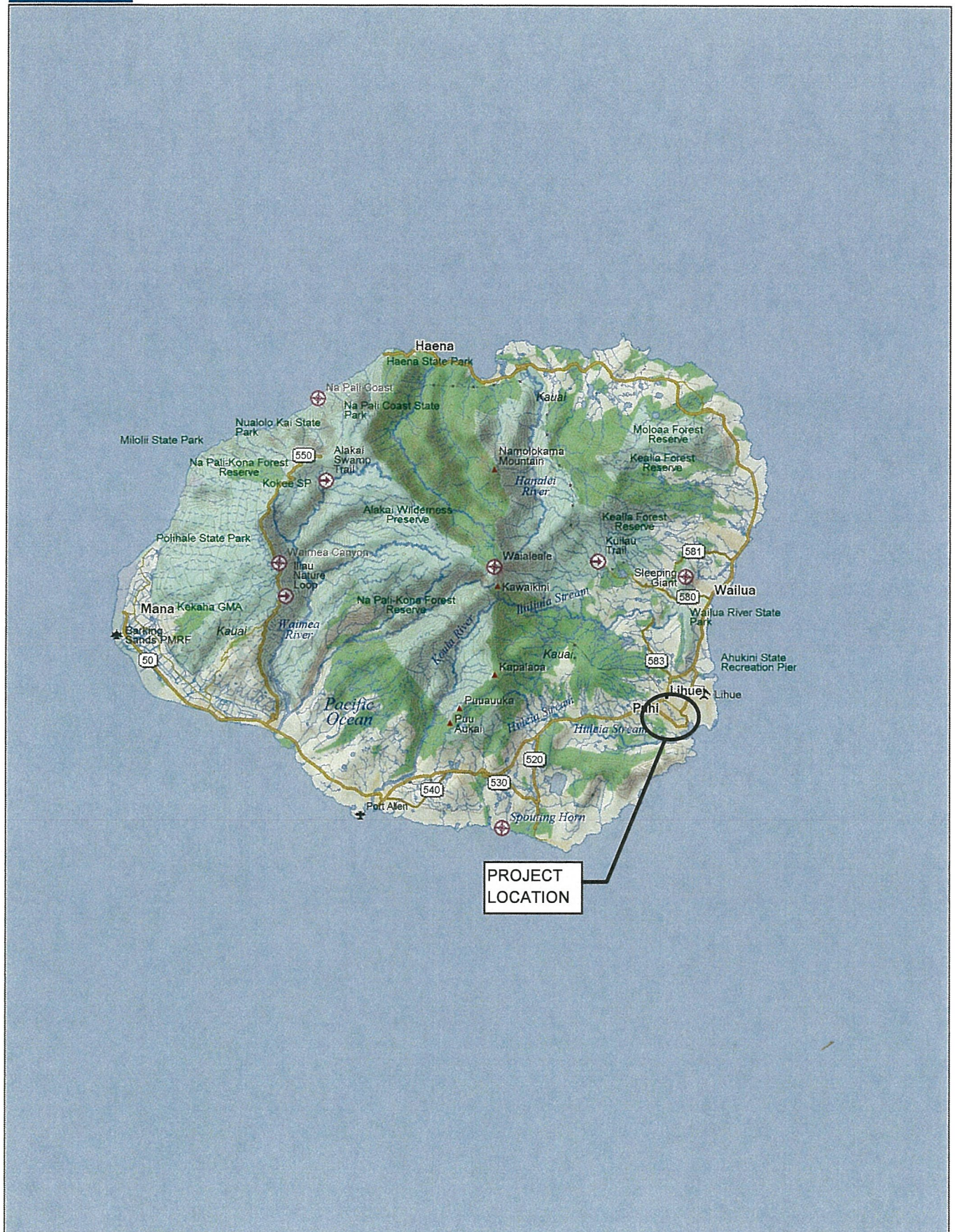
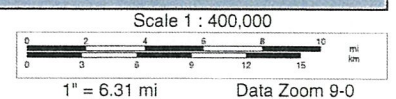


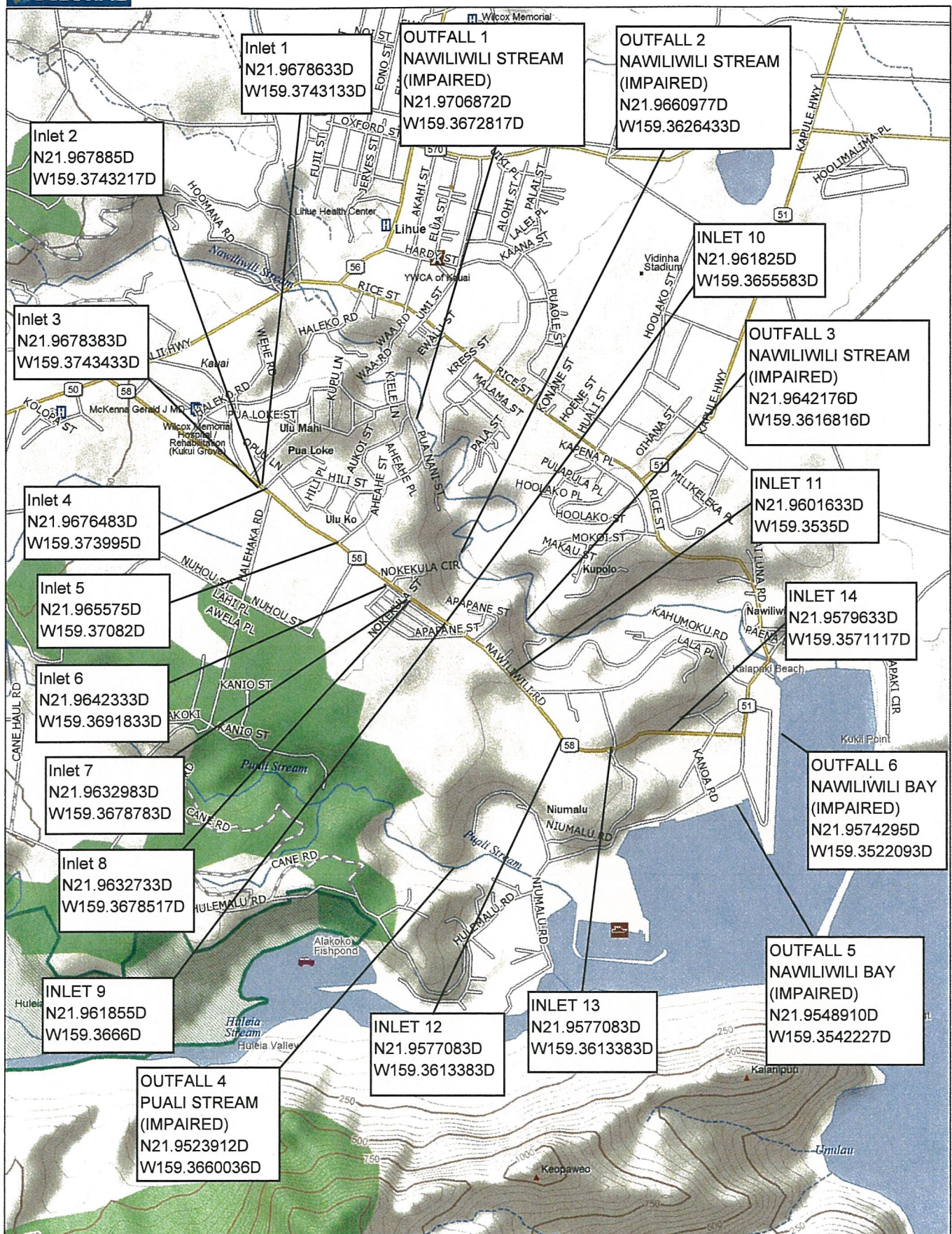
FORM C ATTACHMENT A-1

Location and Outfall Maps



VICINITY MAP





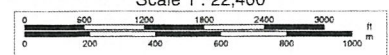
Data use subject to license.

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OUTFALL MAP

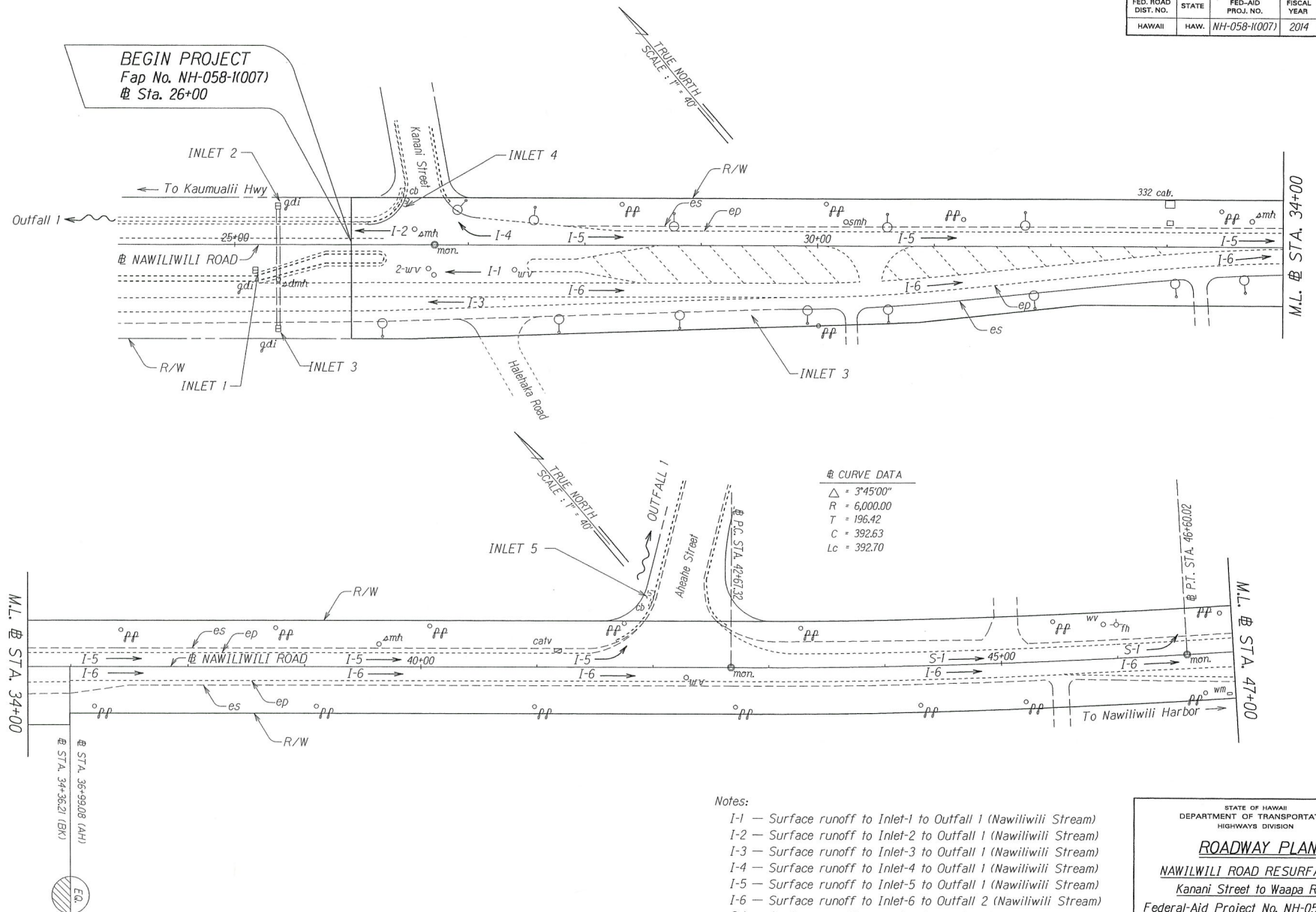
Scale 1 : 22,400



1" = 1,866.7 ft

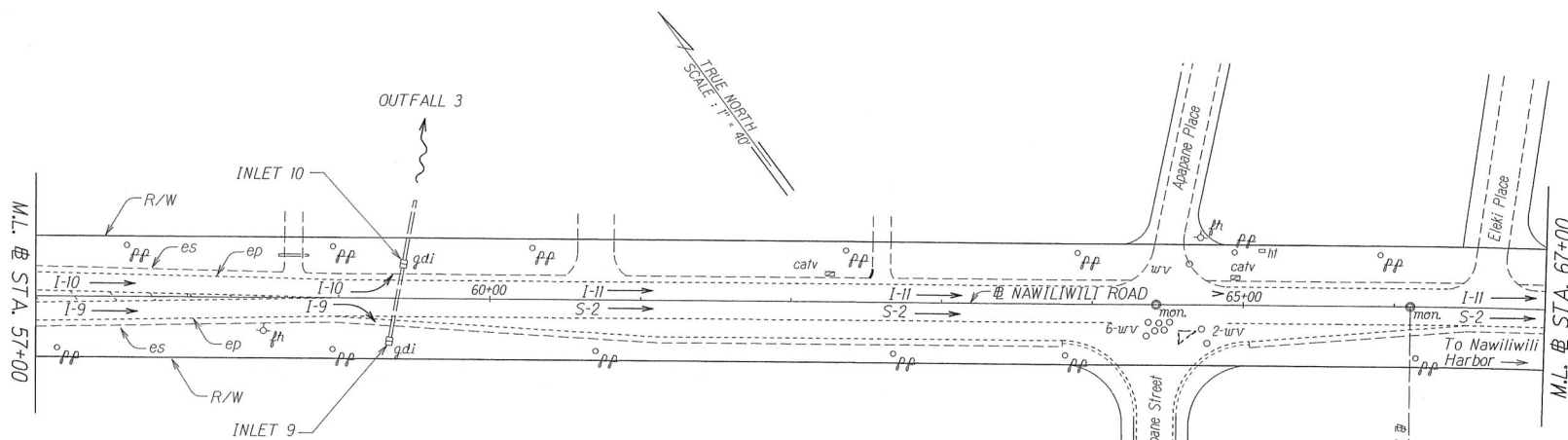
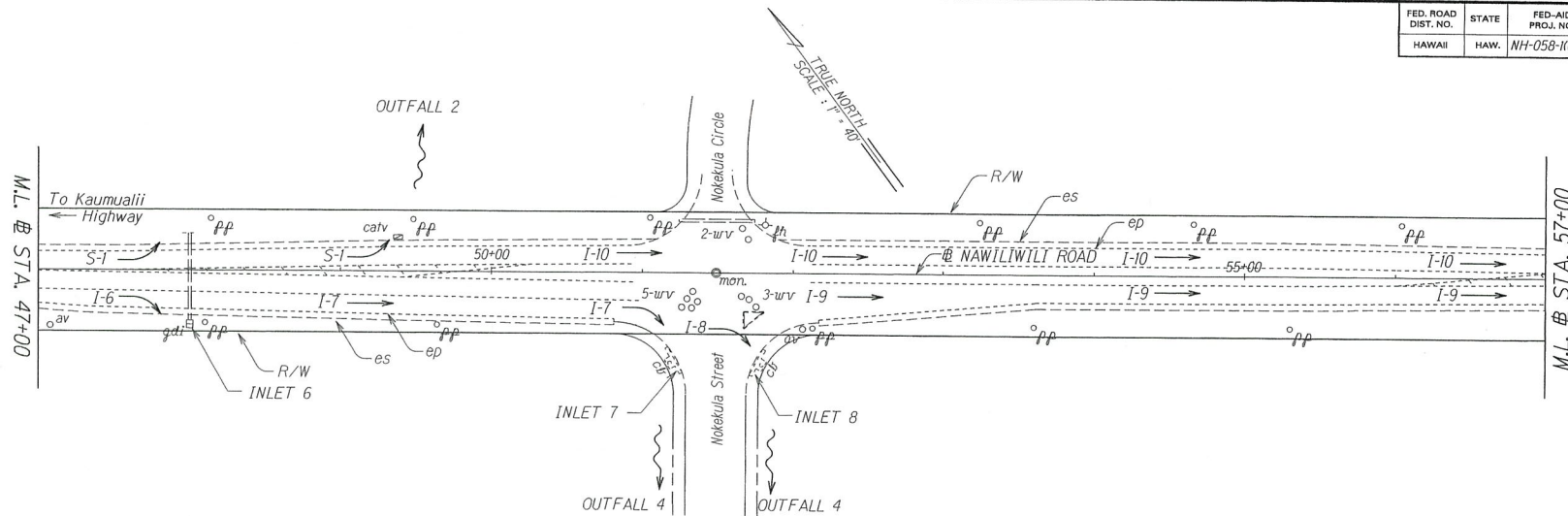
Data Zoom 13-2

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-058-1(007)	2014	1	5



DESIGNED BY	DATE
CHECKED BY	DATE
IN CHARGE	DATE
APPROVED BY	DATE
NOTED BY	DATE
REVISIONS	
NO.	DESCRIPTION
1	AS SHOWN

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-058-1(K007)	2014	2	5



Notes:

- S-1 — Surface runoff to Outfall 2 (Nawiliwili Stream)
- I-6 — Surface runoff to Inlet-6 to Outfall 2 (Nawiliwili Stream)
- I-7 — Surface runoff to Inlet-7 to Outfall 4 (Pualii Stream)
- I-8 — Surface runoff to Inlet-8 to Outfall 4 (Pualii Stream)
- I-9 — Surface runoff to Inlet-9 to Outfall 3 (Nawiliwili Stream)
- I-10 — Surface runoff to Inlet-10 to Outfall 3 (Nawiliwili Stream)
- I-11 — Surface runoff to Inlet-11 to Outfall 4 (Pualii Stream)
- S-2 — Surface runoff Outfall 4 (Pualii Stream)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

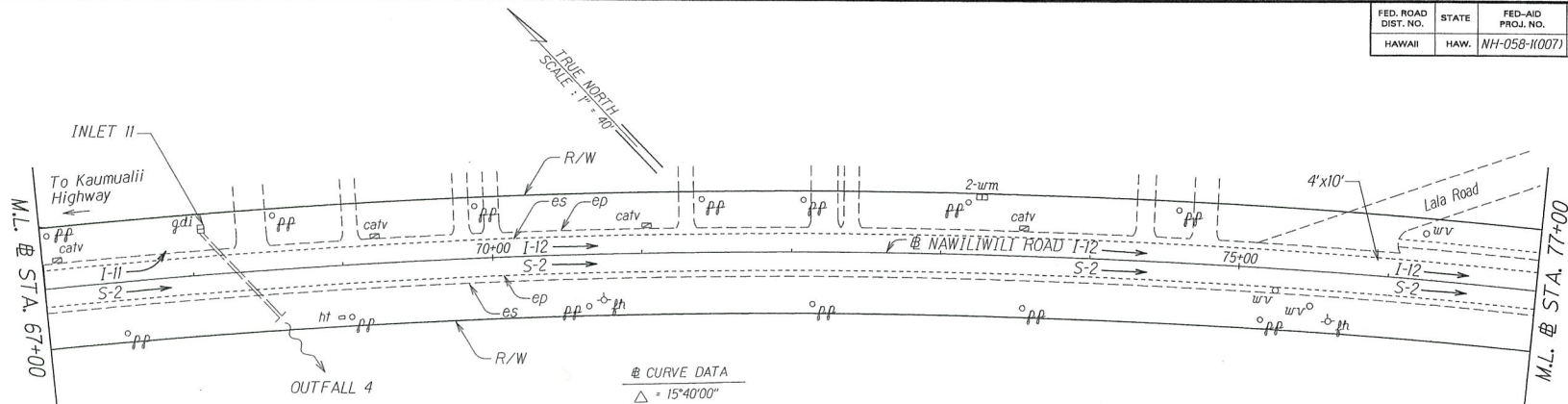
ROADWAY PLAN
NAWILIWILI ROAD RESURFACING
Kanani Street to Waapa Road
Federal-Aid Project No. NH-058-1(K007)

Scale: 1" = 40' Date: Oct. 2013

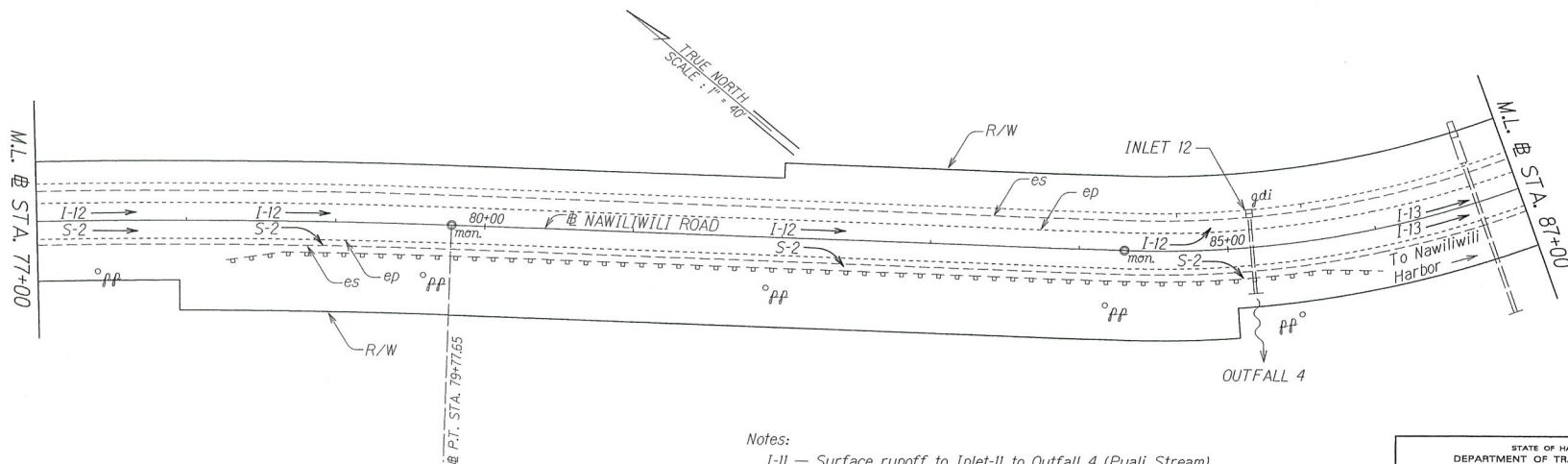
SHEET No. 2 OF 5 SHEETS

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
NOTED BY	
REVISIONS	
BY	DATE
1.	
2.	
3.	
4.	
5.	

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-058-1(007)	2014	3	5



@ CURVE DATA
 $\Delta = 15^\circ 40' 00''$
 $R = 5,000.00$
 $T = 687.88$
 $C = 1,362.92$
 $Lc = 1,367.17$



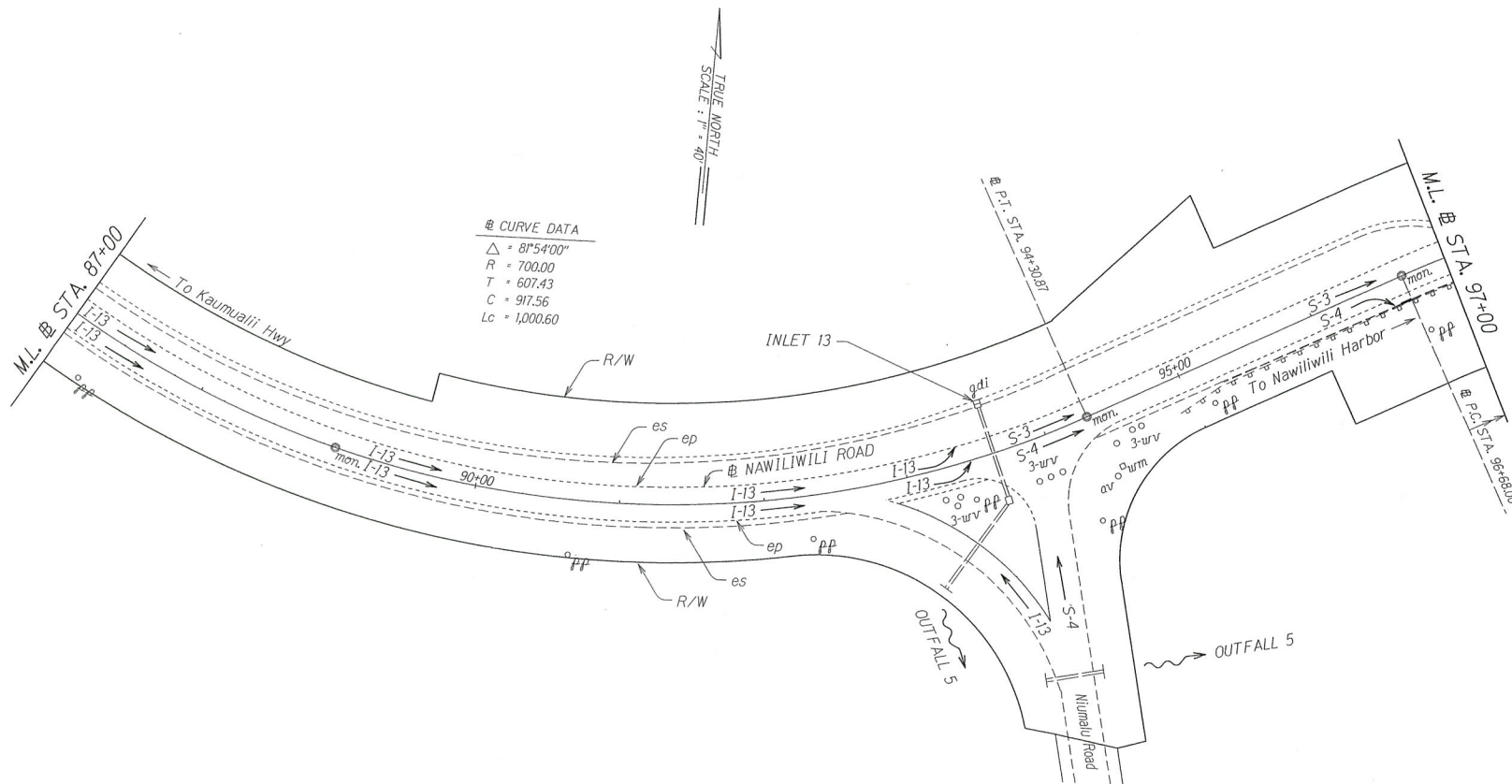
Notes:

- I-11 — Surface runoff to Inlet-11 to Outfall 4 (Puali Stream)
- S-2 — Surface runoff to Outfall 4 (Puali Stream)
- I-12 — Surface runoff to Inlet-12 to Outfall 4 (Puali Stream)
- I-13 — Surface runoff to Inlet-13 to Outfall 5 (Nawiliwili Bay)

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
ROADWAY PLAN
NAWILIWILI ROAD RESURFACING
 Kanani Street to Waapa Road
 Federal-Aid Project No. NH-058-1(007)
 Scale: 1" = 40' Date: Oct. 2013
 SHEET No. 3 OF 5 SHEETS

ORIGINAL	SURVEY PLOTTED BY	DATE
PLAN	BY	
NOTES	REVISIONS BY	
DATE	BY	
CHECKED BY		

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-058-1(K007)	2014	4	5



Notes:

- I-13 — Surface runoff to Inlet-13 to Outfall 5 (Nawiliwili Bay)
- S-3 — Surface runoff to Outfall 5 (Nawiliwili Bay)
- S-4 — Surface runoff to Outfall 5 (Nawiliwili Bay)

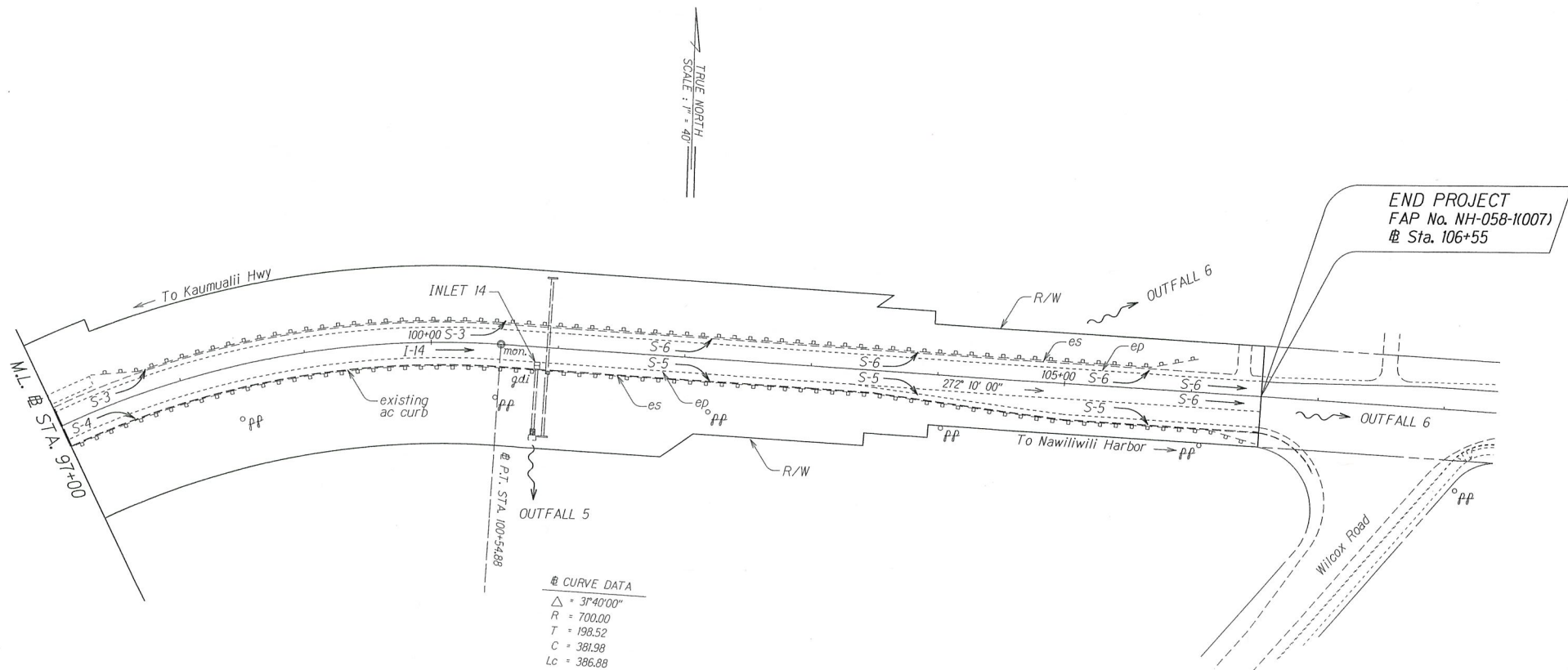
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
NAWILIWILI ROAD RESURFACING
Kanani Street to Waapa Road
Federal-Aid Project No. NH-058-1(K007)

Scale: 1" = 40' Date: Oct. 2013

SHEET No. 4 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-058-K(007)	2014	5	5



ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTE BOOK 1816/1817 C. 1817/1818	DRAWN BY <u>X</u>	<u>X</u>
	TRACED BY _____	_____
	DESIGNED BY <u>X</u>	_____
	QUANTITIES BY _____	_____
	CHECKED BY _____	_____

Notes:

- S-3 – Surface runoff to Outfall 5 (Nawiliwili Bay)
S-4 – Surface runoff to Outfall 5 (Nawiliwili Bay)
I-14 – Surface runoff to Inlet-14 to Outfall 5 (Nawiliwili Bay)
S-5 – Surface runoff to Outfall 5 (Nawiliwili Bay)
S-6 – Surface runoff to Outfall 6 (Nawiliwili Bay)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

NAWILWILI ROAD RESURFACING

Kanani Street to Waapa Road

Federal-Aid Project No. NH-058-1(007)

Scale: 1" = 40' Date: Oct. 2013

SHEET No. 5 OF 5 SHEETS