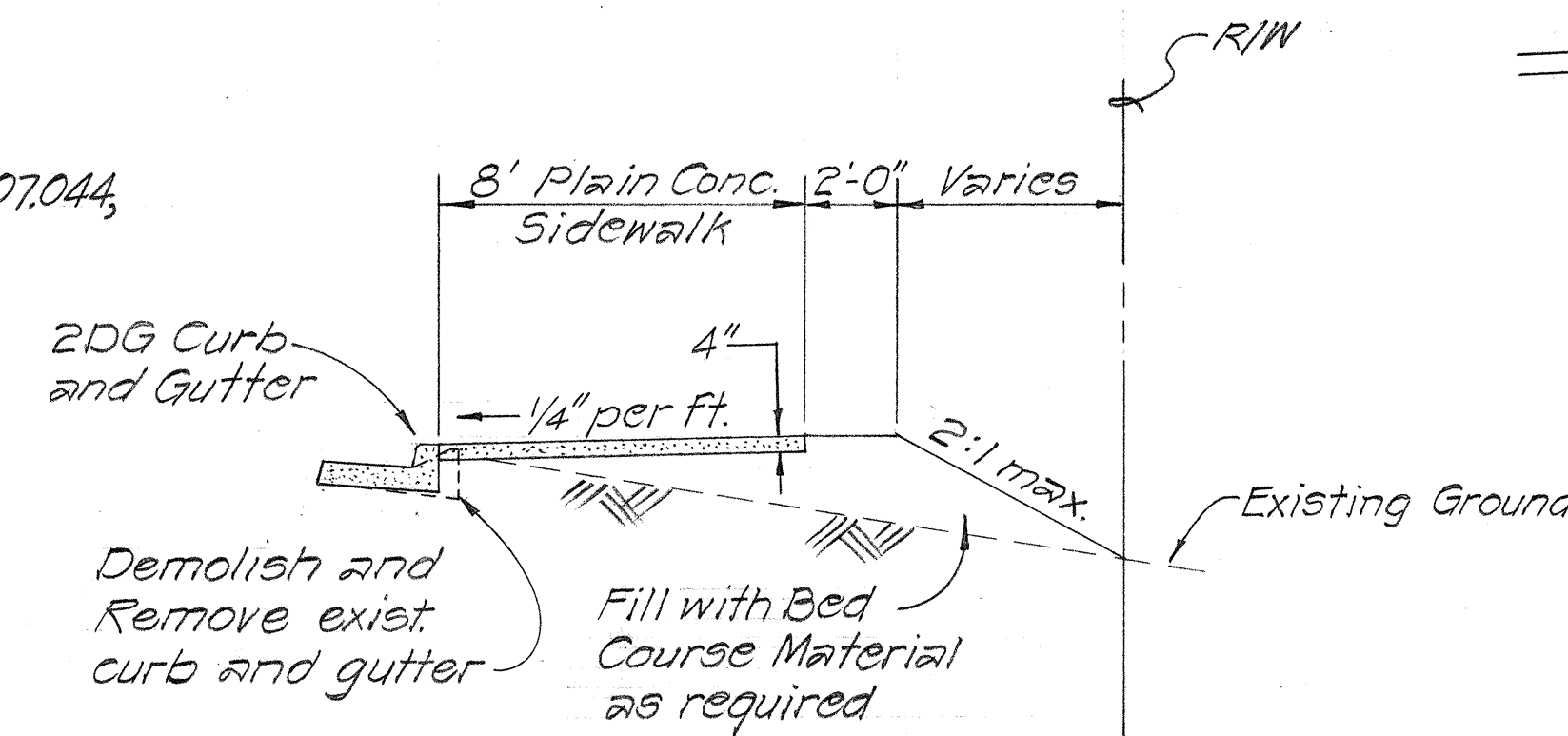


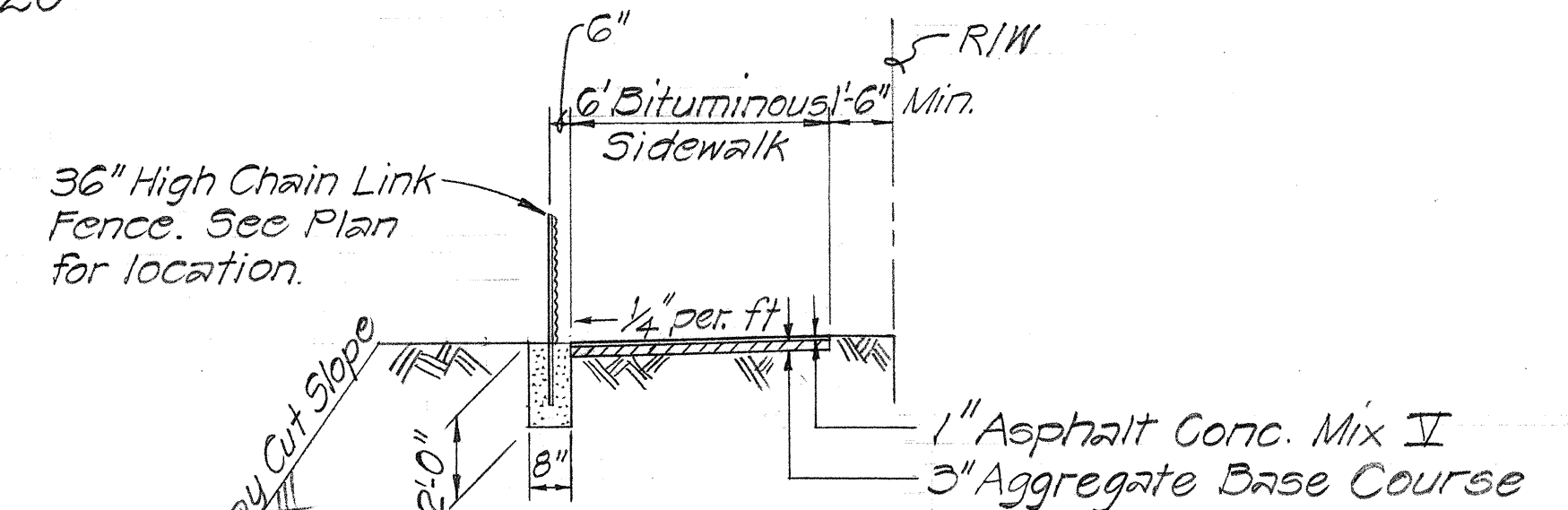
GENERAL NOTES

1. The work to be done involves the construction of plain concrete and bituminous sidewalk, installation of drainage system, construction of CRM Walls, construction of curb and gutter, and installation of chain link fence.
2. In the event that the "Amount for Comparison of Bids" (Before Preference) exceeds the funds available, the State reserves the right to delete or reduce in quantity, Proposal Item No's 607.004, 607.044, 609.206, and 609.246 (Refer to Section 104.08 of the Special Provisions)
3. Excavation done to remove existing pavement material for the reconstruction of curb and gutter shall be backfilled, compacted and resurfaced to its original condition (These items of work will not be paid for separately, but will be considered incidental to Item No's 609.206 and 609.246)
4. If any underground structure such as culverts, pipelines, conduits, cables, sprinkler system, etc. are disconnected, destroyed or otherwise impaired in any way by reason of construction work, the Contractor, at his own expense, shall restore such utility service with the least possible delay.
5. Excavation done to remove existing cut-off ditch shall be backfilled and compacted to match existing ground. (These items of work will be considered incidental to Item No. 207.01.

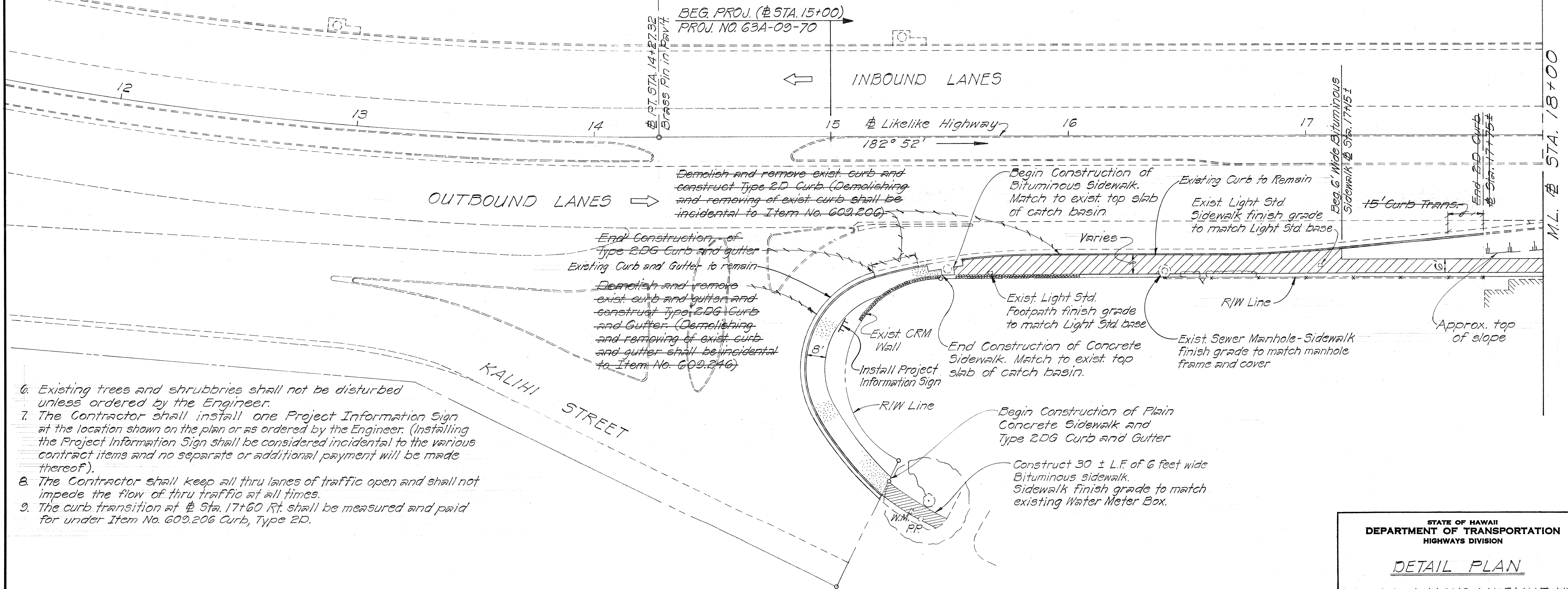
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-09-70	1971	2	3



TYPICAL SECTION
Curb Return at Kalihi St. & Likelike Hwy.
Scale: 1/4"=1'-0"



TYPICAL SECTION
Sta. 17+15 to 20+00
Scale: 1/4"=1'-0"

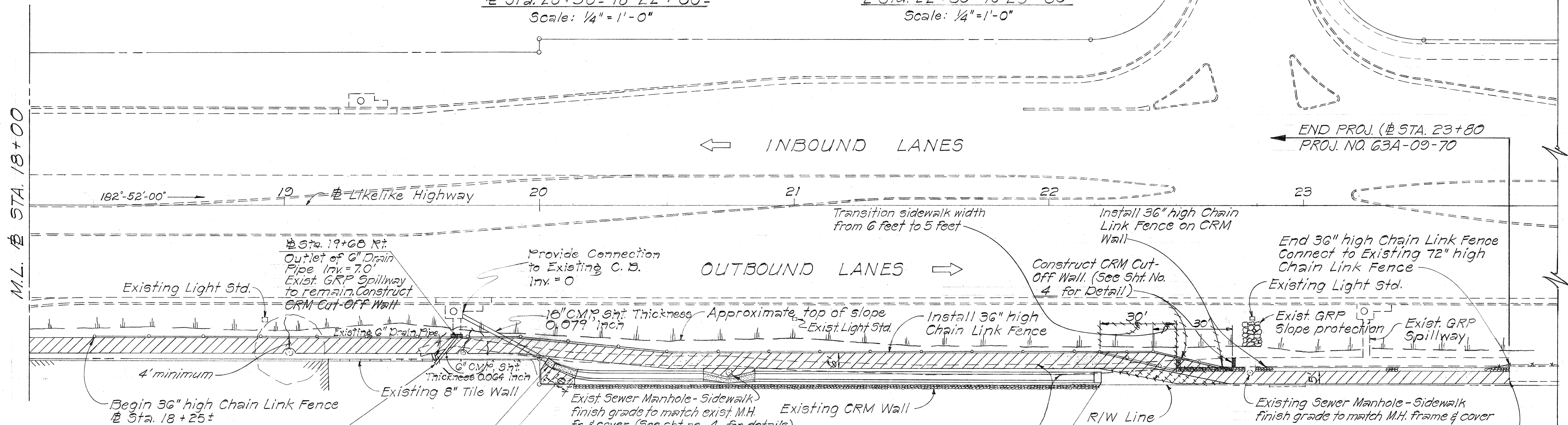
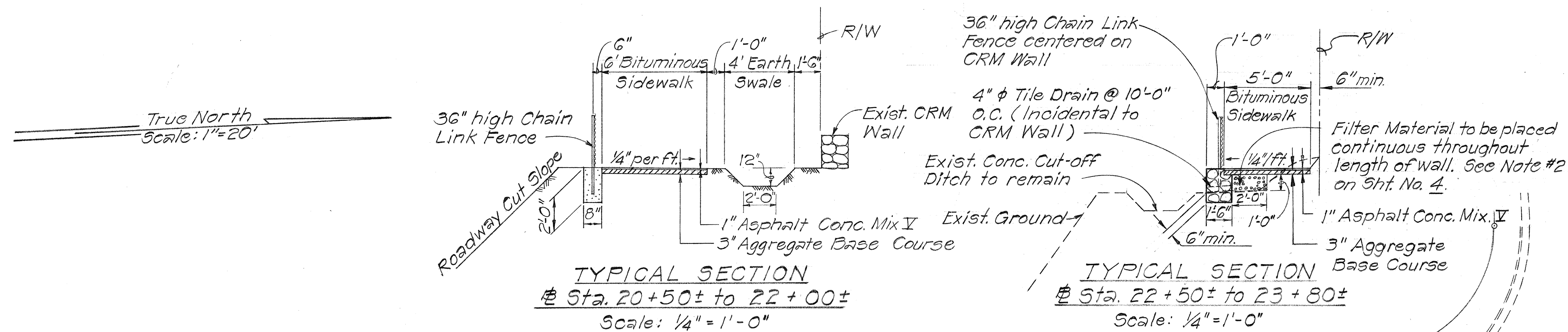


6. Existing trees and shrubbries shall not be disturbed unless ordered by the Engineer.
7. The Contractor shall install one Project Information Sign at the location shown on the plan or as ordered by the Engineer. (Installing the Project Information Sign shall be considered incidental to the various contract items and no separate or additional payment will be made thereof).
8. The Contractor shall keep all thru lanes of traffic open and shall not impede the flow of thru traffic at all times.
9. The curb transition at # Sta. 17+60 Rt. shall be measured and paid for under Item No. 609.206 Curb, Type 2D.

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION					
DETAIL PLAN					
FOOTPATH ALONG LIKELIKE HWY. KALIHI ST. TO GULICK AVE. PROJECT No. 63A-09-70					
Scale: As Shown Date: Feb. 1971					
SHEET No. 1 OF 2 SHEETS					

DESIGNED BY	DATE
DRAWN BY	*****
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-09-70	1971	3	9



Sta. 20+04 ± Rt. 96 = 61.5' ±
Construct: Type "A" C.D.
Install: 18" CMP, 9 ft. Thickness
0.079 inch
(See Sht. No. 7 For Details)

Sta. 19+60 Rt.
Outlet of 6" Drain
Pipe Inv. = 7.0'
Exist. GRP Spillway
to remain. Construct
CRM Cut-off Wall

Sta. 20+04 ± Rt.
Type "A" C.D.
Inv. = 6.4' ±
(See Sht. No. 7
For Details)

Conform 10'
Lined Transition
to C.D. Inlet

Demolish Existing Cutoff Ditch
Sta. 19+50 ± to 22+50 ± Rt.
(Demolishing and Disposing of
Existing Cut-off Ditch shall be
incidental to Item No. 20701)

Existing Cut-off
Ditch

Sta. 22+20 Rt.
Begin Earth Ditch
(See Sht. No. 7 For Details)

End construction of 6' wide
Bituminous Footpath, provide
smooth connection to existing
concrete walk # Sta. 23+80 ± Rt.

Estimated Quantities

Struc. Exc. 24 cu. yd.
C1 "B" Conc. 1.0 cu. yd.
Type "C" C1. Frame & Grate 1 ea.
18" Pipe Culvert 40 l.f.

Sta. 20+15 Rt. to # Sta. 22+20 Rt.
Construct: Earth Swale
(See This Sheet For Typical Section)

Estimated Quantities

Ditch & Channel Exc. 23 cu. yd.

Sta. 20+05.5 ± Rt. to # Sta. 20+15 Rt.
Construct: 10 Feet Lined Transition
(See Sht. No. 7 For Typical)

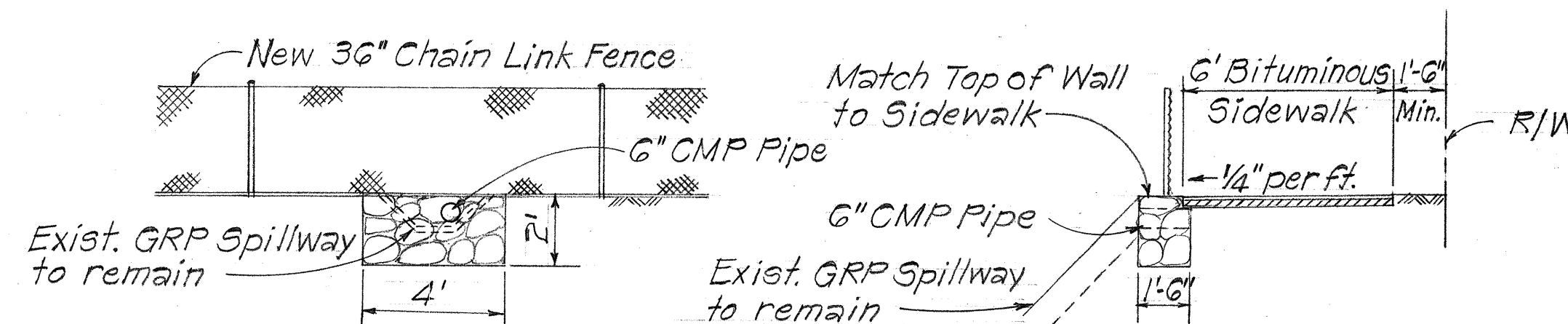
Estimated Quantities

Ditch & Channel Exc. 1 cu. yd.
Class "B" Concrete 1 cu. yd.

Sta. 19+60 Rt. to # Sta. 19+68 Rt.
Install 6" Drain Pipe. Use Existing
Inlet invert and inv. = 7.0' at Outlet

Estimated Quantities

6" CMP, 9 ft. Thickness 0.064 inch 14 l.f.
Struc. Exc. 2 cu. yd.



ELEVATION
CRM CUT-OFF WALL @ 19+68 ± Rt.
Scale: 1/4" = 1'-0"

SECTION
CRM CUT-OFF WALL @ 19+68 ± Rt.
Scale: 1/4" = 1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL PLAN

FOOTPATH ALONG LIKELIKE HWY.
KALIHI ST. TO GULICK AVE.
PROJECT No. 63A-09-70

Scale: As Shown Date: Feb. 1971

SHEET No. 2 OF 2 SHEETS