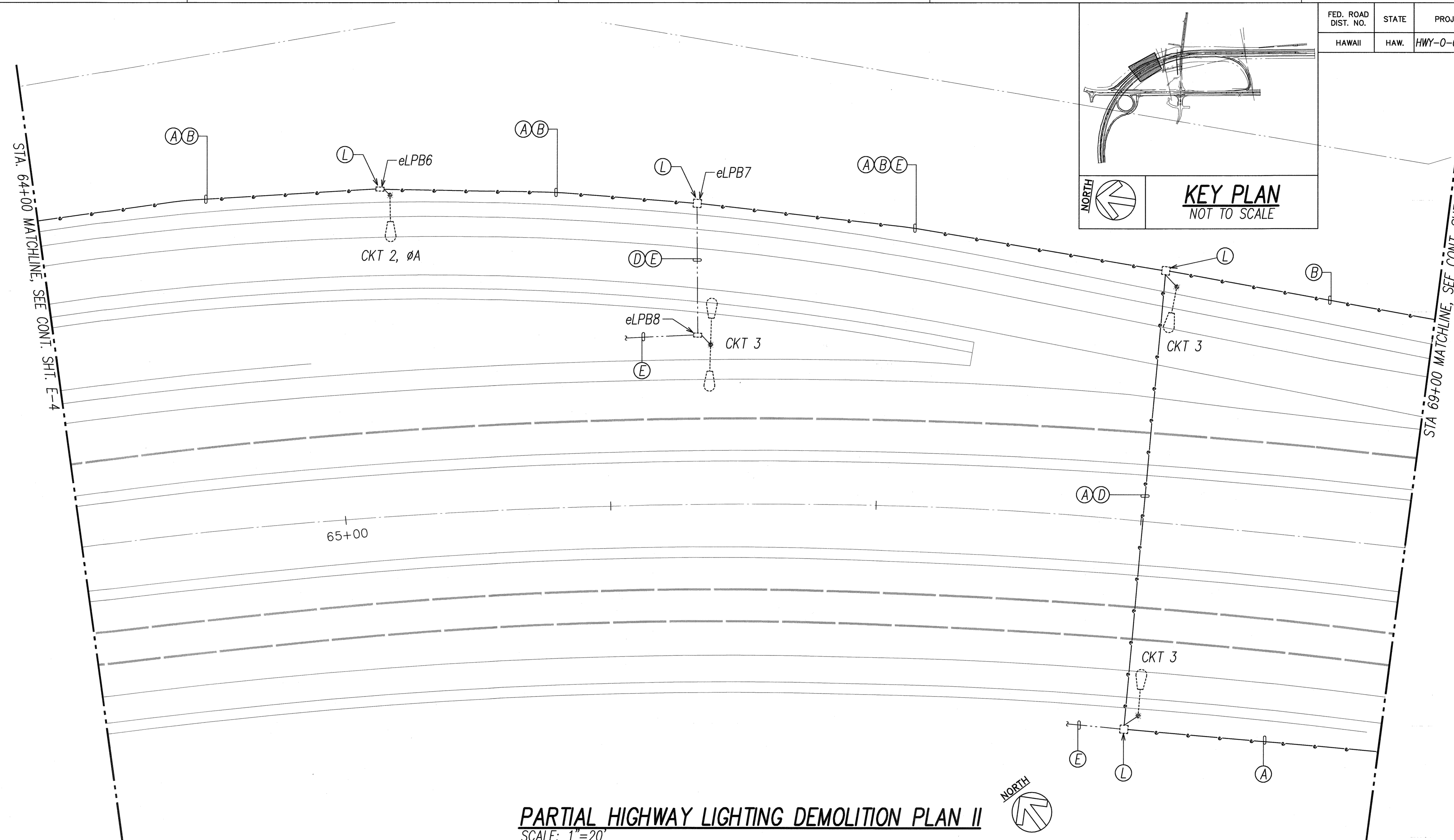
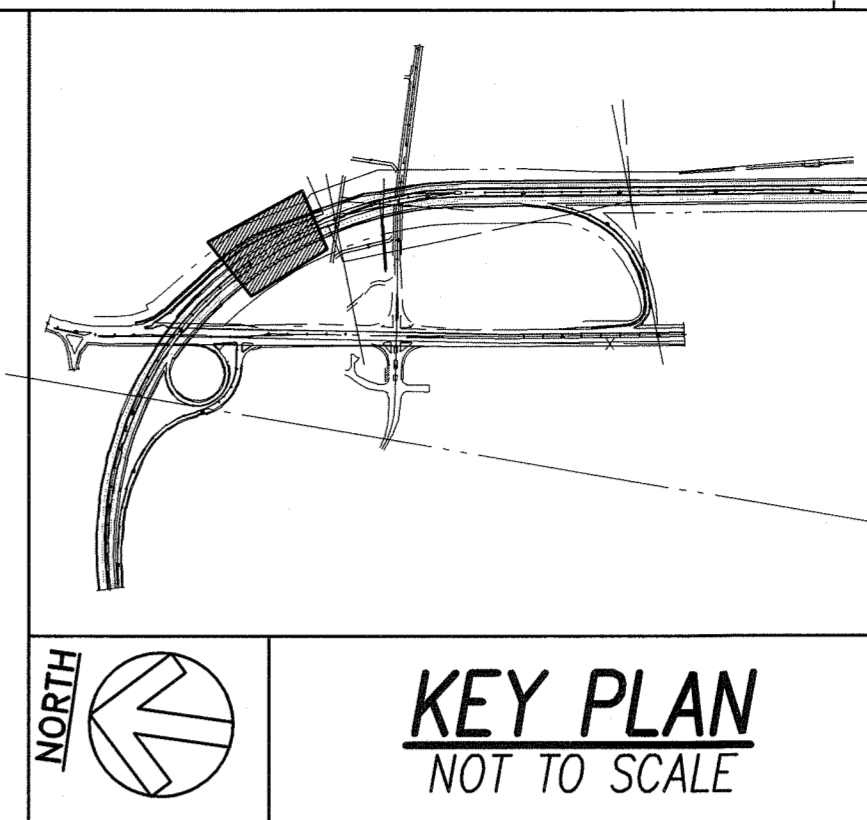
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DESIGNED BY	_____
DRAWN BY	_____
CHECKED BY	_____
NOTED BY	_____
QUANTITIES BY	_____
NO.	_____

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RONALD N. S. HO & ASSOCIATES, INC.  
 Electrical Engineers  
  
 ANDREW I. MIYASATO  
 LICENSED PROFESSIONAL ENGINEER  
 No. 4340-E  
 HAWAII, U.S.A.  
 05.22.08  
 Andrew I. Miyasato  
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
 04.30.2008  
 EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**PARTIAL HIGHWAY LIGHTING DEMOLITION PLAN I**  
 H-2 RAIL LIGHT REPLACEMENT, VICINITY OF WAHIAWA OFF RAMP  
 Project No. HWY-0-03-05MR  
 Scale: AS NOTED Date: MAY 2008  
 SHEET No. E-4 OF 35 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-05MR	2008	6	38



**PARTIAL HIGHWAY LIGHTING DEMOLITION PLAN II**  
SCALE: 1"=20'

**DEMOLITION PLAN NOTES**

- (A) Existing Circuit No. 1: 2" Conduit with 4#4, 1#8 Ground; Remove Conductors and Reuse Conduit.
- (B) Existing Circuit No. 2: 2" Conduit, 4#4, 1#8 Ground; Remove Conductors and Reuse Conduit.
- (C) Existing Circuit No. 4: 2" Conduit, 3#8, 1#8 Ground.
- (D) Existing Spare 2" Conduit.
- (E) Existing Circuit No. 3: 2" Conduit, 4#8, 1#8 Ground.
- (F) Existing Circuit No. 1: 2" Conduit, 4#4, 1#8 Ground; Remove Conductors and Abandon Conduit in Place.
- (G) Existing Circuit No. 2: 2" Conduit, 4#4, 1#8 Ground; Remove Conductors and Abandon Conduit in Place.
- (H) Existing Junction Box, Flush Mounted in Existing Concrete Barrier; Remove Conductors and Abandon Junction Box in Place.
- (I) Remove Existing Barrier Top Mounted Continuous Row Fluorescent Light Fixtures and All Associated Mounting Hardware; Patch Existing Concrete Barrier with Epoxy Grout, Flush with Existing Finish.
- (J) Existing Circuit to Existing Highway Sign Light to Remain and be Disconnected from Existing Circuit Conductors to Maintain Existing Circuit Continuity.
- (K) Existing Highway Lighting Concrete Pullbox to be Abandoned in Place.
- (L) Existing Highway Lighting Concrete Pullbox to Remain and be Reused.

ORIGINAL PLAN	DATE
TRACED BY	
DESIGNED BY	
CHECKED BY	
NO.	

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RONALD N. S. HO & ASSOCIATES, INC.  
Electrical Engineers

05.22.08  
Andrew L. Miyasato  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
04.30.2008  
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

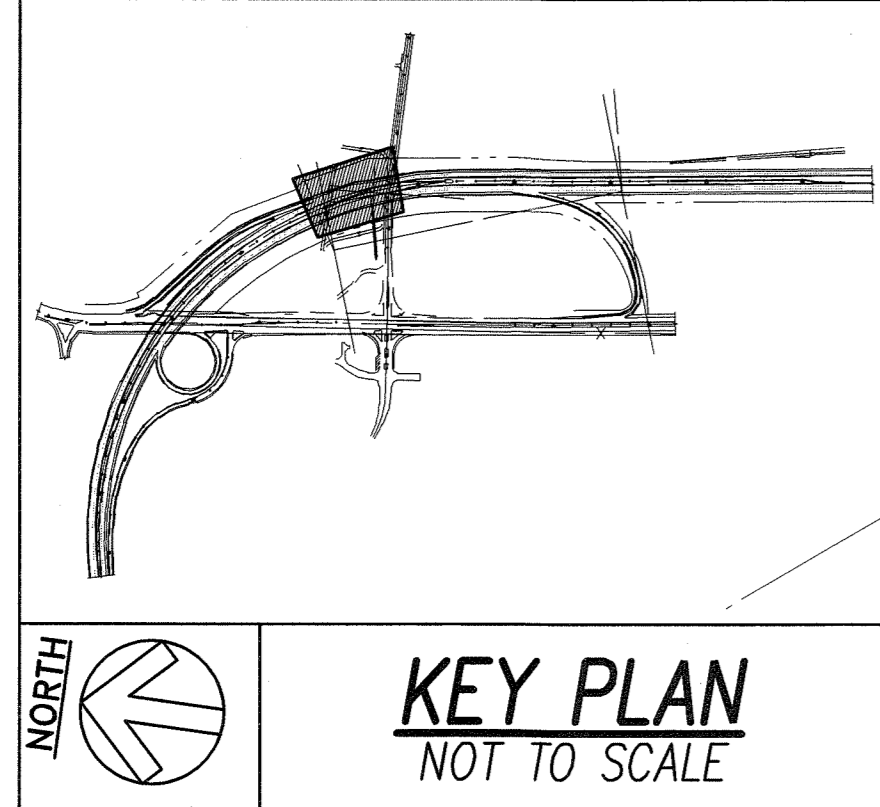
**PARTIAL HIGHWAY LIGHTING  
DEMOLITION PLAN II**

H-2 RAIL LIGHT REPLACEMENT,  
VICINITY OF WAHIAWA OFF RAMP

Project No. HWY-0-03-05MR  
Scale: AS NOTED Date: MAY 2008

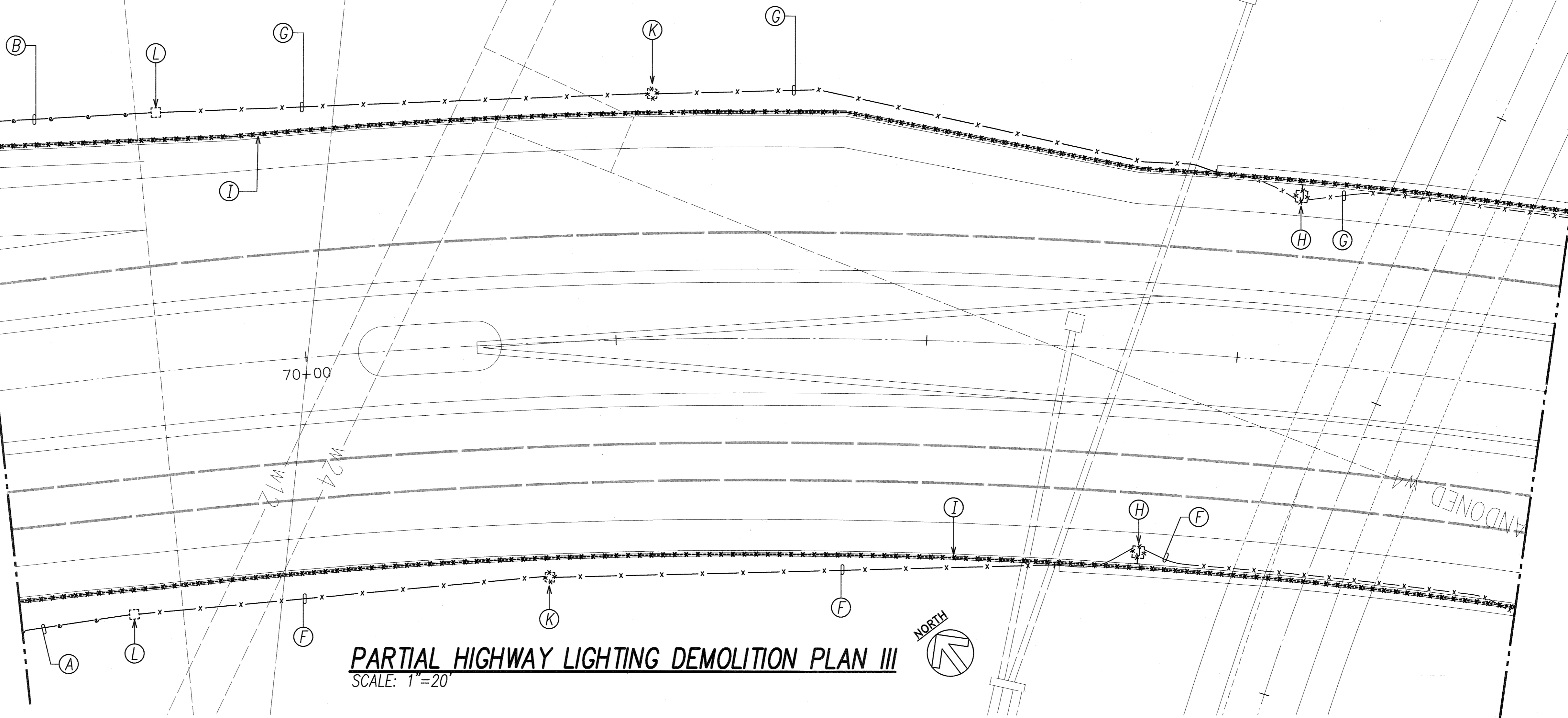
SHEET No. E-5 OF 35 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-05MR	2008	7	38



MATCHLINE STA. 69+00, SEE CONT. SHT. E-5

MATCHLINE STA. 74+00, SEE CONT. SHT. E-7



**PARTIAL HIGHWAY LIGHTING DEMOLITION PLAN III**  
SCALE: 1"=20'

DEMOLITION PLAN NOTES

- (A) Existing Circuit No. 1: 2" Conduit with 4#4, 1#8 Ground; Remove Conductors and Reuse Conduit.
- (B) Existing Circuit No. 2: 2" Conduit, 4#4, 1#8 Ground; Remove Conductors and Reuse Conduit.
- (C) Existing Circuit No. 4: 2" Conduit, 3#8, 1#8 Ground.
- (D) Existing Spare 2" Conduit.
- (E) Existing Circuit No. 3: 2" Conduit, 4#8, 1#8 Ground.
- (F) Existing Circuit No. 1: 2" Conduit, 4#4, 1#8 Ground; Remove Conductors and Abandon Conduit in Place.
- (G) Existing Circuit No. 2: 2" Conduit, 4#4, 1#8 Ground; Remove Conductors and Abandon Conduit in Place.
- (H) Existing Junction Box, Flush Mounted in Existing Concrete Barrier; Remove Conductors and Abandon Junction Box in Place.
- (I) Remove Existing Barrier Top Mounted Continuous Row Fluorescent Light Fixtures and All Associated Mounting Hardware; Patch Existing Concrete Barrier with Epoxy Grout, Flush with Existing Finish.
- (J) Existing Circuit to Existing Highway Sign Light to Remain and be Disconnected from Existing Circuit Conductors to Maintain Existing Circuit Continuity.
- (K) Existing Highway Lighting Concrete Pullbox to be Abandoned in Place.
- (L) Existing Highway Lighting Concrete Pullbox to Remain and be Reused.

DATE	BY

ORIGINAL PLAN  
DESIGNED BY  
TRACED BY  
NOTE BOOK  
DESIGNED BY  
QUANTITIES BY  
CHECKED BY

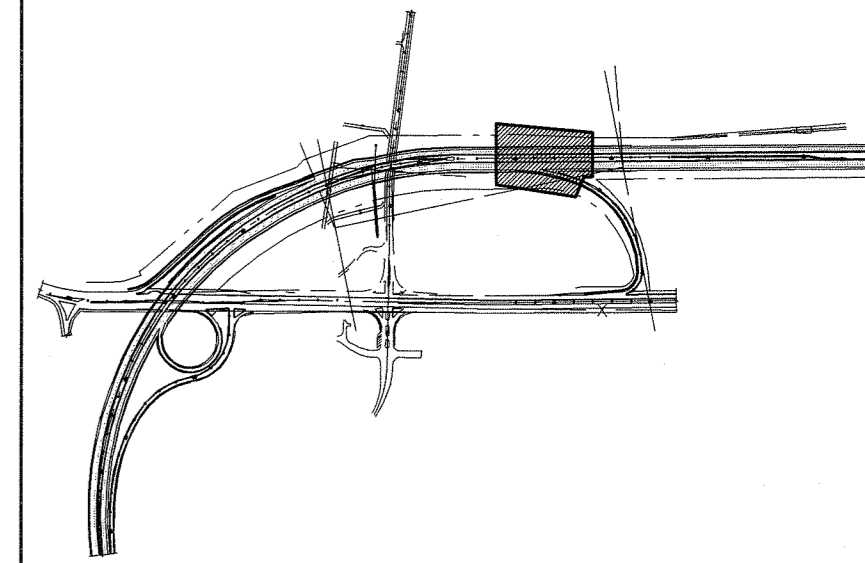
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RONALD N. S. HO & ASSOCIATES, INC.  
Electrical Engineers  
**ANDREW L. MIYABE**  
LICENSED PROFESSIONAL ENGINEER  
No. 4340-E  
HAWAII, U.S.A.  
05.22.08  
Andrew L. Miyabe  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
04.30.2008  
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**PARTIAL HIGHWAY LIGHTING  
DEMOLITION PLAN III**  
H-2 RAIL LIGHT REPLACEMENT,  
VICINITY OF WAHIAWA OFF RAMP  
Project No. HWY-0-03-05MR  
Scale: AS NOTED Date: MAY 2008  
SHEET No. E-6 OF 35 SHEETS



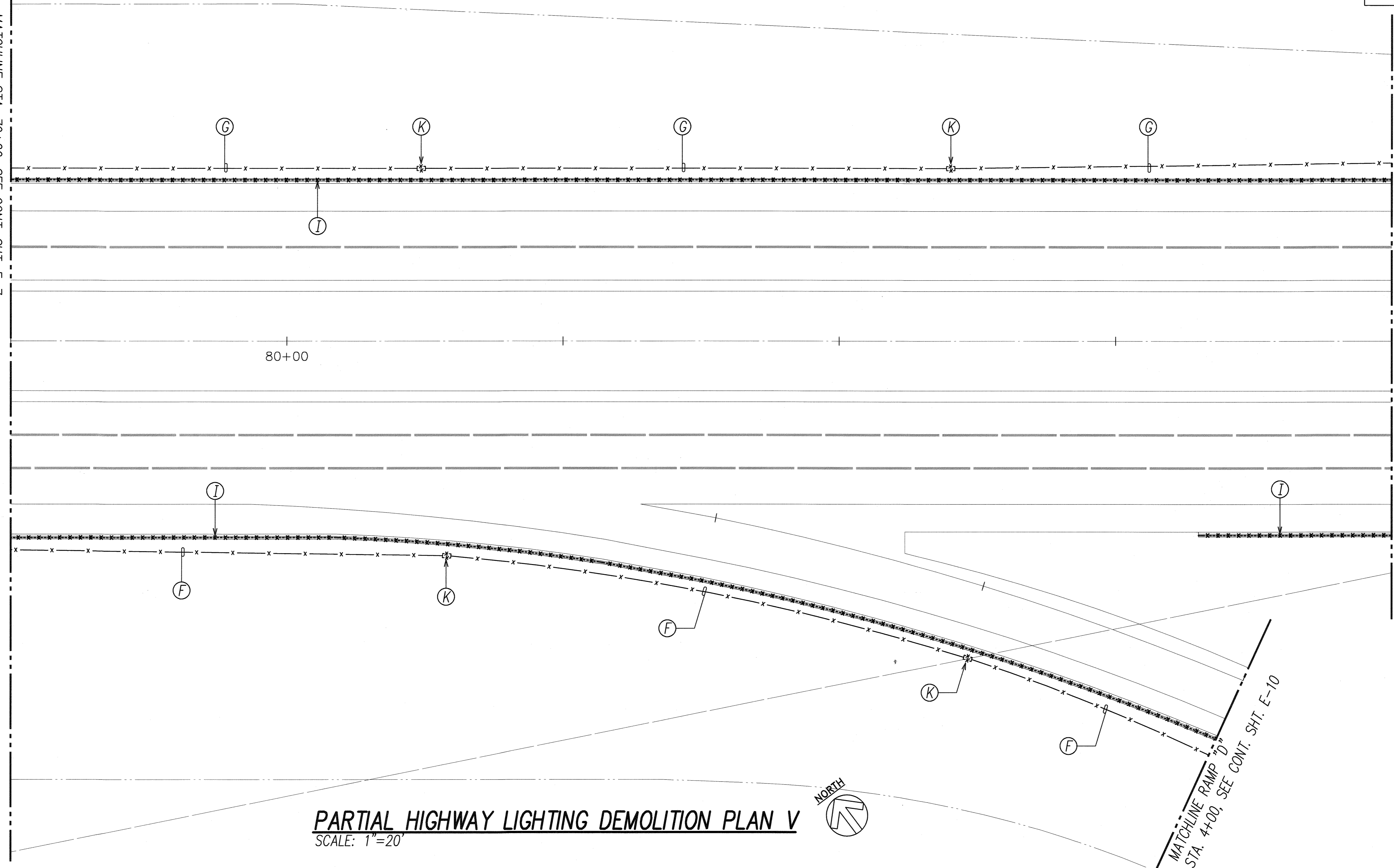
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-05MR	2008	9	38



**KEY PLAN**  
NOT TO SCALE

MATCHLINE STA. 79+00, SEE CONT. SHT. E-7

MATCHLINE STA. 84+00, SEE CONT. SHT. E-9



**PARTIAL HIGHWAY LIGHTING DEMOLITION PLAN V**  
SCALE: 1"=20'

DEMOLITION PLAN NOTES

- |  |  |  |
|--|--|--|
| <ul style="list-style-type: none"> <li>(A) Existing Circuit No. 1: 2" Conduit with 4#4, 1#8 Ground; Remove Conductors and Reuse Conduit.</li> <li>(B) Existing Circuit No. 2: 2" Conduit, 4#4, 1#8 Ground; Remove Conductors and Reuse Conduit.</li> <li>(C) Existing Circuit No. 4: 2" Conduit, 3#8, 1#8 Ground.</li> <li>(D) Existing Spare 2" Conduit.</li> <li>(E) Existing Circuit No. 3: 2" Conduit, 4#8, 1#8 Ground.</li> <li>(F) Existing Circuit No. 1: 2" Conduit, 4#4, 1#8 Ground; Remove Conductors and Abandon Conduit in Place.</li> </ul> | <ul style="list-style-type: none"> <li>(G) Existing Circuit No. 2: 2" Conduit, 4#4, 1#8 Ground; Remove Conductors and Abandon Conduit in Place.</li> <li>(H) Existing Junction Box, Flush Mounted in Existing Concrete Barrier; Remove Conductors and Abandon Junction Box in Place.</li> <li>(I) Remove Existing Barrier Top Mounted Continuous Row Fluorescent Light Fixtures and All Associated Mounting Hardware; Patch Existing Concrete Barrier with Epoxy Grout, Flush with Existing Finish.</li> </ul> | <ul style="list-style-type: none"> <li>(J) Existing Circuit to Existing Highway Sign Light to Remain and be Disconnected from Existing Circuit Conductors to Maintain Existing Circuit Continuity.</li> <li>(K) Existing Highway Lighting Concrete Pullbox to be Abandoned in Place.</li> <li>(L) Existing Highway Lighting Concrete Pullbox to Remain and be Reused.</li> </ul> |
|--|--|--|

DATE	_____
DESIGNED BY	_____
DRAWN BY	_____
CHECKED BY	_____
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RONALD N. S. HO & ASSOCIATES, INC.  
Electrical Engineers  
**ANDREW L. MIYAKI**  
LICENSED PROFESSIONAL ENGINEER  
No. 4340-E  
HAWAII, U.S.A.  
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EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**PARTIAL HIGHWAY LIGHTING  
DEMOLITION PLAN V**  
H-2 RAIL LIGHT REPLACEMENT,  
VICINITY OF WAHIAWA OFF RAMP  
Project No. HWY-0-03-05MR  
Scale: AS NOTED Date: MAY 2008  
SHEET No. E-8 OF 35 SHEETS





