

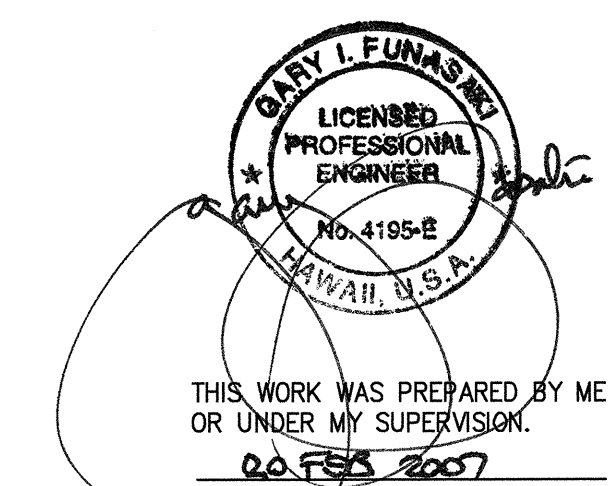
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-8930(2)	2007	312	331

STREET LIGHT CONDUIT & WIRE SCHEDULE

ITEM	DESCRIPTION
1	2"C, 3#2 RHW-USE, #2 Gnd
2	2"C (Spare)
3	2"C, 3#6 RHW-USE, #6 Gnd
4	1 1/2"C, 2#8 RHW-USE, #8 Gnd
5	2"C, 2#6 RHW-USE, #6 Gnd

STREET LIGHT NOTES:

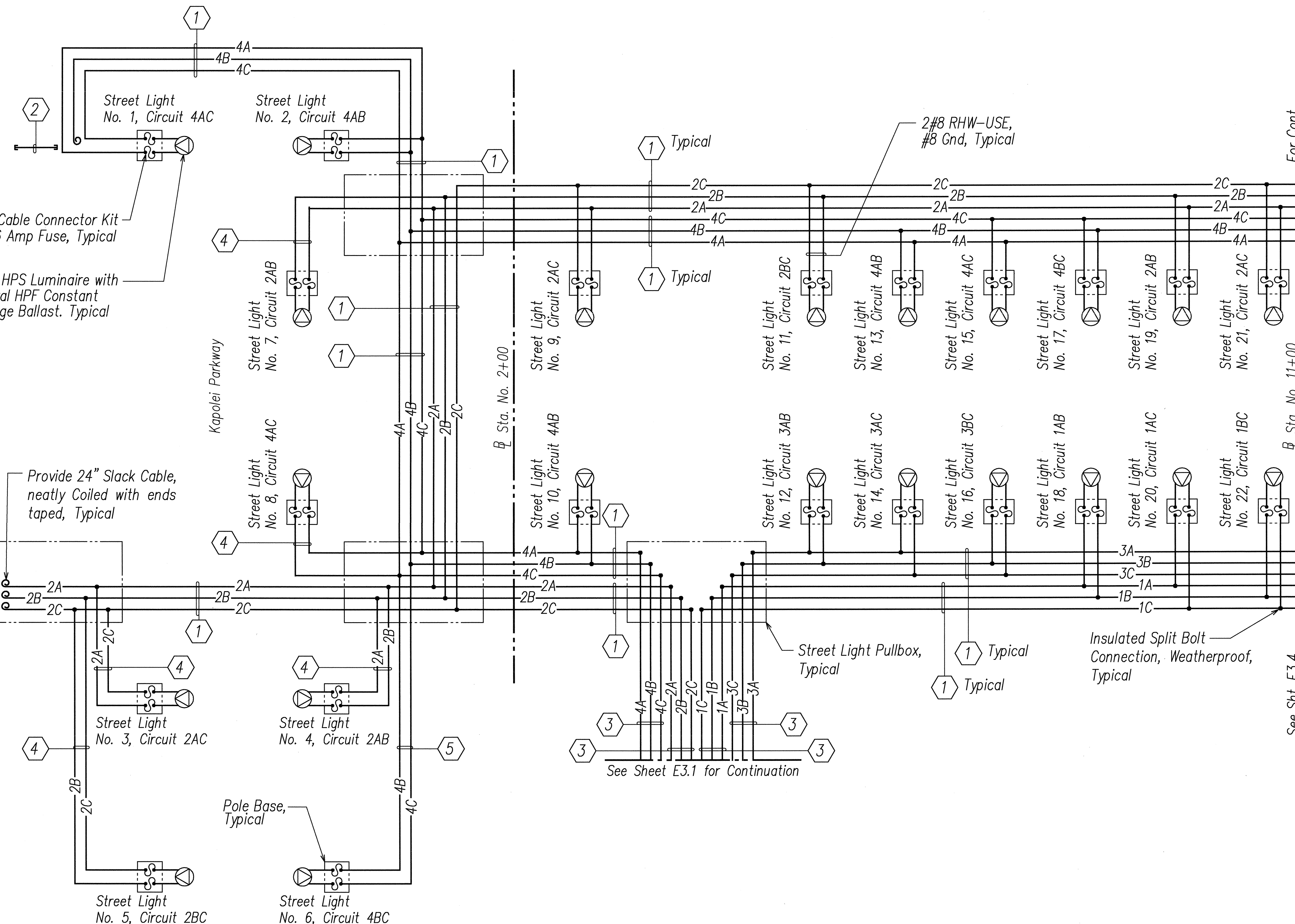
- Wire to be RHW-USE, 600V with outer covering.
- Conduit - PVC Schd. 80 direct buried @ sidewalk
Conduit - PVC Schd. 40 with 3" concrete jacket @ road crossing.
- Contractor shall identify all circuit cables with Circuit Cable I.D. Tags in each pullbox. See detail C/E2.9.
- All neutral conductors shall be identified with white insulation. Other means of identification are not acceptable.
- Install pullboxes on 6" of #3 crushed rock base.
- Seal all conduit ends with duct seal.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
NORTH-SOUTH ROAD SYSTEM "A"
STREET LIGHT CONNECTION DIAGRAM 1
North-South Road
Phase 1B
F.A.I. Proj. No. STP-8930(2)

Scale: AS NOTED Date: Feb 21, 2007
SHEET No. E3.3 OF 62 SHEETS

DATE	REVISION

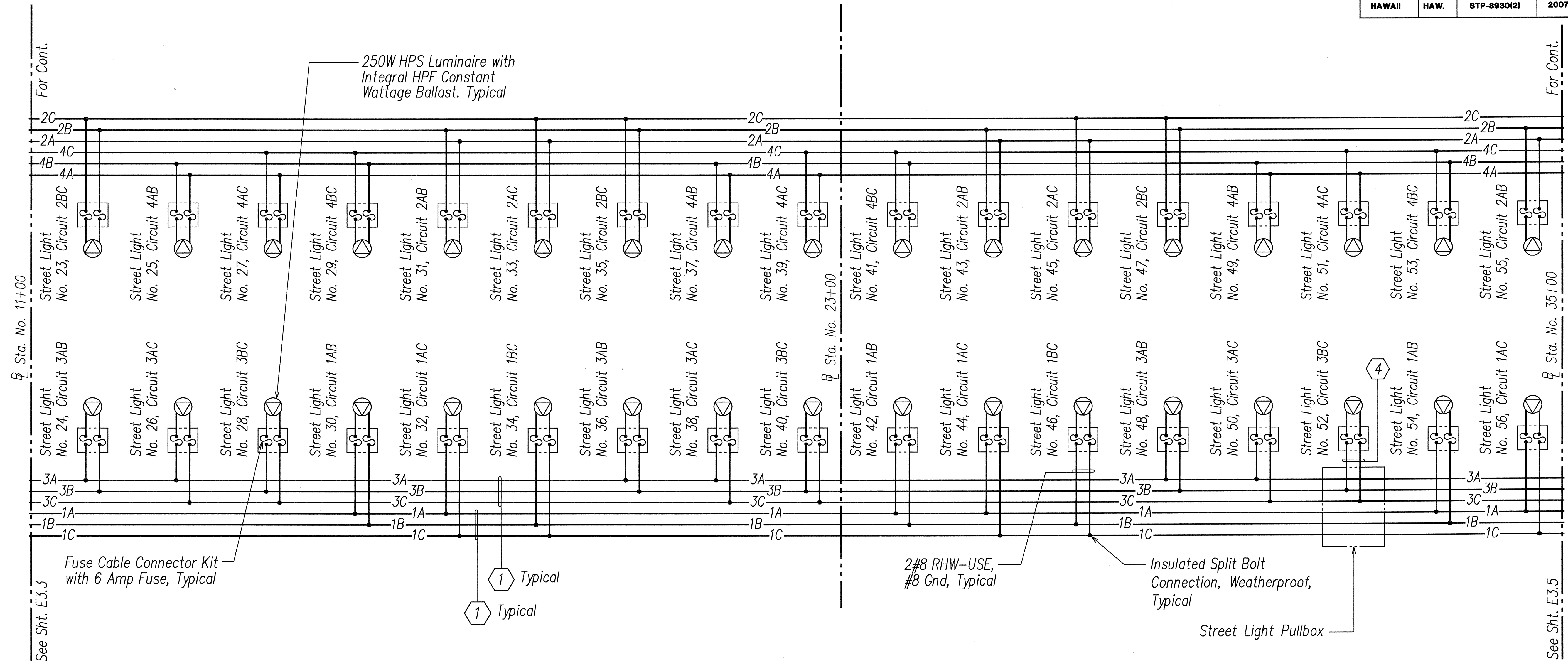


NORTH-SOUTH ROAD SYSTEM "A" STREET LIGHT CONNECTION DIAGRAM 1

DATE	
SURVEY REPORTED BY	
DESIGNED BY	
TRACED BY	
NOTED BY	
CHECKED BY	

LAST SAVE: 02/20/07 @ 09:24:19 BY: EN PLT SC 11-0-11
C:\WORK\PROJECTS\STP-8930\STP-8930-01.dwg

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-8930(2)	2007	313	331



STREET LIGHT NOTES:

- Wire to be RHW-USE, 600V with outer covering.
- Conduit - PVC Schd. 80 direct buried @ sidewalk
Conduit - PVC Schd. 40 with 3" concrete jacket @ road crossing.
- Contractor shall identify all circuit cables with Circuit Cable I.D. Tags in each pullbox. See detail C/2.9.
- All neutral conductors shall be identified with white insulation. Other means of identification are not acceptable.
- Install pullboxes on 6" of #3 crushed rock base.
- Seal all conduit ends with duct seal.

STREET LIGHT CONDUIT & WIRE SCHEDULE

ITEM	DESCRIPTION
1	2"C, 3#2 RHW-USE, #2 Gnd
2	2"C (Spare)
3	2"C, 3#6 RHW-USE, #6 Gnd
4	1 1/2"C, 2#8 RHW-USE, #8 Gnd

NORTH-SOUTH ROAD SYSTEM "A" STREET LIGHT CONNECTION DIAGRAM II

DATE

DESIGNED BY

TRACED BY

NOTED BY

QUANTITIES BY

CHECKED BY

ORIGINAL PLAN

NO. 1

DATE

BY

FOR

LAST SAVE: 02/20/07 09:24:50 BY: RAJ PLOT: 1-313-1

PROJECT: STP-8930(2) NORTH-SOUTH ROAD SYSTEM "A" STREET LIGHT CONNECTION DIAGRAM II

GARY I. FUNASAKI

LICENSED PROFESSIONAL ENGINEER

NO. 4195-E

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

22 FEB 2007

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

NORTH-SOUTH ROAD SYSTEM "A"

STREET LIGHT CONNECTION DIAGRAM II

North-South Road

Phase 1B

F.A.I. Proj. No. STP-8930(2)

Scale: AS NOTED

Date: Feb 21, 2007

SHEET No. E34 OF 62 SHEETS

DATE

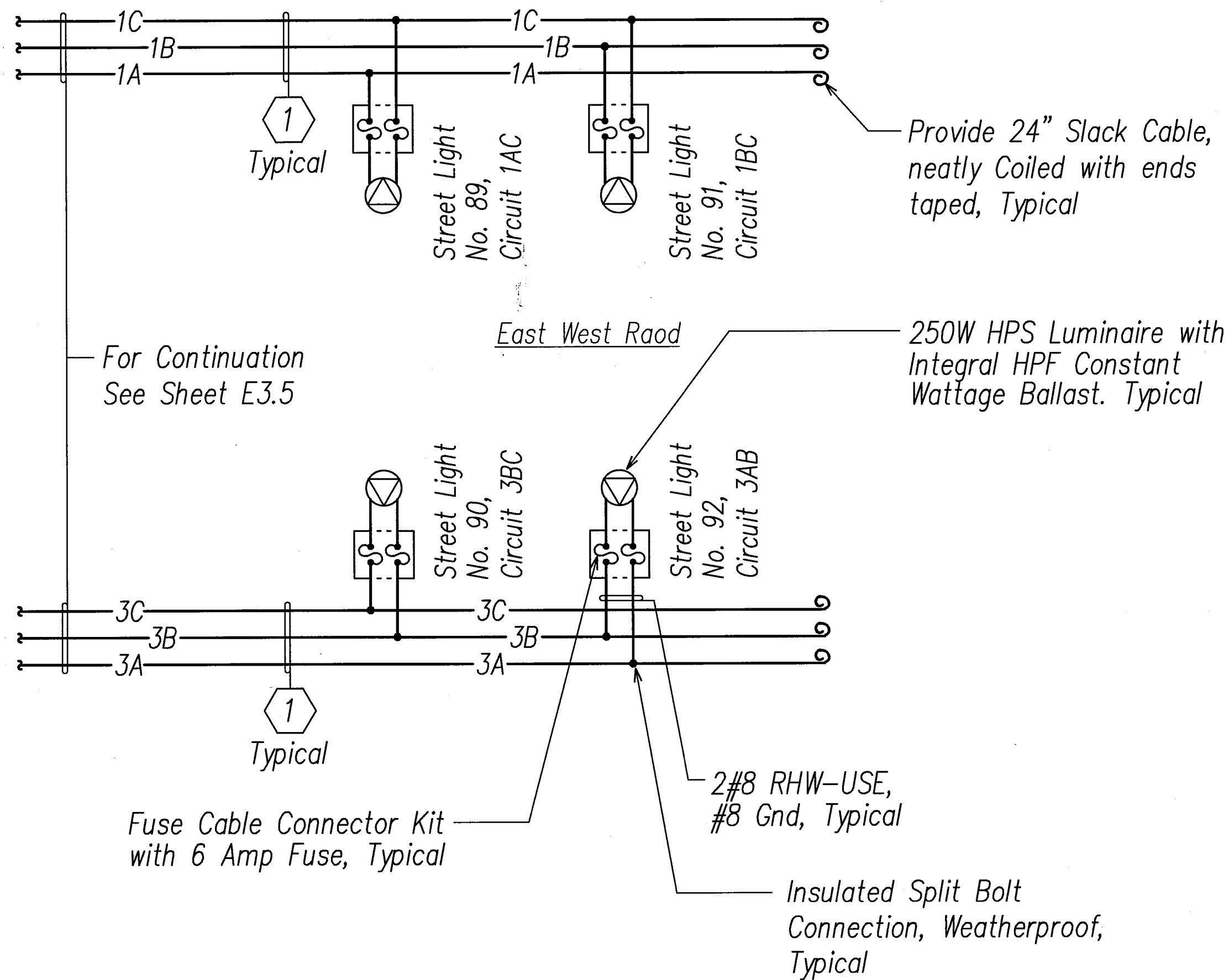
REVISION

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-8930(2)	2007	CO 314S-1	331

STREET LIGHT CONDUIT & WIRE SCHEDULE	
ITEM	DESCRIPTION
①	2"C, 3#2 RHW-USE, #2 Gnd
②	2"C (Spare)
③	2"C, 3#6 RHW-USE, #6 Gnd
④	1 1/2"C, 2#8 RHW-USE, #8 Gnd
⑤	
⑥	

STREET LIGHT NOTES:

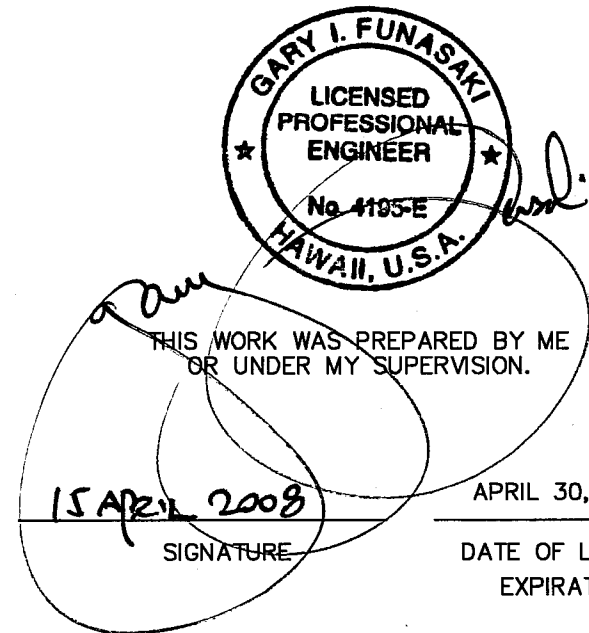
- Wire to be RHW-USE, 600V with outer covering.
- Conduit - PVC Schd. 80 direct buried @ sidewalk
Conduit - PVC Schd. 40 with 3" concrete jacket @ road crossing.
- Contractor shall identify all circuit cables with Circuit Cable I.D. Tags in each pullbox. See detail
- All neutral conductors shall be identified with white insulation. Other means of identification are not acceptable.
- Install pullboxes on 6" of #3 crushed rock base.
- Seal all conduit ends with duct seal.



EAST-WEST ROAD STREET LIGHT CONNECTION DIAGRAM

DATE	
SURVEY BY	
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	

LAST SAVE: 04/14/08 @ 08:21:44 BY: S. PLOT SC 1'-0"=1'
2:00AM PROJECT: 2007-05-05 2007-05-05



Community Planning and Engineering, Inc.
Engineering Design | Construction Management | Infrastructure Planning
1100 Alakoa Street, 8th Floor Honolulu, Hawaii

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

NORTH-SOUTH ROAD SYSTEM "A"
STREET LIGHT CONNECTION DIAGRAM IIIA

North-South Road
Phase 1B
F.A.I. Proj. No. STP-8930(2)

Scale: AS NOTED Date: _____

SHEET No. E3.5A OF 62 SHEETS

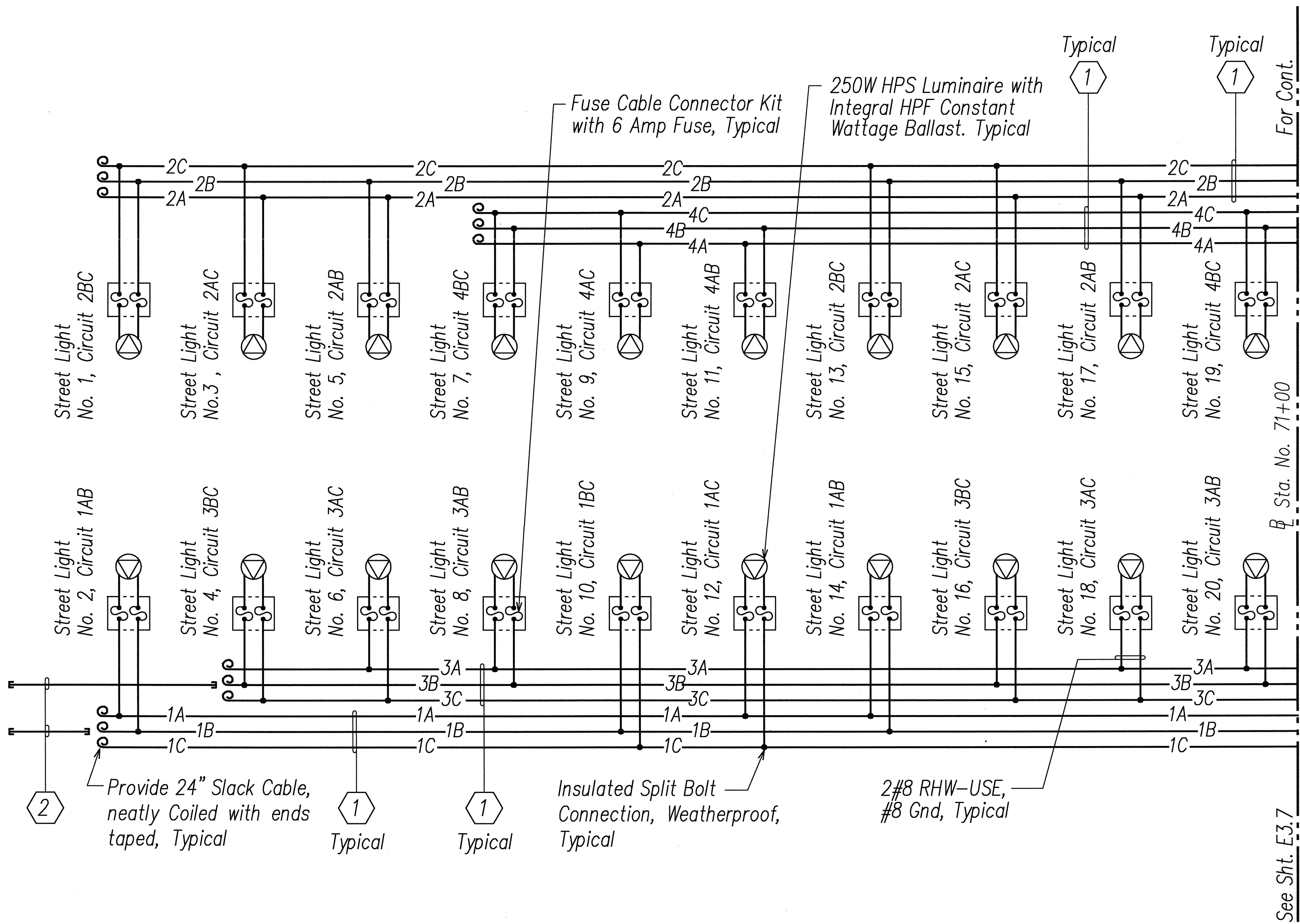
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-8930(2)	2007	315	331

STREET LIGHT CONDUIT & WIRE SCHEDULE

ITEM	DESCRIPTION
①	2"C, 3#2 RHW-USE, #2 Gnd
②	2"C (Spare)
③	2"C, 3#6 RHW-USE, #6 Gnd
④	1½"C, 2#8 RHW-USE, #8 Gnd
⑤	
⑥	

STREET LIGHT NOTES:

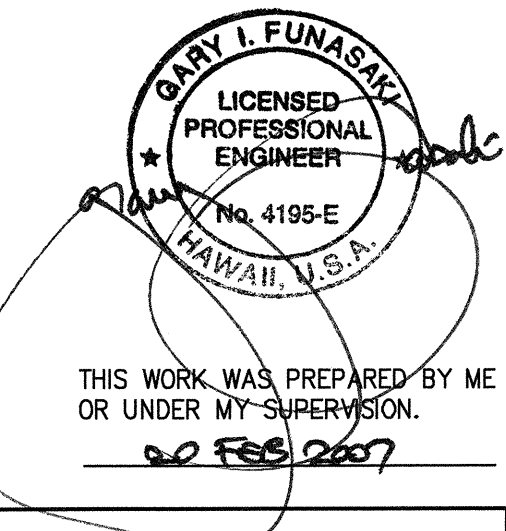
- Wire to be RHW-USE, 600V with outer covering.
- Conduit – PVC Schd. 80 direct buried @ sidewalk
Conduit – PVC Schd. 40 with 3" concrete jacket @ road crossing.
- Contractor shall identify all circuit cables with Circuit Cable I.D. Tags in each pullbox. See detail C/E2.9.
- All neutral conductors shall be identified with white insulation. Other means of identification are not acceptable.
- Install pullboxes on 6" of #3 crushed rock base.
- Seal all conduit ends with duct seal.



NORTH-SOUTH ROAD SYSTEM "B" STREET LIGHT CONNECTION DIAGRAM I

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
DATE	

LAST ONE OF TWO SHEETS
NORTH-SOUTH ROAD SYSTEM "B" STREET LIGHT CONNECTION DIAGRAM I



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

NORTH-SOUTH ROAD SYSTEM "B" STREET LIGHT CONNECTION DIAGRAM I

North-South Road

Phase 1B

F.A.I. Proj. No. STP-8930(2)

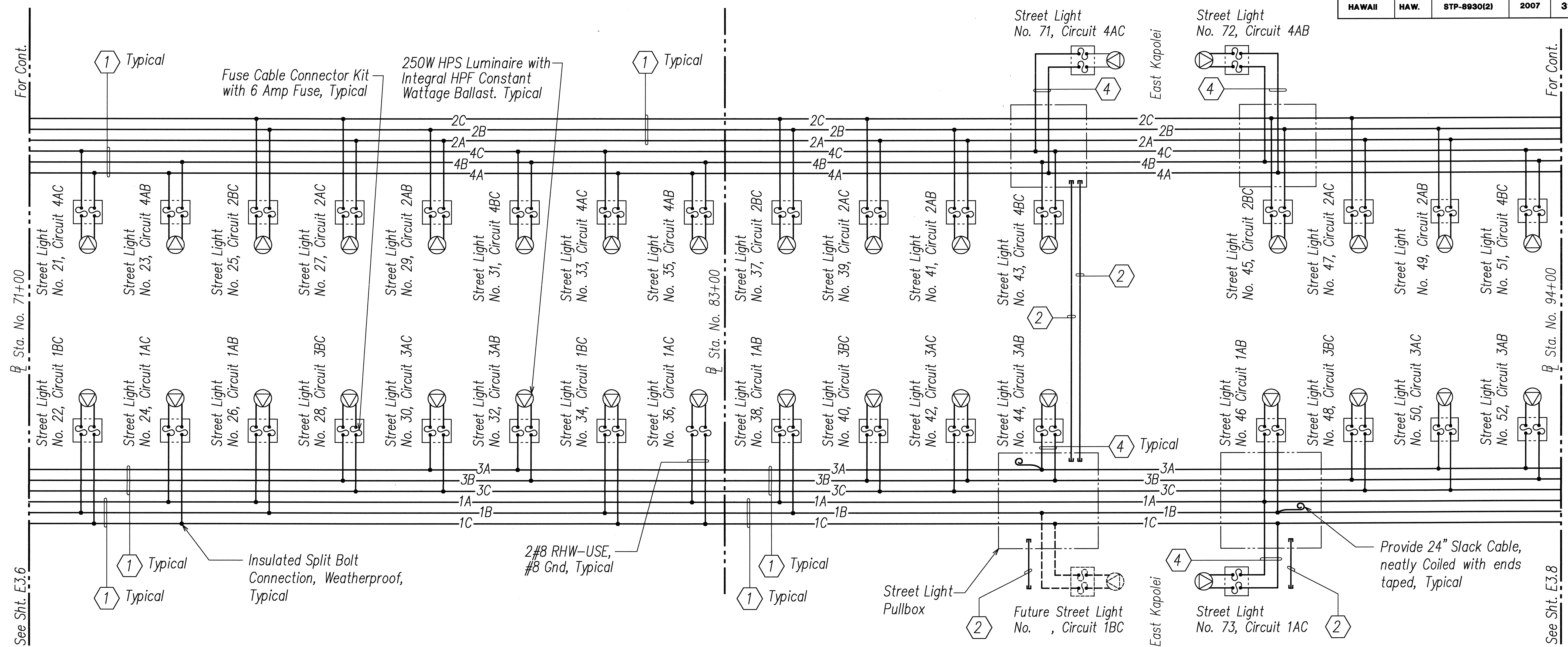
Scale: AS NOTED

Date: Feb 21, 2007

SHEET No. E36 OF 62 SHEETS

DATE	REVISION

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-8930(2)	2007	316	331



STREET LIGHT CONDUIT & WIRE SCHEDULE	
ITEM	DESCRIPTION
1	2"C, 3#2 RHW-USE, #2 Gnd
2	2"C (Spare)
3	2"C, 3#6 RHW-USE, #6 Gnd
4	1 1/2"C, 2#8 RHW-USE, #8 Gnd

- STREET LIGHT NOTES:
- Wire to be RHW-USE, 600V with outer covering.
 - Conduit - PVC Schd. 80 direct buried @ sidewalk
Conduit - PVC Schd. 40 with 3" concrete jacket @ road crossing.
 - Contractor shall identify all circuit cables with Circuit Cable I.D. Tags in each pullbox. See detail C/E2.9.
 - All neutral conductors shall be identified with white insulation. Other means of identification are not acceptable.
 - Install pullboxes on 6" of #3 crushed rock base.
 - Seal all conduit ends with duct seal.

NORTH-SOUTH ROAD SYSTEM "B" STREET LIGHT CONNECTION DIAGRAM II

DESIGNED BY: _____

DRAWN BY: _____

TRACED BY: _____

NOTED BY: _____

CHECKED BY: _____

DATE: _____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

NORTH-SOUTH ROAD SYSTEM "B"
STREET LIGHT CONNECTION DIAGRAM II

North-South Road
Phase 1B
F.A.I. Proj. No. STP-8930(2)

Scale: AS NOTED Date: Feb 21, 2007

SHEET No. E3.7 OF 62 SHEETS

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

20 FEB 2007

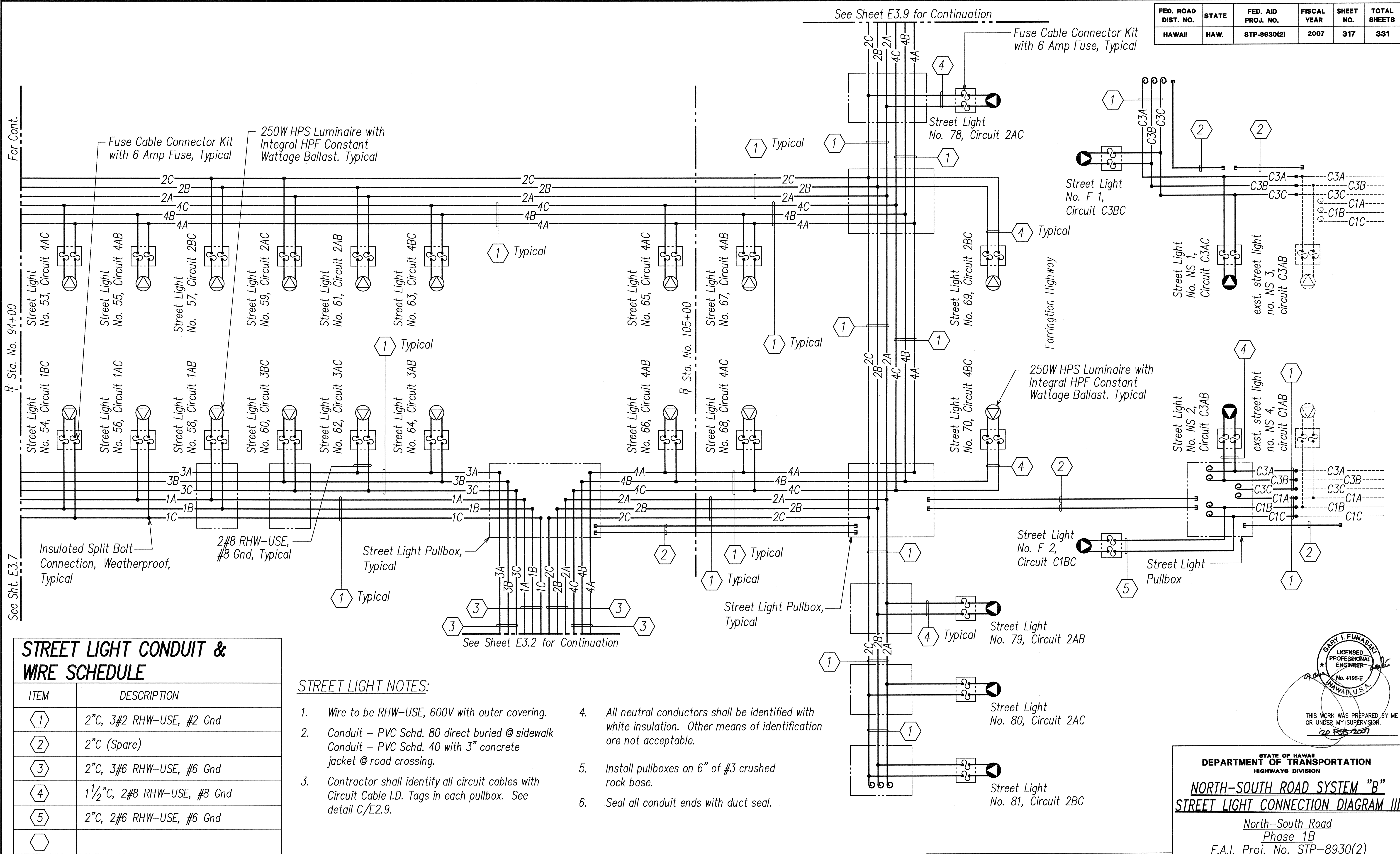
GARY L. FUNASAKI

LICENSED PROFESSIONAL ENGINEER

No. 4195-E

HAWAII, U.S.A.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-8930(2)	2007	317	331



STREET LIGHT CONDUIT & WIRE SCHEDULE	
ITEM	DESCRIPTION
①	2"C, 3#2 RHW-USE, #2 Gnd
②	2"C (Spare)
③	2"C, 3#6 RHW-USE, #6 Gnd
④	1½"C, 2#8 RHW-USE, #8 Gnd
⑤	2"C, 2#6 RHW-USE, #6 Gnd
⑥	

STREET LIGHT NOTES:

- Wire to be RHW-USE, 600V with outer covering.
- Conduit - PVC Schd. 80 direct buried @ sidewalk
Conduit - PVC Schd. 40 with 3" concrete jacket @ road crossing.
- Contractor shall identify all circuit cables with Circuit Cable I.D. Tags in each pullbox. See detail C/E2.9.
- All neutral conductors shall be identified with white insulation. Other means of identification are not acceptable.
- Install pullboxes on 6" of #3 crushed rock base.
- Seal all conduit ends with duct seal.

NORTH-SOUTH ROAD SYSTEM "B" STREET LIGHT CONNECTION DIAGRAM III

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

NORTH-SOUTH ROAD SYSTEM "B"
STREET LIGHT CONNECTION DIAGRAM III

North-South Road
Phase 1B
F.A.I. Proj. No. STP-8930(2)

Scale: AS NOTED Date: Feb 21, 2007

SHEET No. E3.8 OF 62 SHEETS

DATE	REVISION

DESIGNED BY	DATE
CHECKED BY	
NOTED BY	
QUANTITY BY	
ORIGINAL PLAN	

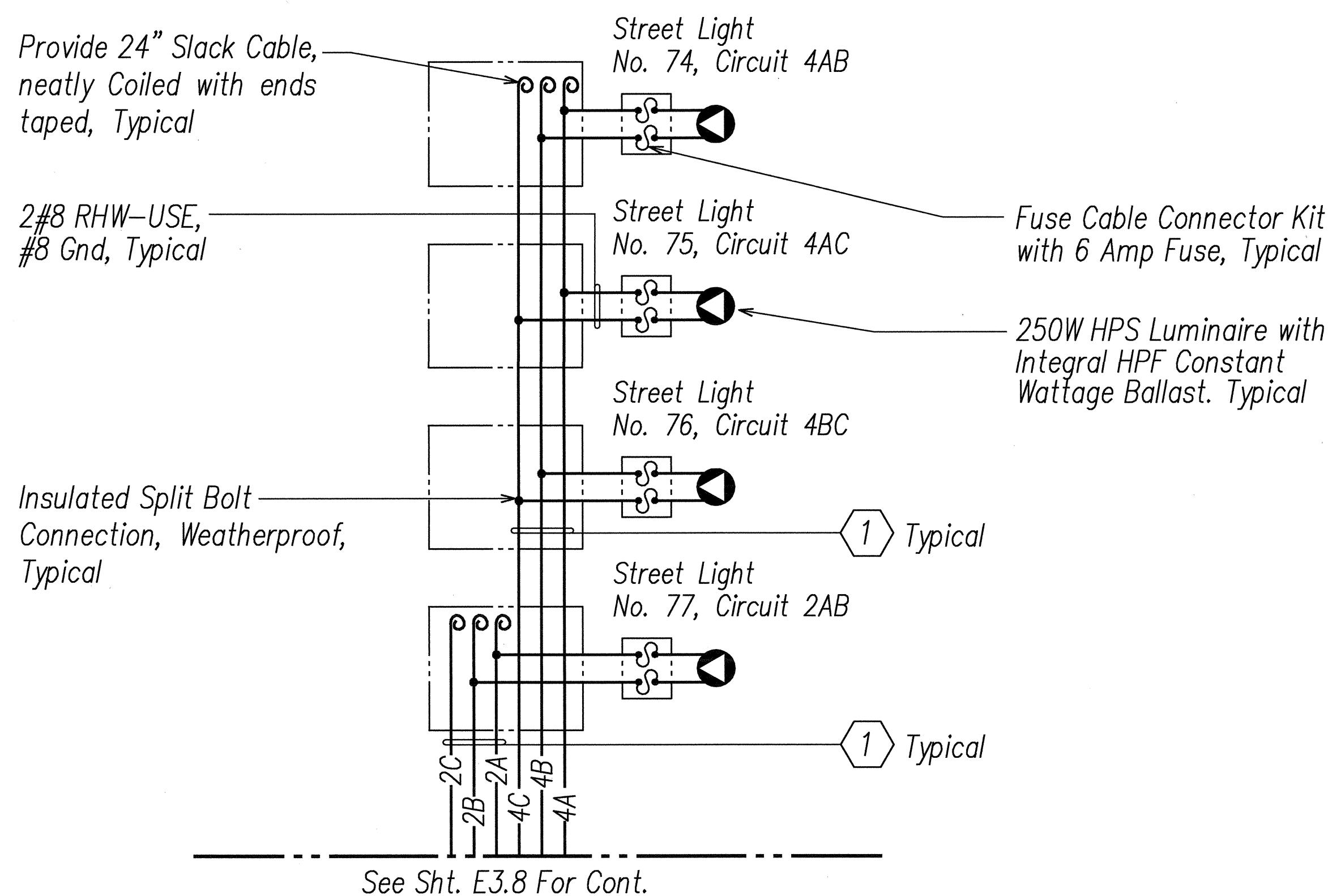
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-8930(2)	2007	318	331

STREET LIGHT CONDUIT & WIRE SCHEDULE

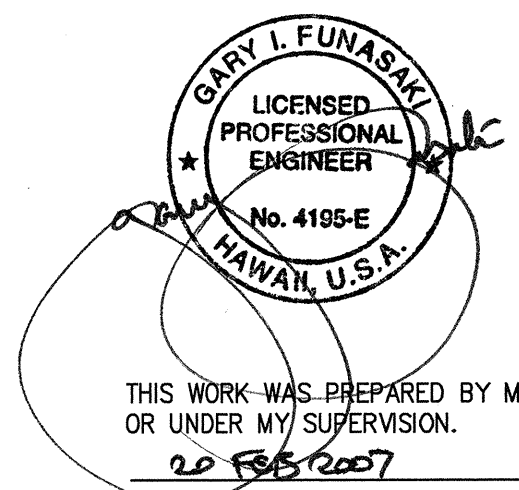
ITEM	DESCRIPTION
①	2"C, 3#2 RHW-USE, #2 Gnd
②	2"C (Spare)
③	2"C, 3#6 RHW-USE, #6 Gnd
④	1½"C, 2#8 RHW-USE, #8 Gnd
⑤	
⑥	

STREET LIGHT NOTES:

- Wire to be RHW-USE, 600V with outer covering.
- Conduit – PVC Schd. 80 direct buried @ sidewalk
Conduit – PVC Schd. 40 with 3" concrete jacket @ road crossing.
- Contractor shall identify all circuit cables with Circuit Cable I.D. Tags in each pullbox. See detail C/E2.9.
- All neutral conductors shall be identified with white insulation. Other means of identification are not acceptable.
- Install pullboxes on 6" of #3 crushed rock base.
- Seal all conduit ends with duct seal.



See Sht. E3.8 For Cont.



NORTH-SOUTH ROAD SYSTEM "B" STREET LIGHT CONNECTION DIAGRAM IV

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
NORTH-SOUTH ROAD SYSTEM "B"
STREET LIGHT CONNECTION DIAGRAM IV
North-South Road
Phase 1B
F.A.I. Proj. No. STP-8930(2)

Scale: AS NOTED Date: Feb 21, 2007
SHEET No. E3.9 OF 62 SHEETS