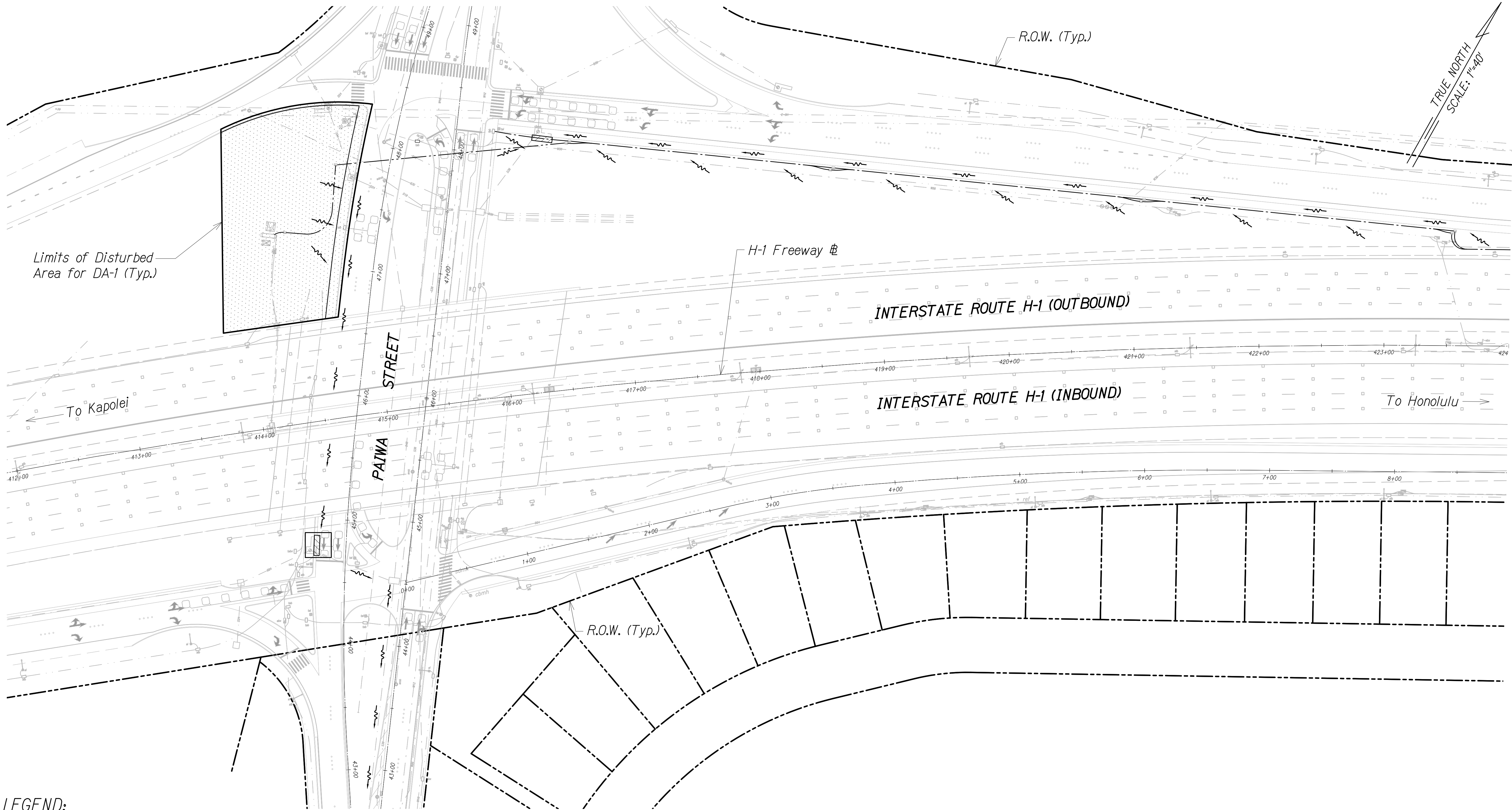




Attachment A-3

Drainage 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\23-DRAINAGE MAP - 1.DWG



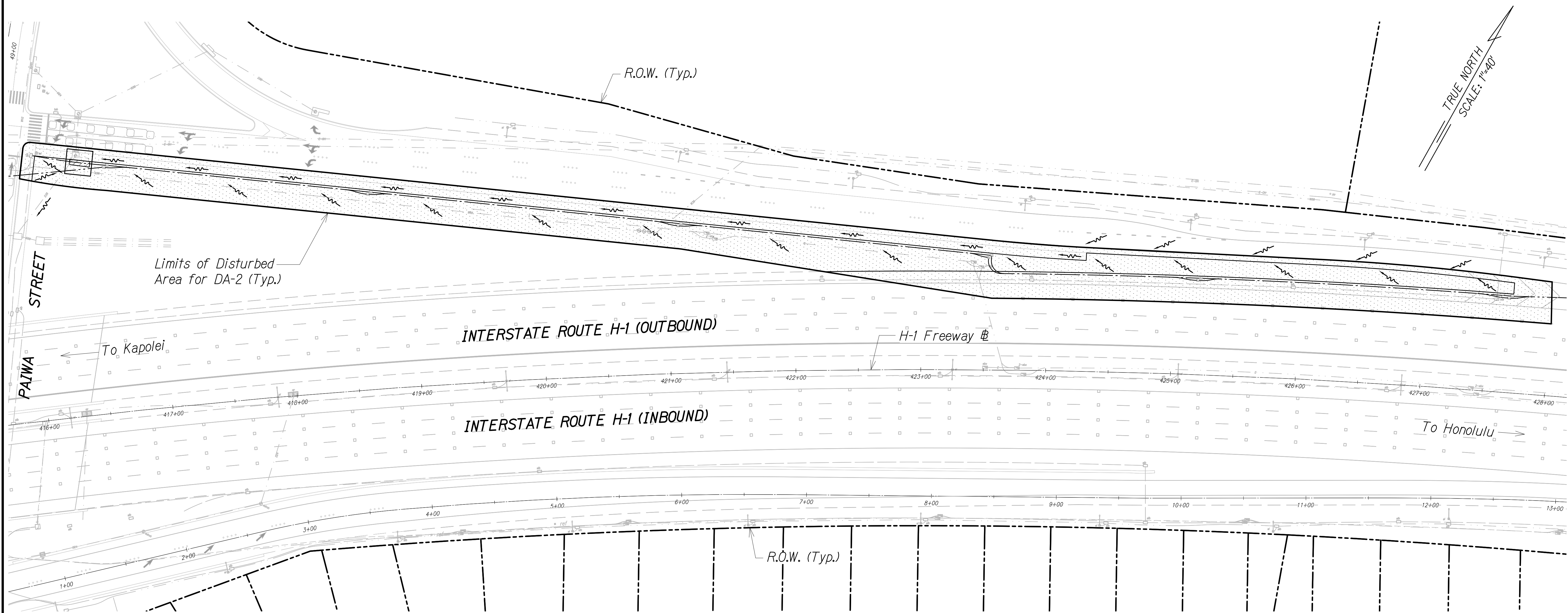
LEGEND:

- Flow Direction
- Storm Water Outlet Point
- Drain Inlet
- Disturbed Area

Notes:
See Outfall Map 42 For Discharge Point

FREEWAY MANAGEMENT SYSTEM, PHASE 3, UNIT 1 FEDERAL AID PROJECT NO. NH-0300(152)	AUSTIN, TSUTSUMI, & ASSOC., INC. ENGINEERS, SURVEYORS • HONOLULU, HAWAII	EXHIBIT
	DRAINAGE MAP DA-1 (STA. 413+50 TO STA. 415+00)	23

FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\24-DRAINAGE MAP - 2.DWG



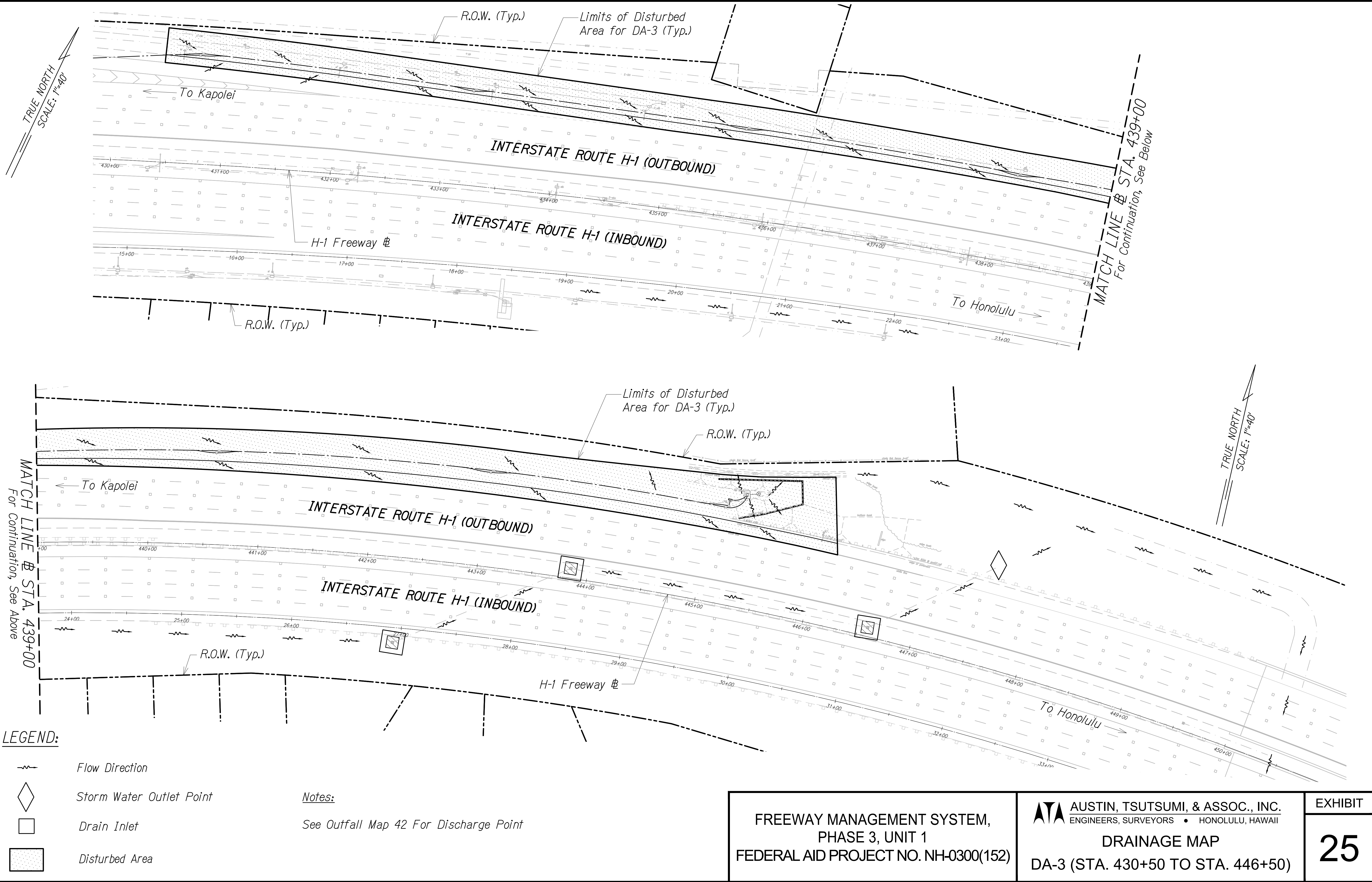
LEGEND:

- Flow Direction
- Storm Water Outlet Point
- Drain Inlet
- Disturbed Area

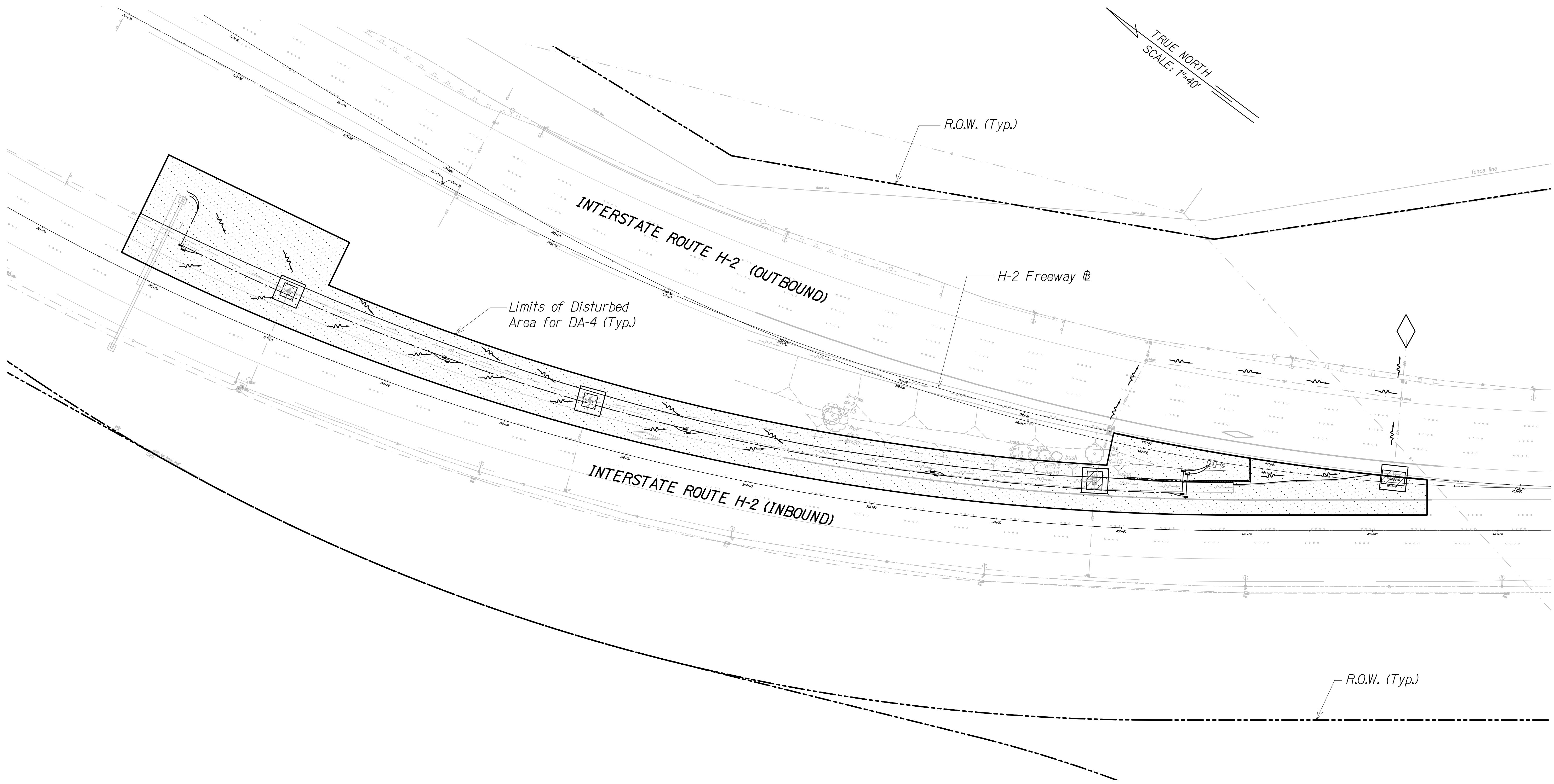
Notes:
See Outfall Map 42 For Discharge Point

FREEWAY MANAGEMENT SYSTEM, PHASE 3, UNIT 1 FEDERAL AID PROJECT NO. NH-0300(152)	AUSTIN, TSUTSUMI, & ASSOC., INC. ENGINEERS, SURVEYORS • HONOLULU, HAWAII	EXHIBIT
		24

FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\25-DRAINAGE MAP - 3.DWG



FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\26-DRAINAGE MAP - 4.DWG



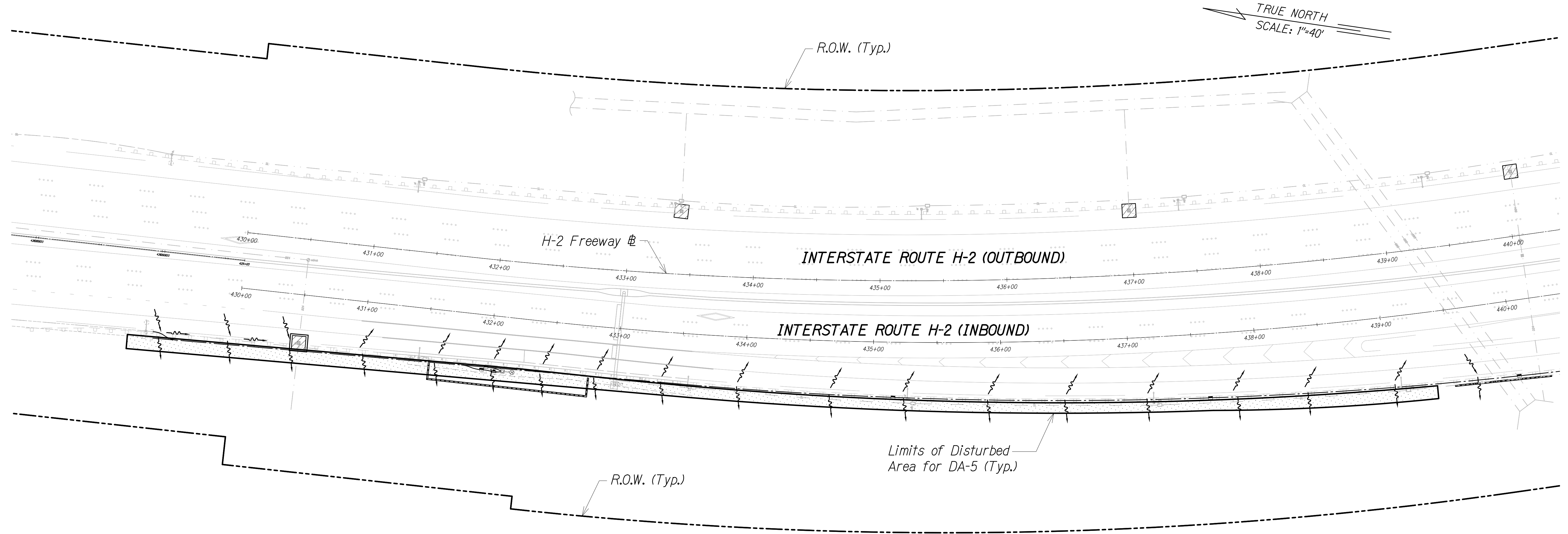
LEGEND:

- Flow Direction
- Storm Water Outlet Point
- Drain Inlet
- Disturbed Area

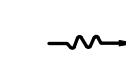
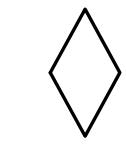
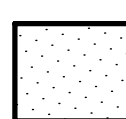
Notes:
See Outfall Map 43 For Discharge Point

FREEWAY MANAGEMENT SYSTEM, PHASE 3, UNIT 1 FEDERAL AID PROJECT NO. NH-0300(152)	AUSTIN, TSUTSUMI, & ASSOC., INC. ENGINEERS, SURVEYORS • HONOLULU, HAWAII	EXHIBIT
		26

FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\27-DRAINAGE MAP - 5.DWG



LEGEND:

-  Flow Direction
-  Storm Water Outlet Point
-  Drain Inlet
-  Disturbed Area

Notes:

See Outfall Map 44 For Discharge Point

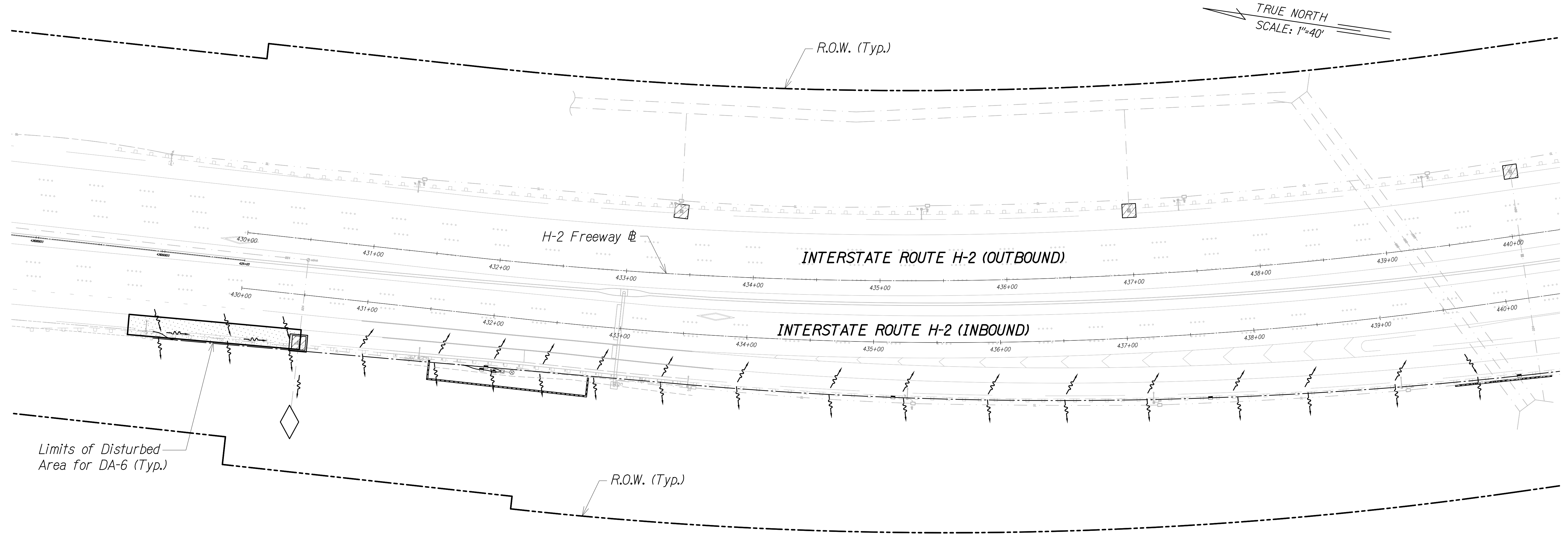
FREEWAY MANAGEMENT SYSTEM,
PHASE 3, UNIT 1
FEDERAL AID PROJECT NO. NH-0300(152)

AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII
DRAINAGE MAP
DA-5 (STA. 428+50 TO STA. 439+50)

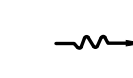
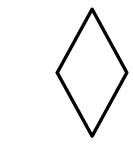
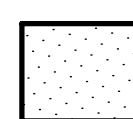
EXHIBIT

27

FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\28-DRAINAGE MAP - 6.DWG



LEGEND:

-  Flow Direction
-  Storm Water Outlet Point
-  Drain Inlet
-  Disturbed Area

Notes:

See Outfall Map 45 For Discharge Point

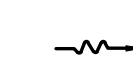
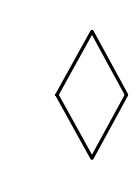
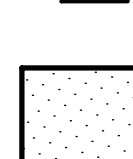
FREEWAY MANAGEMENT SYSTEM,
PHASE 3, UNIT 1
FEDERAL AID PROJECT NO. NH-0300(152)

AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII
DRAINAGE MAP
DA-6 (STA. 428+50 TO STA. 430+50)

EXHIBIT
28

FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\29-DRAINAGE MAP - 7.DWG

LEGEND:

-  Flow Direction
-  Storm Water Outlet Point
-  Drain Inlet
-  Disturbed Area

Notes:

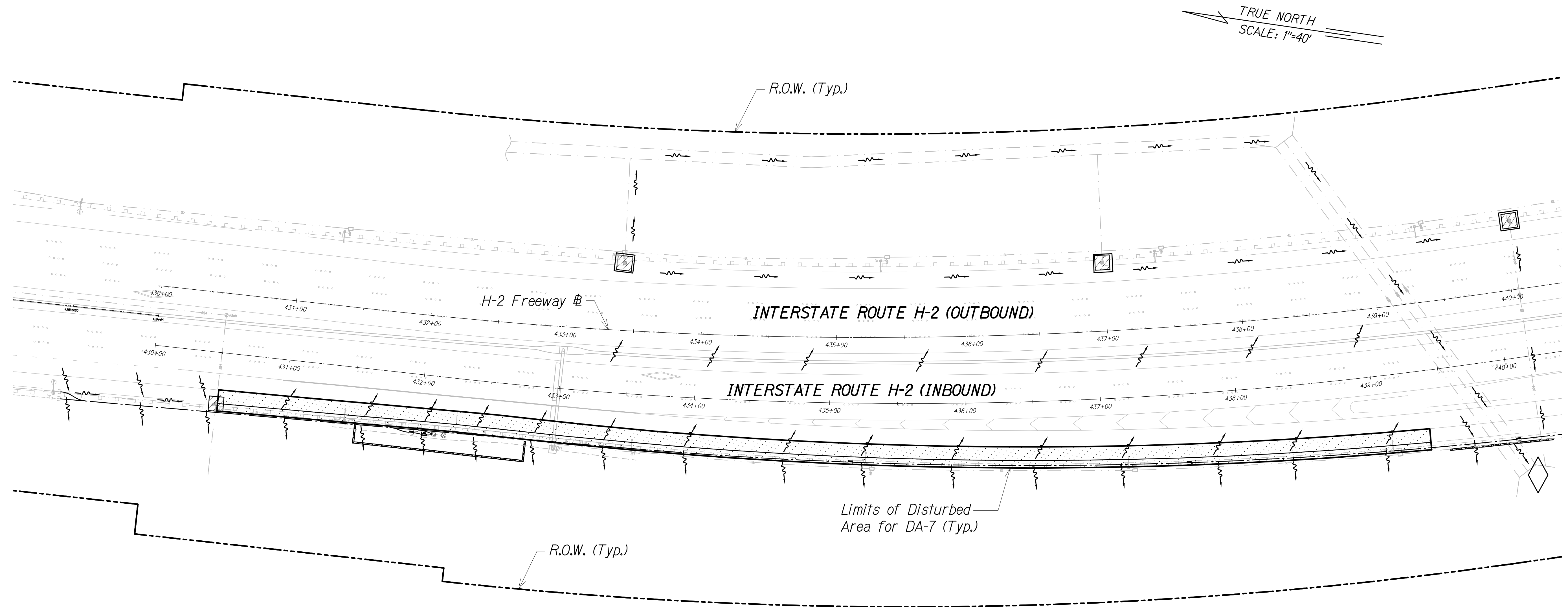
See Outfall Map 45 For Discharge Point

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

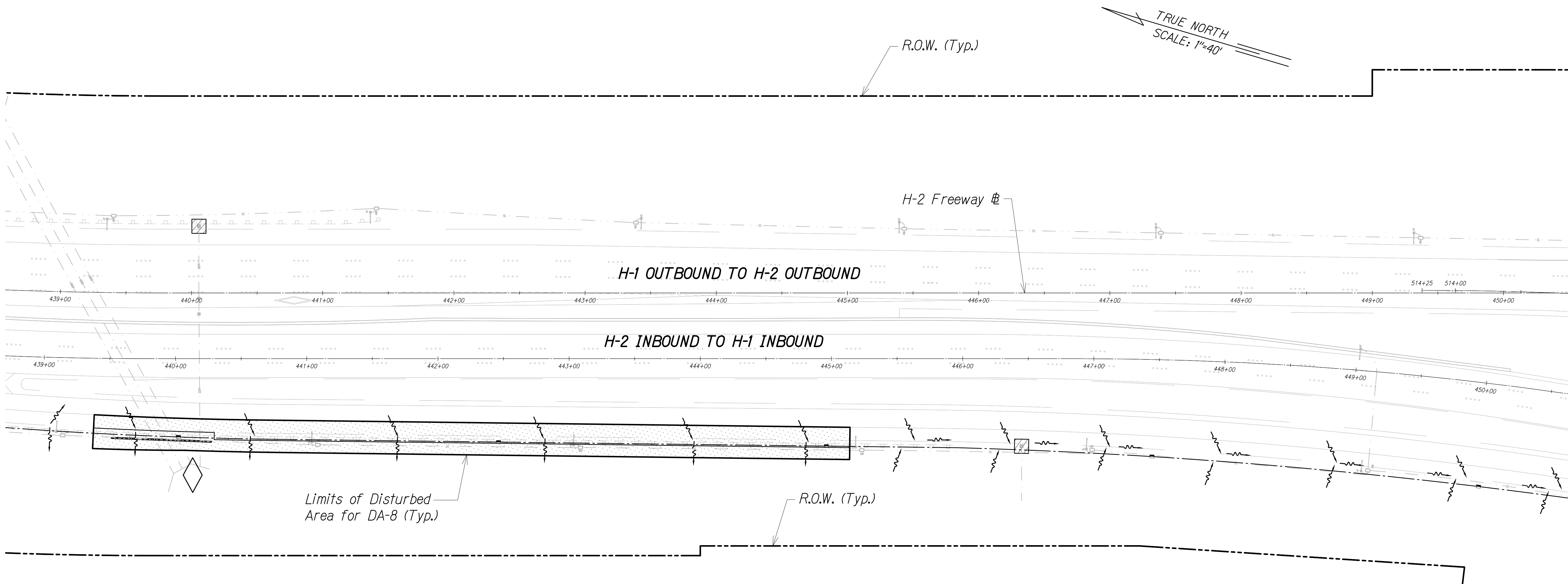
ATA AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII
DRAINAGE MAP
DA-7 (STA. 429+00 TO STA. 439+50)

EXHIBIT

29



FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\30-DRAINAGE MAP - 8.DWG



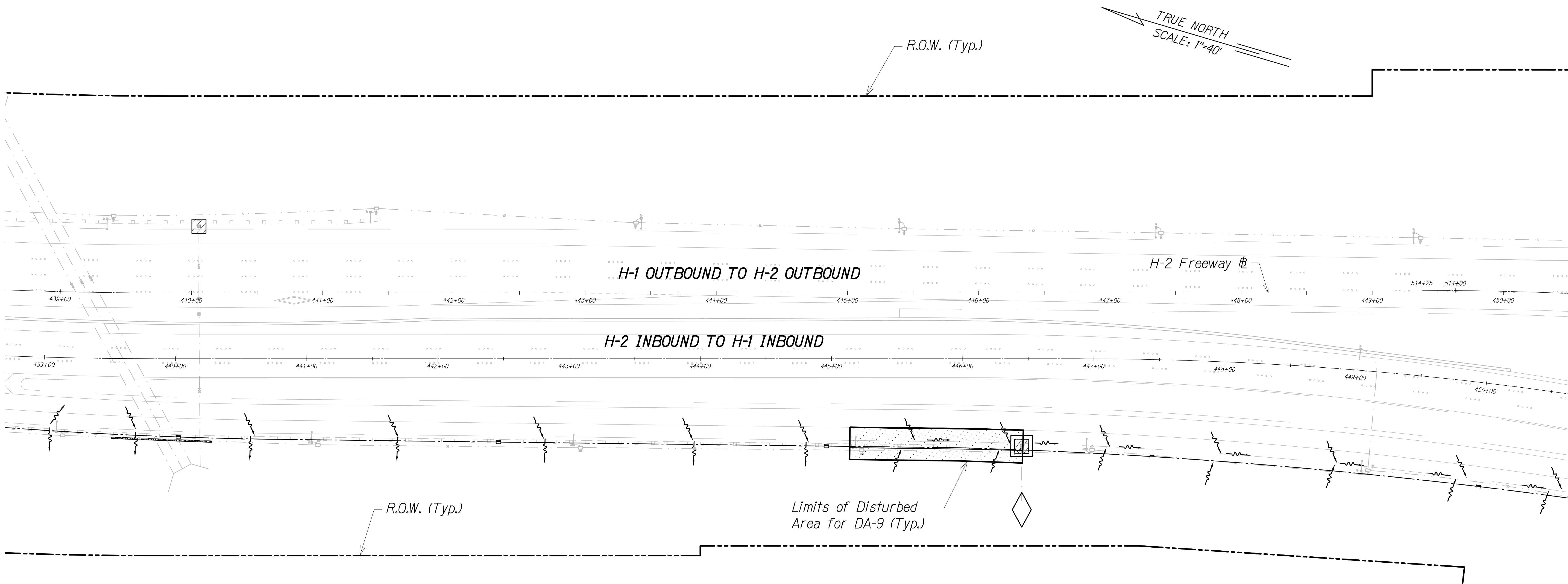
LEGEND:

- Flow Direction
- Storm Water Outlet Point
- Drain Inlet
- Disturbed Area

Notes:
See Outfall Map 46 For Discharge Point

FREEWAY MANAGEMENT SYSTEM, PHASE 3, UNIT 1 FEDERAL AID PROJECT NO. NH-0300(152)	AUSTIN, TSUTSUMI, & ASSOC., INC. ENGINEERS, SURVEYORS • HONOLULU, HAWAII	EXHIBIT
		30

FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\31 - DRAINAGE MAP - 9.DWG



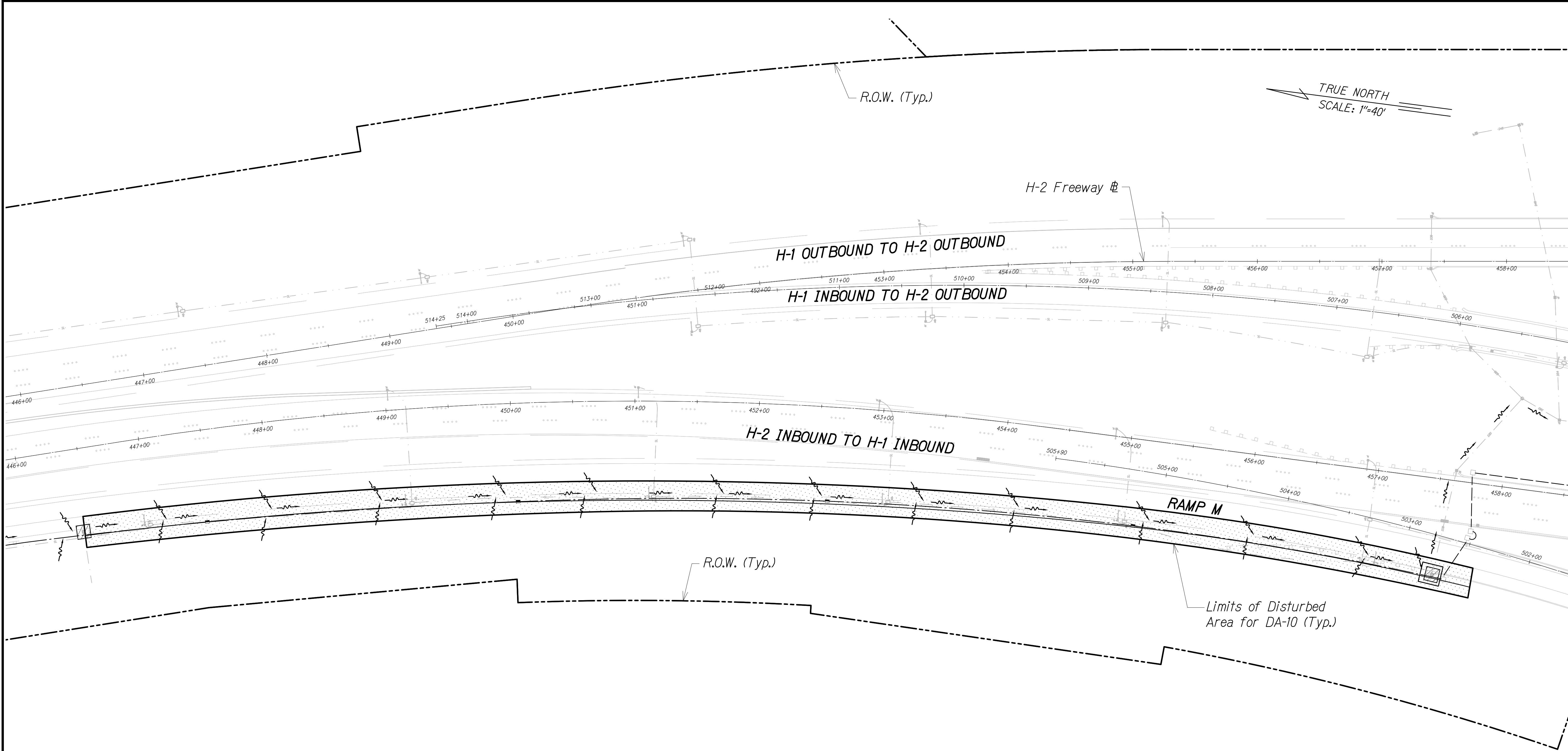
LEGEND:

- Flow Direction
- Storm Water Outlet Point
- Drain Inlet
- Disturbed Area

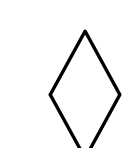
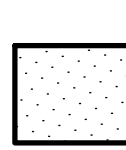
Notes:
See Outfall Map 47 For Discharge Point

FREEWAY MANAGEMENT SYSTEM, PHASE 3, UNIT 1 FEDERAL AID PROJECT NO. NH-0300(152)	AUSTIN, TSUTSUMI, & ASSOC., INC. ENGINEERS, SURVEYORS • HONOLULU, HAWAII	EXHIBIT
		31

FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\32-DRAINAGE MAP - 10.DWG



LEGEND:

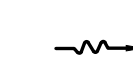
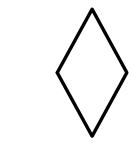
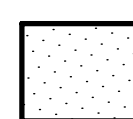
-  Flow Direction
-  Storm Water Outlet Point
-  Drain Inlet
-  Disturbed Area

Notes:
See Outfall Map 47 For Discharge Point

FREEWAY MANAGEMENT SYSTEM, PHASE 3, UNIT 1 FEDERAL AID PROJECT NO. NH-0300(152)	 AUSTIN, TSUTSUMI, & ASSOC., INC. ENGINEERS, SURVEYORS • HONOLULU, HAWAII	EXHIBIT
		32
DRAINAGE MAP DA-10 (STA. 446+50 TO STA. 458+00)		

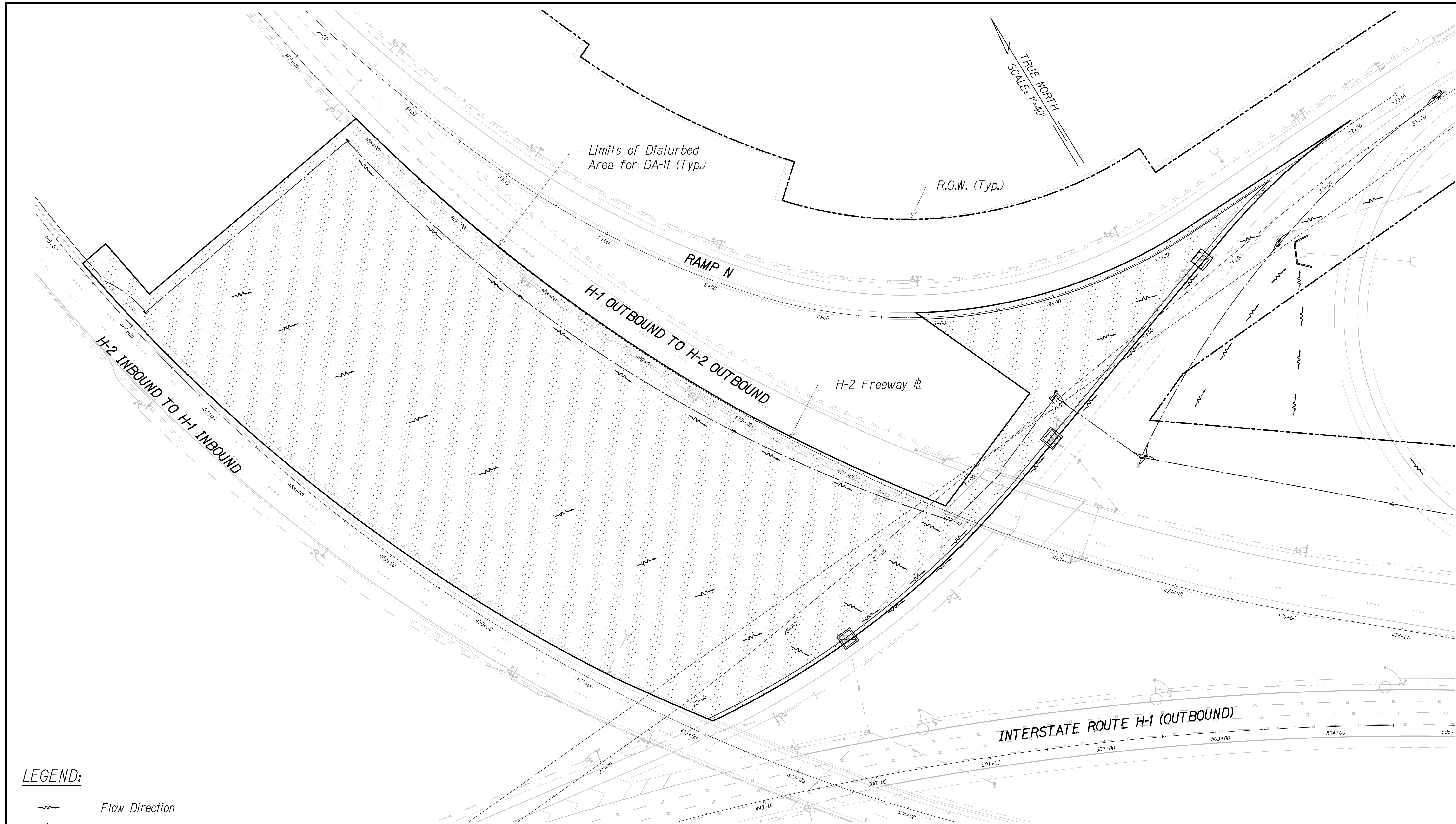
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LEGEND:

-  Flow Direction
-  Storm Water Outlet Point
-  Drain Inlet
-  Disturbed Area

Notes:

See Outfall Map 48 For Discharge Point



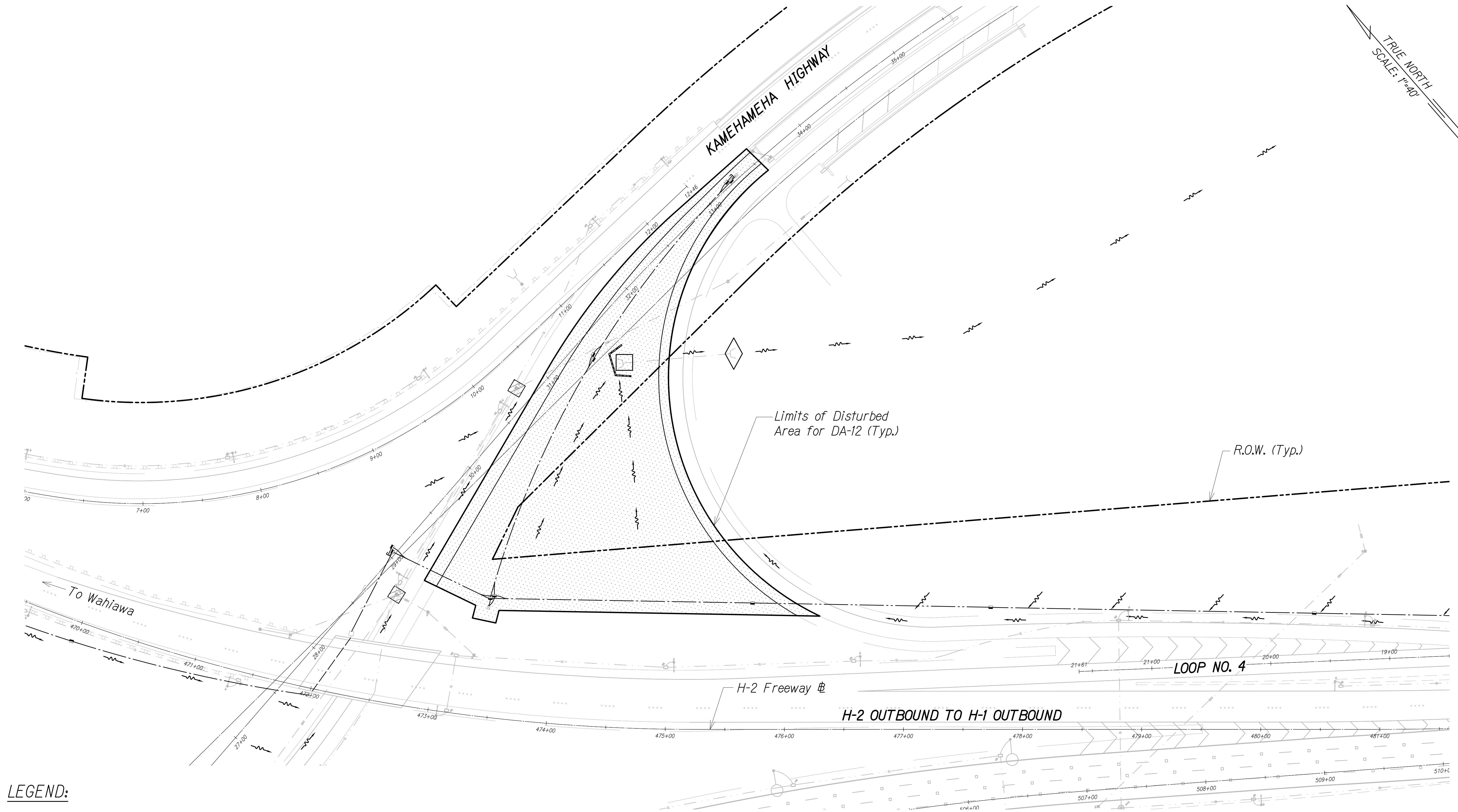
FREEWAY MANAGEMENT SYSTEM,
PHASE 3, UNIT 1
FEDERAL AID PROJECT NO. NH-0300(152)

AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII
DRAINAGE MAP
DA-11 (STA. 465+00 TO STA. 473+00)

EXHIBIT

33

FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\34-DRAINAGE MAP - 12.DWG



TRUE NORTH
SCALE: 1"=40'

LEGEND:

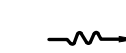
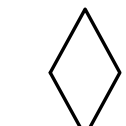
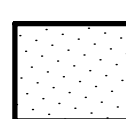
- Flow Direction
- Storm Water Outlet Point
- Drain Inlet
- Disturbed Area

Notes:
See Outfall Map 49 For Discharge Point

FREEWAY MANAGEMENT SYSTEM, PHASE 3, UNIT 1 FEDERAL AID PROJECT NO. NH-0300(152)	AUSTIN, TSUTSUMI, & ASSOC., INC. ENGINEERS, SURVEYORS • HONOLULU, HAWAII	EXHIBIT
	DRAINAGE MAP DA-12 (STA. 473+00 TO STA. 476+50)	34

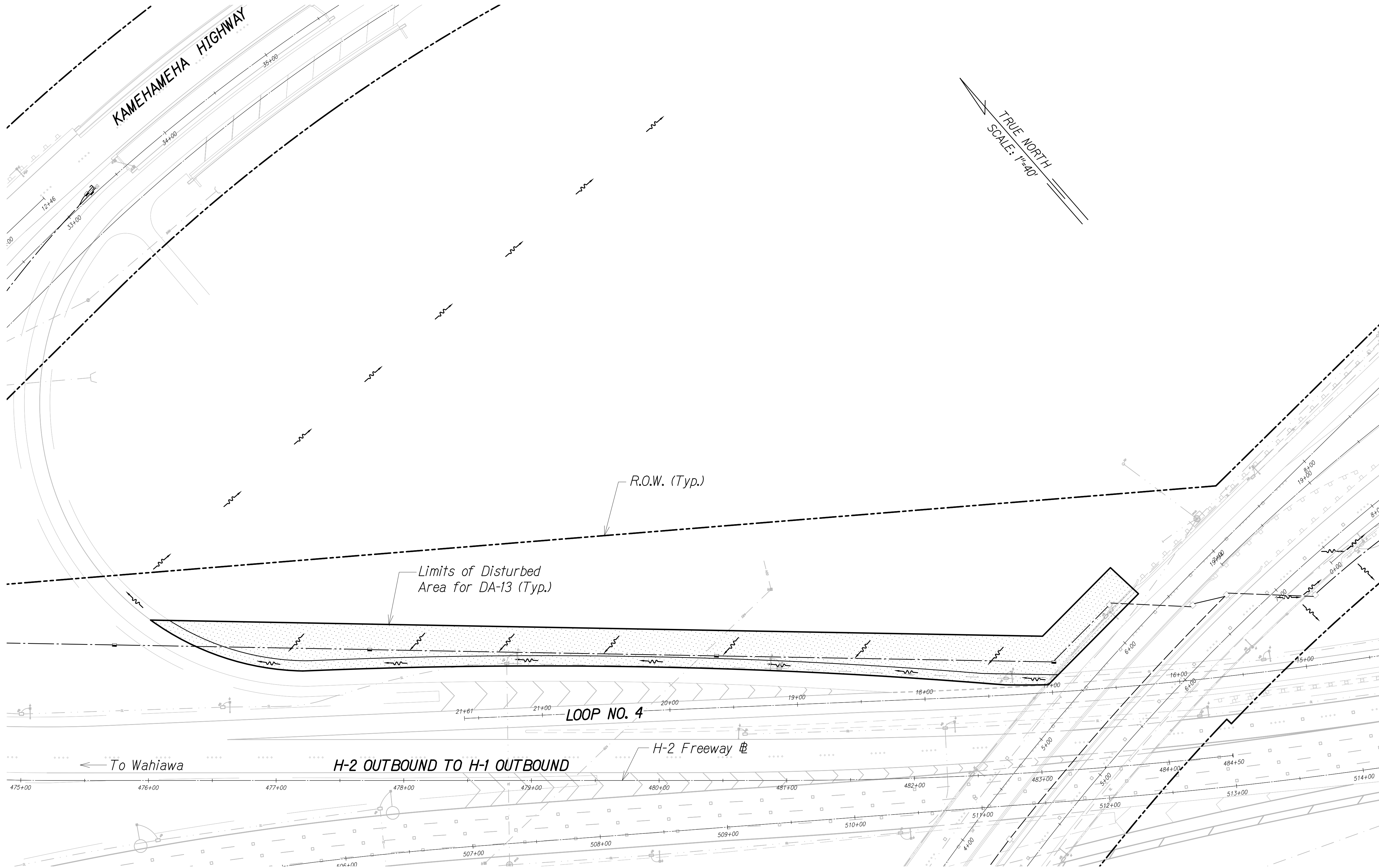
FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\35-DRAINAGE MAP - 13.DWG

LEGEND:

-  Flow Direction
-  Storm Water Outlet Point
-  Drain Inlet
-  Disturbed Area

Notes:

See Outfall Map 49 For Discharge Point



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

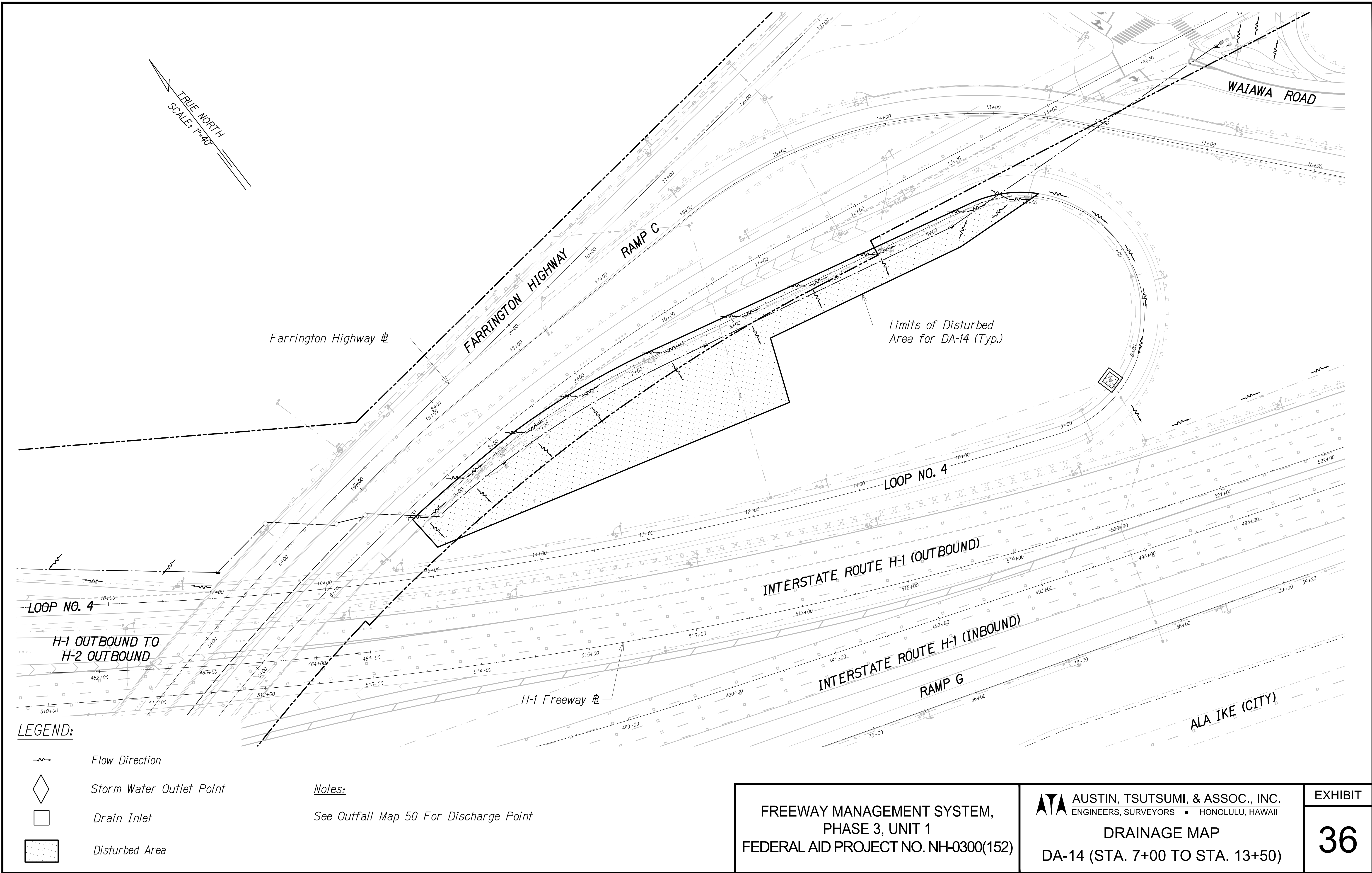
AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII

DRAINAGE MAP
DA-13 (STA. 476+00 TO STA. 484+00)

EXHIBIT

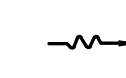
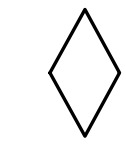
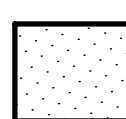
35

FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\36-DRAINAGE MAP - 14.DWG



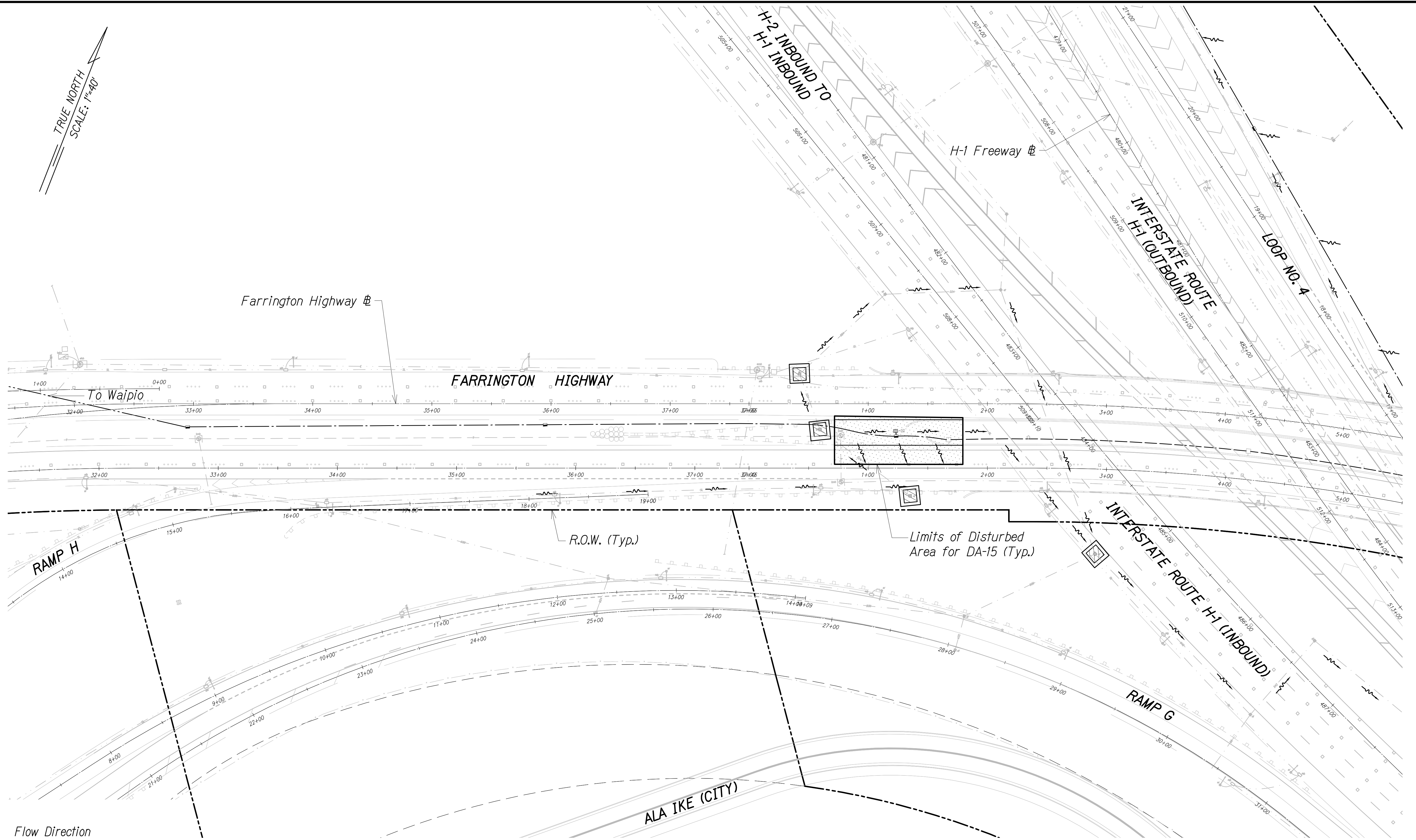
FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\37-DRAINAGE MAP - 15.DWG

LEGEND:

-  Flow Direction
-  Storm Water Outlet Point
-  Drain Inlet
-  Disturbed Area

Notes:

See Outfall Map 50 For Discharge Point



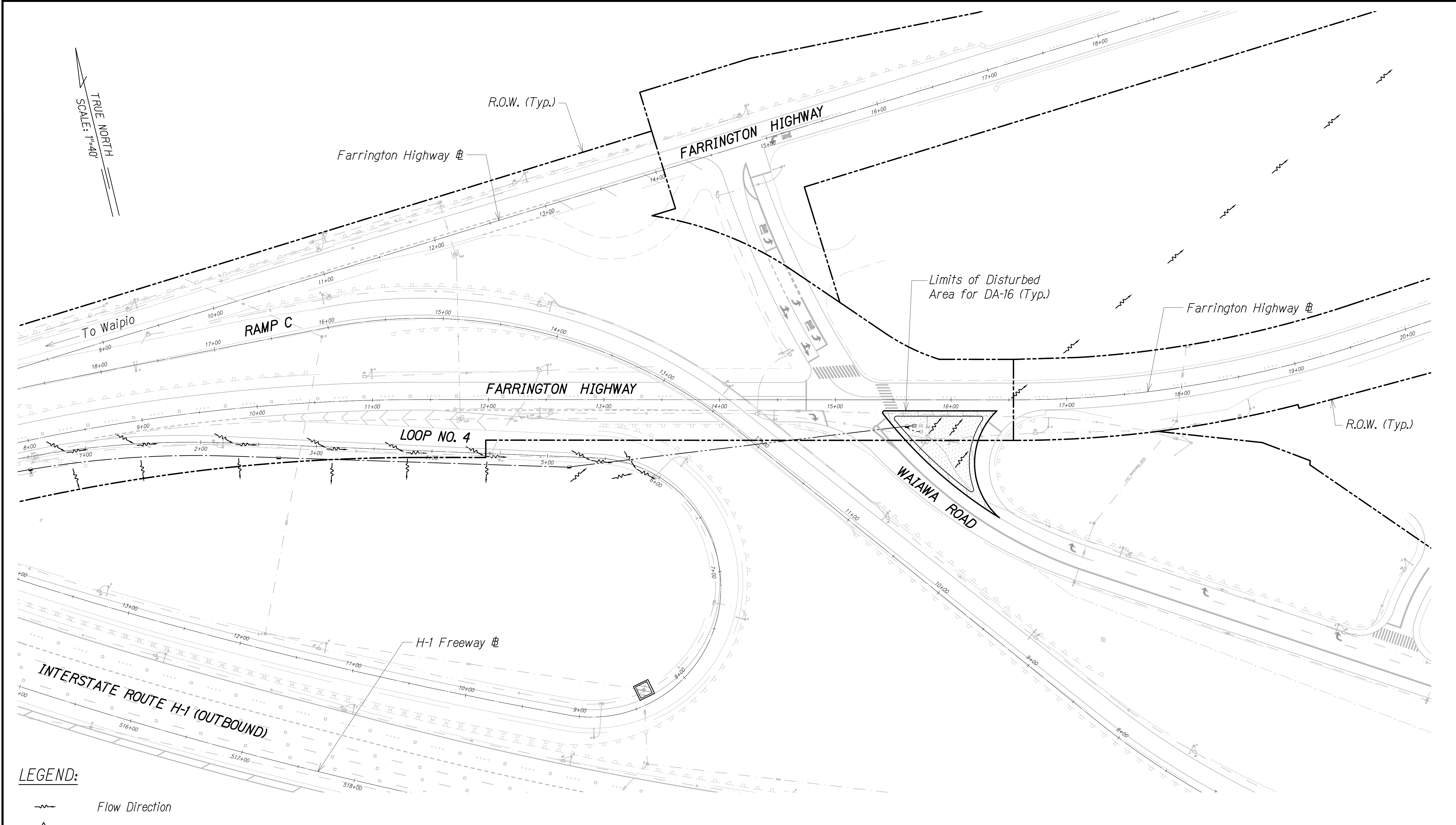
FREEWAY MANAGEMENT SYSTEM,
PHASE 3, UNIT 1
FEDERAL AID PROJECT NO. NH-0300(152)

 AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII
DRAINAGE MAP
DA-15 (STA. 0+50 TO STA. 2+00)

EXHIBIT

37

FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\38-DRAINAGE MAP - 16.DWG



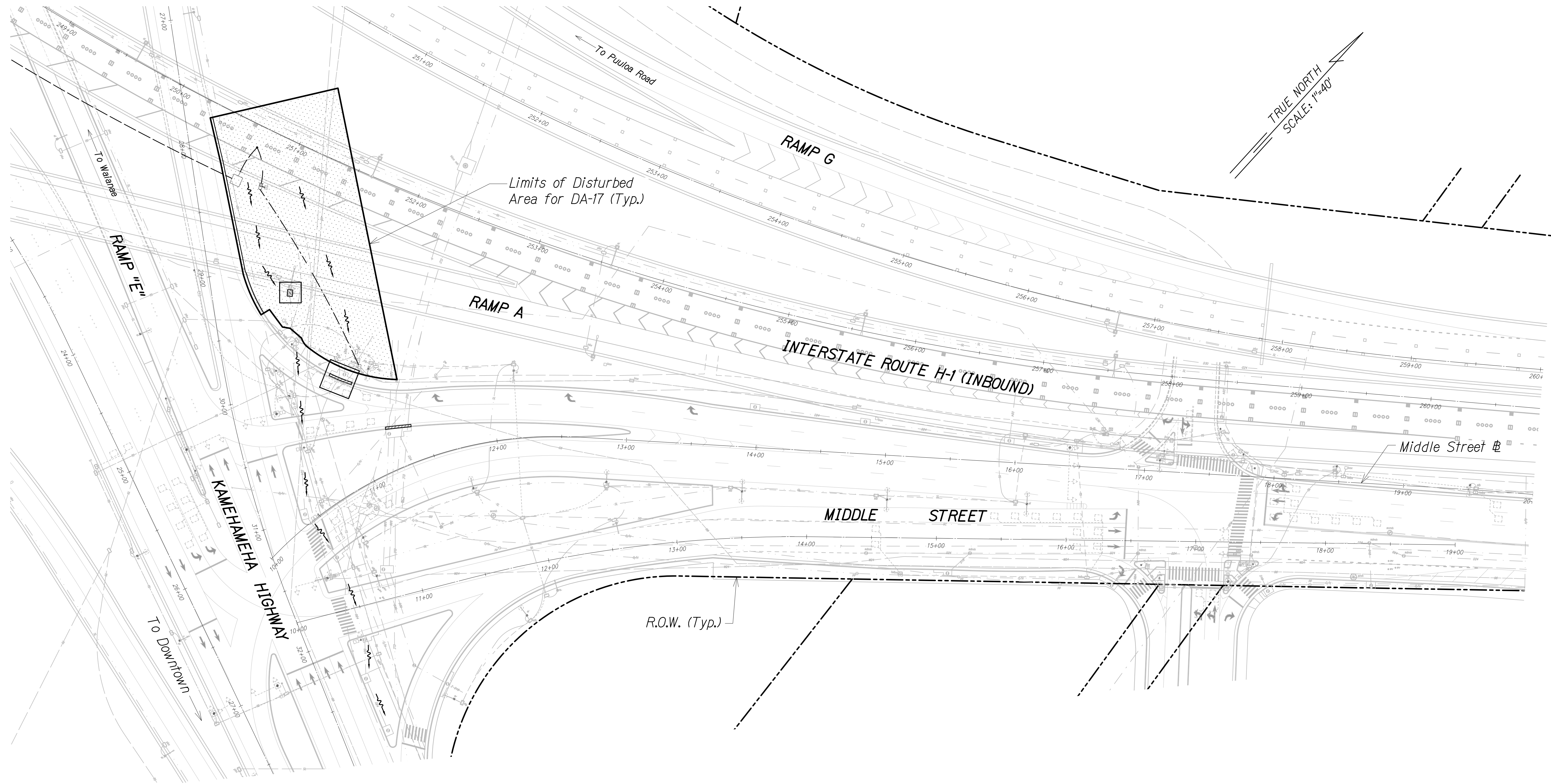
LEGEND:

- Flow Direction
- Storm Water Outlet Point
- Drain Inlet
- Disturbed Area

Notes:
See Outfall Map 50 For Discharge Point

FREEWAY MANAGEMENT SYSTEM, PHASE 3, UNIT 1 FEDERAL AID PROJECT NO. NH-0300(152)	AUSTIN, TSUTSUMI, & ASSOC., INC. ENGINEERS, SURVEYORS • HONOLULU, HAWAII	EXHIBIT
	DRAINAGE MAP DA-16 (STA. 15+00 TO STA. 16+50)	38

FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\39-DRAINAGE MAP - 17.DWG



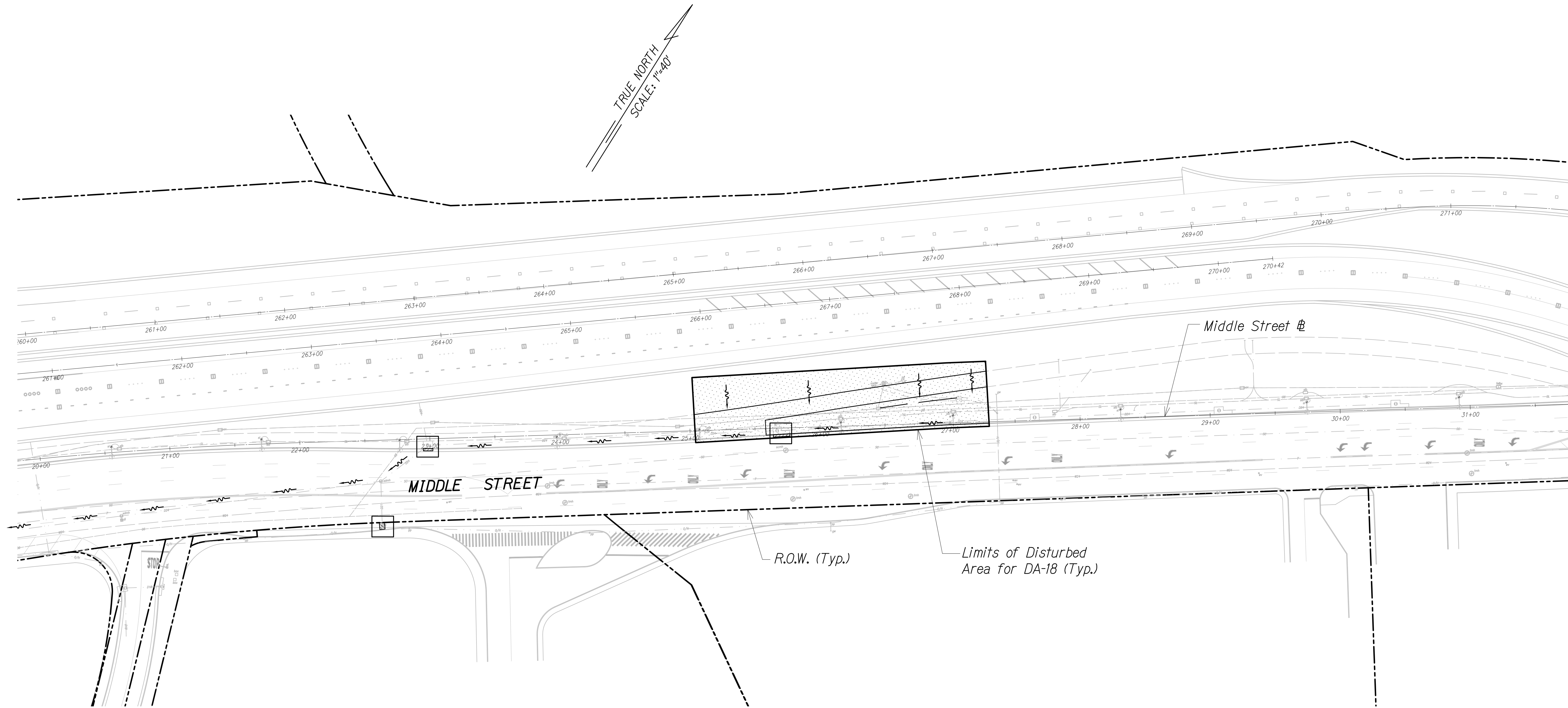
LEGEND:

- Flow Direction
- Storm Water Outlet Point
- Drain Inlet
- Disturbed Area

Notes:
See Outfall Map 51 For Discharge Point

FREEWAY MANAGEMENT SYSTEM, PHASE 3, UNIT 1 FEDERAL AID PROJECT NO. NH-0300(152)	AUSTIN, TSUTSUMI, & ASSOC., INC. ENGINEERS, SURVEYORS • HONOLULU, HAWAII	EXHIBIT
		39

FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\40-DRAINAGE MAP - 18.DWG



LEGEND:

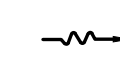
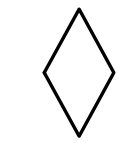
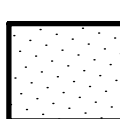
- Flow Direction
- Storm Water Outlet Point
- Drain Inlet
- Disturbed Area

Notes:
See Outfall Map 51 For Discharge Point

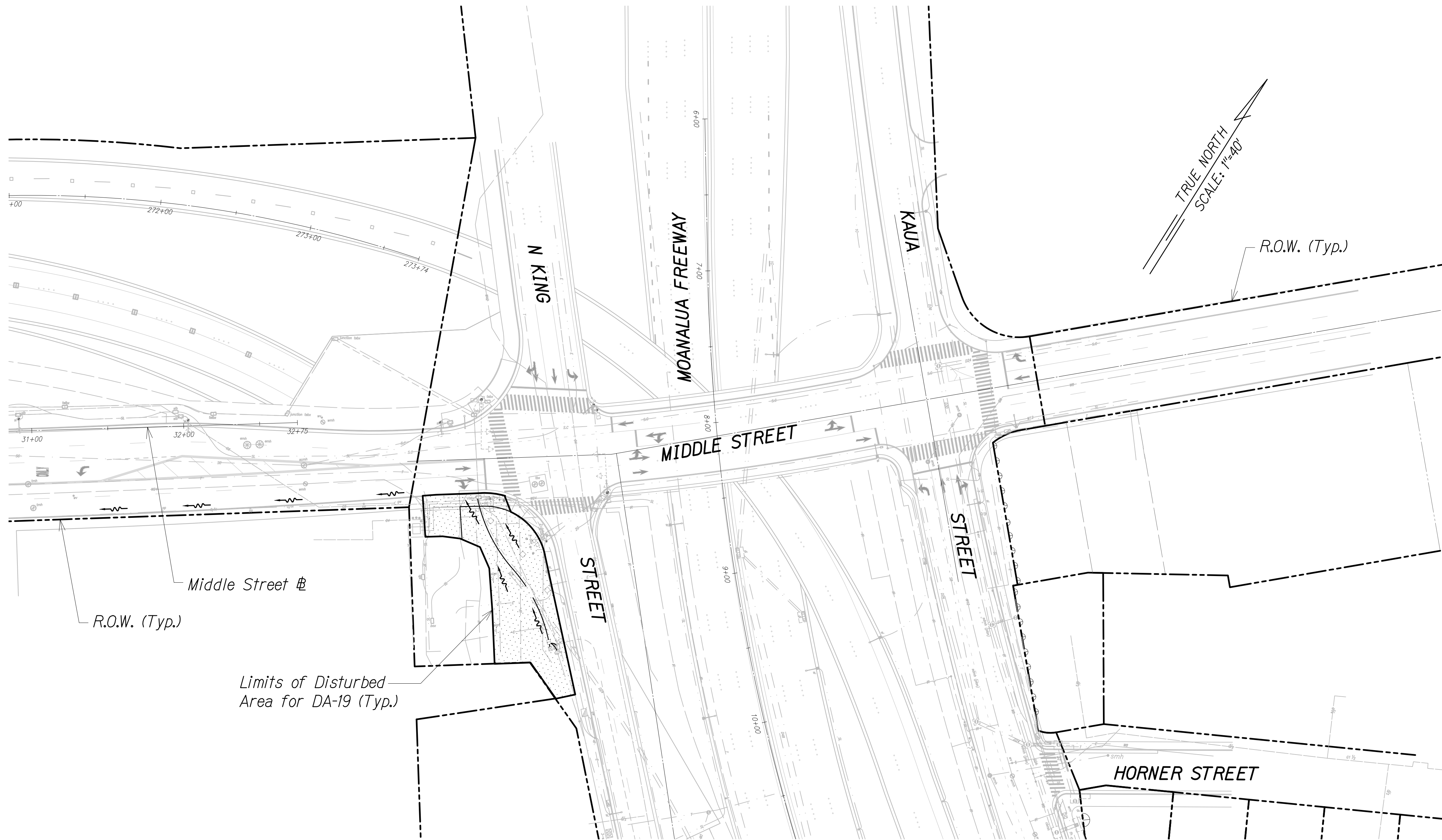
FREEWAY MANAGEMENT SYSTEM, PHASE 3, UNIT 1 FEDERAL AID PROJECT NO. NH-0300(152)	AUSTIN, TSUTSUMI, & ASSOC., INC. ENGINEERS, SURVEYORS • HONOLULU, HAWAII	EXHIBIT
	DRAINAGE MAP DA-18 (STA. 25+00 TO STA. 27+50)	40

FN: Z:\2019\19-890.1 (19-201 FMS PHASE 3_FP 1 UNIT 1) NK-ZEY\NPDES\EXHIBITS\2_DRAINAGE MAPS\41-DRAINAGE MAP - 19.DWG

LEGEND:

-  Flow Direction
-  Storm Water Outlet Point
-  Drain Inlet
-  Disturbed Area

Notes:
See Outfall Map 51 For Discharge Point



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

 AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII
DRAINAGE MAP
DA-19 (CABINET SITE)

EXHIBIT

41