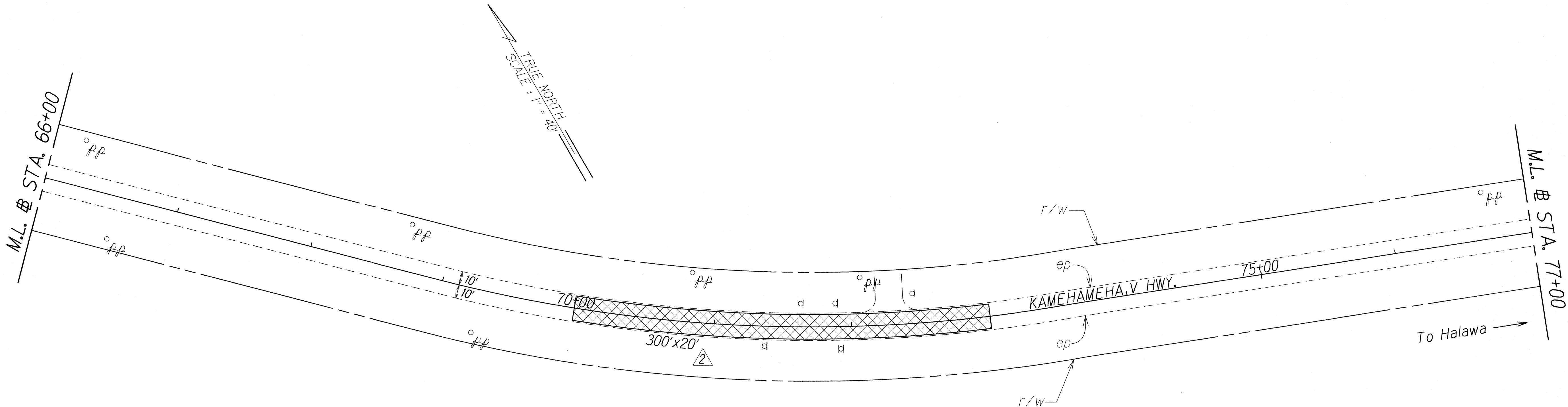
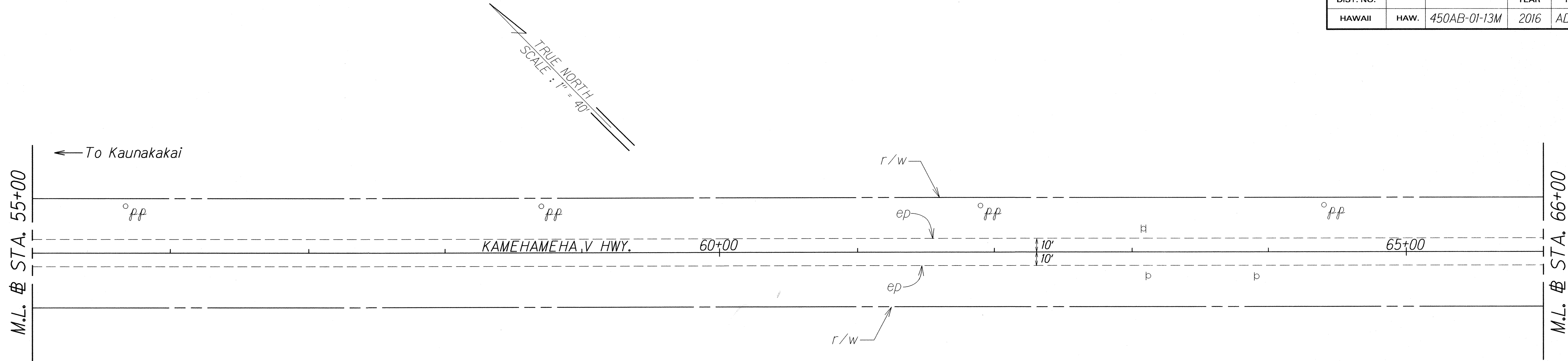


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450AB-01-13M	2016	ADD.9	32



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
No. 1000	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

4-27-16 Change Reconstruction Width.

DATE

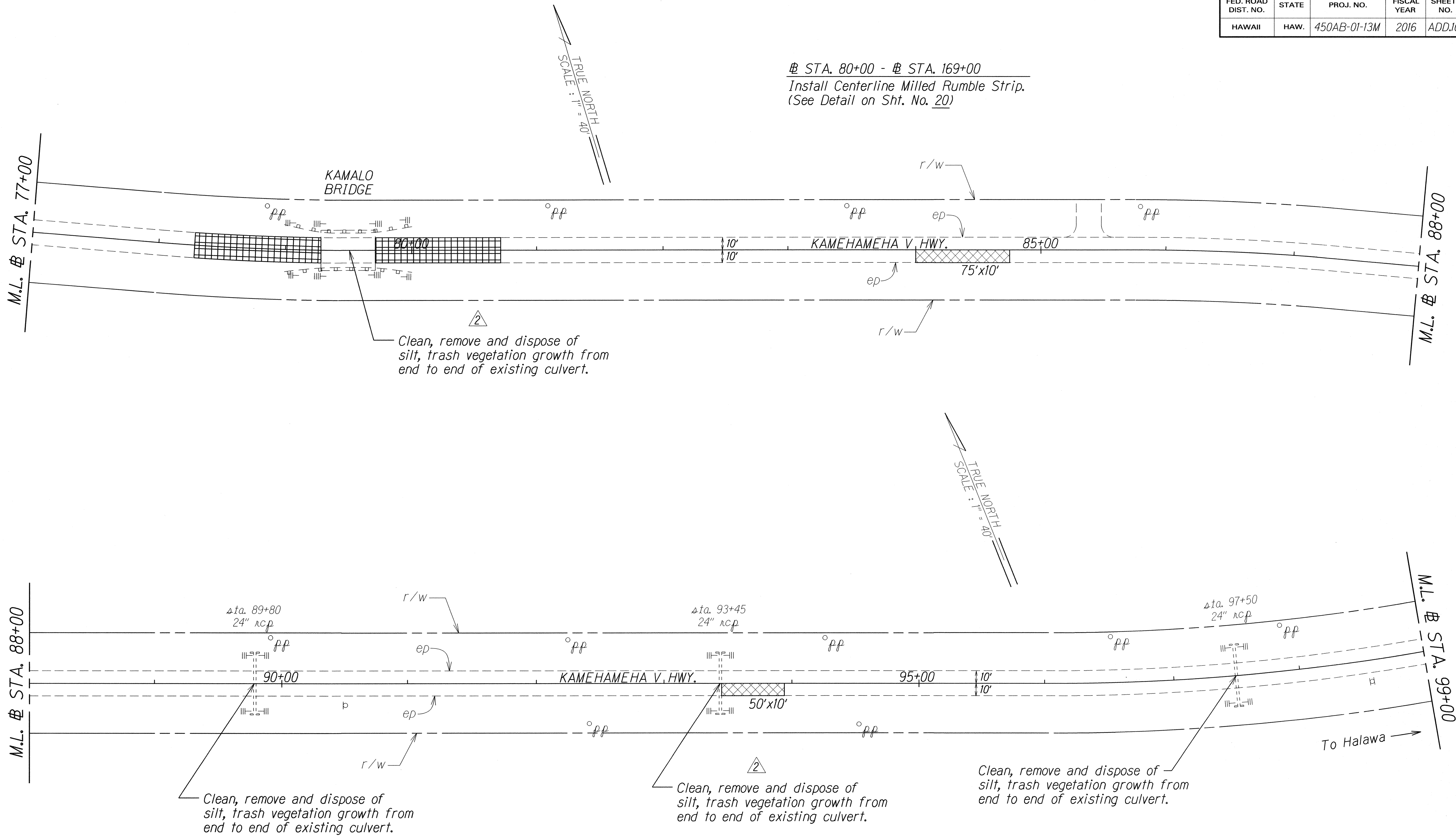
REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
KAMEHAMEHA V HIGHWAY RESURFACING
Kapuokoolau to Kamalo
Project No. 450AB-01-13M

Scale: 1" = 40' Date: February, 2016
SHEET No. 2 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450AB-01-13M	2016	ADD.10	32



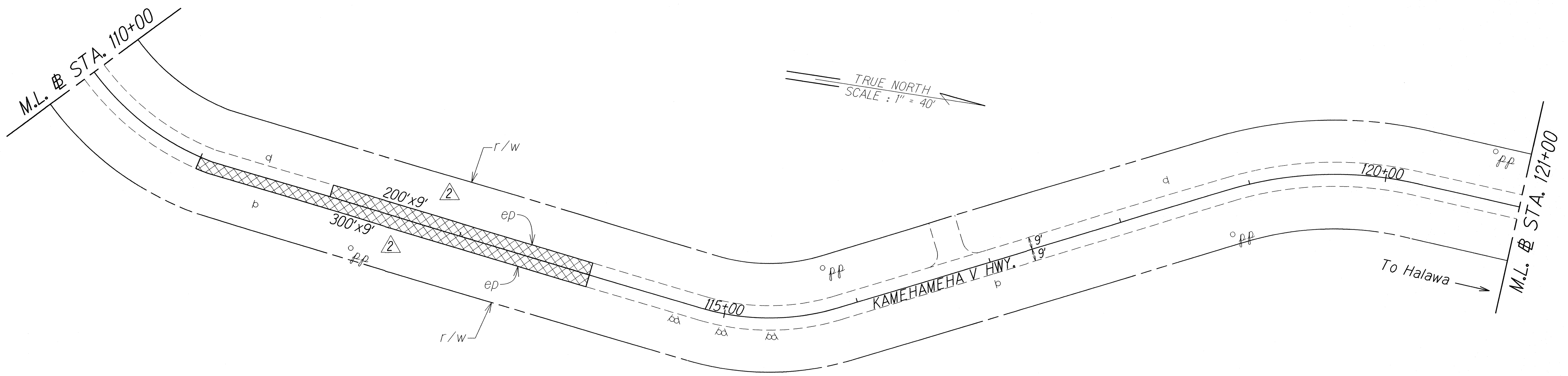
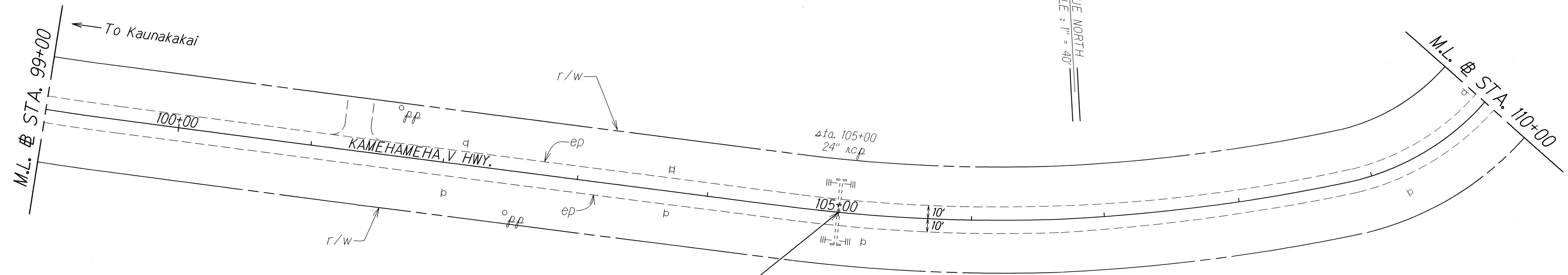
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

4-27-16 Add Culvert Notes.

DATE REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
ROADWAY PLAN
KAMEHAMEHA V HIGHWAY RESURFACING Kapuokoolau to Kamalo Project No. 450AB-01-13M
Scale: 1" = 40' Date: February, 2016
SHEET No. 3 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450AB-01-13M	2016	ADD.11	32



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	

2 4-27-16 Change Reconstruction Width.

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

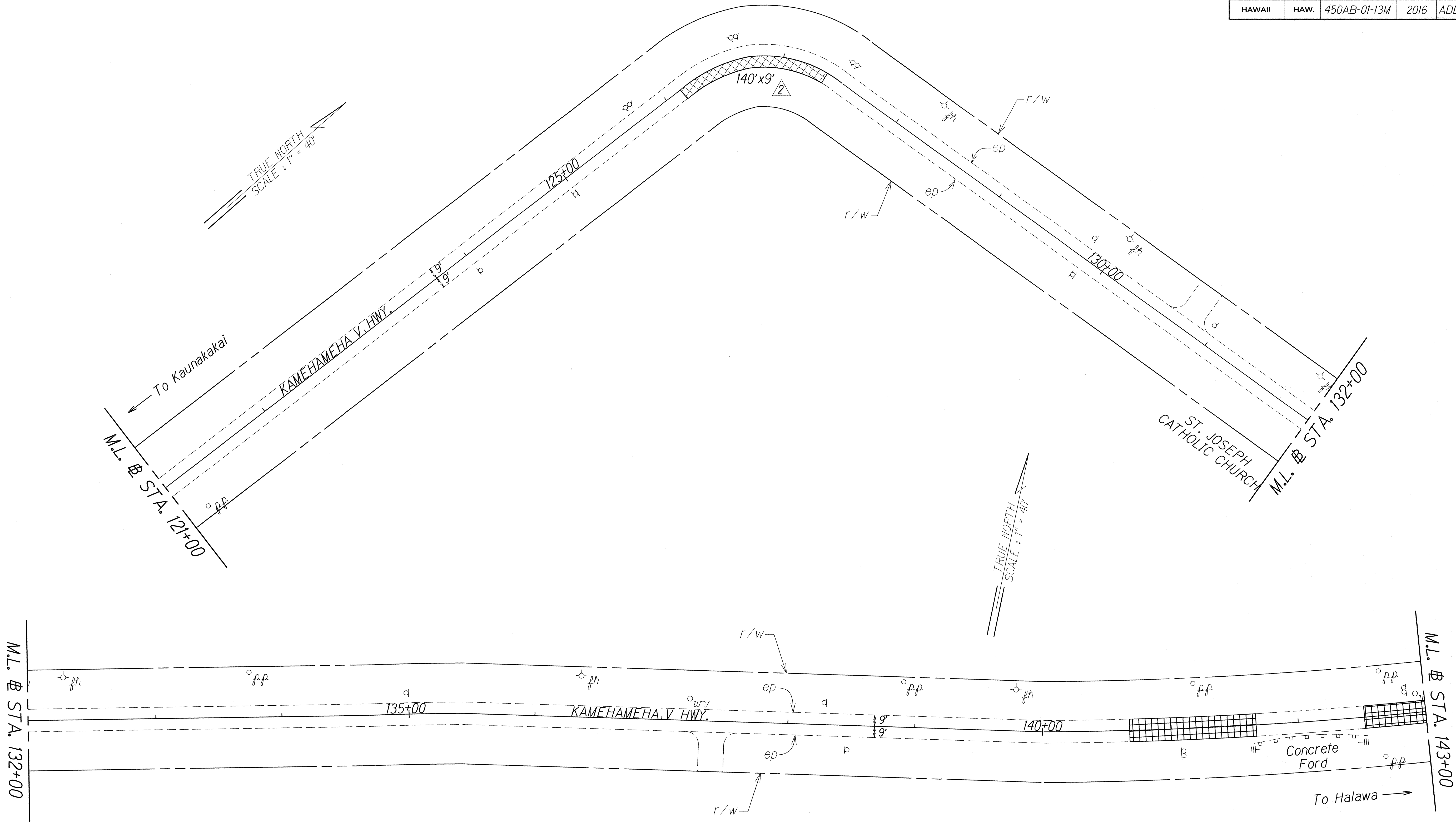
ROADWAY PLAN

KAMEHAMEHA V HIGHWAY RESURFACING
Kapukoolau to Kamalo
Project No. 450AB-01-13M

Scale: 1" = 40' Date: February, 2016

SHEET No. 4 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450AB-01-13M	2016	ADD.12	32



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
QUANTITIES BY	CHECKED BY	

4-27-16	Change Reconstruction Width.
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DATE	REVISION
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KAMEHAMEHA V HIGHWAY RESURFACING

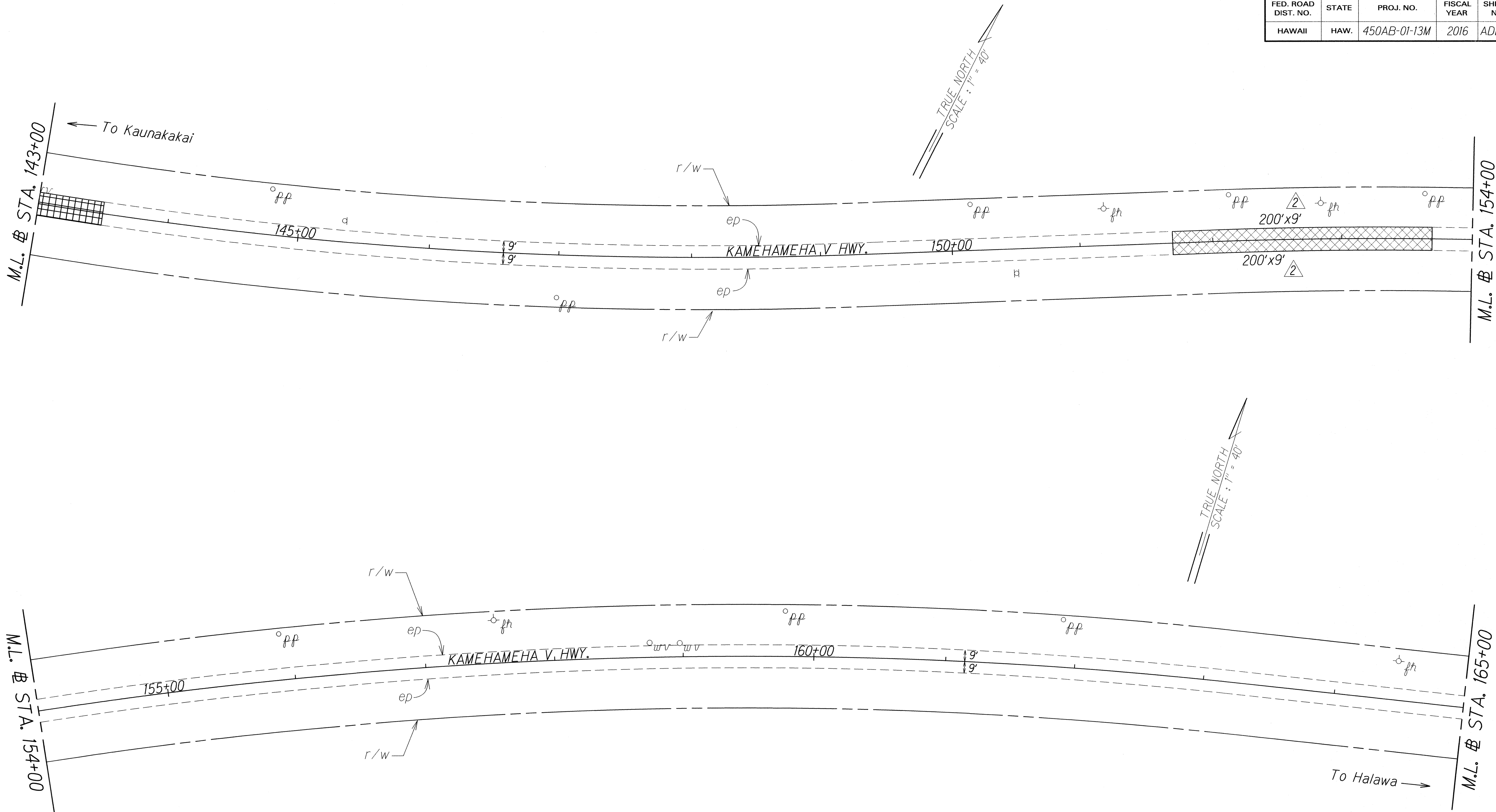
Kapukukoolau to Kamalo

Project No. 450AB-01-13M

Scale: 1" = 40' Date: February, 2016

SHEET No. 5 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450AB-01-13M	2016	ADD.13	32



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
DATA	DESIGNED BY	
ADD.	QUANTITIES BY	
	CHECKED BY	

4-27-16 Change Reconstruction Width.

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

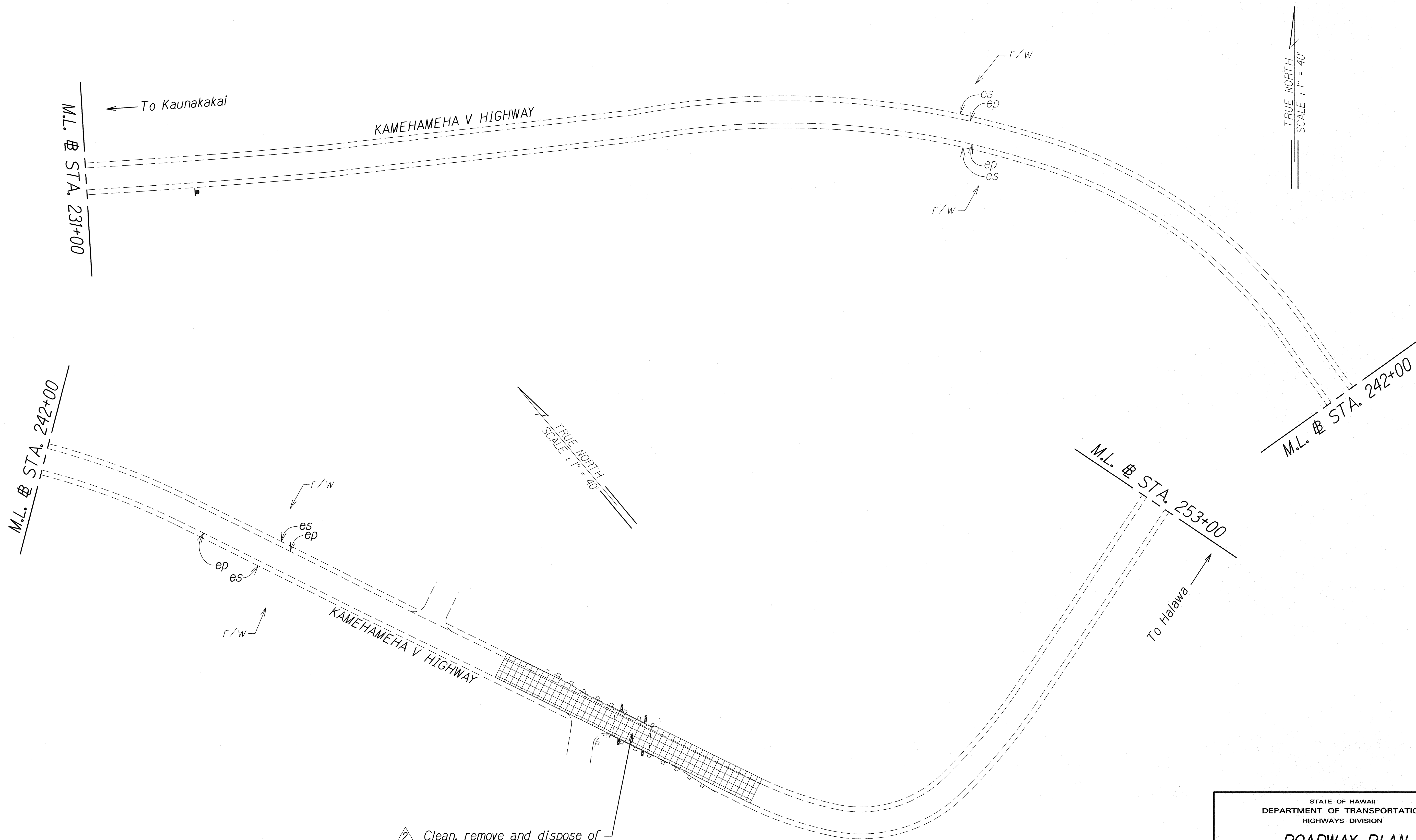
ROADWAY PLAN

KAMEHAMEHA V HIGHWAY RESURFACING
Kapuokoolau to Kamalo
Project No. 450AB-01-13M

Scale: 1" = 40' Date: February, 2016

SHEET No. 6 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450AB-01-13M	2016	ADD.17	32



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

4-27-16 Add Culvert Notes.

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KAMEHAMEHA V HIGHWAY RESURFACING
Kapuokoolau to Kamalo
Project No. 450AB-01-13M

Scale: 1" = 40' Date: February, 2016

SHEET No. 10 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450AB-01-13M	2016	ADD.19	32

LEGEND

4 each Type A Raised Pavement Markers
Type C Raised Pavement Markers @ 40'-0" o.c.

4 each Type J Raised Pavement Markers
Type D Raised Pavement Markers @ 40'-0" o.c.

8" White Stripe with Type C Raised Pavement Markers @ 20'-0" o.c. (Thermoplastic)

4" Double Solid Yellow with Type D Raised Pavement Markers @ 20'-0" o.c. (Thermoplastic)

4" Double Solid Yellow Stripes with Type H Raised Pavement Markers @ 20'-0" o.c. (Thermoplastic)

4" Yellow Edge Stripe with Type H Raised Pavement Markers @ 40'-0" o.c. (Thermoplastic)

4" Double Solid White Stripes with Type C Raised Pavement Markers @ 20'-0" o.c. (Thermoplastic)

Lane Change Restriction Marking
4 each Type A Raised Pavement Markers
Unless Noted Otherwise in The Plans
Type C Raised Pavement Markers @ 20'-0" o.c.
4" White Stripe (Thermoplastic)

4" or 8" White Edge Stripe with Type C Raised Pavement Markers @ 40'-0" o.c. (Thermoplastic)

4" White Guide Lines (Thermoplastic)

Transverse Median Marking (Thermoplastic)

Transverse Shoulder Marking (Thermoplastic)

Channelizing Island or Deceleration Lane Gore (Thermoplastic)

Crosswalk and Stop Line. All Stop Lines shall be 10'-0" from Crosswalk unless otherwise noted. The circled number indicates the number of lanes for payment (Thermoplastic)

Pavement Arrow (Thermoplastic)

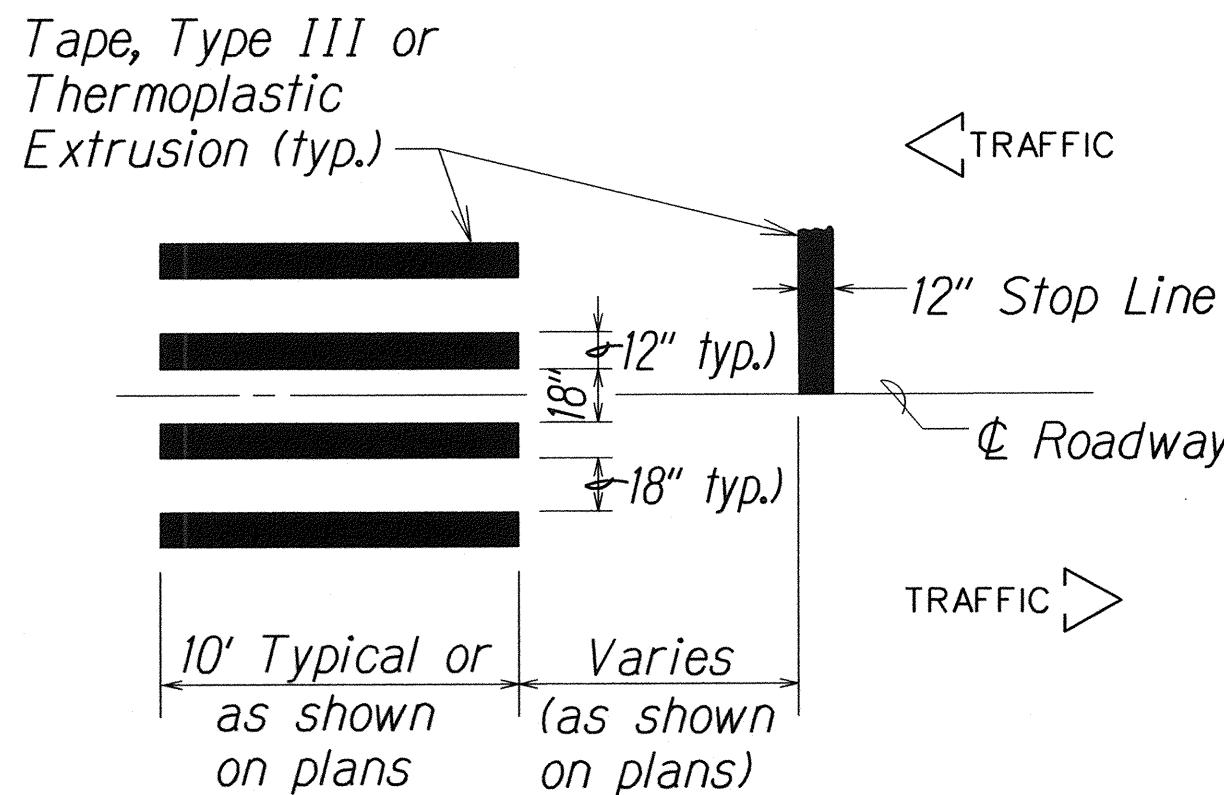
Pavement Word (Thermoplastic)

4 Each Type J Raised Pavement Markers
Type D Raised Pavement Markers @ 40'-0" o.c.
Type H Raised Pavement Markers (Reflective Surface facing no-passing direction)
4" Single Solid Yellow Stripe (Thermoplastic)

Extension of Edge Line, 4" Wide x 2'-0" Long White Stripe @ 10'-0" o.c. w/Type C Markers @ 40'-0" o.c. (Thermoplastic)

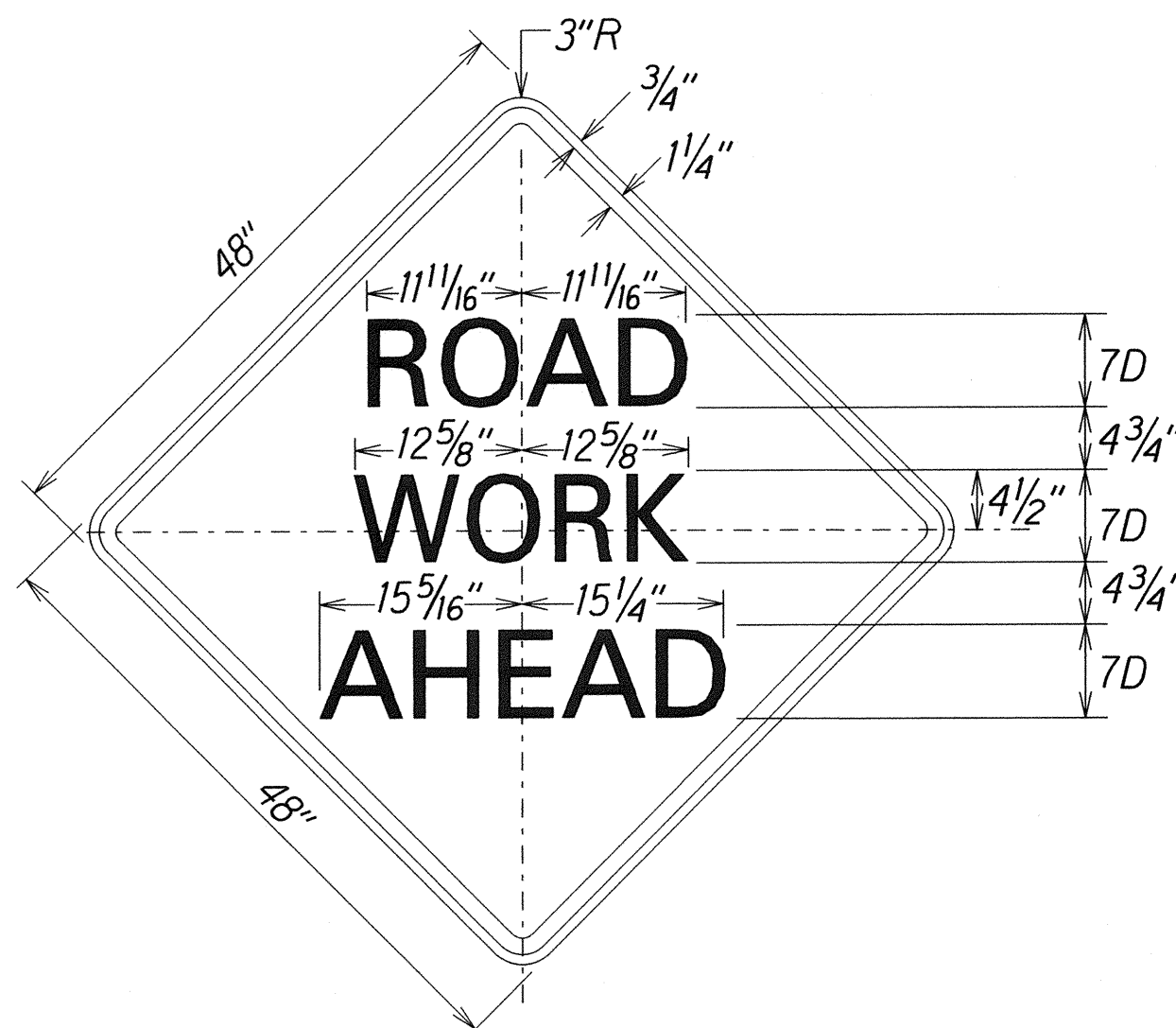
Reflector Marker (RM-2, White) w/steel post

Reflector Marker (RM-2, White) w/flexible post

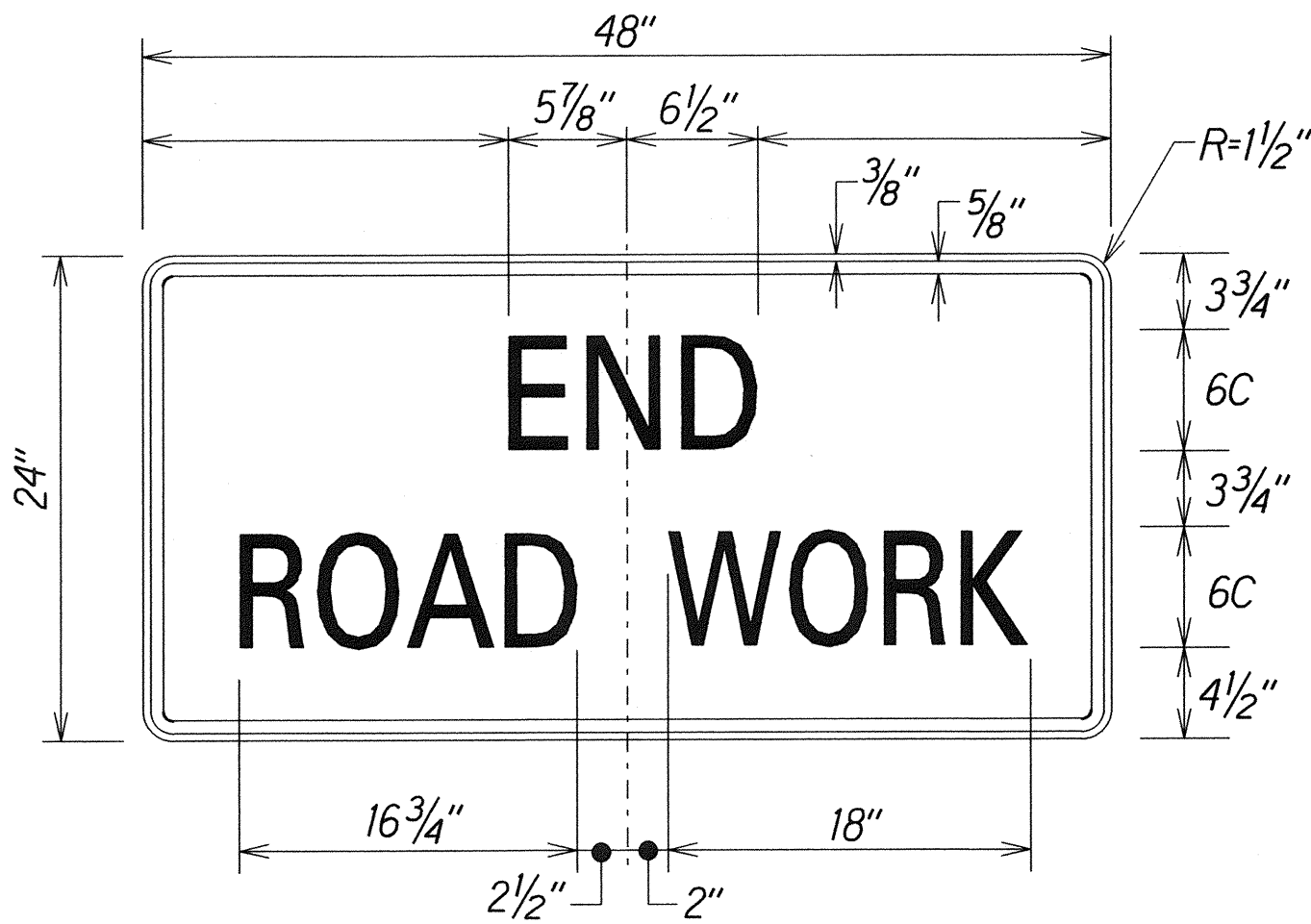


DETAIL "A"

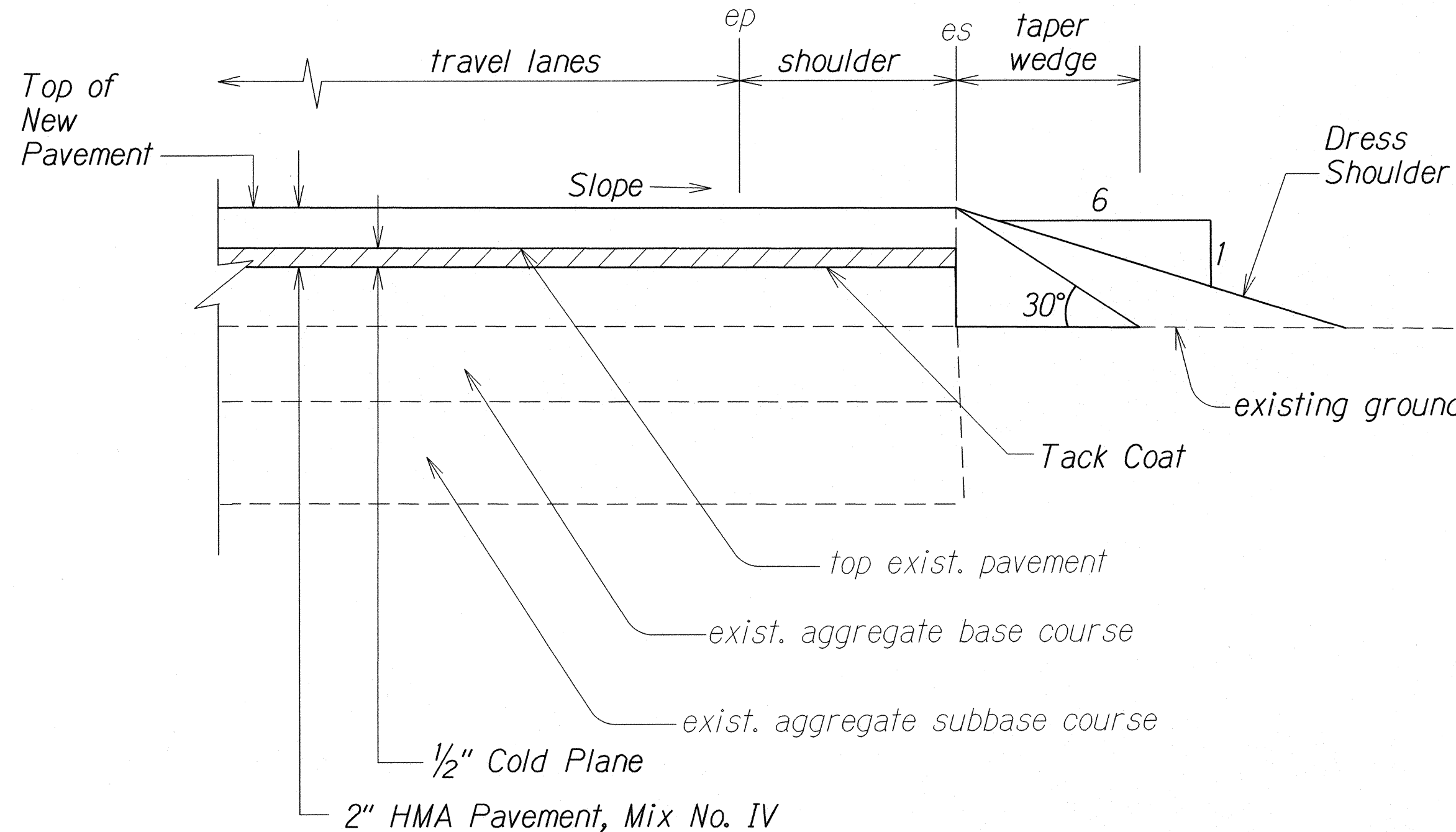
CROSSWALK STRIPING DETAIL
Not to Scale



Colors:
Legend: Black (Non Refl)
Background: Orange

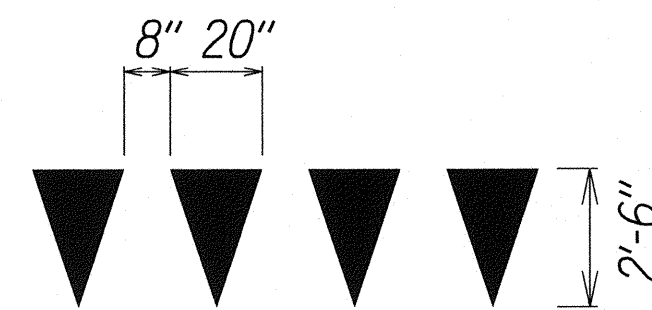


Colors:
Legend: Black (Non Refl)
Background: Orange (Relf)



Note: Contractor shall mount a device directly on the paver screed extension to provide a 30° beveled shoulder edge.

2 TYPICAL PAVEMENT EDGE DETAIL
Not To Scale



YIELD LINE DETAIL
Not to Scale

4-27-16 Add Typical Pavement Edge Detail.

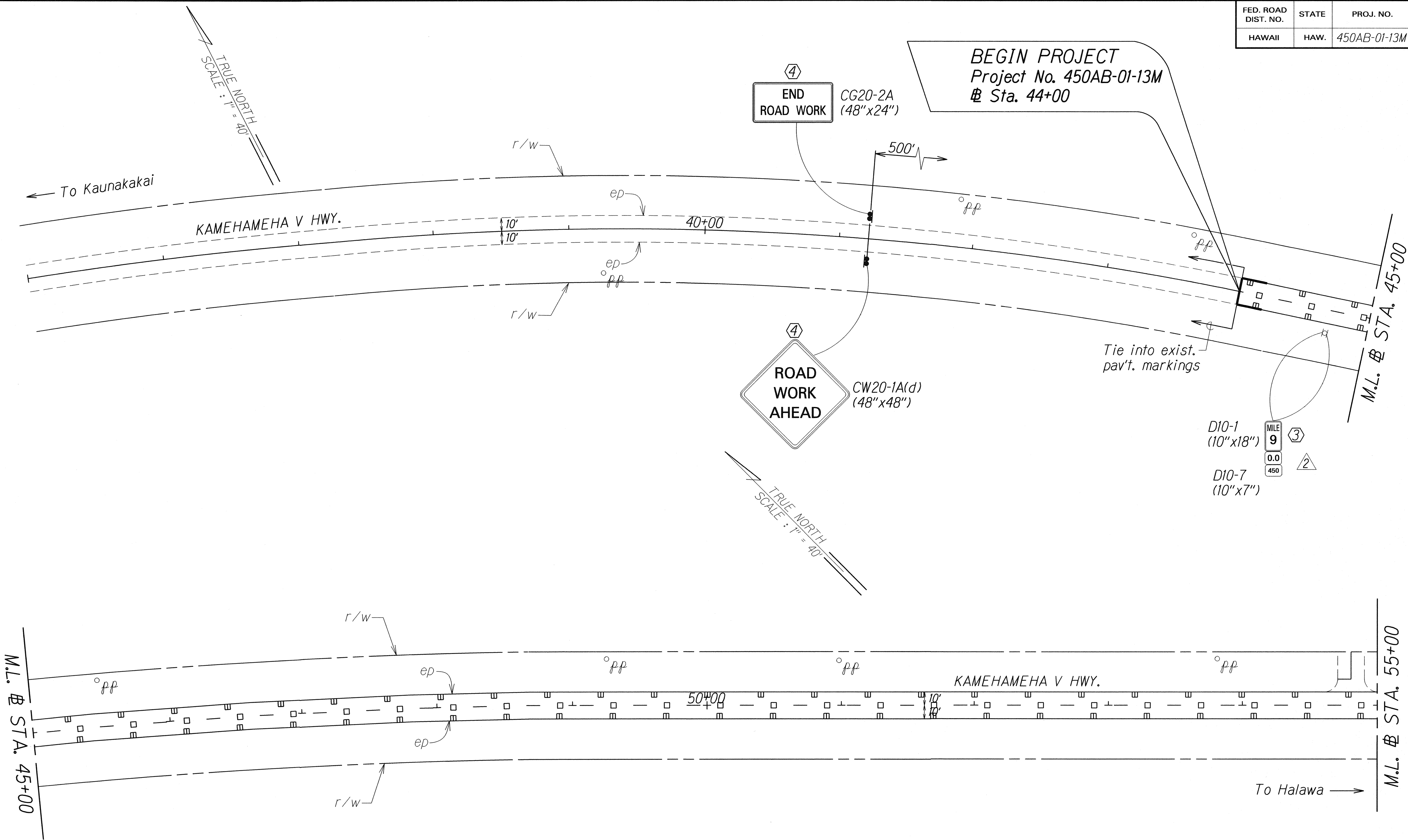
DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**PAVEMENT MARKING
LEGEND, DETAILS & NOTES**
KAMEHAMEHA V HIGHWAY RESURFACING
Kapuokoolau to Kamalo
Project No. 450AB-01-13M

Scale: As Noted Date: February, 2016

SHEET No. 1 OF 1 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450AB-01-13M	2016	ADD.22	32

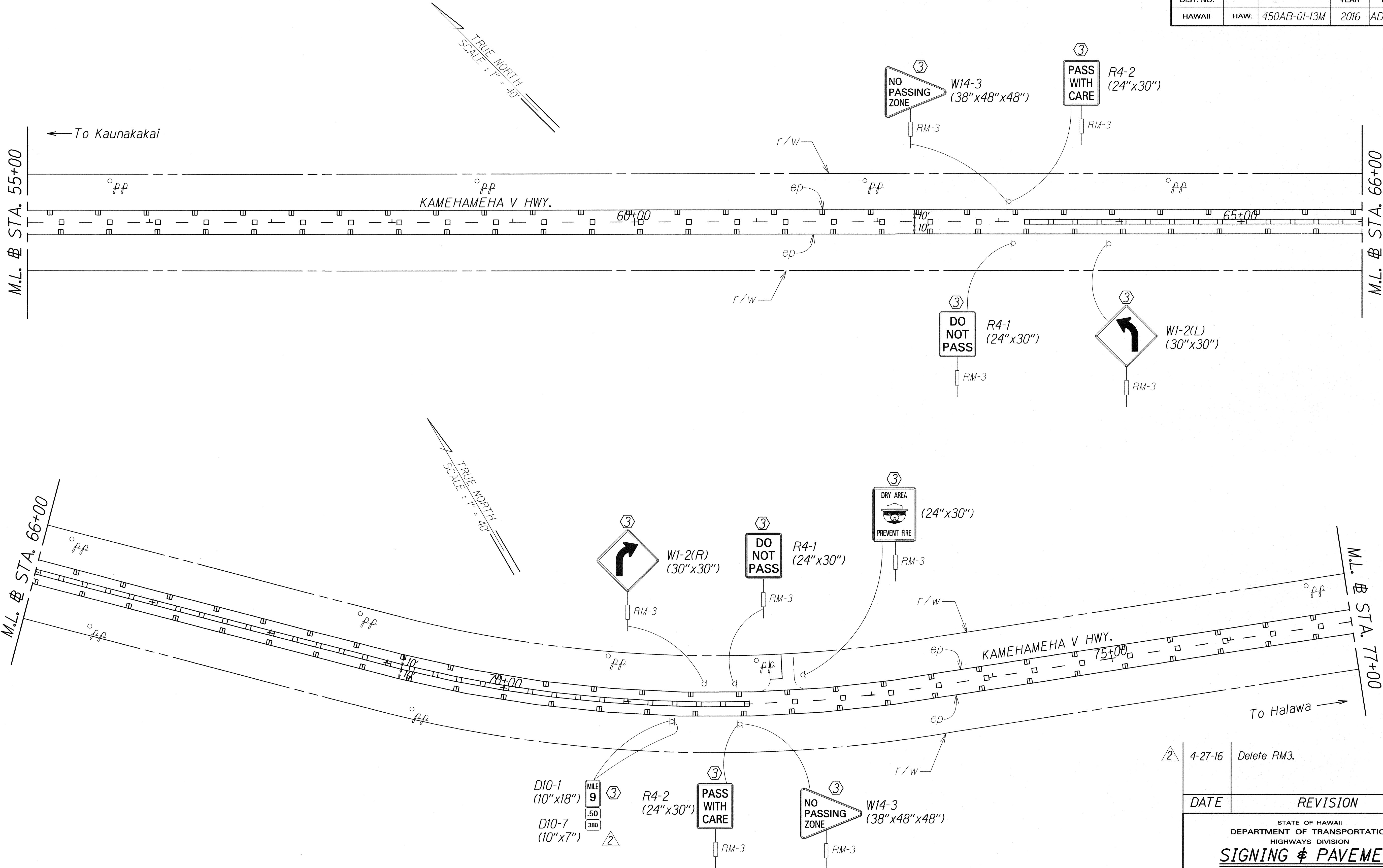


ORIGINAL PLAN	DATE
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
DATE	

- KEY:
- ① Exist. Sign(s) & Post(s) to Remain
 - ② Remove Exist. Sign(s) & Post(s)
 - ③ Remove Exist. & Install New Sign(s) & Post(s)
 - ④ Install New Sign(s) & Post(s)

4-27-16	Add 0.0 Sign & Delete RM3.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION SIGNING & PAVEMENT MARKING PLAN KAMEHAMEHA V HIGHWAY RESURFACING Kapuokoolau to Kamalo Project No. 450AB-01-13M Scale: 1" = 40' Date: February, 2016 SHEET No. 1 OF 11 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450AB-01-13M	2016	ADD.23	32

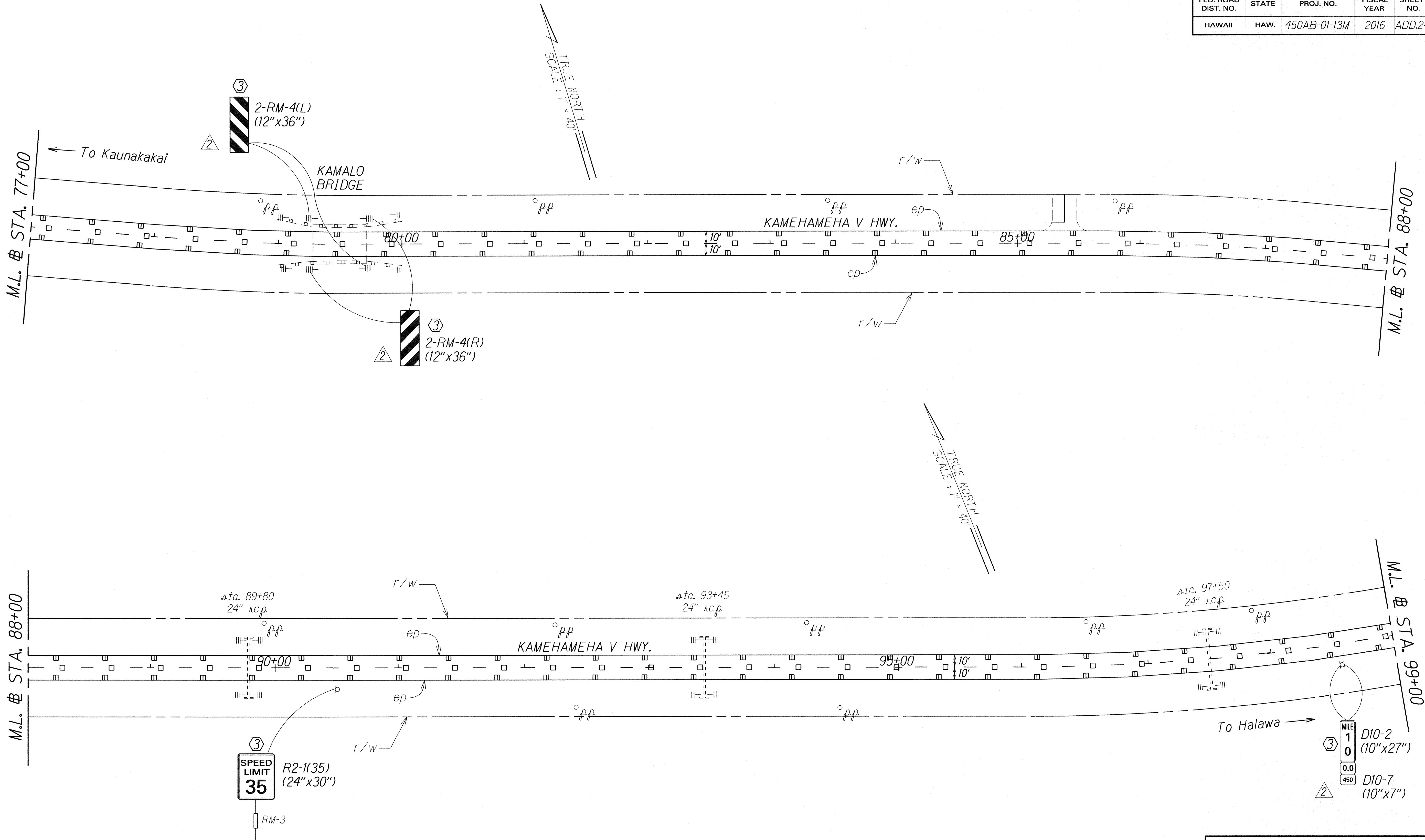


ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

4-27-16	Delete RM3.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION SIGNING & PAVEMENT MARKING PLAN KAMEHAMEHA V HIGHWAY RESURFACING Kapuokoolau to Kamalo Project No. 450AB-01-13M Scale: 1" = 40' Date: February, 2016	
SHEET No. 2 OF 11 SHEETS	

- KEY:
- ① Exist. Sign(s) & Post(s) to Remain
 - ② Remove Exist. Sign(s) & Post(s)
 - ③ Remove Exist. & Install New Sign(s) & Post(s)
 - ④ Install New Sign(s) & Post(s)

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450AB-01-13M	2016	ADD.24	32



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

2	4-27-16	Add 0.0 Sign & Delete RM3.
DATE	REVISION	

- KEY:
- ① Exist. Sign(s) & Post(s) to Remain
 - ② Remove Exist. Sign(s) & Post(s)
 - ③ Remove Exist. & Install New Sign(s) & Post(s)
 - ④ Install New Sign(s) & Post(s)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & PAVEMENT
MARKING PLAN

KAMEHAMEHA V HIGHWAY RESURFACING
Kapuokoolau to Kamalo
Project No. 450AB-01-13M

Scale: 1" = 40'
Date: February, 2016

SHEET No. 3 OF 11 SHEETS