

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.		1974	16	100

PROJECT NO. 03A-02-70



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Bernard P. Kea
 Signature

NOTES:

1. Driveway connections shall be constructed of the same or better material as existing.
2. A.C. concrete pavement, aggregate base course, prime coat, tack coat, coral aggregate subbase, and excavation for driveways shall be paid for under respective roadway terms.
3. See this sht. for Typical A.C. Driveway Sections.
4. All coral driveways shall have MC 30 bituminous seal coat.
5. For driveways, excavation from E.P. to outside edge of A.C. curb, is indicated on the cross-sections and therefore not duplicated in the Estimated Quantity of work for driveways.
6. For detail of A.C. footpath transition at driveways see sht. 16
7. All changes in driveway grade shall be rounded to provide a smooth transition.
8. Steel pipe drains under driveways to be incidental to project.

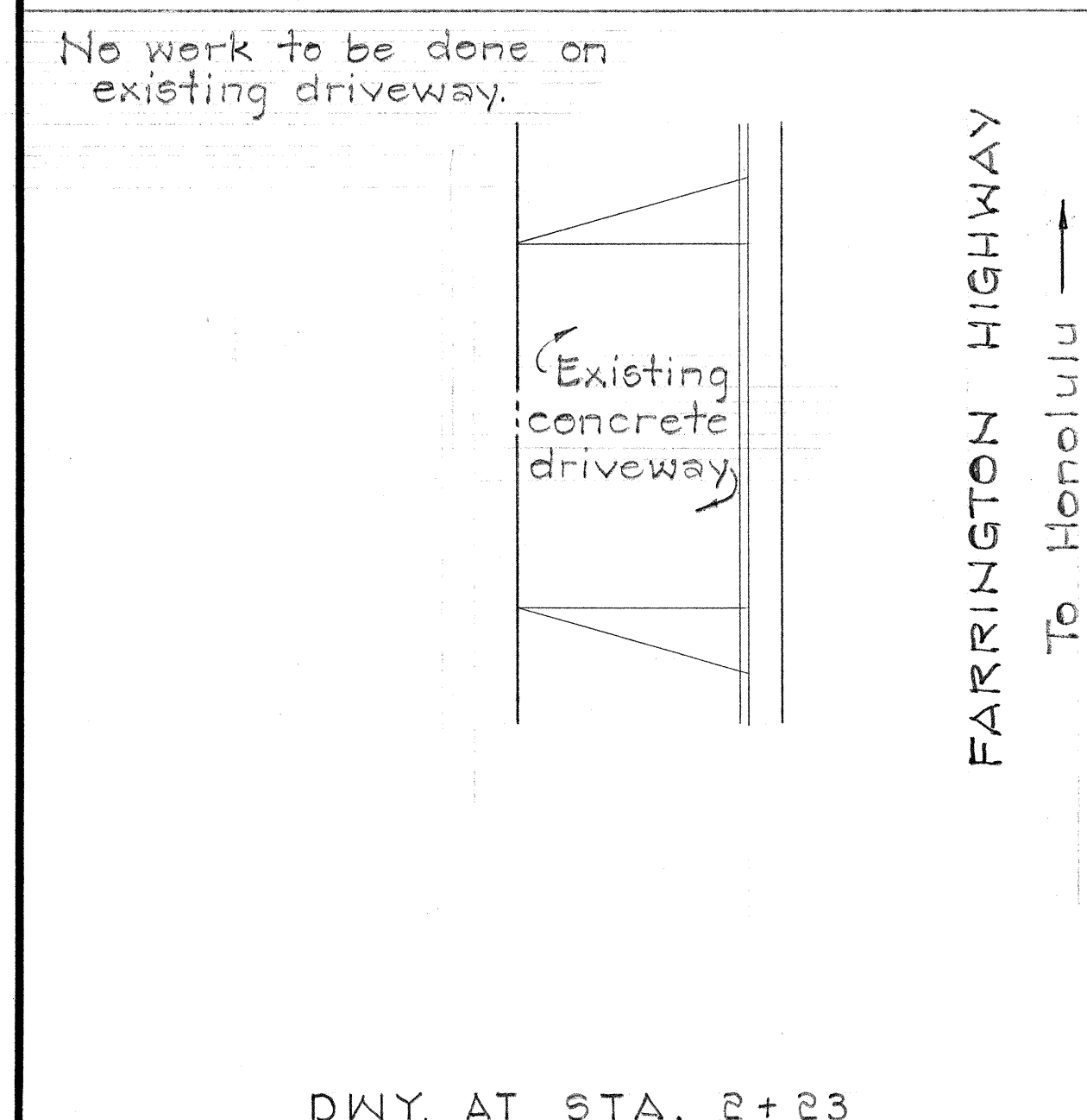
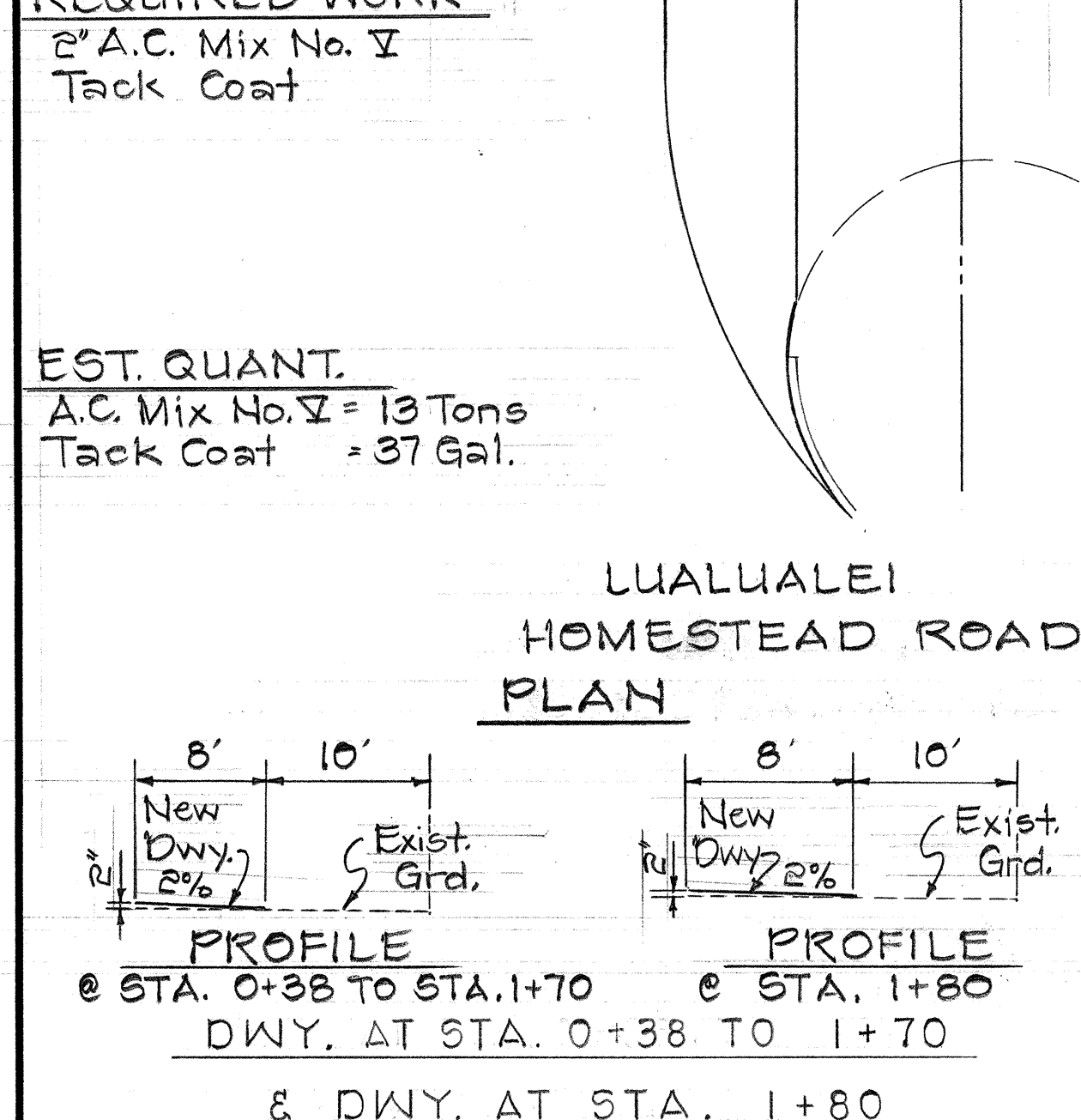
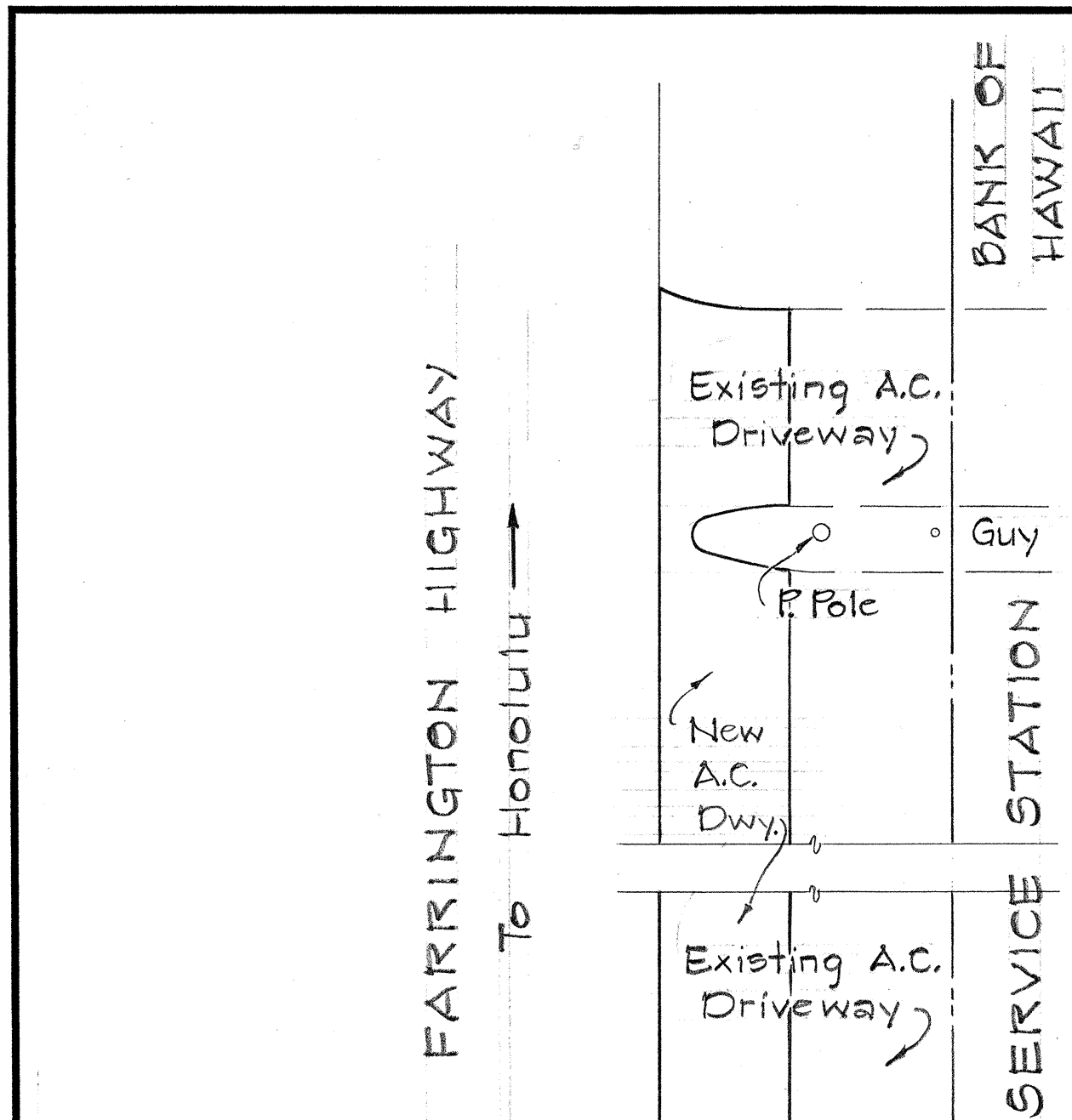
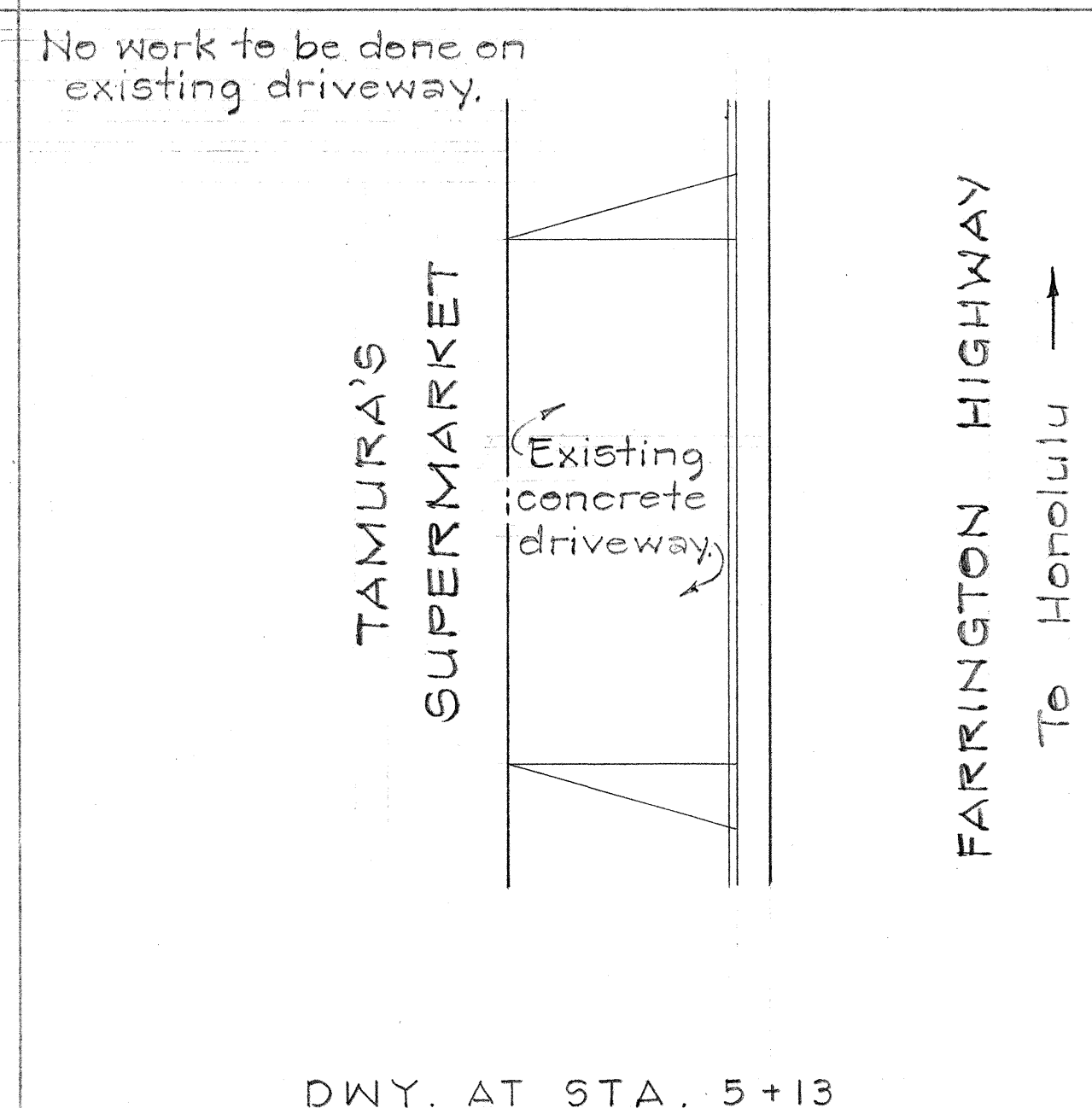
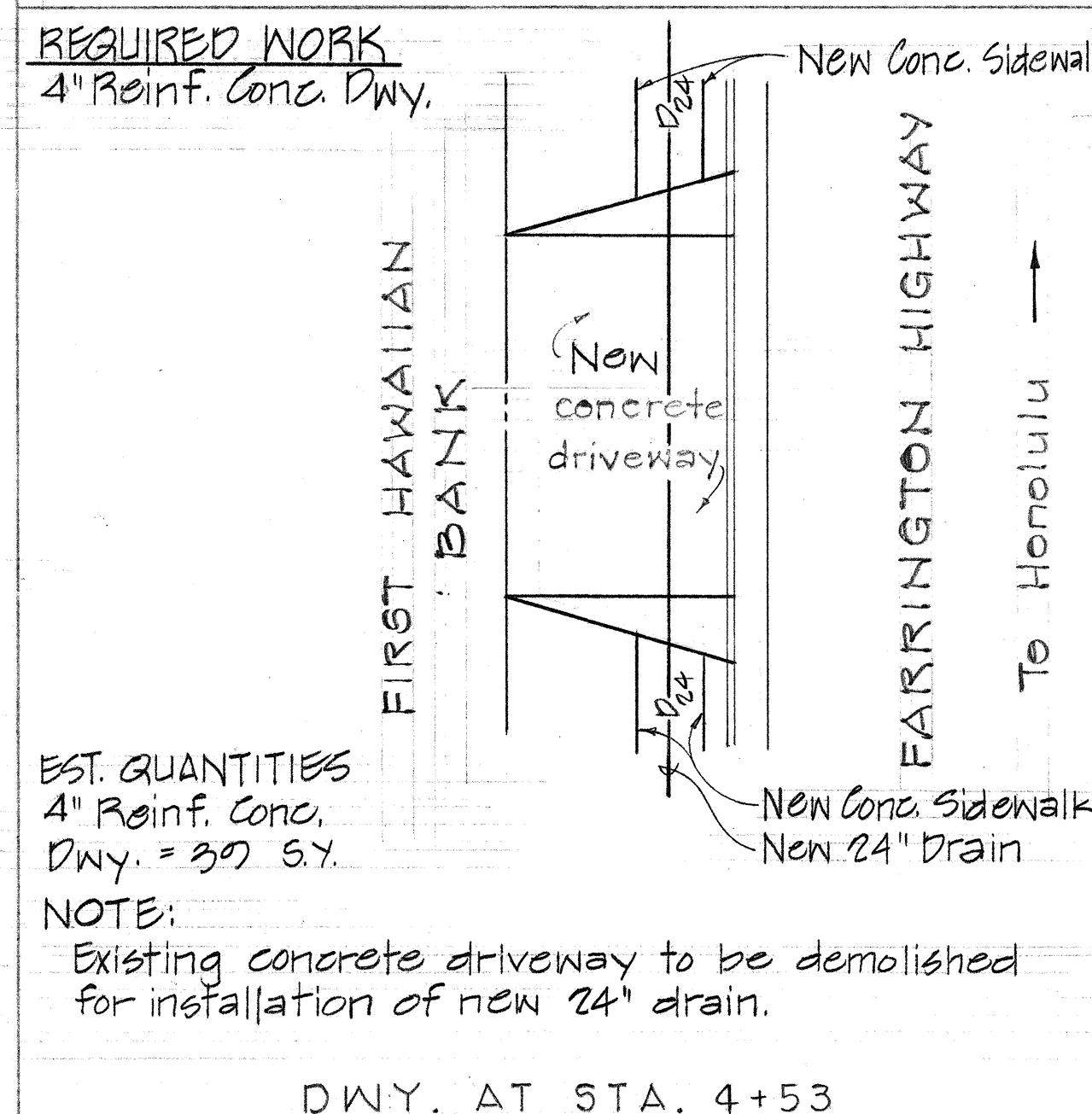
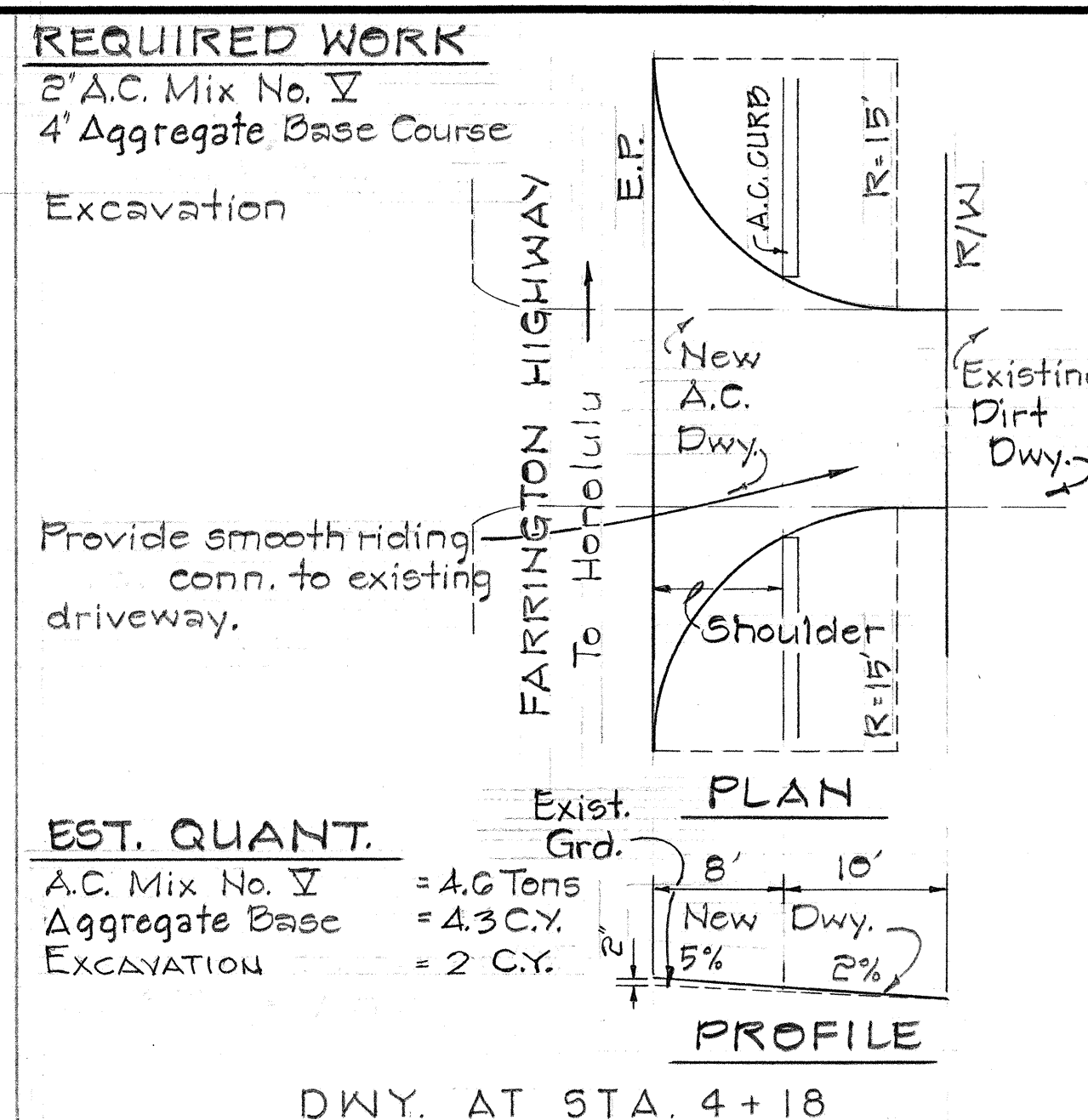
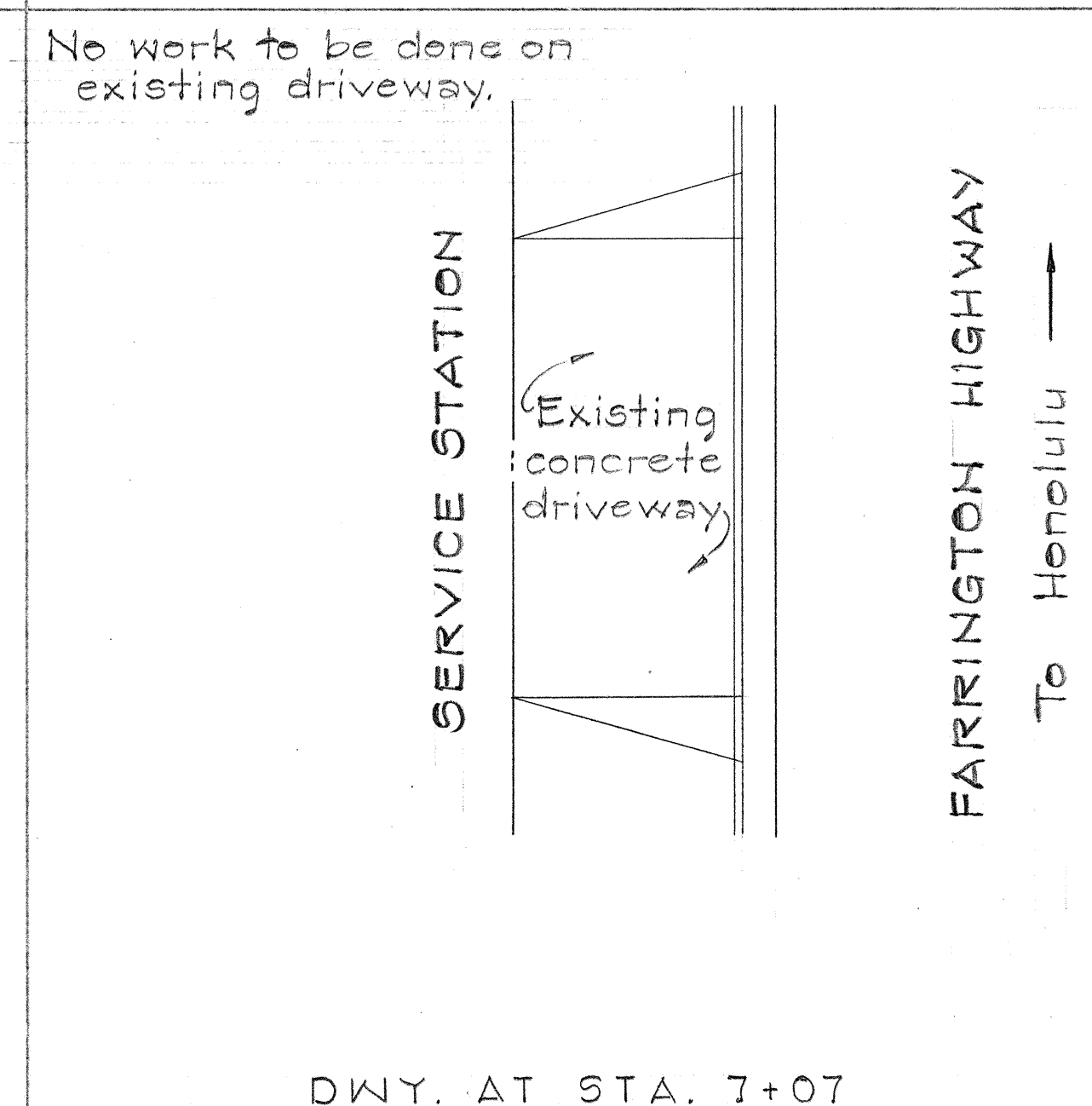
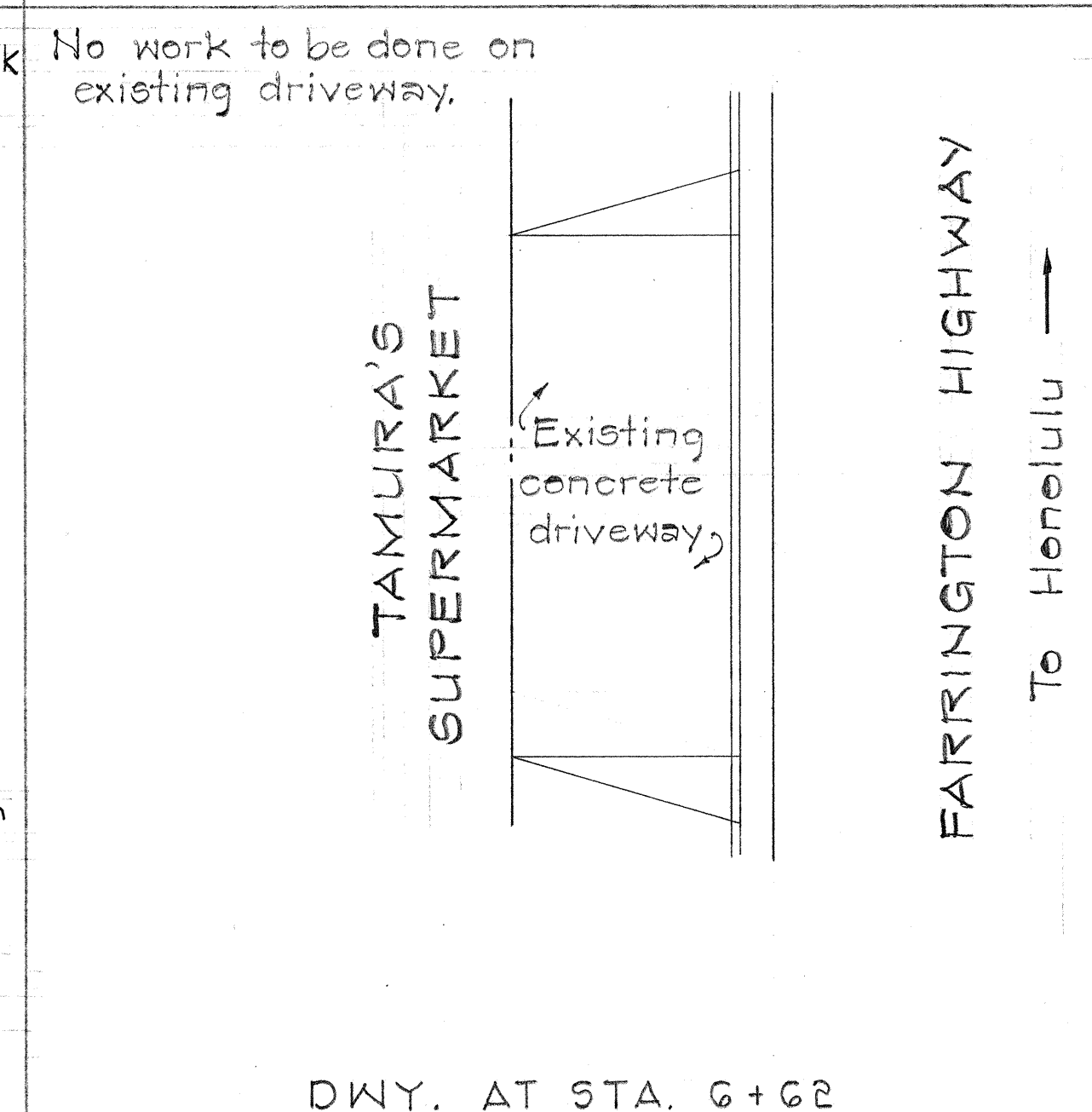
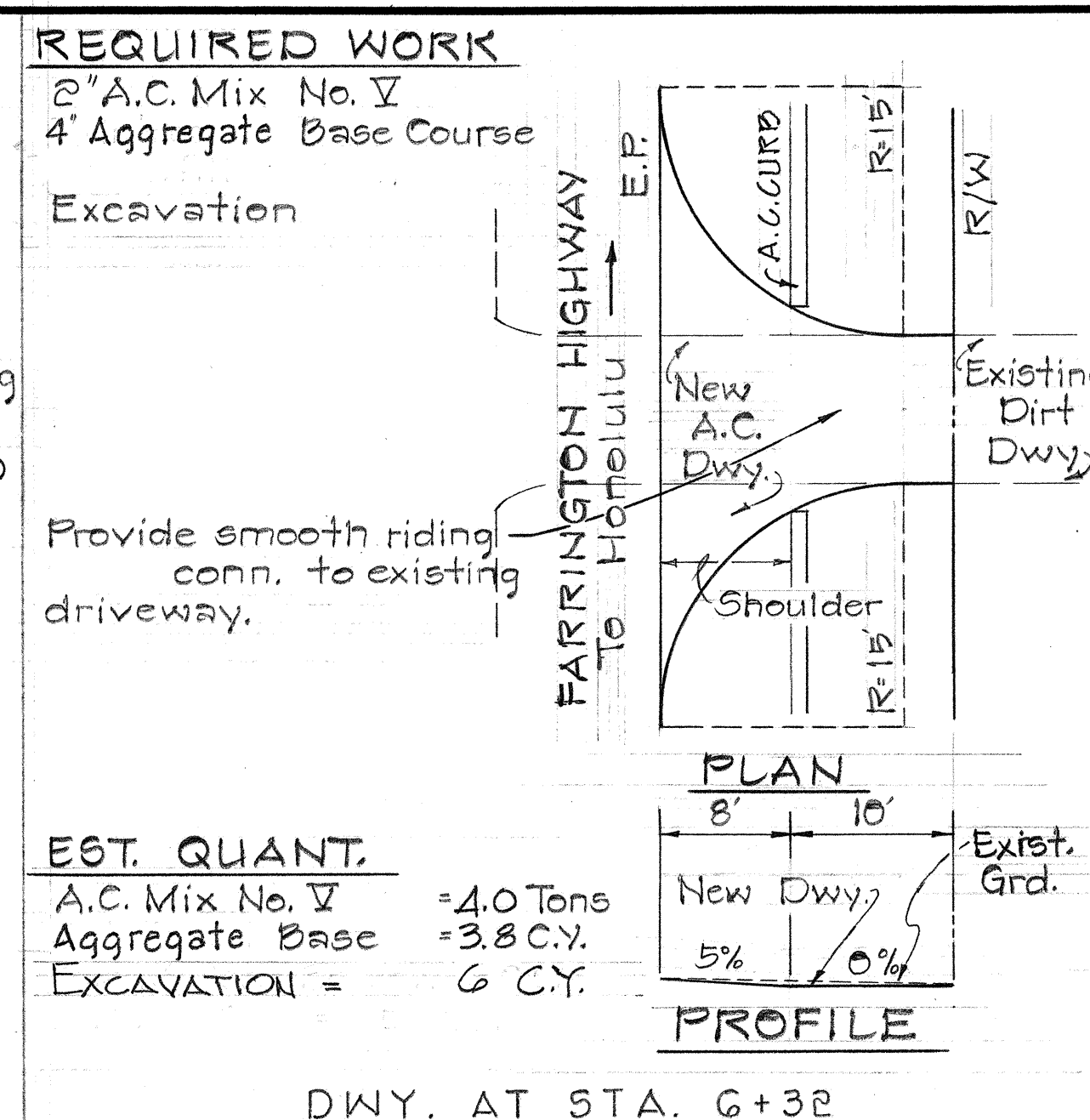
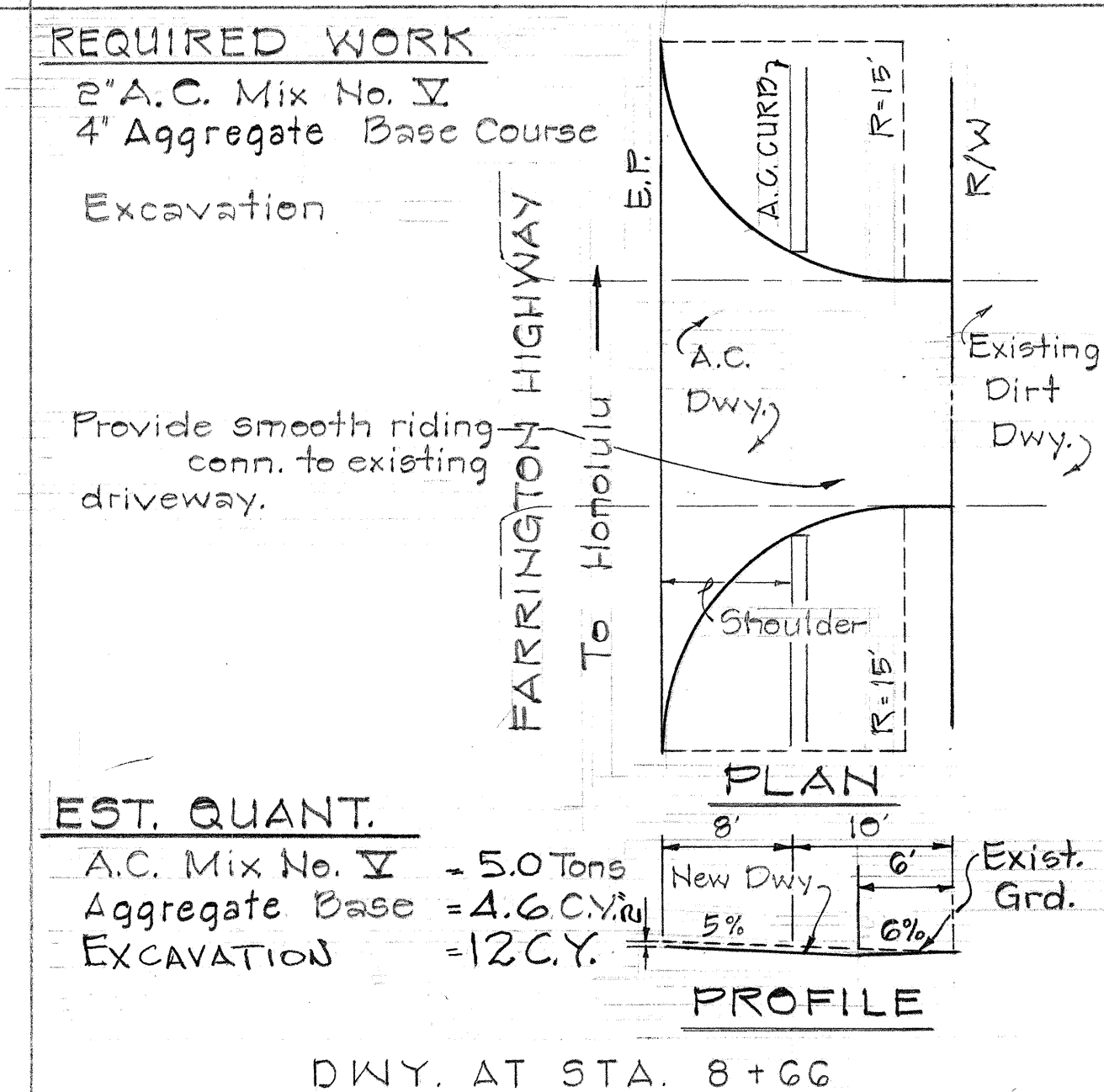
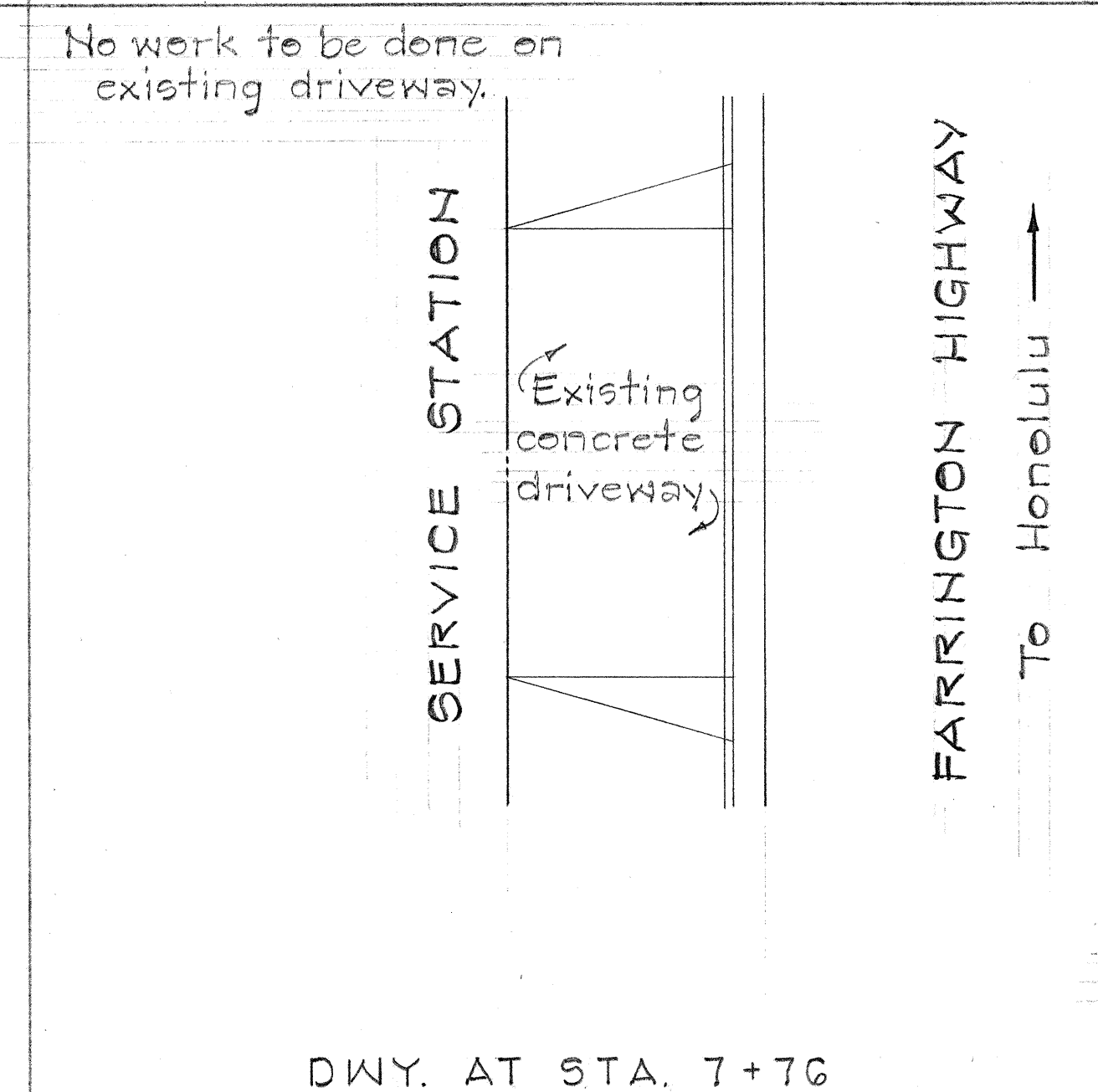
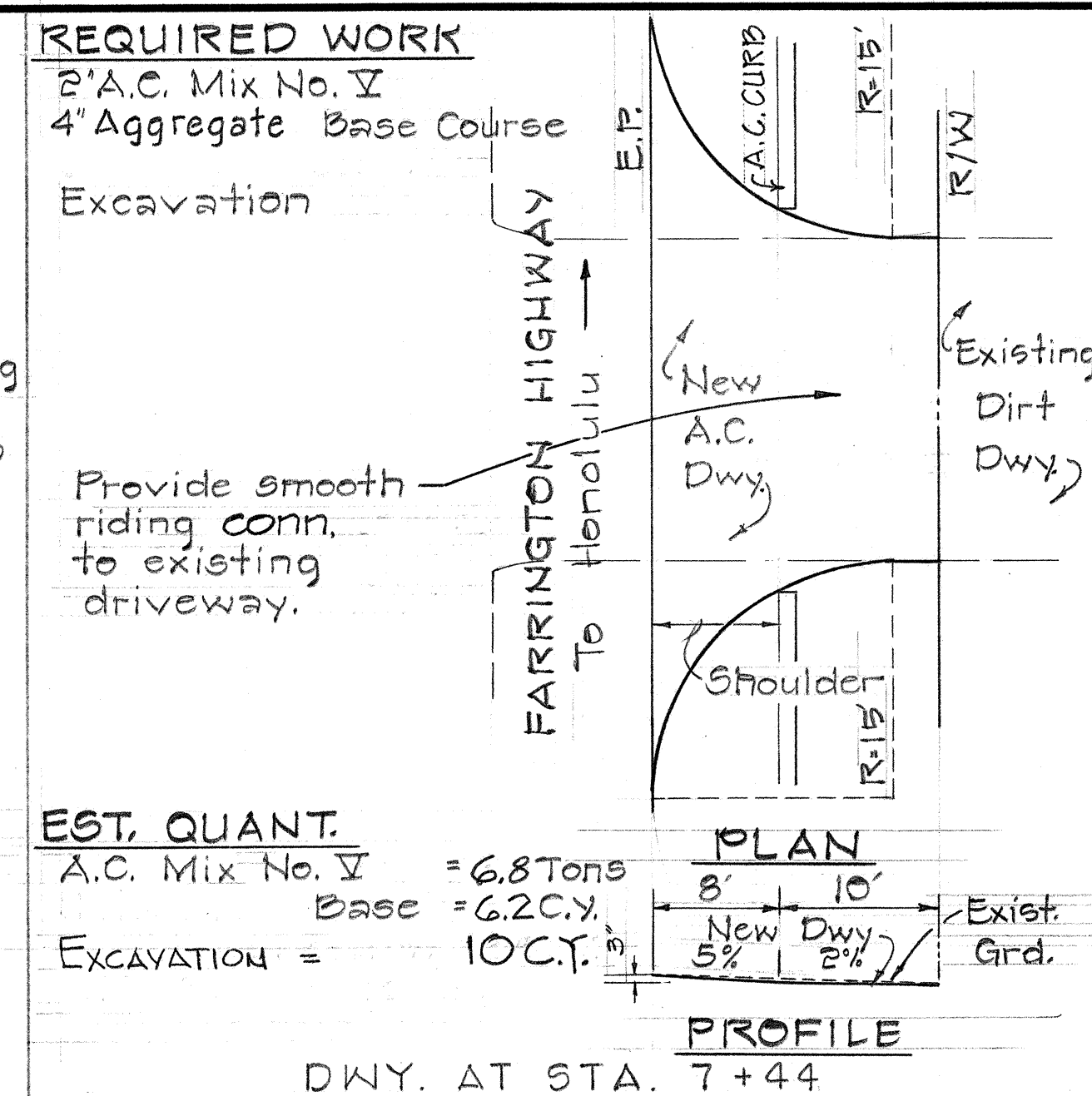
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

DRIVEWAY DETAILS

FARRINGTON HIGHWAY WIDENING
 PROJECT 93A-02-70

SCALE: 1" = 10'

SHEET No. 1 OF 4 SHEETS



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

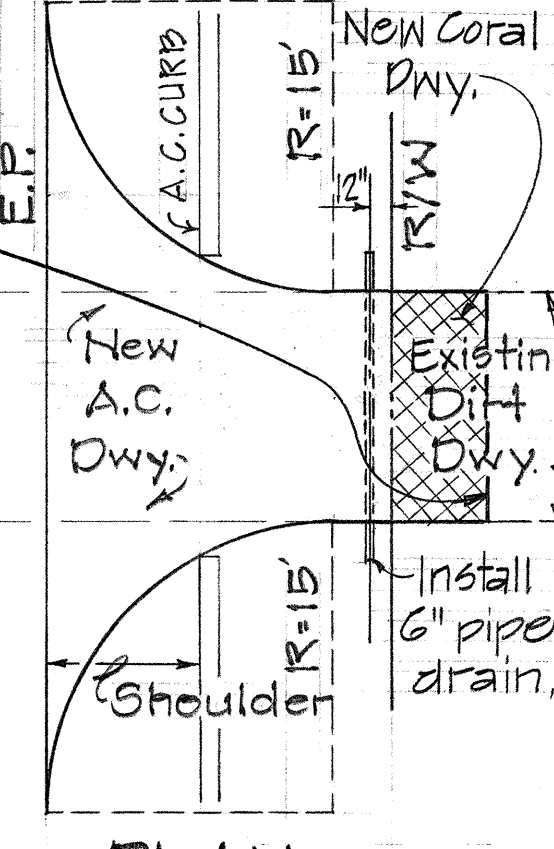
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.		1974	17	100

PROJECT NO. 93A-02-70

REQUIRED WORK

2" A.C. Mix No. V
4" Aggregate Base Course
6" Steel Pipe Drain
Coral Aggregate Subbase
Provide smooth riding conn. to existing driveway.

FARRINGTON HIGHWAY
To Honolulu



PLAN

EST. QUANT.

A.C. Mix No. V = 4.6 Tons
Aggregate Base = 4.3 C.Y.
6" Steel Pipe (Sch. 80) = 16 L.F.
Coral Aggregate Subbase = 3.2 C.Y.

PROFILE

DWY. AT STA. 9+87

REQUIRED WORK

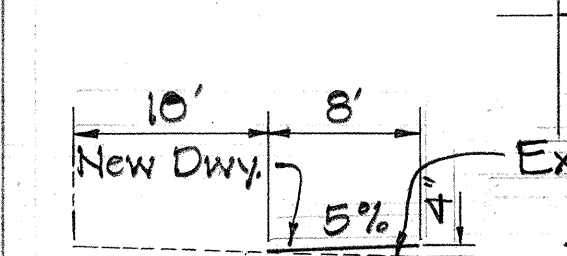
2" A.C. Mix No. V
Tack Coat

EST. QUANT.

A.C. Mix No. V = 6.4 Tons
Tack Coat = 13.1 Gal.

Provide smooth riding connection to existing driveway.

Existing A.C. Dwy.
New A.C. Dwy.



PROFILE

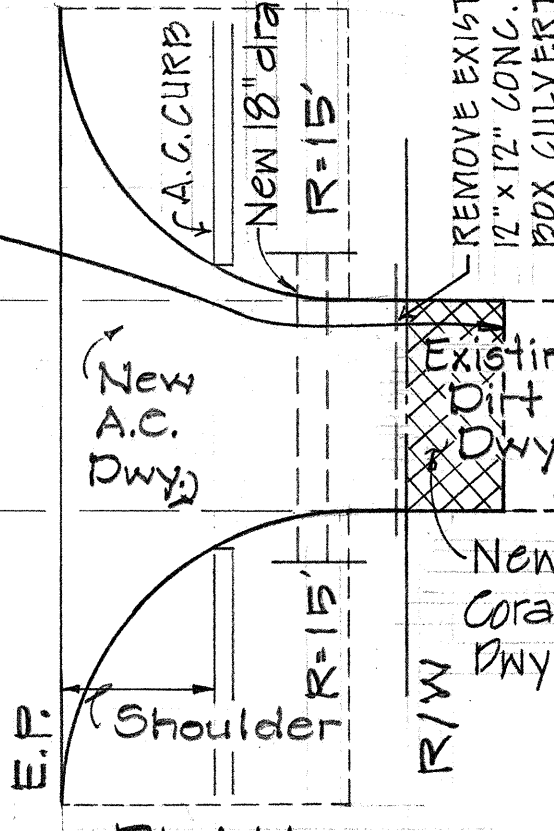
DWYS. AT STA. 11+48 & STA. 11+76

REQUIRED WORK

2" A.C. Mix No. V
4" Aggregate Base Course
Coral Aggregate Subbase

Provide smooth riding connection to existing driveway.

FARRINGTON HIGHWAY
To Honolulu



PLAN

EST. QUANT.

A.C. Mix No. V = 4.4 Tons
Aggregate Base = 4.1 C.Y.
Coral Aggregate Subbase = 1.7

PROFILE

DWY. AT STA. 12+44

REQUIRED WORK

2" A.C. Mix No. V
Tack Coat

Provide smooth riding connection to existing dwy.

Existing A.C. Dwy.

New A.C. Dwy.

A.C. Footpath
A.C. Curb
EST. QUANT.
A.C. Mix No. V = 15.1 Tons
Tack Coat = 15.5 Gal.

PROFILE

DWY. AT STA. 15+10

REQUIRED WORK

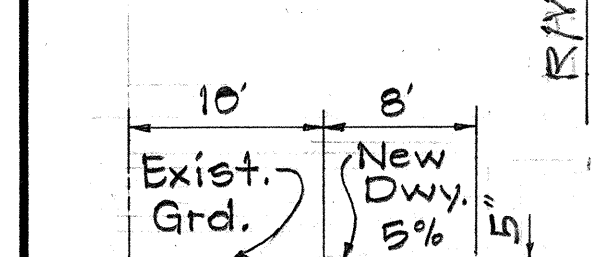
2" A.C. Mix No. V
Tack Coat

Provide smooth riding connection to existing driveways.

EST. QUANT.

A.C. Mix No. V = 11.7 Tons
Tack Coat = 13.8 Gal.

Existing A.C. Dwy.
New A.C. Dwy.



PROFILE

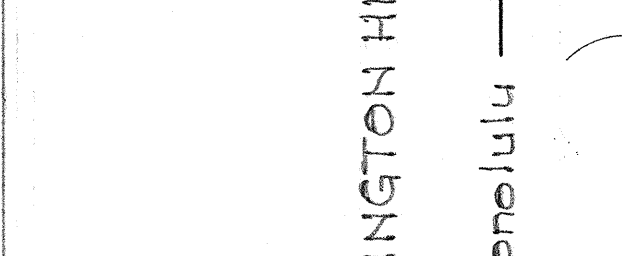
DWYS. AT STA. 10+14 & STA. 10+39

REQUIRED WORK

2" A.C. Mix No. V
Aggregate Base Course
6" Steel Pipe Drain

Provide smooth riding connection to existing driveway.

Existing A.C. Dwy.
New A.C. Dwy.



PROFILE

DWY. AT STA. 11+57

REQUIRED WORK

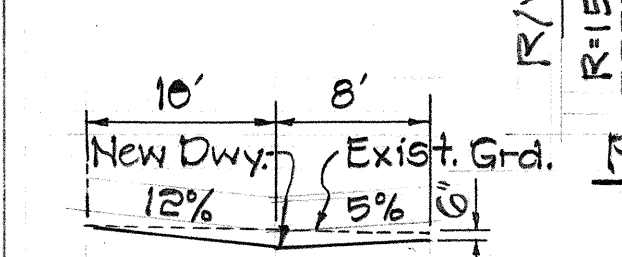
2" A.C. Mix No. V
4" Aggregate Base Course
Excavation

Provide smooth riding connection to existing driveway.

EST. QUANT.

A.C. Mix No. V = 6.6 Tons
Aggregate Base = 6.0 C.Y.
Excavation = 18.1 C.Y.

Existing A.C. Dwy.
New A.C. Dwy.



PROFILE

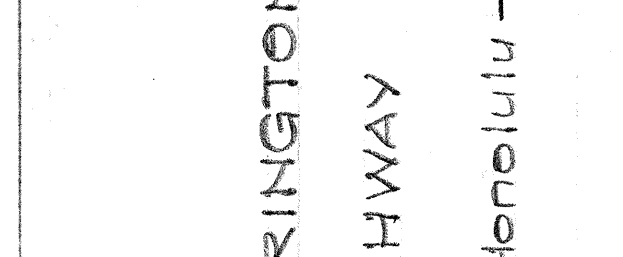
DWYS. AT STA. 12+88 & STA. 13+15

REQUIRED WORK

2" A.C. Mix No. V
Aggregate Base Course

Provide smooth riding connection to existing driveway.

Existing A.C. Dwy.
New A.C. Dwy.



PROFILE

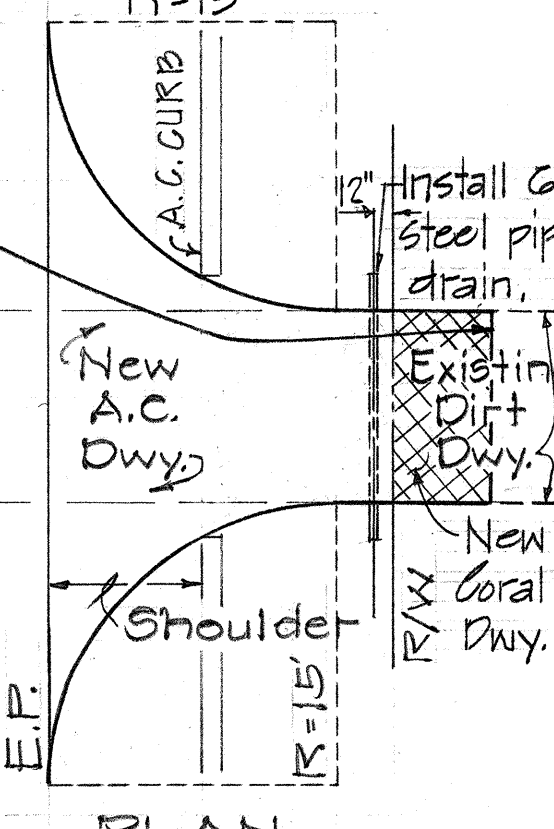
DWY. AT STA. 15+33

REQUIRED WORK

2" A.C. Mix No. V
4" Aggregate Base Course
6" Steel Pipe Drain
Coral Aggregate Subbase

Provide smooth riding connection to existing driveway.

FARRINGTON HIGHWAY
To Honolulu



PROFILE

EST. QUANT.

A.C. Mix No. V = 4.2 Tons
Aggregate Base = 3.7 C.Y.
6" Steel Pipe (Sch. 80) = 14 L.F.
Coral Aggregate Subbase = 2.1 C.Y.

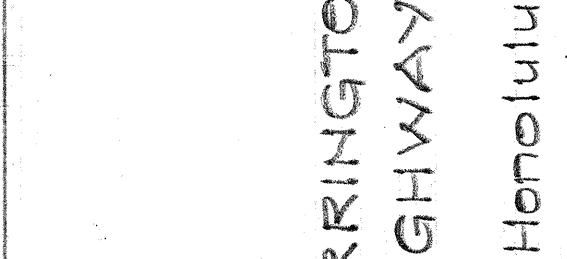
DWY. AT STA. 10+60

REQUIRED WORK

2" A.C. Mix No. V
4" Aggregate Base Course
6" Steel Pipe Drain

Provide smooth riding connection to existing driveway.

Existing A.C. Dwy.
New A.C. Dwy.



PROFILE

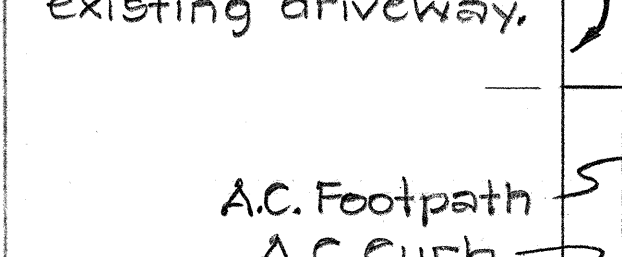
DWY. AT STA. 12+10

REQUIRED WORK

2" A.C. Mix No. V
Tack Coat

Provide smooth riding connection to existing driveway.

Exist. A.C. Dwy.
New A.C. Dwy.



PROFILE

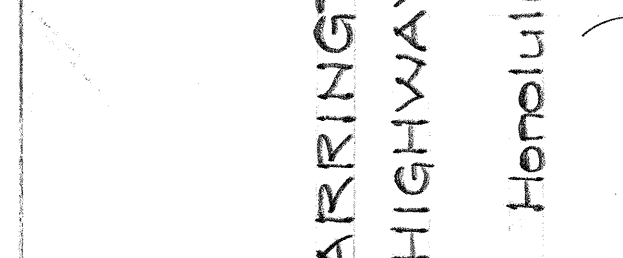
DWY. AT STA. 14+55

REQUIRED WORK

2" A.C. Mix No. V
Aggregate Base Course

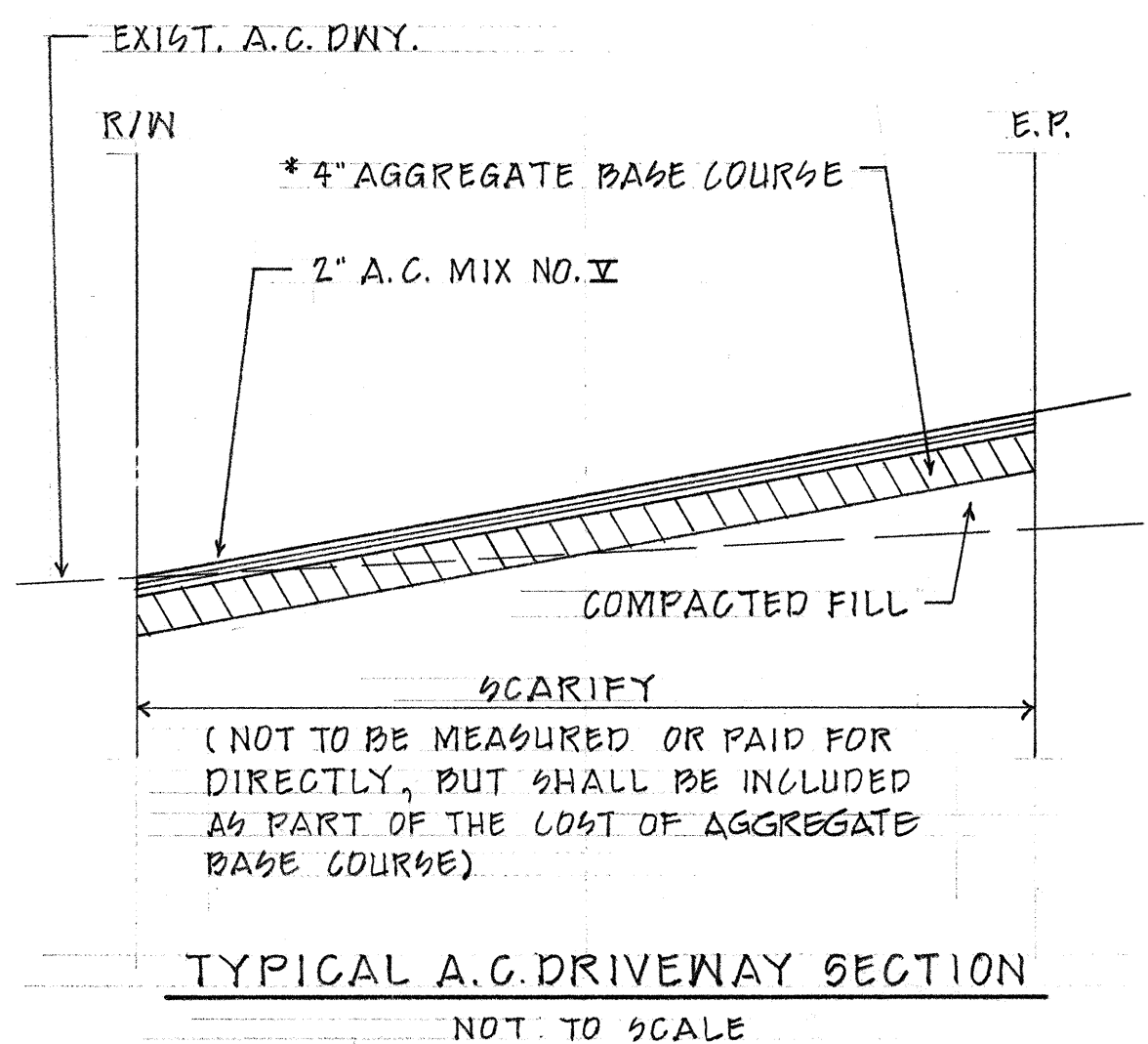
Provide smooth riding connection to existing driveway.

Existing A.C. Dwy.
New A.C. Dwy.



PROFILE

DWY. AT STA. 16+17



* Driveway at Station 30+47 shall be constructed with 8" aggregate base course.

BERNARD P. KEA
REGISTERED PROFESSIONAL ENGINEER
No. 1890
HAWAII, U.S.A.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRIVEWAY DETAILS

FARRINGTON HIGHWAY WIDENING
PROJECT 93A-02-70

SCALE: 1" = 10'

SHEET NO. 2 OF 4 SHEETS

DATE	
DESIGNED BY	
CHECKED BY	
NOTED BY	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.		1974	18	100

PROJECT NO. - 93A-02-70

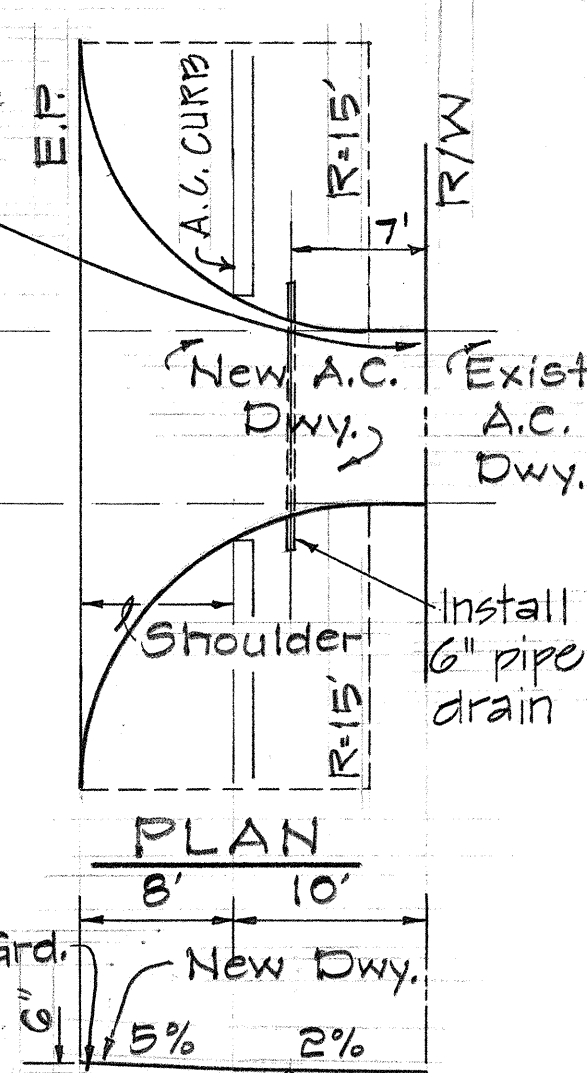
REQUIRED WORK

2" A.C. Mix No. V
4" Aggregate Base Course
6" Steel Pipe Drain

Provide smooth riding connection to existing driveway.

FARRINGTON HIGHWAY

To Honolulu



EST. QUANT.

A.C. Mix No. V = 3.6 Tons
Aggregate Base = 33 C.Y.
6" Steel Pipe (Sch. 80) = 15 L.F.

PROFILE

DWY. AT STA. 16+52

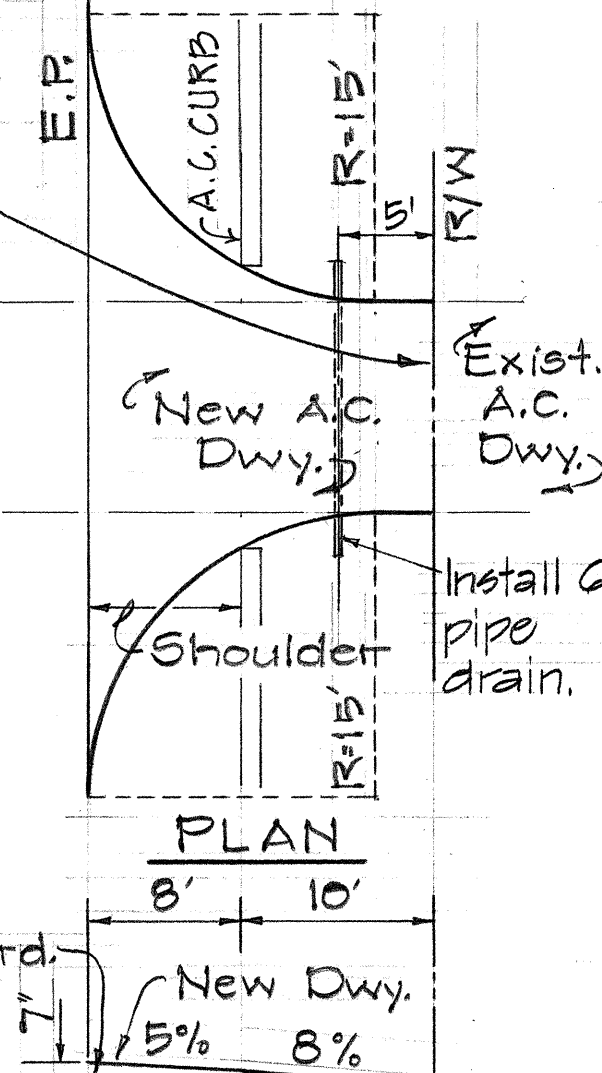
REQUIRED WORK

2" A.C. Mix No. V
Aggregate Base Course
6" Steel Pipe Drain

Provide smooth riding connection to existing driveway.

FARRINGTON HIGHWAY

To Honolulu



EST. QUANT.

A.C. Mix No. V = 4.1 Tons
Aggregate Base = 46 C.Y.
6" Steel Pipe (Sch. 80) = 15 L.F.

PROFILE

DWY. AT STA. 17+75

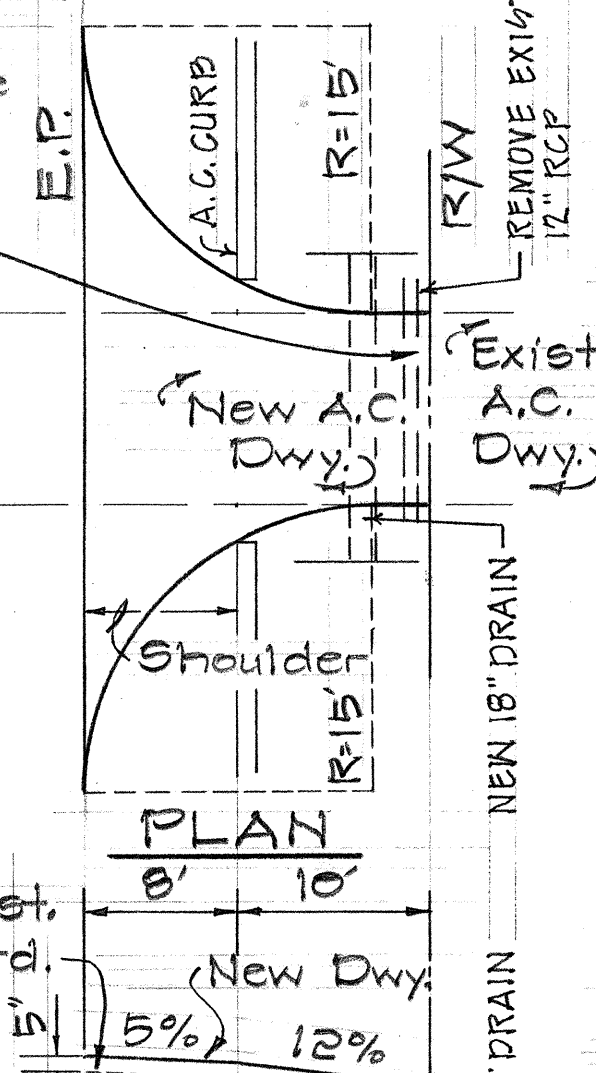
REQUIRED WORK

2" A.C. Mix No. V
4" Aggregate Base Course
Excavation

Provide smooth riding connection to existing driveway.

FARRINGTON HIGHWAY

To Honolulu



EST. QUANT.

A.C. Mix No. V = 3.8 Tons
Aggregate Base = 35 C.Y.
Excavation = 0.3 C.Y.

PROFILE

DWY. AT STA. 19+50

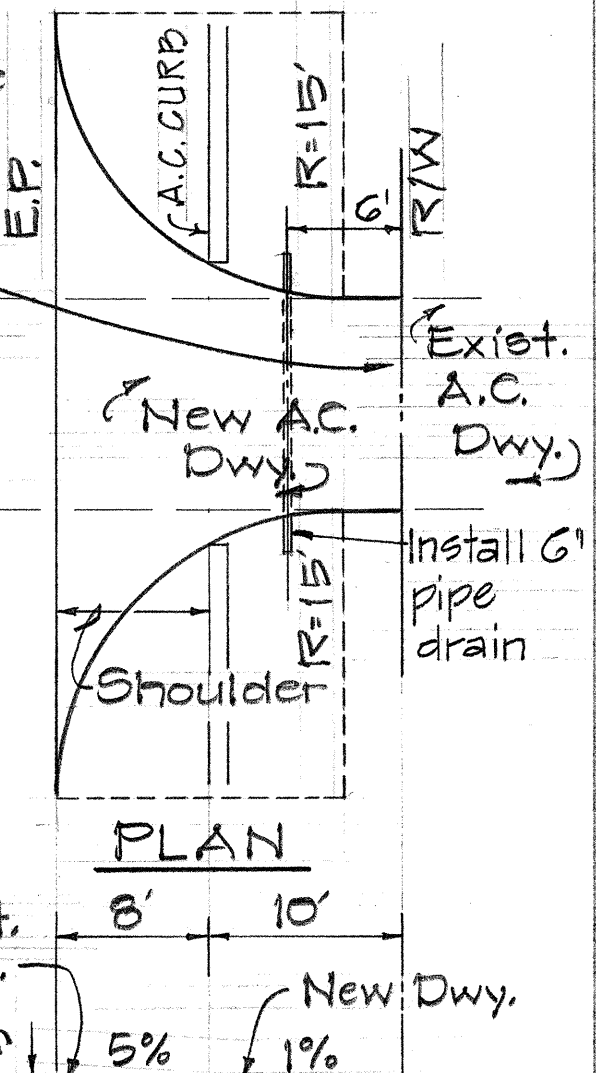
REQUIRED WORK

2" A.C. Mix No. V
4" Aggregate Base Course
Excavation
6" Steel Pipe Drain

Provide smooth riding connection to existing driveway.

FARRINGTON HIGHWAY

To Honolulu



EST. QUANT.

A.C. Mix No. V = 4.0 Tons
Aggregate Base = 37 C.Y.
Excavation = 0.4 C.Y.
6" Steel Pipe (Sch. 80) = 16 L.F.

PROFILE

DWY. AT STA. 21+42

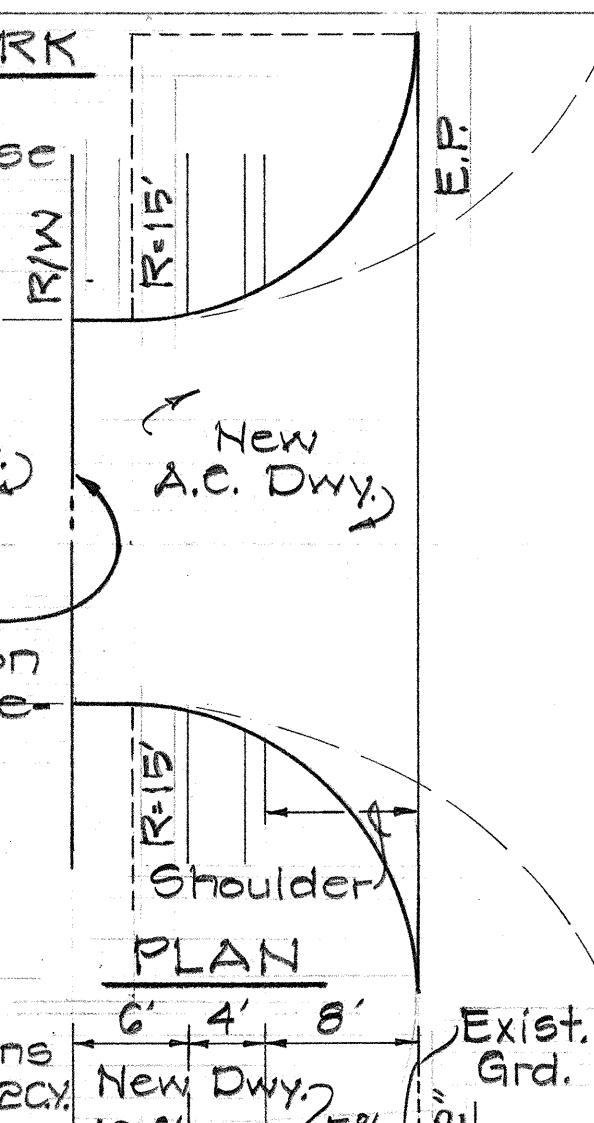
REQUIRED WORK

2" A.C. Mix No. V
4" Aggregate Base Course
Excavation
Tack Coat

Provide smooth riding connection to existing driveway.

FARRINGTON HIGHWAY

To Honolulu



EST. QUANT.

A.C. Mix No. V = 6.2 Tons
Aggregate Base = 1.2 C.Y.
Excavation = 1.2 C.Y.
Tack Coat = 0.0 Gal.

PROFILE

DWY. AT STA. 16+77

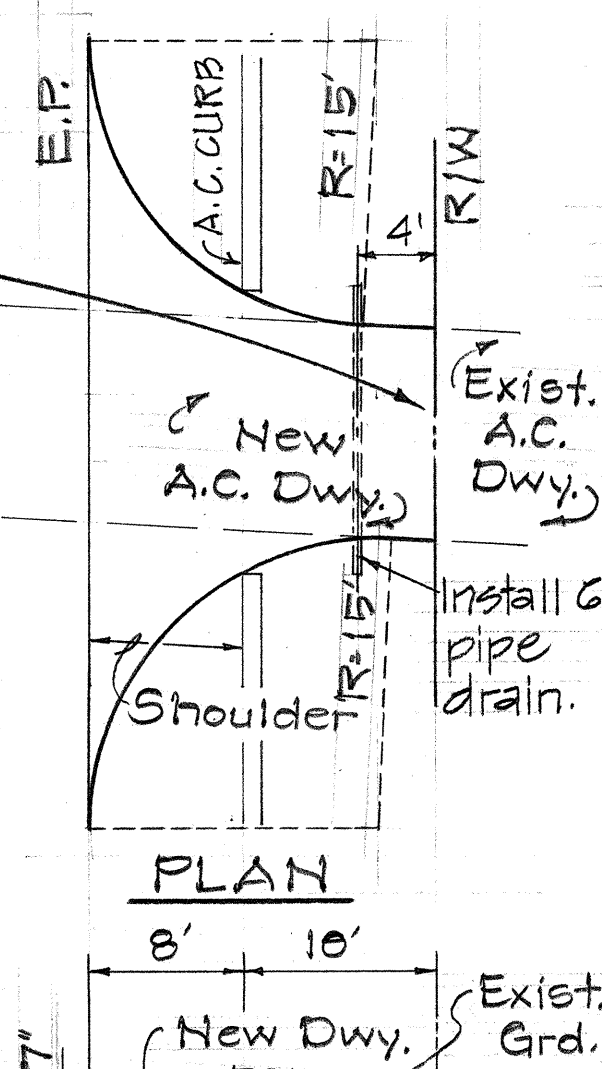
REQUIRED WORK

2" A.C. Mix No. V
Aggregate Base Course
6" Steel Pipe Drain

Provide smooth riding connection to existing driveway.

FARRINGTON HIGHWAY

To Honolulu



EST. QUANT.

A.C. Mix No. V = 4.1 Tons
Aggregate Base = 47 C.Y.
6" Steel Pipe (Sch. 80) = 15 L.F.

PROFILE

DWY. AT STA. 18+56

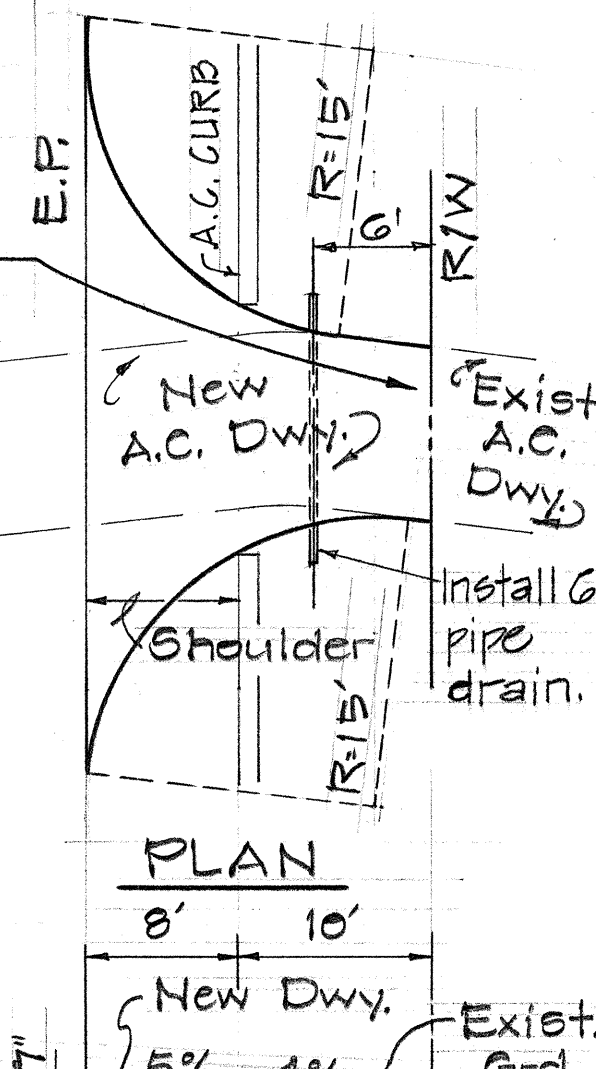
REQUIRED WORK

2" A.C. Mix No. V
Aggregate Base Course
6" Steel Pipe Drain

Provide smooth riding connection to existing driveway.

FARRINGTON HIGHWAY

To Honolulu



EST. QUANT.

A.C. Mix No. V = 3.7 Tons
Aggregate Base = 42 C.Y.
6" Steel Pipe (Sch. 80) = 14 L.F.

PROFILE

DWY. AT STA. 20+27

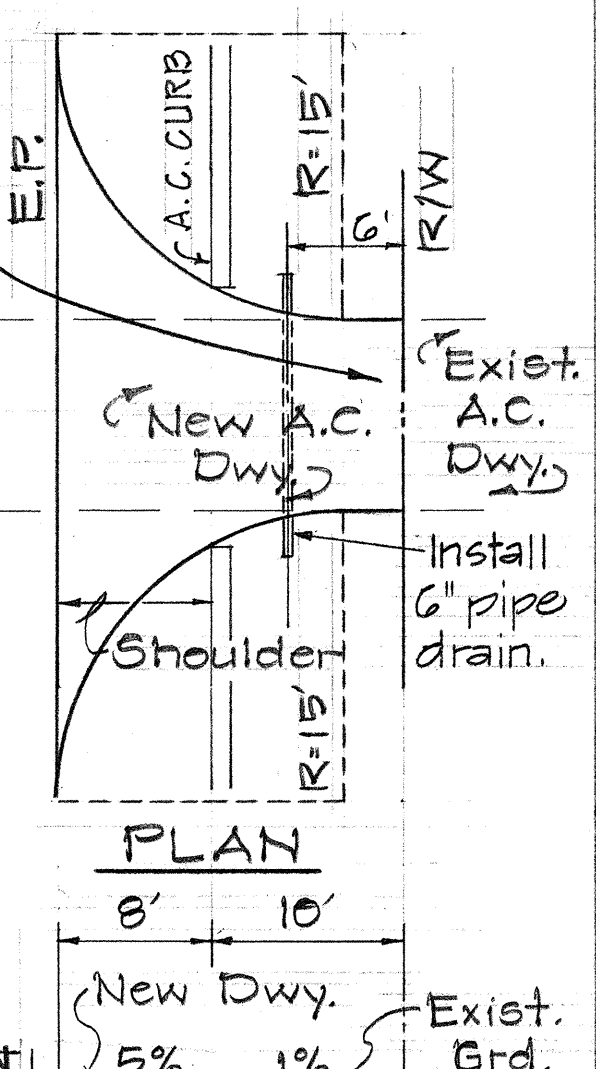
REQUIRED WORK

2" A.C. Mix No. V
Aggregate Base Course
Excavation
6" Steel Pipe Drain

Provide smooth riding connection to existing driveway.

FARRINGTON HIGHWAY

To Honolulu



EST. QUANT.

A.C. Mix No. V = 3.0 Tons
Aggregate Base = 25 C.Y.
Excavation = 0.7 C.Y.
6" Steel Pipe (Sch. 80) = 15 L.F.

PROFILE

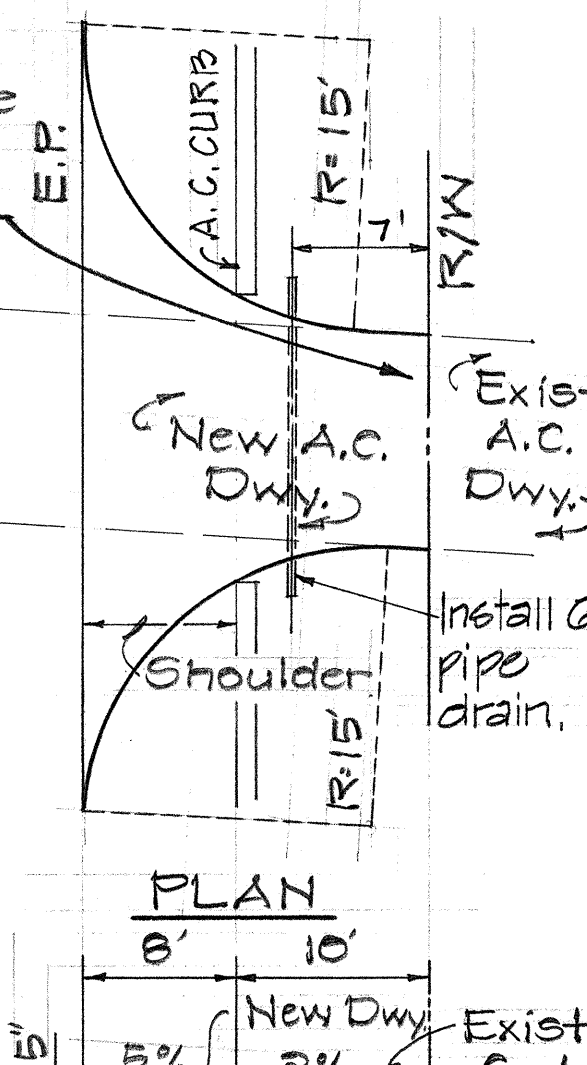
DWY. AT STA. 22+02

REQUIRED WORK

2" A.C. Mix No. V
4" Aggregate Base Course
Excavation
6" Steel Pipe Drain
Provide smooth riding connection to existing driveway.

FARRINGTON HIGHWAY

To Honolulu



EST. QUANT.

A.C. Mix No. V = 4.1 Tons
Aggregate Base = 3.8 C.Y.
Excavation = 0.4 C.Y.
6" Steel Pipe (Sch. 80) = 16 L.F.

PROFILE

DWY. AT STA. 17+38

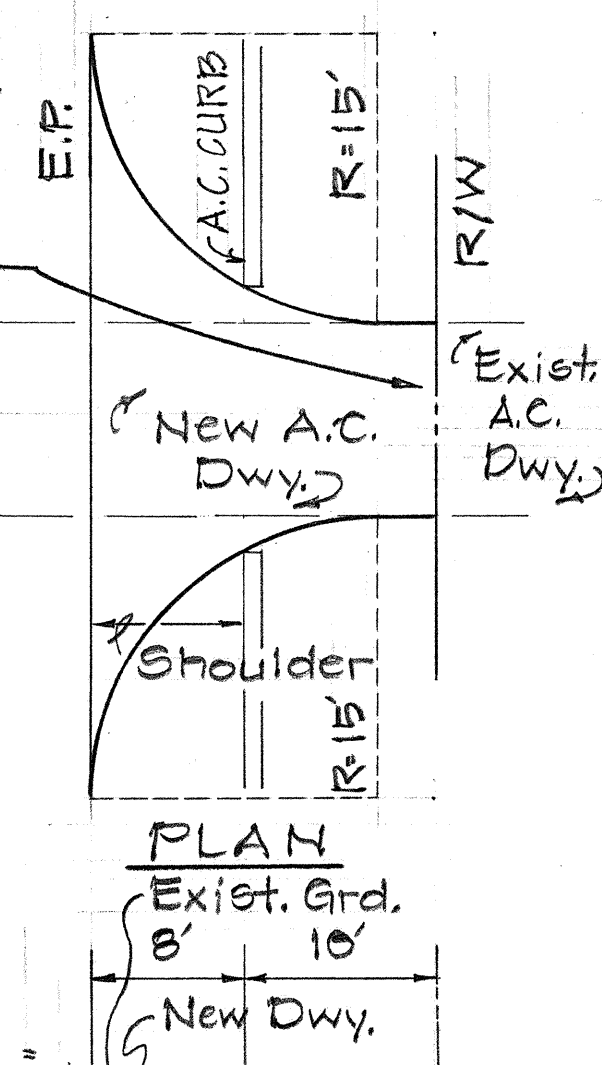
REQUIRED WORK

2" A.C. Mix No. V
4" Aggregate Base Course
Excavation
Tack Coat

Provide smooth riding connection to existing driveway.

FARRINGTON HIGHWAY

To Honolulu



EST. QUANT.

A.C. Mix No. V = 3.7 Tons
Aggregate Base = 1.2 C.Y.
Excavation = 1.8 C.Y.
Tack Coat = 5.0 Gal.

PROFILE

DWY. AT STA. 18+91

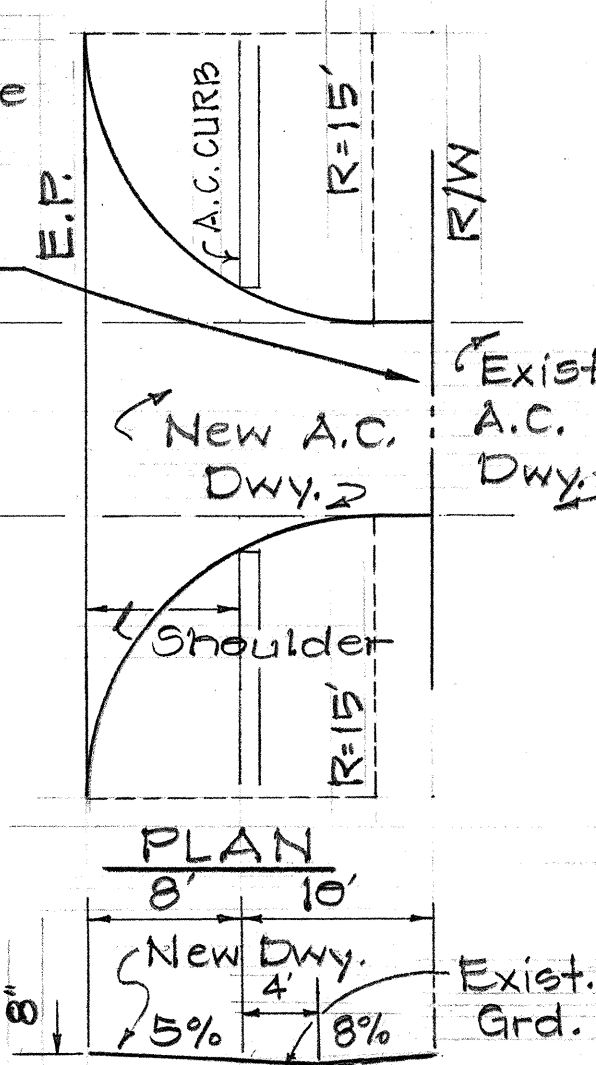
REQUIRED WORK

2" A.C. Mix No. V
4" Aggregate Base Course
Coral Aggregate Subbase

Provide smooth riding connection to existing driveway.

FARRINGTON HIGHWAY

To Honolulu



EST. QUANT.

A.C. Mix No. V = 3.8 Tons
Aggregate Base = 3.6 C.Y.
Coral Aggregate Subbase = 1.4 C.Y.

PROFILE

DWY. AT STA. 21+09

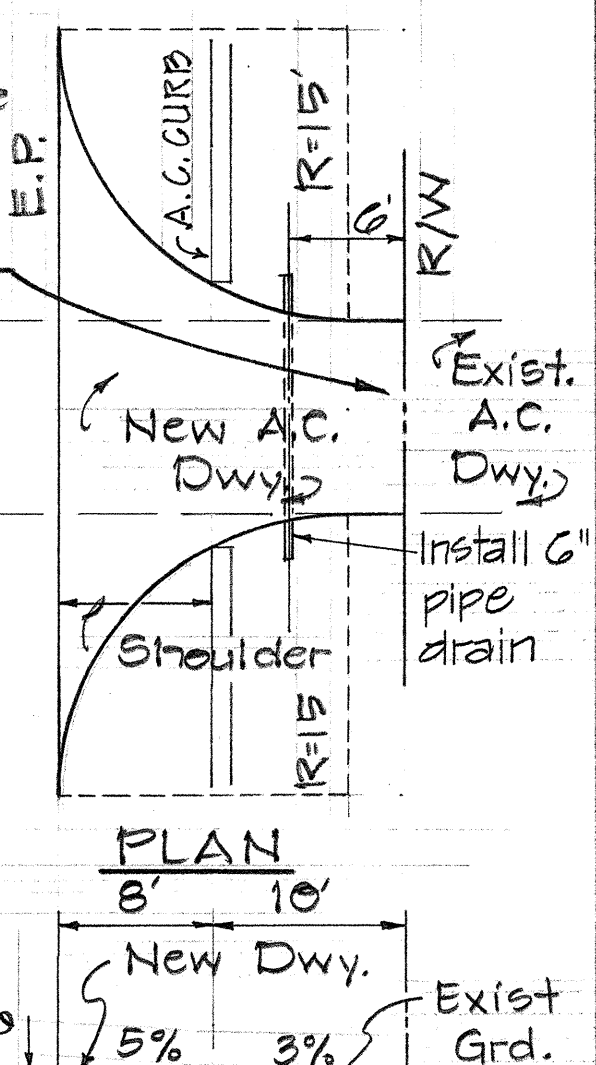
REQUIRED WORK

2" A.C. Mix No. V
4" Aggregate Base Course
6" Steel Pipe Drain

Provide smooth riding connection to existing driveway.

FARRINGTON HIGHWAY

To Honolulu

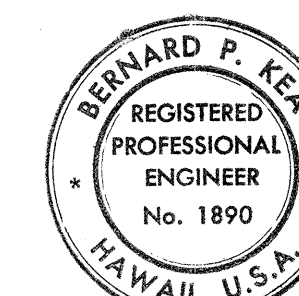


EST. QUANT.

A.C. Mix No. V = 3.8 Tons
Aggregate Base = 3.2 C.Y.
6" Steel Pipe (Sch. 80) = 15 L.F.

PROFILE

DWY. AT STA. 22+88



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.
Bernard P. Koa
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRIVEWAY DETAILS

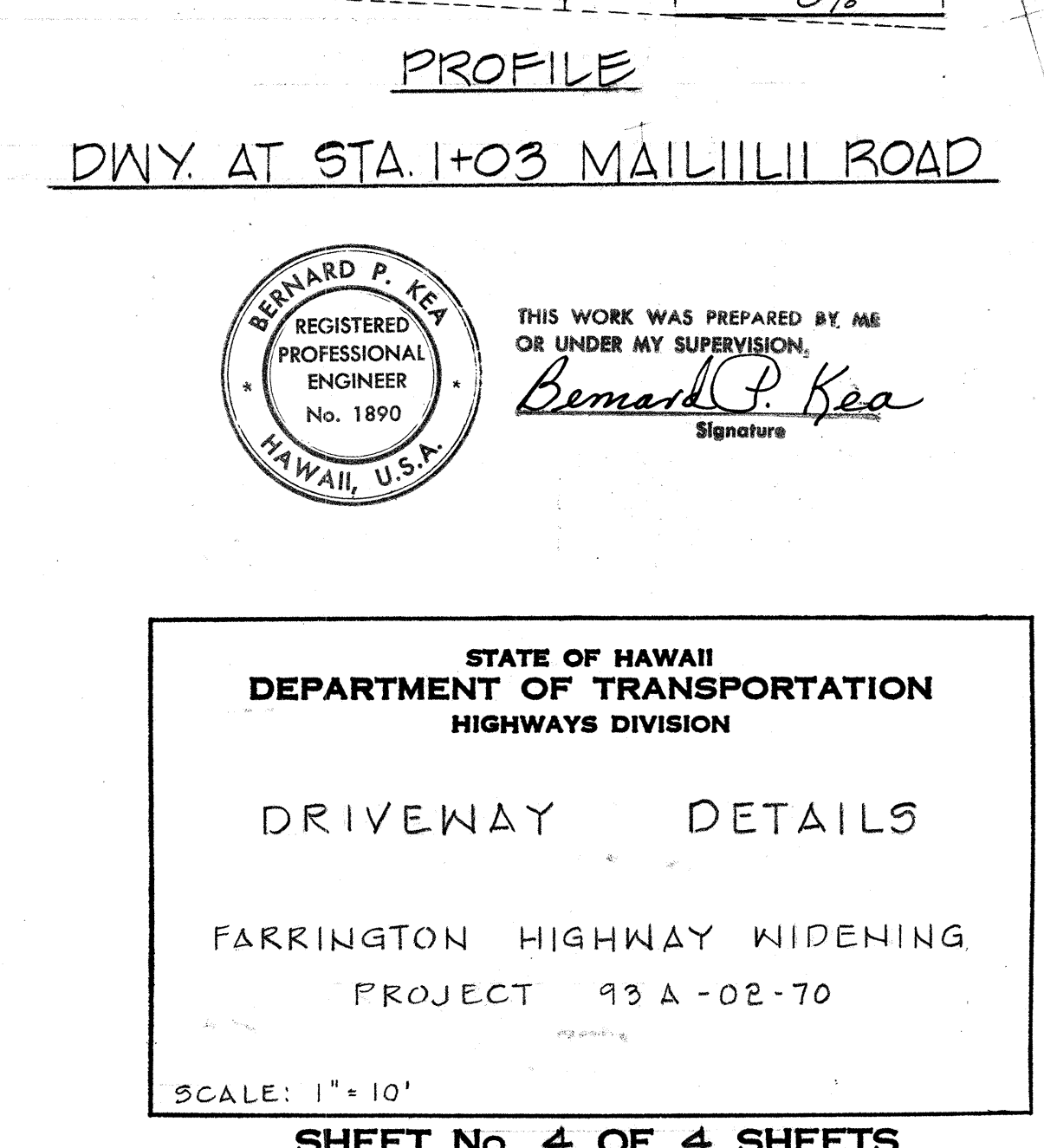
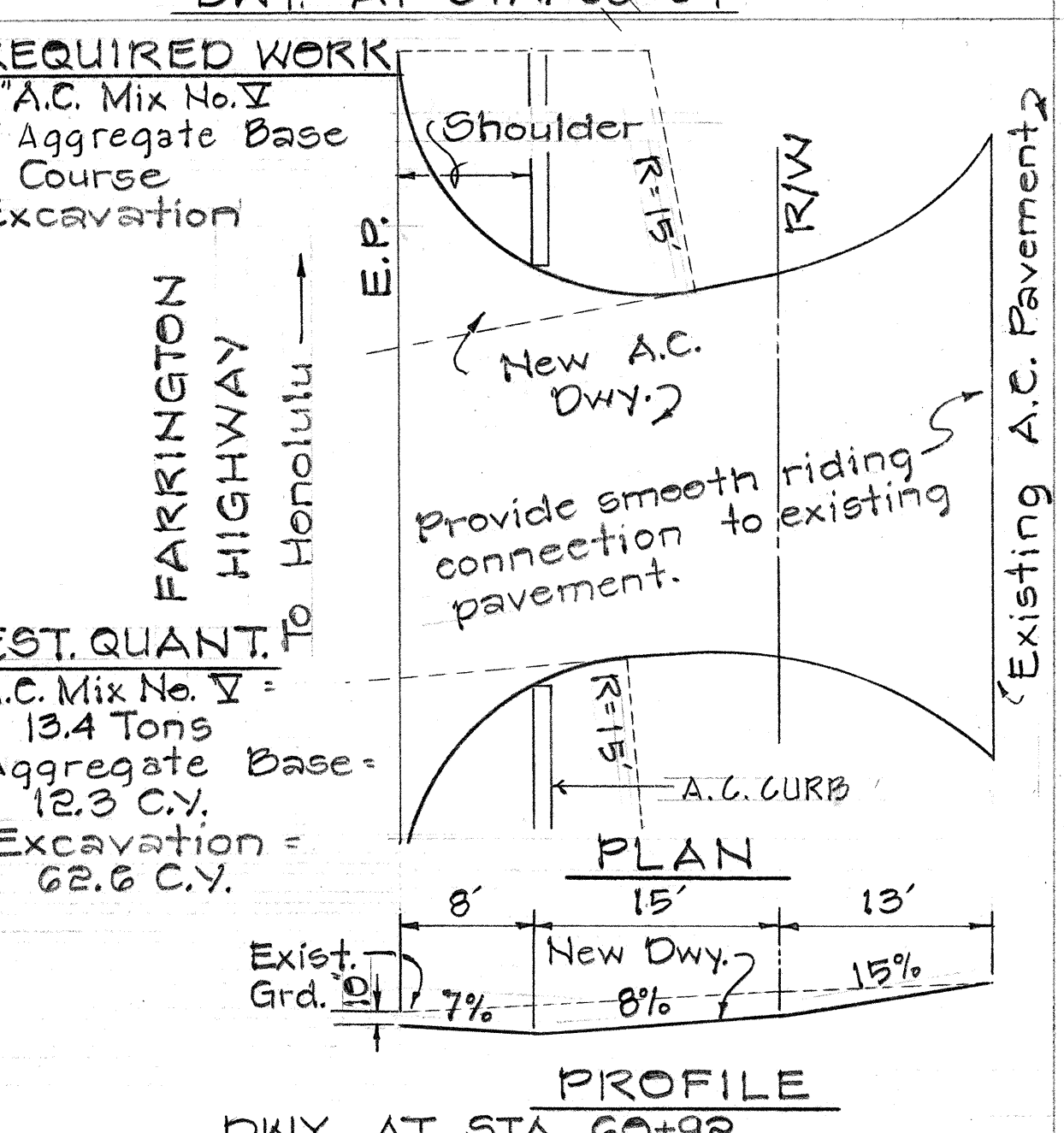
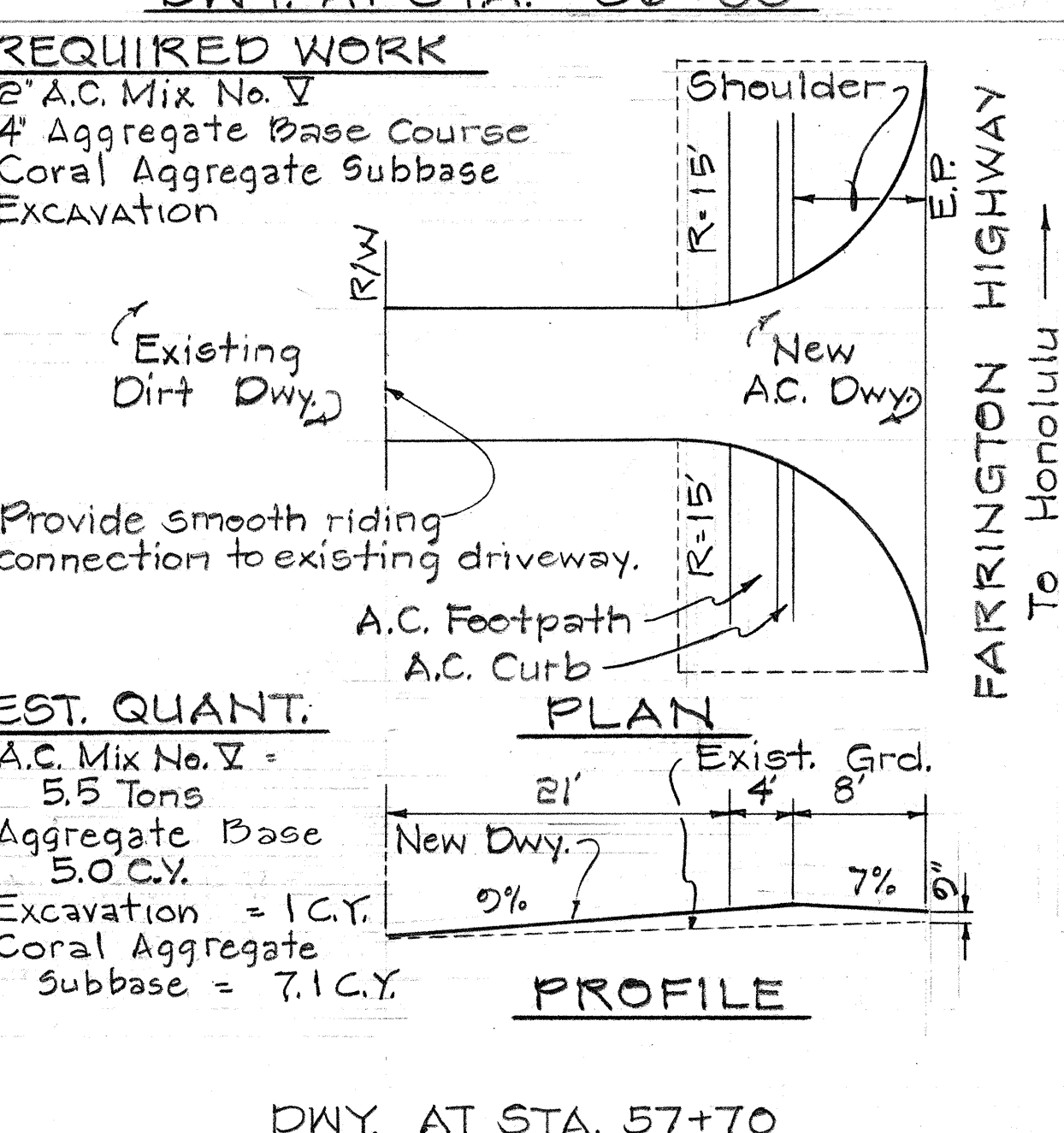
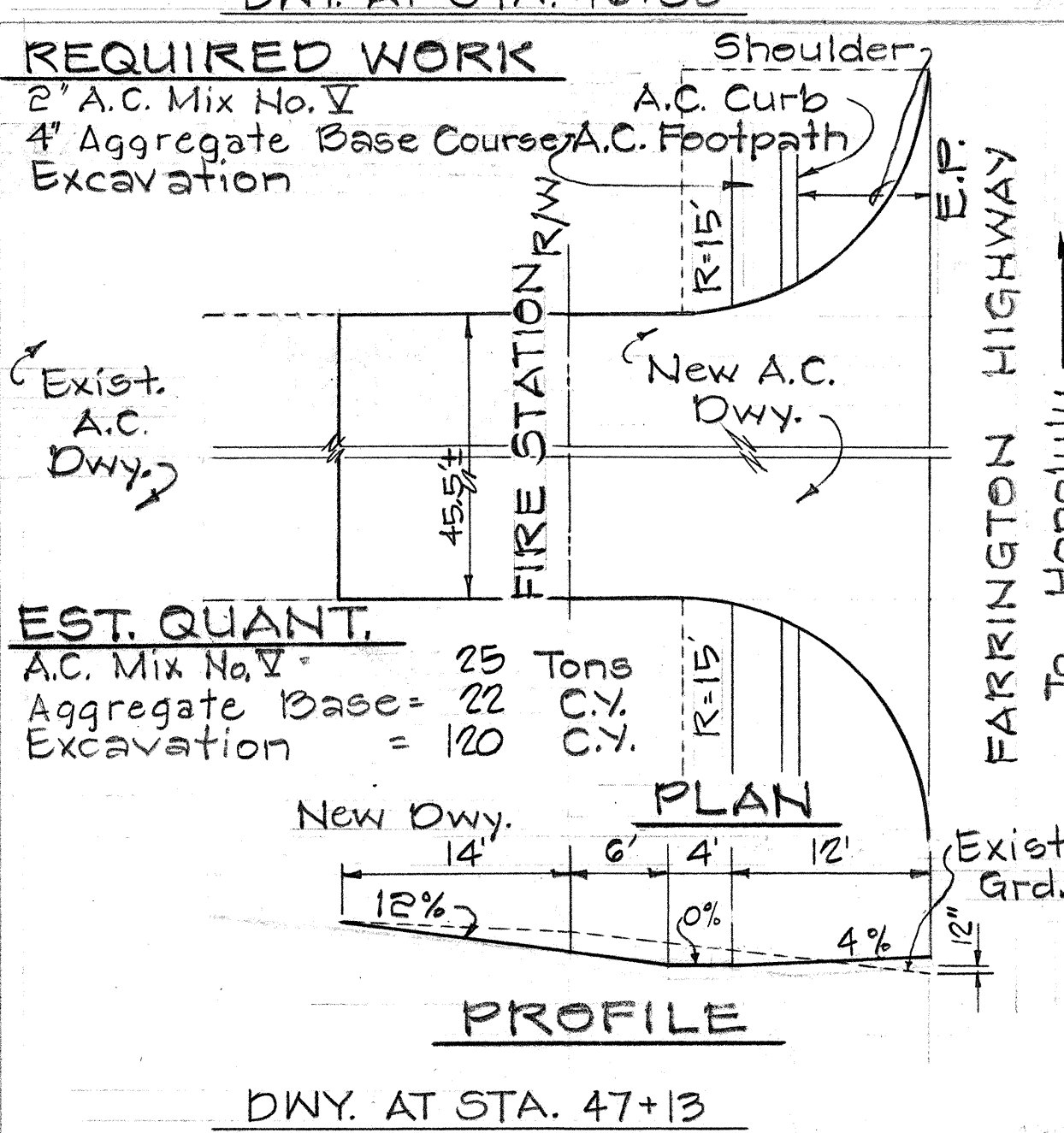
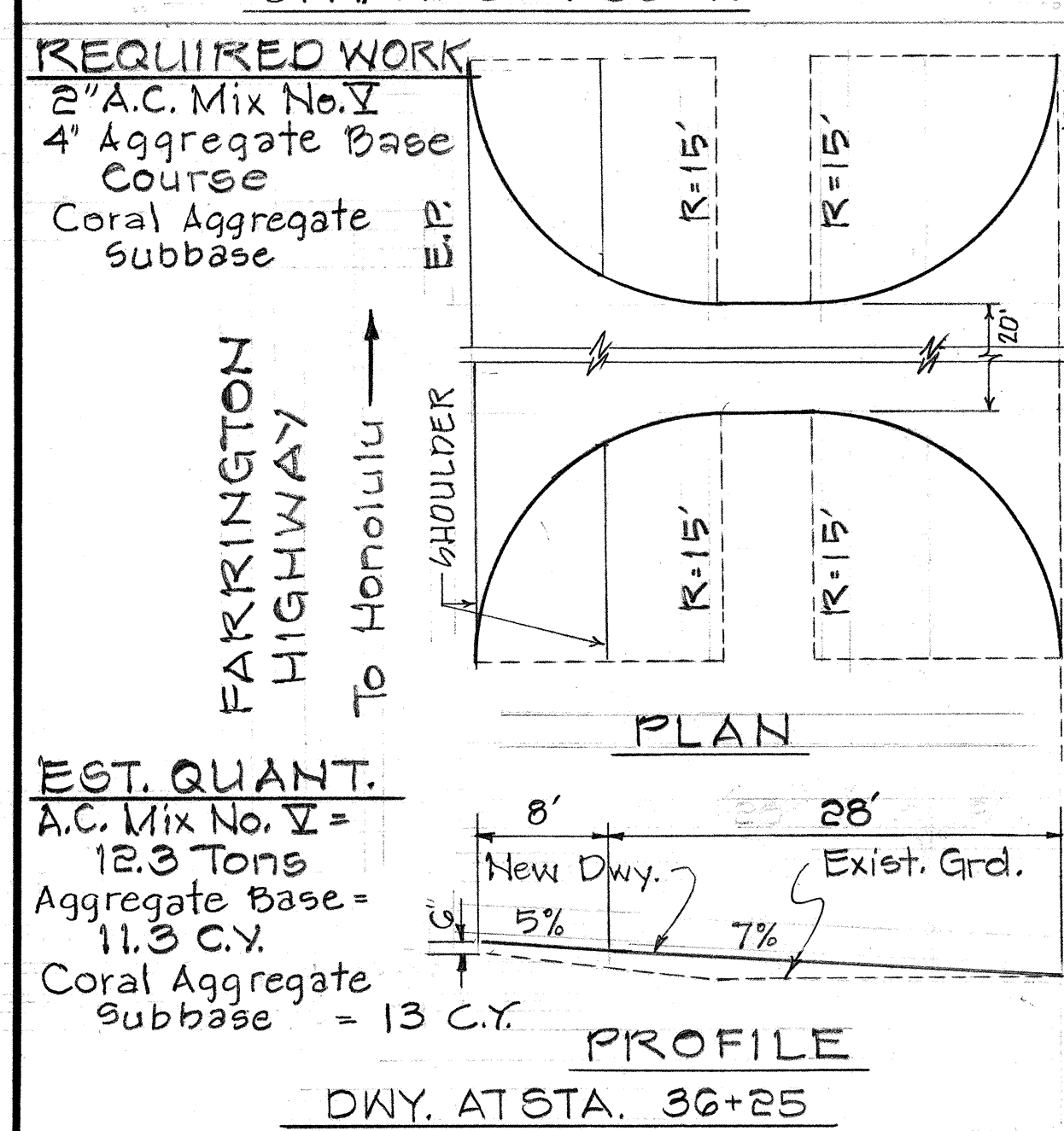
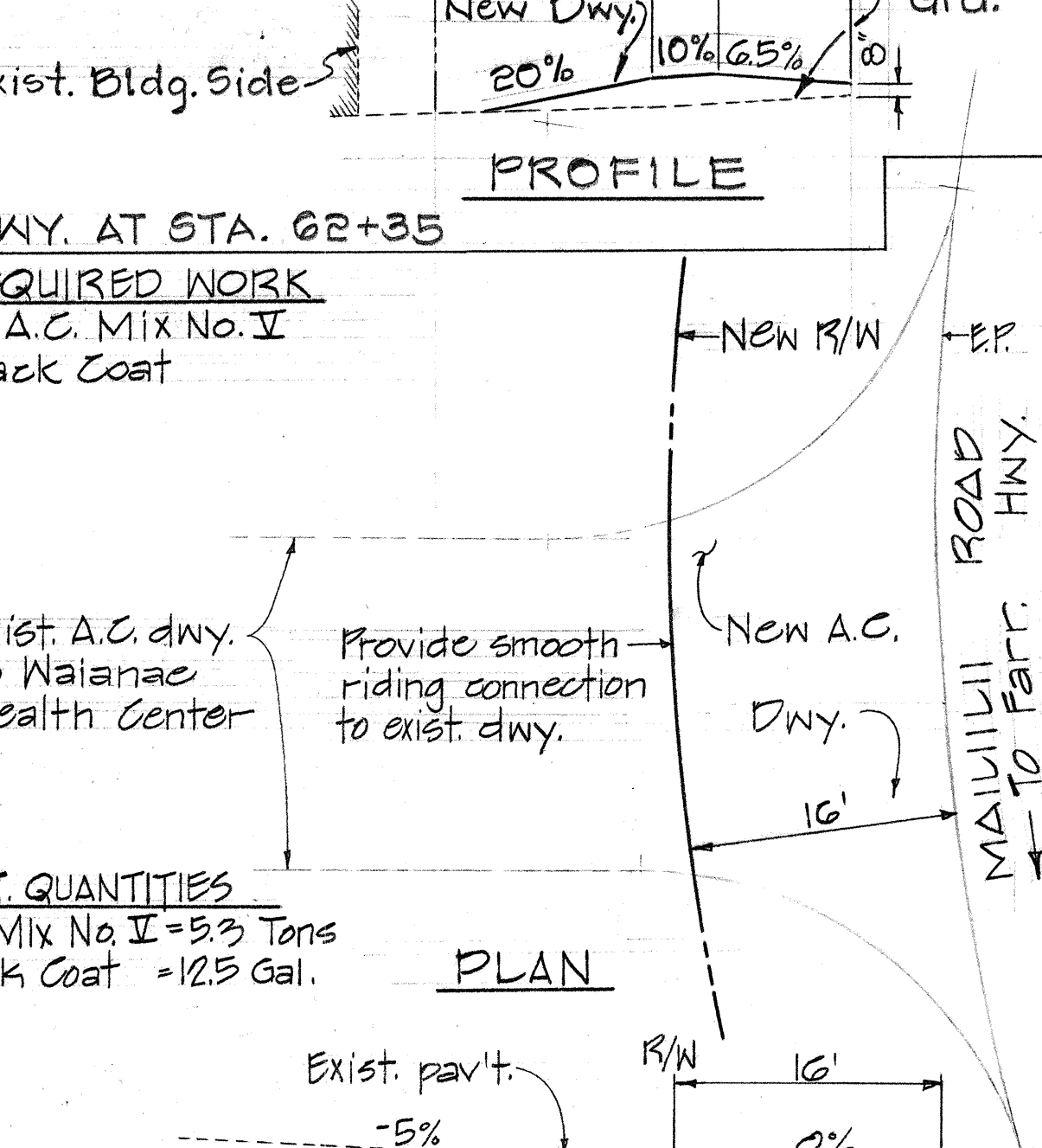
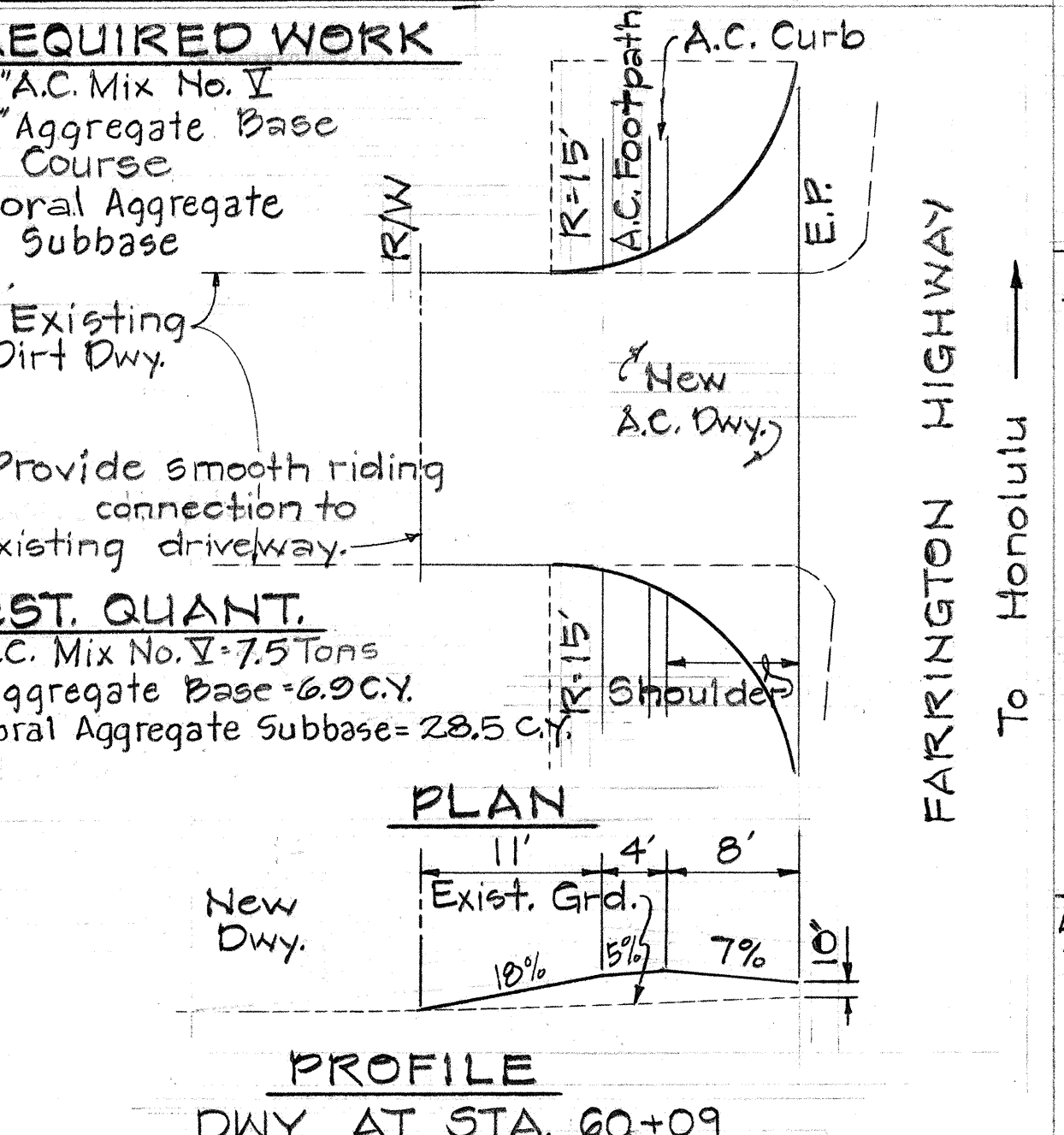
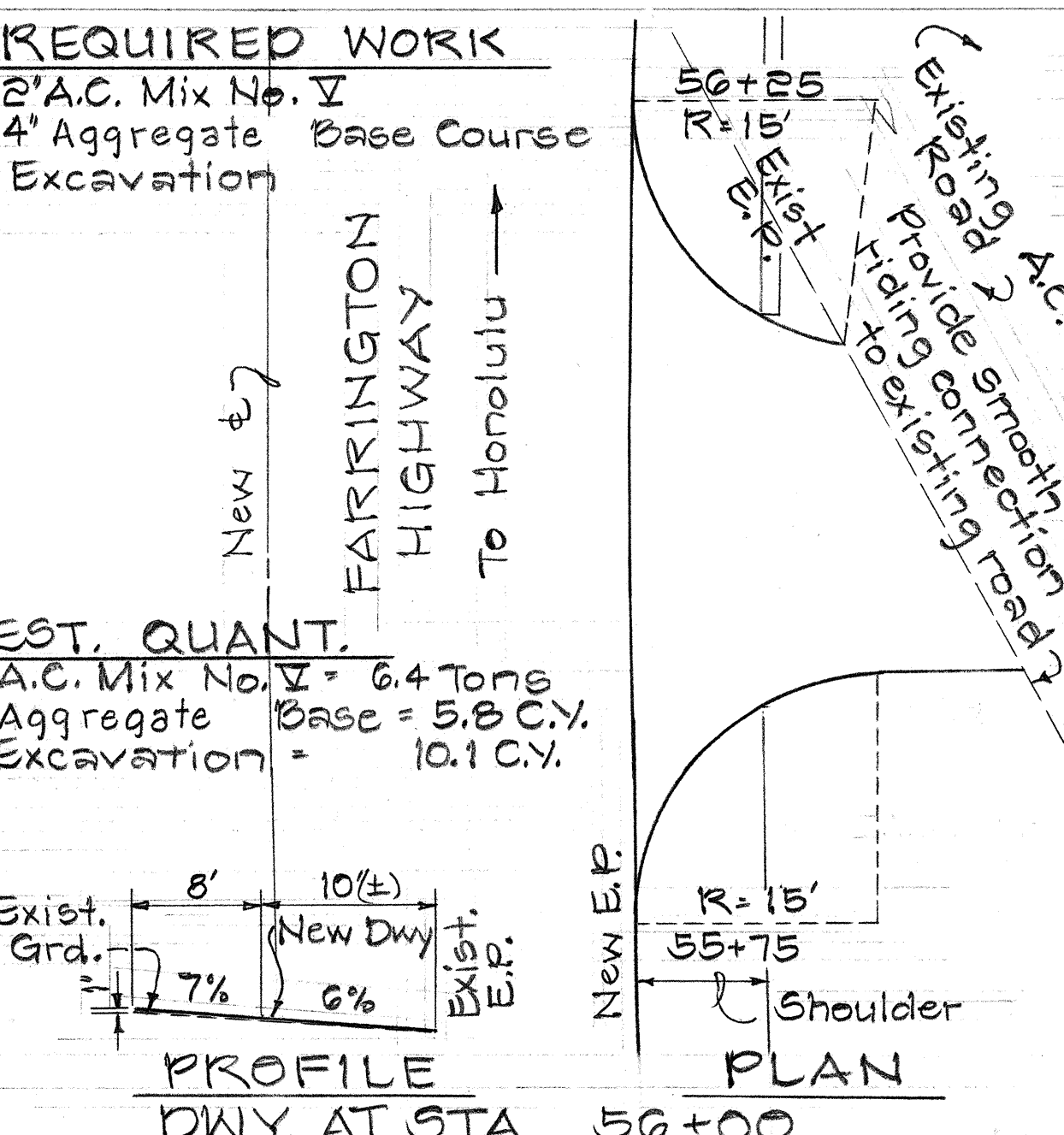
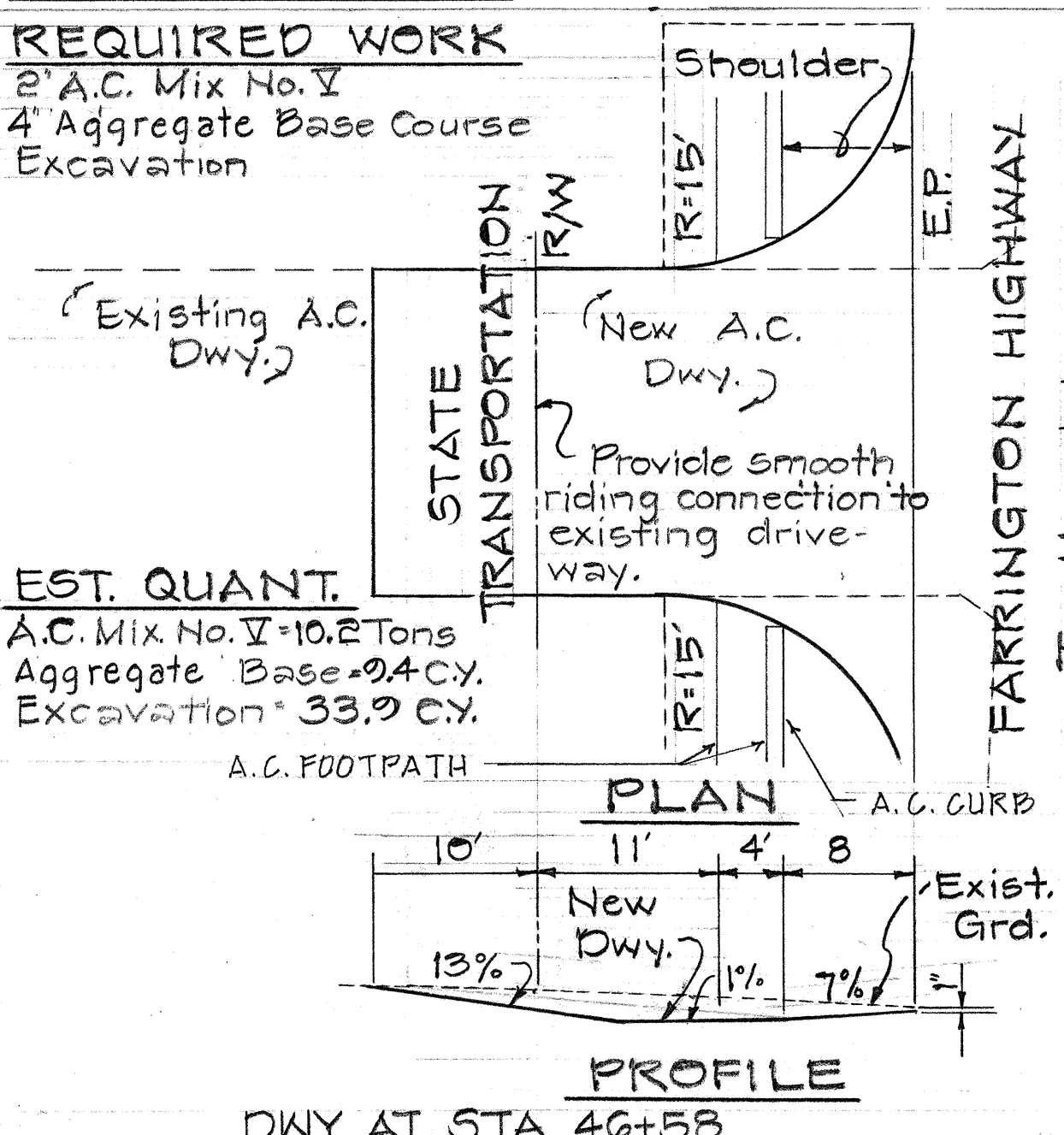
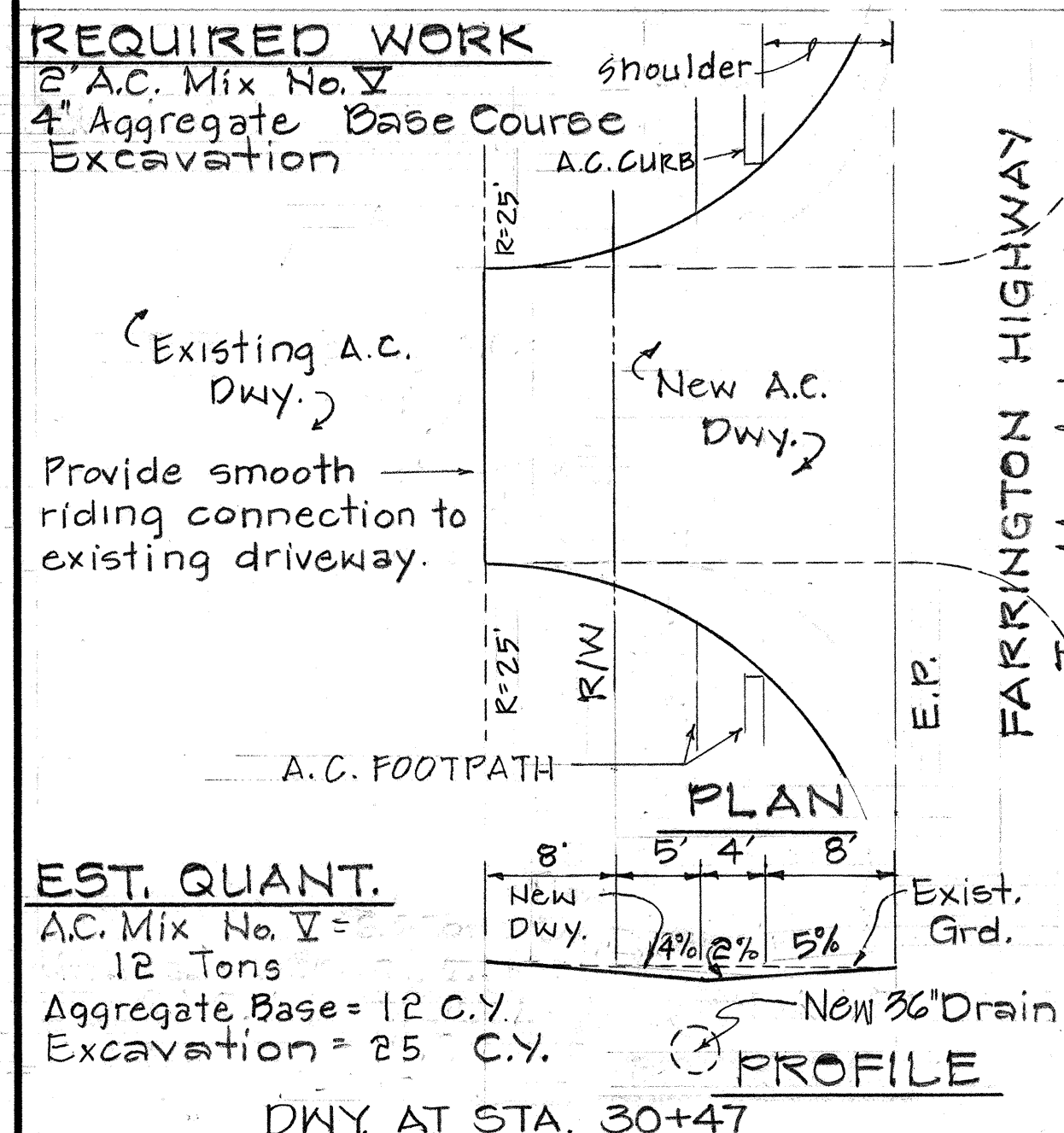
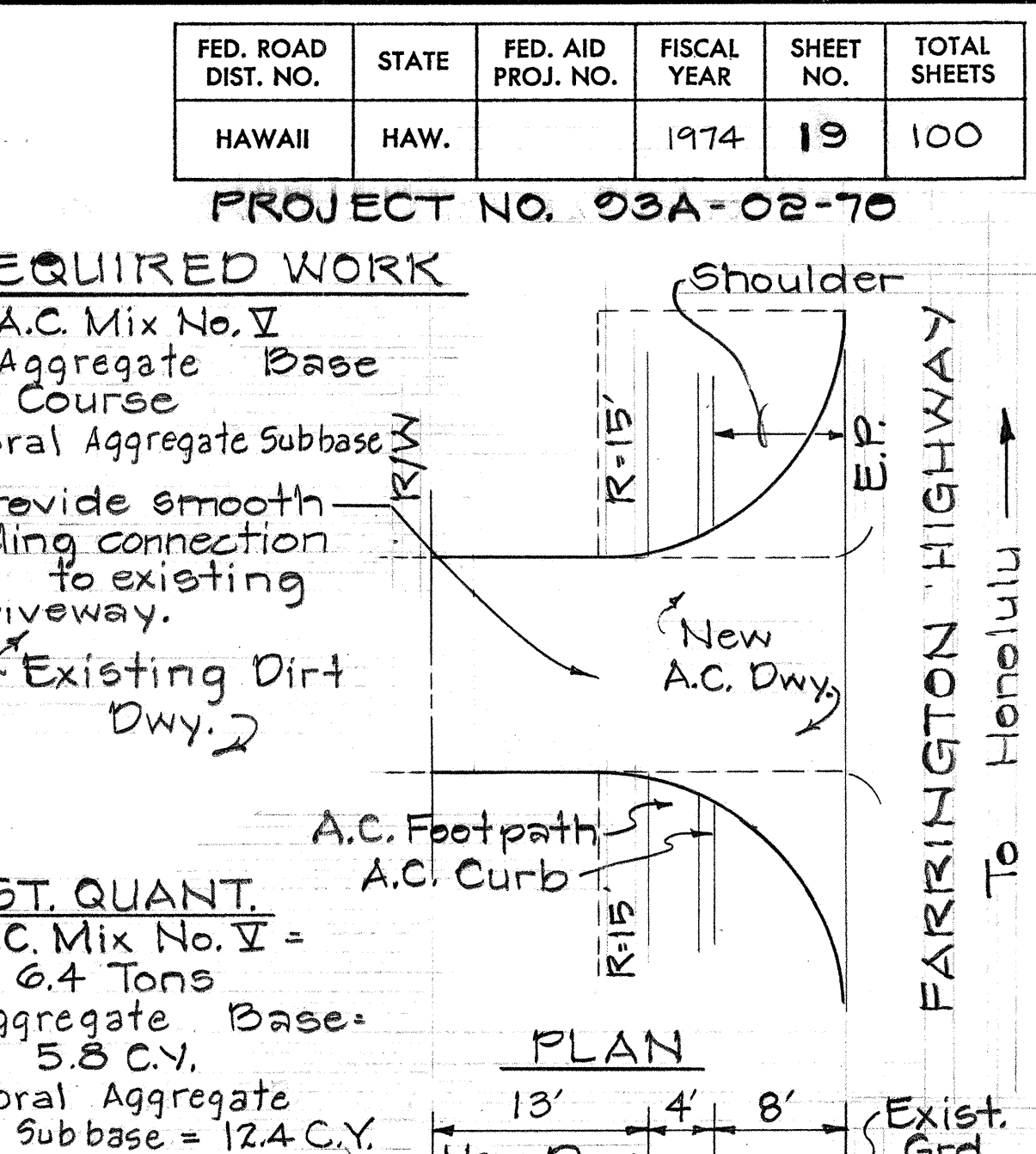
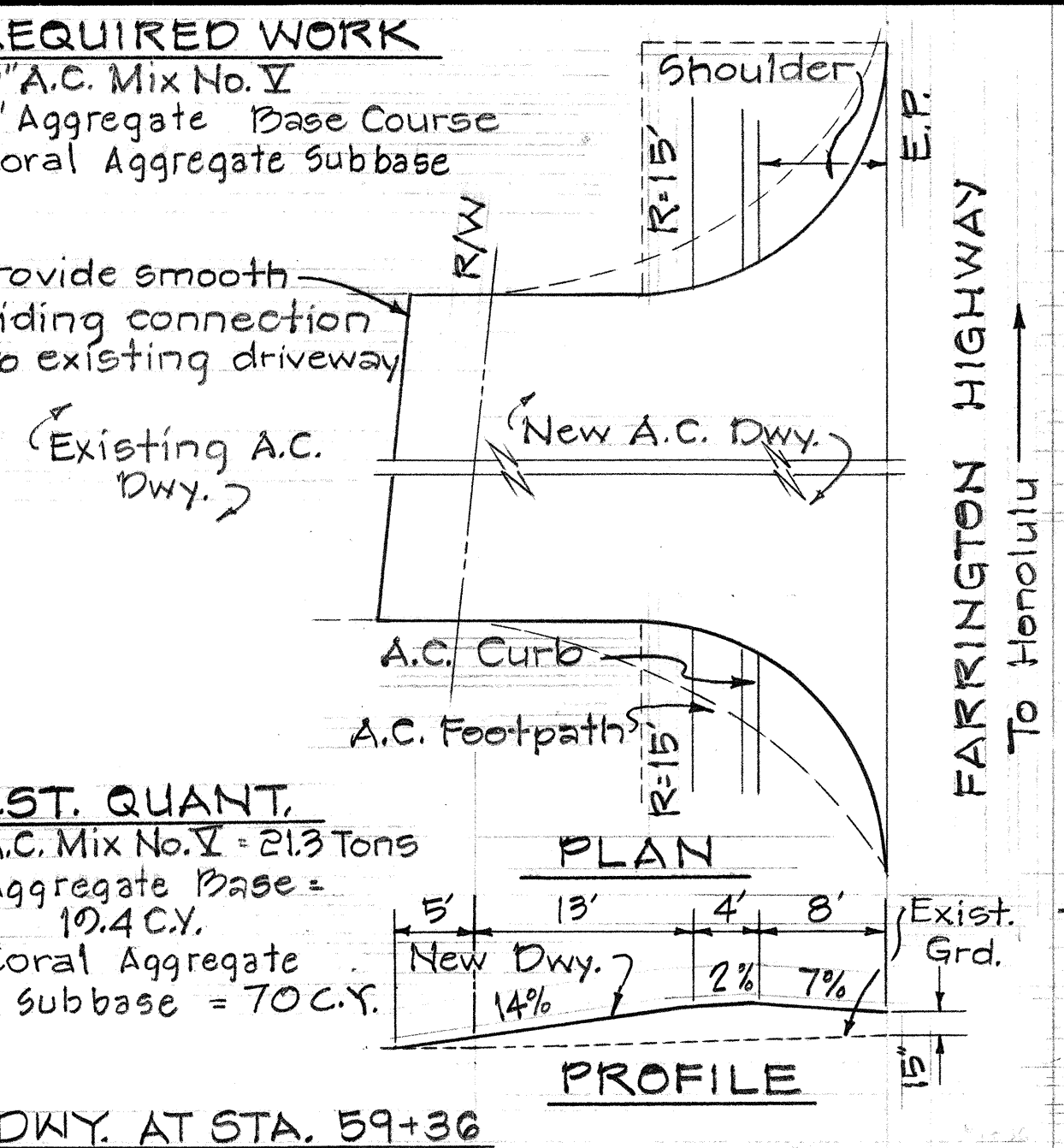
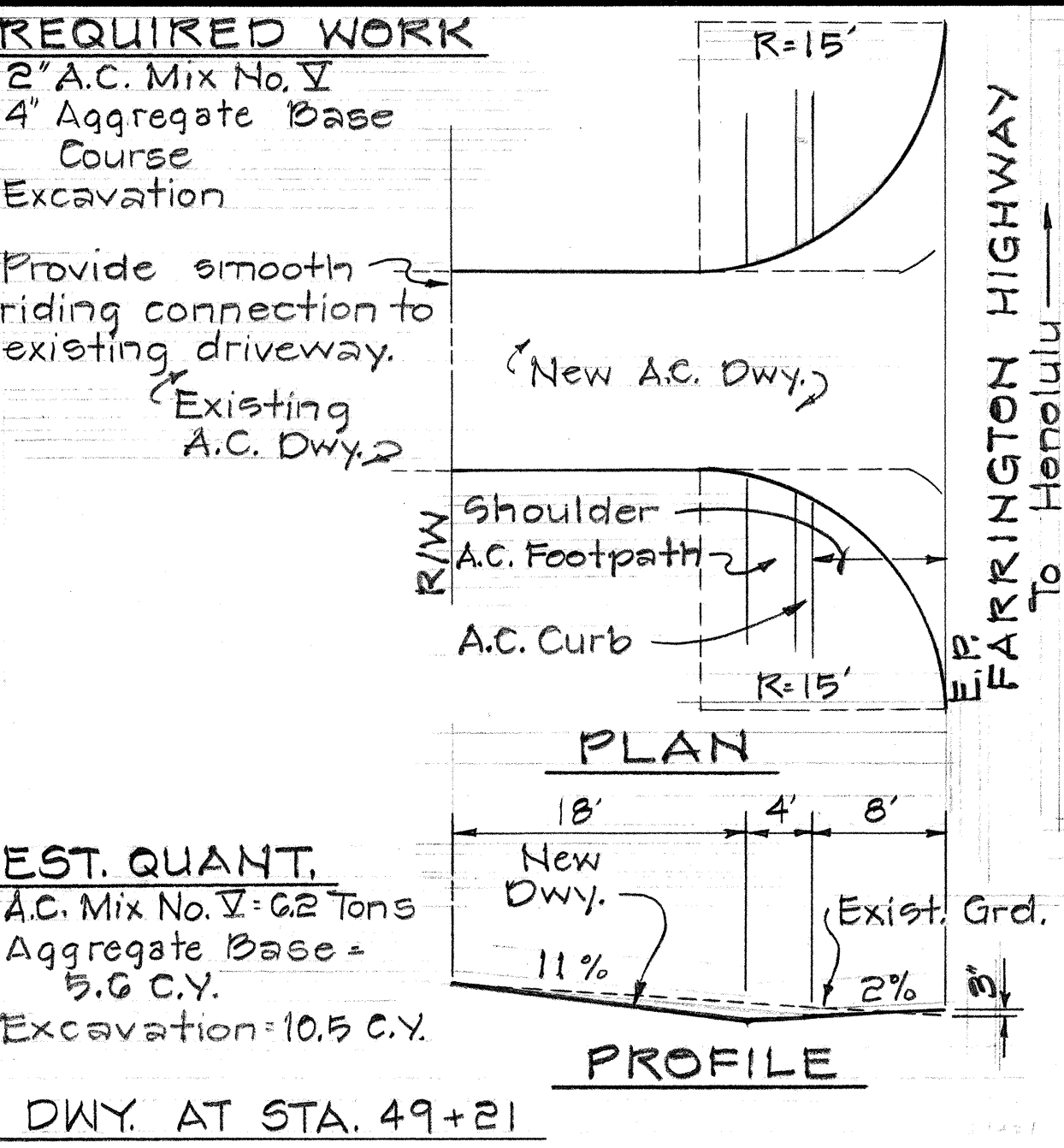
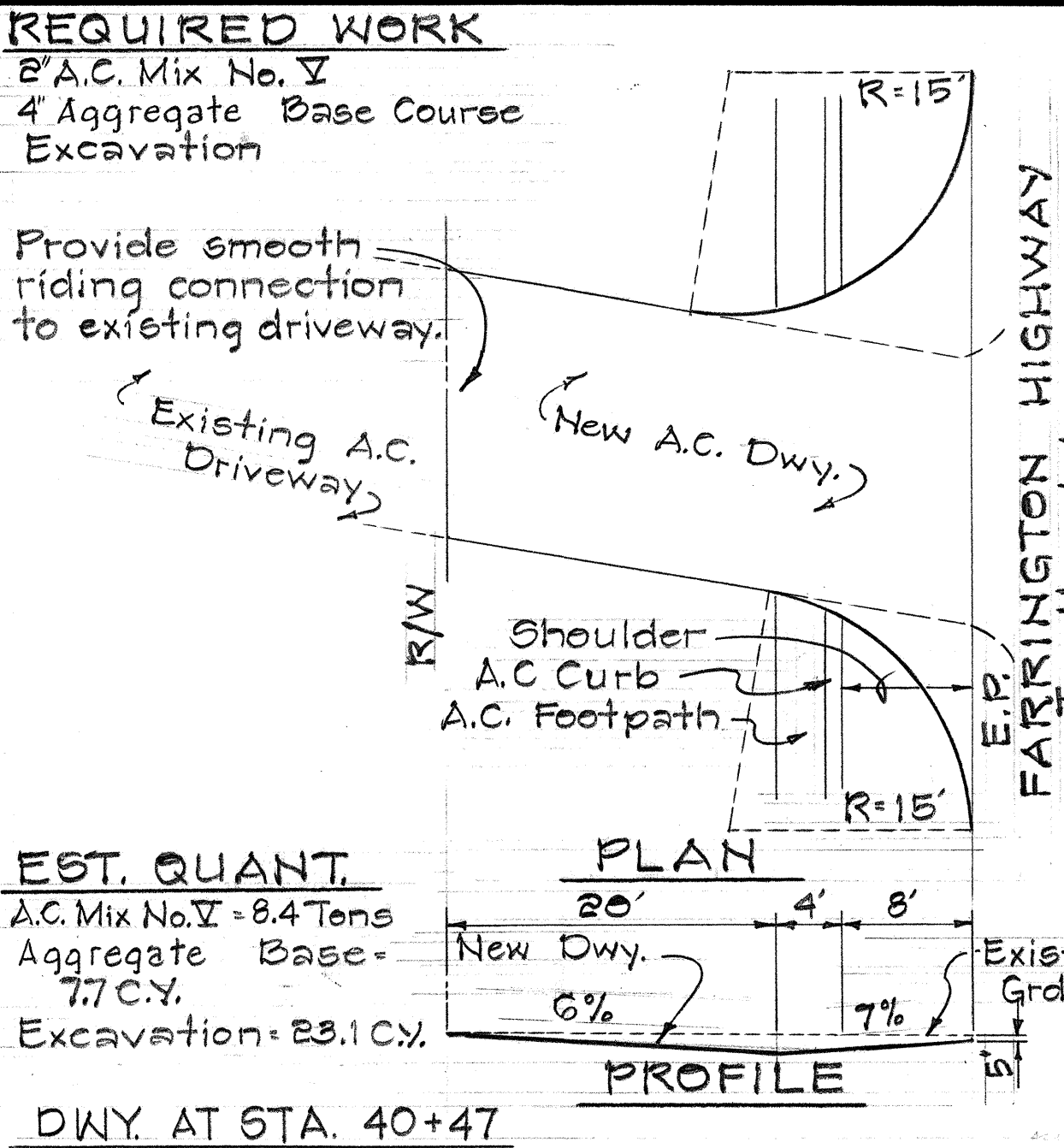
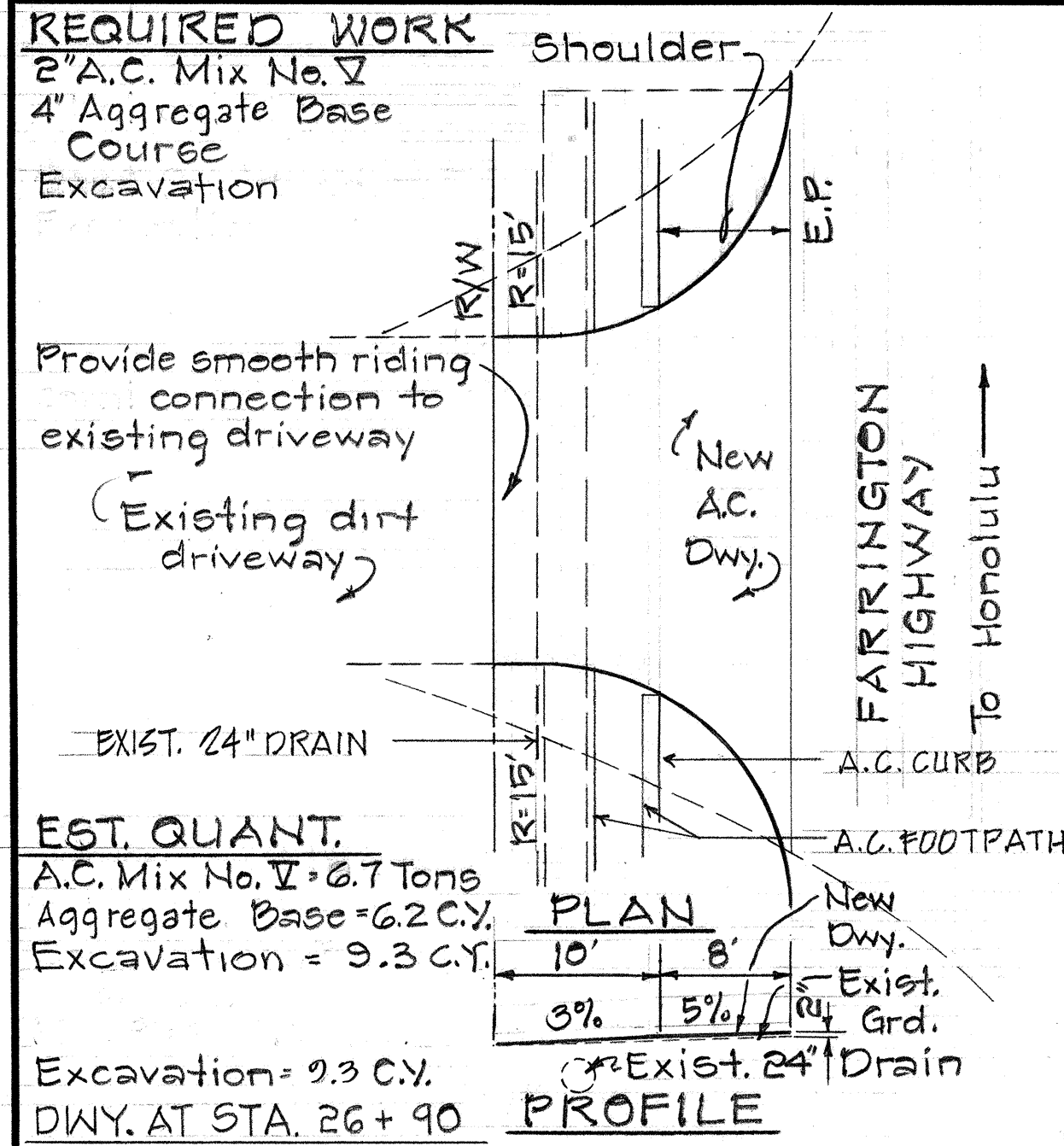
FARRINGTON HIGHWAY WIDENING
PROJECT 93A-02-70

SCALE: 1" = 10'

SHEET No. 3 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.		1974	19	100

PROJECT NO. 93A-02-70



BERNARD P. KEA
REGISTERED PROFESSIONAL ENGINEER
No. 1890
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Bernard P. Kea
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRIVEWAY DETAILS

FARRINGTON HIGHWAY WIDENING
PROJECT 93A-02-70

SCALE: 1" = 10'

SHEET No. 4 OF 4 SHEETS

DATE	BY
DESIGNED BY	
DRAWN BY	
CHECKED BY	
NOTED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	