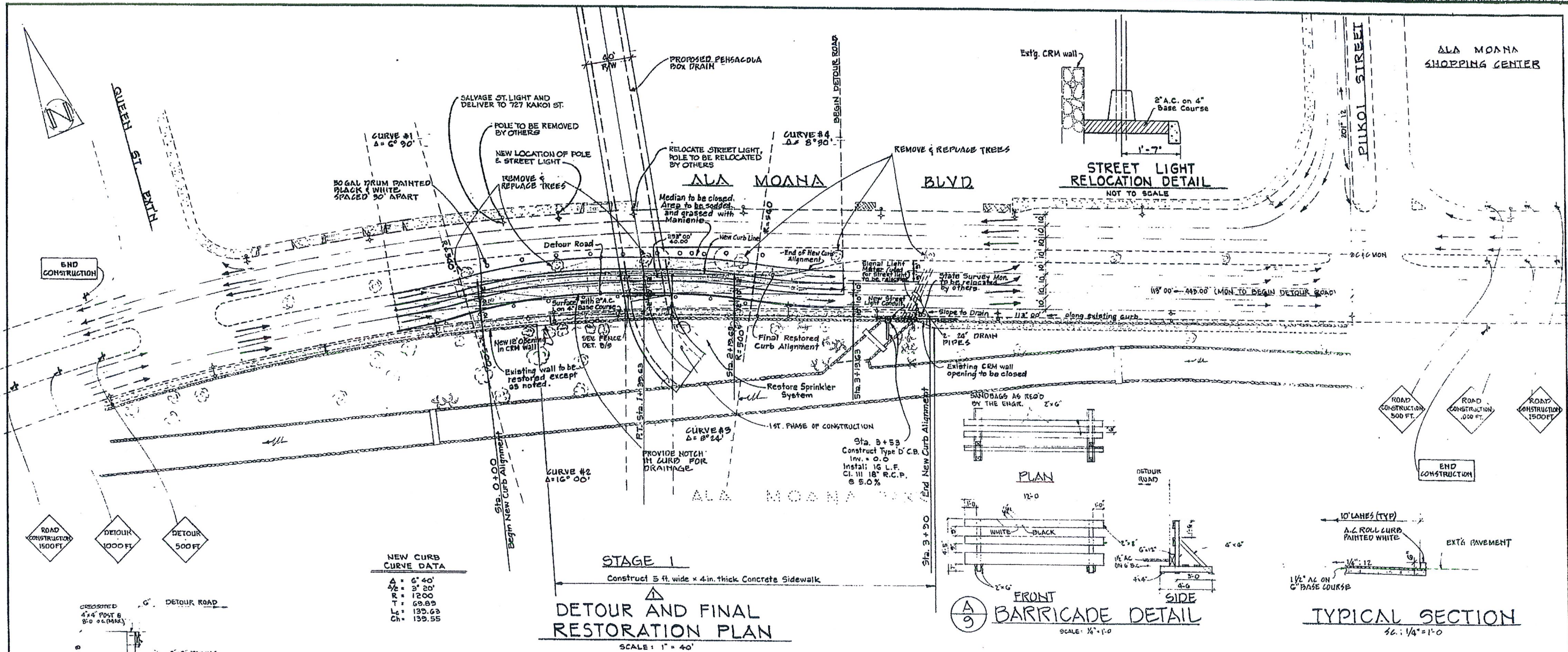




NEW CURB CURVE DATA

Δ = 6° 40'
Δ/2 = 3° 20'
R = 1200
T = 69.89
L = 135.63
Ch = 139.55

DETOUR NOTES:

1. THE CONTRACTOR SHALL REMOVE OR ADJUST ALL EXISTING IMPROVEMENTS I.E. SPRINKLERS, CURBS, STREET LIGHTS, TREES, CONCRETE GORGE WALL, ETC. TO PROVIDE A SMOOTH RIMING DETOUR, AND RESTORE SAME EXCEPT AS NOTED OTHERWISE.
2. THE CONTRACTOR MAY ALTER THE DETOUR LAYOUT WITH THE APPROVAL OF THE ENGINEER, PROVIDED THE MINIMUM TRAVEL LANE WIDTH, ALIGNMENT, AND NUMBER ARE MAINTAINED.
3. THE SECTIONS OF THE DETOUR ROAD NOT ON THE EXISTING PAVEMENT SHALL HAVE A MINIMUM PAVEMENT OF 1 1/2" ΔΔ ON 6" BASE COURSE.
4. DETOUR SIGNS SHALL BE REFLECTORIZED & SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" EXACT LOCATIONS OF SIGNS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
5. THE CONTRACTOR SHALL INSTALL ADDITIONAL WARNING DEVICES WHEN REQUIRED BY THE ENGINEER. ALL WARNING DEVICES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE VARIOUS CONTRACT ITEMS.
6. THE CONTRACTOR SHALL OBTAIN A CONSTRUCTION PERMIT FROM THE STATE HIGHWAY DISTRICT ENGINEER AT 727 KAKOI ST. PRIOR TO THE COMMENCEMENT OF WORK WITHIN THE STATE HIGHWAY RIGHT-OF-WAY.
7. CONSTRUCTION AND RESTORATION OF ALL EXISTING HIGHWAY FACILITIES WITHIN THE STATE RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE SECTIONS OF THE STD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION DATED 1969, AND THE SPECIFICATION FOR INSTALLATION OF MISCELLANEOUS IMPROVEMENTS WITHIN FEDERAL AID HIGHWAYS DATED JULY 1, 1970, OF THE STATE HIGHWAYS DIVISION.
8. THE CONTRACTOR SHALL PROVIDE A 4'-0" WIDE WALKWAY FOR PEDESTRIAN TRAFFIC ON BOTH SIDES OF ALA MOANA BOULEVARD AT ALL TIMES.

STREET LIGHT NOTES:

1. THE CONTRACTOR SHALL PROVIDE FOR LIGHTING OF THE ROADWAY THROUGHOUT THE CONSTRUCTION PERIOD.

PARK NOTES:

1. THE CONTRACTOR SHALL REPLACE ALL TREES REMOVED IN THE DETOUR ROAD. ALL OTHER TREES SHALL REMAIN IN PLACE. TREES SHALL BE TEMPORARILY PLANTED AT THE NURSERY SITES. (SEE STAGE 2)
2. THE CONTRACTOR SHALL OBTAIN A PERMIT FOR CONSTRUCTION FROM THE DEPARTMENT OF PARKS & RECREATION PRIOR TO COMMENCING WORK IN THE PARK.
3. INSPECTION FOR THE TREE REMOVAL AND REPLACEMENT WORK SHALL BE DONE BY THE DEPARTMENT OF PARKS & RECREATION, CITY & COUNTY OF HONOLULU.

GRADING NOTES:

1. ALL GRADING WORK SHALL CONFORM TO CHAPTER 23, REVISED ORDINANCES OF HONOLULU, 1961, AS AMENDED.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANING AND REMOVAL OF ALL SILT & DEBRIS GENERATED, DEPOSITED & ACCUMULATED WITHIN DOWNSTREAM WATERWAYS, DITCHES, DRAIN PIPES & ON PUBLIC ROADWAYS. THE CONTRACTOR AGREES TO REIMBURSE THE CITY & COUNTY OF HONOLULU FOR ALL COSTS EXPENDED IN THE PERFORMANCE OF THE ABOVE WORK IF REQUIRED FOR PUBLIC HEALTH & SAFETY OR MADE NECESSARY BY NON PERFORMANCE BY THE CONTRACTOR.
3. THE CONTRACTOR, AT HIS EXPENSE, SHALL KEEP THE PROJECT AND SURROUNDING AREA FREE FROM DUST NUISANCE. THE CITY SHALL REQUIRE SUPPLEMENTARY MEASURES AS NECESSARY.

PARK NOTES:

4. THE CONTRACTOR SHALL MAINTAIN A FOURTEEN (14) FOOT CLEARANCE ABOVE THE CURB AND TRIM ALL THE LOWER BRANCHES. ALL TRIMMING SHALL BE DONE UNDER THE DEPT. OF PARKS AND RECREATION SUPERVISION. THE CONTRACTOR SHALL NOTIFY THE DEPT. OF PARKS AND RECREATION TWO (2) DAYS PRIOR TO TRIMMING.

APPROVED:

George E. Villan
DIRECTOR, DEPT. OF PUBLIC WORKS
CITY & COUNTY OF HONOLULU

APPROVED:

George E. Villan
DIRECTOR, DEPT. OF PARKS & RECREATION
CITY & COUNTY OF HONOLULU

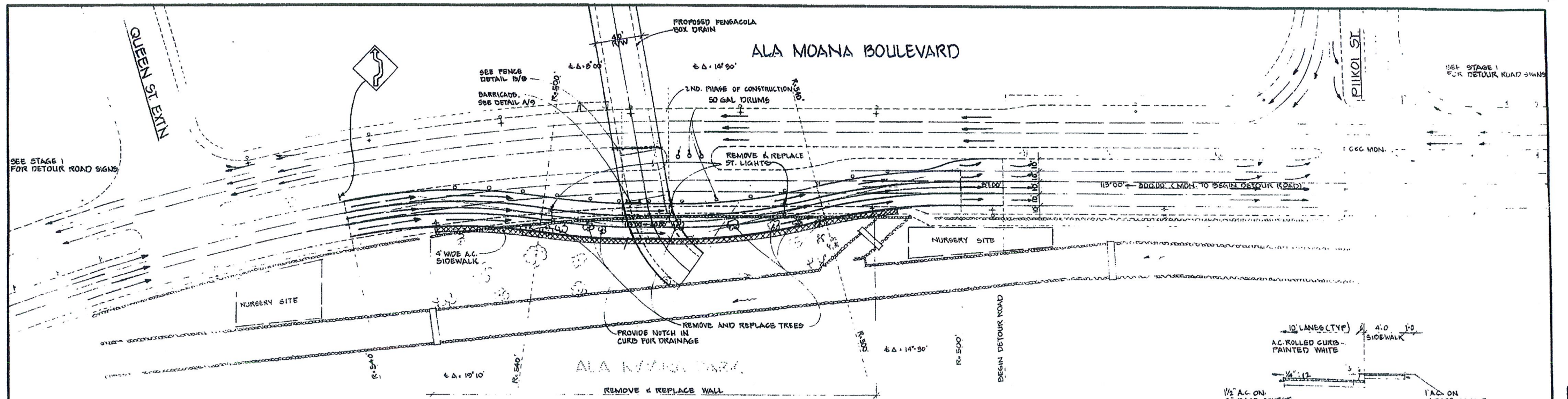
REVISION: NEW CURB ALIGNMENT

George E. Villan
DIRECTOR, DEPT. OF PARKS & RECREATION
CITY & COUNTY OF HONOLULU

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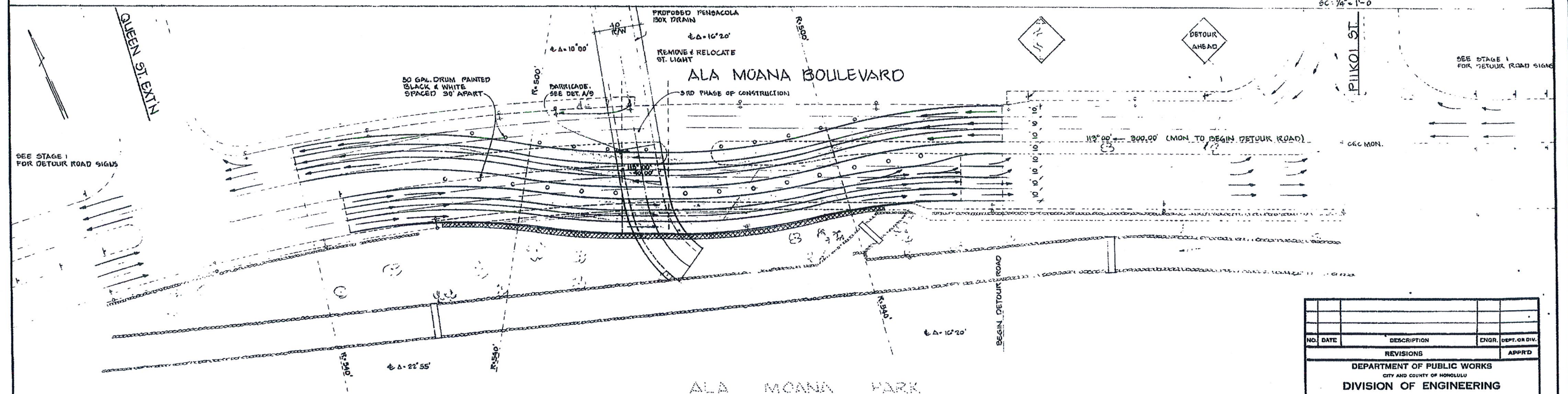
NO. DATE		DESCRIPTION	ENGR. DEPT. OR DR.	APPROVED
5/5/72		New Curb Alignment		
REVISIONS				
DEPARTMENT OF PUBLIC WORKS CITY AND COUNTY OF HONOLULU DIVISION OF ENGINEERING Pensacola Street Relief Drain Unit I DETOUR ROAD DETAIL				
ENGINEER	DATE	CHECKED BY	DATE	
RT	4-20-71	WY		
DRAFTSMAN	EN	TRACER	RN JL	
SCALE	AS NOTED	APPROVED	5/5/71	
CITY & COUNTY OF HONOLULU				
W. S.	PROFILE	C. S.		
CH. SEC.	P. S.	E. S.		
W. M. ST.	P. M. ST.	E. M. ST.		

(SEE SHT. 3 FOR ADDITIONAL NOTES)



STAGE 2

TYPICAL SECTION



STAGE 3

DETOUR PLAN

APPROVED:

Young, J. K. 30 4/5/71
 DEPT. OF PUBLIC RECREATION
 CITY & COUNTY OF HONOLULU

APPROVED:

NO.	DATE	DESCRIPTION	ENGR.	DEPT. OR DIV.
REVISIONS				
APPRD.				
DEPARTMENT OF PUBLIC WORKS CITY AND COUNTY OF HONOLULU				
DIVISION OF ENGINEERING				
Pensacola Street Relief Drain				
Unit I				
DETOUR ROAD				
DETAIL				
ENGINEER	EN	LT	DATE	4-20-71
DRAFTSMAN	EN		CHECKED BY	WY
APPROVED	<i>[Signature]</i> 4/5/71			
CHIEF, DIVISION OF ENGINEERING				

JOB NO.

18	6	2	45
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