

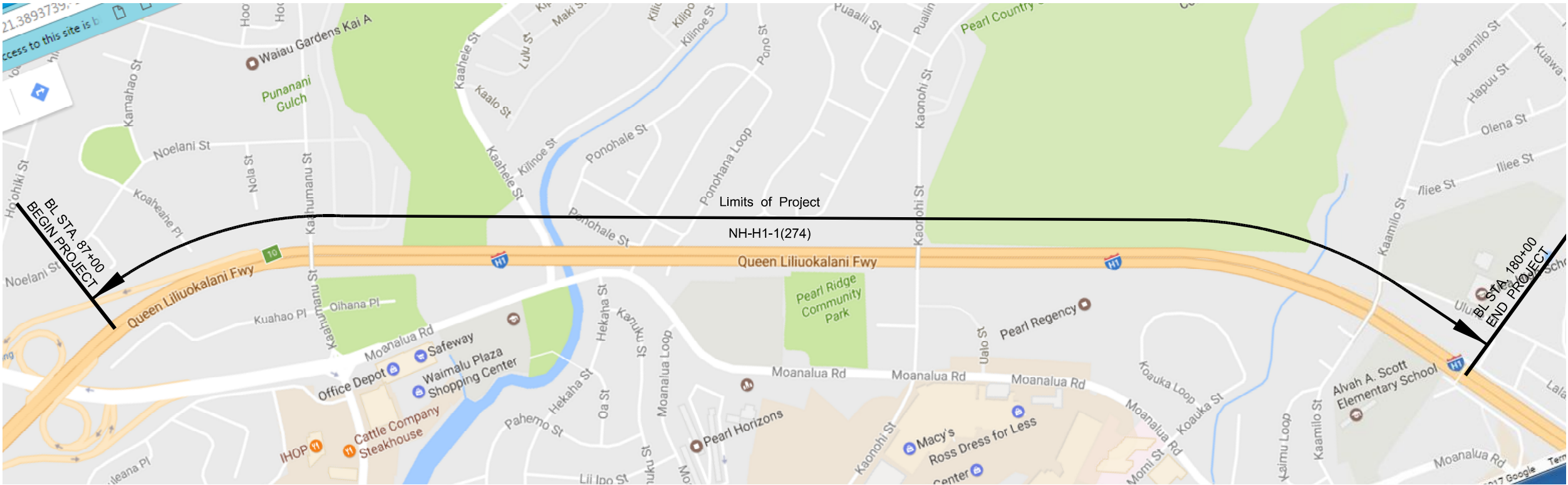
STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

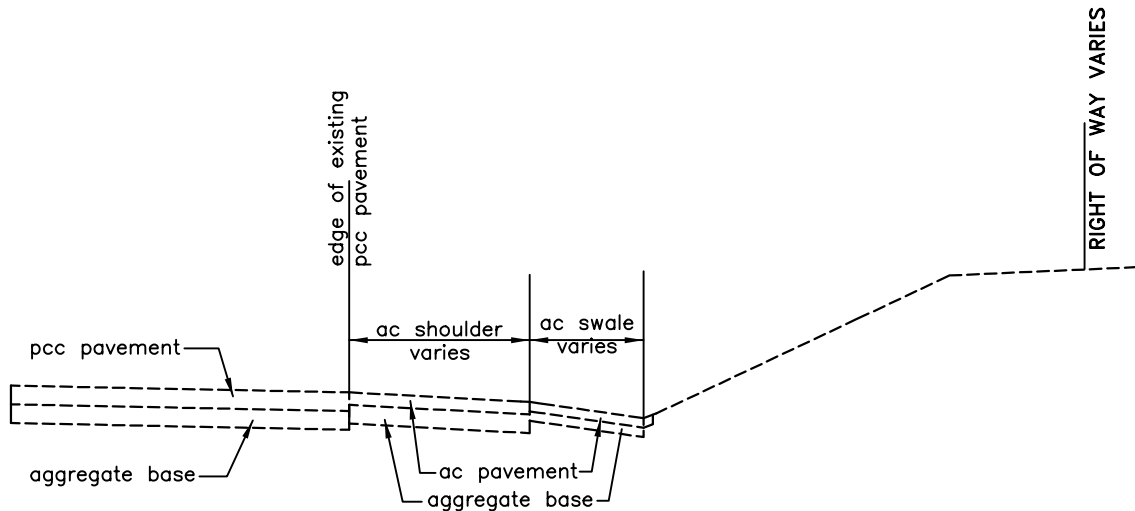
HIGHWAYS DIVISION
HONOLULU, HAWAII

INTERSTATE ROUTE H-1
SHOULDER WORK AND PORTLAND CEMENT
CONCRETE PAVEMENT REHABILITATION
VICINITY OF WAIMALU VIADUCT TO VICINITY OF HALAWA
FEDERAL AID PROJECT NO. NH-H1-1(274)

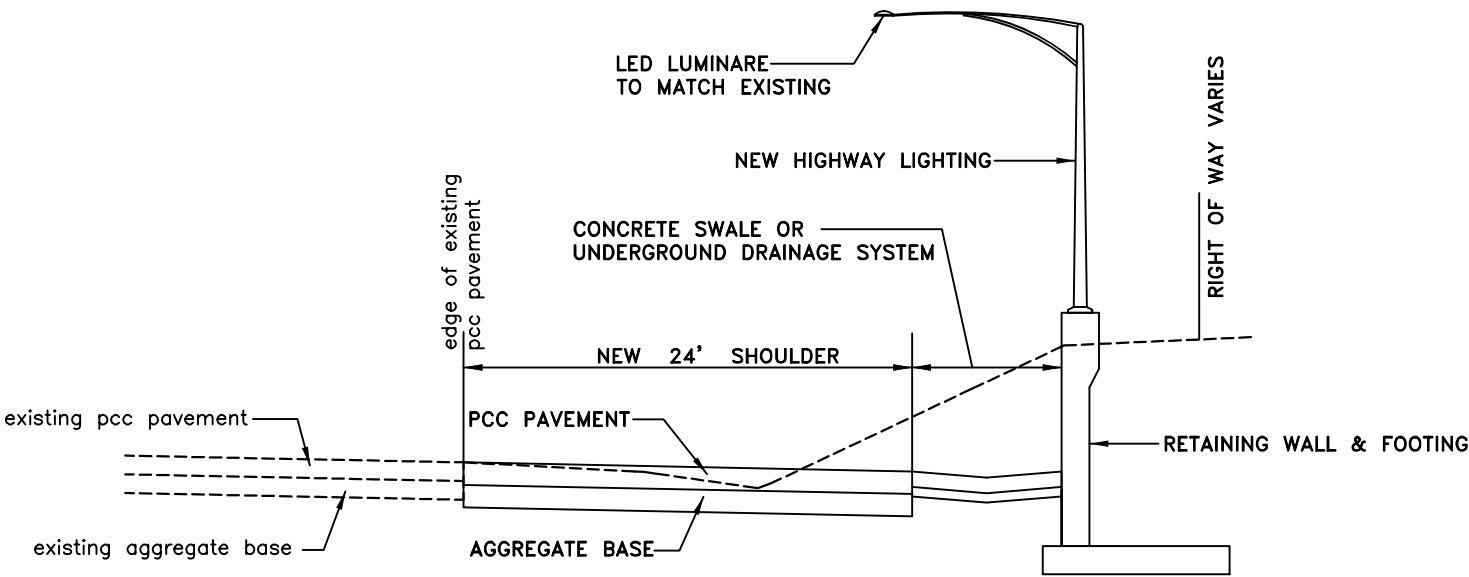
DISTRICT OF HONOLULU & EWA,
ISLAND OF OAHU



LAYOUT PLAN

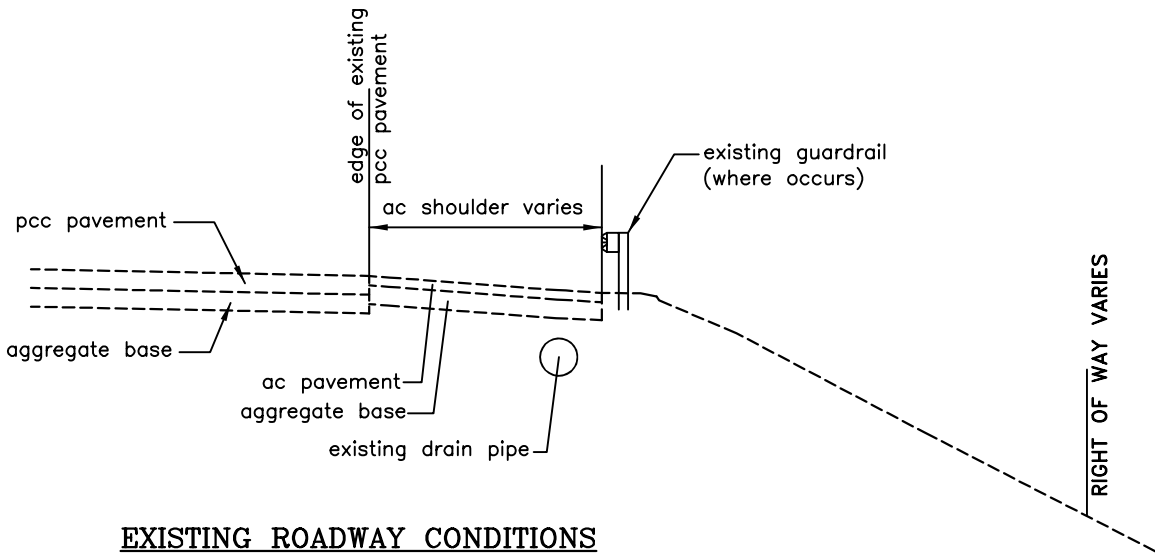


EXISTING ROADWAY CONDITIONS
AT AC SHOULDER AND SWALE
NTS

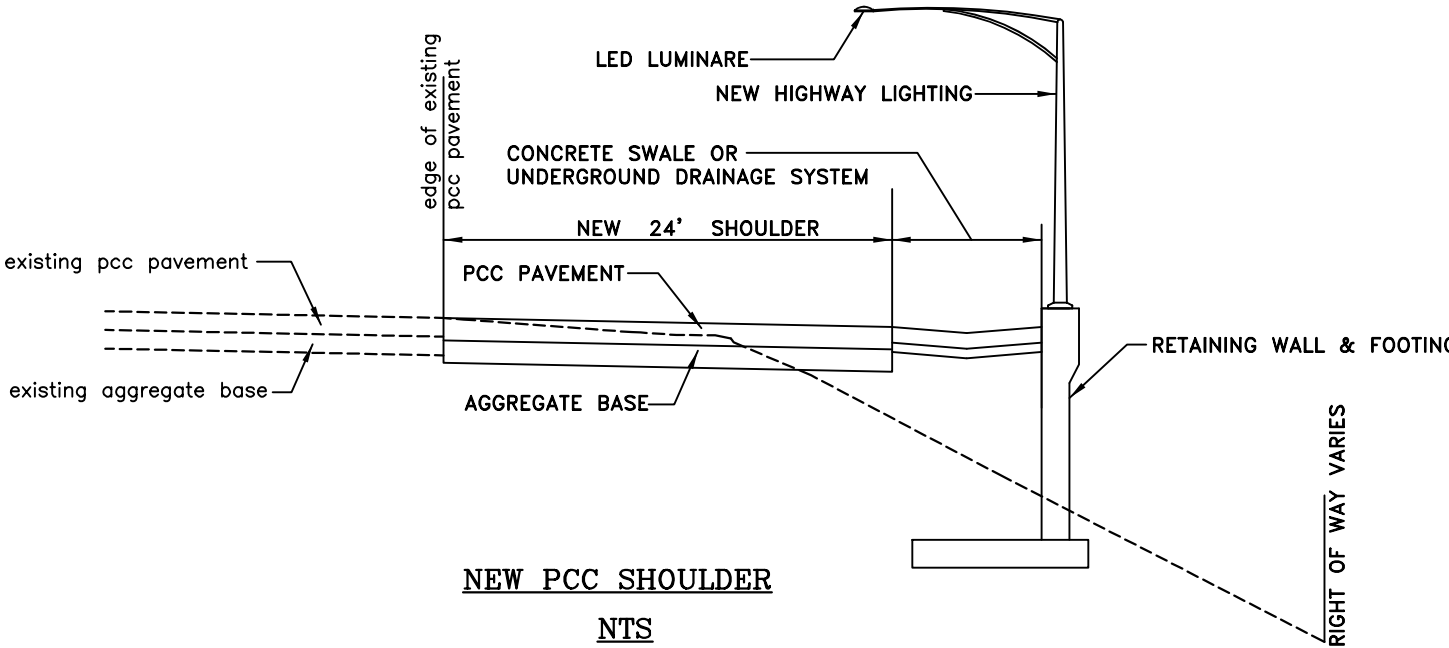


NEW PCC SHOULDER
NTS

H-1 FREEWAY
STA. 123+50 TO 179+00
NEW PCC SHOULDER CUT SECTION

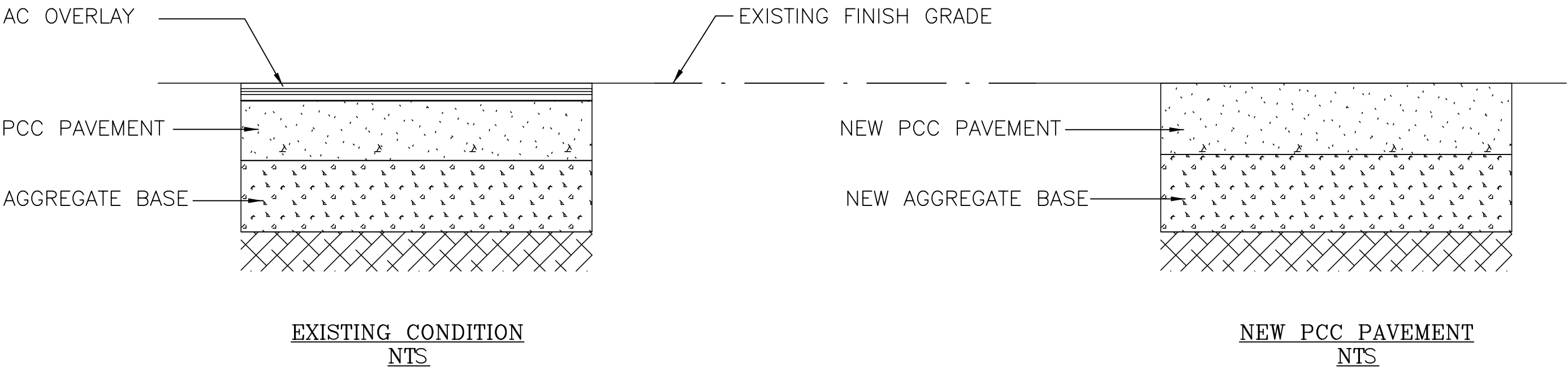


EXISTING ROADWAY CONDITIONS
AT AC SHOULDER AND DRAIN PIPE
NTS

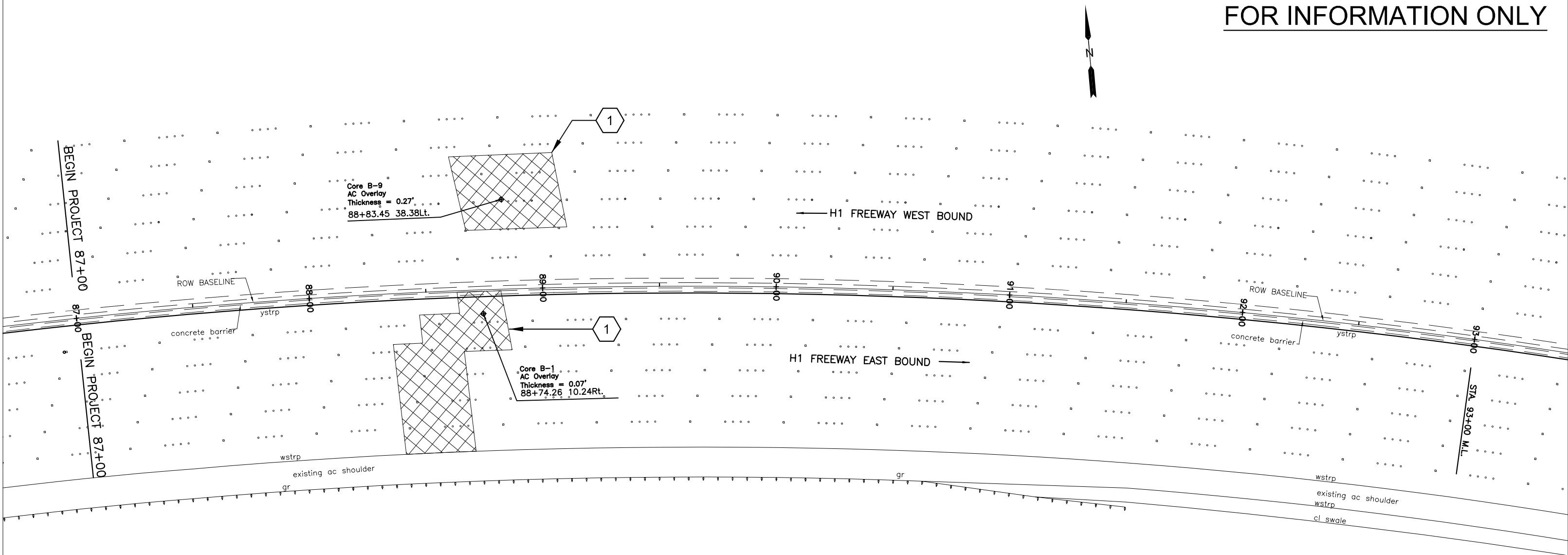


NEW PCC SHOULDER
NTS

H-1 FREEWAY
STA. 123+50 TO 179+00
NEW PCC SHOULDER FILL SECTION



PCC PAVEMENT REHABILITATION
NTS



LEGEND:

AC	ASHAPLT CONCRETE
CONC	CONCRETE
DRN	DRAIN INLET
EBOX	ELECTRIC BOX
EP	EDGE PAVEMENT
FNC	FENCE
GR	GUARDRAIL
GRND	GROUND SHOOT
HWYMON	HIGHWAY MONUMENT
LTBOX	LIGHT BOX
ROW	RIGHT OF WAY
SIGN	SIGN WITH POST
STLITE	STREET LIGHT
TOE	TOE SLOPE
TOP	TOP SLOPE
TRBOX	TRAFFIC SIGNAL BOX
WSTRP	WHITE STRIPE
WV	WATER VALVE
YSTRP	YELLOW STRIPE

NOTES:

- 1 REMOVE EXISTING AC OVERLAY AND PCC PAVEMENT
REPLACE WITH NEW PCC PAVEMENT.
- 2 NEW 24' WIDE PCC SHOULDER.
- 3 NEW DRAINAGE SYSTEM.
- 4 NEW RETAINING WALL OR SLOPE STABILIZATION SYSTEM.
- 5 REMOVE EXISTING HIGHWAY LIGHTING AND REPLACE WITH NEW.
- 6 RELOCATE AND RECONSTRUCT NEW
STATE HIGHWAY MONUMENTS.
- 7 REMOVE EXISTING DRAINAGE SYSTEM.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INTERSTATE ROUTE H-1
Shoulder Work and Portland Cement Concrete
Pavement Rehabilitation
Vicinity of Waimalu Viaduct to Vicinity of Halawa

HONOLULU & EWA, OAHU, HAWAII
FEDERAL AID PROJECT NO. NH-H1-1(274)
Date: February 22, 2017



LEGEND:

AC	ASHAPLT CONCRETE
CONC	CONCRETE
DRN	DRAIN INLET
EBOX	ELECTRIC BOX
EP	EDGE PAVEMENT
FNC	FENCE
GR	GUARDRAIL
GRND	GROUND SHOOT
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NOTES:

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REMOVE EXISTING AC OVERLAY AND PCC PAVEMENT
REPLACE WITH NEW PCC PAVEMENT.
- 2

NEW 24' WIDE PCC SHOULDER.
- 3

NEW DRAINAGE SYSTEM.
- 4

NEW RETAINING WALL OR SLOPE STABILIZATION SYSTEM.
- 5

REMOVE EXISTING HIGHWAY LIGHTING AND REPLACE WITH NEW.
- 6

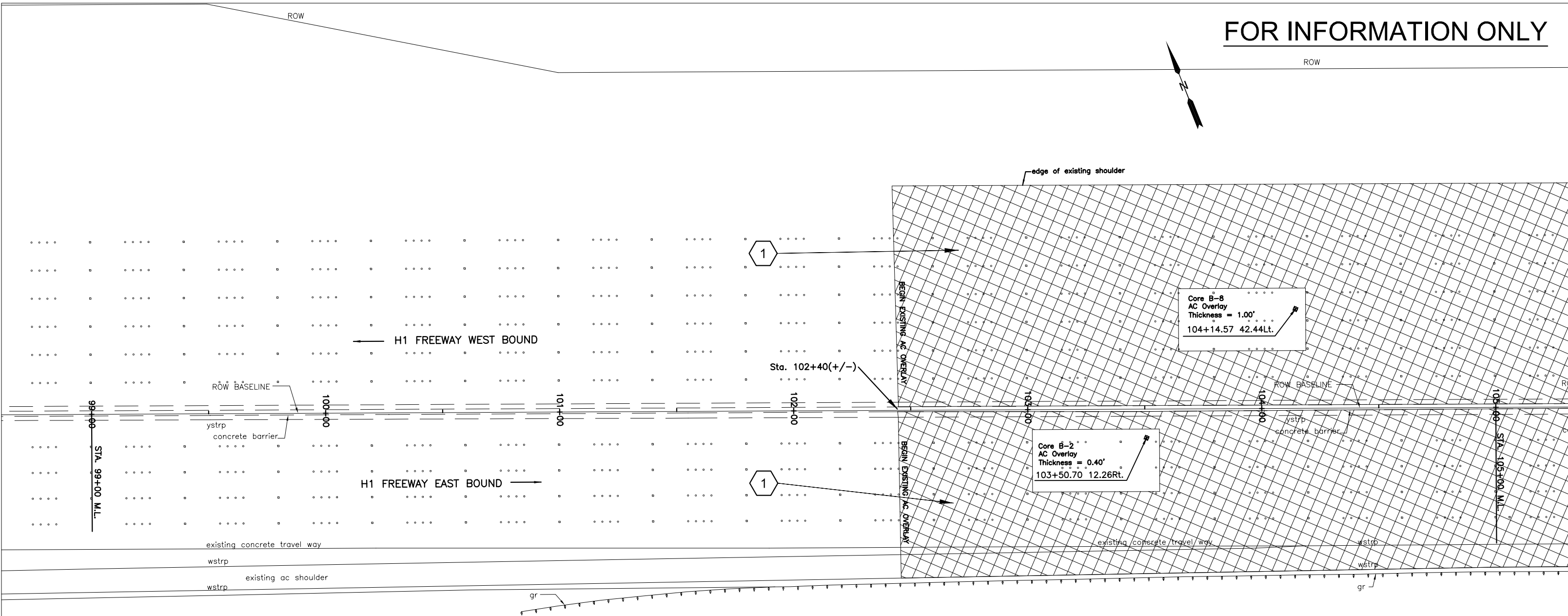
RELOCATE AND RECONSTRUCT NEW
STATE HIGHWAY MONUMENTS.
- 7

REMOVE EXISTING DRAINAGE SYSTEM.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INTERSTATE ROUTE H-1
Shoulder Work and Portland Cement Concrete
Pavement Rehabilitation
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HONOLULU & EWA, OAHU, HAWAII
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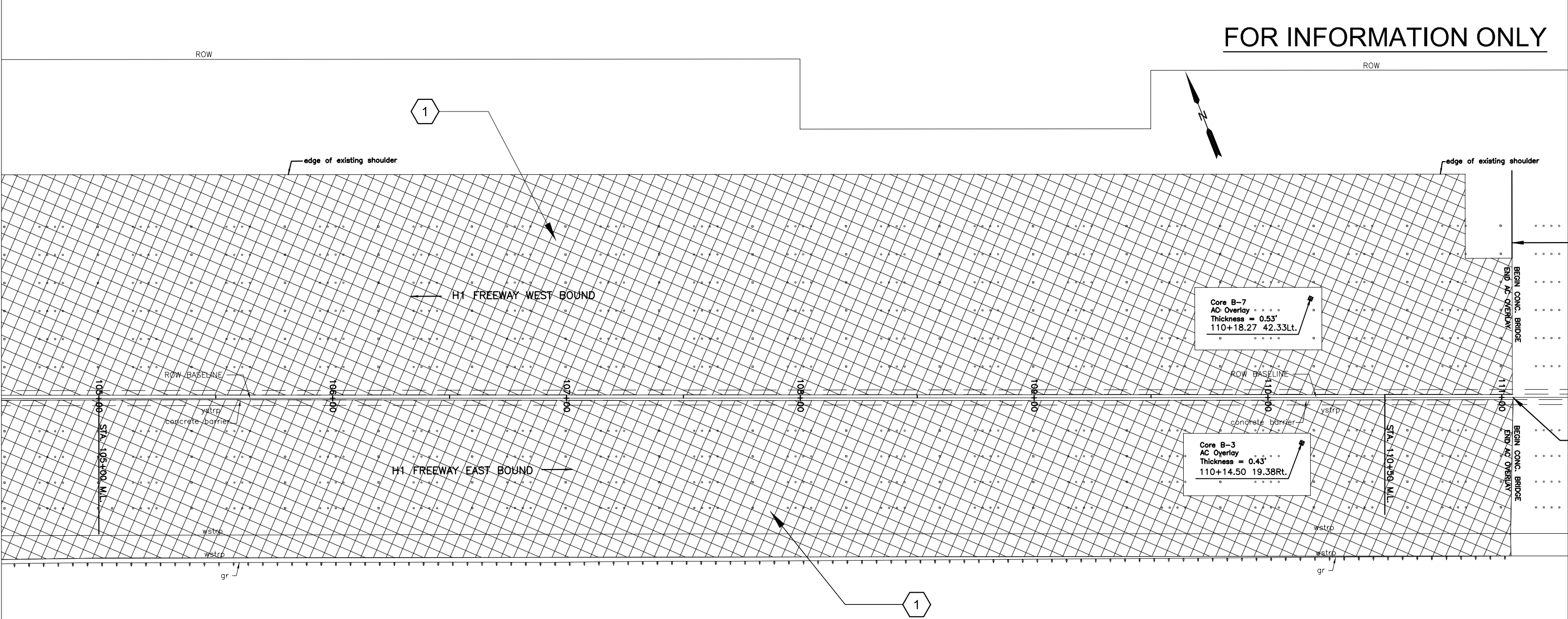
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HIGHWAYS DIVISION

INTERSTATE ROUTE H-1
Shoulder Work and Portland Cement Concrete
Pavement Rehabilitation
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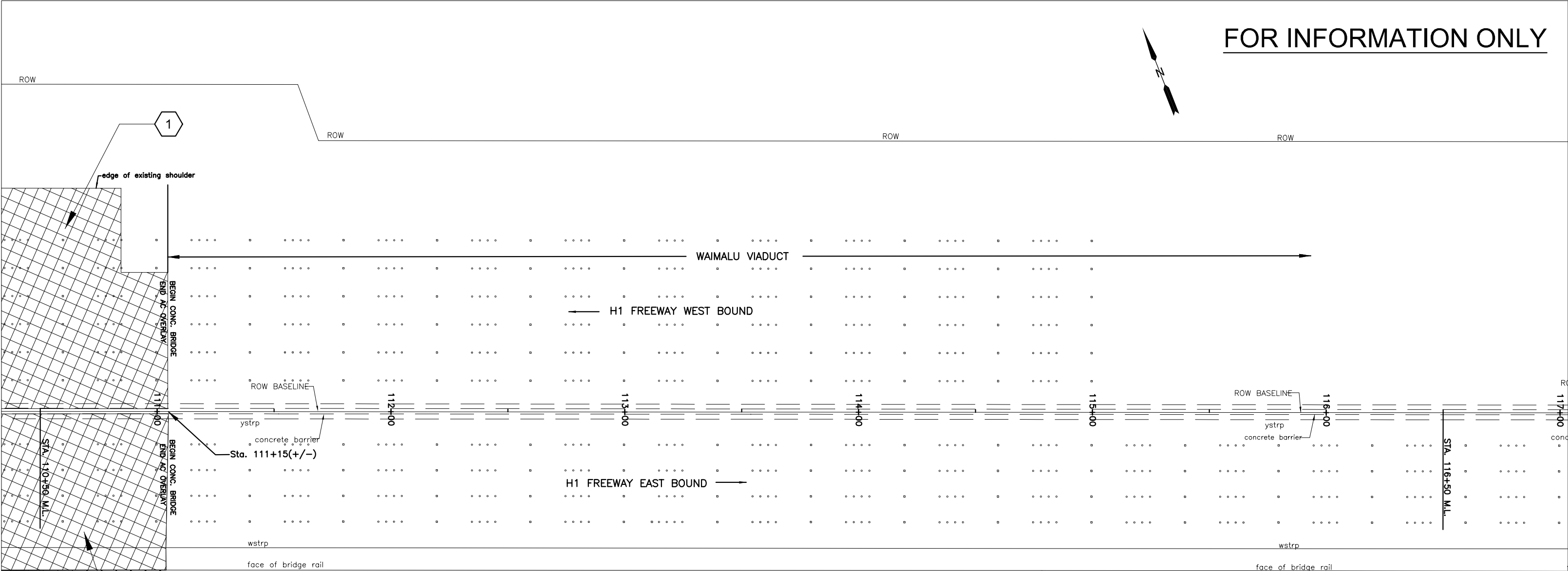
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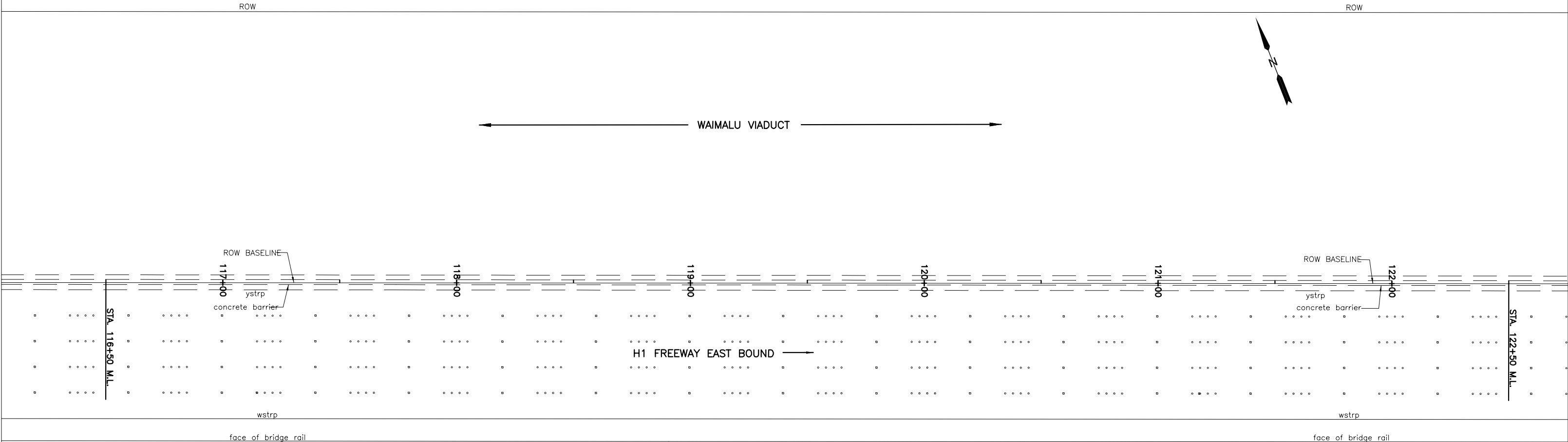
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Pavement Rehabilitation
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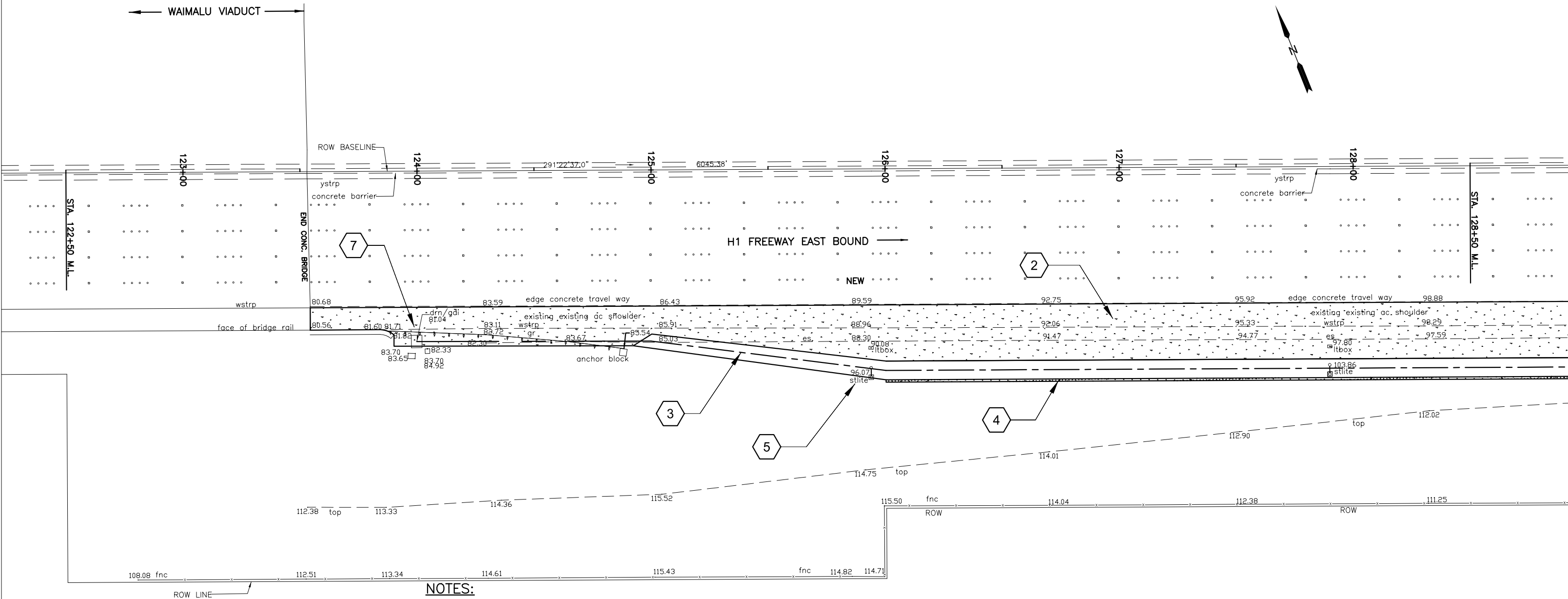
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HIGHWAYS DIVISION

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Pavement Rehabilitation
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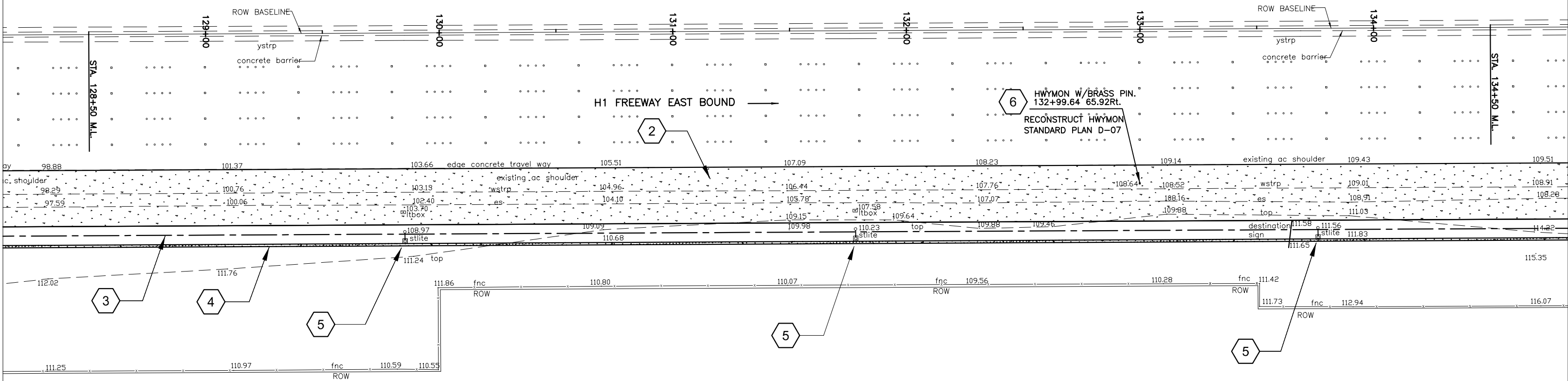
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INTERSTATE ROUTE H-1
Shoulder Work and Portland Cement Concrete
Pavement Rehabilitation
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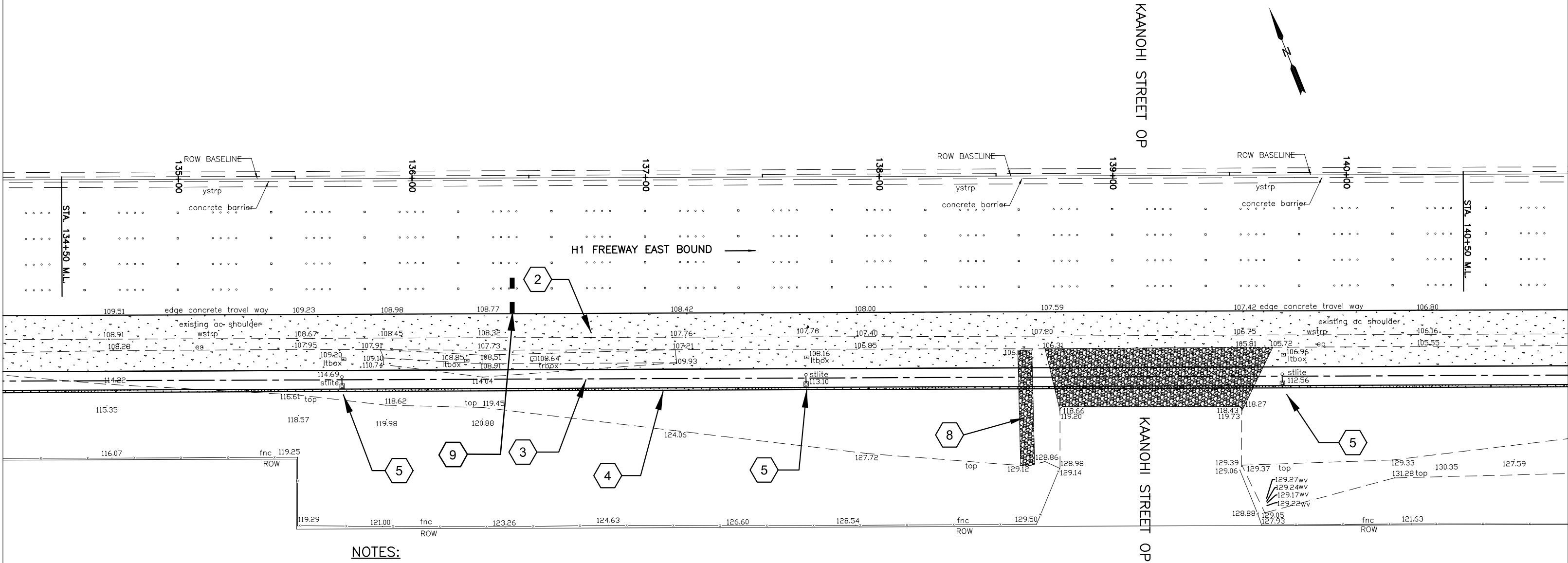
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INTERSTATE ROUTE H-1
Shoulder Work and Portland Cement Concrete
Pavement Rehabilitation
Vicinity of Waimalu Viaduct to Vicinity of Halawa

HONOLULU & EWA, OAHU, HAWAII
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REMOVE EXISTING DRAINAGE SYSTEM.
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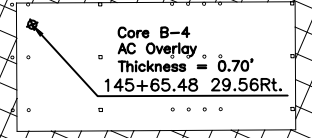
ADJUST/RELOCATE EXISTING WATERLINE.
- 9

REPLACE EXISTING WEIGH IN MOTION SENSORS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INTERSTATE ROUTE H-1
Shoulder Work and Portland Cement Concrete
Pavement Rehabilitation
Vicinity of Waimalu Viaduct to Vicinity of Halawa

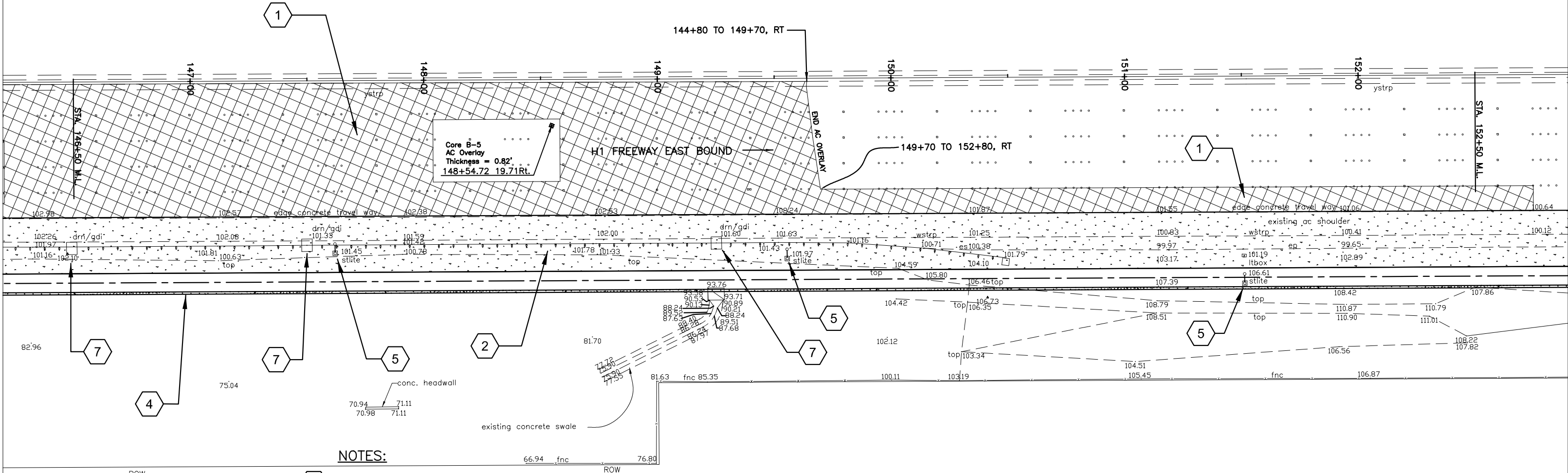
HONOLULU & EWA, OAHU, HAWAII
FEDERAL AID PROJECT NO. NH-H1-1(274)
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HONOLULU & EWA, OAHU, HAWAII
FEDERAL AID PROJECT NO. NH-H1-1(274)
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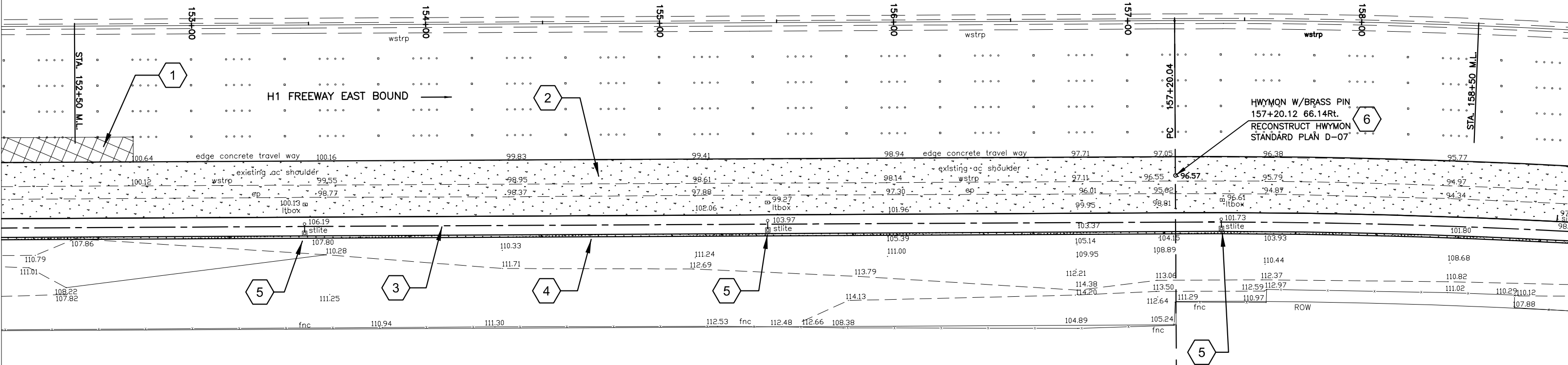
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INTERSTATE ROUTE H-1
Shoulder Work and Portland Cement Concrete
Pavement Rehabilitation
Vicinity of Waimalu Viaduct to Vicinity of Halawa

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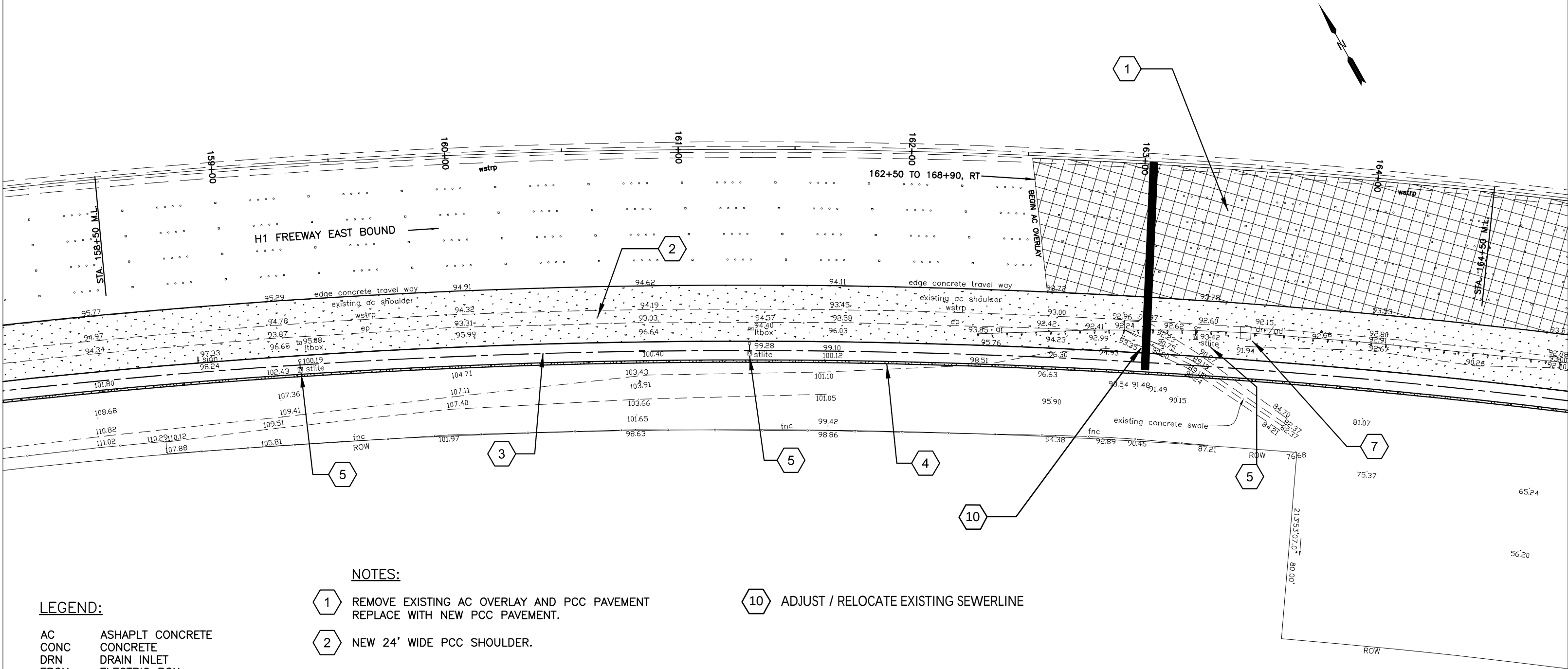
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NEW 24' WIDE PCC SHOULDER.
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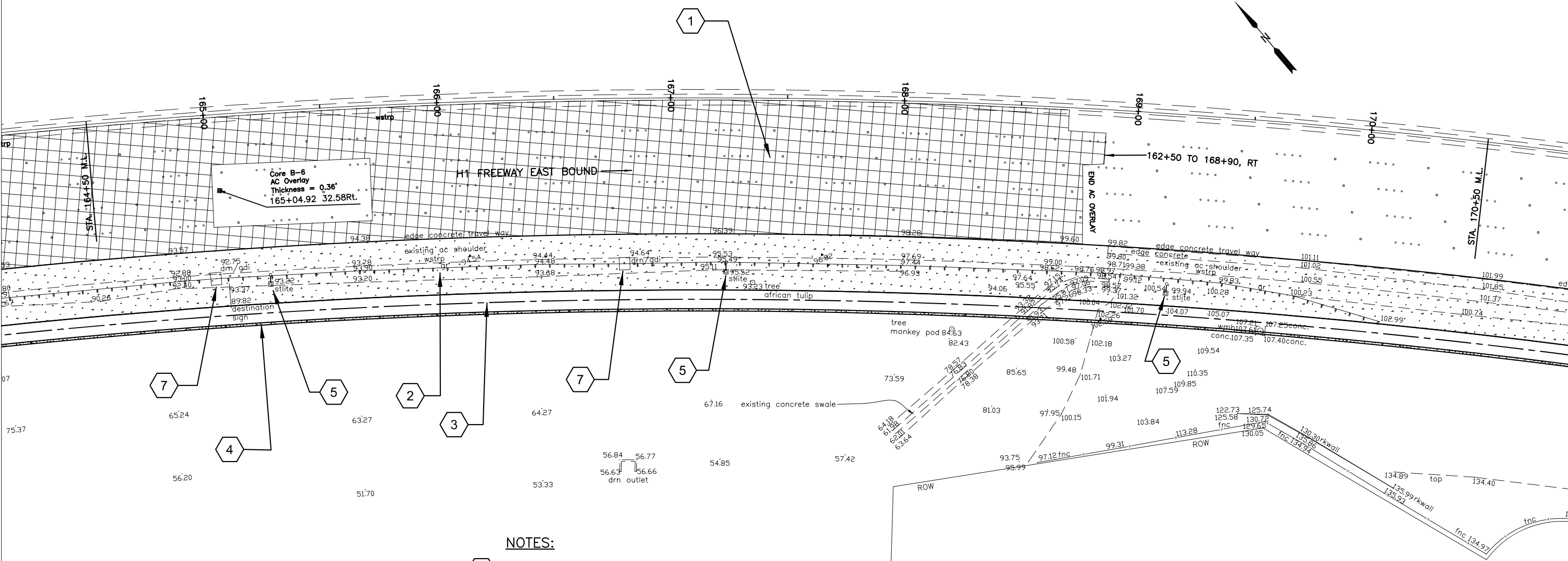
ADJUST/RELOCATE EXISTING WATERLINE.
- 10

ADJUST / RELOCATE EXISTING SEWERLINE

STATE OF HAWAII
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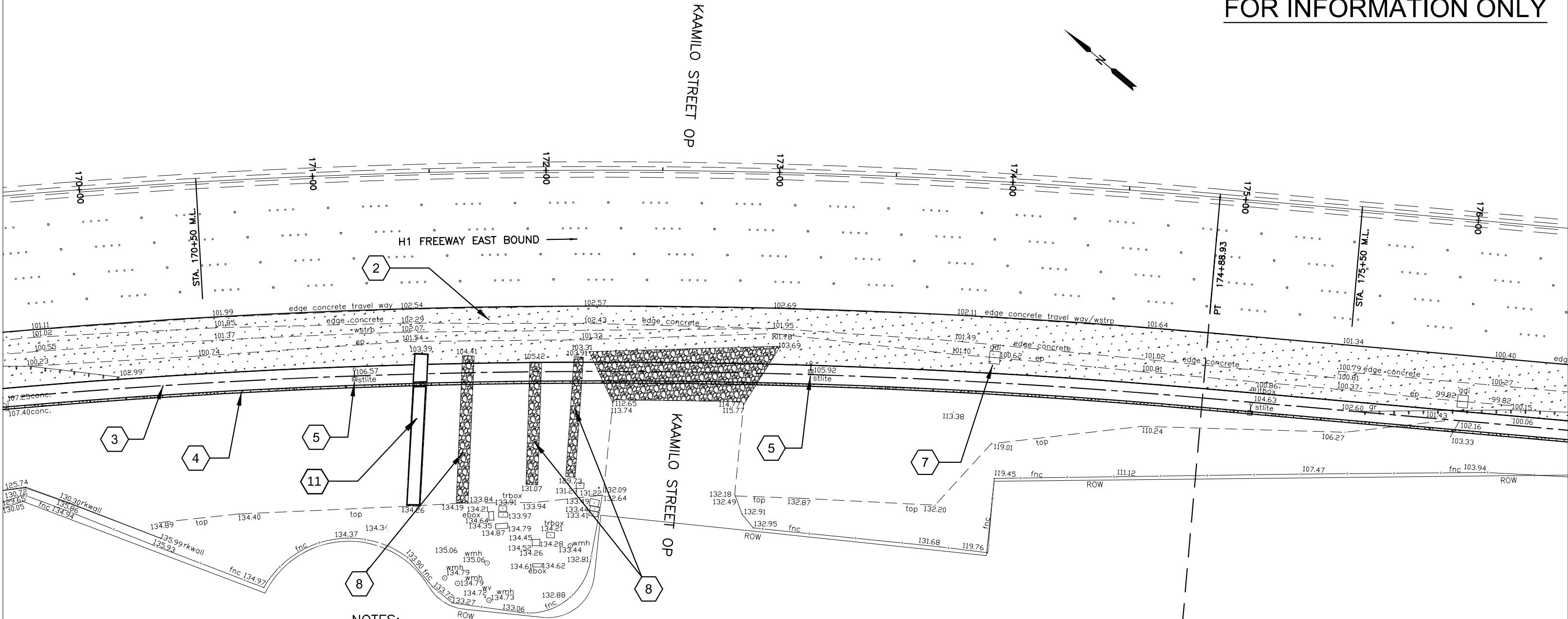
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STATE HIGHWAY MONUMENTS.
- 7 REMOVE EXISTING DRAINAGE SYSTEM.
- 8 ADJUST/RELOCATE EXISTING WATERLINE.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INTERSTATE ROUTE H-1
Shoulder Work and Portland Cement Concrete
Pavement Rehabilitation
Vicinity of Waimalu Viaduct to Vicinity of Halawa

HONOLULU & EWA, OAHU, HAWAII
FEDERAL AID PROJECT NO. NH-H1-1(274)
Date: February 15, 2017



LEGEND:

AC	ASHAPLT CONCRETE
CONC	CONCRETE
DRN	DRAIN INLET
EBOX	ELECTRIC BOX
EP	EDGE PAVEMENT
FNC	FENCE
GR	GUARDRAIL
GRND	GROUND SHOOT
HWYMON	HIGHWAY MONUMENT
LTBOX	LIGHT BOX
RKWall	ROCK WALL
ROW	RIGHT OF WAY
SIGN	SIGN WITH POST
STLITE	STREET LIGHT
TOE	TOE SLOPE
TOP	TOP SLOPE
TRBOX	TRAFFIC SIGNAL BOX
WSTRP	WHITE STRIPE
WV	WATER VALVE
YSTRP	YELLOW STRIPE

NOTES:

- 1

REMOVE EXISTING AC OVERLAY AND PCC PAVEMENT
REPLACE WITH NEW PCC PAVEMENT.
- 2

NEW 24' WIDE PCC SHOULDER.
- 3

NEW DRAINAGE SYSTEM.
- 4

NEW RETAINING WALL OR SLOPE STABILIZATION SYSTEM.
- 5

REMOVE EXISTING HIGHWAY LIGHTING AND REPLACE WITH NEW.
- 6

RELOCATE AND RECONSTRUCT NEW
STATE HIGHWAY MONUMENTS.
- 7

REMOVE EXISTING DRAINAGE SYSTEM.
- 8

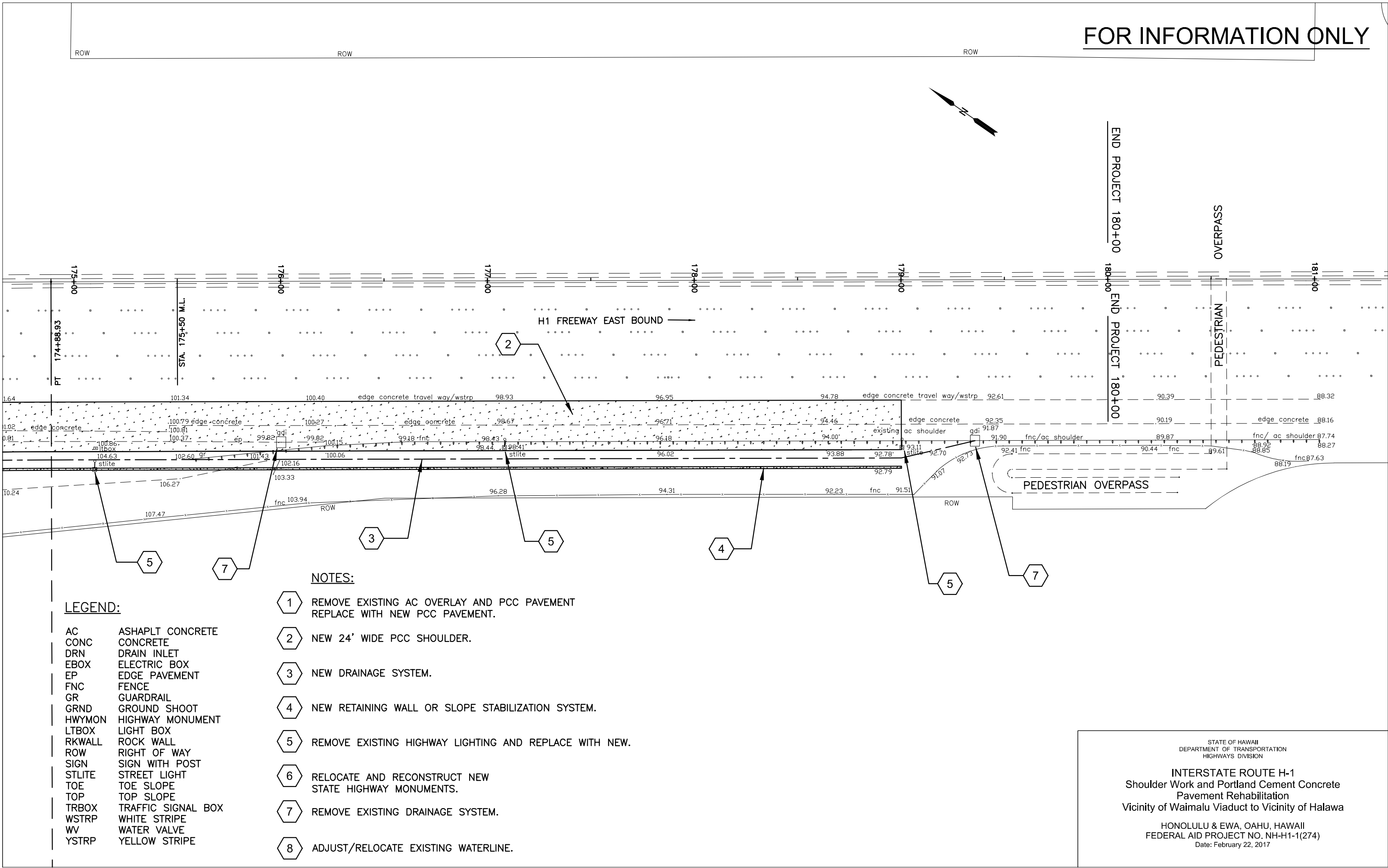
ADJUST/RELOCATE EXISTING WATERLINE.
- 11

ADJUST / RELOCATE EXISTING JOINT TRUNCKING CABLE

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SHEET SIZE : 11 x 18

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