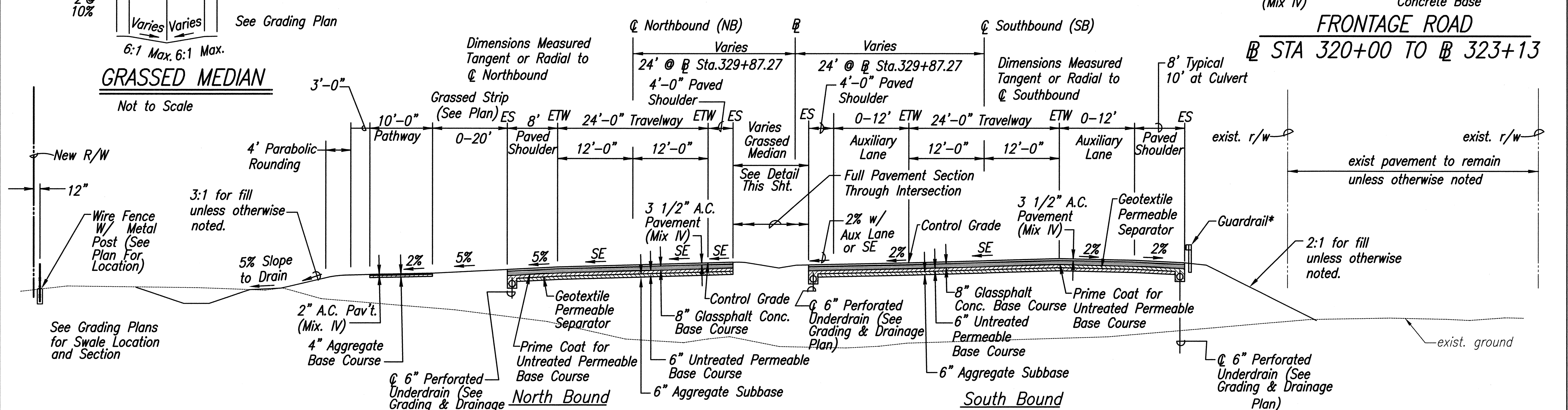
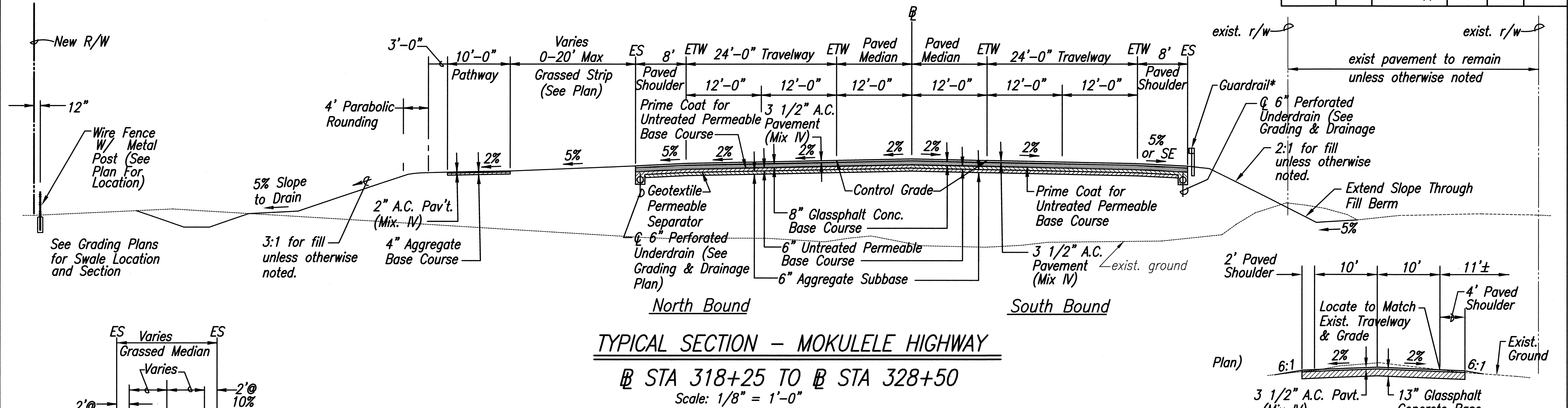


FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(4)	2006	6	180



Notes:

- All shoulders and graded slopes shall be planted with grass and/or ground covering in accordance with the Landscape Plans.
- Existing Pavement Structure to be Demolished and Removed Not Shown for Clarity.
- See Grading and Drainage Plan For Variations in Shoulder Slopes.
- See Sheet 62 For Typical Underdrains Sections.
- See Superelevation Diagram for location of transitions and full super.
- *See Sht. 10 for typical guardrail installation.

CLIFFORD M. ARAKAWA
LICENSED PROFESSIONAL ENGINEER
No. 1884-C
HAWAII U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

04/30/06
EXPIRATION DATE OF THE LICENSE

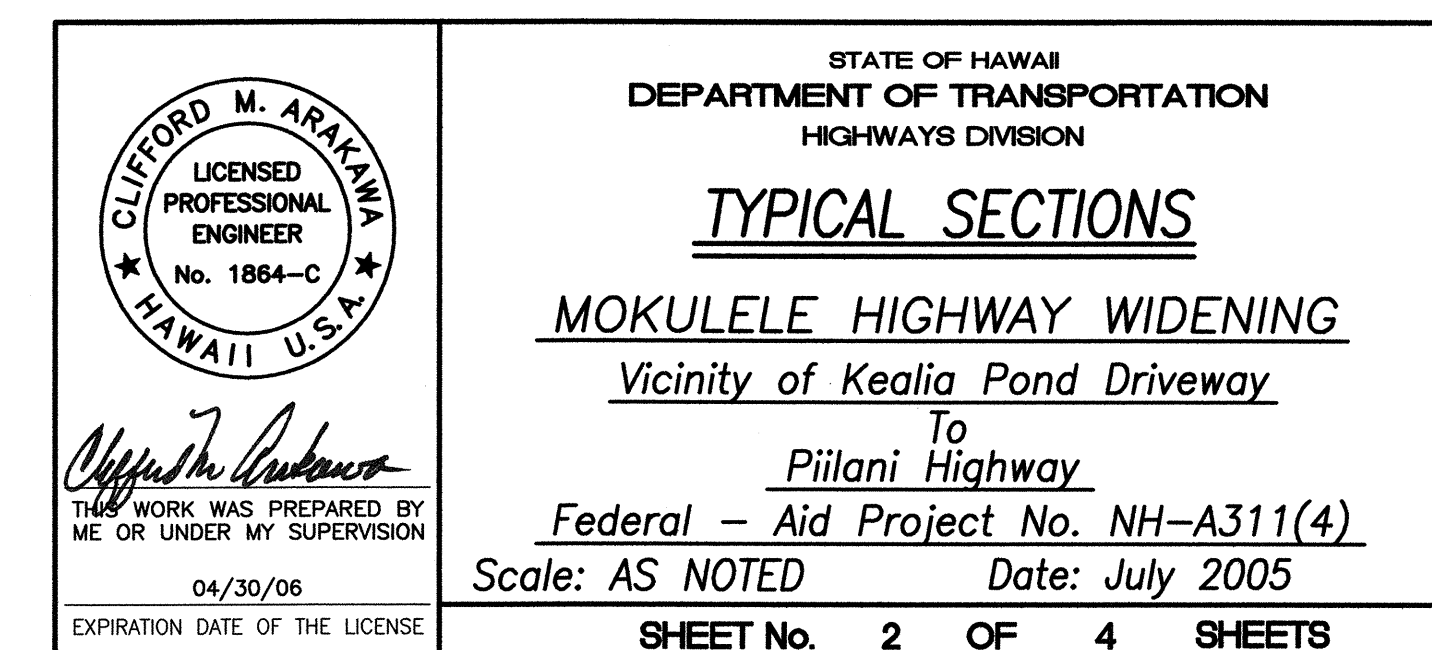
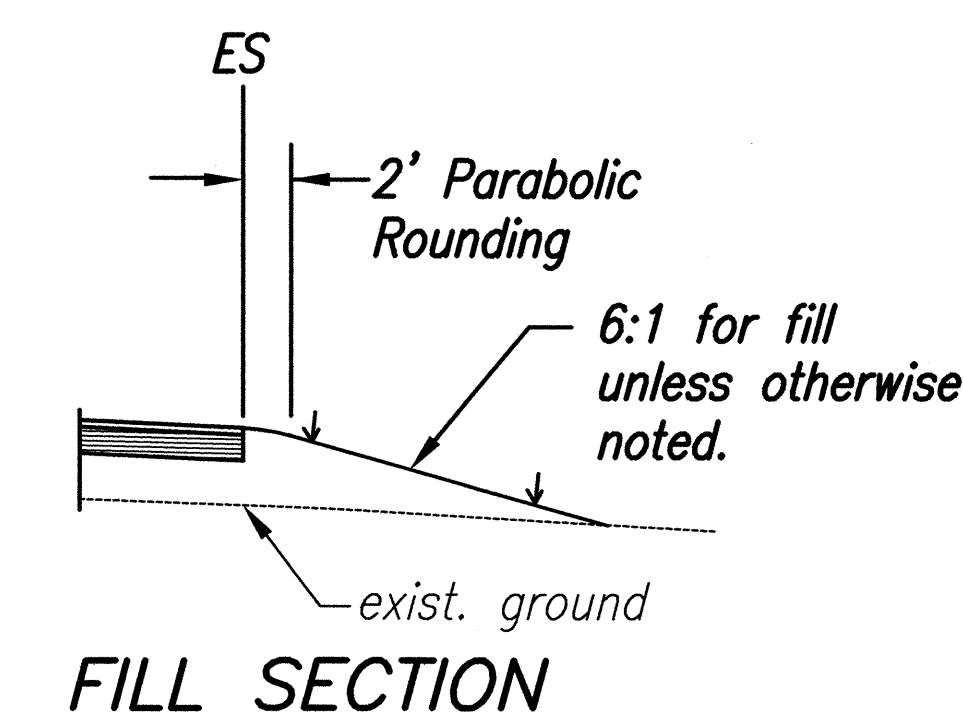
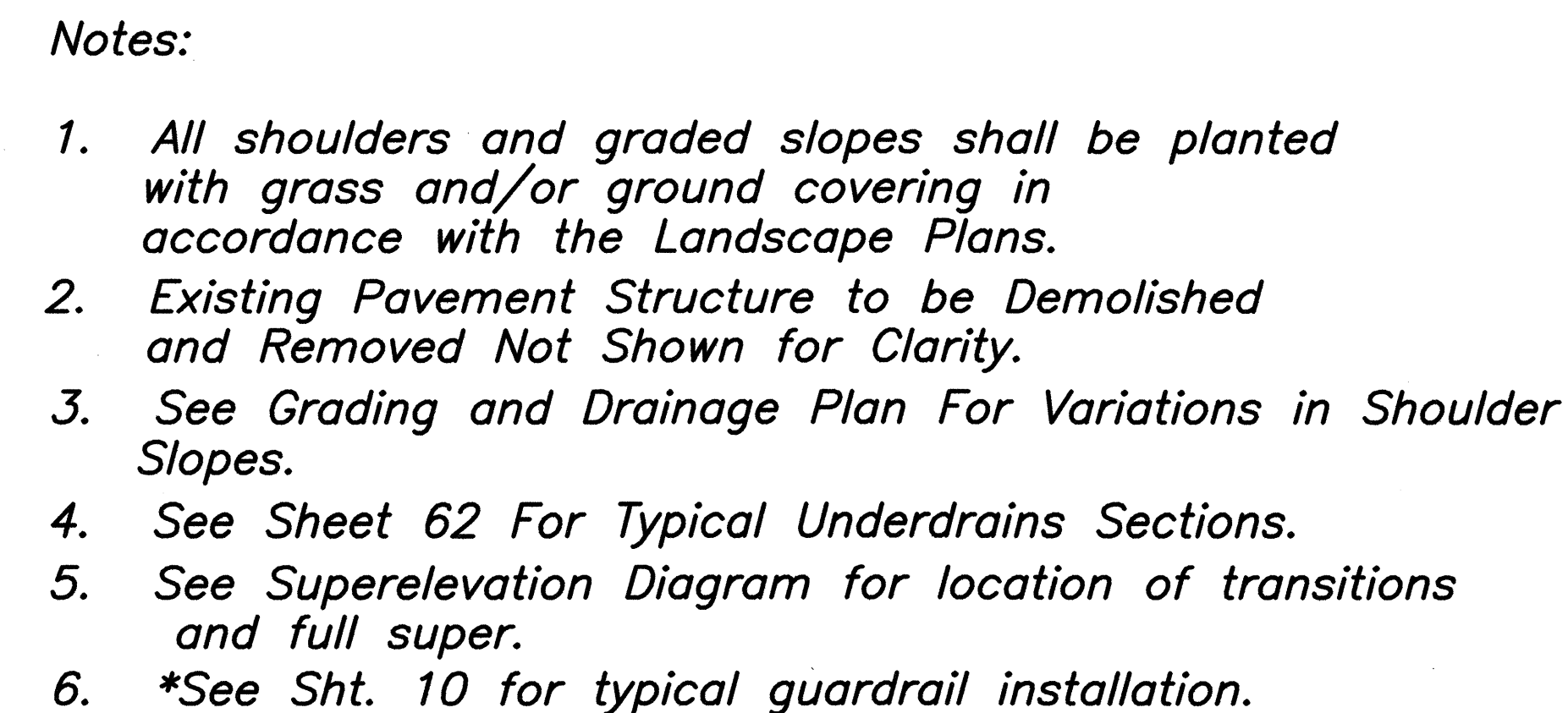
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

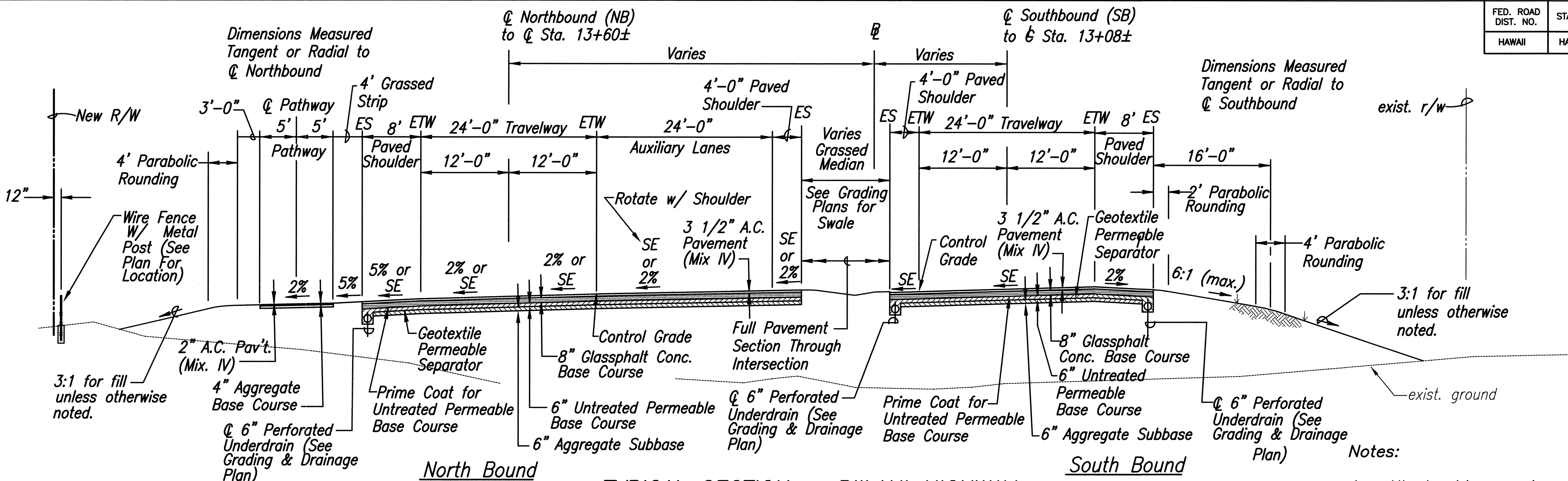
MOKULELE HIGHWAY WIDENING
Vicinity of Kealia Pond Driveway
To
Piilani Highway
Federal - Aid Project No. NH-A311(4)
Scale: AS NOTED Date: July 2005

SHEET No. 1 OF 4 SHEETS

Diagram illustrating a horizontal line with a break. The left end is labeled R/W or $New\ R/W$. The right end is labeled R/W . The middle section is labeled $width\ varies$. A small B is written below the line.

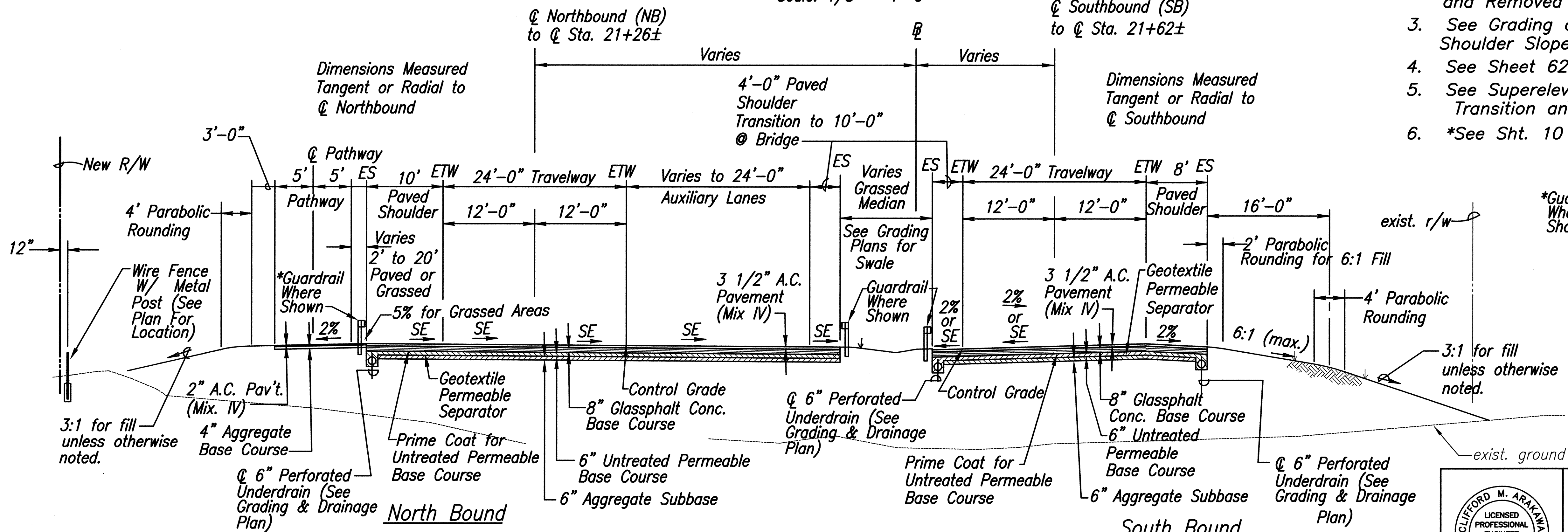


FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(4)	2006	8	180

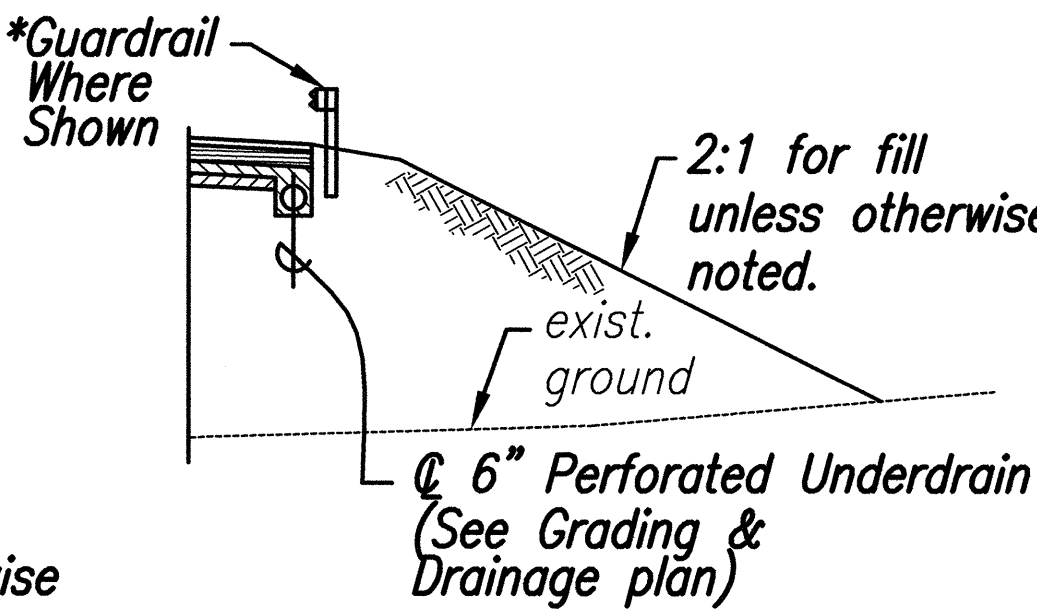


TYPICAL SECTION - PIILANI HIGHWAY
MOKULELE INTERSECTION to Sta 521+55±
 Scale: 1/8" = 1'-0"

- Notes:
1. All shoulders and graded slopes shall be planted with grass and/or ground covering in accordance with the Landscape Plans.
 2. Existing Pavement Structure to be Demolished and Removed Not Shown for Clarity.
 3. See Grading and Drainage Plan For Variations in Shoulder Slopes.
 4. See Sheet 62 For Typical Underdrains Sections.
 5. See Superelevation Diagram for Location of Transition and Full Super.
 6. *See Sht. 10 for typical guardrail installation.



TYPICAL SECTION - PIILANI HIGHWAY
Sta 521+55± to Sta 529+24±
 Scale: 1/8" = 1'-0"



South Bound
 From SB Sta. 17+57±

DATE	7/11/02
SURVEY PLOTTED BY	CLIFFORD M. ARAKAWA
DESIGNED BY	CLIFFORD M. ARAKAWA
CHECKED BY	CLIFFORD M. ARAKAWA
NO.	1

CLIFFORD M. ARAKAWA
 LICENSED PROFESSIONAL ENGINEER
 No. 1864-C
 HAWAII, U.S.A.

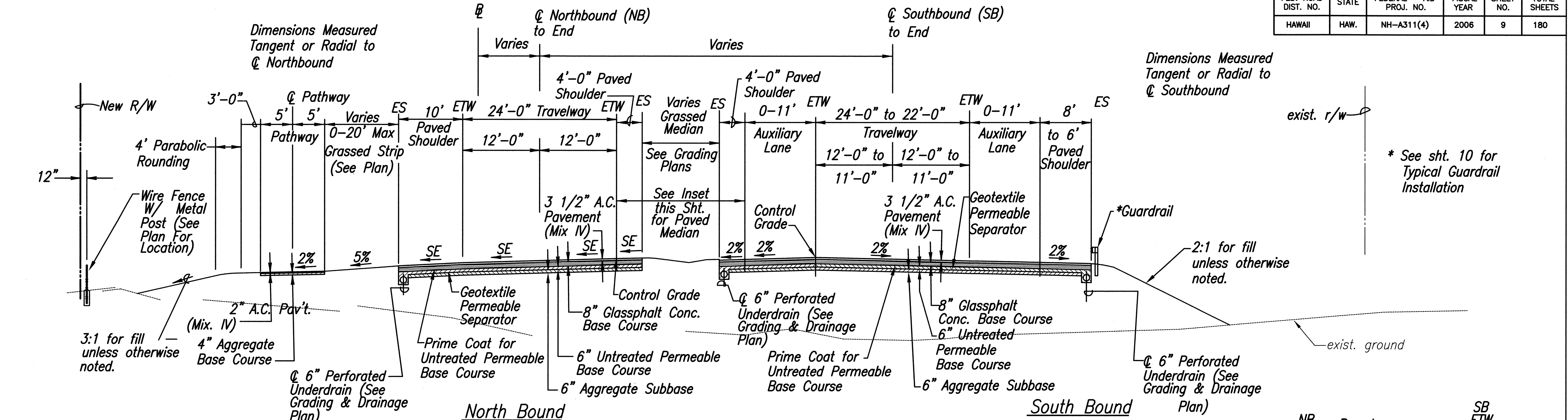
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

TYPICAL SECTIONS

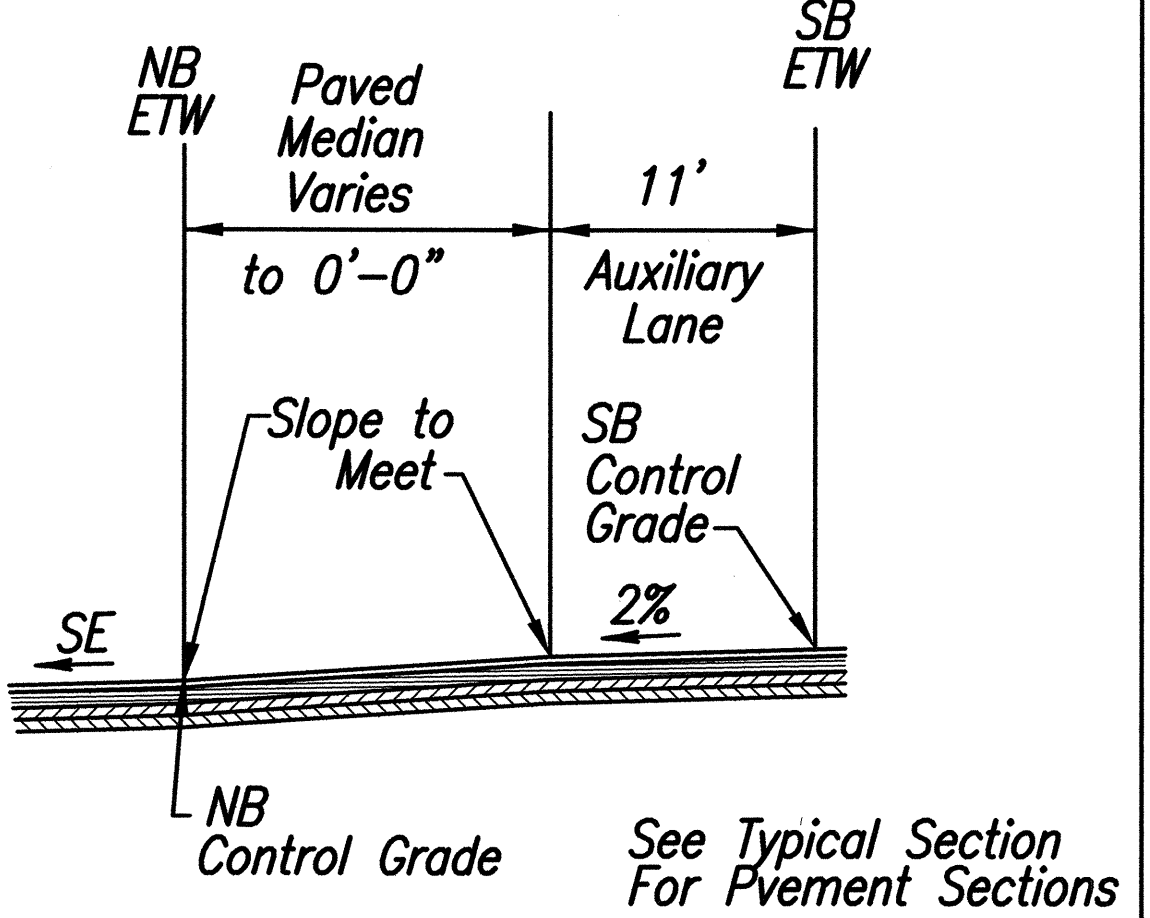
MOKULELE HIGHWAY WIDENING
 Vicinity of Kealia Pond Driveway
 To
 Piilani Highway
 Federal - Aid Project No. NH-A311(4)
 Scale: AS NOTED Date: July 2005

SHEET No. 3 OF 4 SHEETS

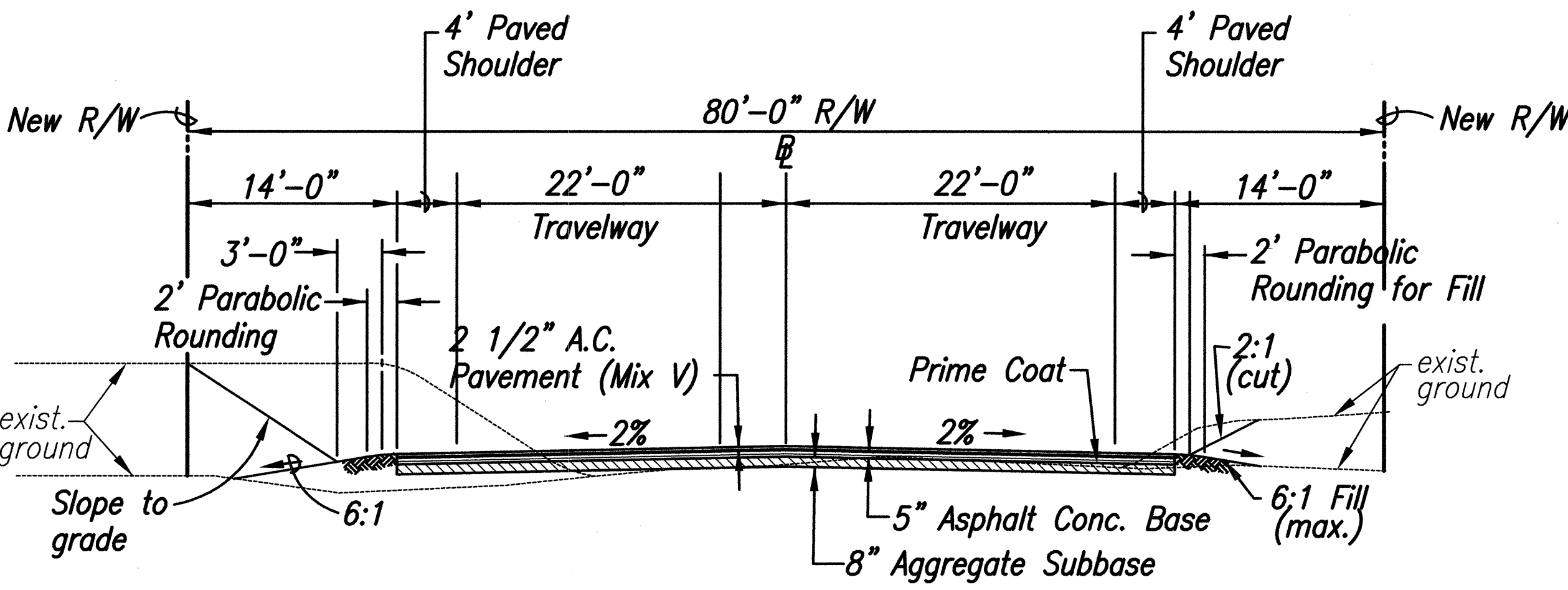
FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(4)	2006	9	180



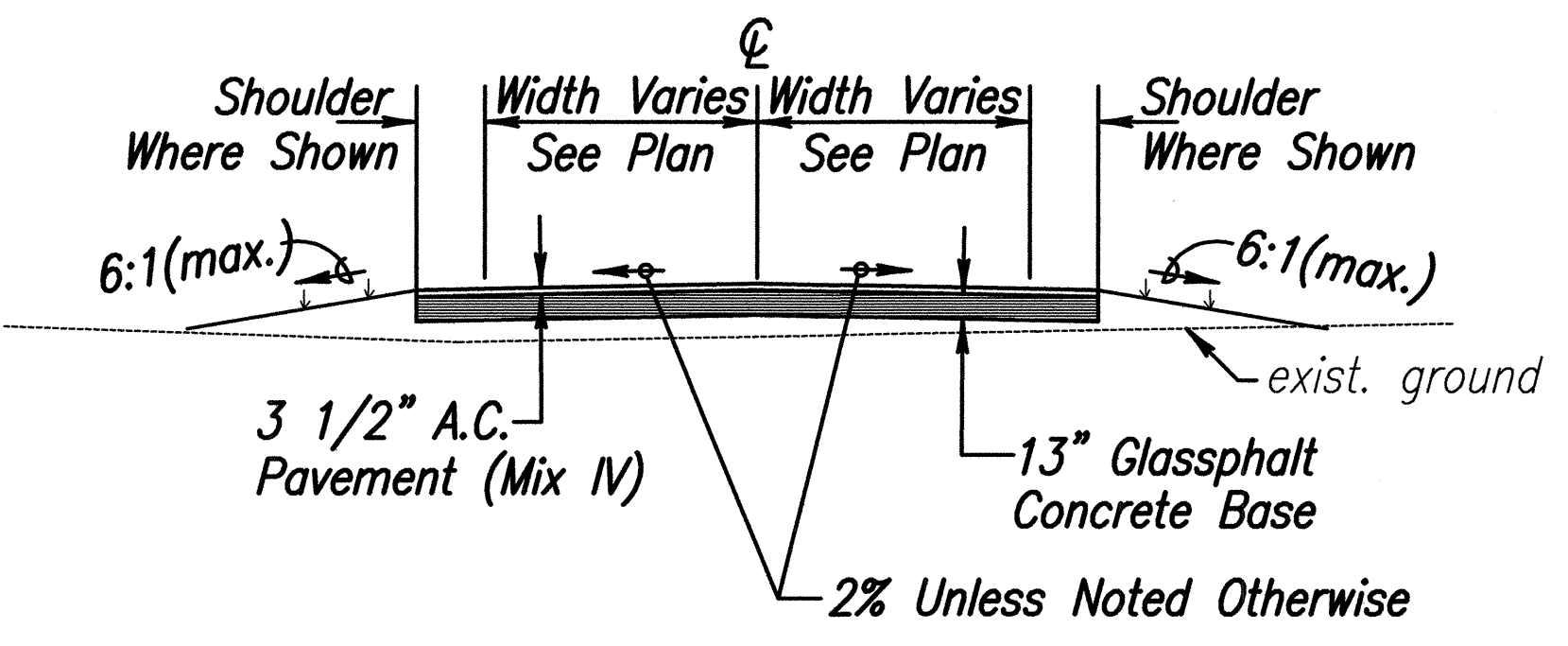
TYPICAL SECTION - PIILANI HIGHWAY
 @ STA 529+24± to END
 Scale: 1/8" = 1'-0"



INSET
 Scale: None



TYPICAL SECTION-SOUTH KIHAI ROAD
 Scale: 1/8" = 1'-0"



TYPICAL DRIVEWAY SECTION
 Scale: 1/8" = 1'-0"

Notes:

1. All shoulders and graded slopes shall be planted with grass and/or ground covering in accordance with the Landscape Plans.
2. Existing Pavement Structure to be Demolished and Removed Not Shown for Clarity.
3. See Grading and Drainage Plan For Variations in Shoulder Slopes.
4. See Sheet 62 For Typical Underdrains Sections.
5. See Superelevation Diagram for location of transitions and full super.
6. *See Sht. 10 for typical guardrail installation.

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 LICENSED PROFESSIONAL ENGINEER
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 HAWAII, U.S.A.

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

TYPICAL SECTIONS

MOKULELE HIGHWAY WIDENING
 Vicinity of Kealia Pond Driveway
 To
 Piilani Highway
 Federal - Aid Project No. NH-A311(4)
 Scale: AS NOTED Date: July 2005

SHEET No. 4 OF 4 SHEETS