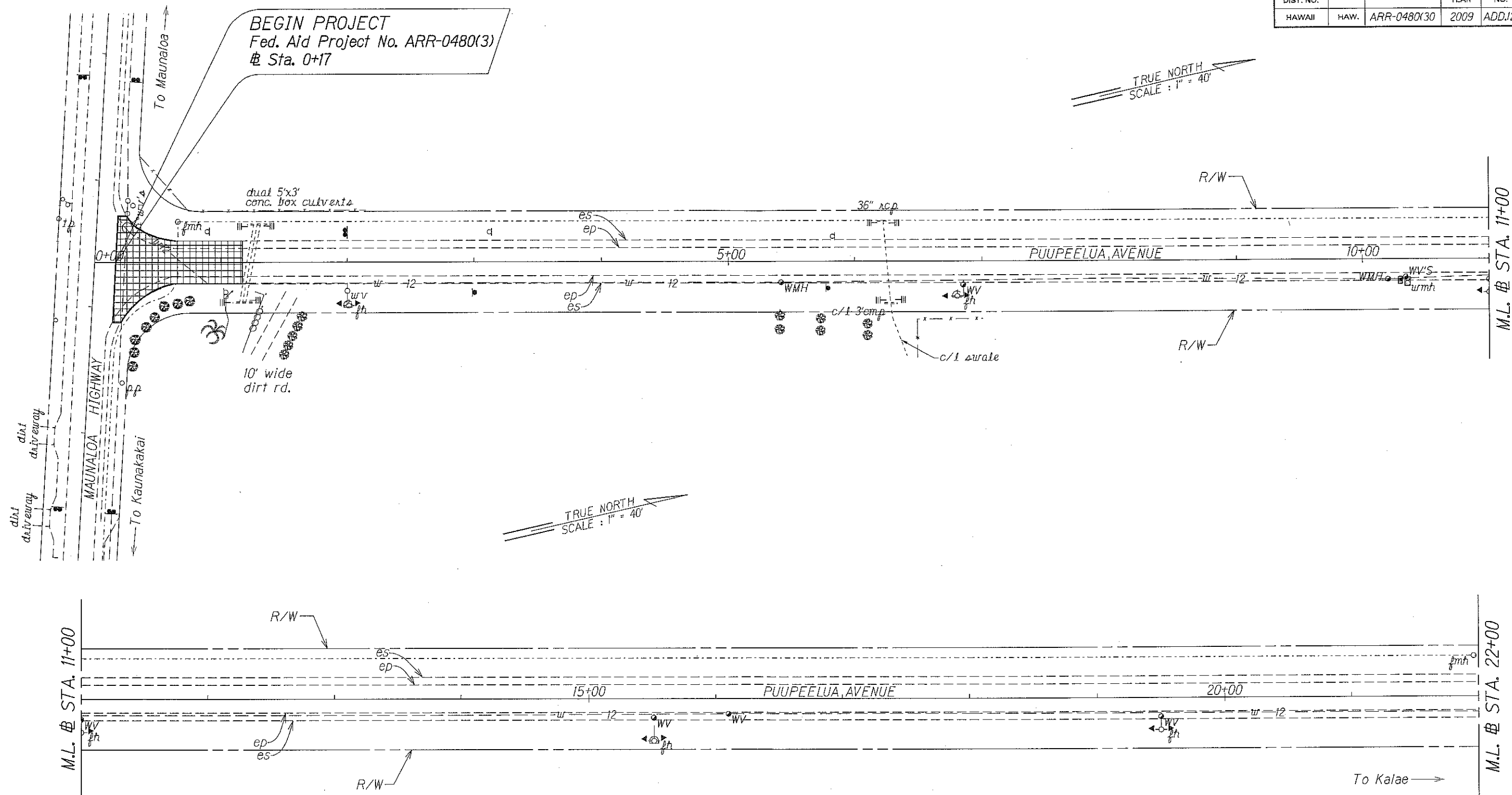


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-0480(30)	2009	ADD.12	35



ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
REVISIONS	
QUANTITIES BY	
CHECKED BY	
N. 1/2	

9-25-09	Revised baseline Sta. 0+17 to Sta. 32+00±.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

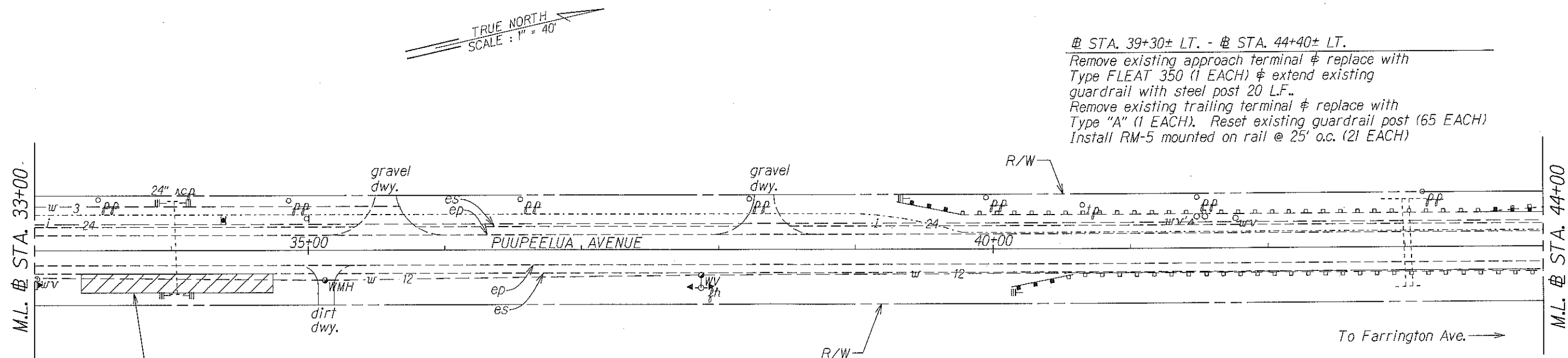
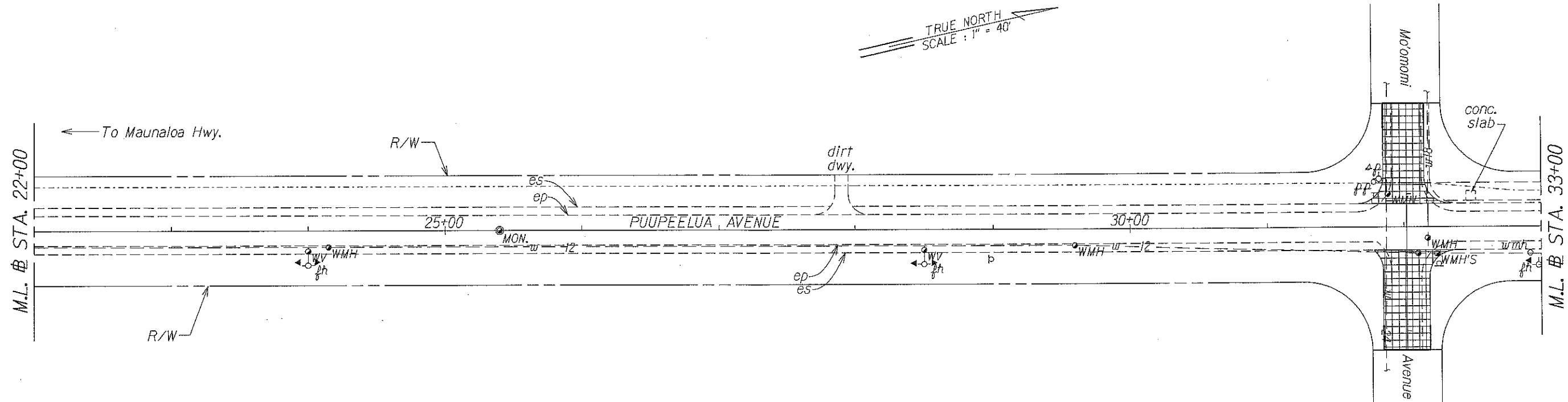
ROADWAY PLAN

PUUPEELUA AVENUE RESURFACING
Maunaloa Highway to Farrington Avenue and
FARRINGTON AVENUE RESURFACING
Puupeeelua Avenue to Kalae Highway
Federal-Aid Project No. ARR-0480(3)

Scale: 1" = 40' Date: February, 2009

SHEET No. 1 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-0480(3)	2009	ADD.13	35



± STA. 33+35± RT. - ± STA. 34+75± RT.
Construct roadway embankment with slope of 2:1 (Max.). See Typical Section on Sht. No. 7

± STA. 39+30± LT. - ± STA. 44+40± LT.
Remove existing approach terminal & replace with Type FLEAT 350 (1 EACH) & extend existing guardrail with steel post 20 L.F..
Remove existing trailing terminal & replace with Type "A" (1 EACH). Reset existing guardrail post (65 EACH)
Install RM-5 mounted on rail @ 25' o.c. (21 EACH)

± STA. 40+15± RT. - ± STA. 45+05± RT.
Remove existing approach terminal & replace with Type "A" (1 EACH) &
Remove existing trailing terminal & replace with Type FLEAT 350 (1 EACH).
Reset existing guardrail post (65 EACH)
Install RM-5 mounted on rail @ 25' o.c. (20 EACH)

ORIGINAL PLAN	DATE
DESIGNED BY	
CHECKED BY	
NOTED BY	
DATE	

9-25-09 Revised baseline Sta. 0+17 to Sta. 32+00±.

DATE REVISION

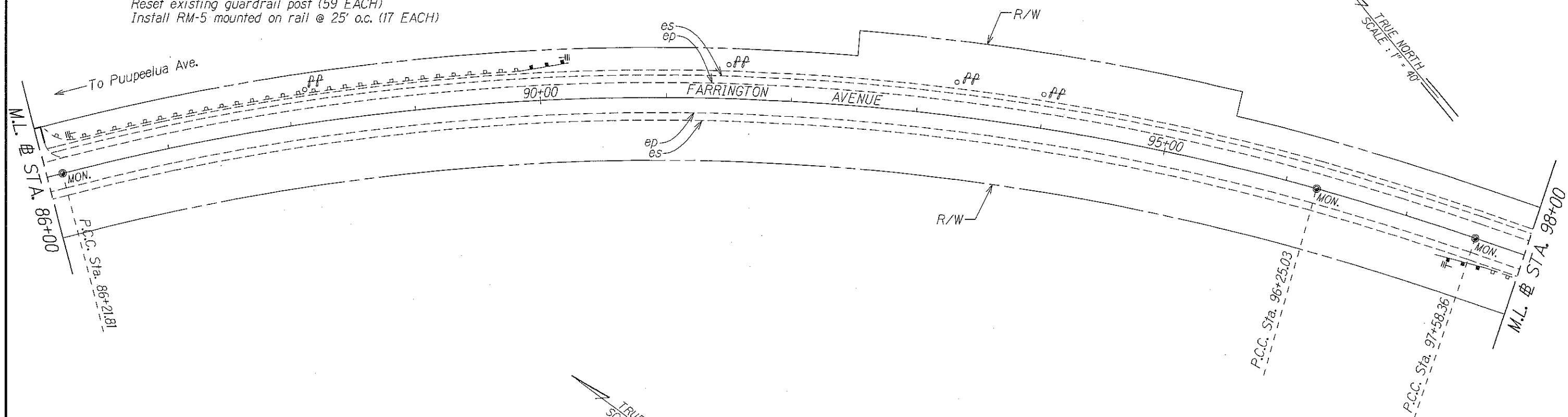
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
ROADWAY PLAN
PUUPEELUA AVENUE RESURFACING Maunaloa Highway to Farrington Avenue and FARRINGTON AVENUE RESURFACING Puupeeelua Avenue to Kalae Highway Federal-Aid Project No. ARR-0480(3)
Scale: 1" = 40' Date: February, 2009
SHEET No. 2 OF 9 SHEETS

ADD.13

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-0480(3)	2009	ADD.19	35

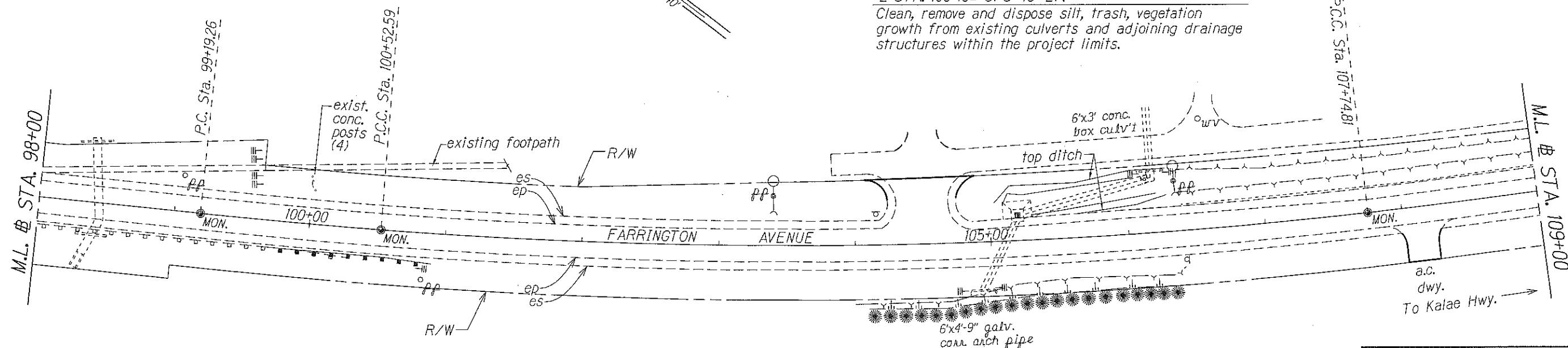
⊕ STA. 86+10± LT. - ⊕ STA. 90+25± LT.

Remove existing approach terminal & replace with Type "A" (1 EACH)
Remain existing guardrail & trailing terminal
Reset existing guardrail post (59 EACH)
Install RM-5 mounted on rail @ 25' o.c. (17 EACH)



⊕ STA. 106+18± O/S 45' LT.

Clean, remove and dispose silt, trash, vegetation growth from existing culverts and adjoining drainage structures within the project limits.



⊕ STA. 96+73± RT. - ⊕ STA. 100+30± RT.

Remove existing approach & trailing terminals & replace with Type "FLEAT 350" (2 EACH)
Extend existing guardrail Type 3 single with steel post (62.5 L.F.)
Remain existing guardrail & approach terminal
Reset existing guardrail post (40 EACH)
Install RM-5 mounted on rail @ 25' o.c. (15 EACH)

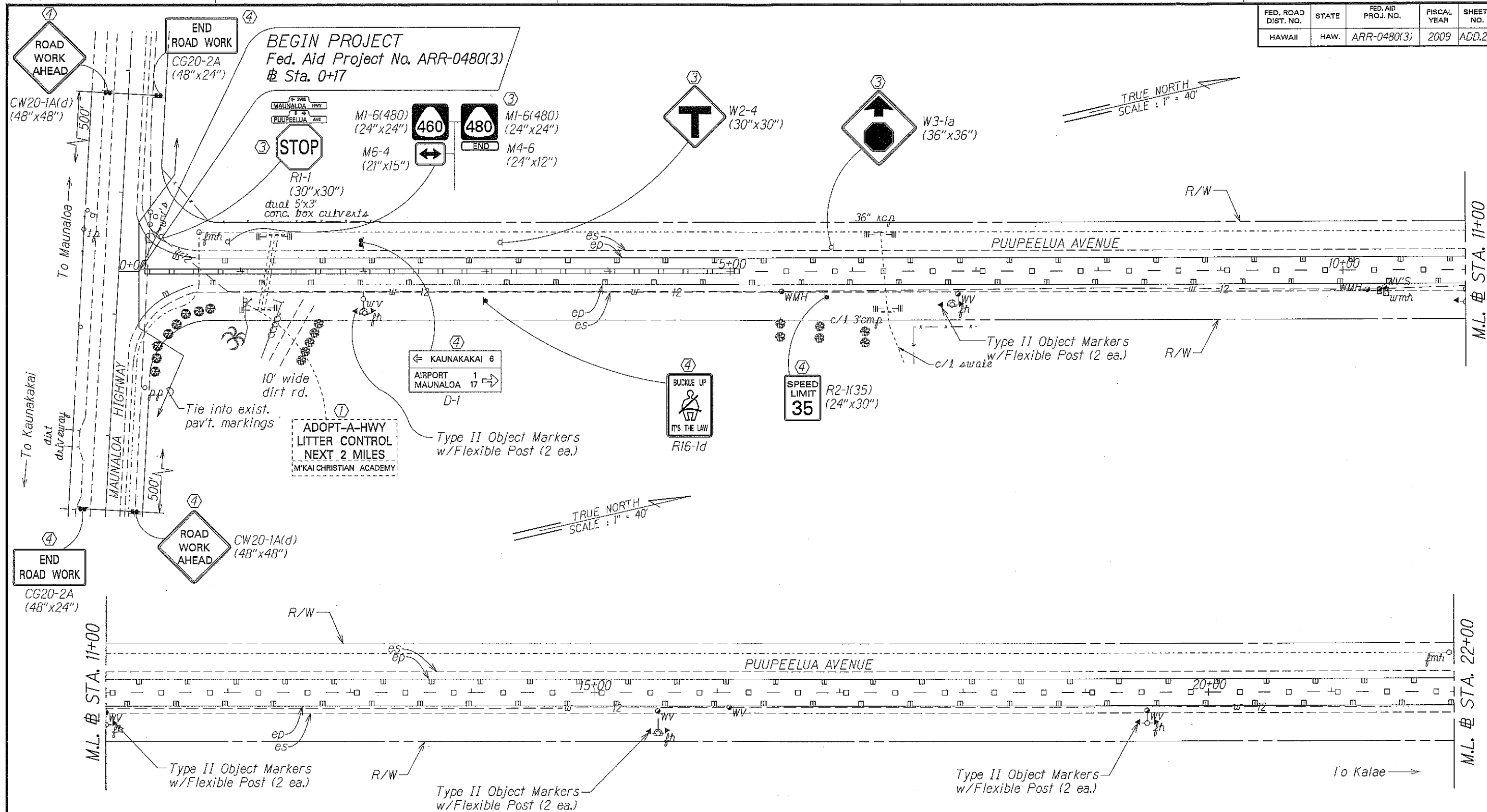
DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
ORIGINAL PLAN	

9-25-09	Revised remark ⊕ Sta. 96+73± Rt. - ⊕ Sta. 100+30± Rt.
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
ROADWAY PLAN
PUUPEELUA AVENUE RESURFACING Maunaloa Highway to Farrington Avenue and FARRINGTON AVENUE RESURFACING Puupeeelua Avenue to Kalae Highway Federal-Aid Project No. ARR-0480(3)
Scale: 1" = 40' Date: February, 2009
SHEET No. 8 OF 9 SHEETS

ADD.19

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-0480(3)	2009	ADD.27	35



KEY:

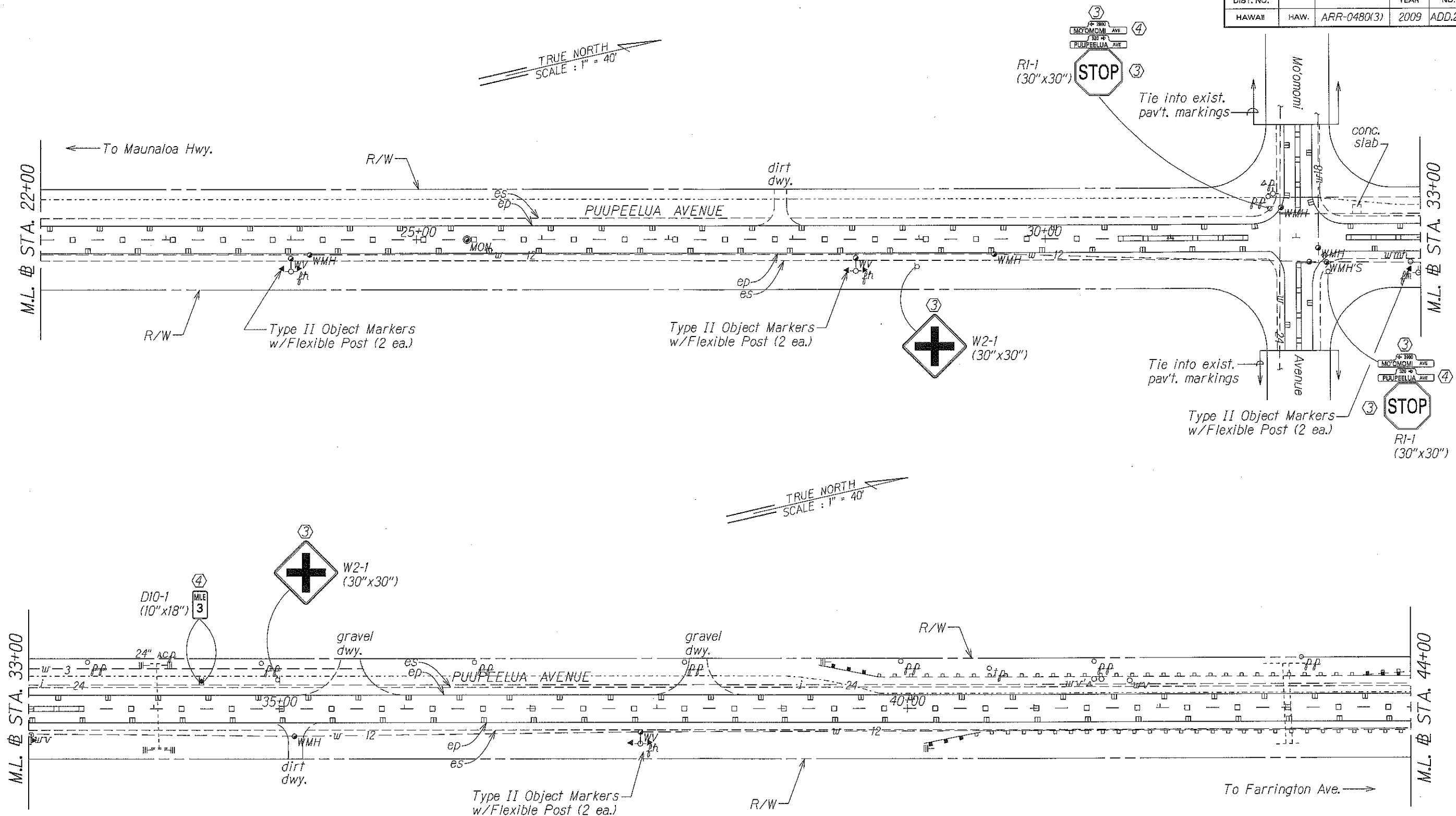
- ① Exist. Sign(s) & Post(s) to Remain
- ② Remove Exist. Sign(s) & Post(s)
- ③ Remove Exist. & Install New Sign(s) & Post(s)
- ④ Install New Sign(s) & Post(s)

9-25-09	Revised baseline Sta. 0+17 to Sta. 32+00±.
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
SIGNING & PAVEMENT MARKING PLAN	
Puupeeelua Avenue Resurfacing Maunaloa Highway to Farrington Avenue and Farrington Avenue Resurfacing Puupeeelua Avenue to Kalae Highway Federal-Aid Project No. ARR-0480(3)	
Scale: 1" = 40'	Date: February, 2009
SHEET No. 1 OF 9 SHEETS	

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-0480(3)	2009	ADD.28	35



- 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)

9-25-09	Revised baseline Sta. 0+17 to Sta. 32+00±.
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
SIGNING & PAVEMENT MARKING PLAN	
PUUPEELUA AVENUE RESURFACING Maunaloa Highway to Farrington Avenue and FARRINGTON AVENUE RESURFACING Puupeeelua Avenue to Kalae Highway Federal-Aid Project No. ARR-0480(3)	
Scale: 1" = 40'	Date: February, 2009
SHEET No. 2 OF 9 SHEETS	

ADD.28