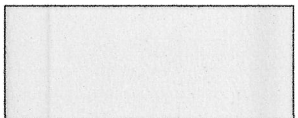


HANA HWY 8.1 CURVE DATA				
	1	2	3	4
Δ	29°19'47"	32°40'55"	16°05'	11°43'11"
$\Delta/2$	14°39'53"	16°20'28"	8°02'30"	5°51'35"
R	160'	60'	150'	500'
T	41.87'	17.59'	41.19'	51.32'
C	81.01'	33.76'	41.97'	102.09'
LC	81.90'	34.22'	42.11'	102.27'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-01-16	2016	29	59

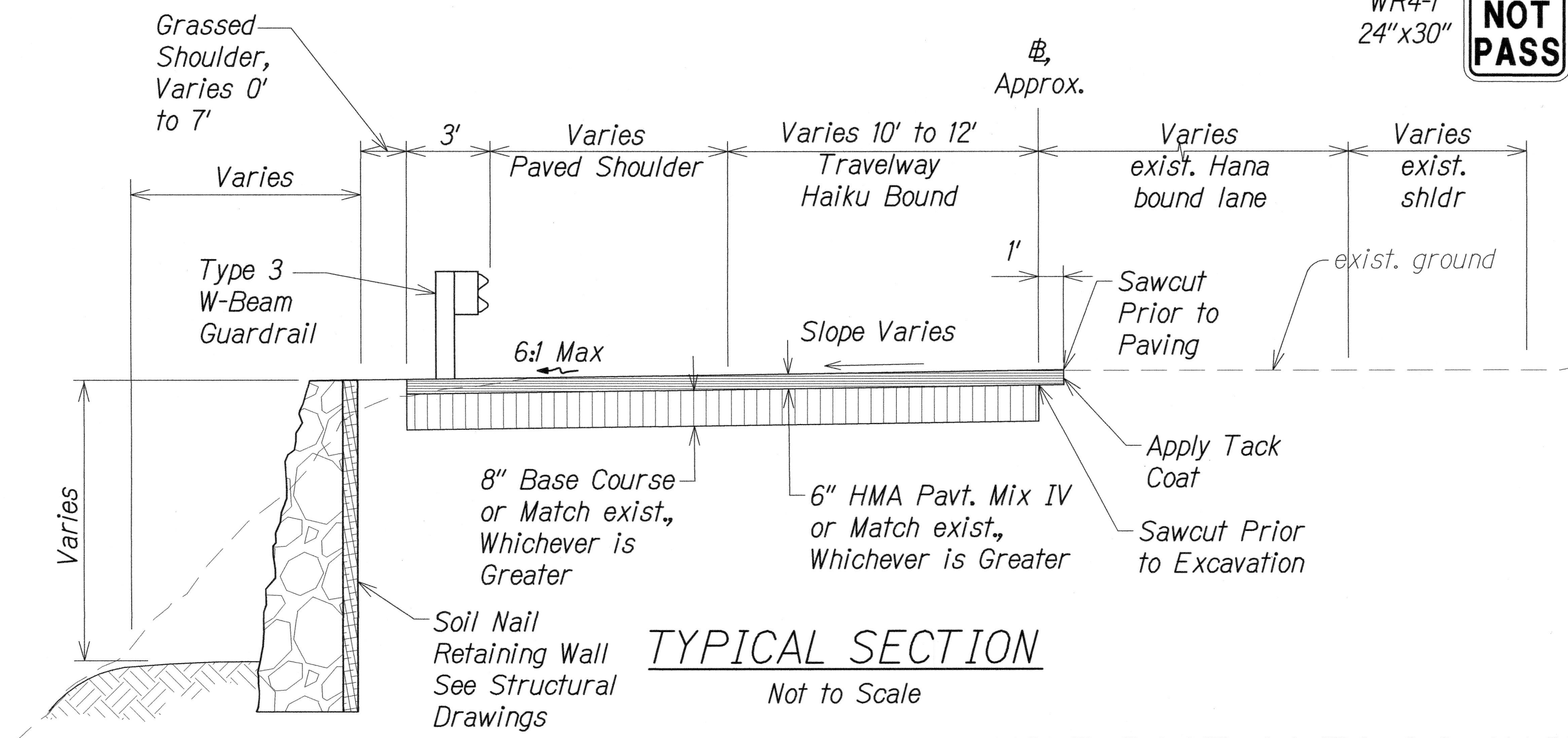
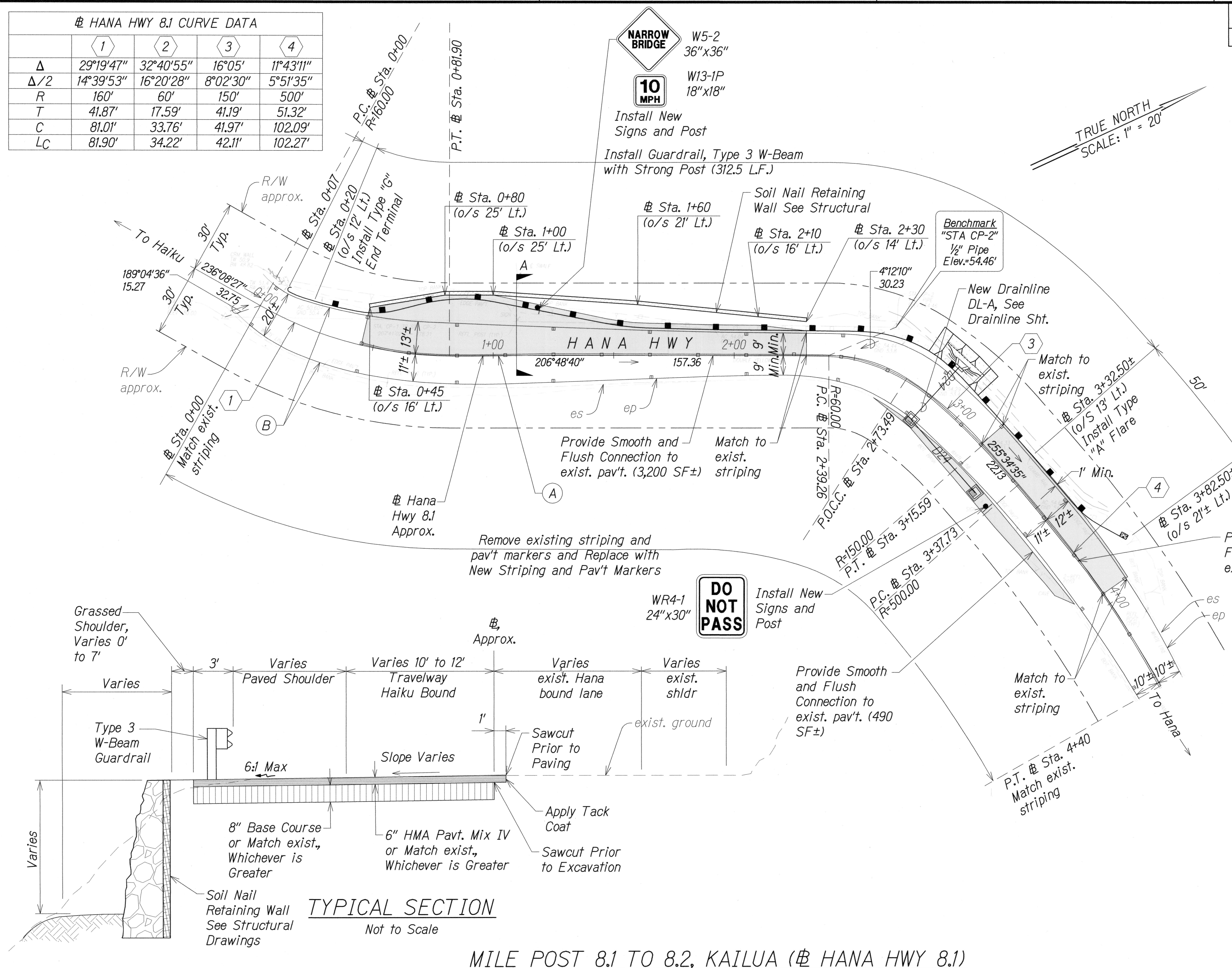
Legend:

-  New HMA Pavement
-  New Retaining Wall

- (A) 4" Wide Double Yellow Stripe with Type "D" RPM at 20' O.C.
- (B) 4" Wide Solid White Stripe with Type "C" RPM at 40' O.C.

Note:

Contractor to Span Guardrail Posts to Avoid New Drainline



MILE POST 8.1 TO 8.2, KAILUA (HANA HWY 8.1)



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hml
 WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ROADWAY PLANS

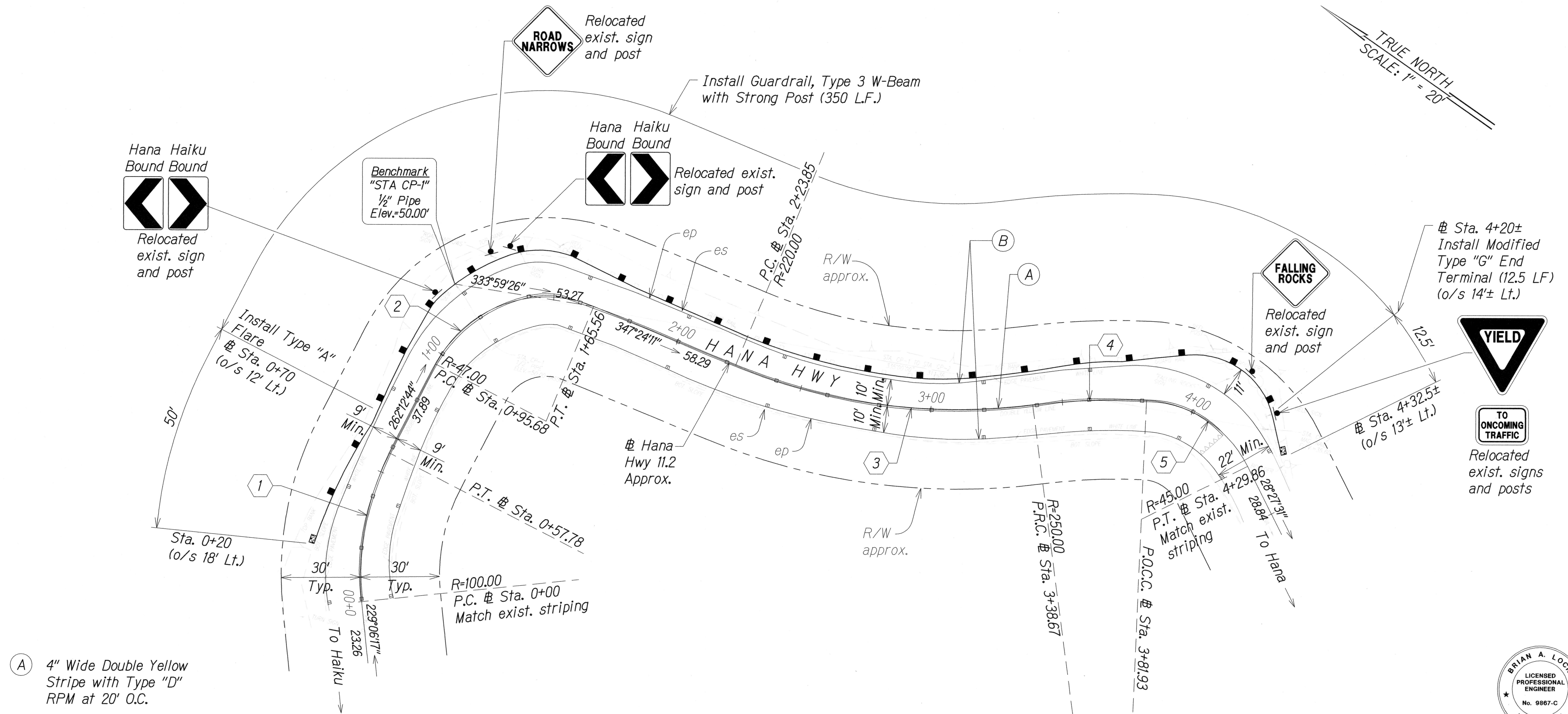
HANA HIGHWAY
 IMPROVEMENTS, PHASE 2B
 Huelo to Hana

Project No. 360AB-01-16

Scale: 1" = 20' Date: March 2016

SHEET No. RP-1 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-01-16	2016	30	59

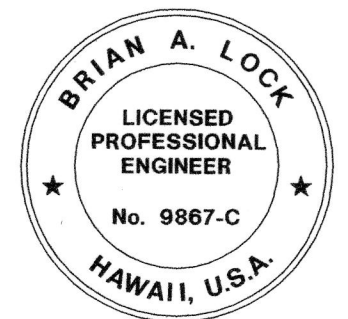


- (A) 4" Wide Double Yellow Stripe with Type "D" RPM at 20' O.C.
- (B) 4" Wide Solid White Stripe with Type "C" RPM at 40' O.C.

HANA HWY 11.2 CURVE DATA					
	1	2	3	4	5
Δ	33°06'26"	85°11'27"	29°54'13"	9°54'55"	61°01'09"
$\Delta/2$	16°33'13"	42°35'43"	14°57'17"	4°57'27"	30°29'50"
R	100'	47'	220'	250'	45'
T	29.72'	43.21'	58.75'	21.69'	26.52'
C	56.98'	63.62'	113.52'	43.21'	45.69'
LC	57.78'	69.88'	114.82'	43.26'	47.94'

MILE POST 11.2, PAPAEEA (HANA HWY 11.2)

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



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HIGHWAYS DIVISION

ROADWAY PLANS

HANA HIGHWAY
IMPROVEMENTS, PHASE 2B
Huelo to Hana

Project No. 360AB-01-16

Scale: 1" = 20' Date: March 2016

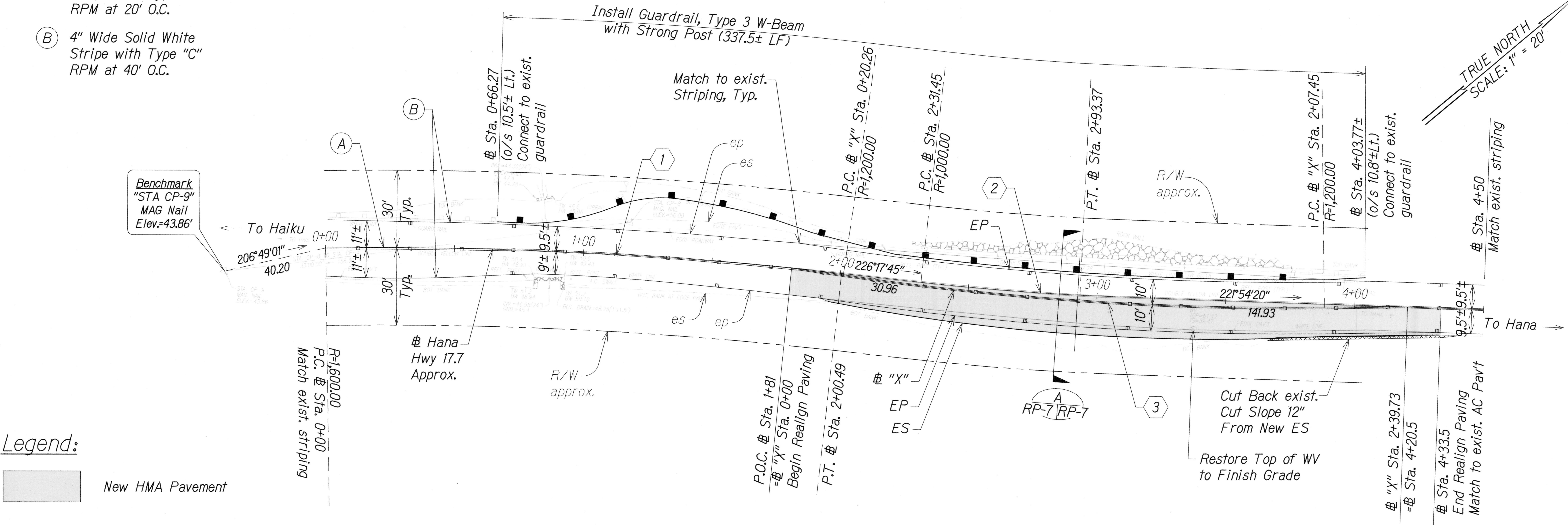
SHEET No. RP-2 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-01-16	2016	31	59

- A

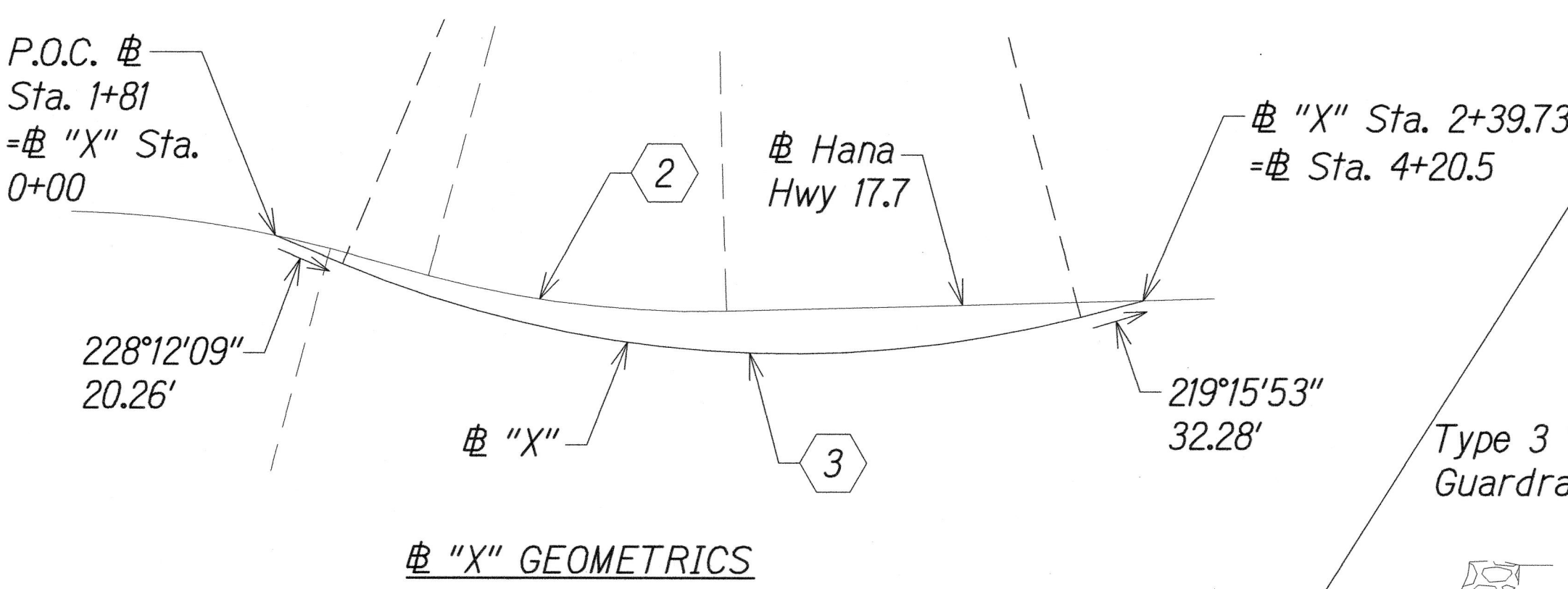
4" Wide Double Yellow Stripe with Type "D" RPM at 20' O.C.
- B

4" Wide Solid White Stripe with Type "C" RPM at 40' O.C.

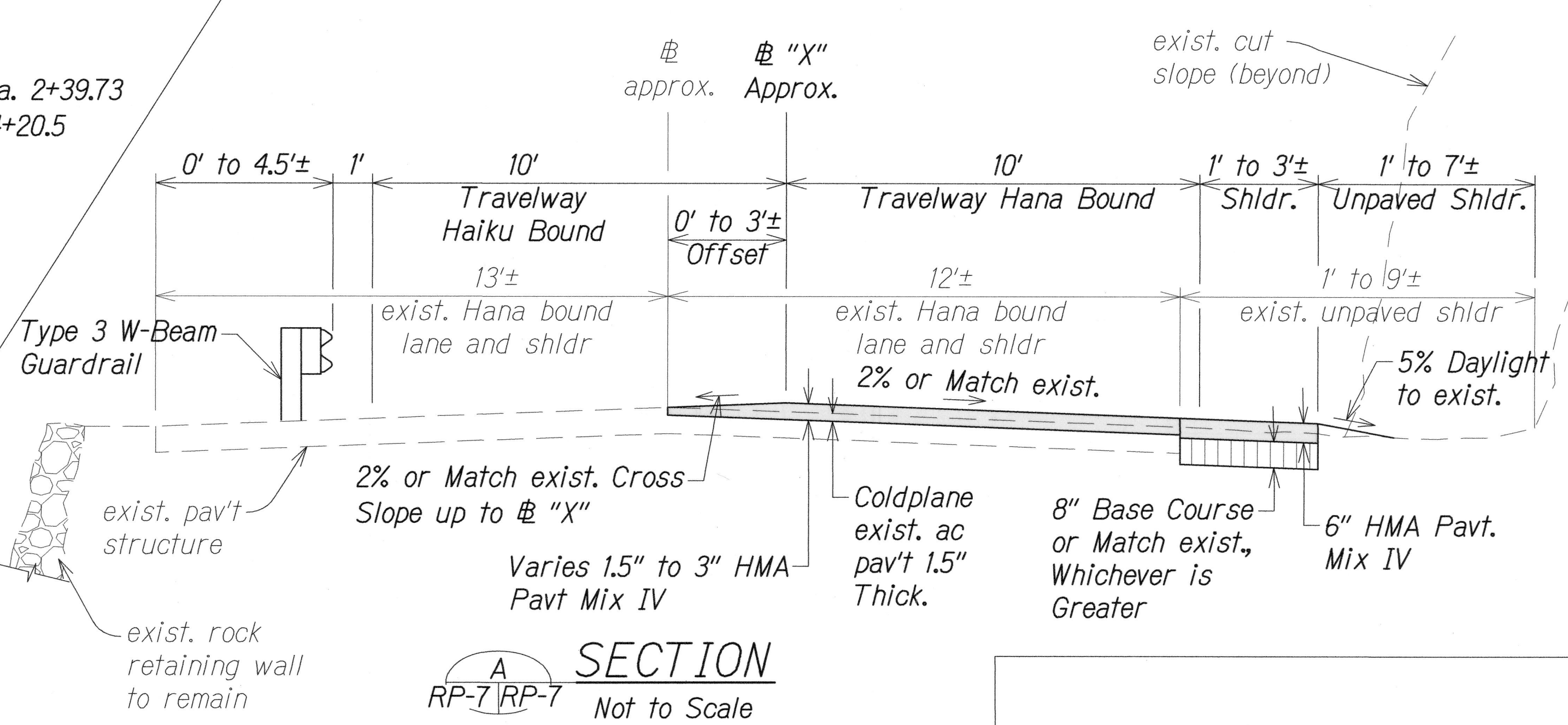


Legend:

New HMA Pavement



ⓧ HANA HWY 17.7 CURVE DATA		ⓧ "X" CURVE DATA	
	1	2	3
Δ	7°10'47"	4°23'24"	8°56'16"
Δ/2	3°35'23"	2°11'42"	4°28'8"
R	1,600'	1,000'	1,200'
T	100.38'	38.33'	93.79'
C	200.36'	76.60'	187'
LC	200.49'	76.62'	187.19'



MILE POST 17.7, WAIANU (ⓧ HANA HWY 17.7)

BRIAN A. LOCK

LICENSED PROFESSIONAL ENGINEER

No. 9887-C

HAWAII, U.S.A.

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LIC. EXP. DATE

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

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ROADWAY PLANS

HANA HIGHWAY IMPROVEMENTS, PHASE 2B

Huelo to Hana

Project No. 360AB-01-16

Scale: 1" = 20'

Date: March 2016

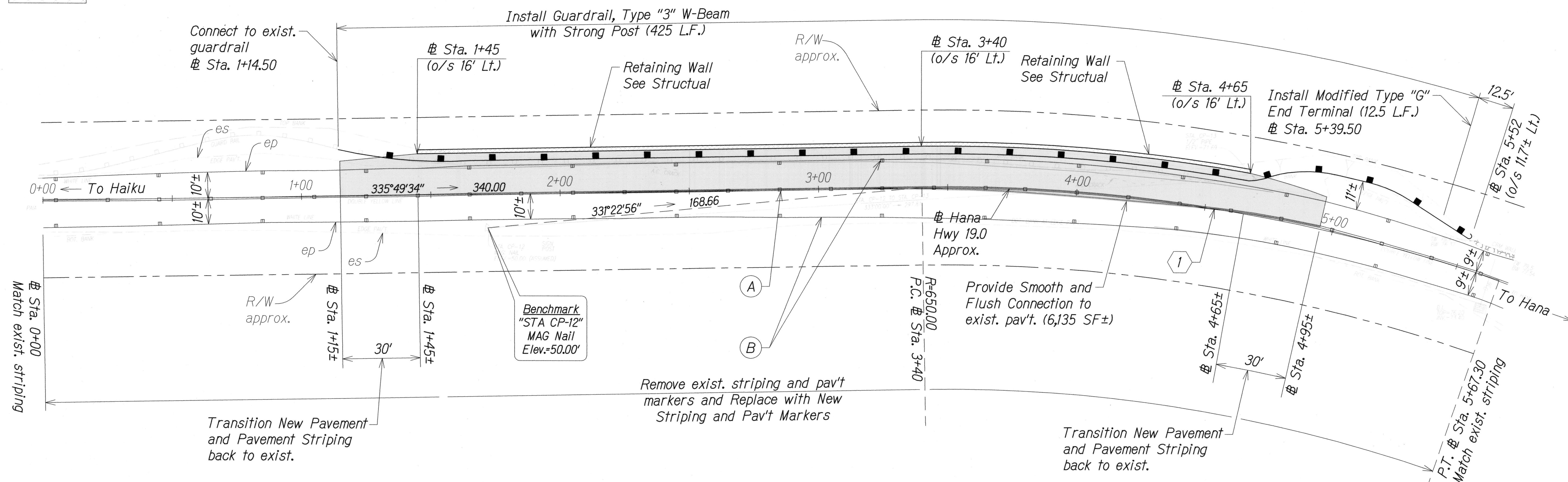
SHEET No. RP-3 OF 5 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-01-16	2016	32	59

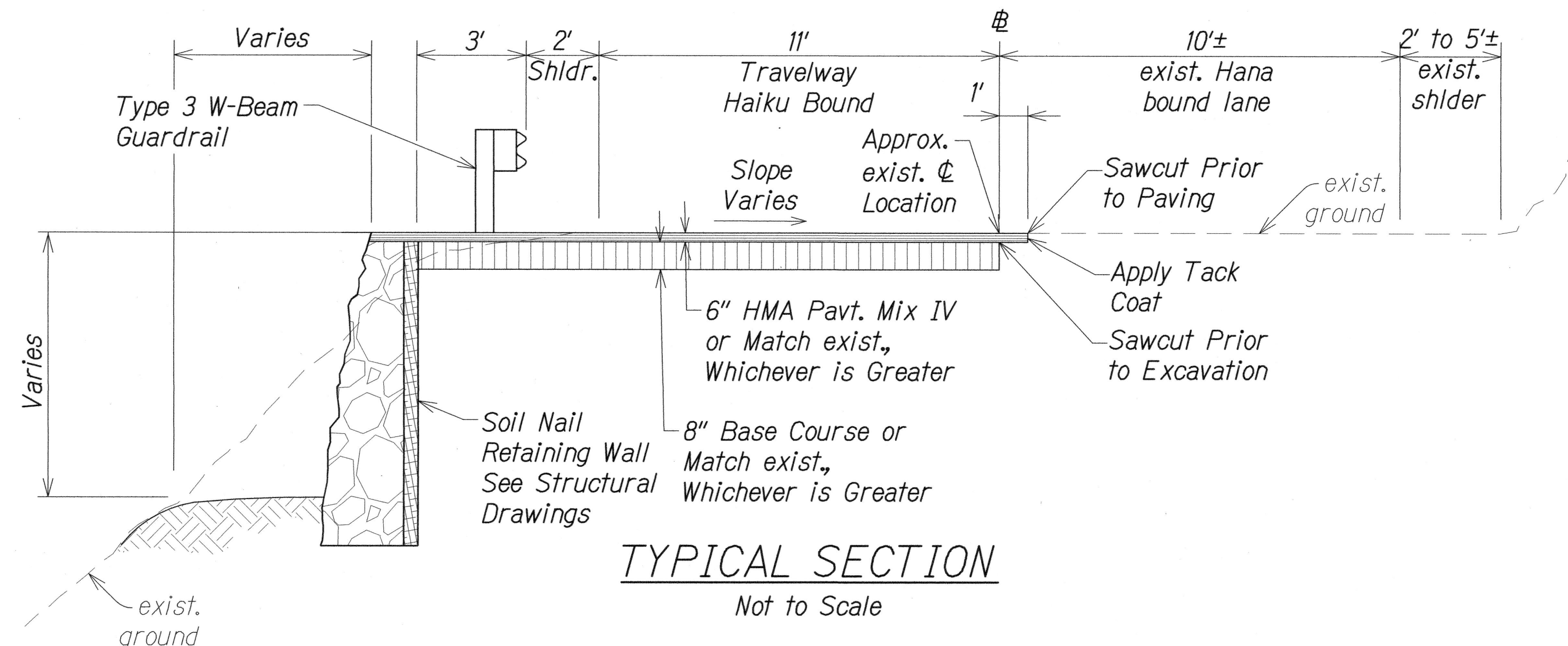
Legend:

- New HMA Pavement
- New Retaining Wall



- (A) 4" Wide Double Yellow Stripe with Type "D" RPM at 20' O.C.
- (B) 4" Wide Solid White Stripe with Type "C" RPM at 40' O.C.

HANA HWY 19.0 CURVE DATA	
	1
Δ	20°02'09"
$\Delta/2$	10°01'04"
R	650'
T	114.82'
C	226.14'
LC	227.30'



TYPICAL SECTION
Not to Scale

MILE POST 19.0, WAIKANE (HANA HWY 19.0)



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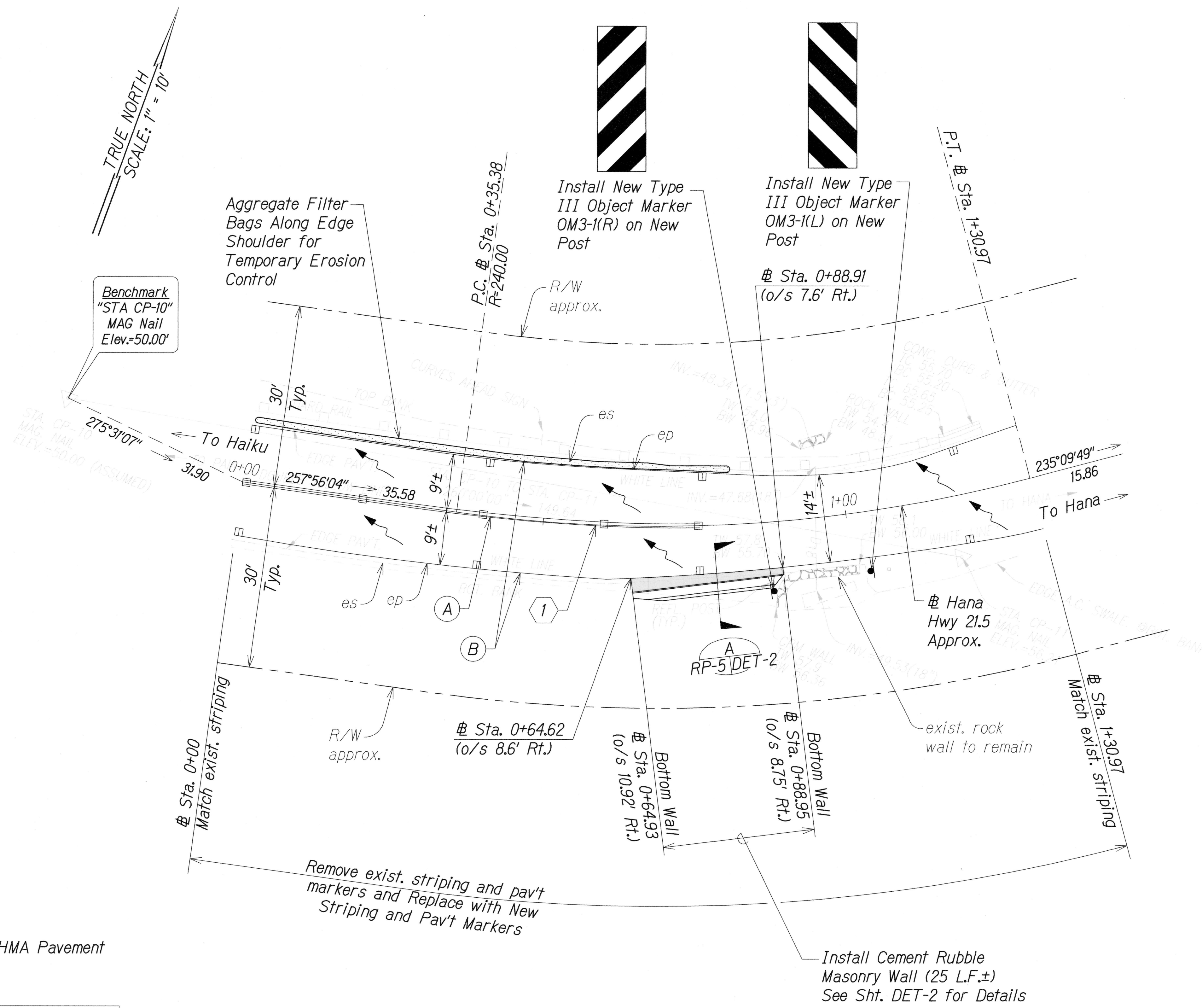
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

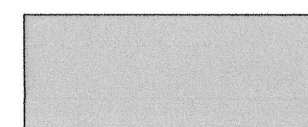
HANA HIGHWAY
IMPROVEMENTS, PHASE 2B
Huelo to Hana
Project No. 360AB-01-16
Scale: 1" = 20' Date: March 2016

SHEET No. RP-4 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-01-16	2016	33	59



Legend:

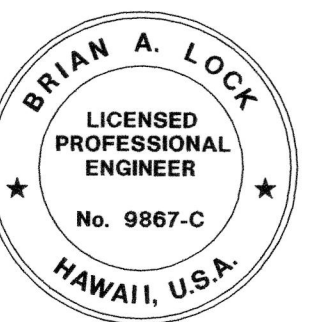


New HMA Pavement

HANA HWY 21.5 CURVE DATA	
	1
Δ	22°46'15"
$\Delta/2$	11°23'08"
R	240'
T	48.33'
C	94.76'
LC	95.38'

- (A) 4" Wide Double Yellow Stripe with Type "D" RPM at 20' O.C.
- (B) 4" Wide Solid White Stripe with Type "C" RPM at 40' O.C.

MILE POST 21.5, WAILUA IKI (HANA HWY 21.5)



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STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
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ROADWAY PLANS

HANA HIGHWAY
 IMPROVEMENTS, PHASE 2B
 Huelo to Hana
 Project No. 360AB-01-16
 Scale: 1" = 10' Date: March 2016

SHEET No. RP-5 OF 5 SHEETS