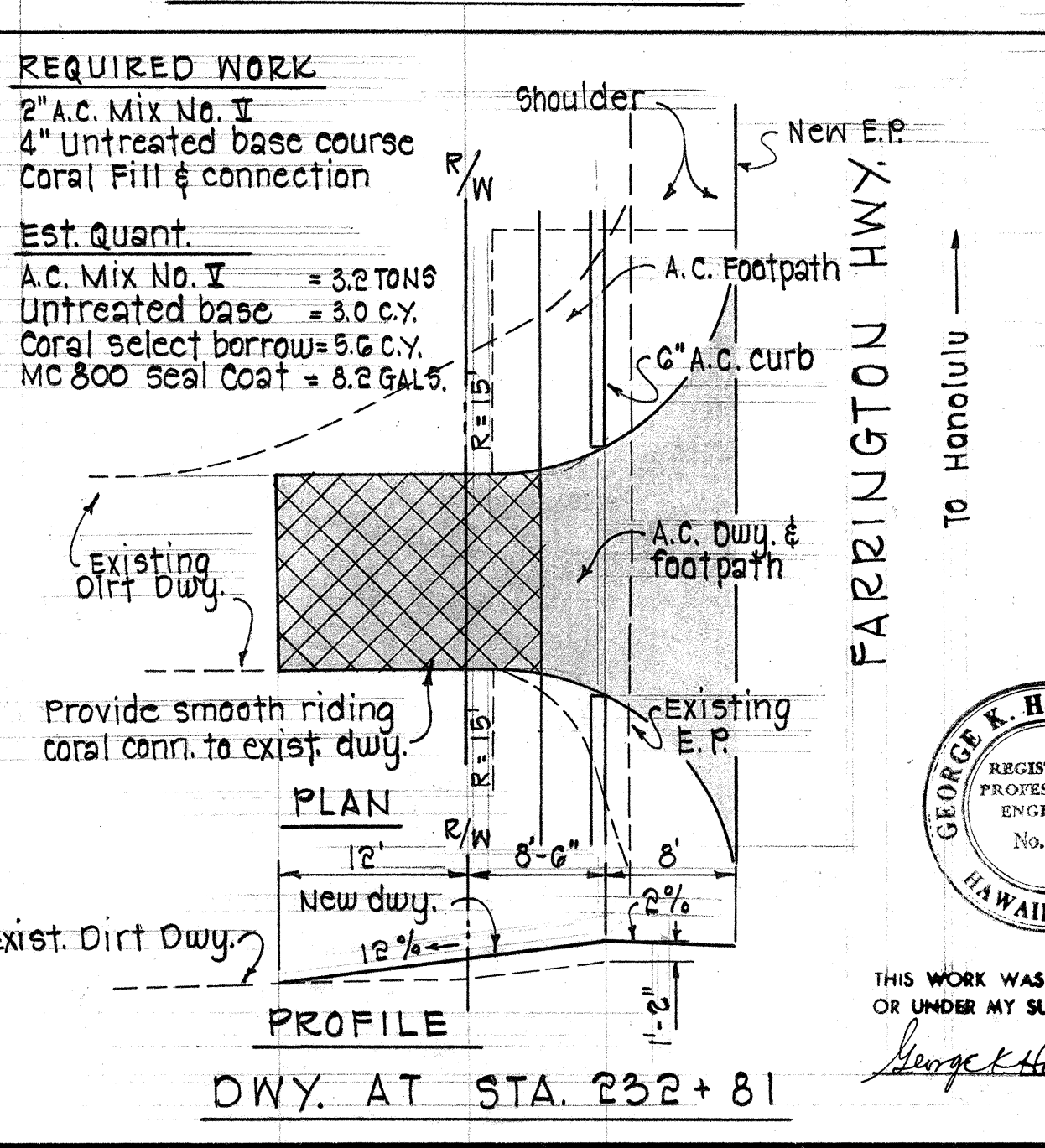
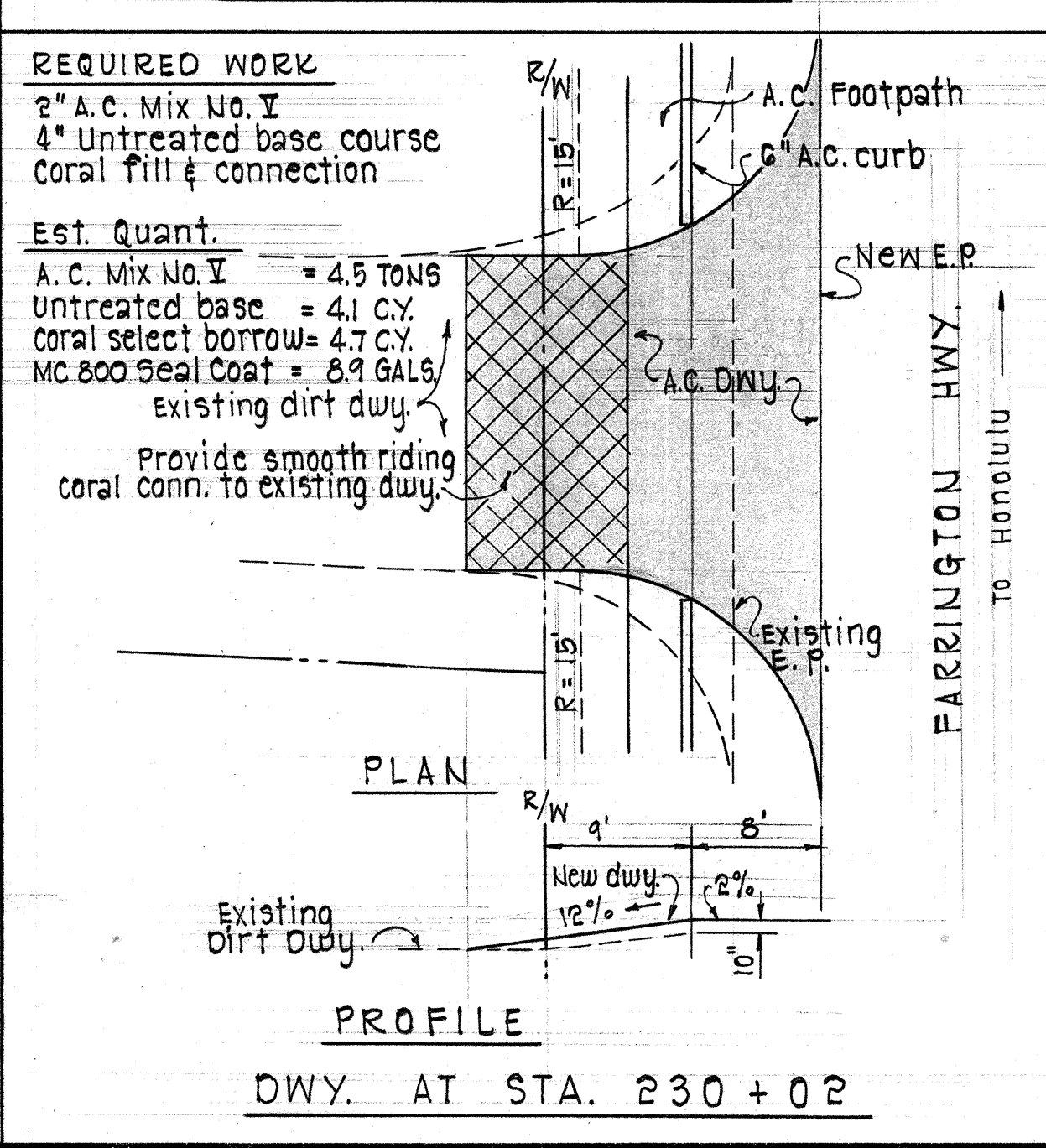
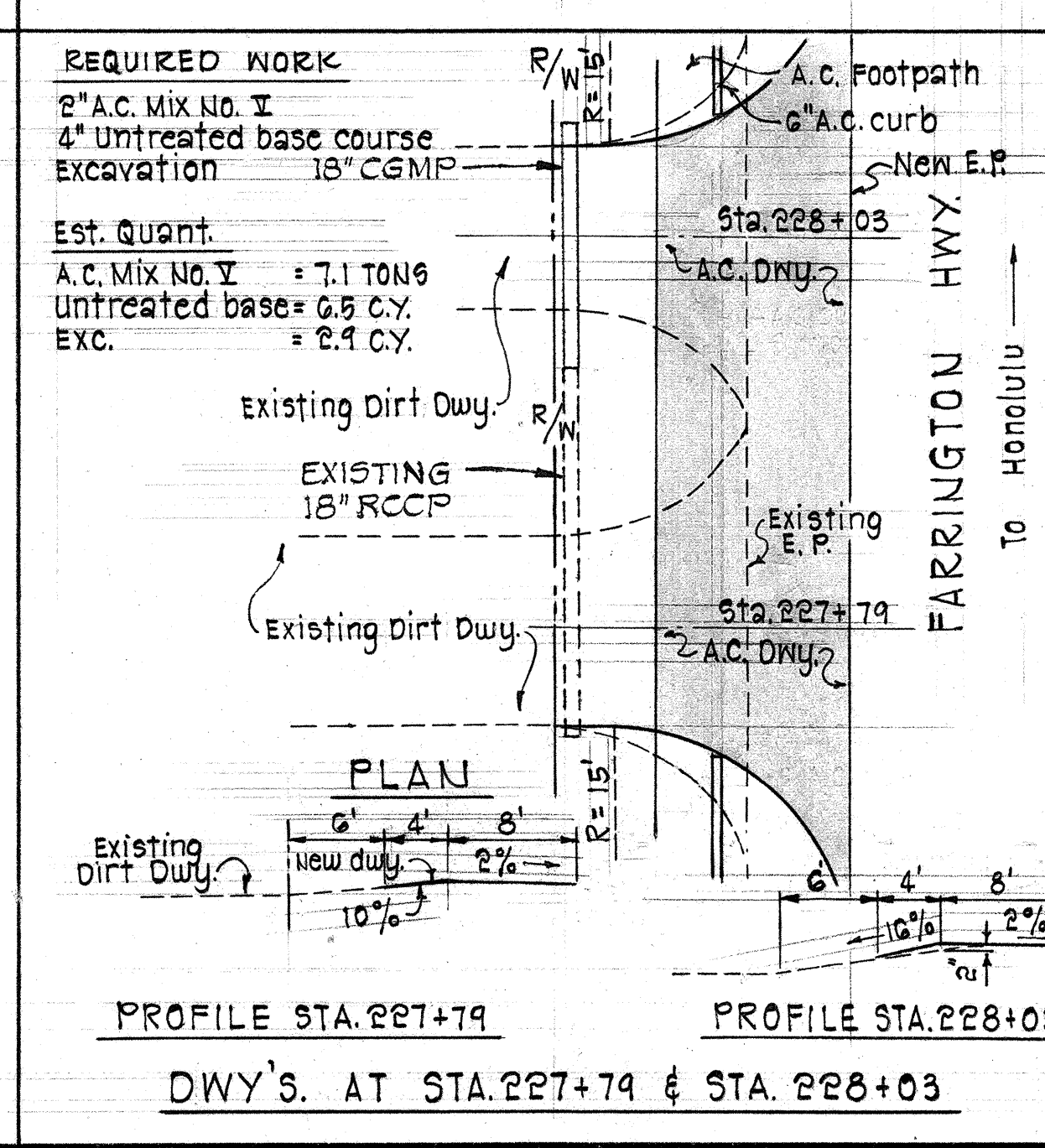
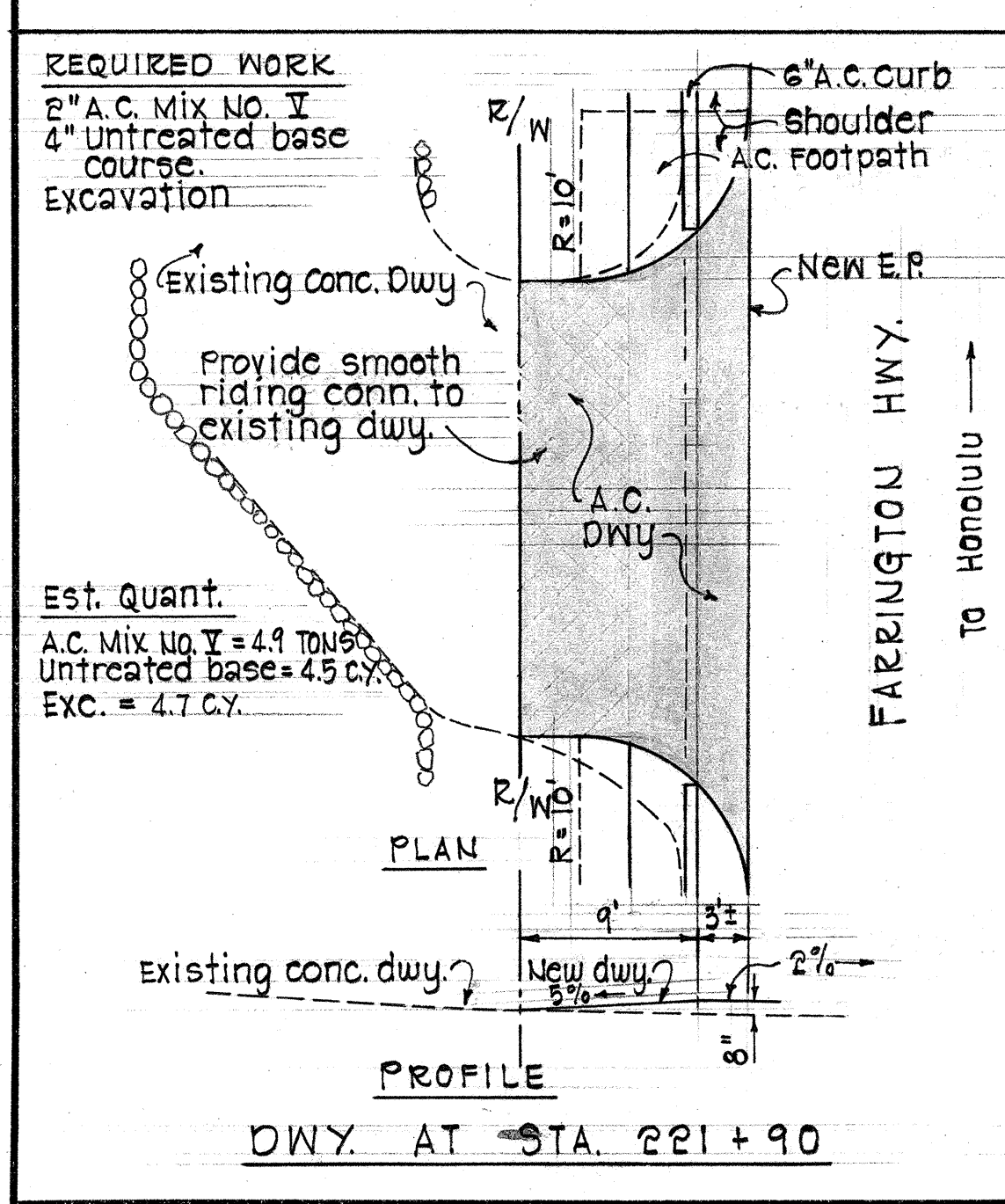
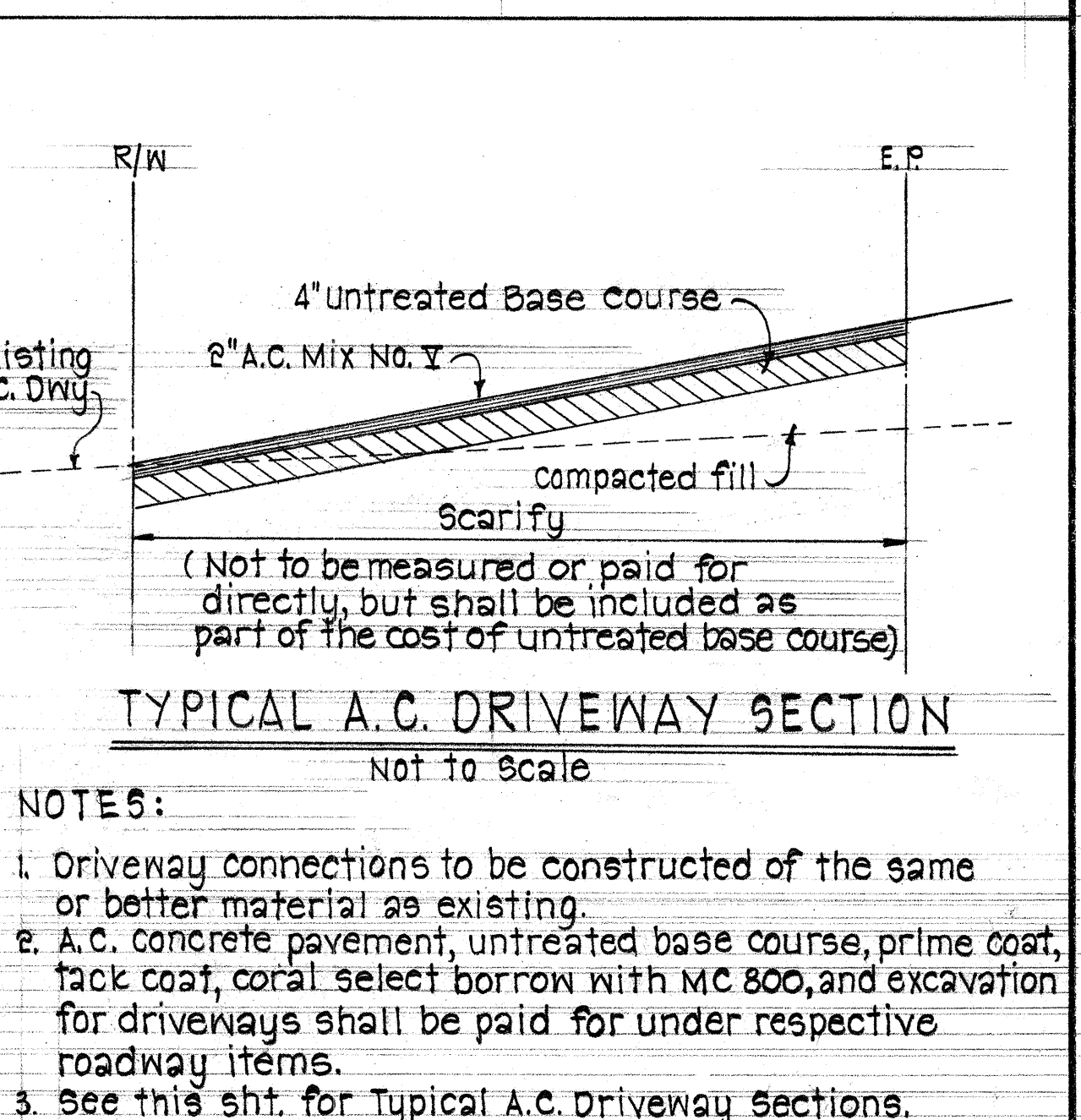
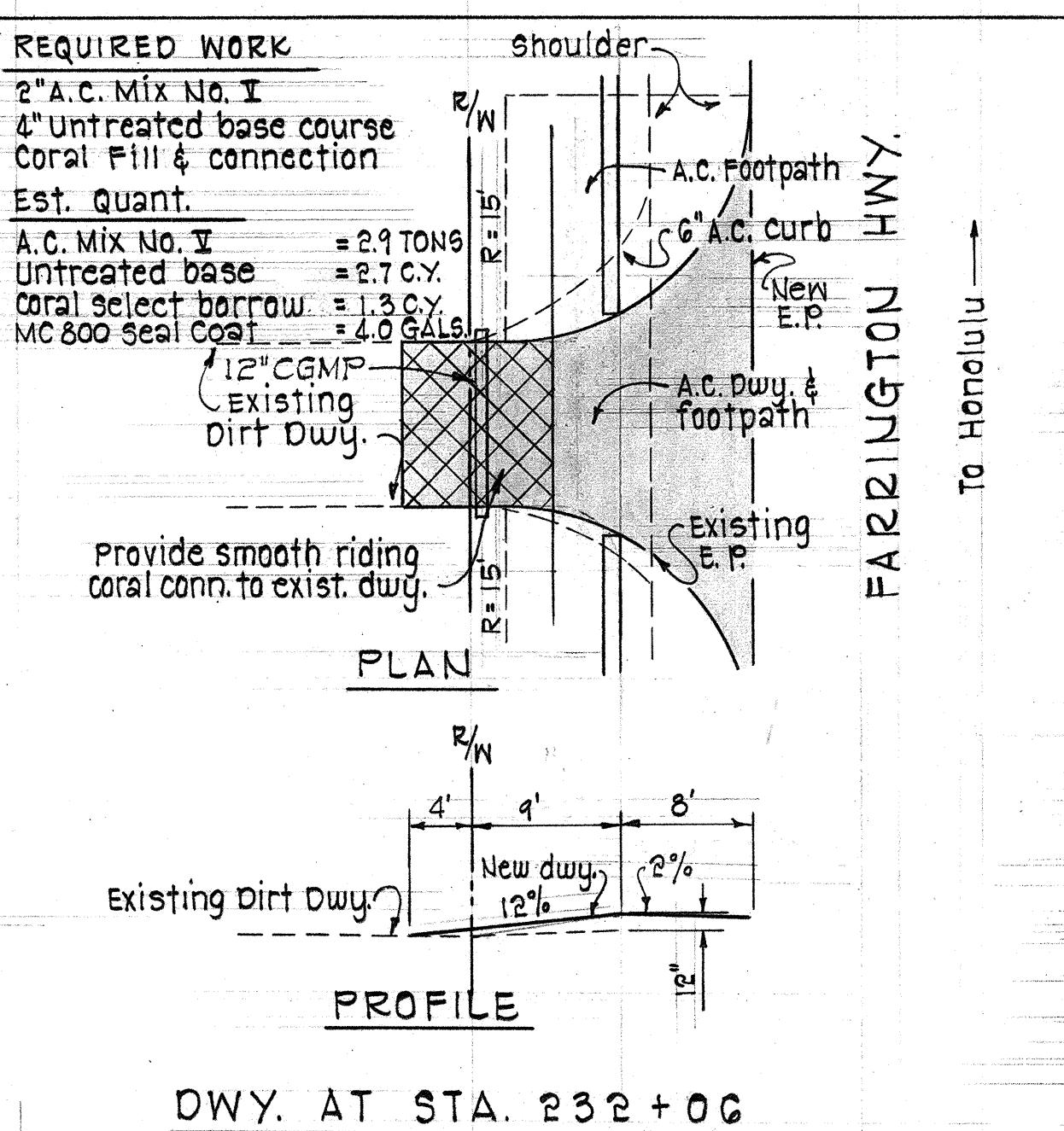
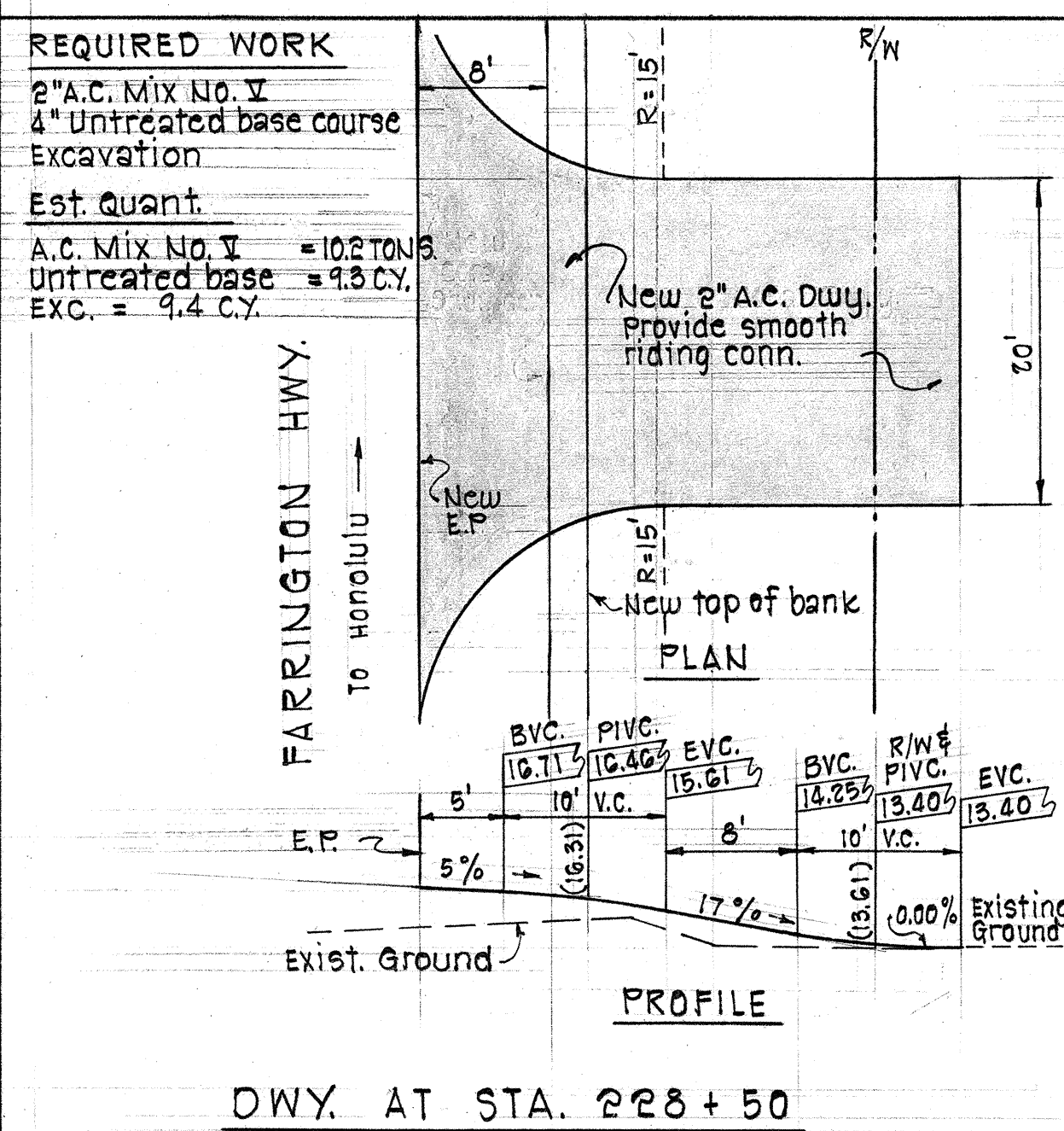
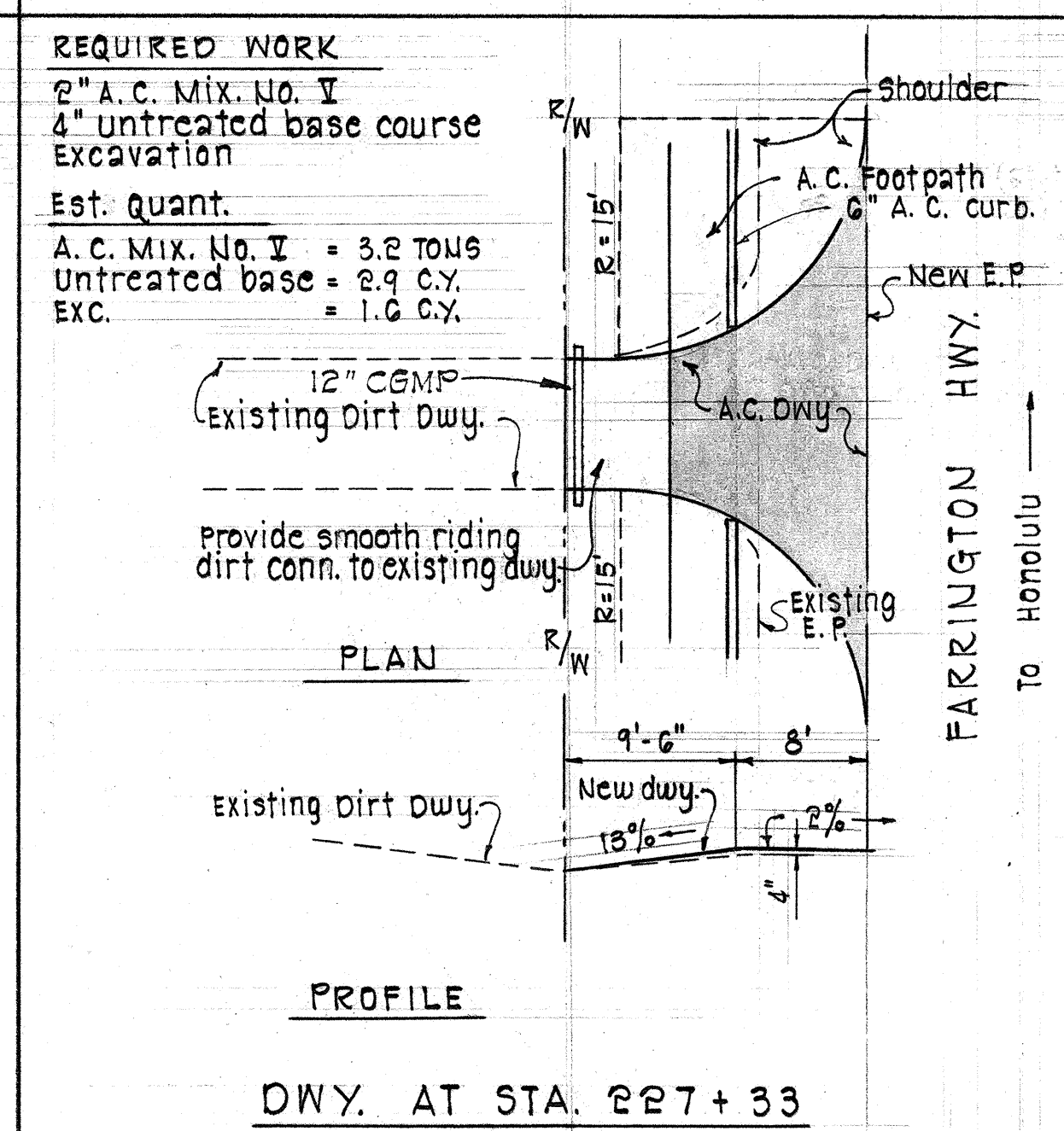
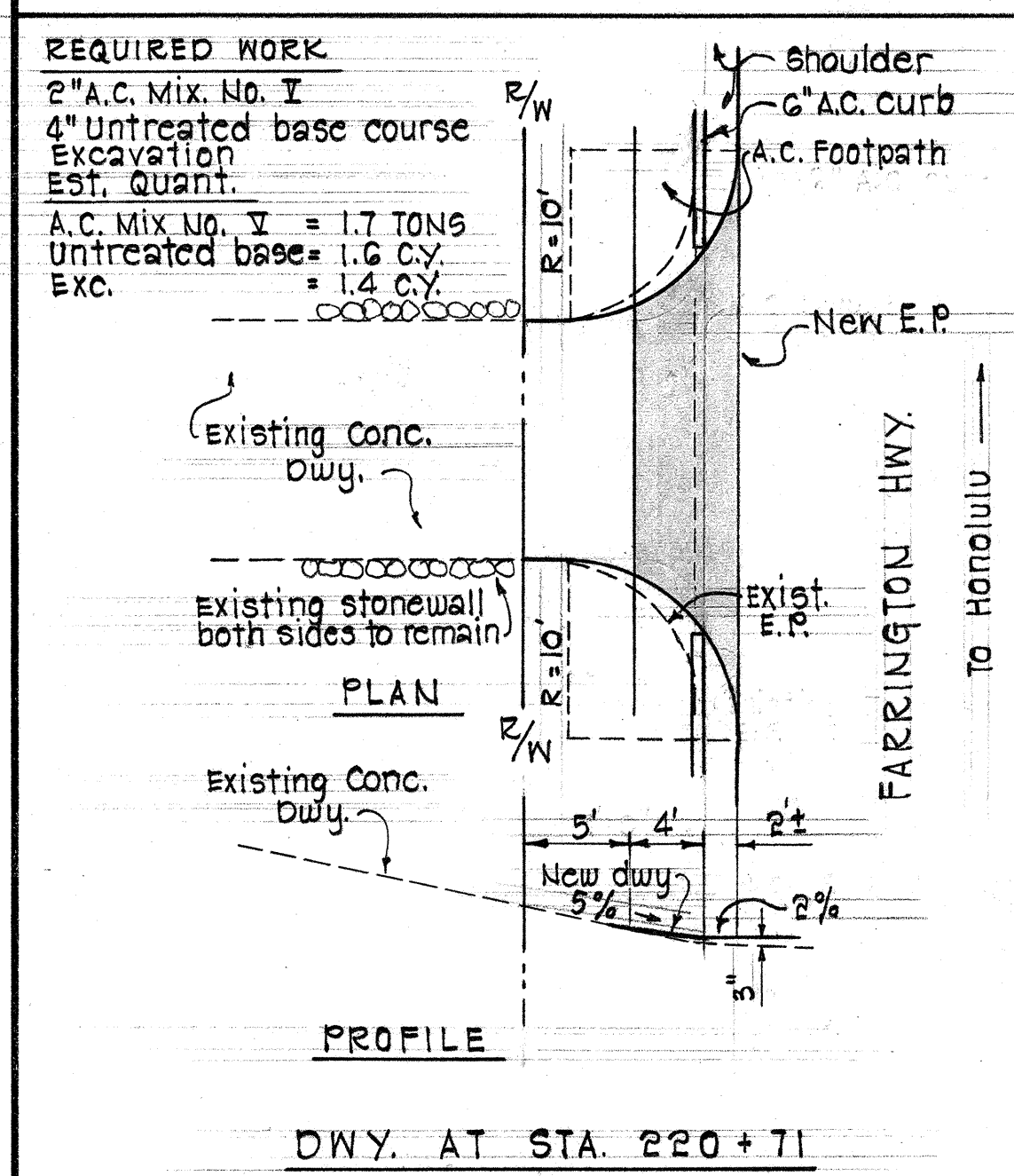
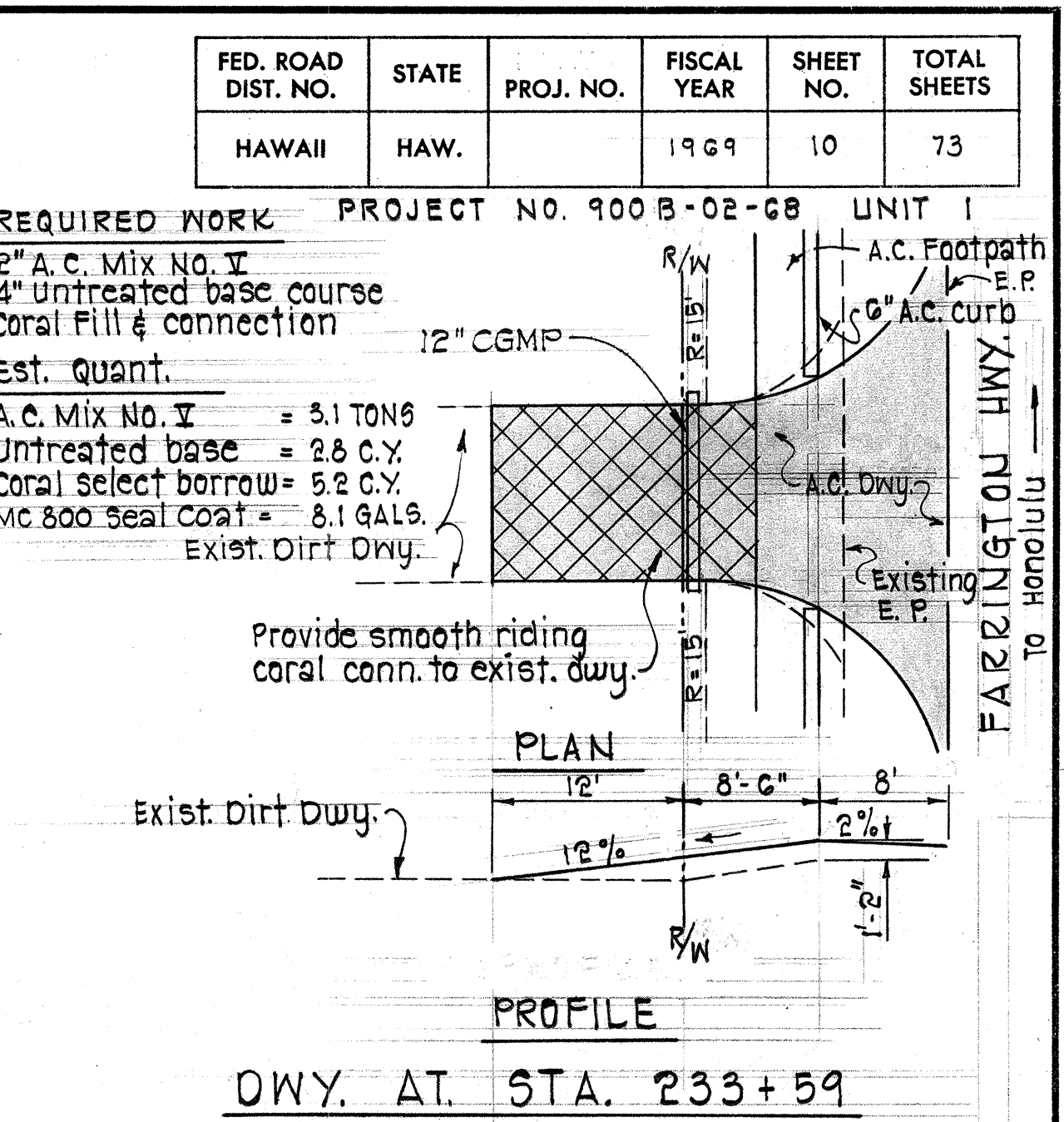
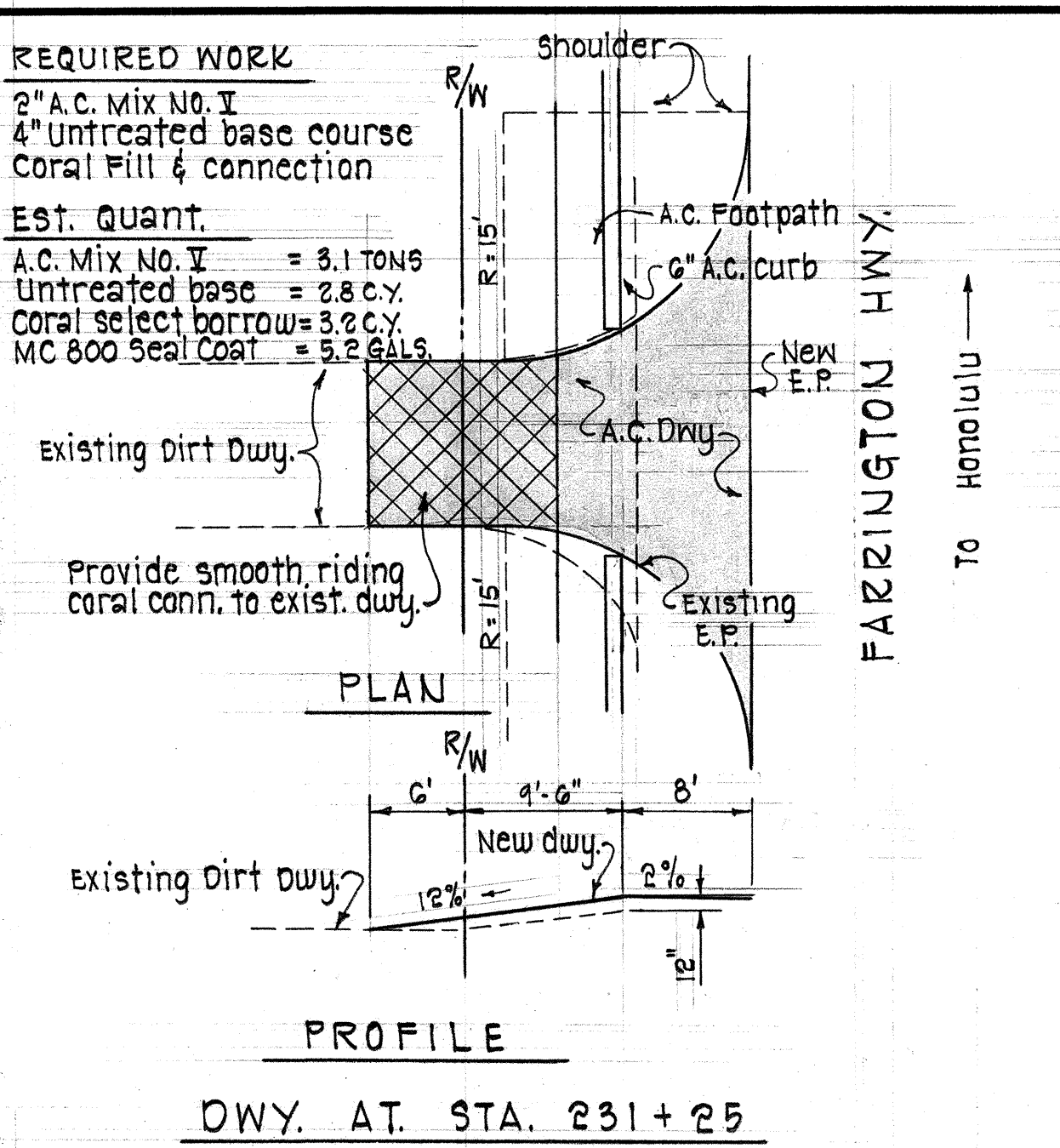
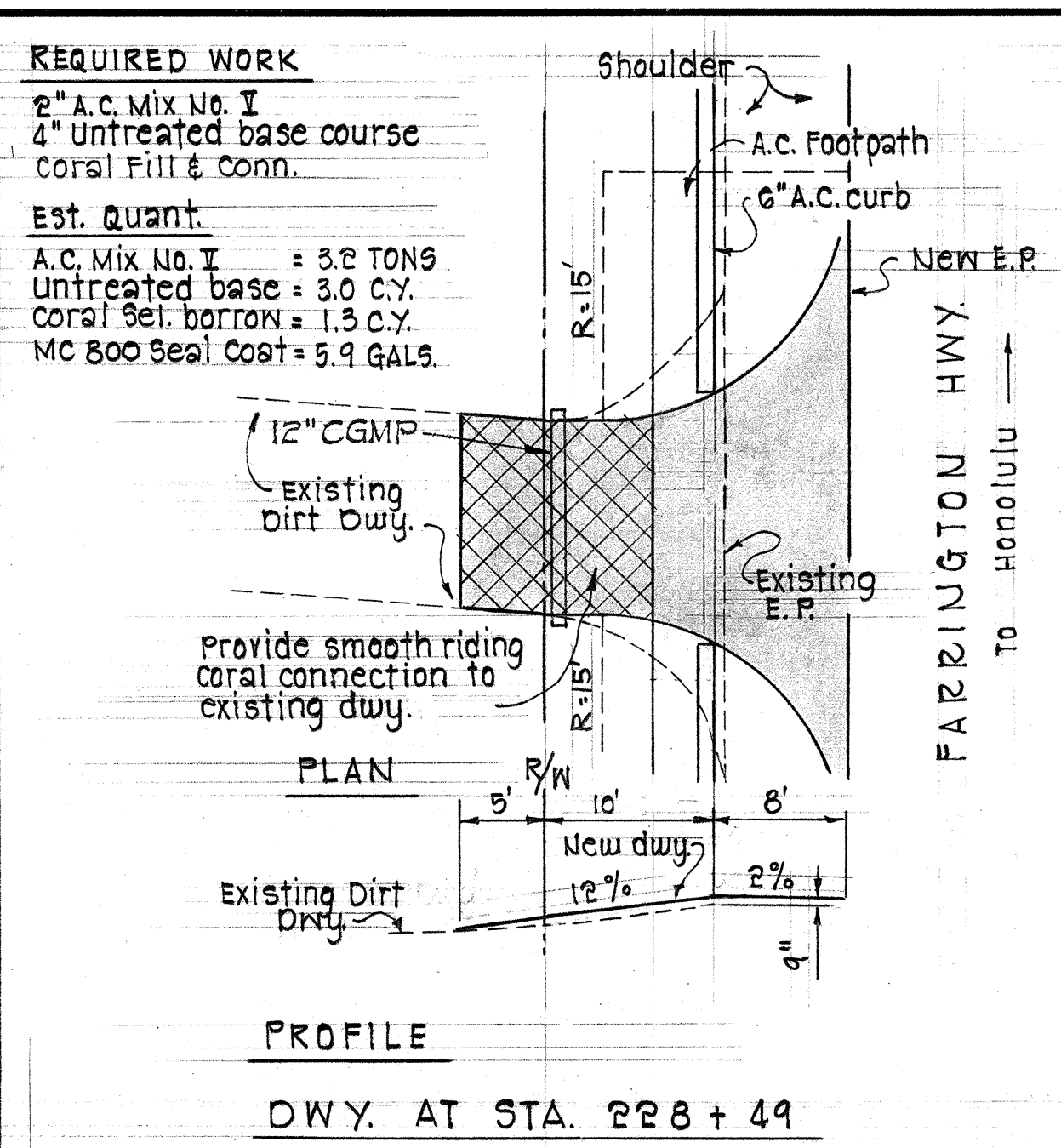
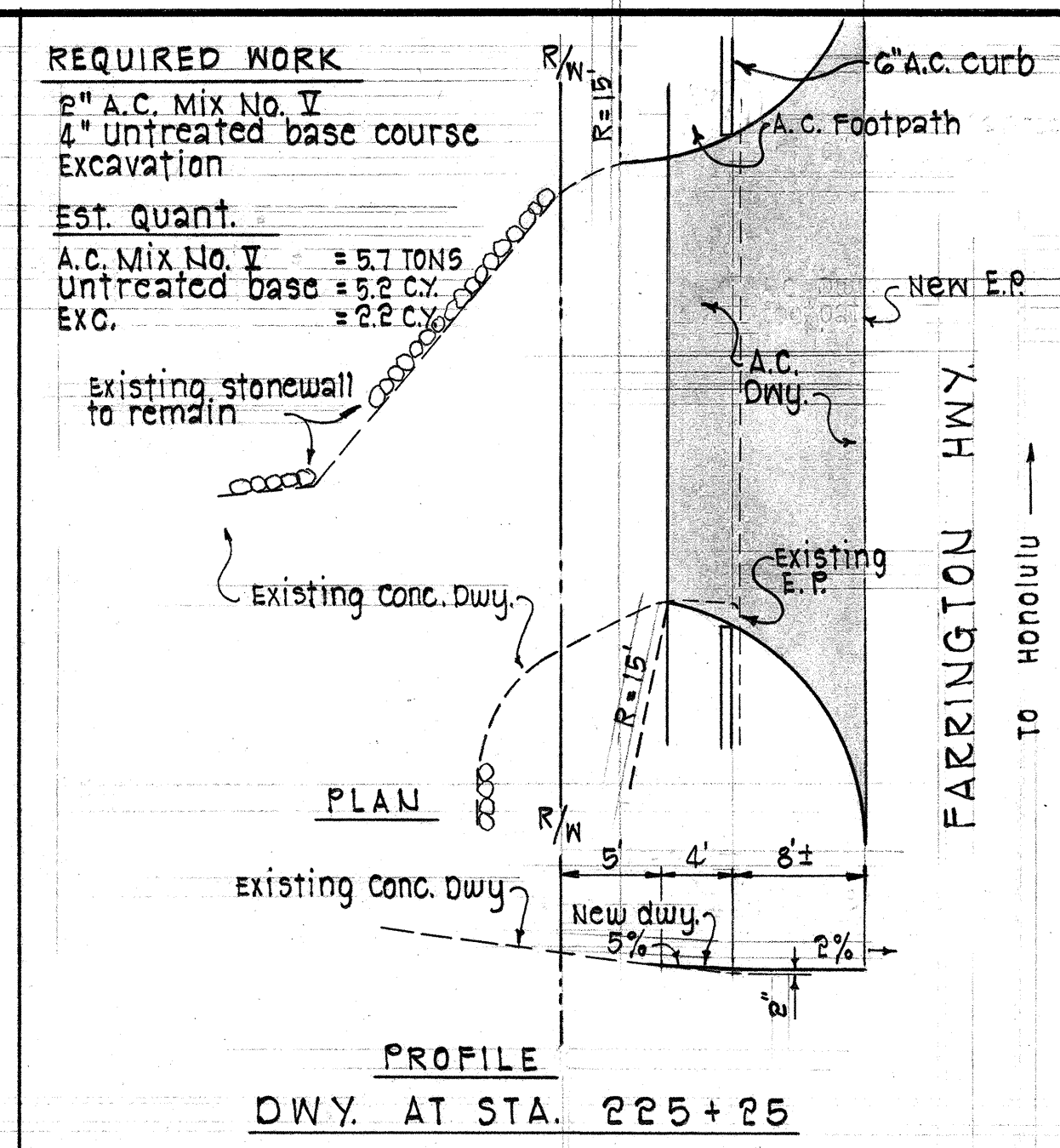
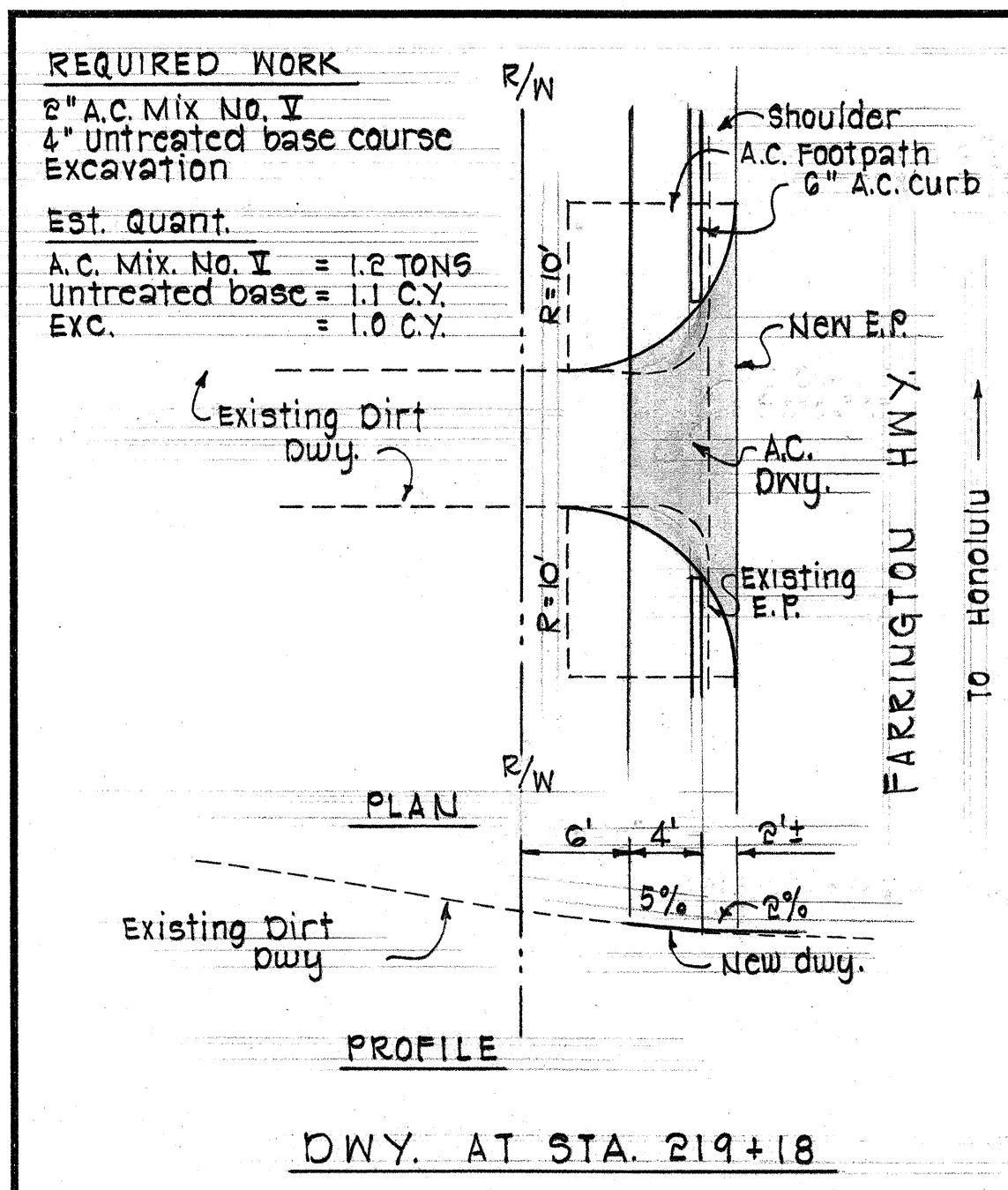




STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

DRIVEWAY DETAILS

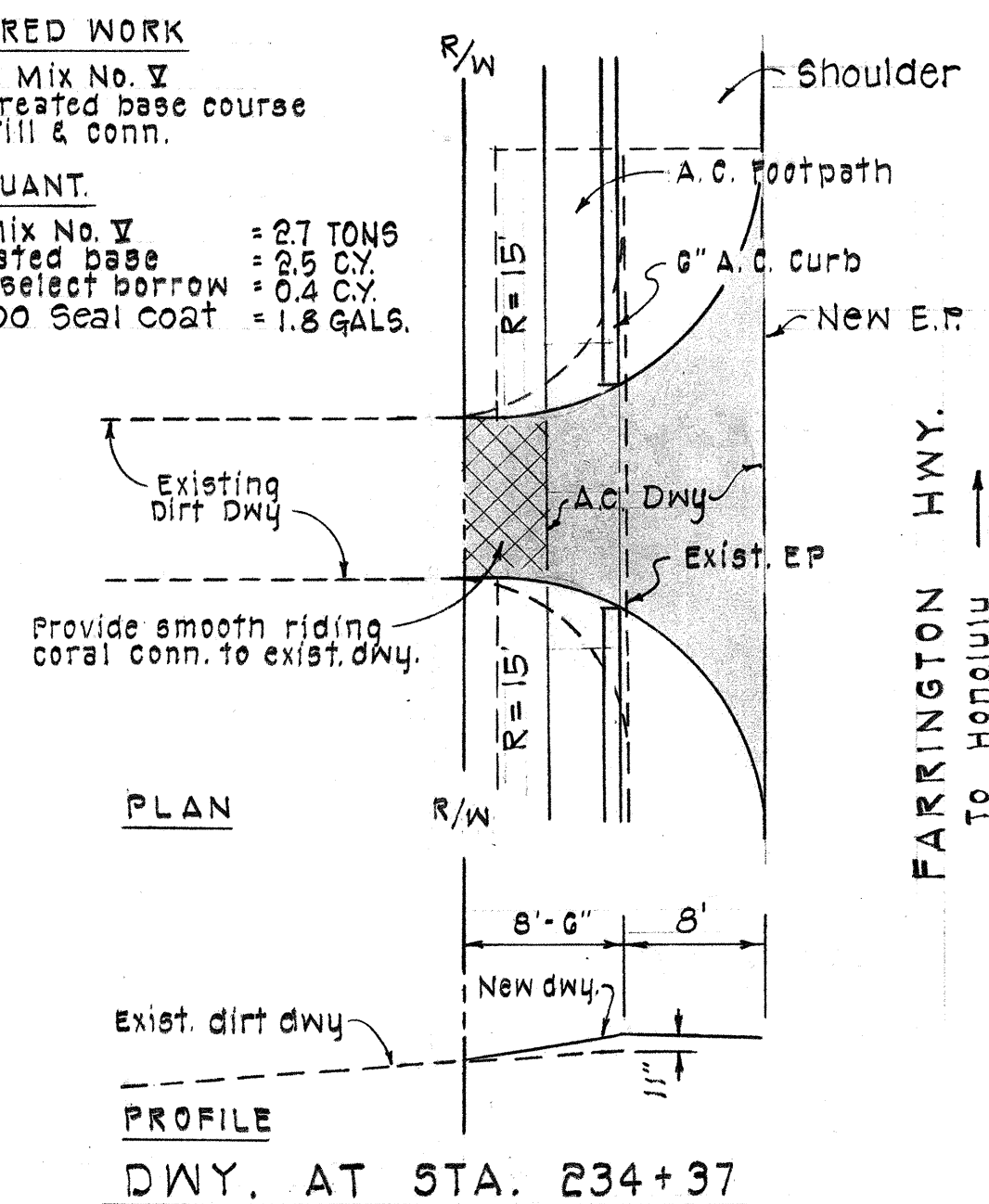
FARRINGTON HIGHWAY WIDENING
 PROJECT 900 B-02-68
 UNIT 1

SCALE: 1" = 10'

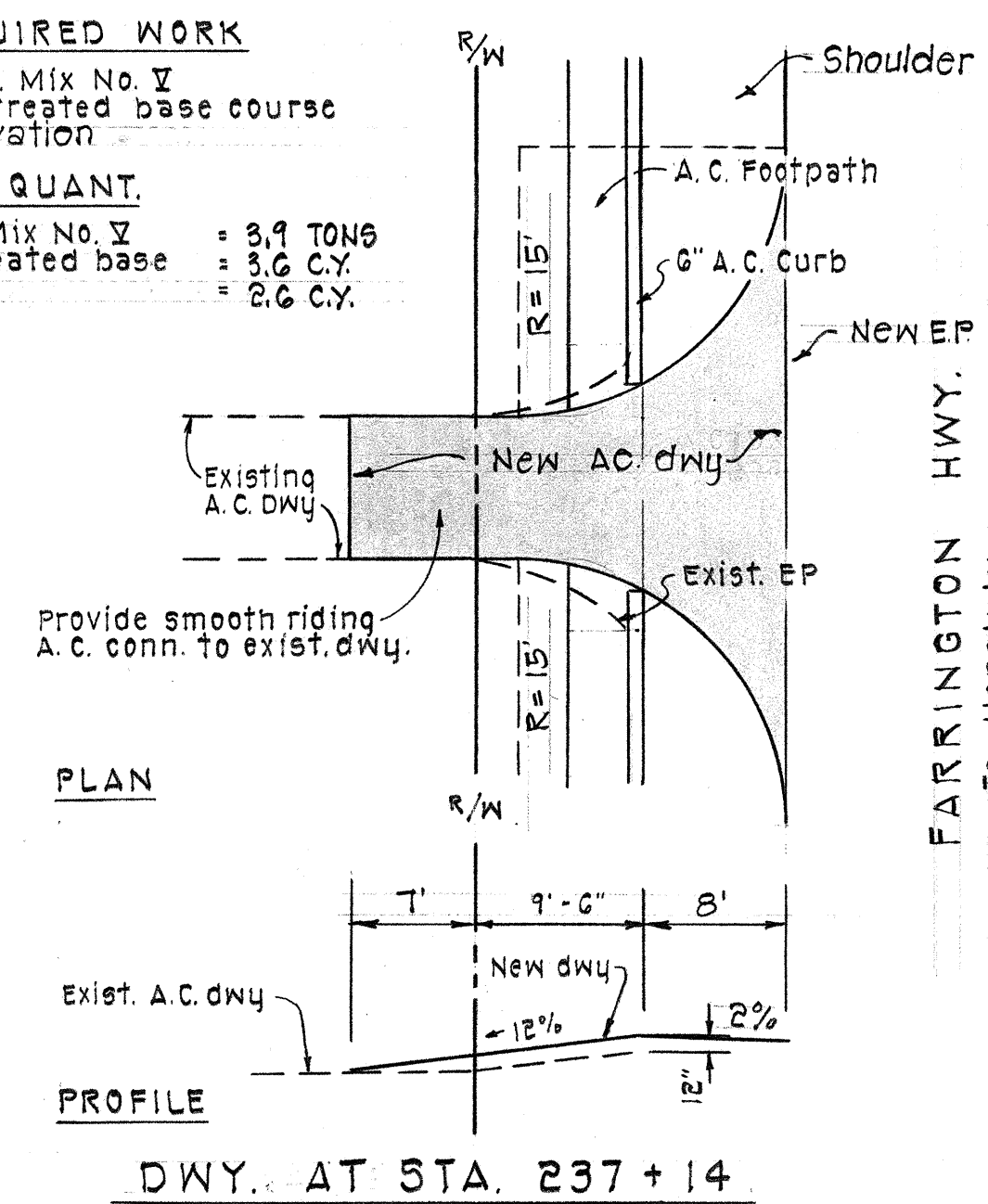
SHEET No. 1 OF 3 SHEETS

10

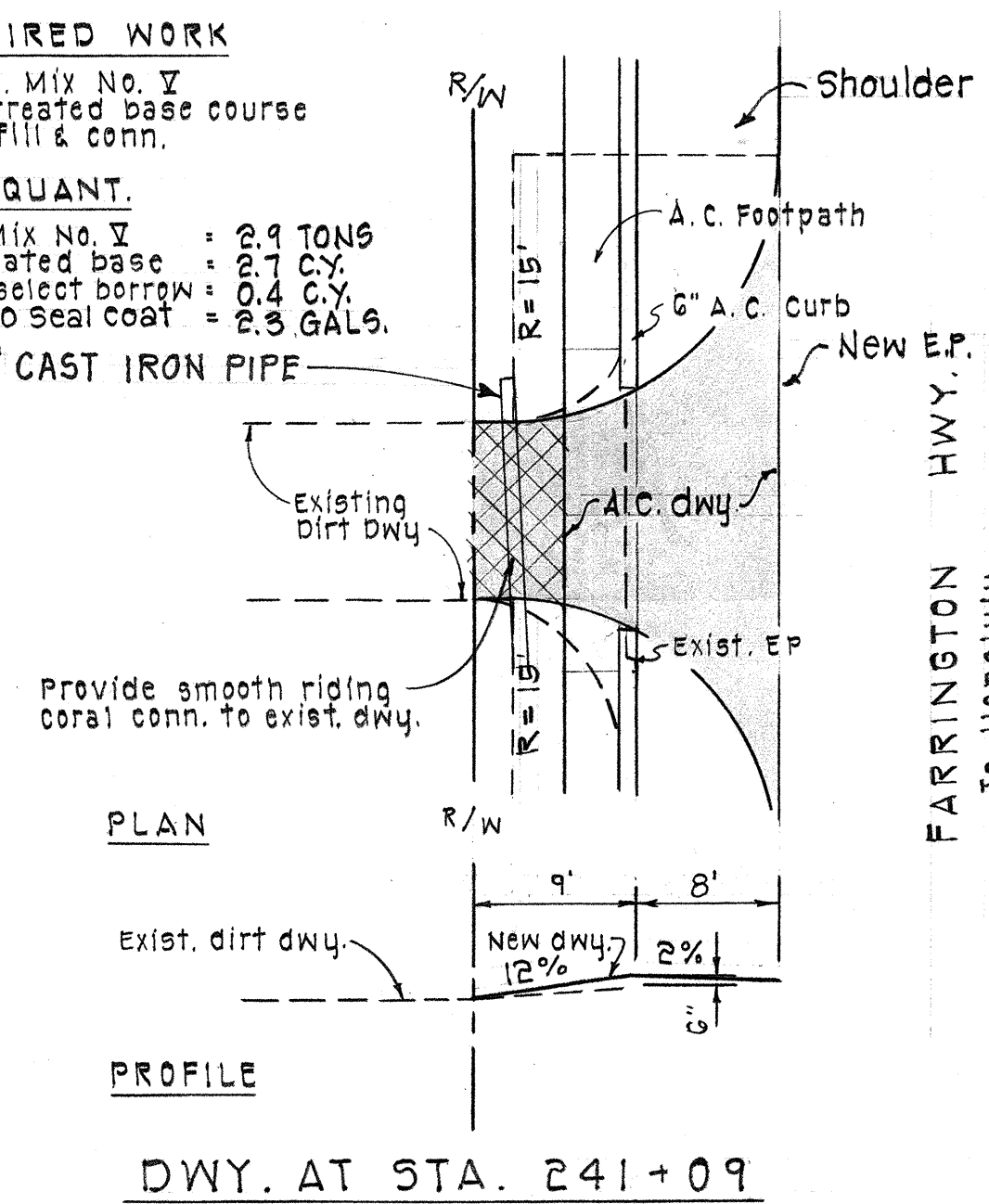
REQUIRED WORK
 2" A.C. Mix No. V
 4" Untreated base course
 Coral fill & conn.
EST. QUANT.
 A.C. Mix No. V = 2.7 TONS
 Untreated base = 2.5 C.Y.
 Coral select borrow = 0.4 C.Y.
 MC 800 Seal Coat = 1.8 GALS.



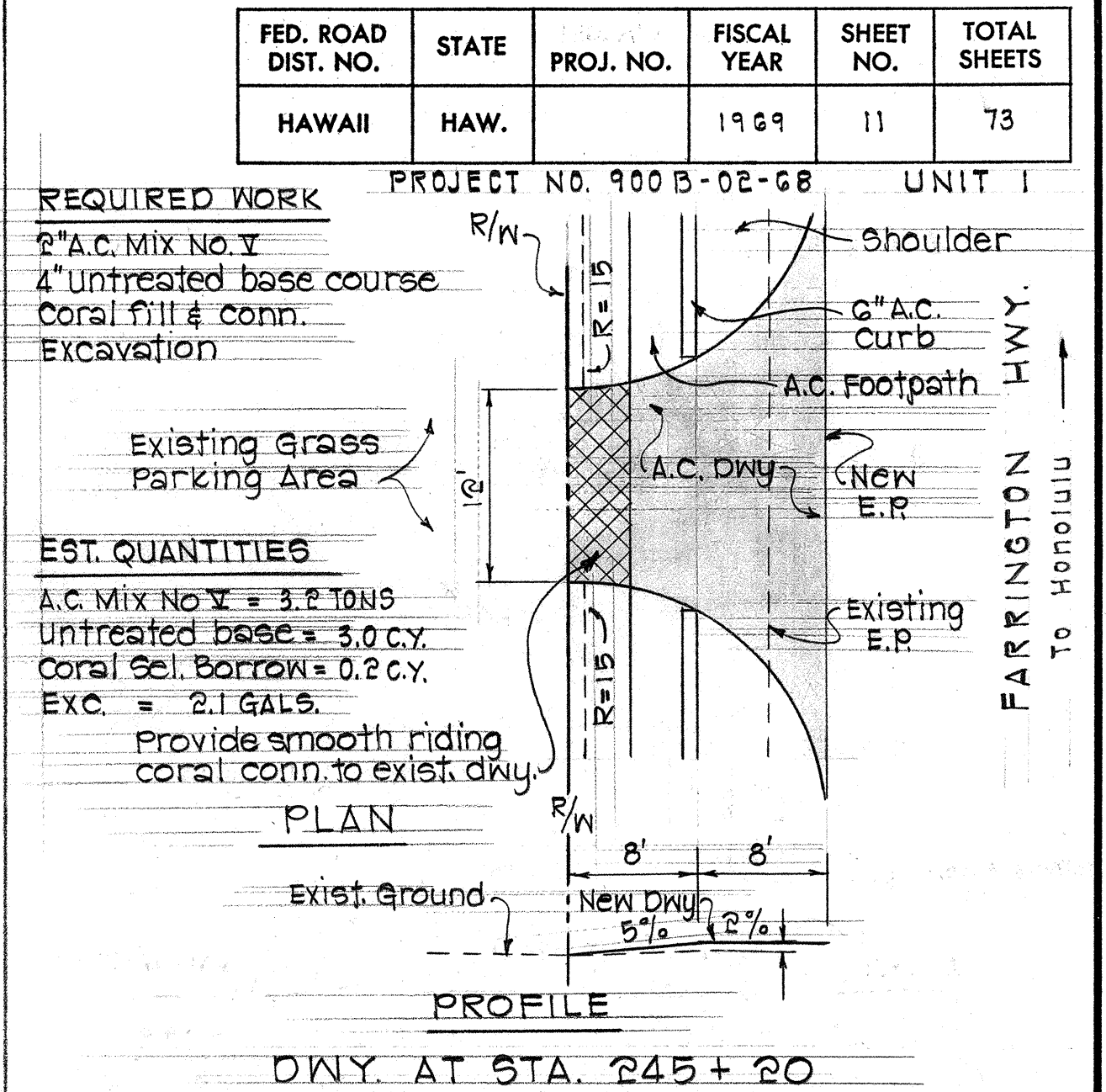
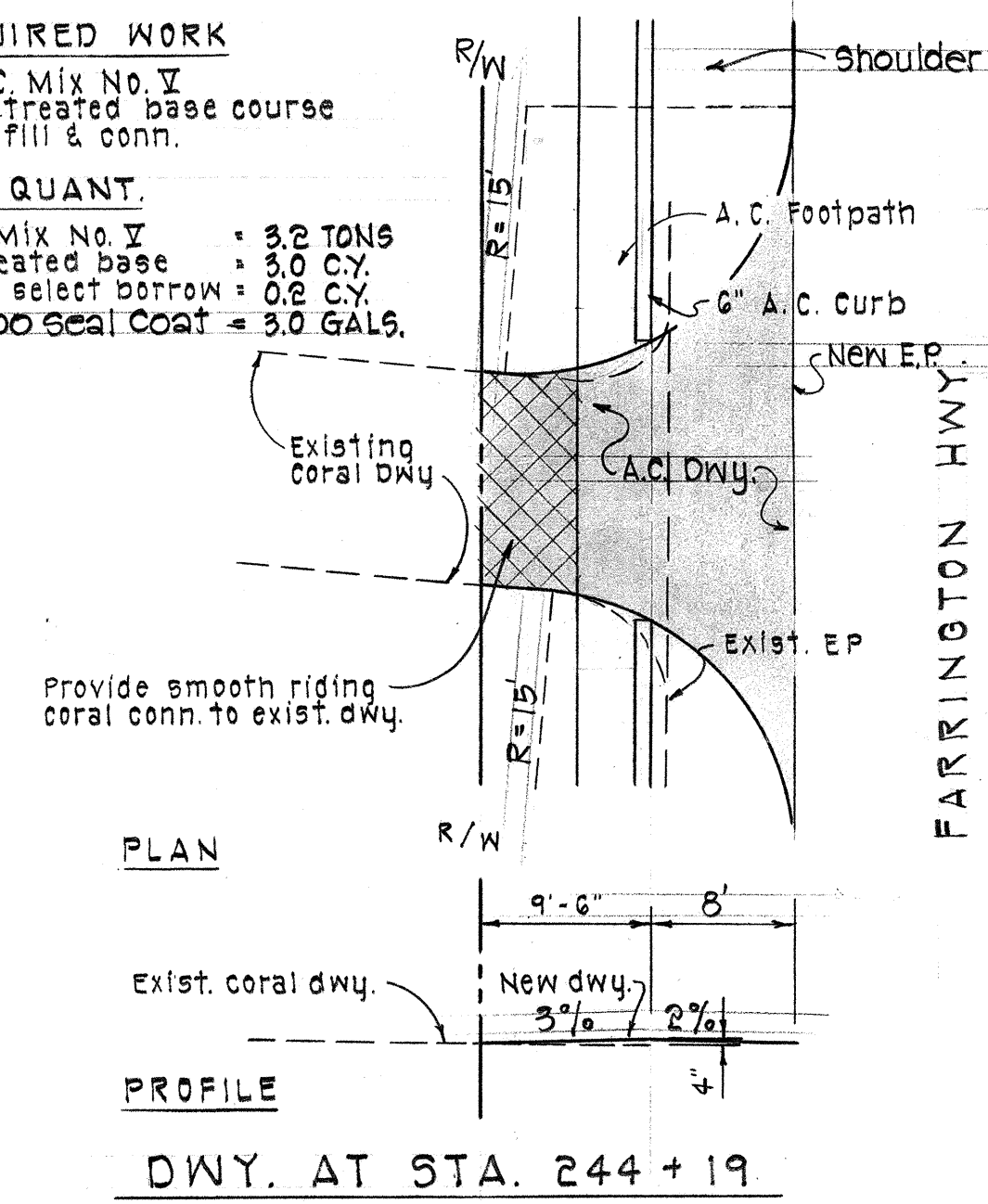
REQUIRED WORK
 2" A.C. Mix No. V
 4" Untreated base course
 Excavation
EST. QUANT.
 A.C. Mix No. V = 3.9 TONS
 Untreated base = 3.6 C.Y.
 EXC. = 2.6 C.Y.



REQUIRED WORK
 2" A.C. Mix No. V
 4" Untreated base course
 Coral fill & conn.
EST. QUANT.
 A.C. Mix No. V = 2.9 TONS
 Untreated base = 2.7 C.Y.
 Coral select borrow = 0.4 C.Y.
 MC 800 Seal Coat = 2.3 GALS.
 8" CAST IRON PIPE



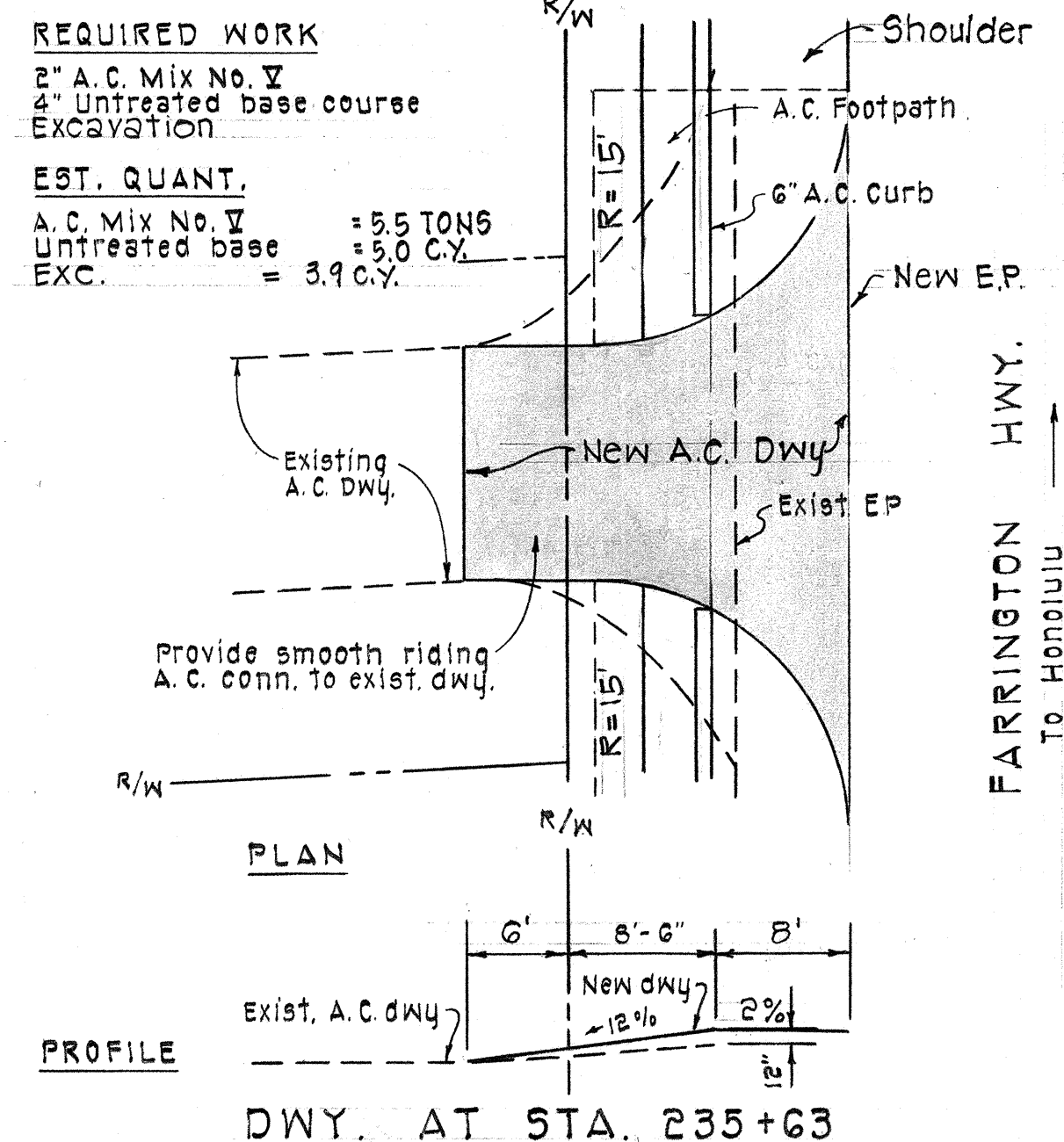
REQUIRED WORK
 2" A.C. Mix No. V
 4" Untreated base course
 Coral fill & conn.
EST. QUANT.
 A.C. Mix No. V = 3.2 TONS
 Untreated base = 3.0 C.Y.
 Coral select borrow = 0.2 C.Y.
 MC 800 Seal Coat = 3.0 GALS.



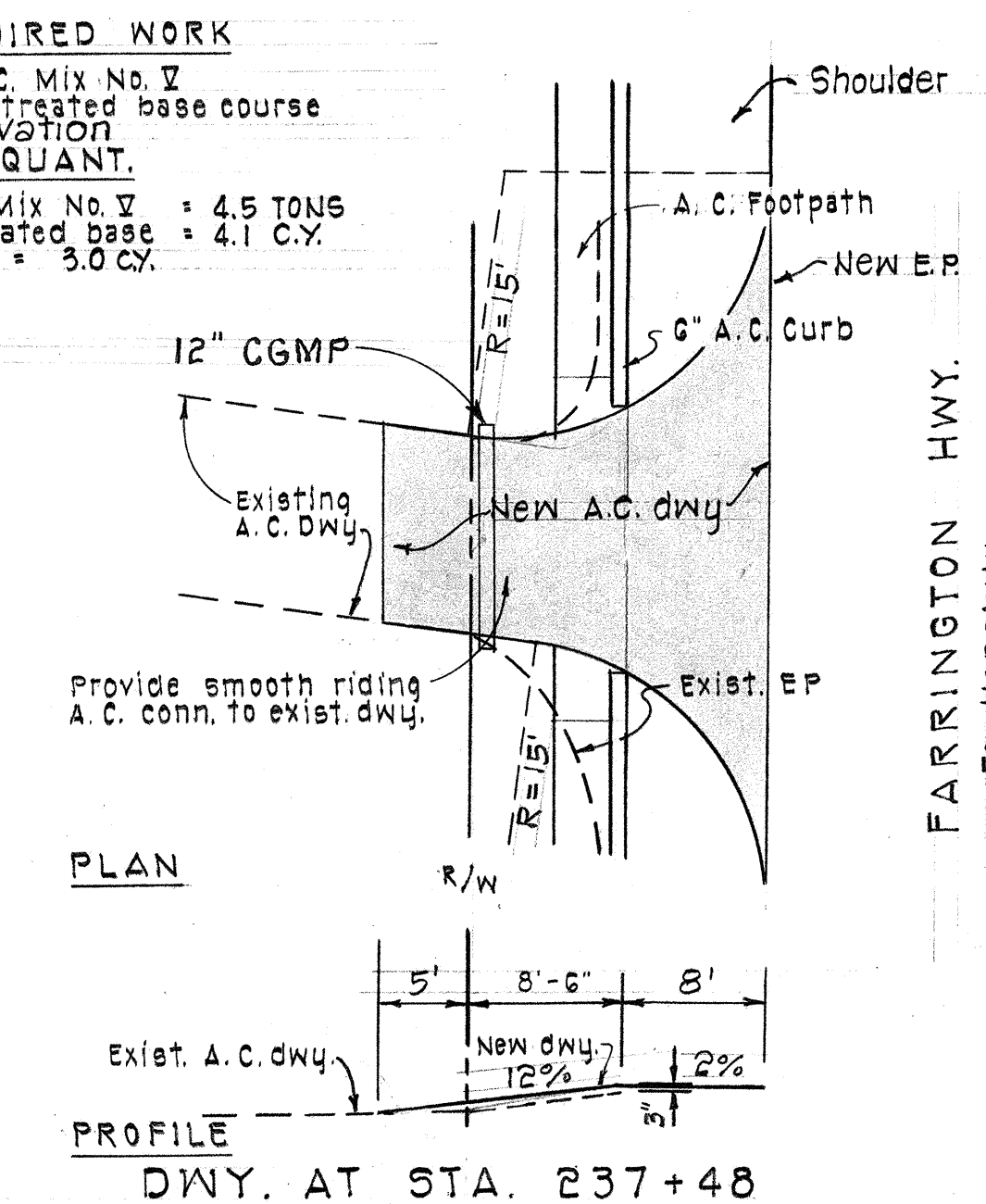
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.		1969	11	73

REQUIRED WORK
 2" A.C. Mix No. V
 4" Untreated base course
 Coral fill & conn.
 Excavation
EST. QUANTITIES
 A.C. Mix No. V = 3.2 TONS
 Untreated base = 3.0 C.Y.
 Coral Sel. Borrow = 0.2 C.Y.
 EXC. = 2.1 GALS.
 Provide smooth riding coral conn. to exist. dwy.

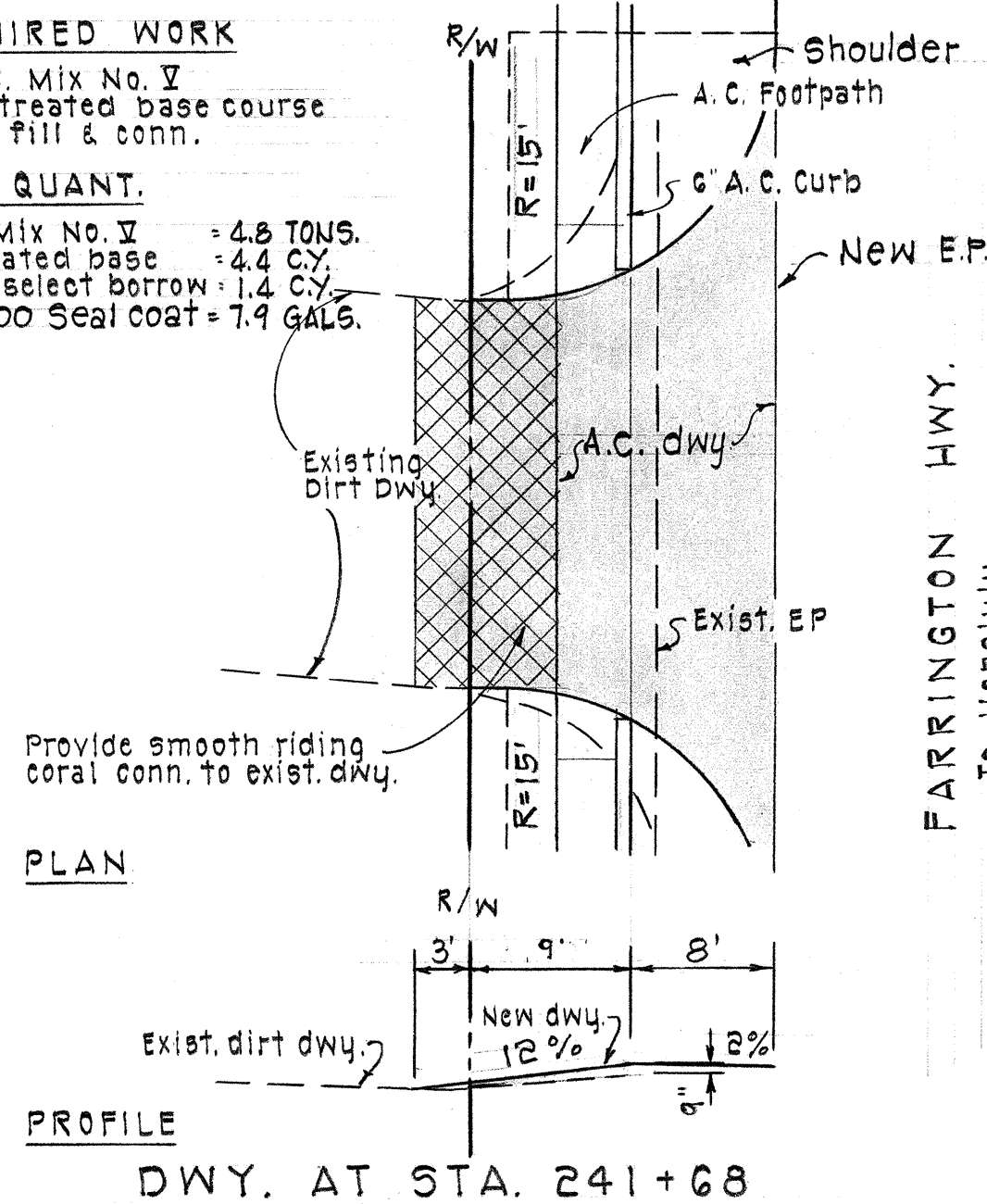
REQUIRED WORK
 2" A.C. Mix No. V
 4" Untreated base course
 Excavation
EST. QUANT.
 A.C. Mix No. V = 5.5 TONS
 Untreated base = 5.0 C.Y.
 EXC. = 3.9 C.Y.



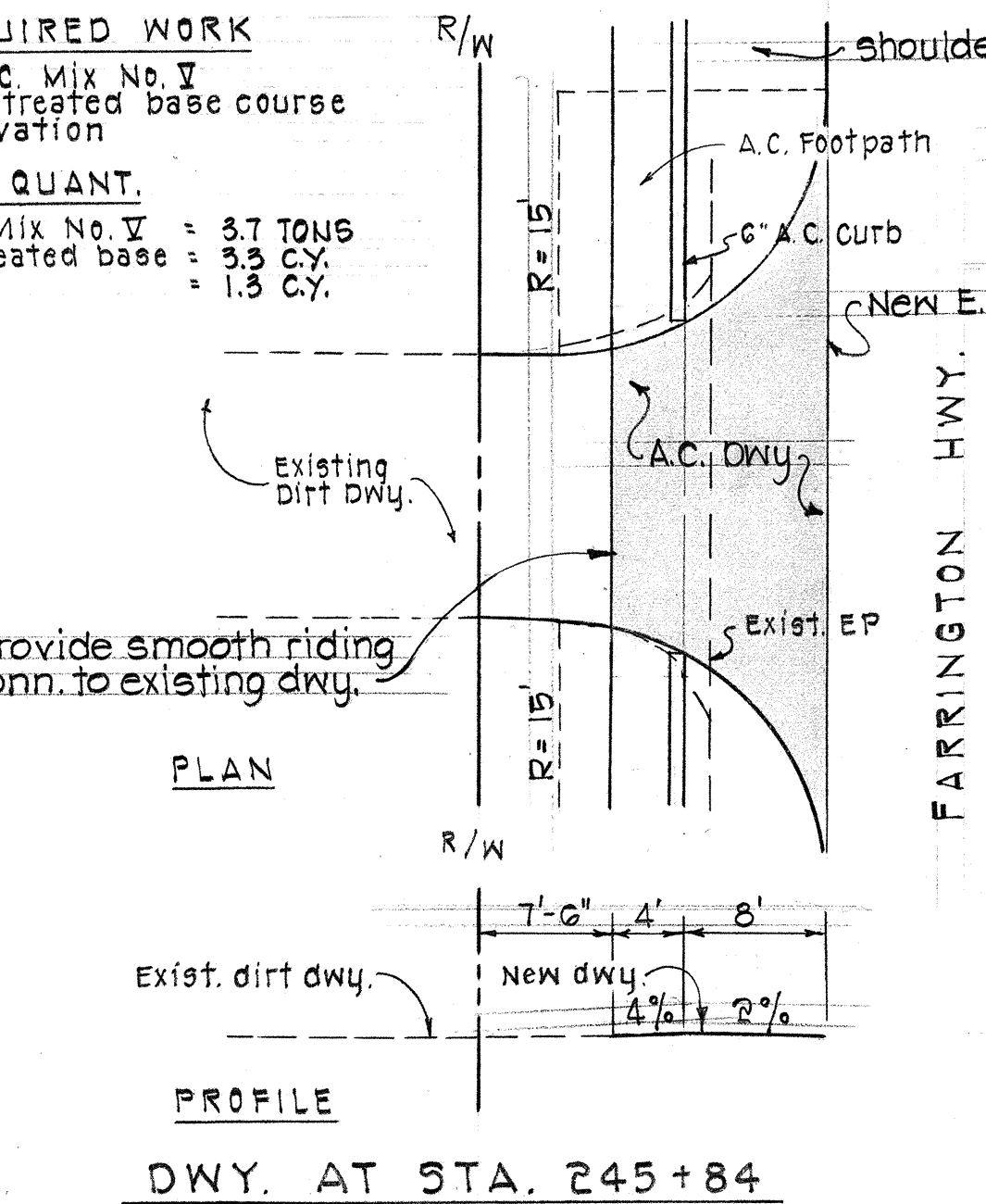
REQUIRED WORK
 2" A.C. Mix No. V
 4" Untreated base course
 Excavation
EST. QUANT.
 A.C. Mix No. V = 4.5 TONS
 Untreated base = 4.1 C.Y.
 EXC. = 3.0 C.Y.



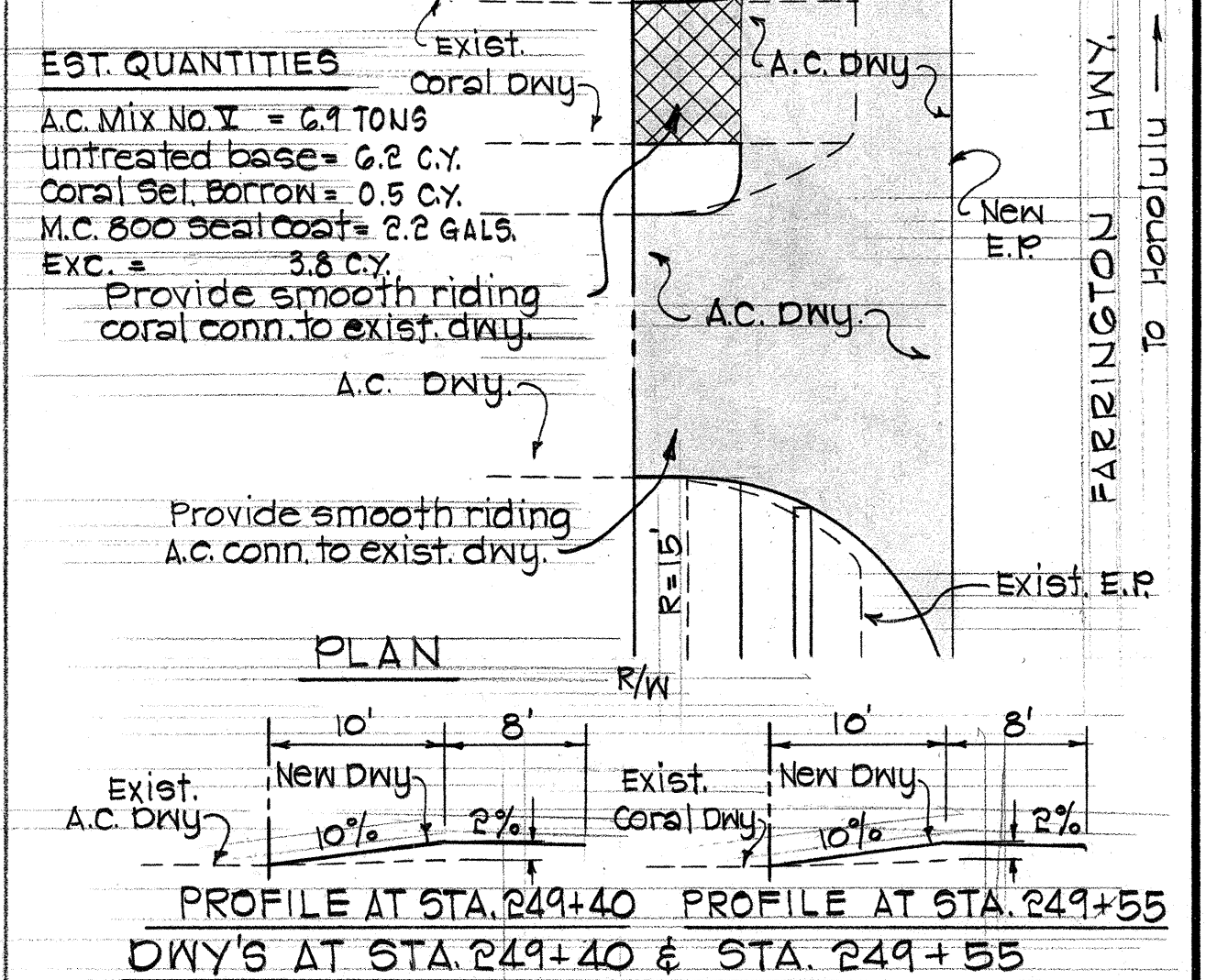
REQUIRED WORK
 2" A.C. Mix No. V
 4" Untreated base course
 Coral fill & conn.
EST. QUANT.
 A.C. Mix No. V = 4.8 TONS
 Untreated base = 4.4 C.Y.
 Coral select borrow = 1.4 C.Y.
 MC 800 Seal Coat = 1.9 GALS.



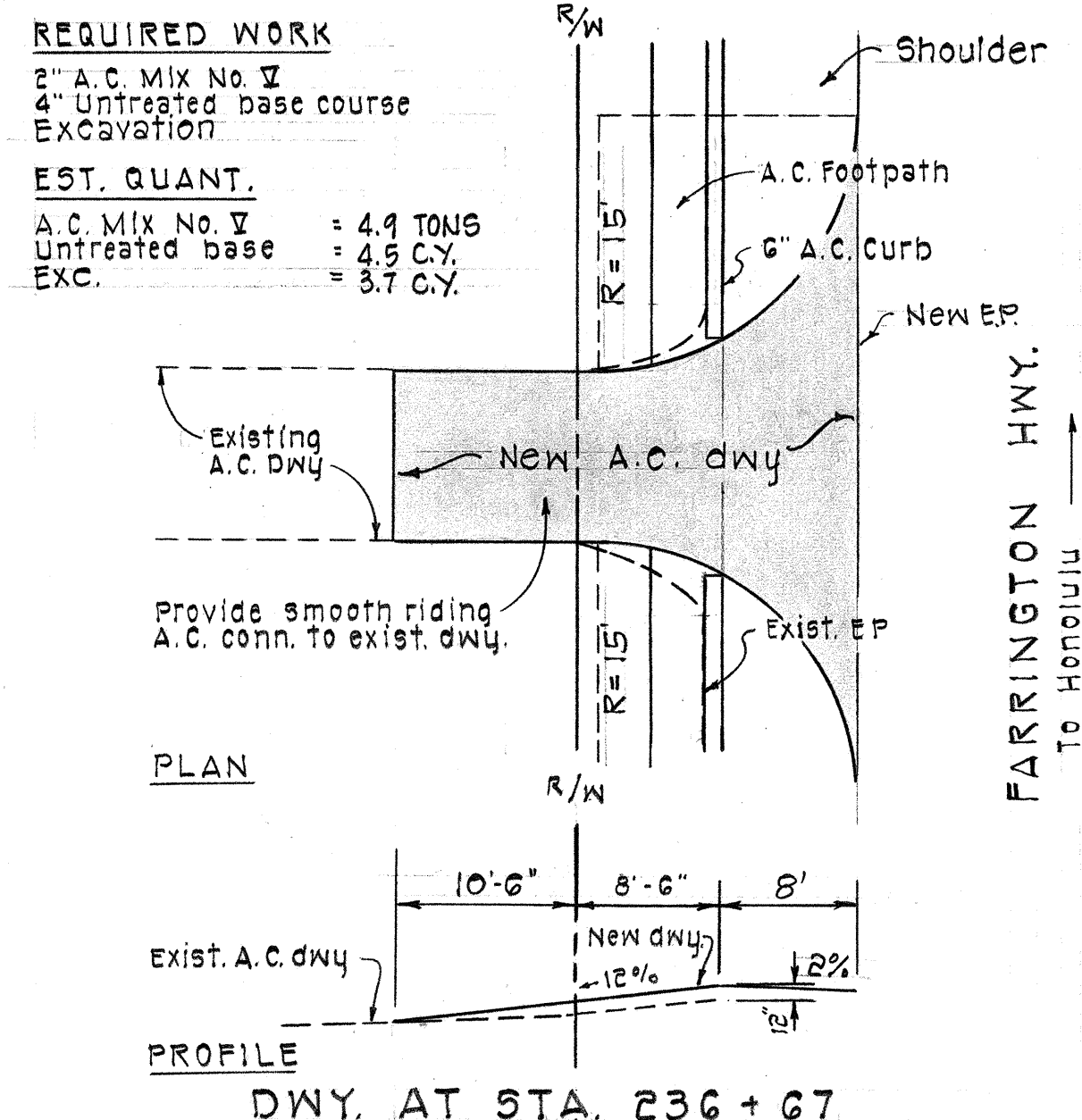
REQUIRED WORK
 2" A.C. Mix No. V
 4" Untreated base course
 Excavation
EST. QUANT.
 A.C. Mix No. V = 3.7 TONS
 Untreated base = 3.3 C.Y.
 EXC. = 1.3 C.Y.



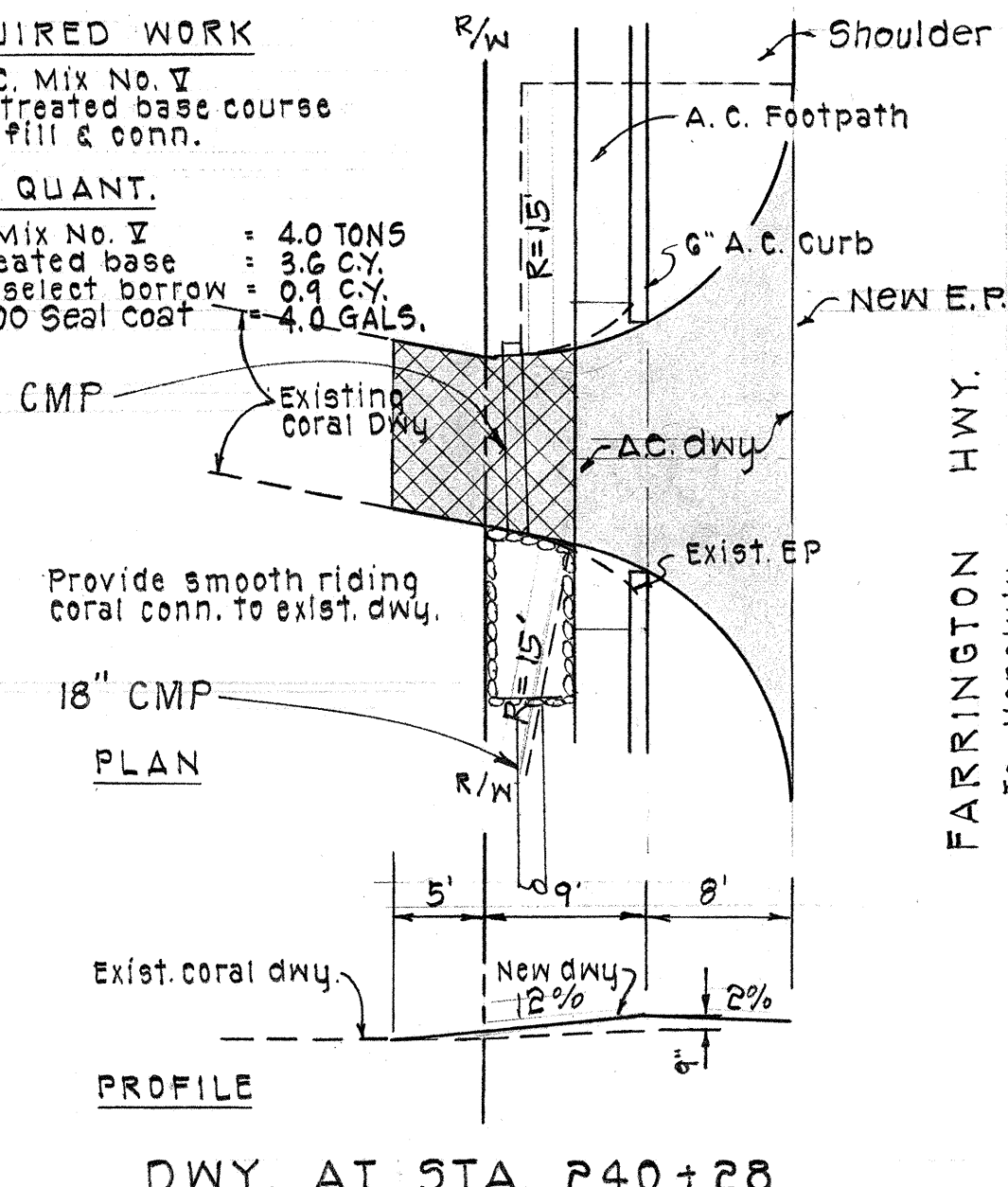
REQUIRED WORK
 2" A.C. Mix No. V
 4" Untreated base course
 Coral fill & conn.
 Excavation
EST. QUANTITIES
 A.C. Mix No. V = 4.9 TONS
 Untreated base = 4.2 C.Y.
 Coral Sel. Borrow = 0.5 C.Y.
 MC 800 Seal Coat = 2.2 GALS.
 EXC. = 3.5 C.Y.
 Provide smooth riding coral conn. to exist. dwy.



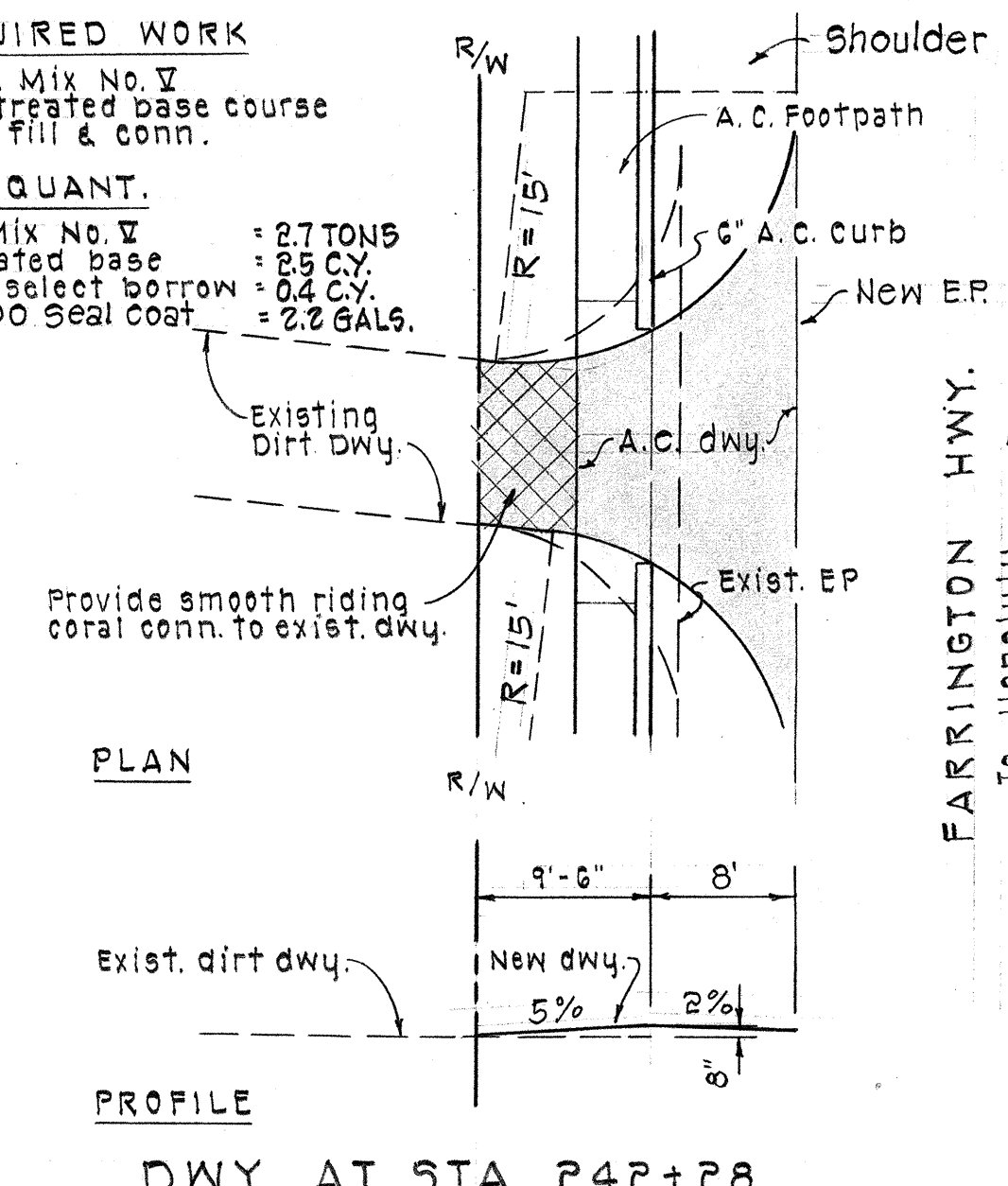
REQUIRED WORK
 2" A.C. Mix No. V
 4" Untreated base course
 Excavation
EST. QUANT.
 A.C. Mix No. V = 4.4 TONS
 Untreated base = 4.3 C.Y.
 EXC. = 3.7 C.Y.



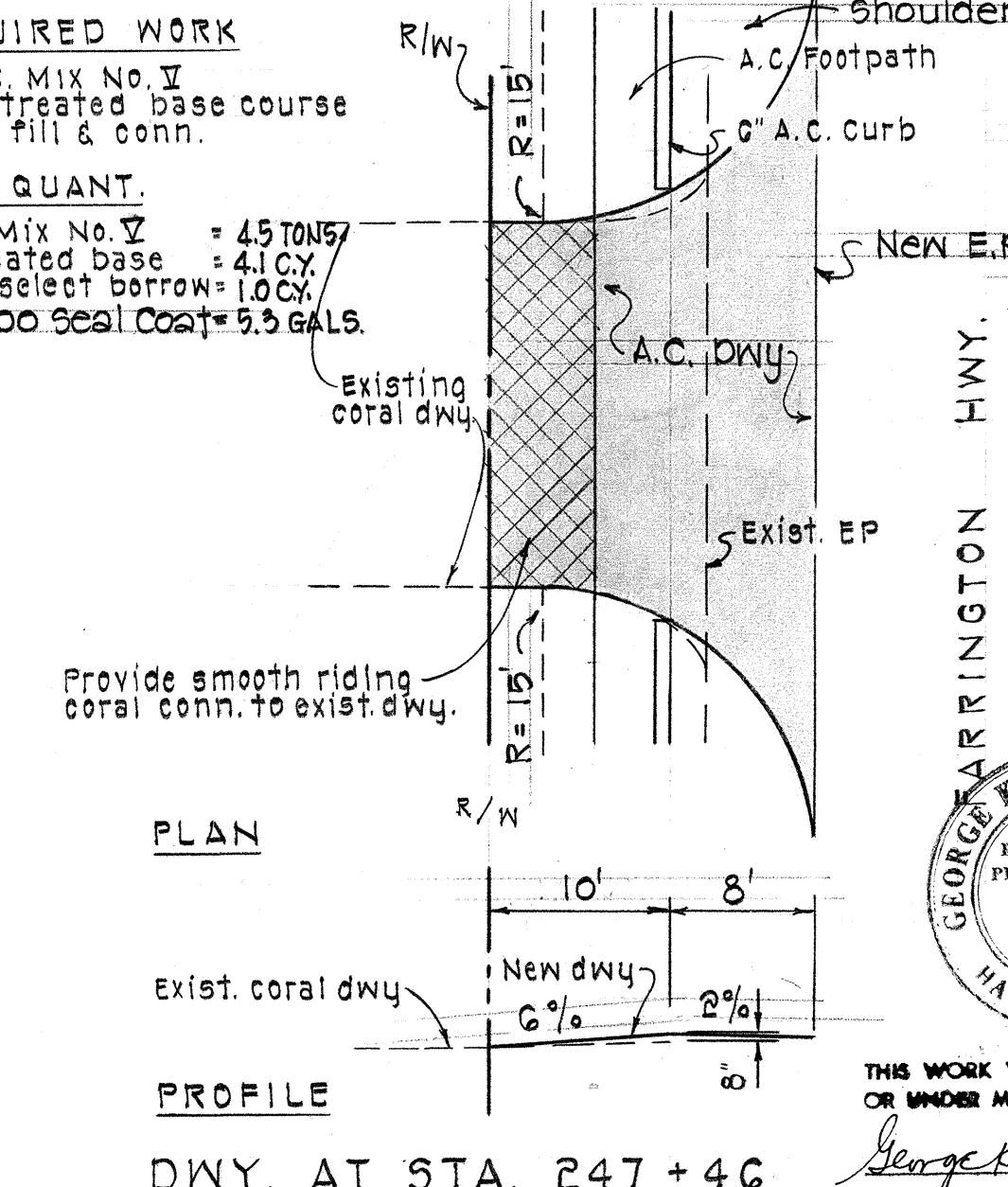
REQUIRED WORK
 2" A.C. Mix No. V
 4" Untreated base course
 Coral fill & conn.
EST. QUANT.
 A.C. Mix No. V = 4.0 TONS
 Untreated base = 3.6 C.Y.
 Coral select borrow = 0.4 C.Y.
 MC 800 Seal Coat = 4.0 GALS.



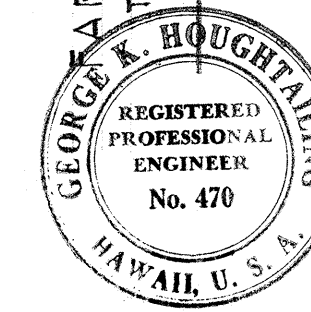
REQUIRED WORK
 2" A.C. Mix No. V
 4" Untreated base course
 Coral fill & conn.
EST. QUANT.
 A.C. Mix No. V = 2.7 TONS
 Untreated base = 2.5 C.Y.
 Coral select borrow = 0.4 C.Y.
 MC 800 Seal Coat = 2.2 GALS.



REQUIRED WORK
 2" A.C. Mix No. V
 4" Untreated base course
 Coral fill & conn.
EST. QUANT.
 A.C. Mix No. V = 4.5 TONS
 Untreated base = 4.1 C.Y.
 Coral select borrow = 1.0 C.Y.
 MC 800 Seal Coat = 5.3 GALS.



- NOTES:**
1. Driveway connections shall be constructed of the same or better material as existing.
 2. A.C. concrete pavement, untreated base course, prime coat, tack coat, coral select borrow with MC 800, and excavation for driveways shall be paid for under respective roadway items.
 3. See sht. 10 for Typical A.C. Driveway Section.
 4. All coral driveways shall have MC 800 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. 12



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
 George K. Houghtaling

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

DRIVEWAY DETAILS

FARRINGTON HIGHWAY WIDENING
 PROJECT 900B-02-G8
 UNIT 1

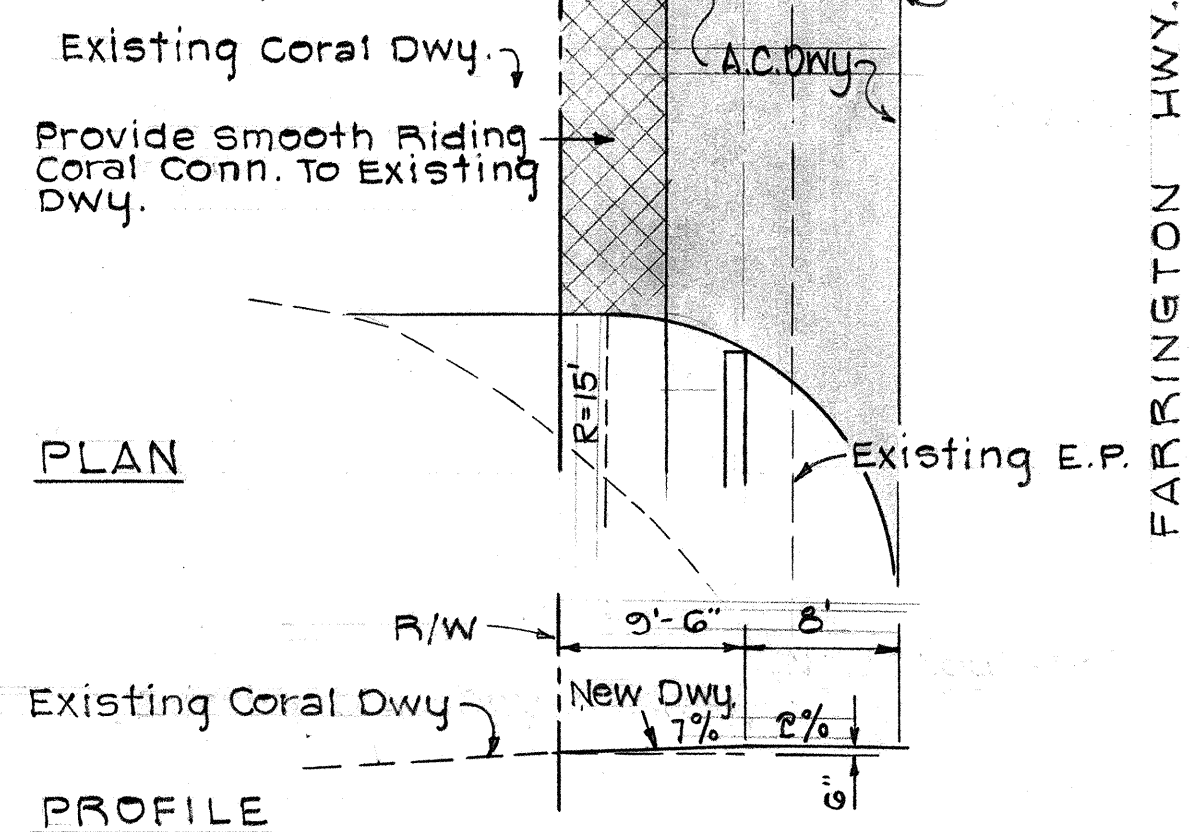
SCALE: 1" = 10'

SHEET No. 2 OF 3 SHEETS

DATE	BY
PLAN	DESIGNED BY
NOTE BOOK	QUANTITIES BY
	CHECKED BY

REQUIRED WORK
2" A.C. Mix No. V
4" Untreated Base Course
Coral Fill & Conn.

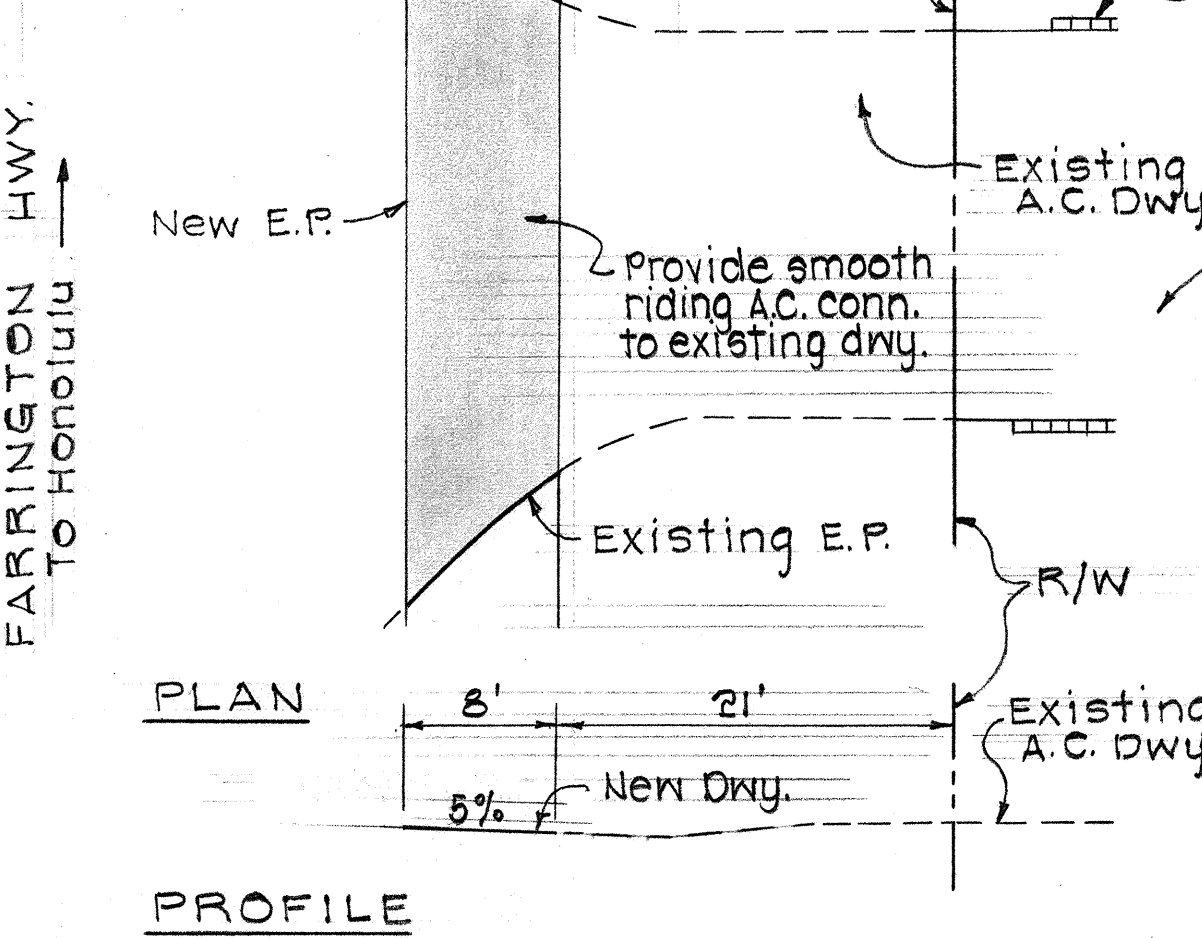
EST. QUANT.
A.C. Mix No. V = 5.2 TONS
Untreated Base = 4.7 C.Y.
Coral Select Borrow = 0.8 C.Y.
MC 800 Seal Coat = 5.9 GALS.



DWY. AT STA. 252+00

REQUIRED WORK
A.C. Mix No. V
(variable thickness)
w/ Tack Coat.

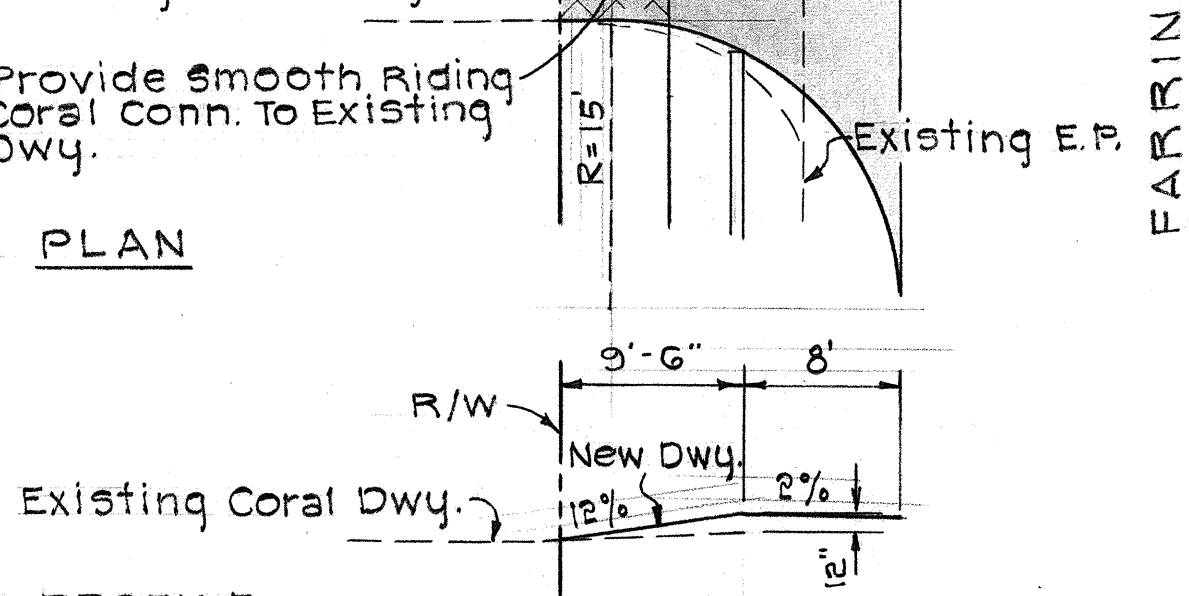
EST. QUANTITIES
A.C. Mix No. V = 3.2 TONS
Tack Coat = 4.0 GALS.
Existing Tile Wall



DWY. AT STA. 253+05

REQUIRED WORK
2" A.C. Mix No. V
4" Untreated Base Course
Coral Fill & Conn.

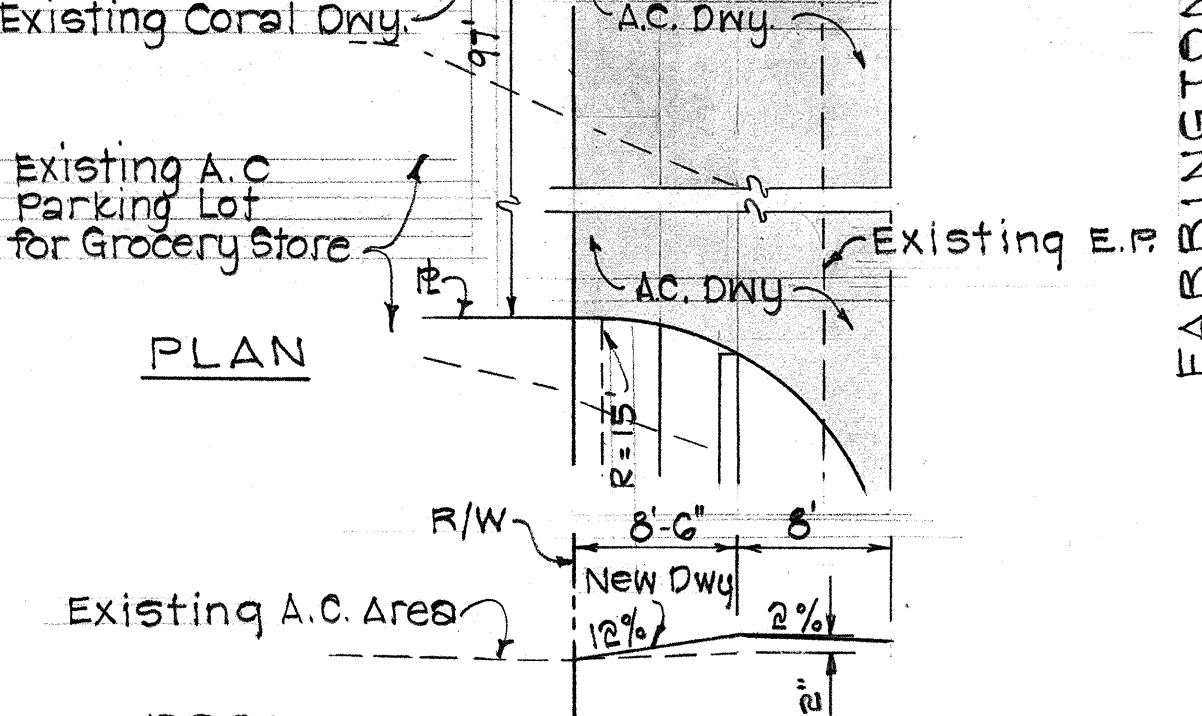
EST. QUANT.
A.C. Mix No. V = 3.2 TONS
Untreated Base = 3.0 C.Y.
Coral Select Borrow = 0.9 C.Y.
MC 800 Seal Coat = 2.9 GALS.



DWY. AT STA. 252+81

REQUIRED WORK
2" A.C. Mix No. V
4" Untreated Base Course
Excavation

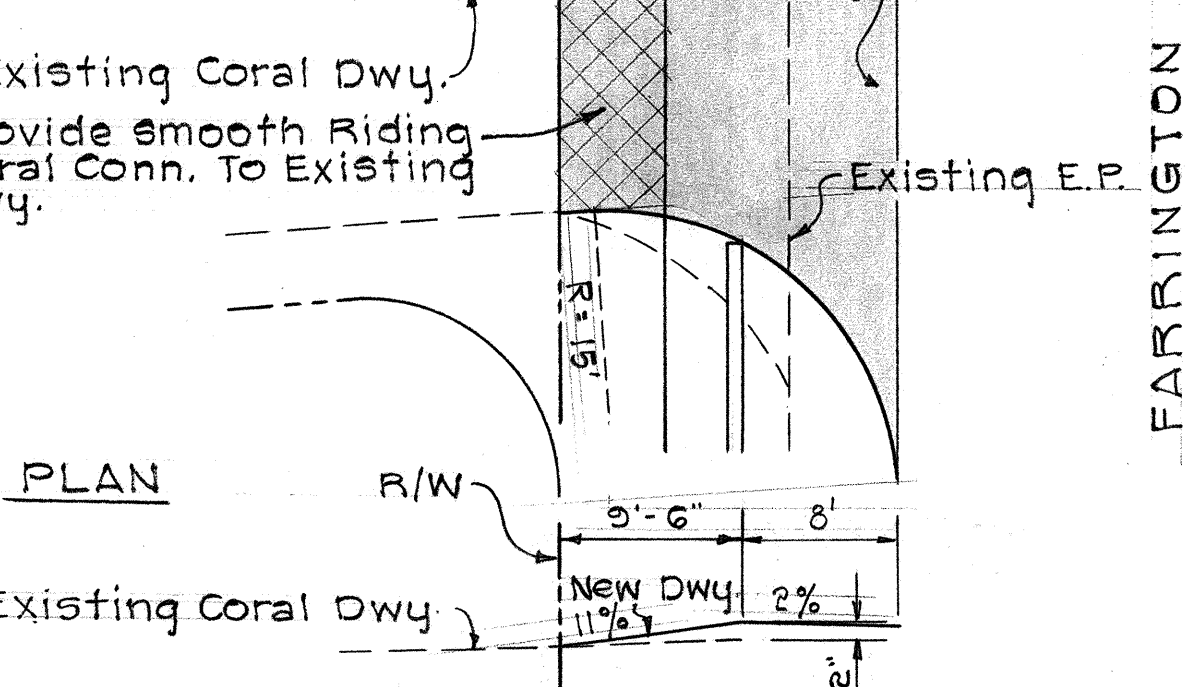
EST. QUANT.
A.C. Mix No. V = 2.15 TONS
Untreated Base = 14.5 C.Y.
Exc. = 13.6 C.Y.



DWY. AT STA. 256+45

REQUIRED WORK
2" A.C. Mix No. V
4" Untreated Base Course
Coral Fill & Conn.

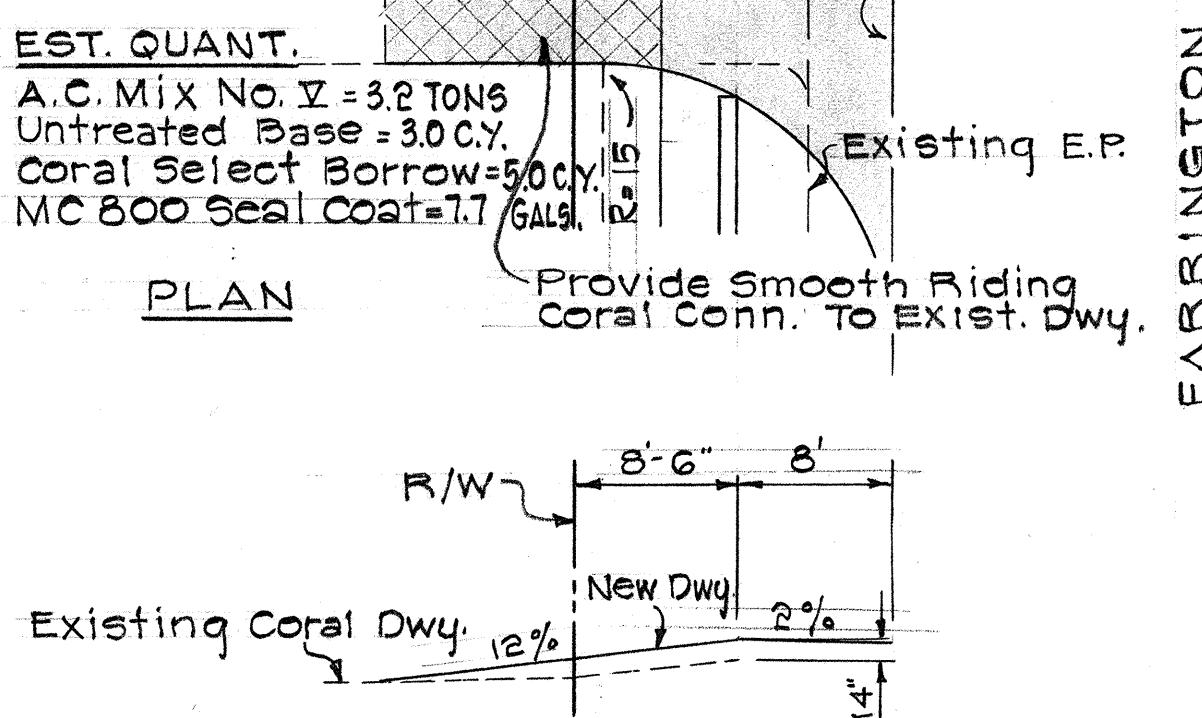
EST. QUANT.
A.C. Mix No. V = 5.2 TONS
Untreated Base = 4.7 C.Y.
Coral Select Borrow = 1.3 C.Y.
MC 800 Seal Coat = 5.9 GALS.



DWY. AT STA. 253+24

REQUIRED WORK
2" A.C. Mix No. V
4" Untreated Base Course
Coral Fill & Conn.

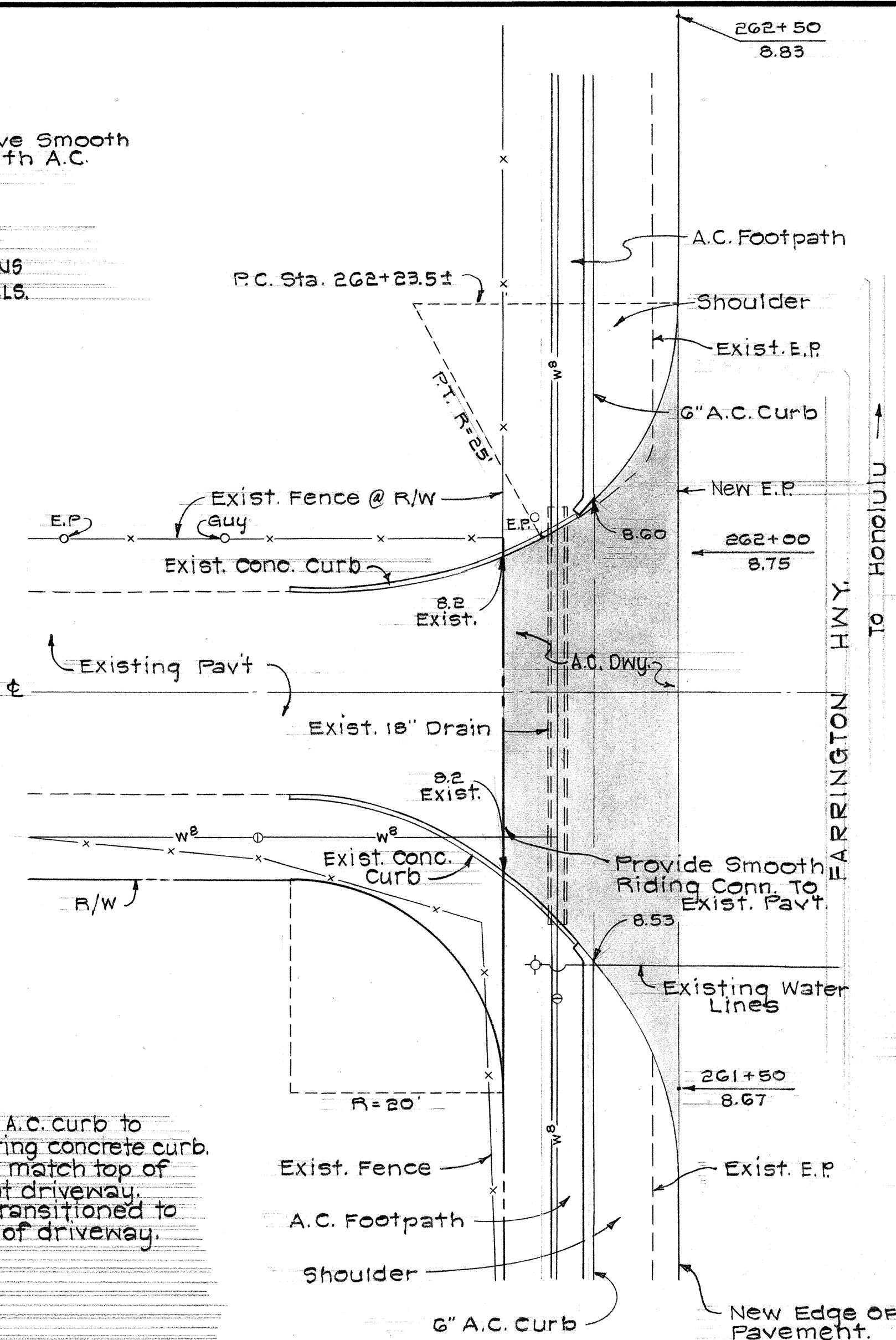
EST. QUANT.
A.C. Mix No. V = 3.2 TONS
Untreated Base = 3.0 C.Y.
Coral Select Borrow = 5.0 C.Y.
MC 800 Seal Coat = 7.1 GALS.



DWY. AT STA. 258+30

REQUIRED WORK
Apply Tack Coat & Pave Smooth
Riding Connection With A.C.
Mix No. V.

EST. QUANTITIES
A.C. Mix No. V = 9.7 TONS
Tack Coat = 12.0 GALS.

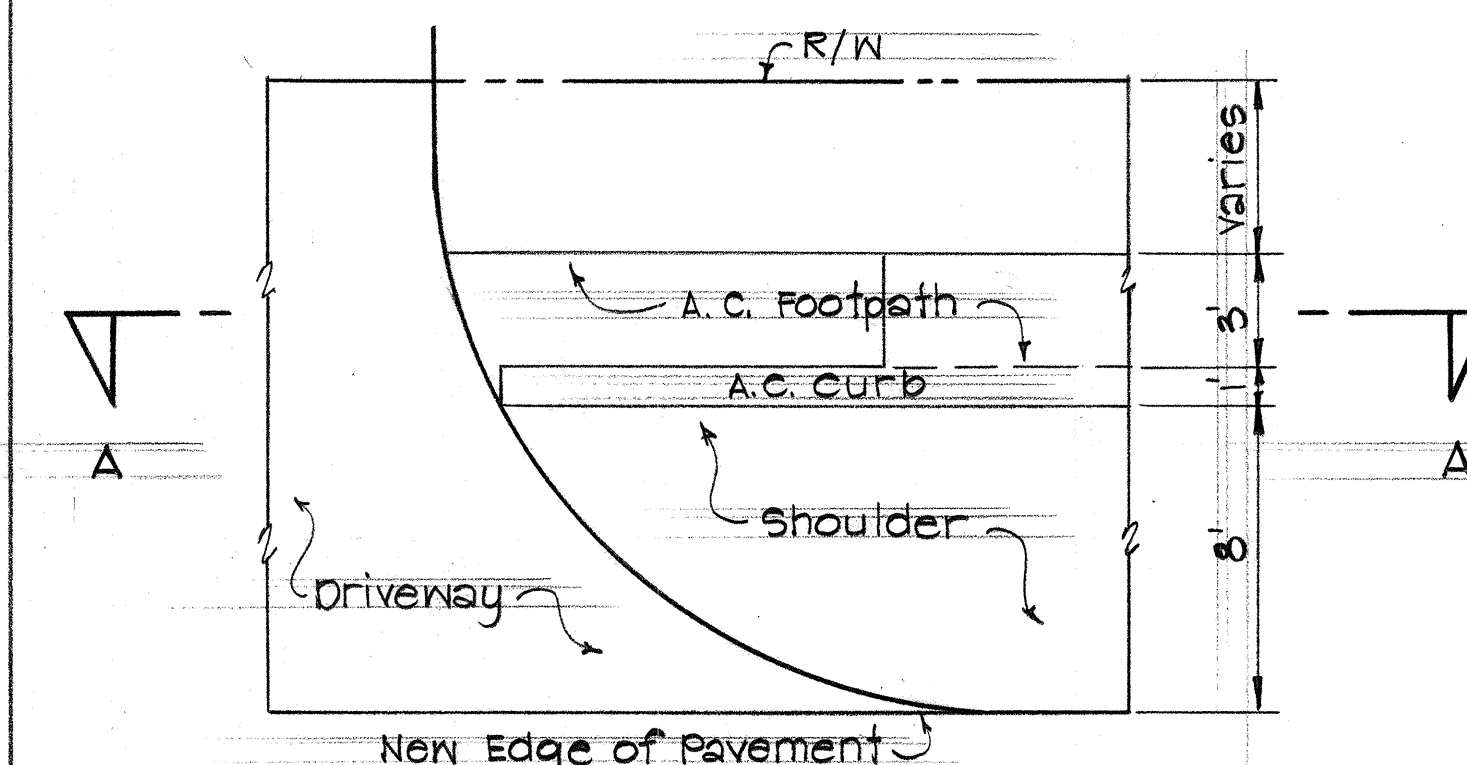


DWY AT STA. 261+87

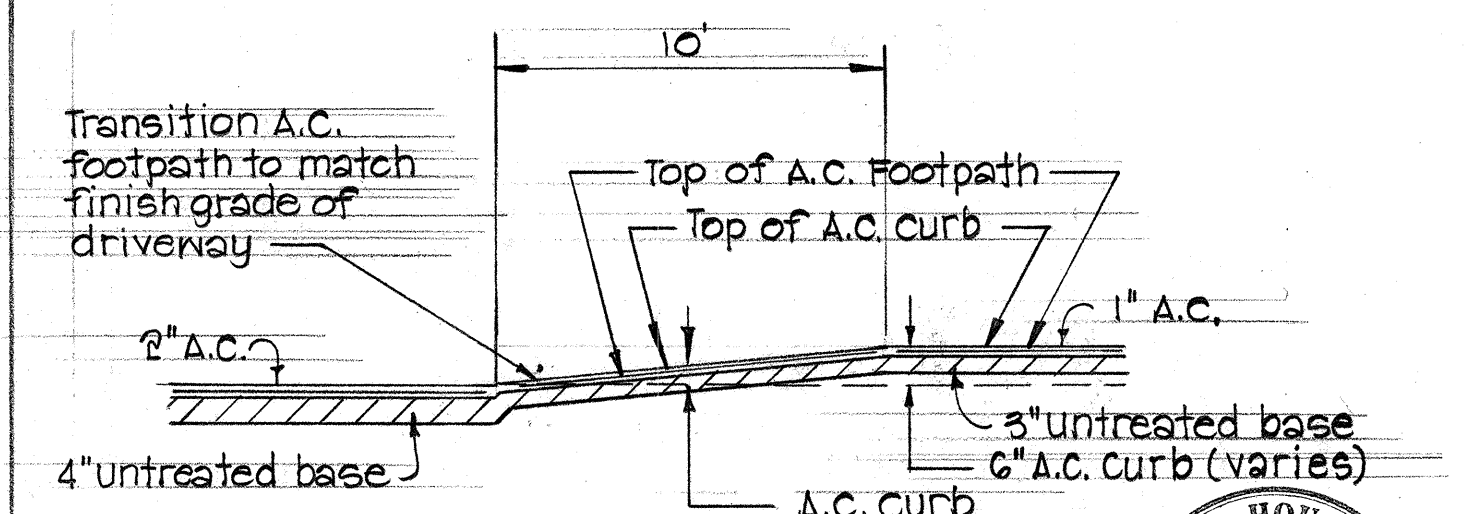
- NOTES:**
- Construct new 6" high A.C. curb to connect on with existing concrete curb.
 - Top of A.C. footpath to match top of conc. and A.C. curb at driveway.
 - Top of footpath not transitioned to match finish grade of driveway.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.		1969	12	73

PROJECT NO. 900 B-02-68 UNIT 1



PLAN



REFLECTED SECTION "A-A"

DETAIL OF FOOTPATH AT DRIVEWAYS

Scale: 1" = 5'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

George K. Houghtaling

- NOTES:**
- Driveway connections to be constructed of the same or better material as existing.
 - A.C. concrete pavement, untreated base course, prime coat, tack coat, coral select borrow with MC 800, and excavation for driveways, shall be paid for under respective roadway items.
 - See sht. 10 for Typical A.C. Driveway Section.
 - All coral driveways shall have MC 800 bituminous seal coat.
 - 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.
 - For detail of A.C. footpath transition at driveways see this sht.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRIVEWAY DETAILS

FARRINGTON HIGHWAY WIDENING
PROJECT 900 B-02-68
UNIT 1

SCALE: 1" = 10'

SHEET No. 3 OF 3 SHEETS