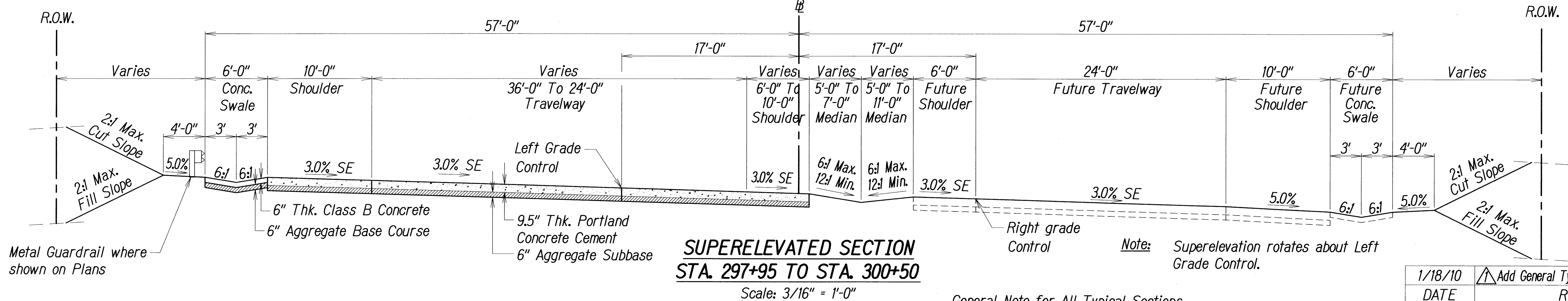
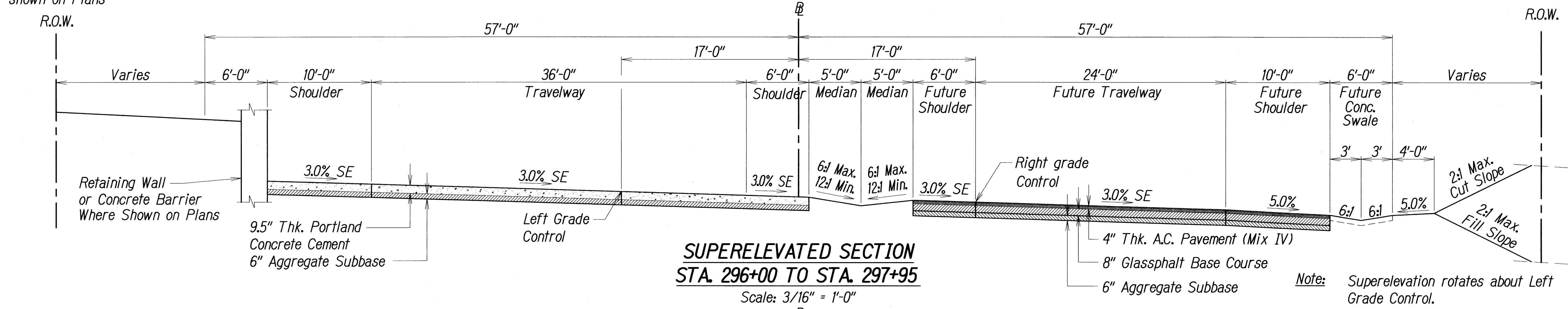
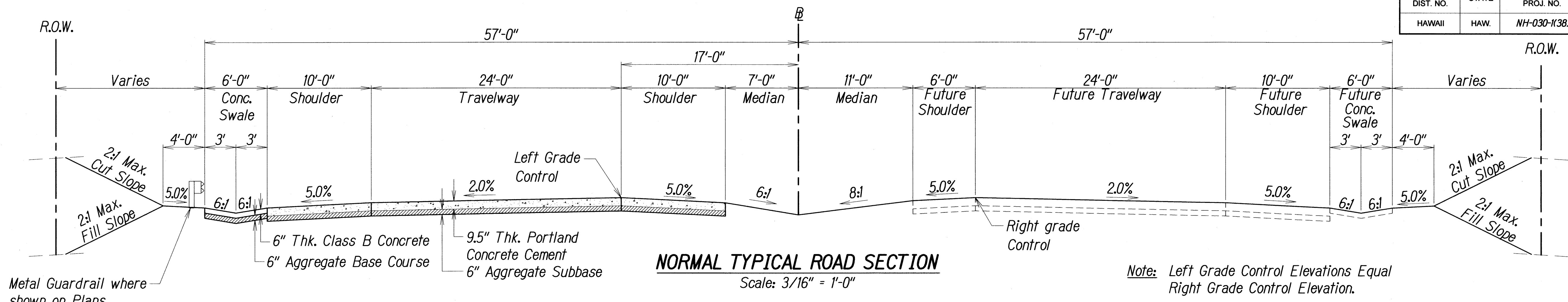


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-1(38)	2010	8	213

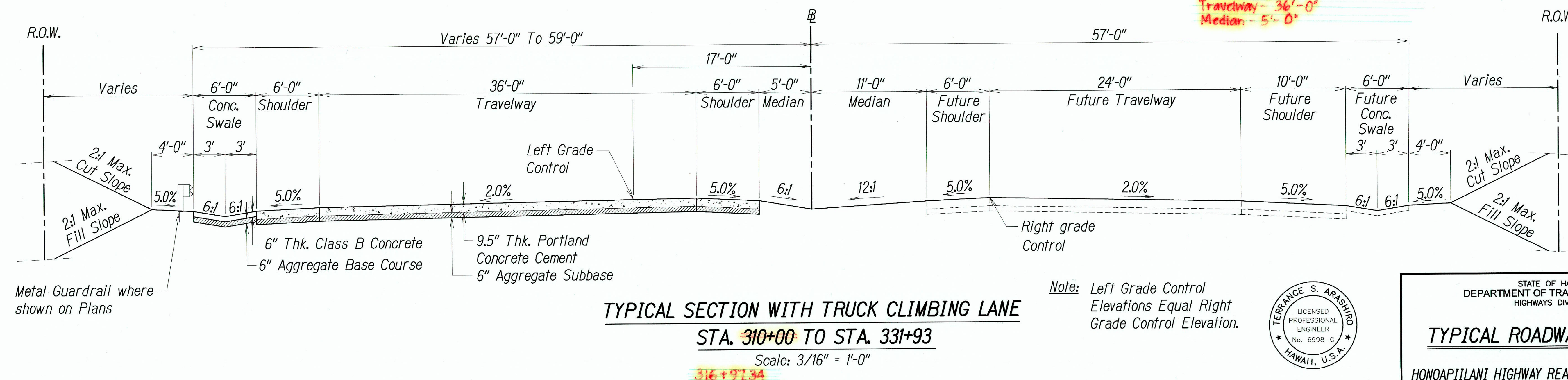
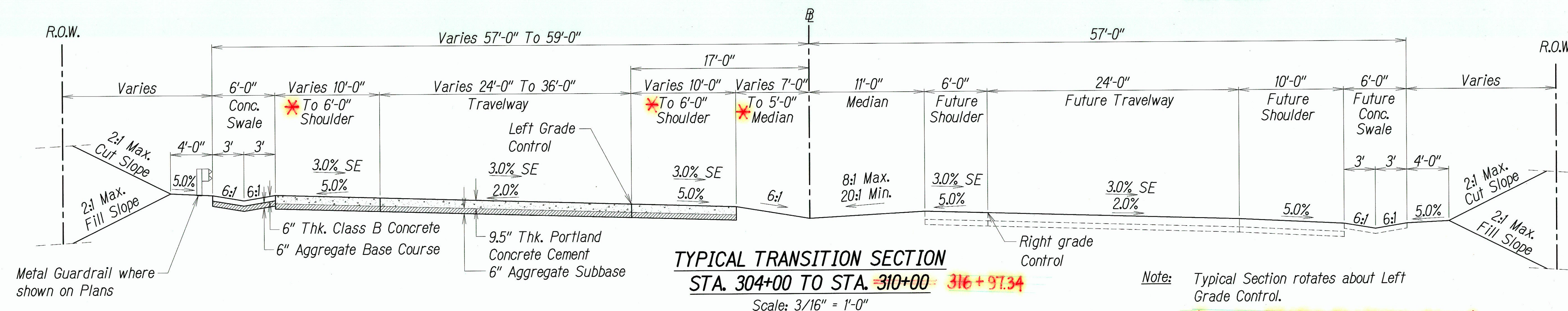
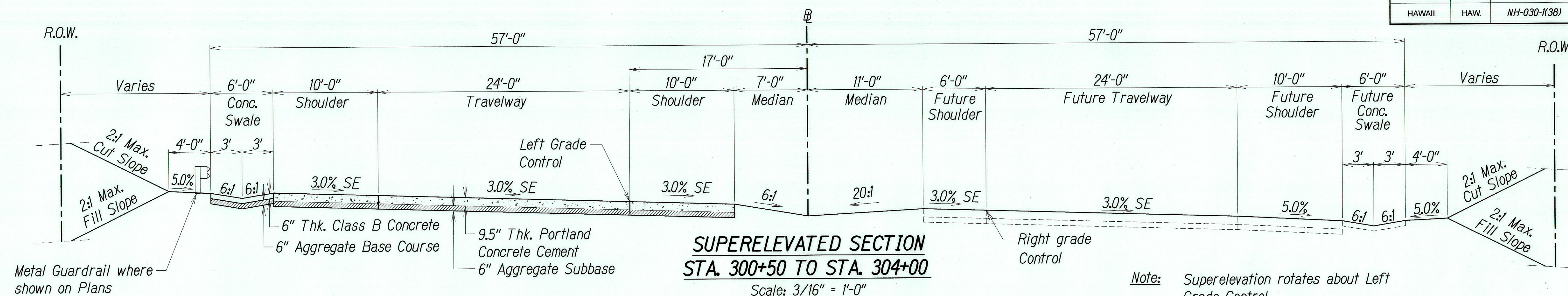


General Note for All Typical Sections
The top two (2) feet of subgrade, measured from the bottom of the pavement section, within the future travelway, shoulder and concrete swale areas shall meet Section 203.03 (C) Embankment Construction.



1/18/10	ADD General Typ. Section Note
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
TYPICAL ROADWAY SECTIONS	
HONOAPIILANI HIGHWAY REALIGNMENT, PHASE 1B-1 Lahainaluna Rd. to Hokiokio Pl. Federal Aid Project NO. NH-030-1(38)	
Scale: 3/16" = 1'-0"	Date: November 23, 2009
SHEET No. 1 OF 8 SHEETS	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-1(38)	2010	9	213



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

TYPICAL ROADWAY SECTIONS

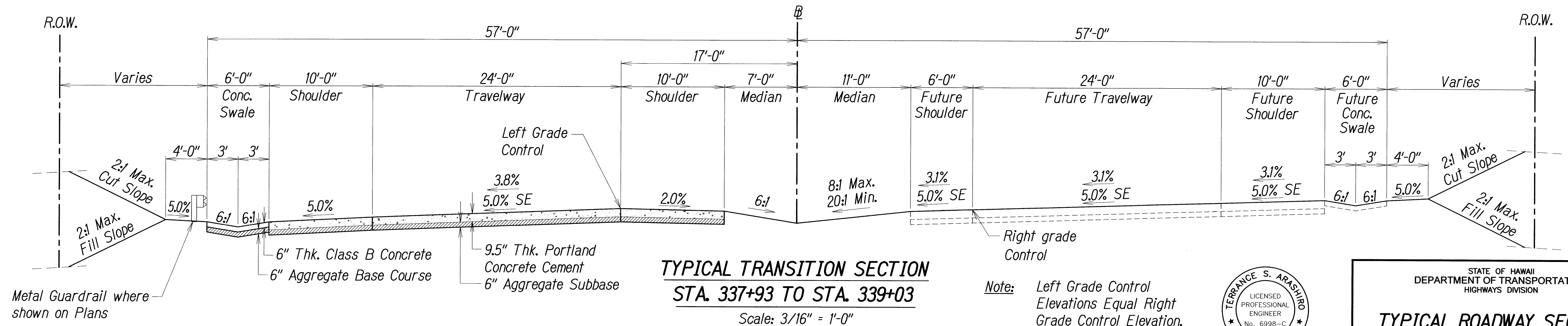
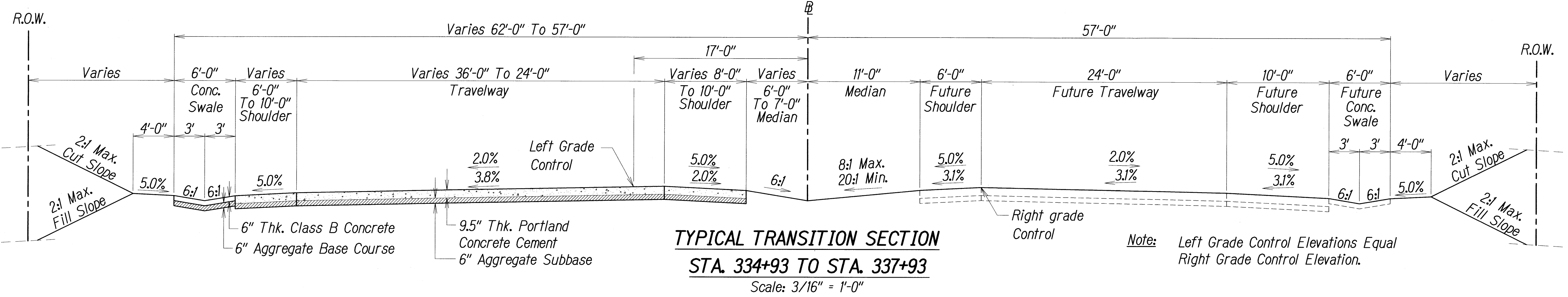
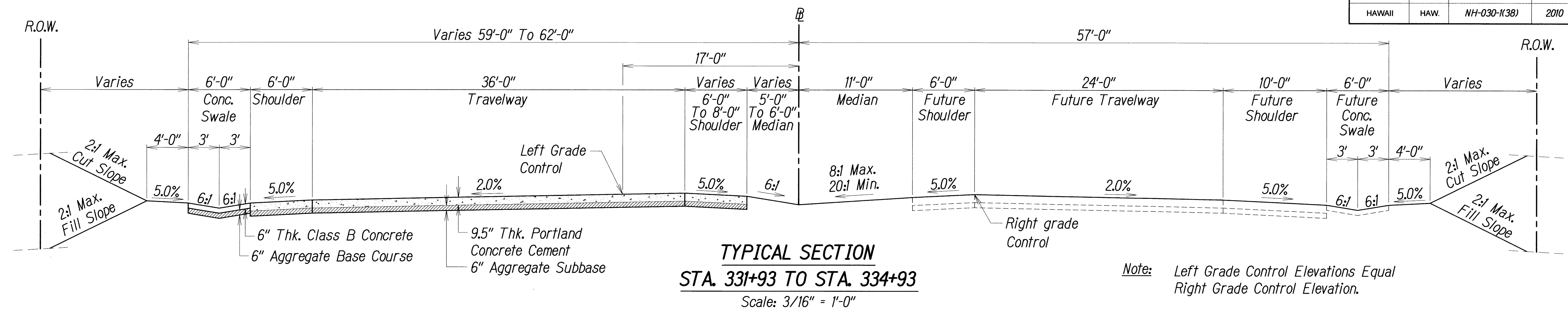
HONOAPIILANI HIGHWAY REALIGNMENT, PHASE 1B-1
 Lahainaluna Rd. to Hokiokio Pl.
 Federal Aid Project NO. NH-030-1(38)

Scale: 3/16" = 1'-0" Date: November 23, 2009

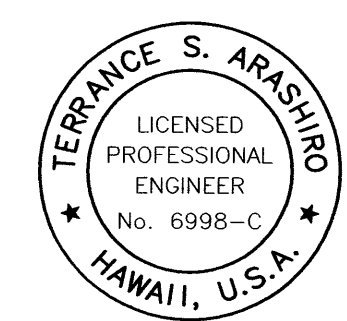
SHEET No. 2 OF 8 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-1(38)	2010	10	213



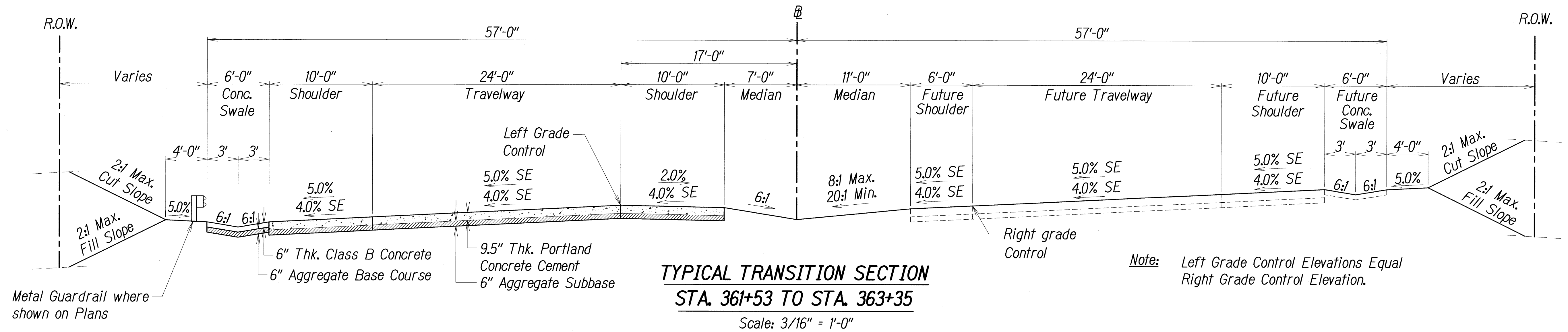
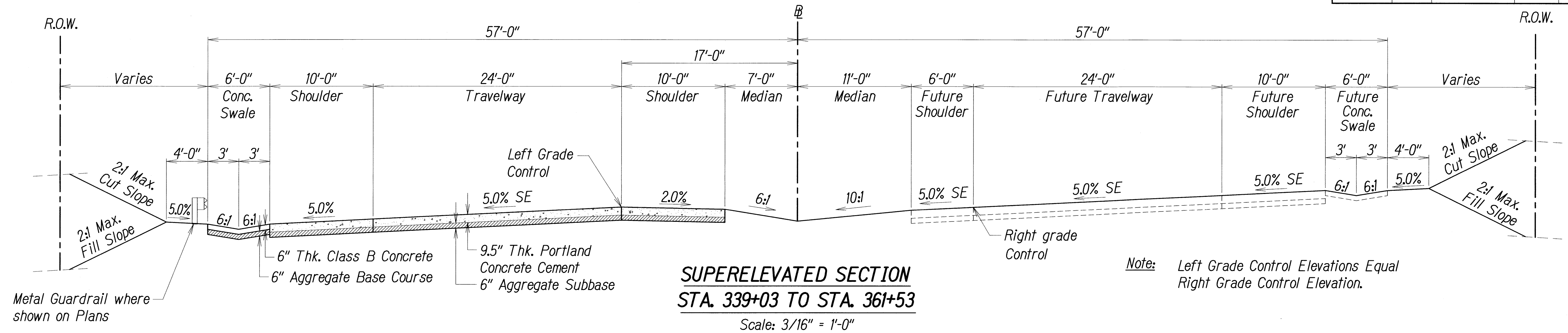
Metal Guardrail where shown on Plans



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL ROADWAY SECTIONS
 HONOAPIILANI HIGHWAY REALIGNMENT, PHASE 1B-1
 Lahainaluna Rd. to Hokiokio Pl.
 Federal Aid Project NO. NH-030-1(38)
 Scale: 3/16" = 1'-0" Date: November 23, 2009

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-K(38)	2010	11	213



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 HIGHWAYS DIVISION

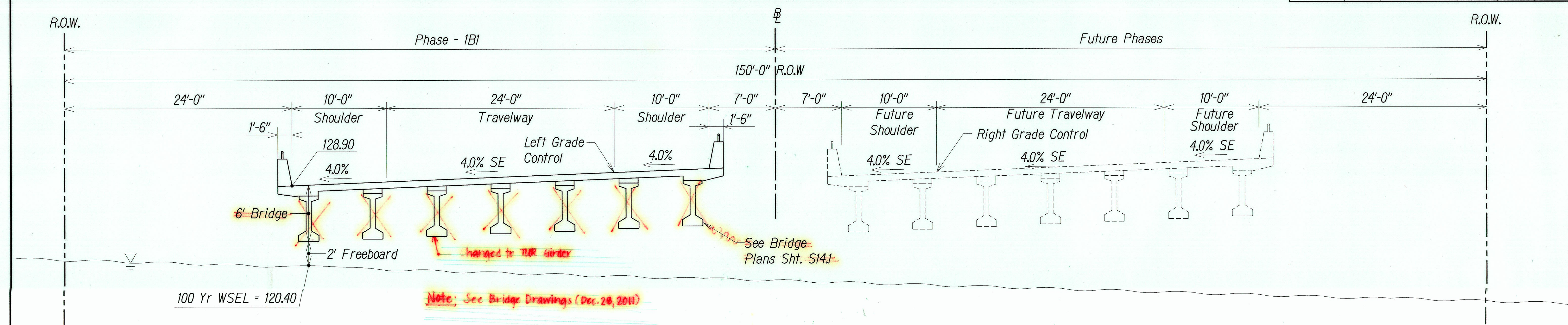
TYPICAL ROADWAY SECTIONS

HONOAPIILANI HIGHWAY REALIGNMENT, PHASE 1B-1
 Lahainaluna Rd. to Hokiokio Pl.
 Federal Aid Project NO. NH-030-K(38)

Scale: 3/16" = 1'-0" Date: November 23, 2009

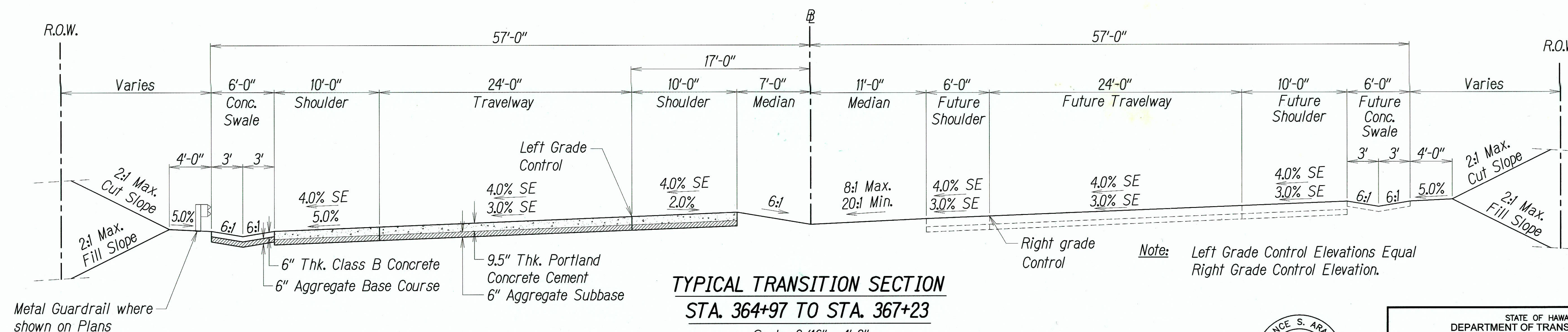
SHEET No. 4 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-1(38)	2010	12	213



TYPICAL KAUAULA STREAM BRIDGE SECTION
STA. 363+35 TO STA. 364+97
 Scale: 3/16" = 1'-0"

Note: Left Grade Control Elevations Equal Right Grade Control Elevations.



TYPICAL TRANSITION SECTION
STA. 364+97 TO STA. 367+23
 Scale: 3/16" = 1'-0"

Note: Left Grade Control Elevations Equal Right Grade Control Elevation.



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

TYPICAL ROADWAY SECTIONS

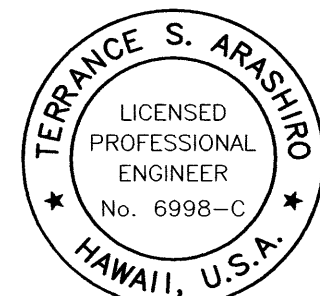
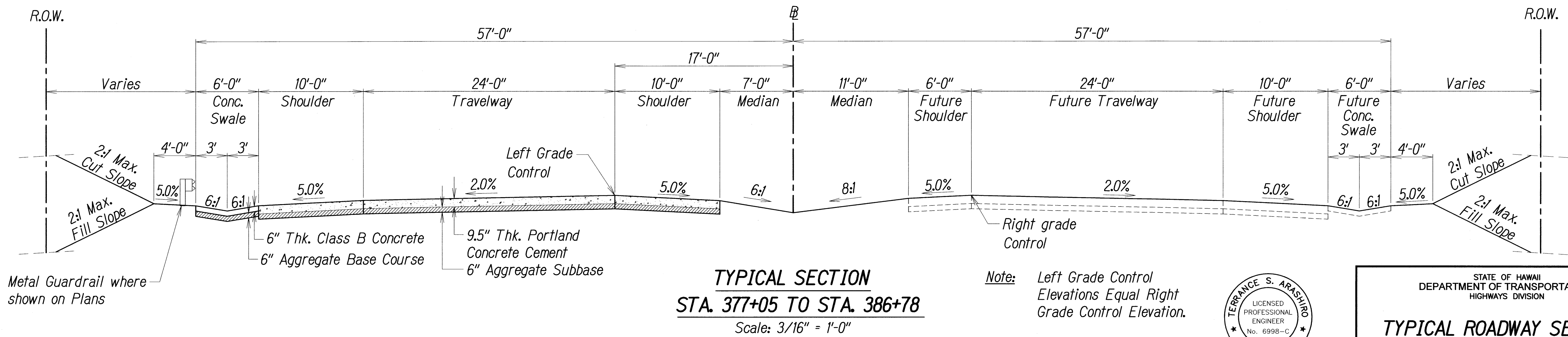
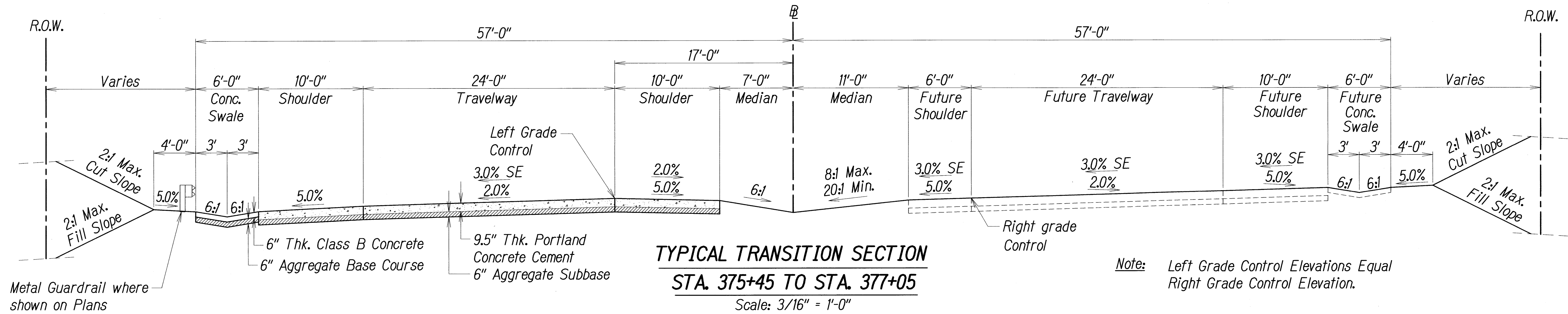
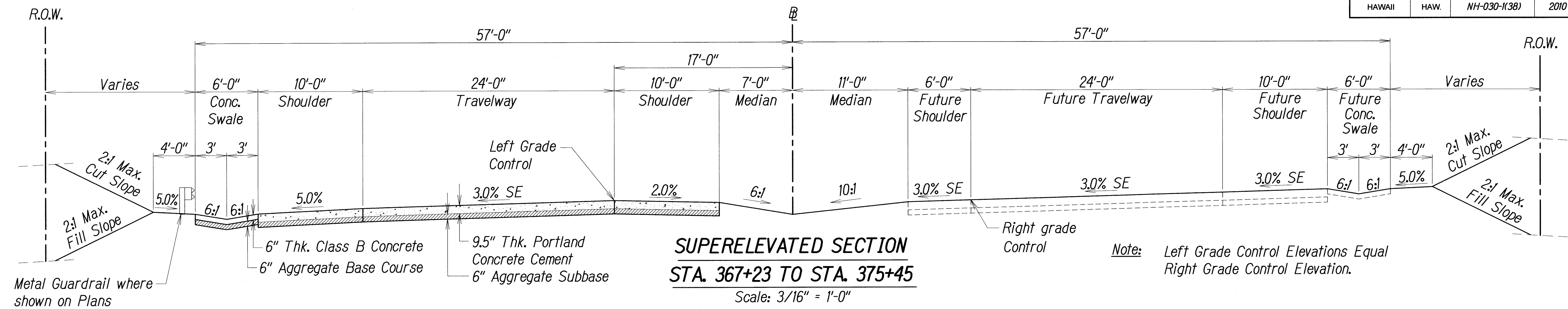
HONOAPIILANI HIGHWAY REALIGNMENT, PHASE 1B-1
 Lahainaluna Rd. to Hokiokio Pl.
 Federal Aid Project NO. NH-030-1(38)

Scale: 3/16" = 1'-0" Date: November 23, 2009

SHEET No. 5 OF 8 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-K(38)	2010	13	213



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STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

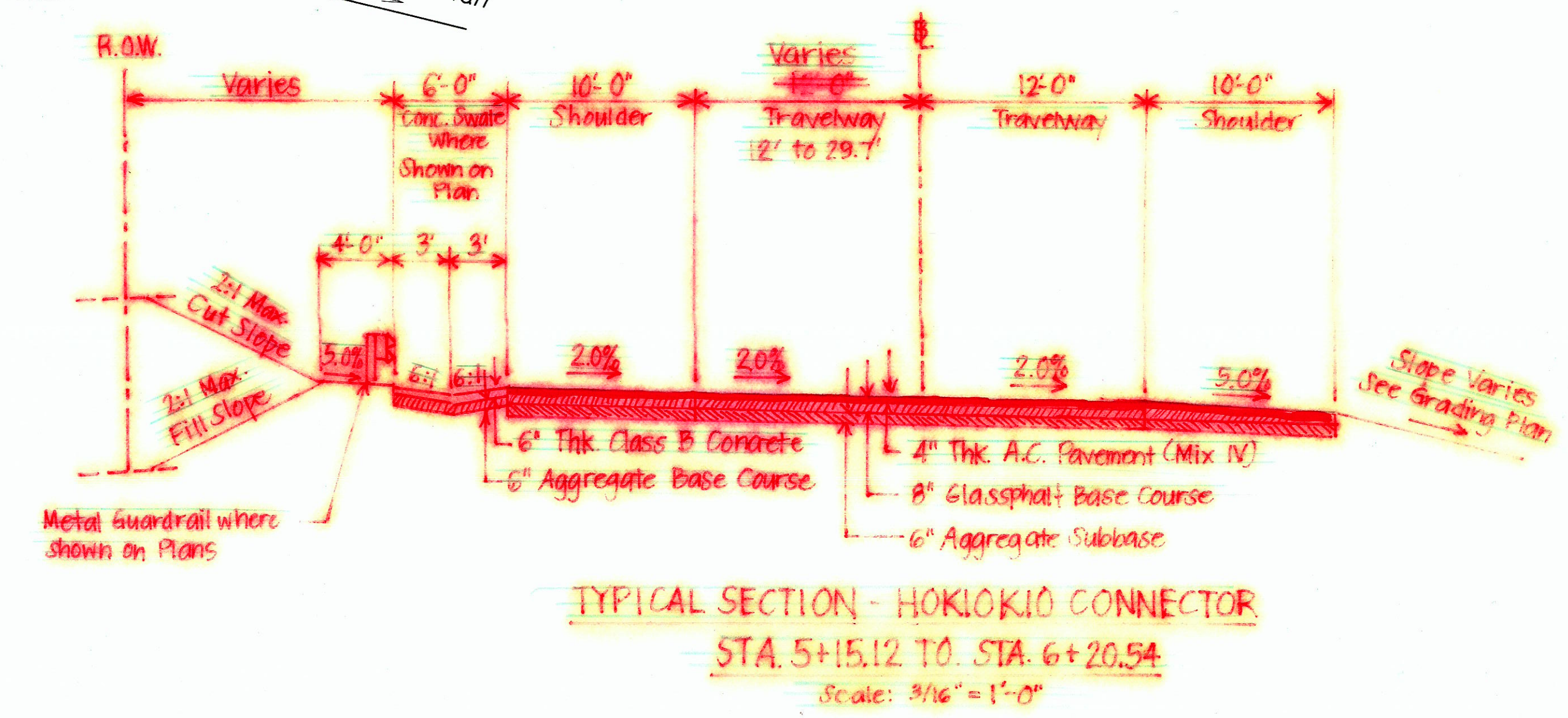
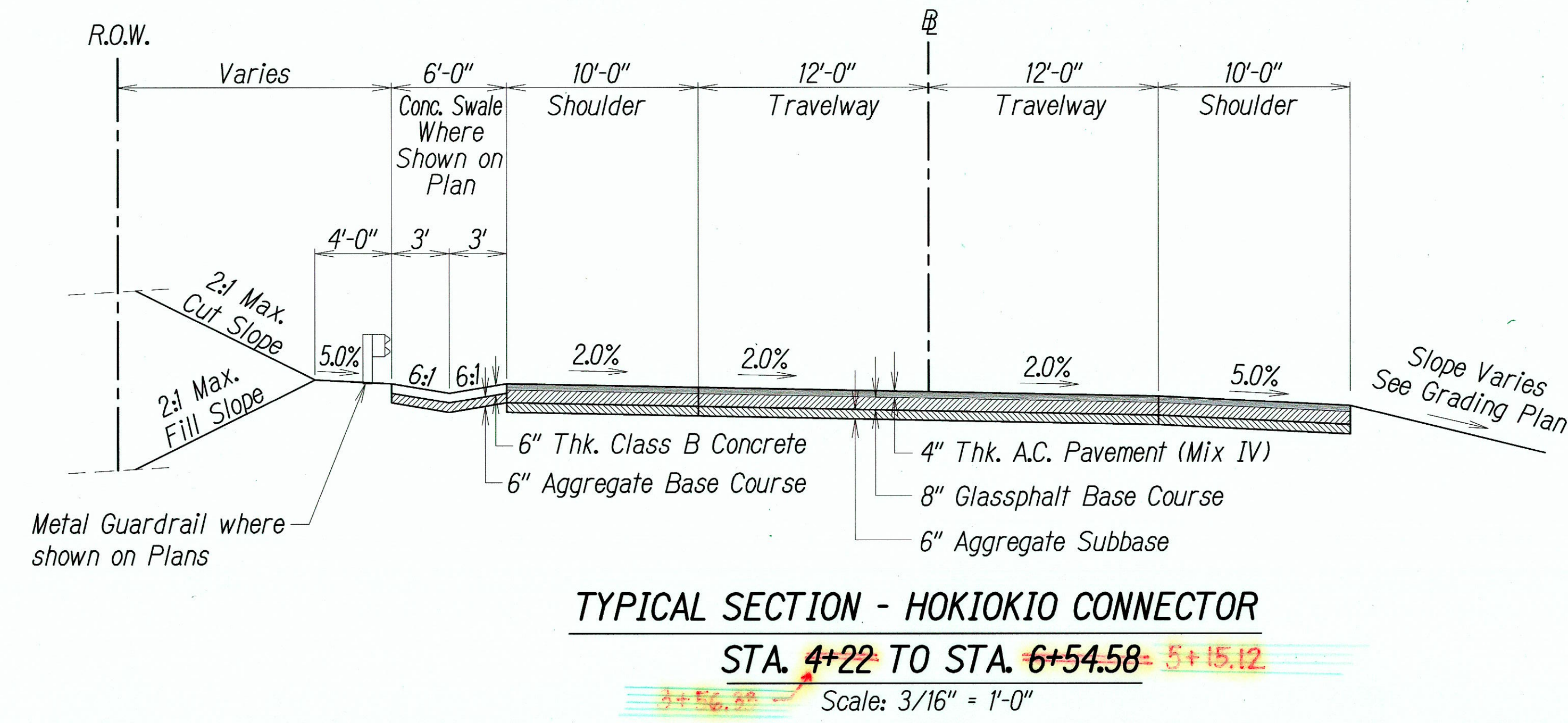
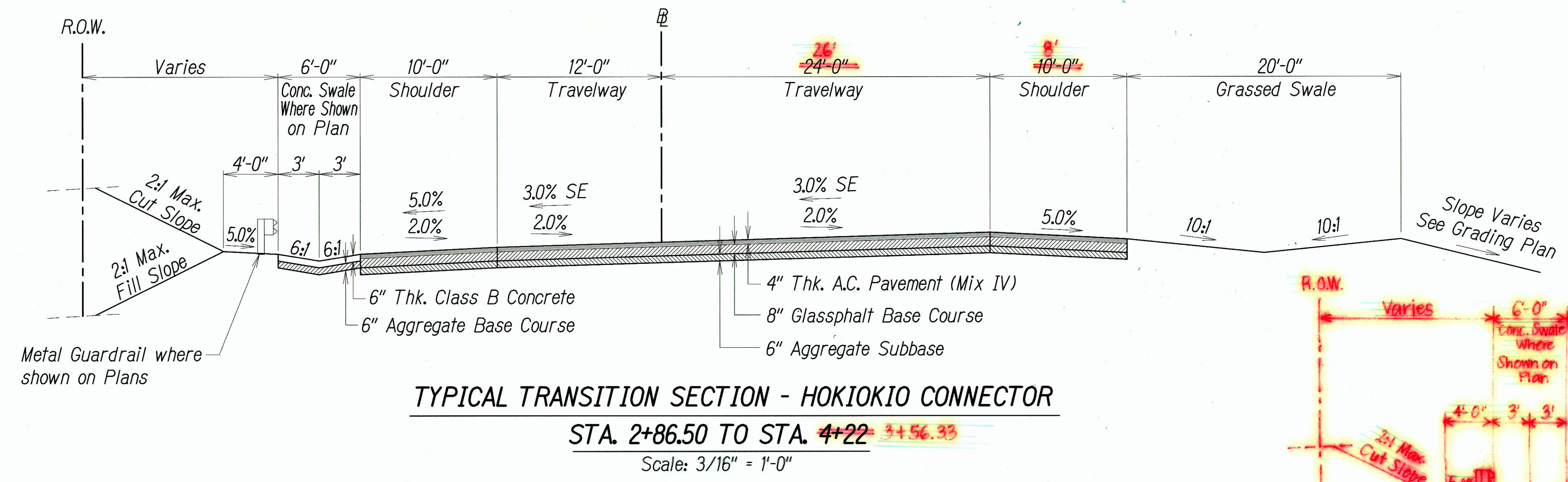
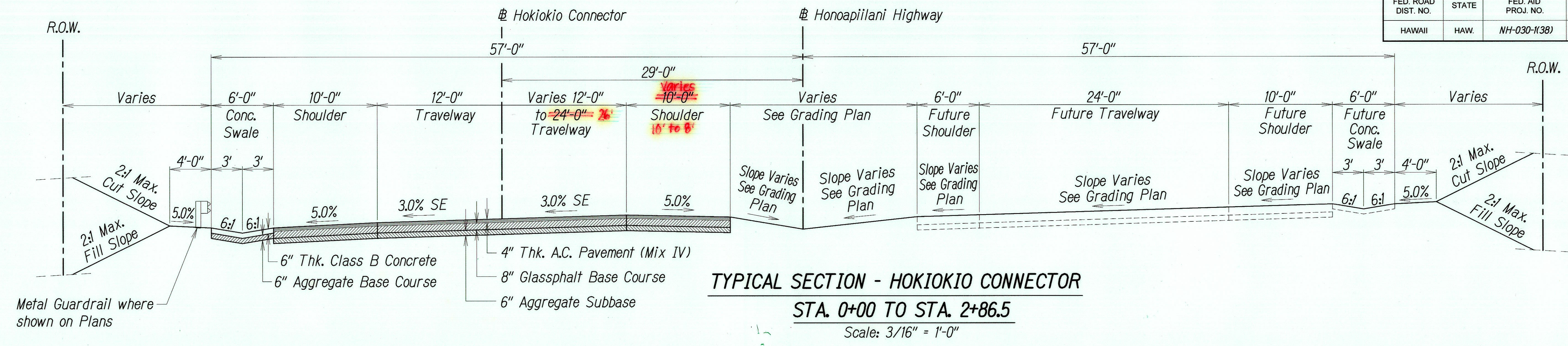
TYPICAL ROADWAY SECTIONS

HONOAPIILANI HIGHWAY REALIGNMENT, PHASE 1B-1
 Lahainaluna Rd. to Hokiokio Pl.
 Federal Aid Project NO. NH-030-K(38)

Scale: 3/16" = 1'-0" Date: November 23, 2009

SHEET No. 6 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-1(38)	2010	14	213



TERRANCE S. ARASHIRO
 LICENSED PROFESSIONAL ENGINEER
 No. 6998-C
 HAWAII, U.S.A.
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STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

TYPICAL ROADWAY SECTIONS

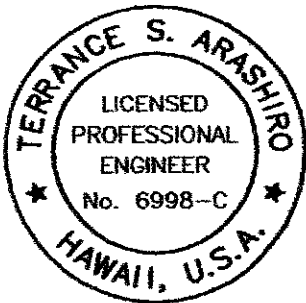
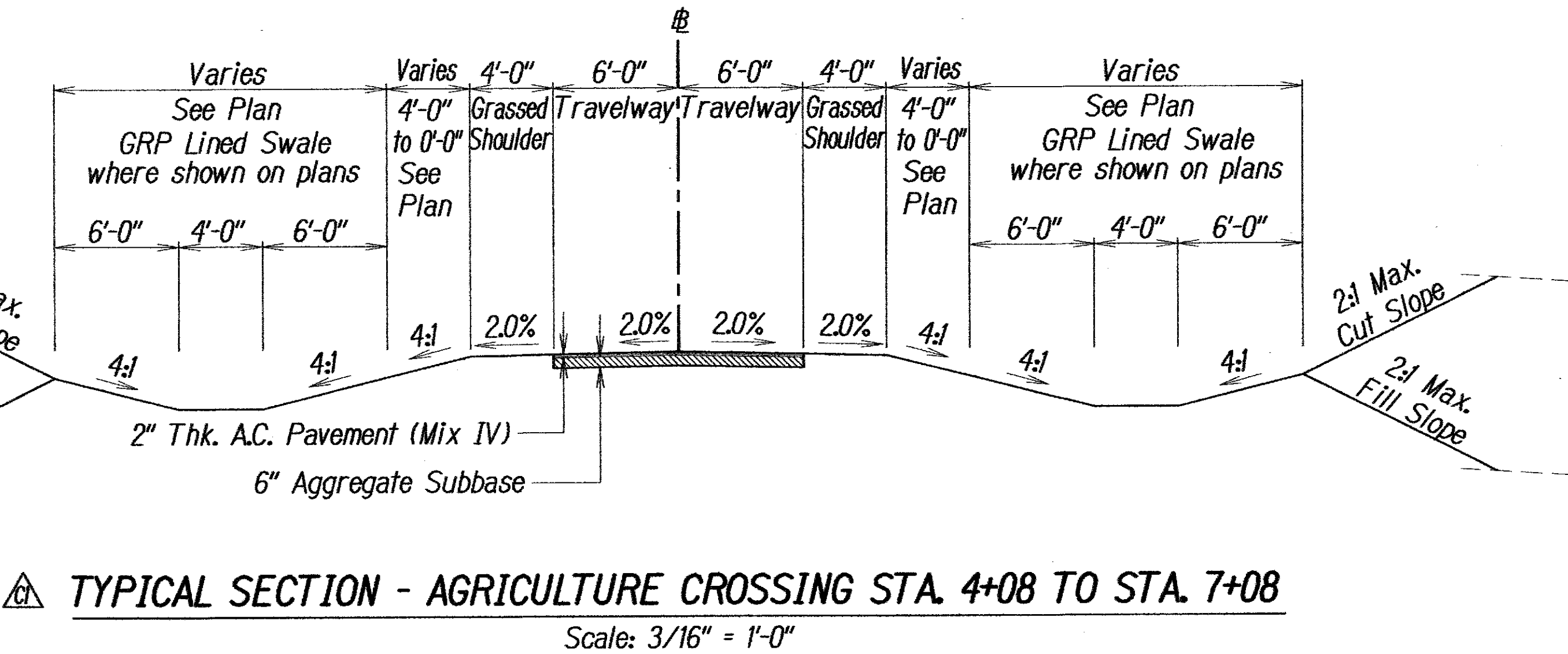
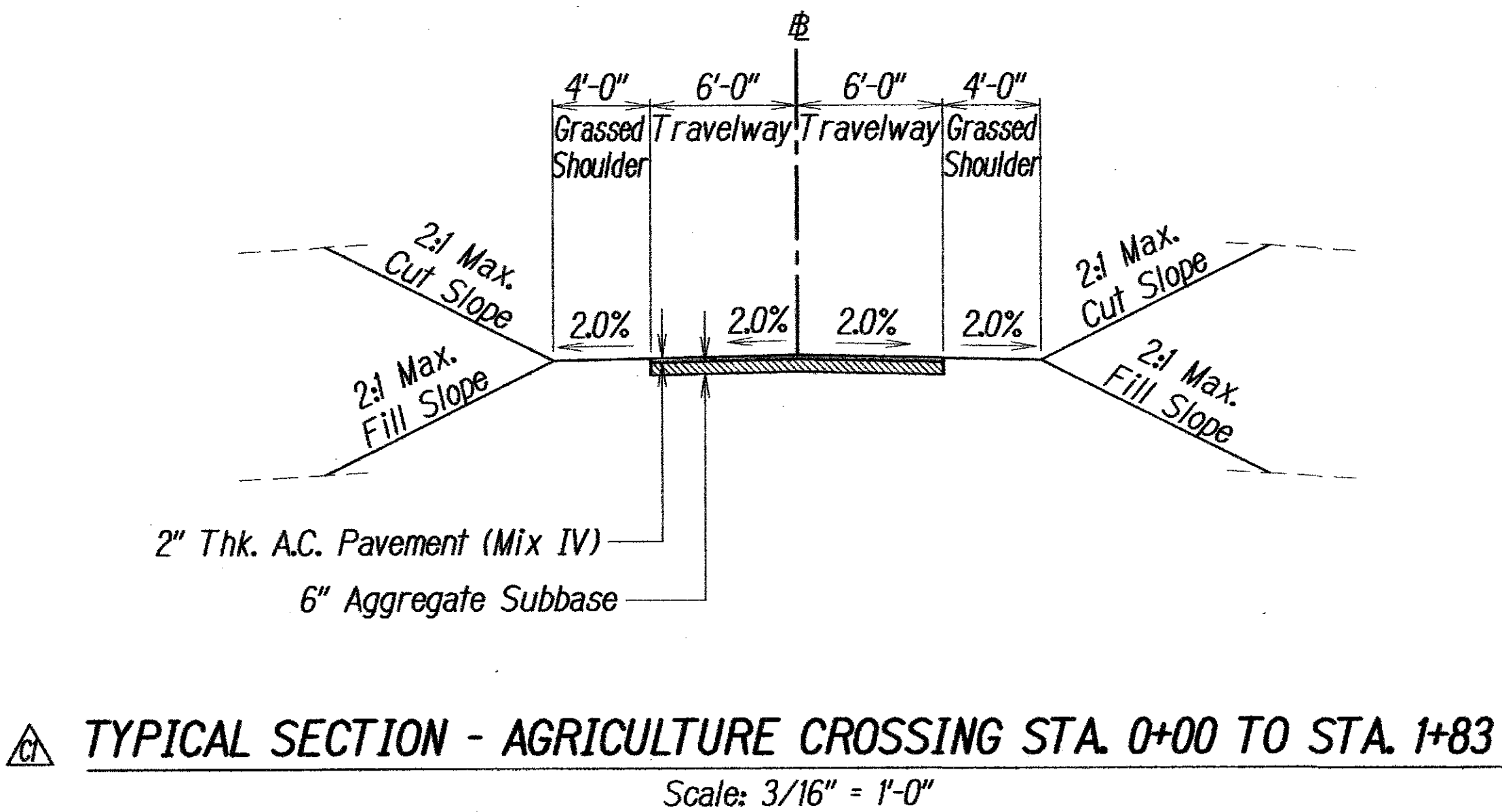
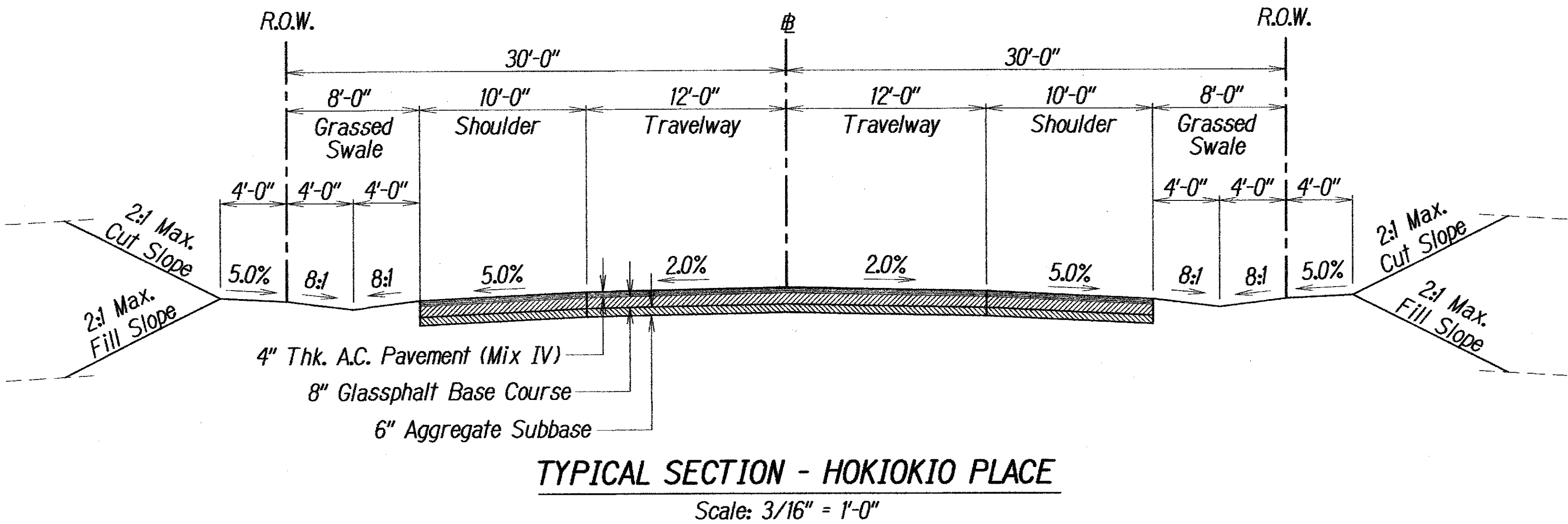
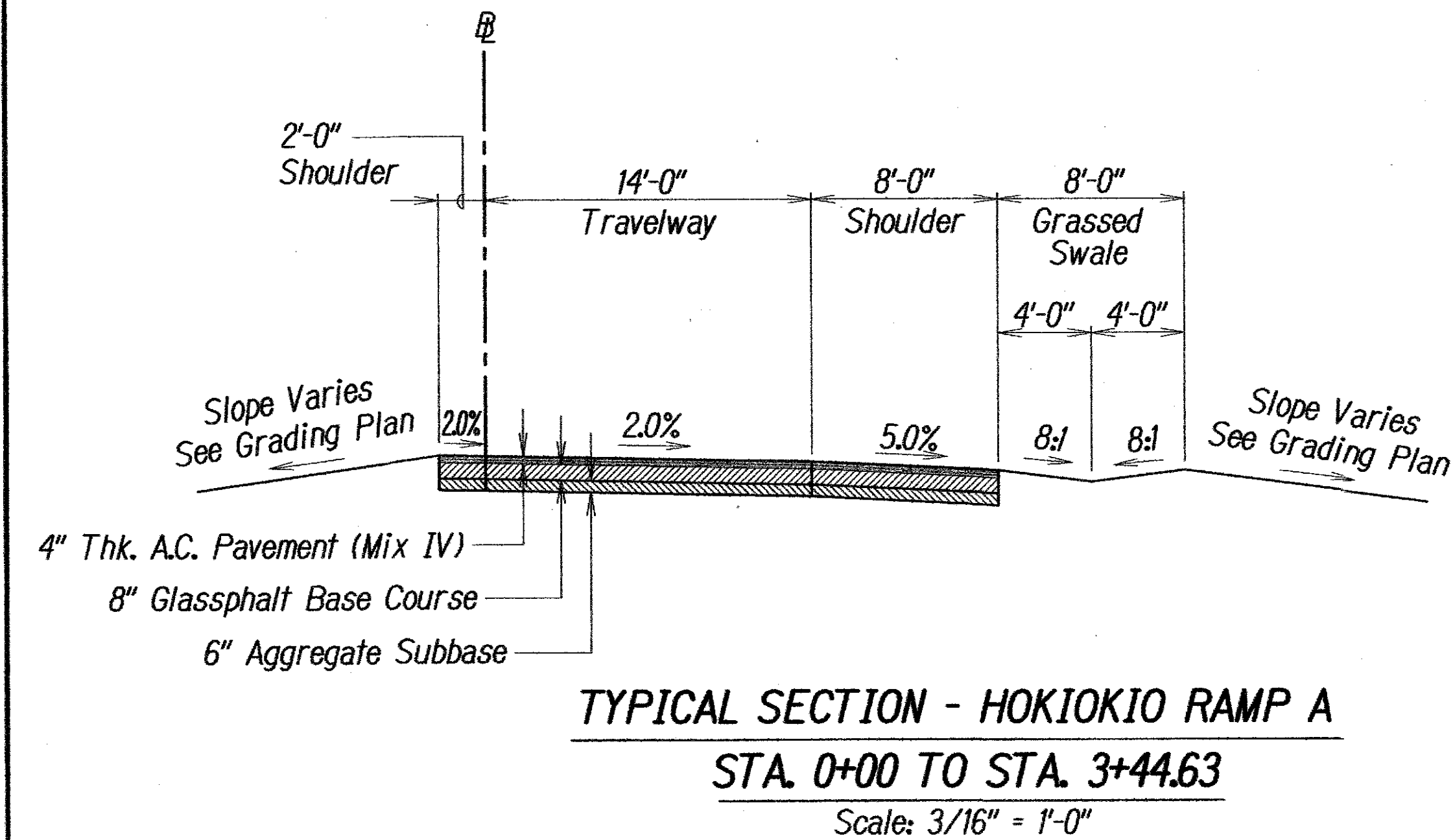
HONOAPIILANI HIGHWAY REALIGNMENT, PHASE 1B-1
 Lahainaluna Rd. to Hokiokio Pl.
 Federal Aid Project NO. NH-030-1(38)

Scale: 3/16" = 1'-0" Date: November 23, 2009

SHEET No. 7 OF 8 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-1(38)	2010	C.O. 15	213



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6/15/11	Added Typical Sections
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
TYPICAL ROADWAY SECTIONS	
HONOAPIILANI HIGHWAY REALIGNMENT, PHASE 1B-1 Lahainaluna Rd. to Hokiokio Pl. Federal Aid Project NO. NH-030-1(38)	
Scale: 3/16" = 1'-0"	Date: November 23, 2009
SHEET No. 8 OF 8 SHEETS	