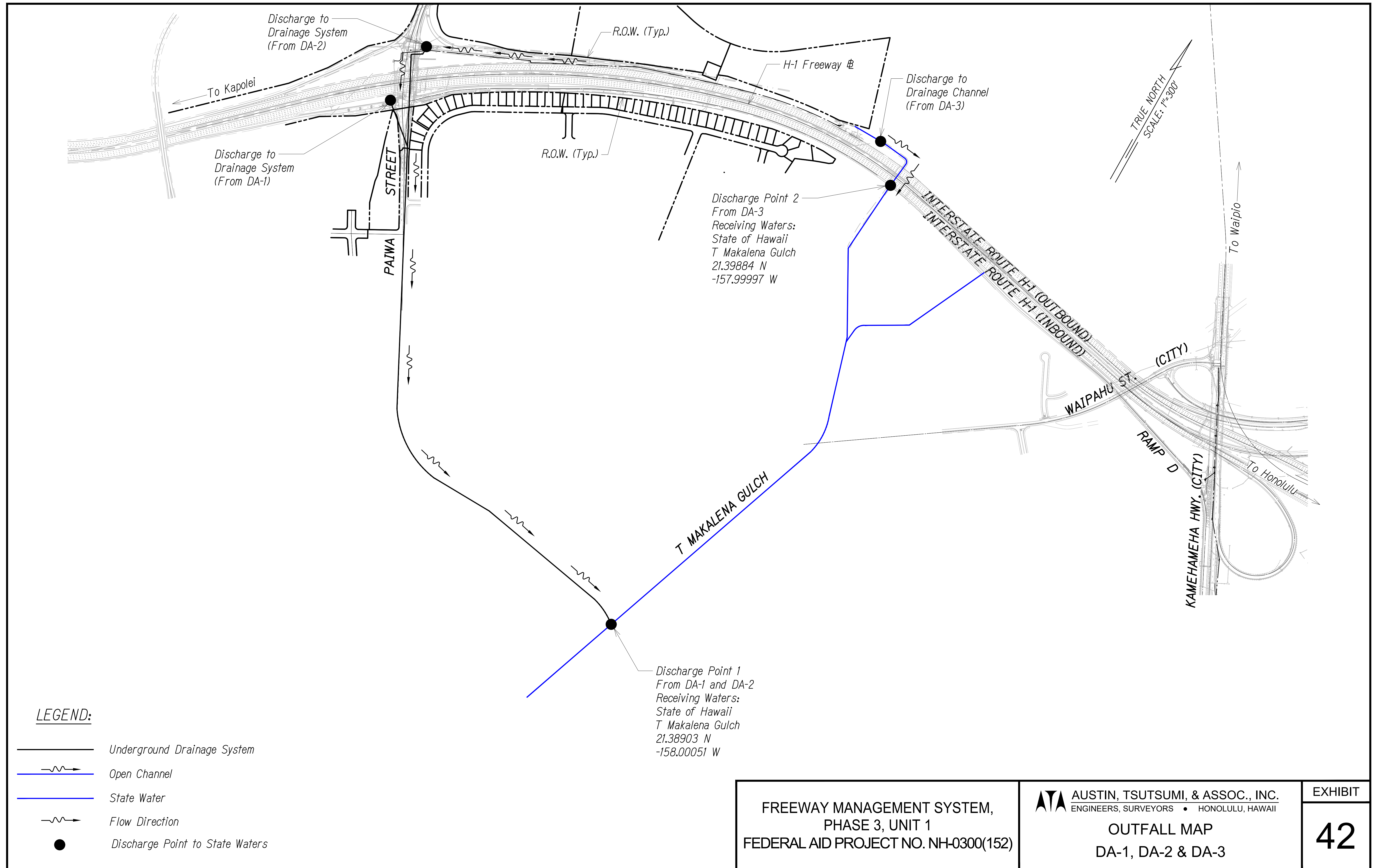




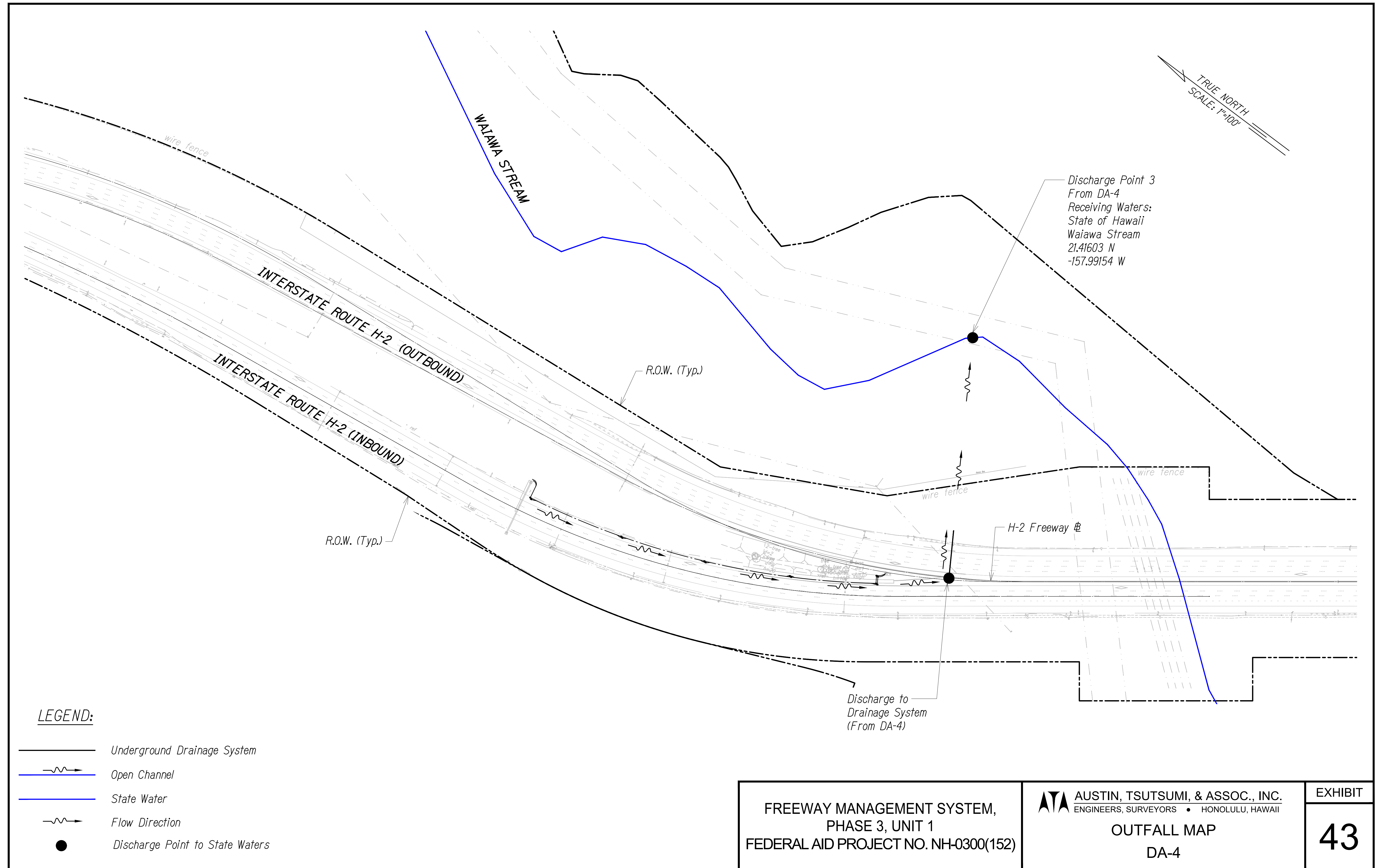
Attachment A-4

Outfall Maps- Form C

FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\42-OUTFALL MAP - 1.DWG



FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\43-OUTFALL MAP - 2.DWG

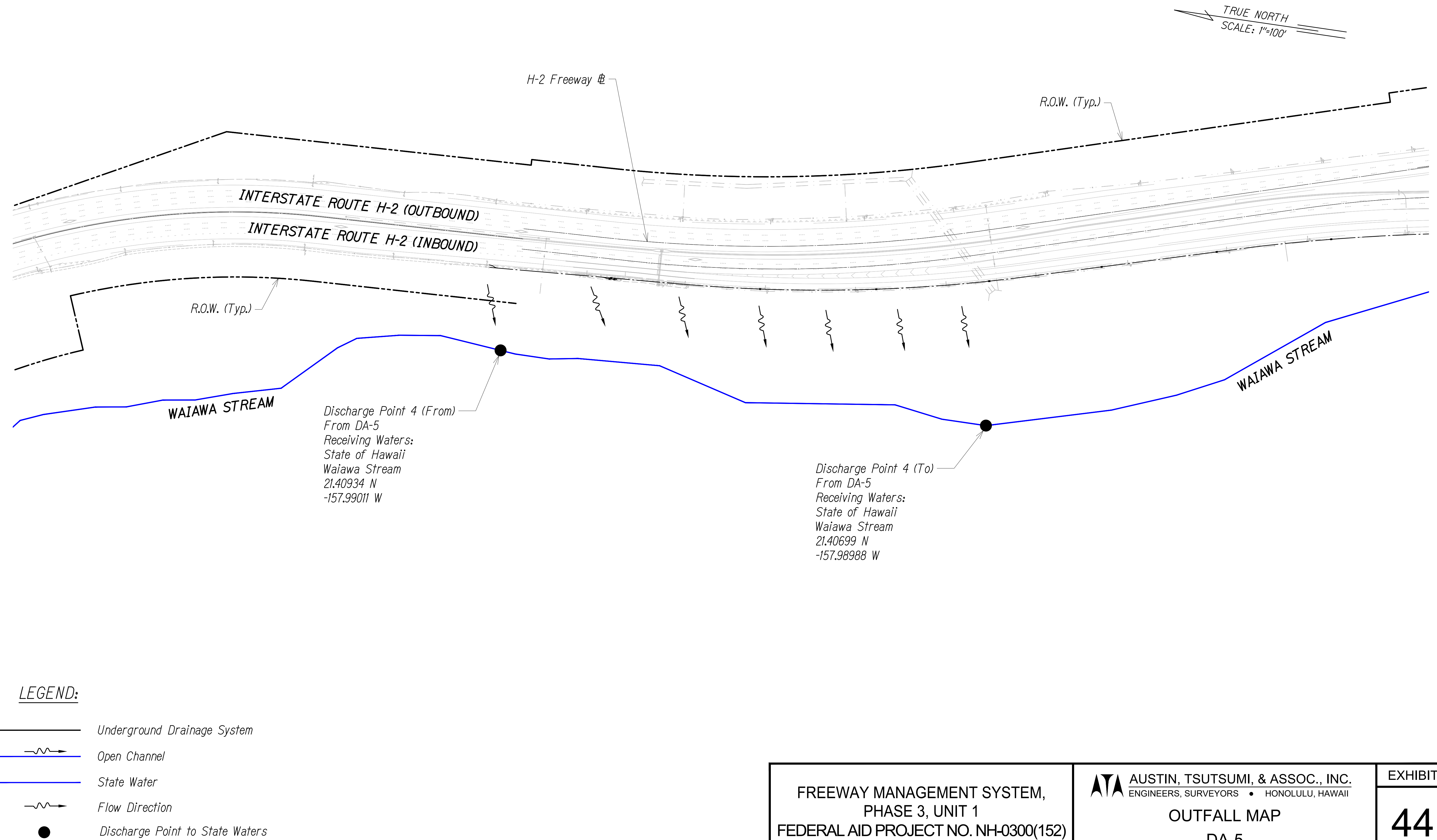


FREeway MANAGEMENT SYSTEM,
PHASE 3, UNIT 1
FEDERAL AID PROJECT NO. NH-0300(152)

AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII
OUTFALL MAP
DA-4

EXHIBIT
43

FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\44-OUTFALL MAP - 3.DWG



FREEWAY MANAGEMENT SYSTEM,
PHASE 3, UNIT 1
FEDERAL AID PROJECT NO. NH-0300(152)

AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII

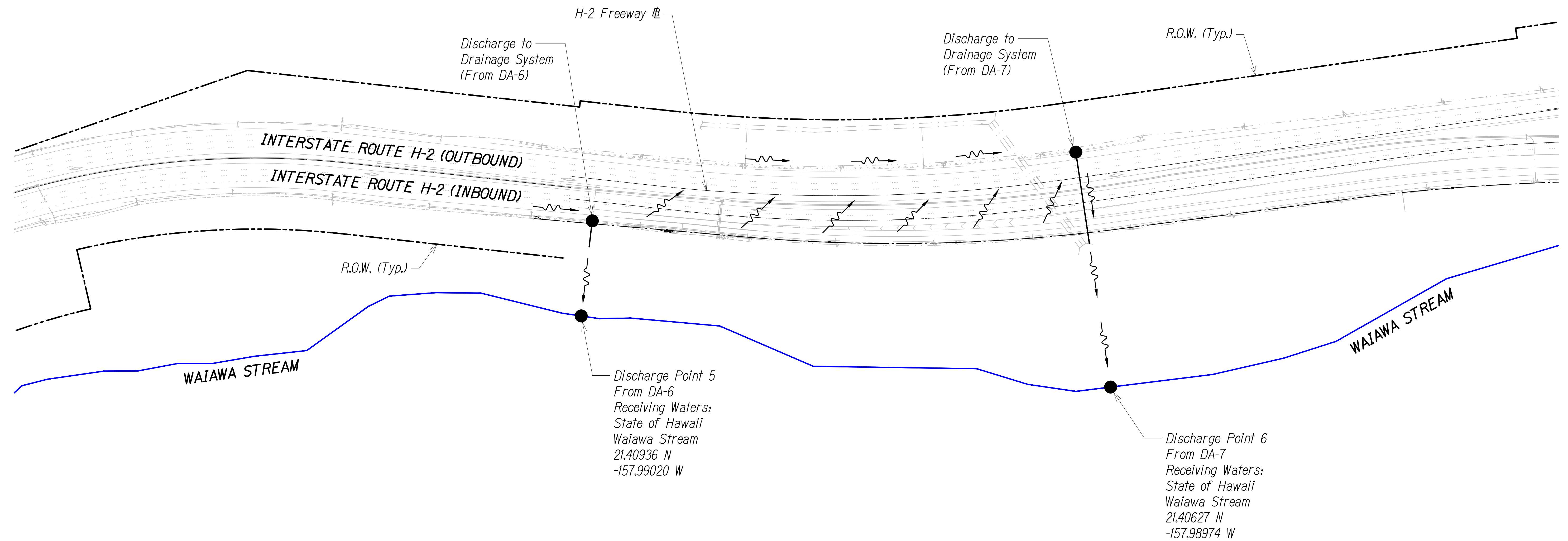
OUTFALL MAP
DA-5

EXHIBIT

44

FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\45-OUTFALL MAP - 4.DWG

TRUE NORTH
SCALE: 1"=100'



LEGEND:

- Underground Drainage System
- Open Channel
- State Water
- Flow Direction
- Discharge Point to State Waters

FREEWAY MANAGEMENT SYSTEM,
PHASE 3, UNIT 1
FEDERAL AID PROJECT NO. NH-0300(152)

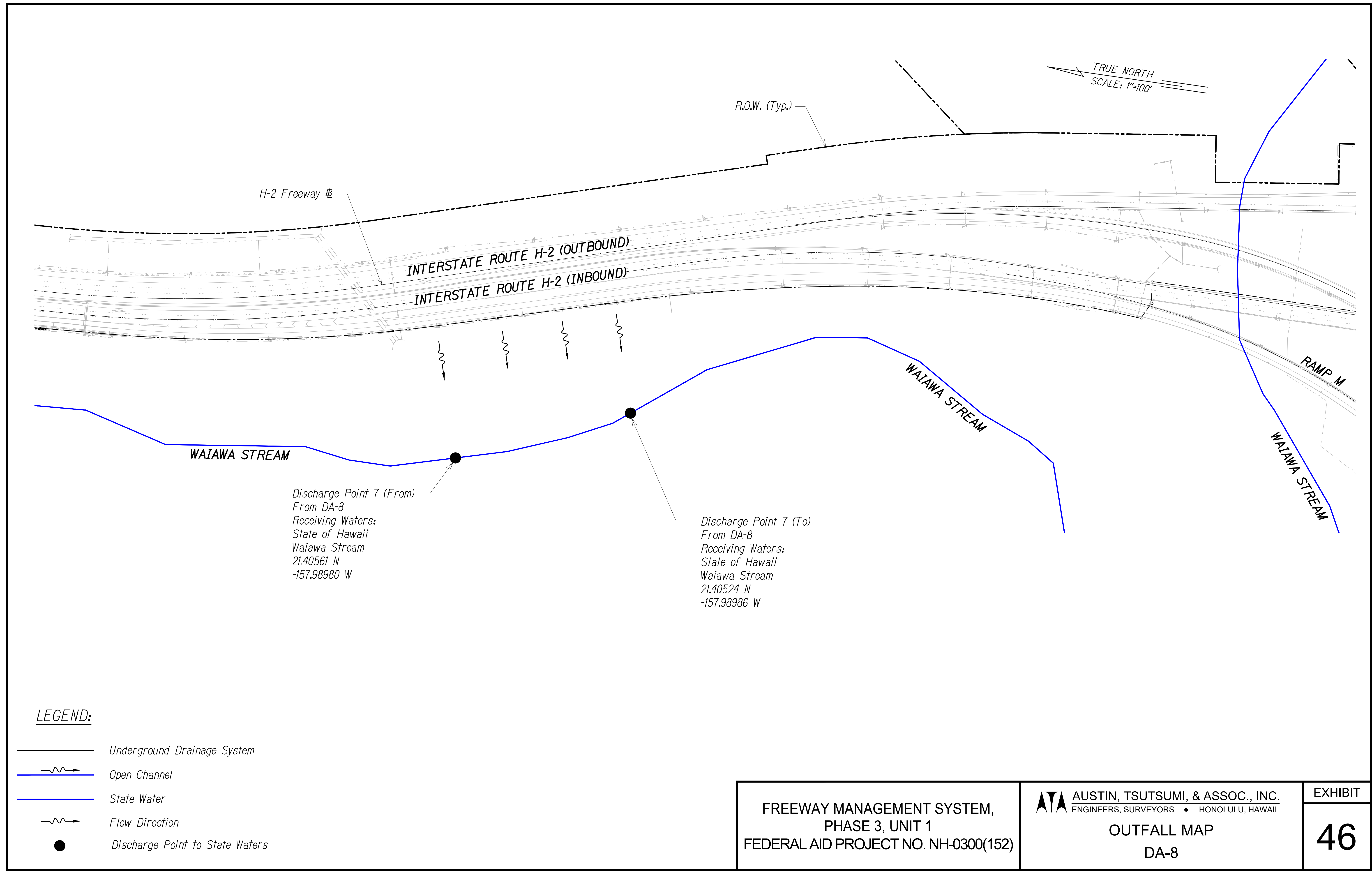
AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII

OUTFALL MAP
DA-6 & DA-7

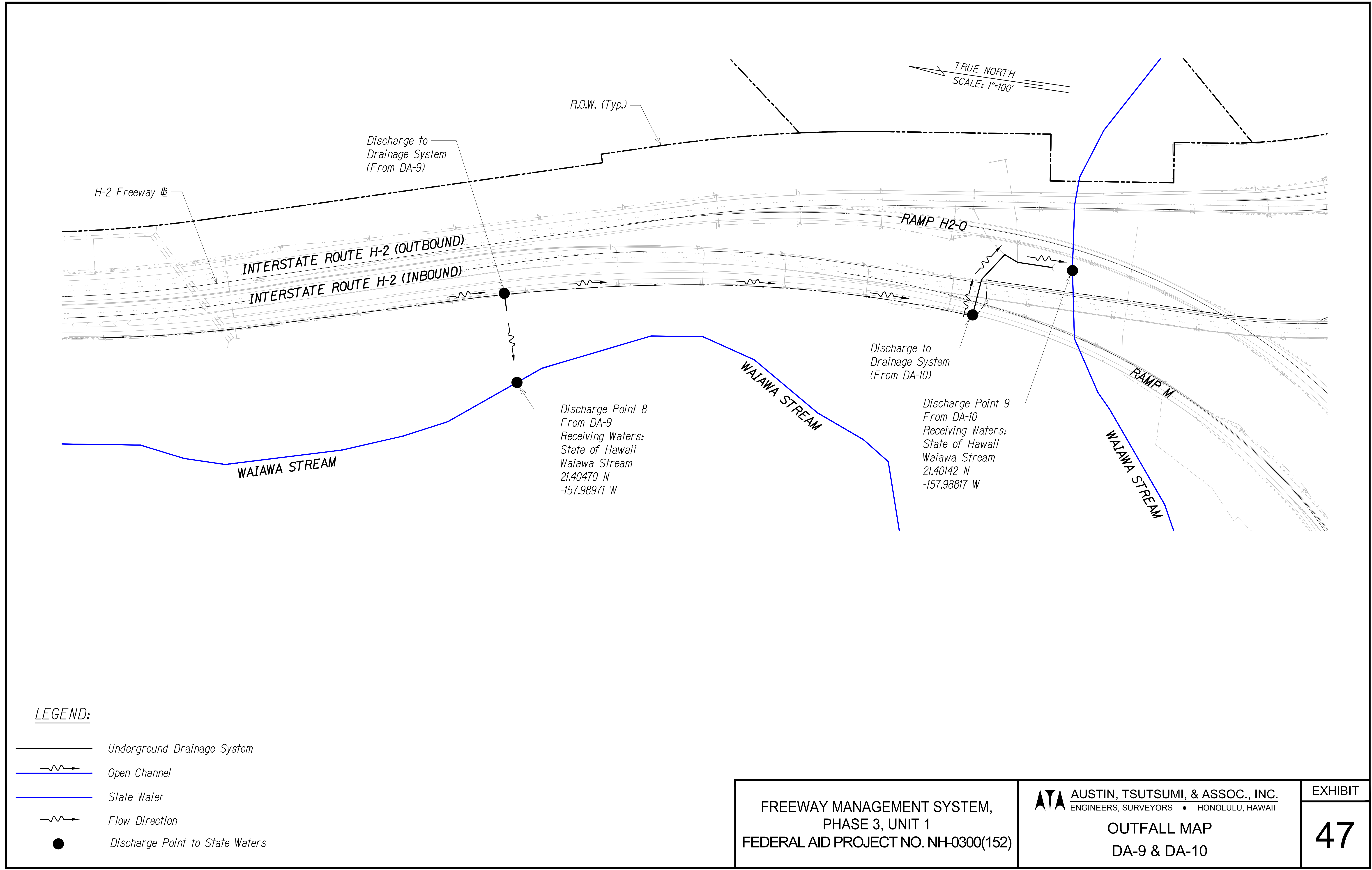
EXHIBIT

45

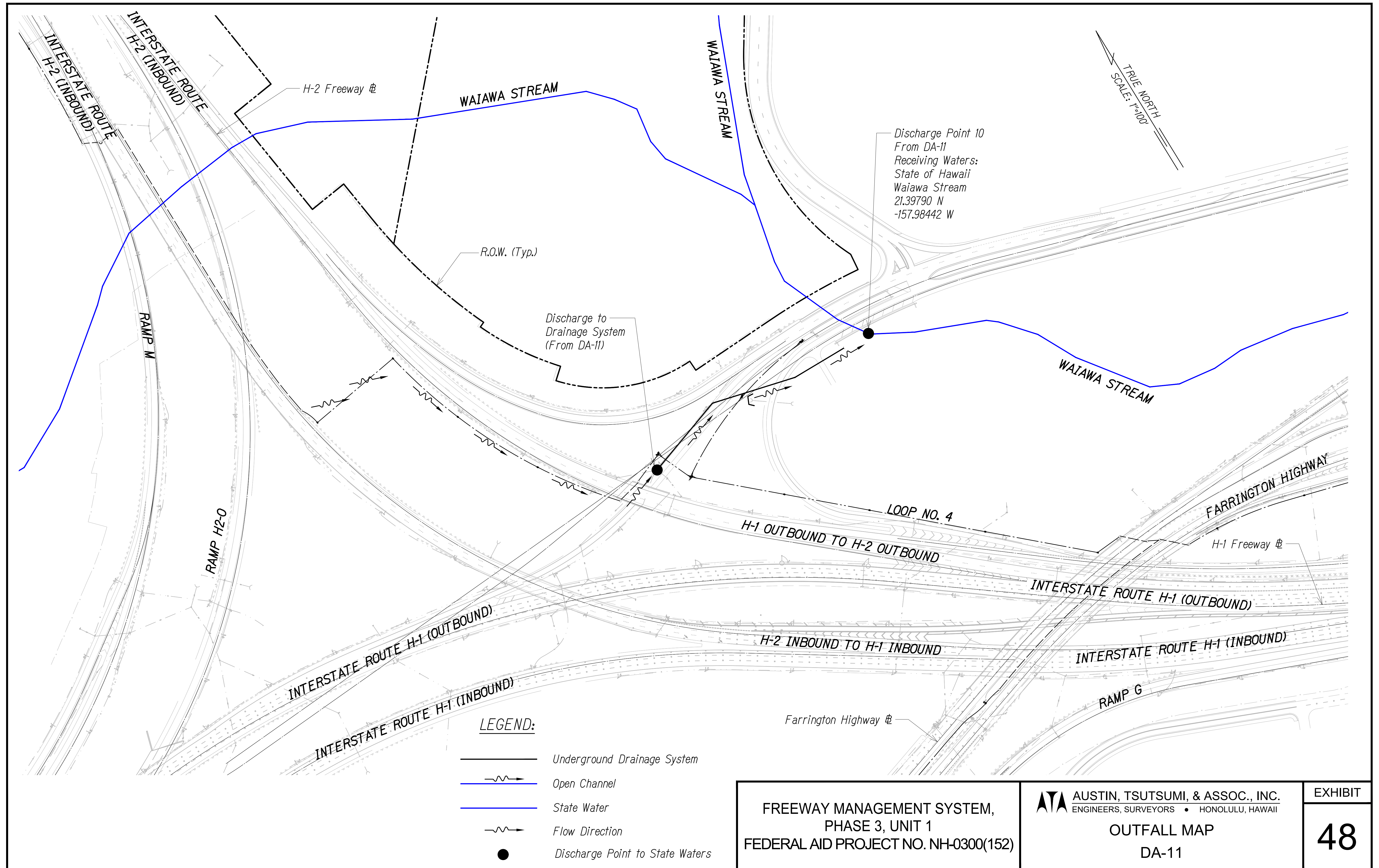
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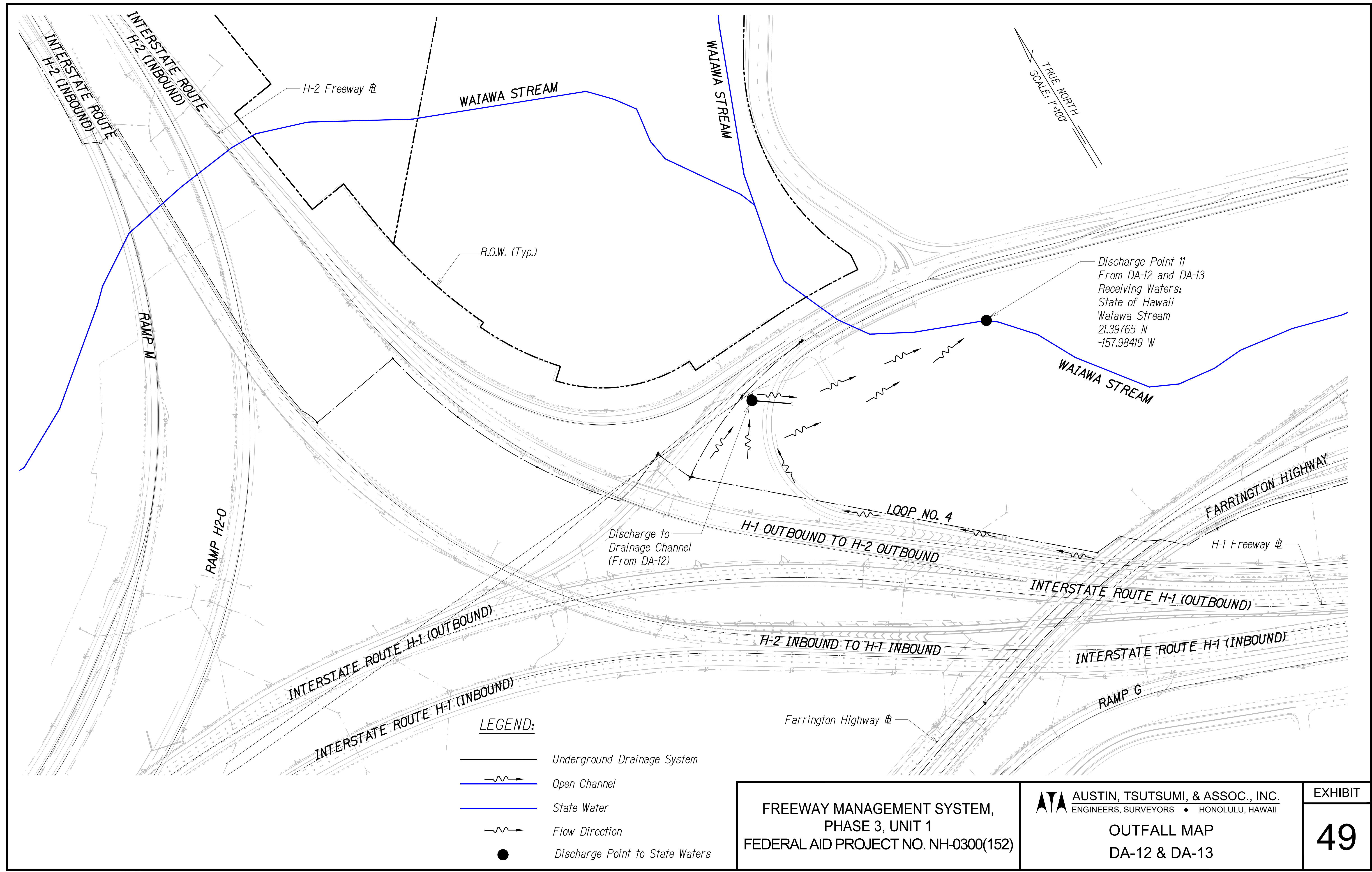
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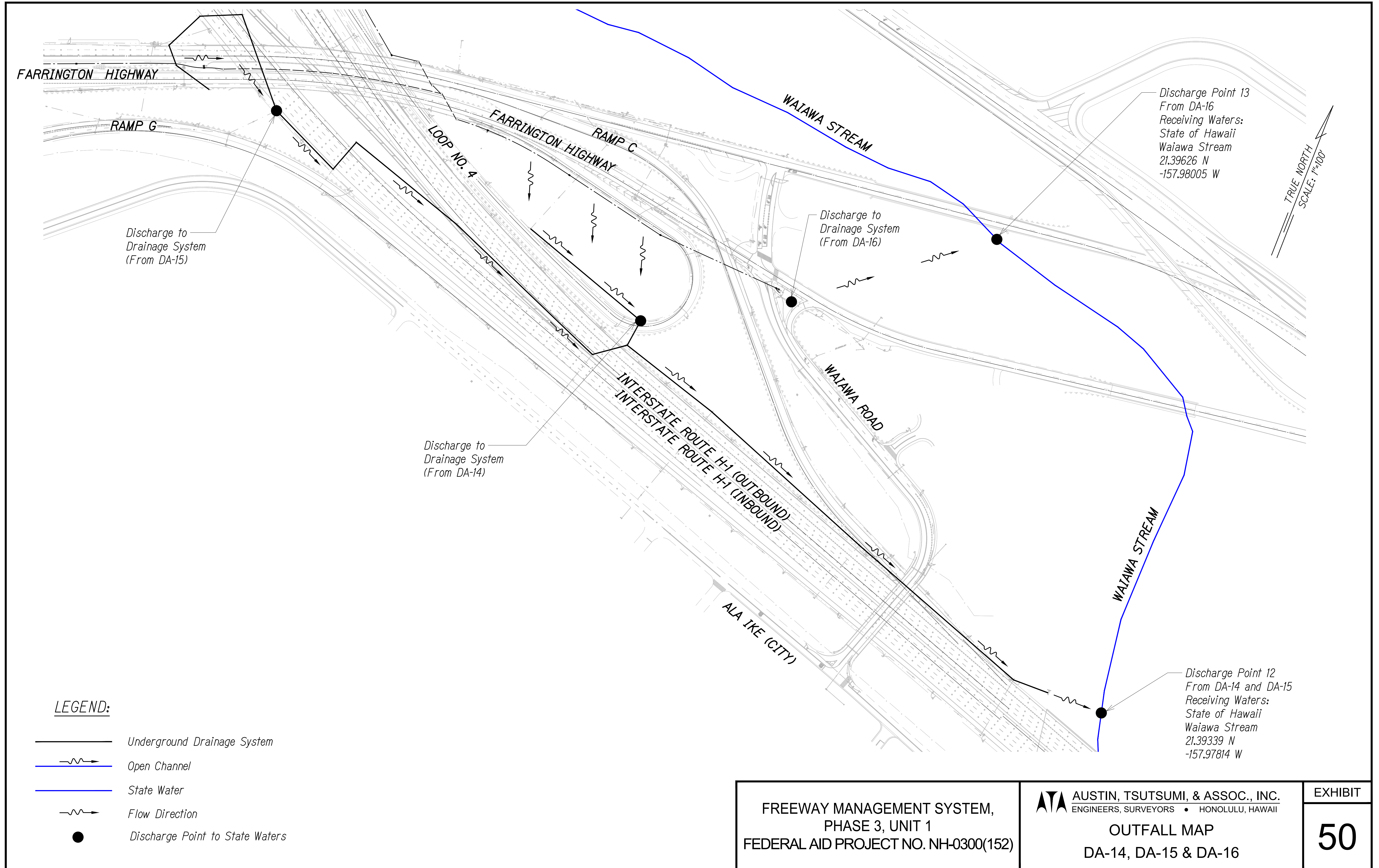
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FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\49-OUTFALL MAP - 8.DWG



FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\50-OUTFALL MAP - 9.DWG



FREEWAY MANAGEMENT SYSTEM,
PHASE 3, UNIT 1
FEDERAL AID PROJECT NO. NH-0300(152)

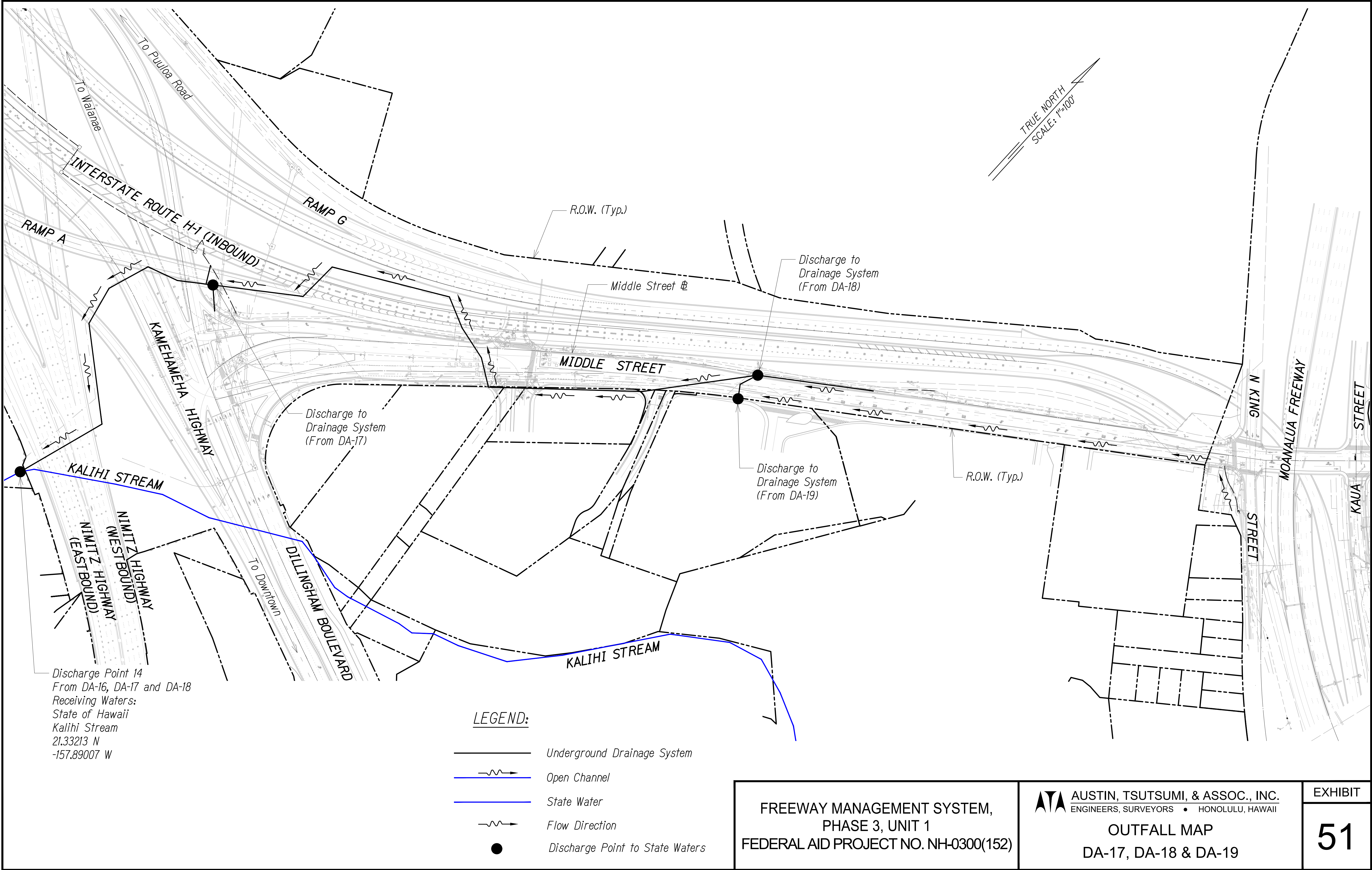
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OUTFALL MAP
DA-14, DA-15 & DA-16

EXHIBIT

50

FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\51-OUTFALL MAP - 10.DWG



Discharge Point 14
From DA-16, DA-17 and DA-18
Receiving Waters:
State of Hawaii
Kalihi Stream
21.33213 N
-157.89007 W

LEGEND:

- Underground Drainage System
- Open Channel
- State Water
- Flow Direction
- Discharge Point to State Waters

**FREEWAY MANAGEMENT SYSTEM,
PHASE 3, UNIT 1
FEDERAL AID PROJECT NO. NH-0300(152)**

**AUSTIN, TSUTSUMI, & ASSOC., INC.**
ENGINEERS, SURVEYORS • HONOLULU, HAWAII

**OUTFALL MAP
DA-17, DA-18 & DA-19**

**EXHIBIT
51**