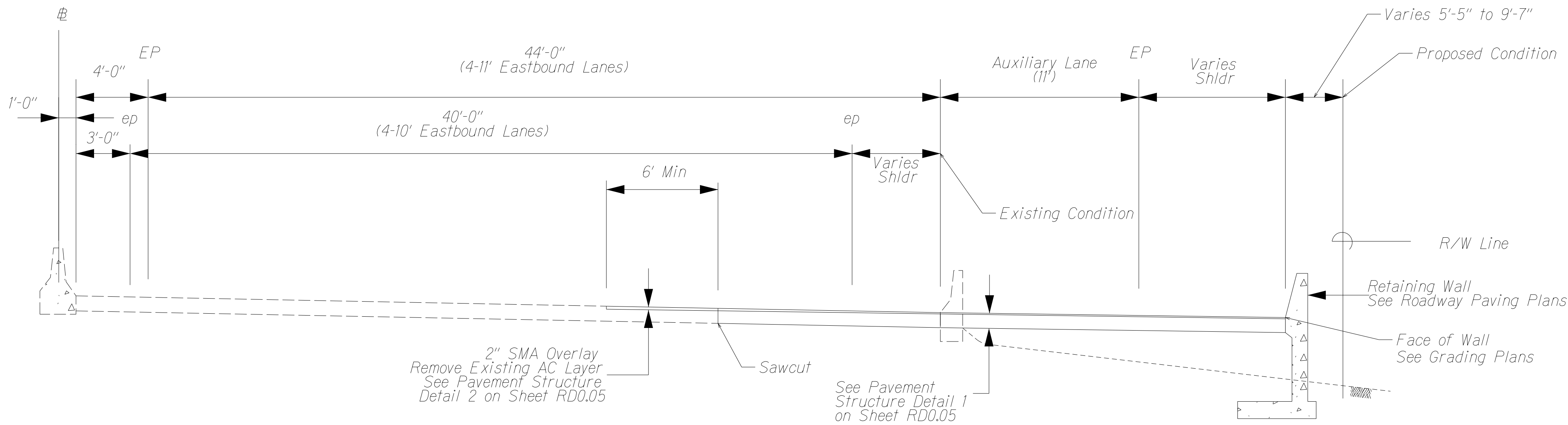
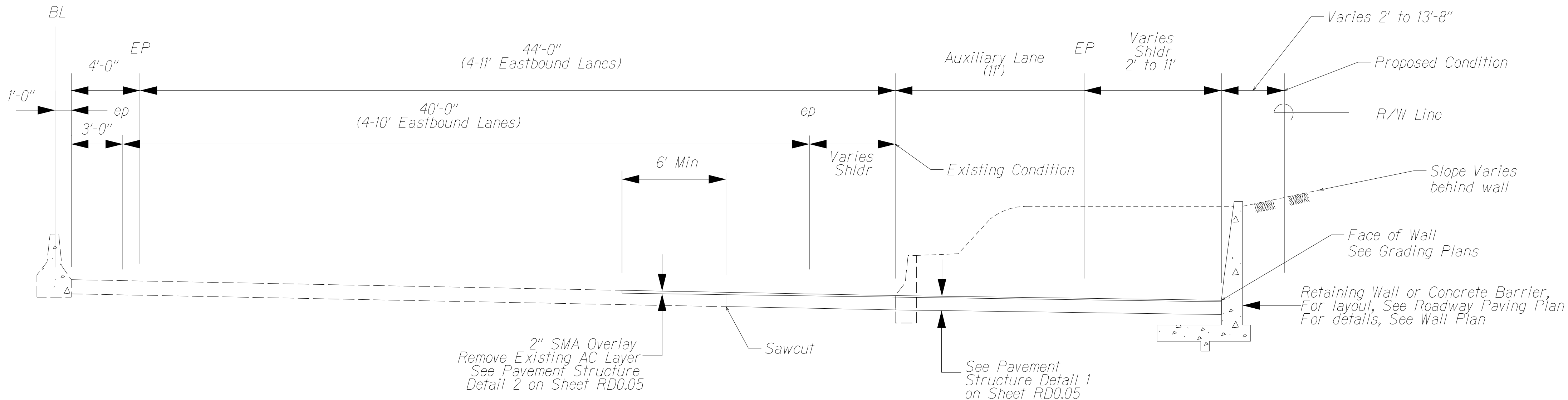


| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | NH-HI-1(280) | 2023 | 35 | 466 |



HI EASTBOUND TYPICAL FILL SECTION

Sta 30+83.41 To Sta 31+83
Sta 27+35 To Sta 29+34.50
Not to Scale



HI EASTBOUND TYPICAL CUT SECTION

Sta 36+03 To Sta 40+28
Sta 31+83 To Sta 35+28
Sta 19+06 To Sta 27+35
Not to Scale

| | |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY | |
| TRACED BY | |
| CHECKED BY | |
| ORIGINAL PLAN | |
| NOTE BOOK | |
| No. | |

DRAWING NAME: 419596_RoadwayTypicalSections-01.dwg PLOT TIME: 27-FEB-2023 10:42



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. "OBSERVATION OF CONSTRUCTION" SHALL BE AS DEFINED IN CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII, SUBCHAPTER 1, SECTION 16-115-2, DEFINITIONS.

JACOBS ENGINEERING GROUP INC.
LICENSE EXPIRES 04-30-24

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

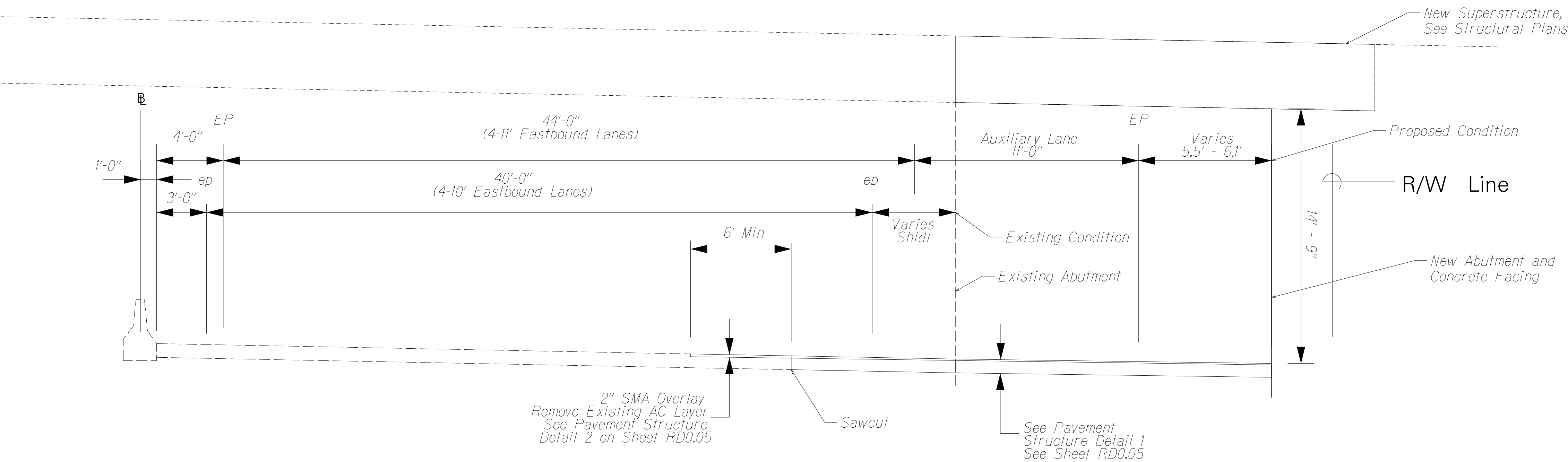
TYPICAL SECTIONS

INTERSTATE ROUTE HI (EB) IMPROVEMENTS
Ola Lane Overpass to Likelike Hwy Off-Ramp
Project No. NH-HI-1(280)

Scale: Not to Scale Date: Dec 2022

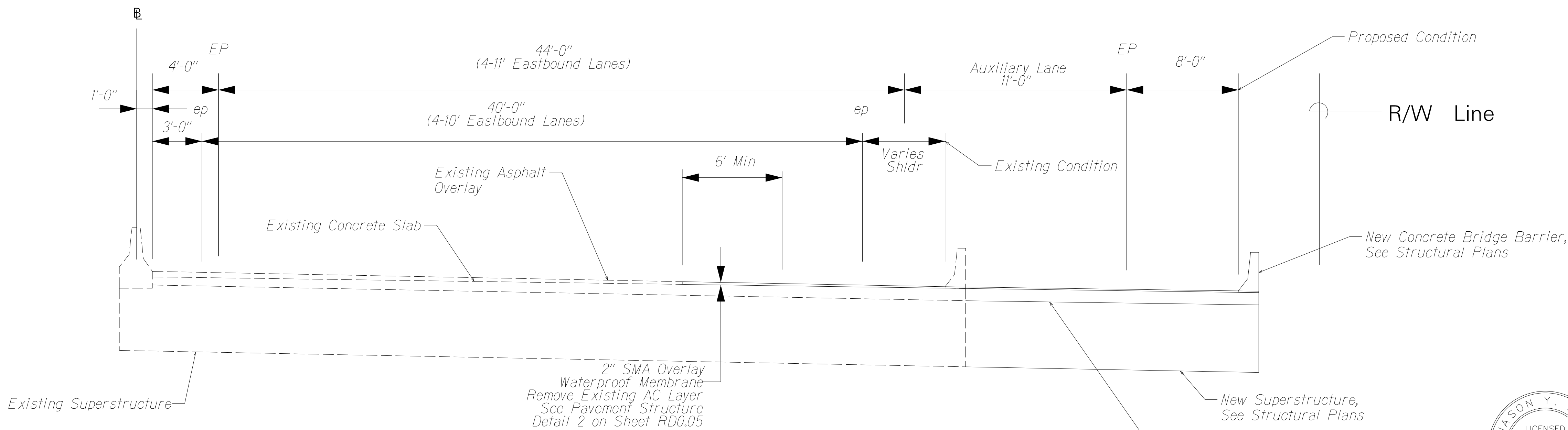
SHEET No. RD0.01 OF 5 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | NH-HI-1(280) | 2023 | 36 | 466 |



HI EASTBOUND TYPICAL BRIDGE SECTION

Underpass
Sta 35+28 To Sta 36+03
Not to Scale



HI EASTBOUND TYPICAL BRIDGE SECTION

Overpass
Sta 29+34.50 To Sta 30+77
Not to Scale

| | | |
|---------------|-------------------|------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE |
| NOTE BOOK | DRAWN BY | |
| No. | CHECKED BY | |

DRAWING NAME: 419596_RoadwayTypicalSections-02.dwg PLOT TIME: 27-FEB-2023 10:42



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. "OBSERVATION OF CONSTRUCTION" SHALL BE AS DEFINED IN CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII, SUBCHAPTER 1, SECTION 16-115-2, DEFINITIONS.

JACOB ENGINEERING GROUP INC.
LICENSE EXPIRES 04-30-24

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

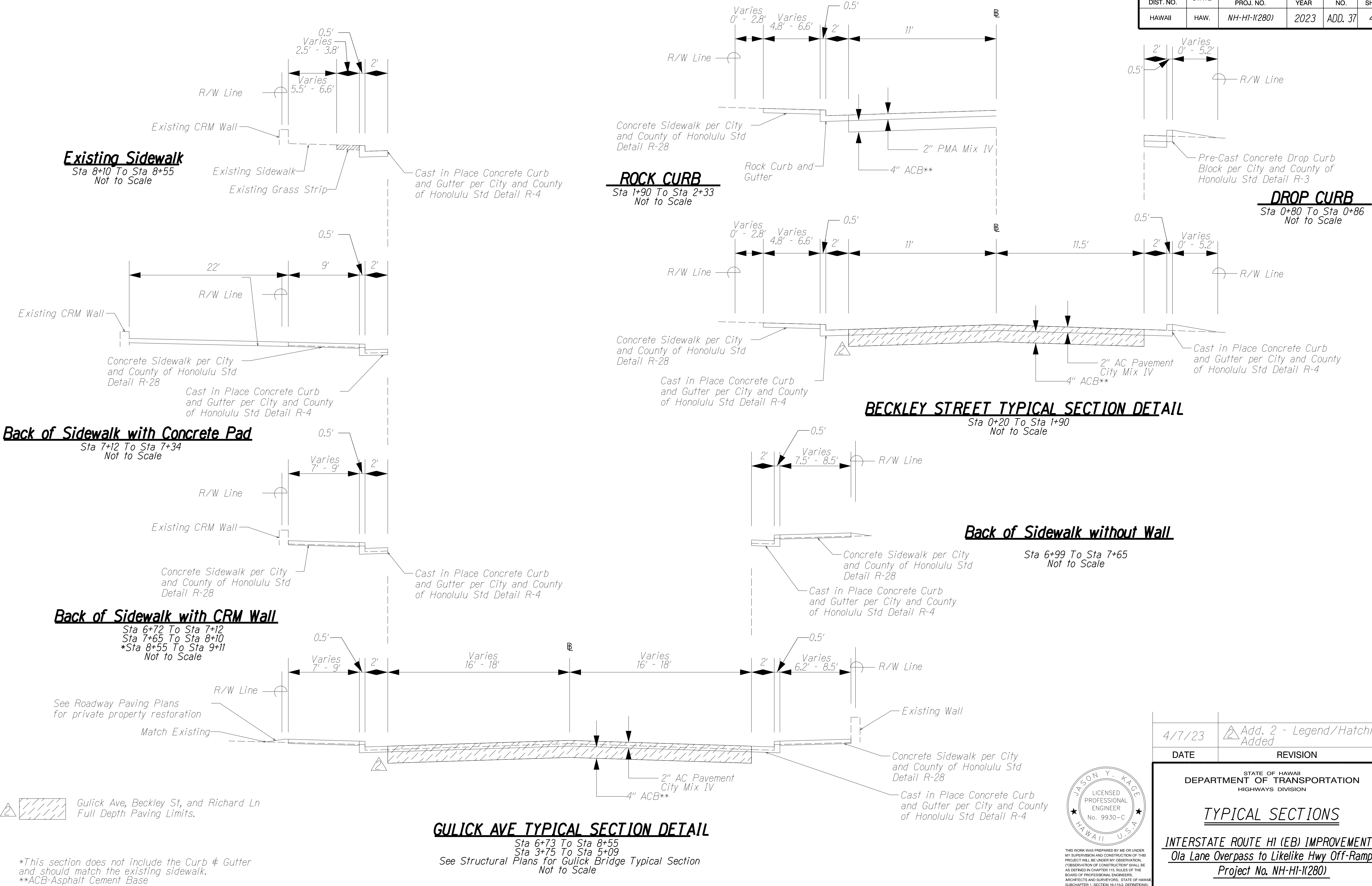
TYPICAL SECTIONS

INTERSTATE ROUTE HI (EB) IMPROVEMENTS
Ola Lane Overpass to Likelike Hwy Off-Ramp
Project No. NH-HI-1(280)

Scale: Not to Scale Date: Dec 2022

SHEET No. RD002 OF 5 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | NH-HI-1(280) | 2023 | ADD. 37 | 466 |



DRAWING NAME: 419596_RoadwayTypicalSections-03.dwg
PLOT TIME: 17-APR-2023 15:01

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| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE |
| NOTE BOOK | DRAWN BY | |
| No. | CHECKED BY | |

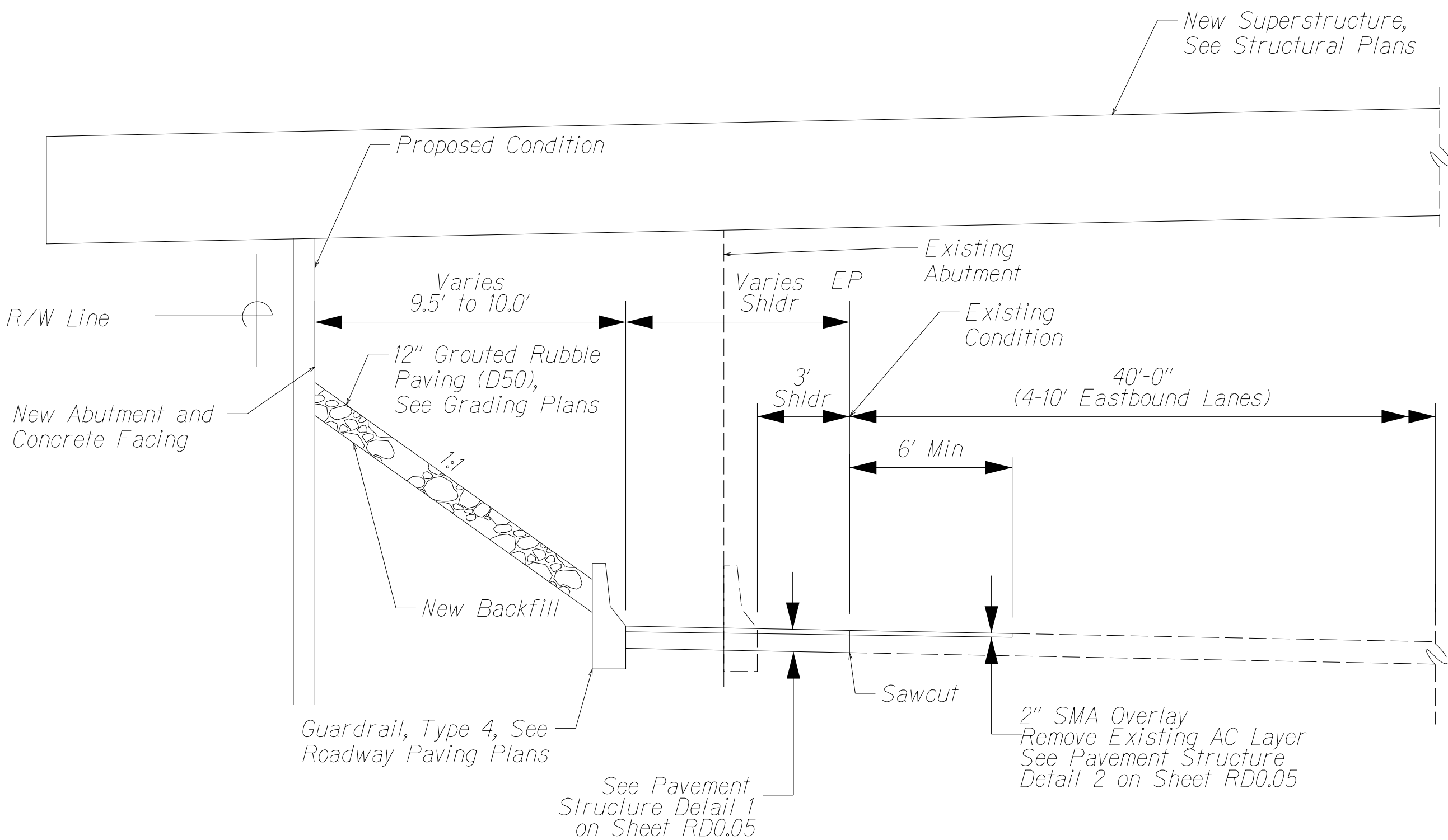


THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. "OBSERVATION OF CONSTRUCTION" SHALL BE AS DEFINED IN CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII, SUBCHAPTER 1, SECTION 16-115-2, DEFINITIONS.

JACOBS ENGINEERING GROUP INC.
LICENSE EXPIRES 04-30-24

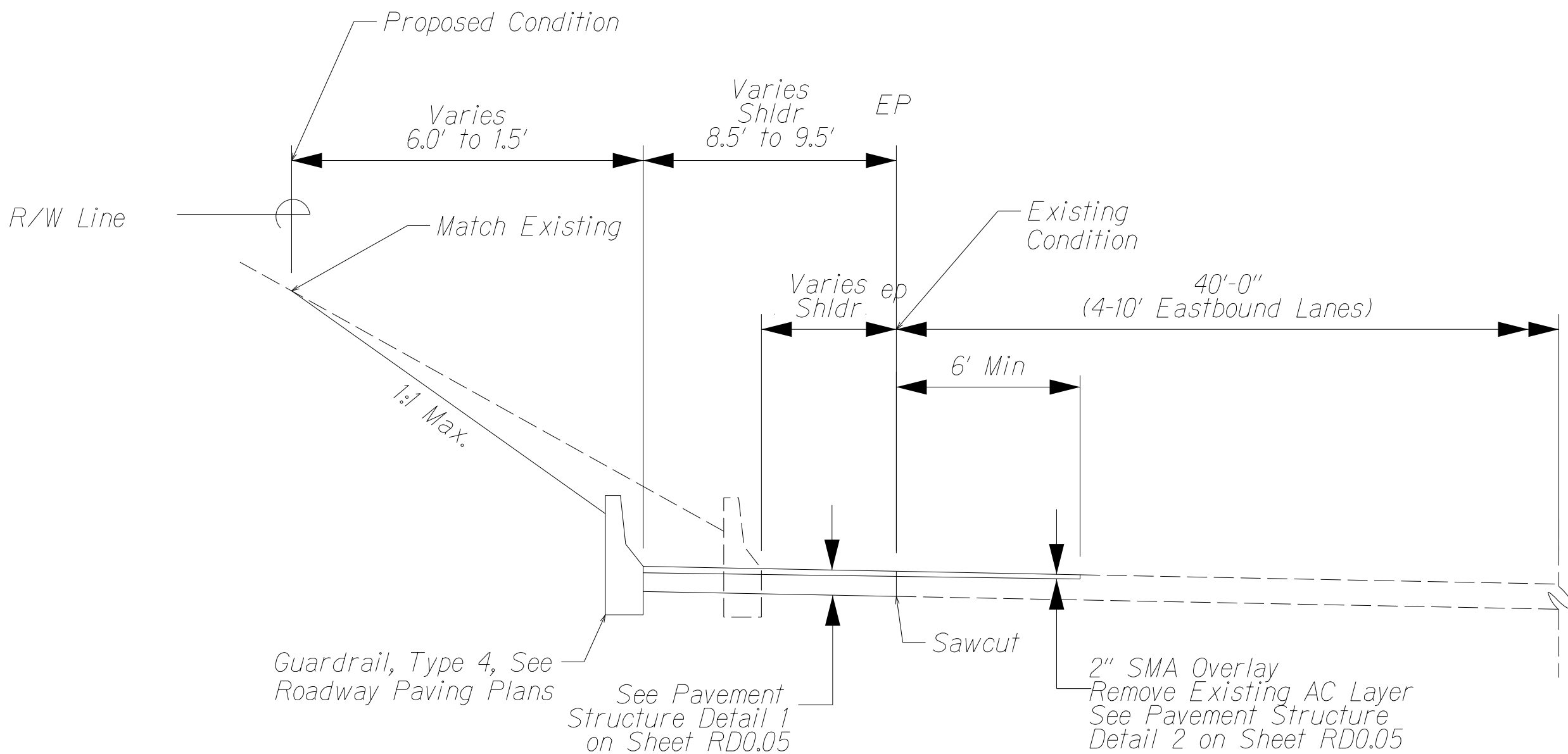
| 4/7/23 | △ Add. 2 - Legend/Hatching Added |
|--|----------------------------------|
| DATE | REVISION |
| STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION | |
| TYPICAL SECTIONS | |
| INTERSTATE ROUTE HI (EB) IMPROVEMENTS | |
| Ola Lane Overpass to Likelike Hwy Off-Ramp | |
| Project No. NH-HI-1(280) | |
| Scale: Not to Scale | Date: Dec 2022 |
| SHEET No. RD003 OF 5 SHEETS | |

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | NH-HI-1(280) | 2023 | ADD. 38 | 466 |



HI WESTBOUND SHOULDER WIDENING AT GULICK BRIDGE SECTION

Sta 36+13 To Sta 36+76
Not to Scale

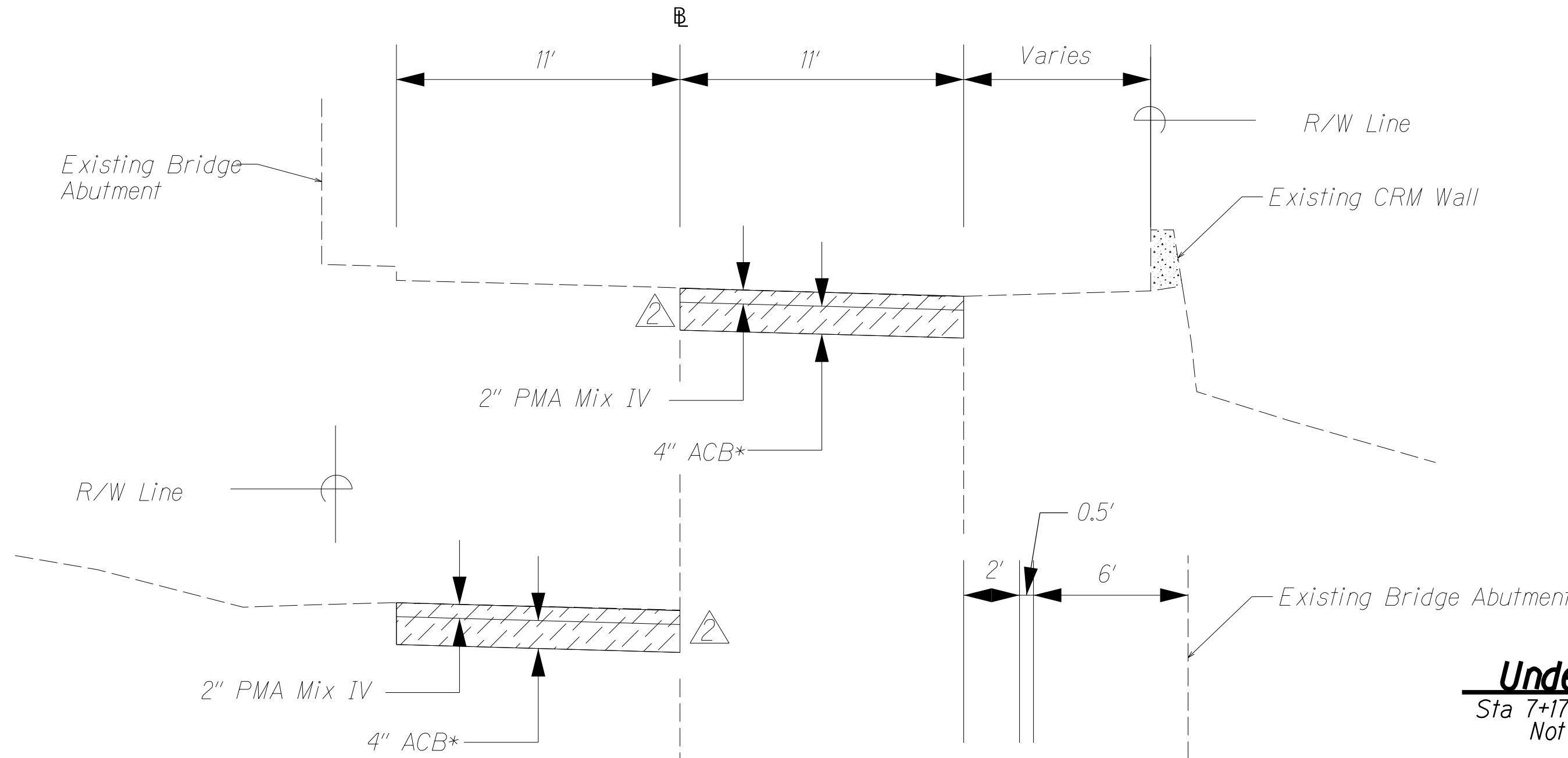


HI WESTBOUND SHOULDER WIDENING AT GULICK BRIDGE SECTION

Sta 36+76 To Sta 38+08
Sta 35+20 To Sta 36+13
Not to Scale

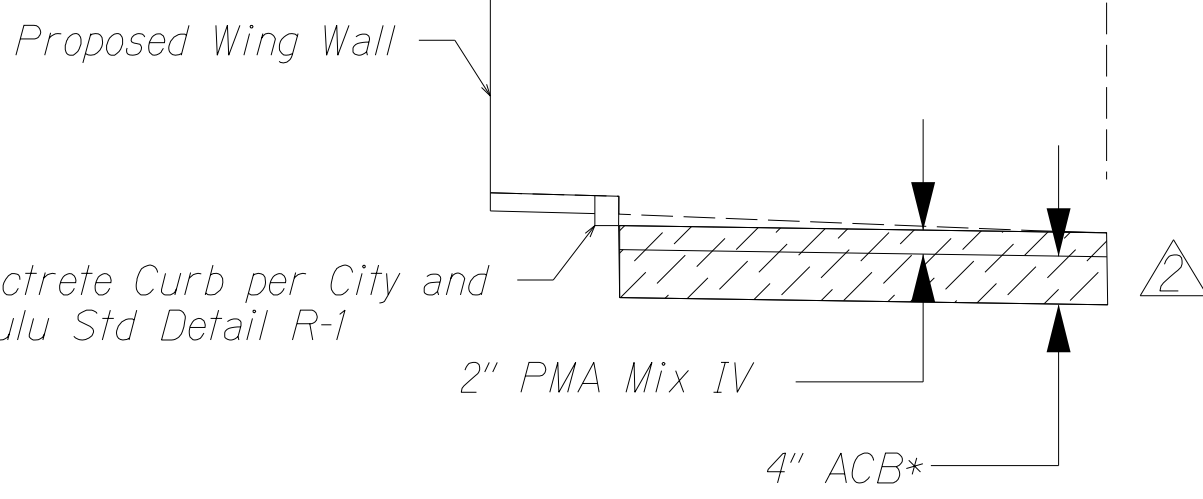
Gulick Ave, Beckley St, and Richard Ln
Full Depth Paving Limits.

*ACB=Asphalt Cement Base



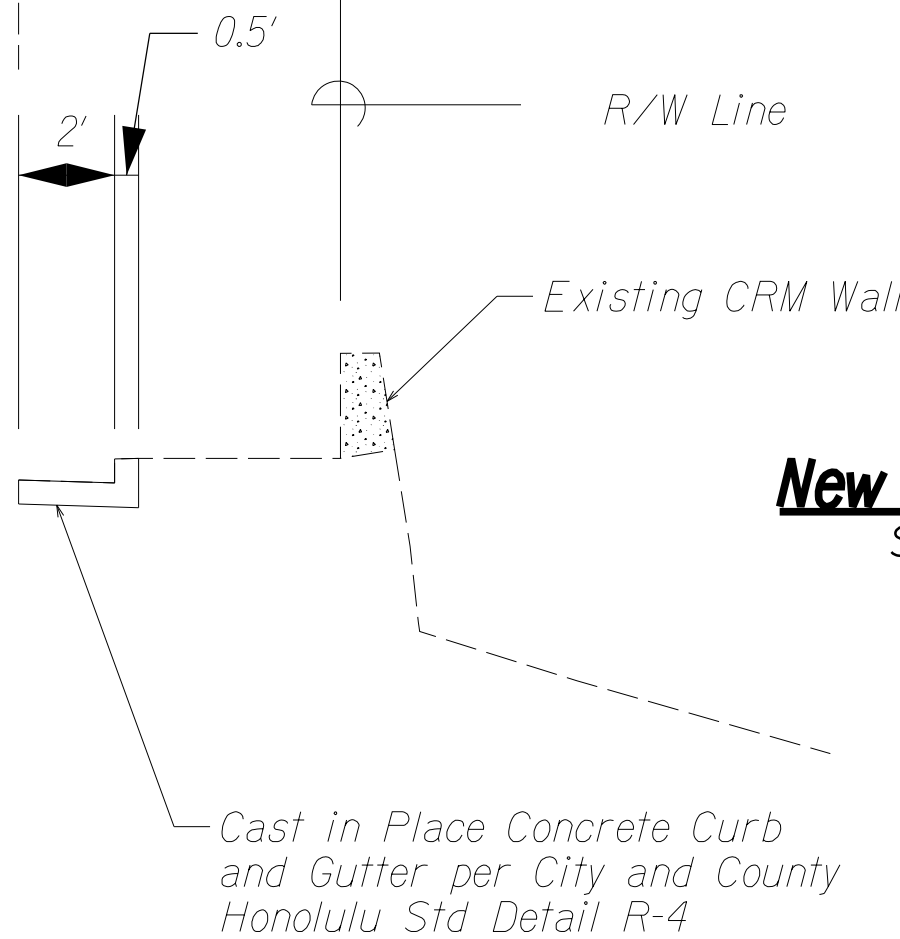
Full Width Paving

Sta 8+80 To Sta 9+05
Sta 5+50 To Sta 6+40
Not to Scale



Regrade Paving

Sta 6+74 To Sta 7+07
Not to Scale



Underpass

Sta 7+17 To Sta 8+65
Not to Scale

New Curb and Gutter

Sta 8+91 To Sta 9+05
Not to Scale

RICHARD LANE TYPICAL SECTION DETAIL

Sta 5+50 To Sta 9+05
Not to Scale



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. I CERTIFY THAT I AM A LICENSED PROFESSIONAL ENGINEER, ARCHITECTS AND SURVEYORS, STATE OF HAWAII, SUBCHAPTER 1, SECTION 16-115-2, DEFINITIONS.

JACOBS ENGINEERING GROUP INC.
LICENSE EXPIRES 04-30-24

4/7/23 Add. 2 - Legend/Hatching Added

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

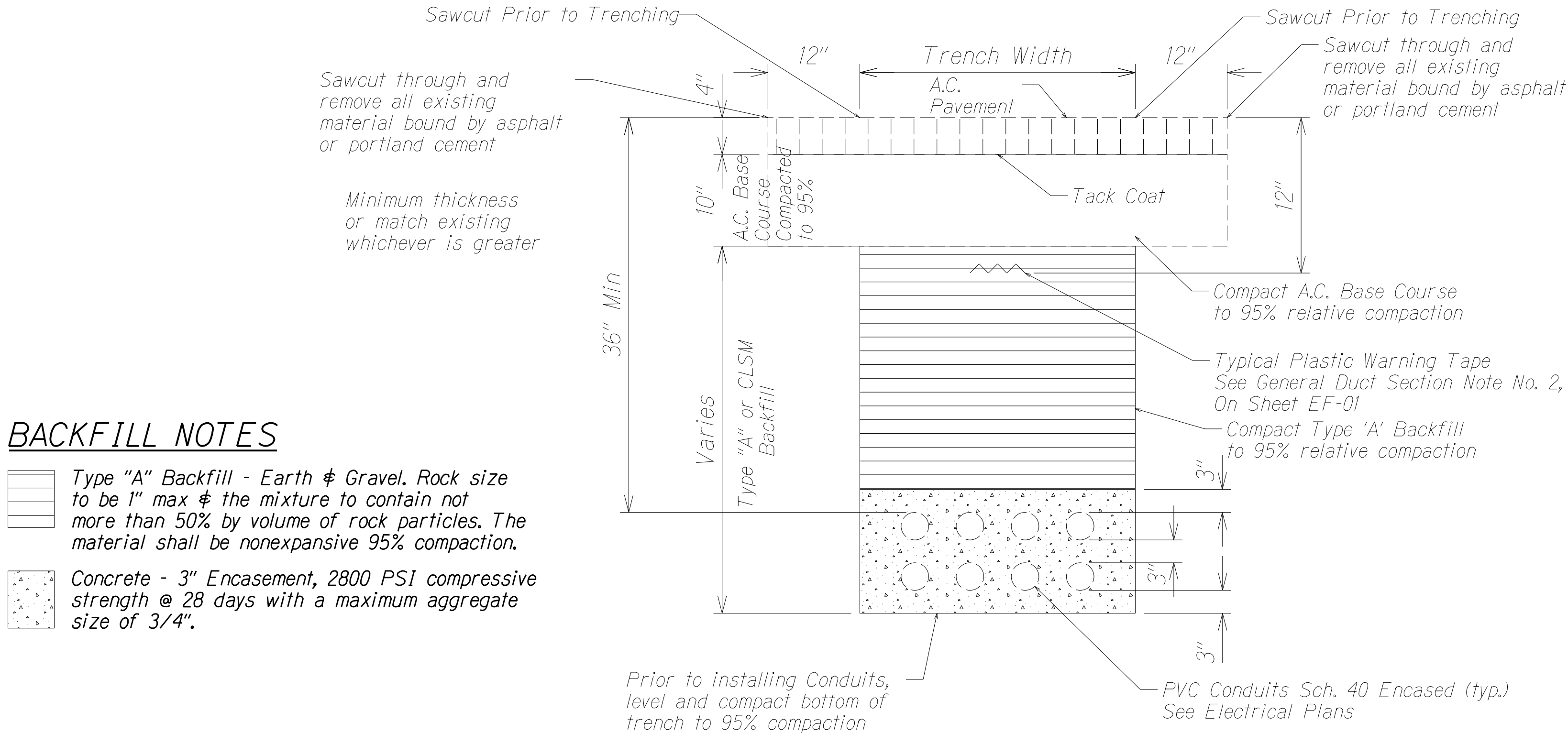
TYPICAL SECTIONS

INTERSTATE ROUTE HI (EB) IMPROVEMENTS
Ola Lane Overpass to Likelike Hwy Off-Ramp
Project No. NH-HI-1(280)

Scale: Not to Scale Date: Dec 2022

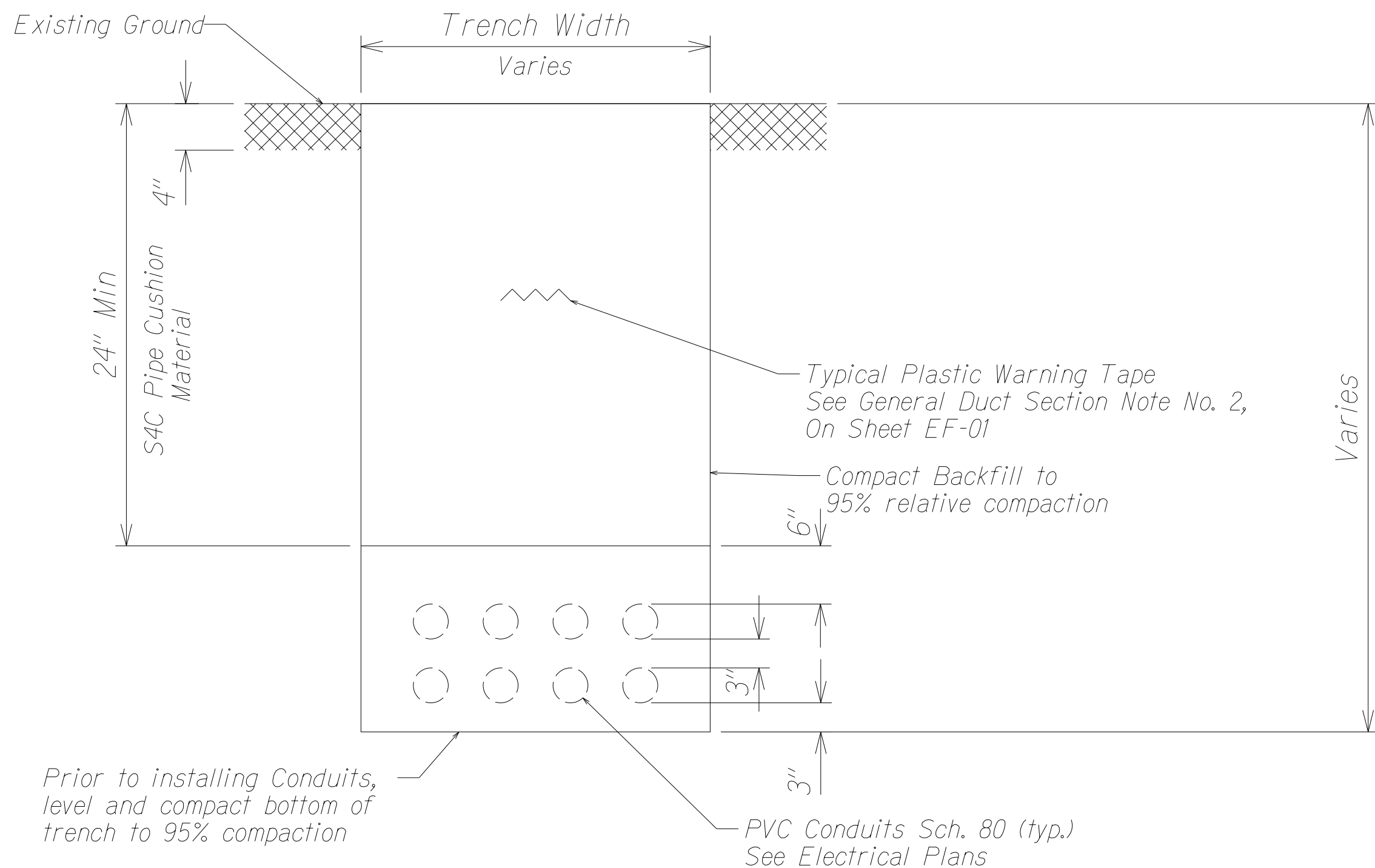
SHEET No. RD0.04 OF 5 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | NH-HI-1(280) | 2023 | ADD. 39 | 466 |



BACKFILL NOTES

- Type "A" Backfill - Earth & Gravel. Rock size to be 1" max & the mixture to contain not more than 50% by volume of rock particles. The material shall be nonexpansive 95% compaction.
- Concrete - 3" Encasement, 2800 PSI compressive strength @ 28 days with a maximum aggregate size of 3/4".



TYPICAL GROUND TRENCH SECTION FOR CONDUIT INSTALLATION

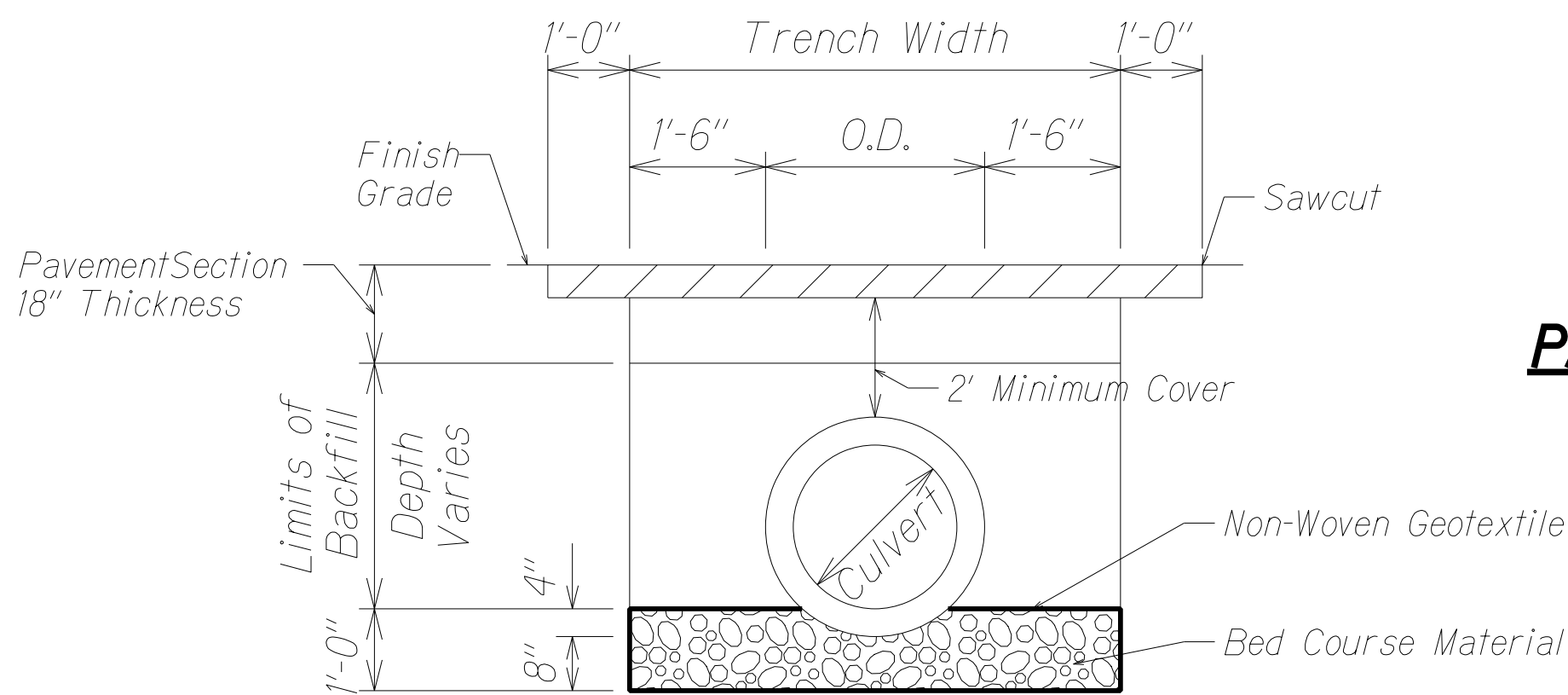
See Dry Utility Plans for Locations
Not to Scale

TYPICAL ROADWAY TRENCH SECTION FOR CONDUIT INSTALLATION

See Dry Utility Plans for Locations
Not to Scale

NOTES

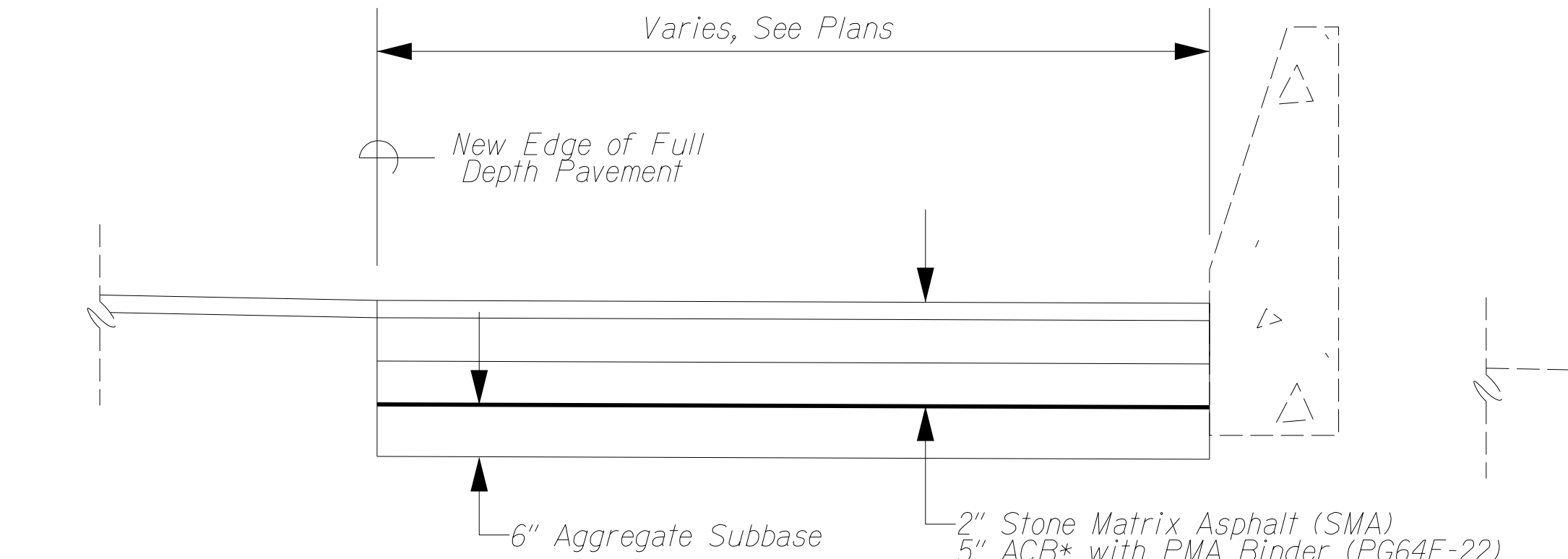
CLSM Backfill to be used for culverts with less than 2-ft of cover.



GENERAL CULVERT TRENCH AND BACKFILL RESTORATION IN HDOT ROADWAYS

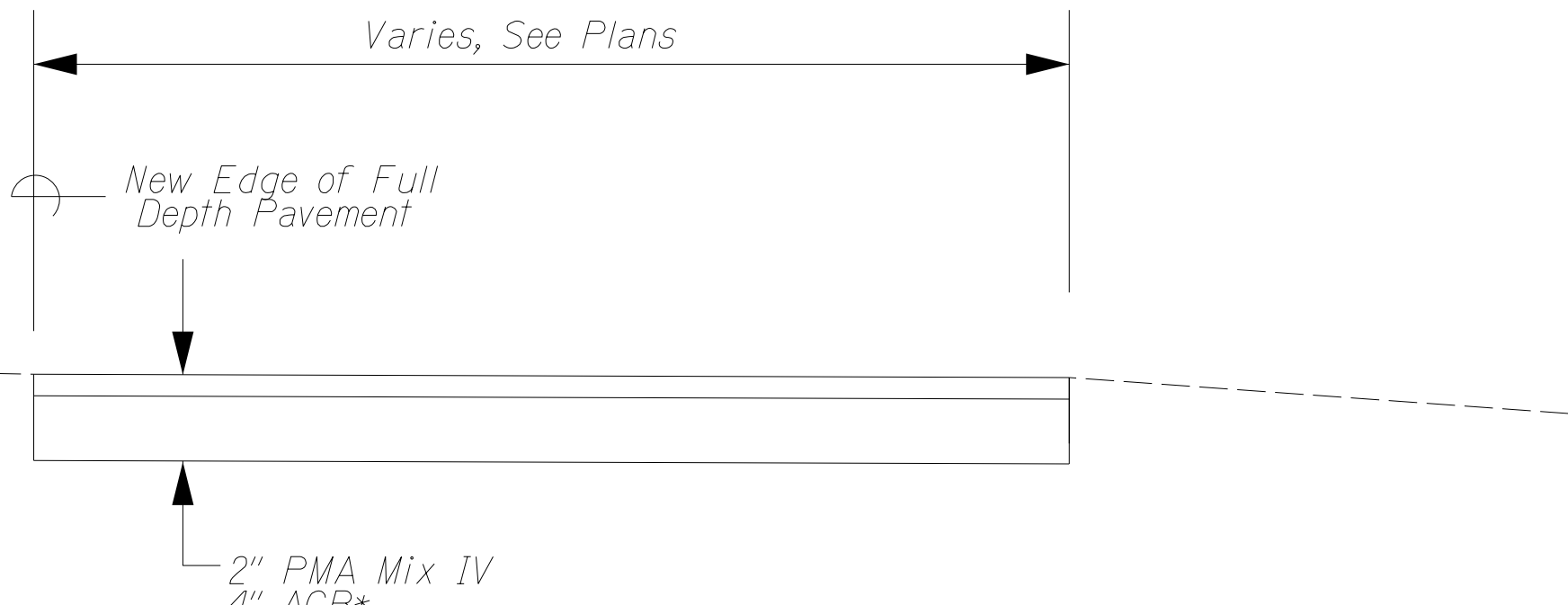
Not to Scale

*ACB-Asphalt Cement Base



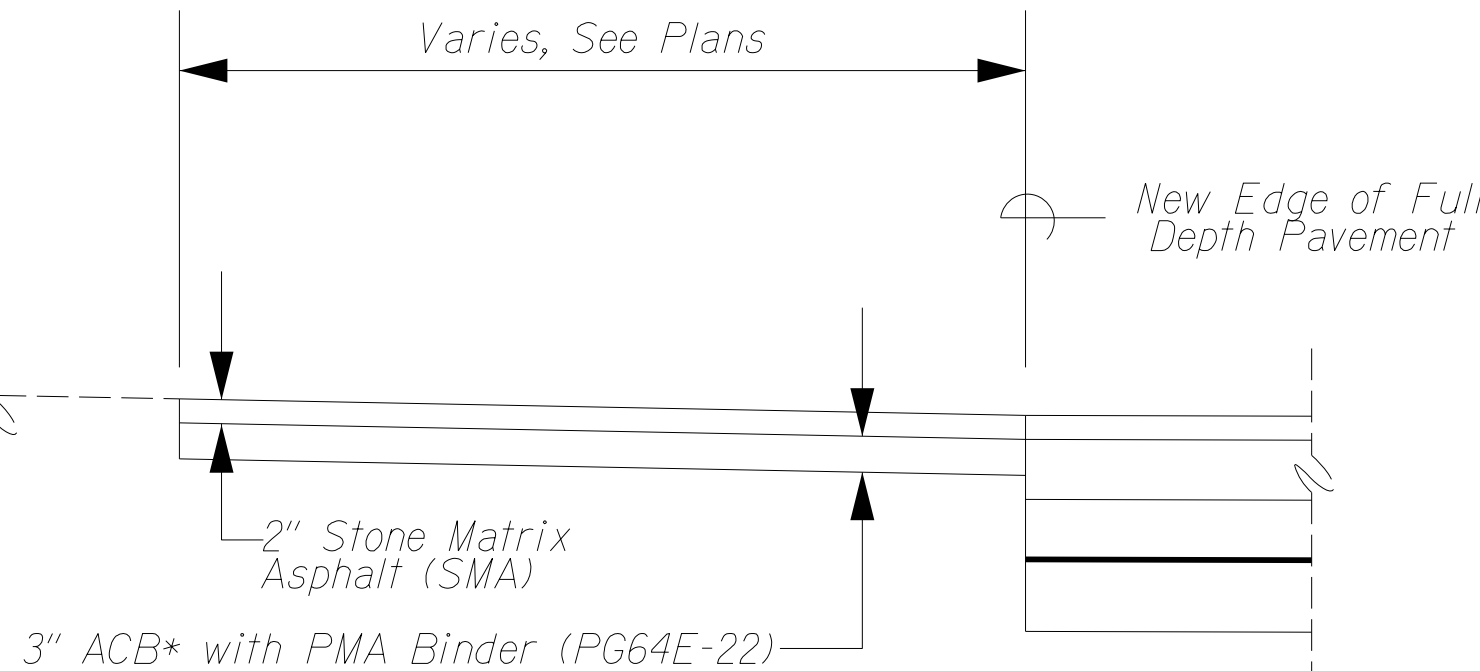
PAVEMENT STRUCTURE DETAIL NO. 1 (HI)

Not to Scale



PAVEMENT STRUCTURE DETAIL NO. 3 (CITY)

See Sheet RDI.06 for Locations
Not to Scale



PAVEMENT STRUCTURE DETAIL NO. 2 (HI)

Not to Scale



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JACOBS ENGINEERING GROUP INC.
LICENSE EXPIRES 04-30-24

| | |
|---|---------------------------|
| 4/7/23 | ADD. 2 - Revised Callouts |
| DATE | REVISION |
| STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION | |
| TYPICAL SECTIONS | |
| INTERSTATE ROUTE HI (EB) IMPROVEMENTS Ola Lane Overpass to Likelike Hwy Off-Ramp Project No. NH-HI-1(280) | |
| Scale: Not to Scale | Date: Dec 2022 |
| SHEET No. RD005 OF 5 SHEETS | |