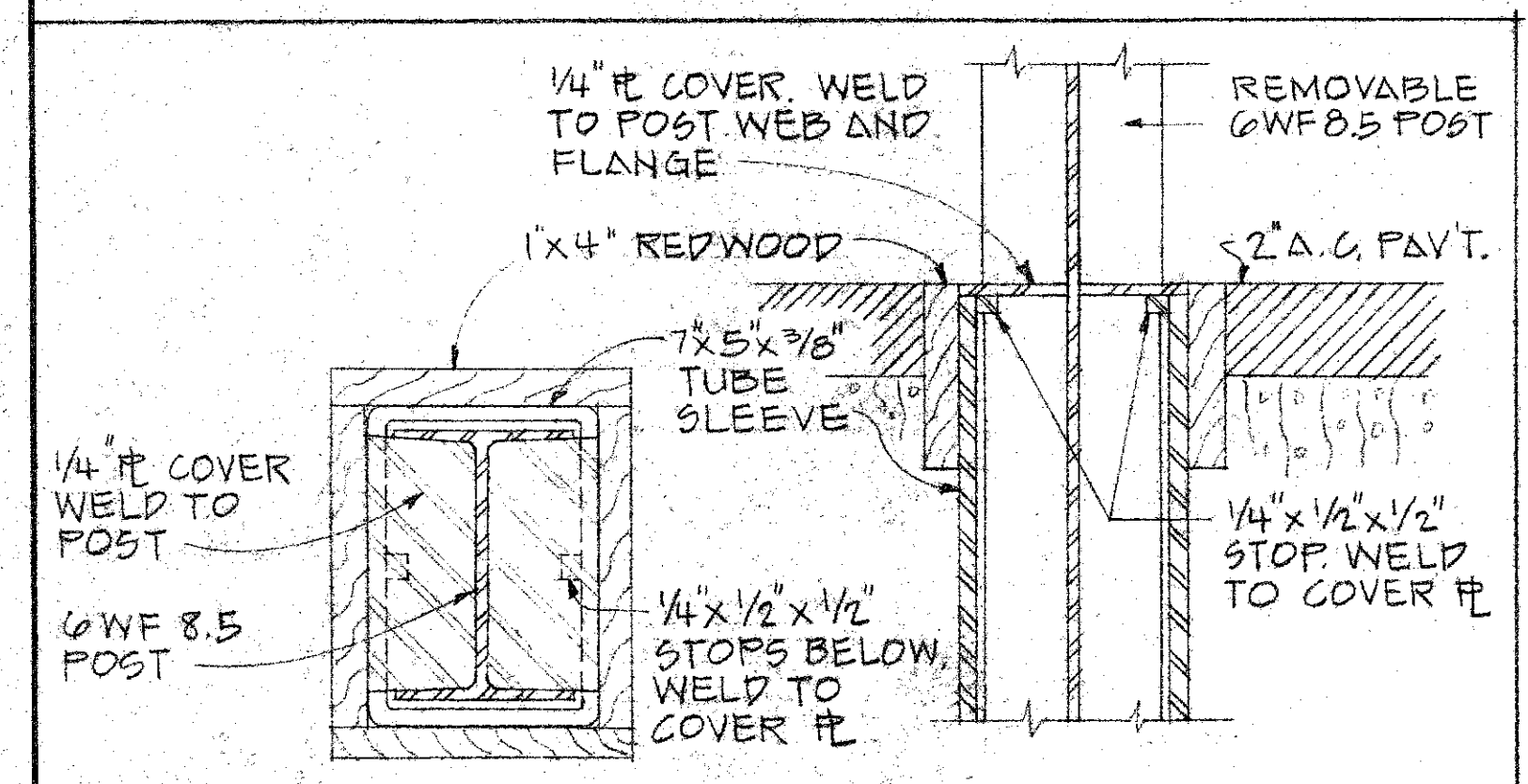
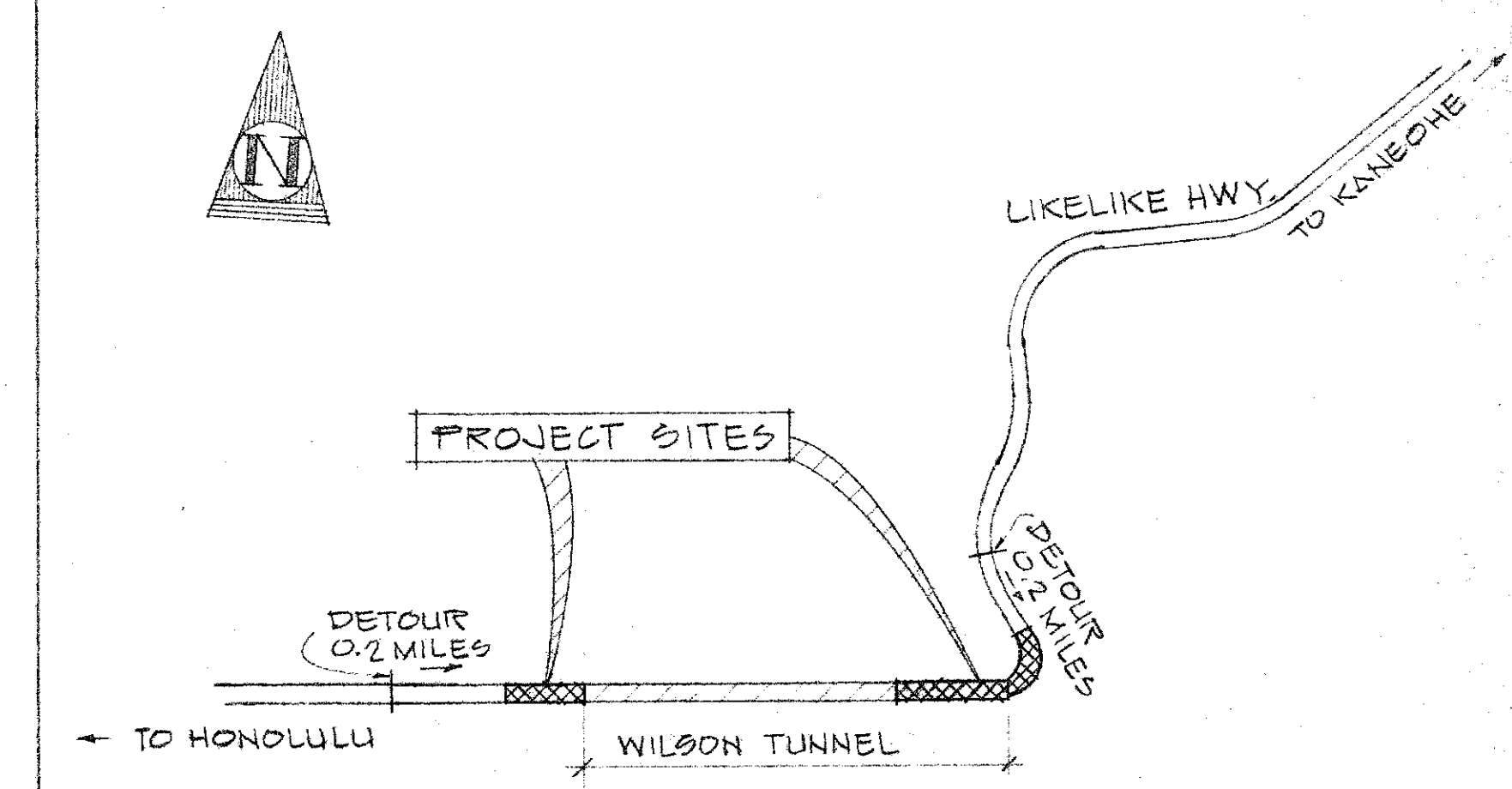
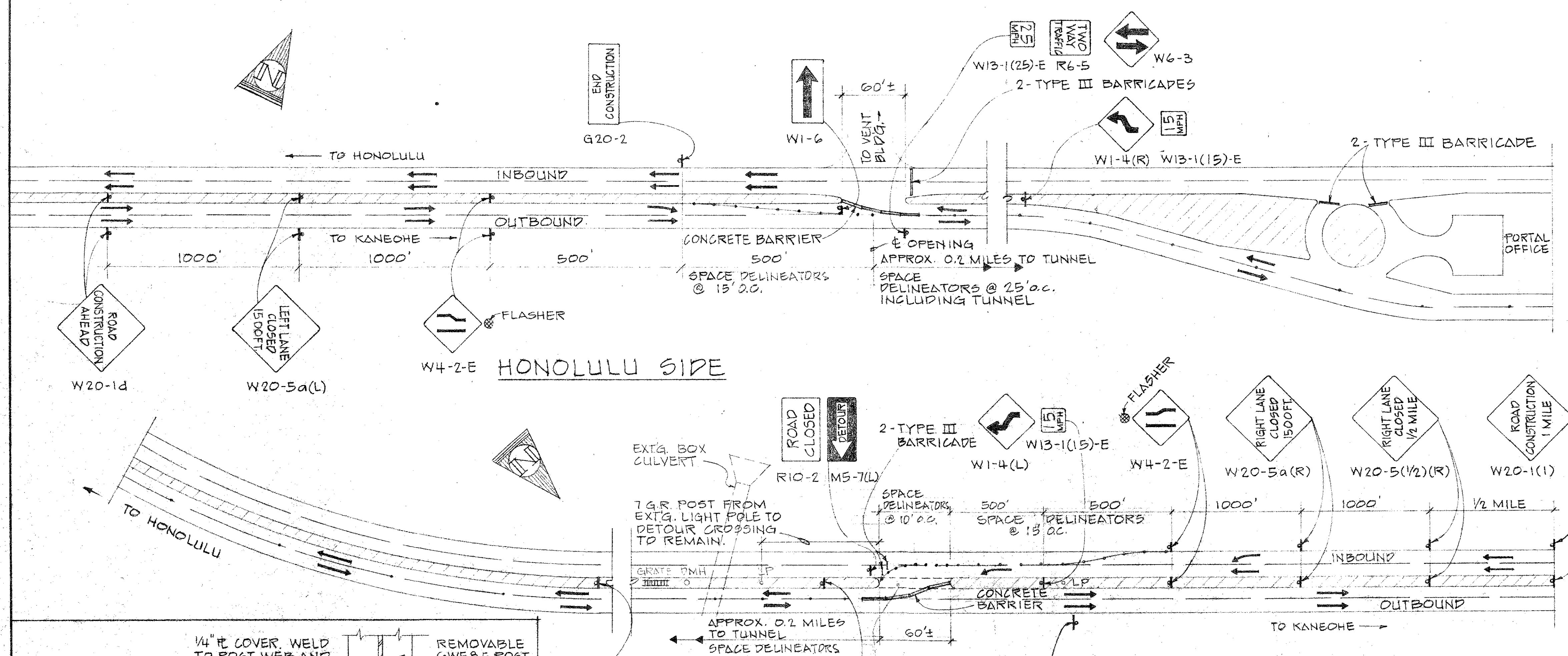
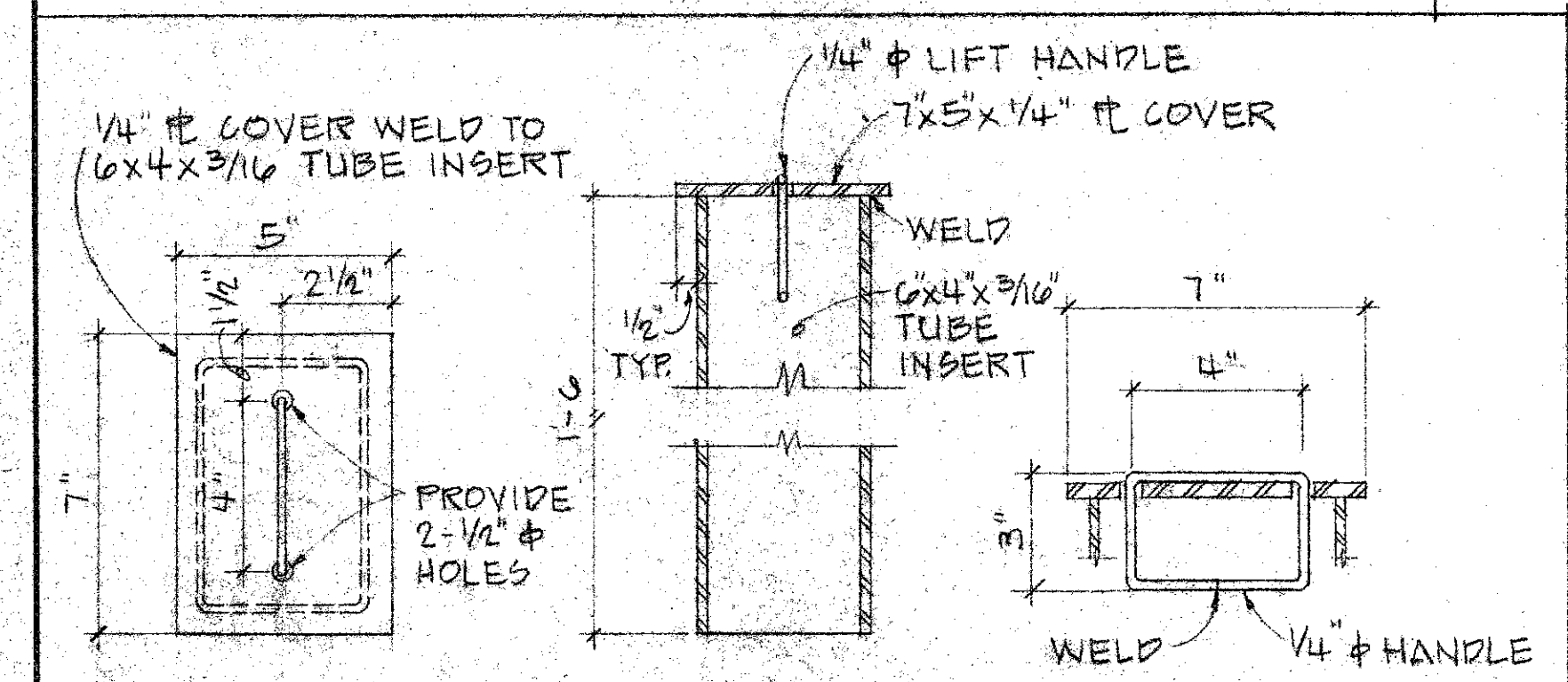


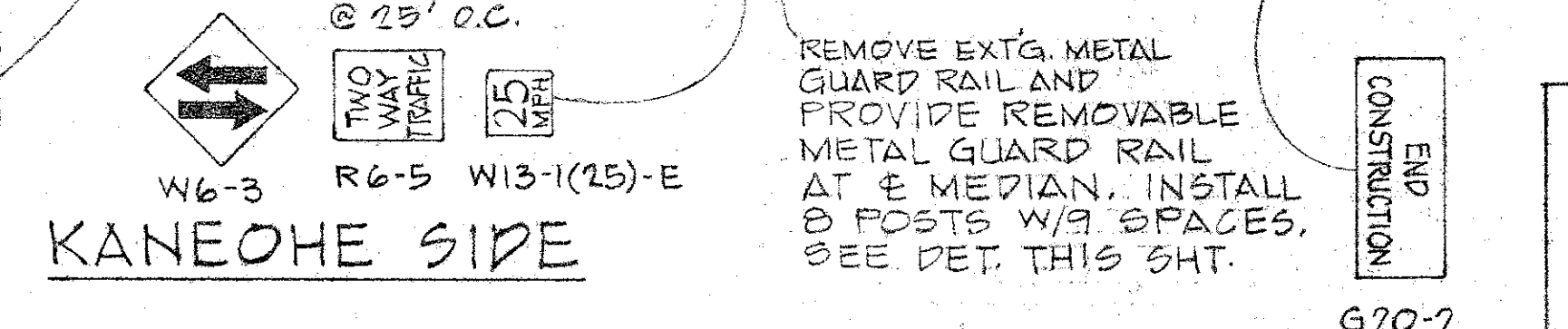
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES-063-1(12)	1980	13	44



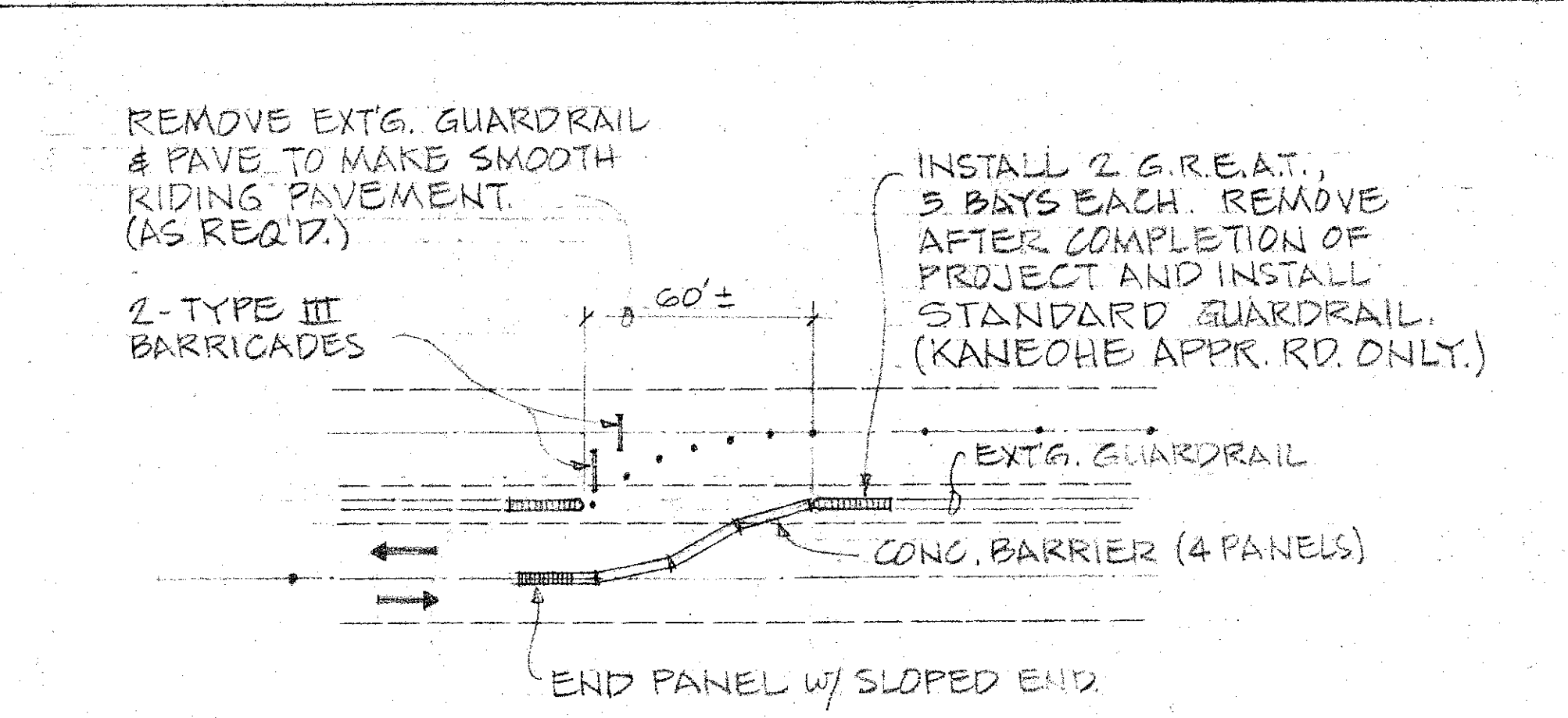
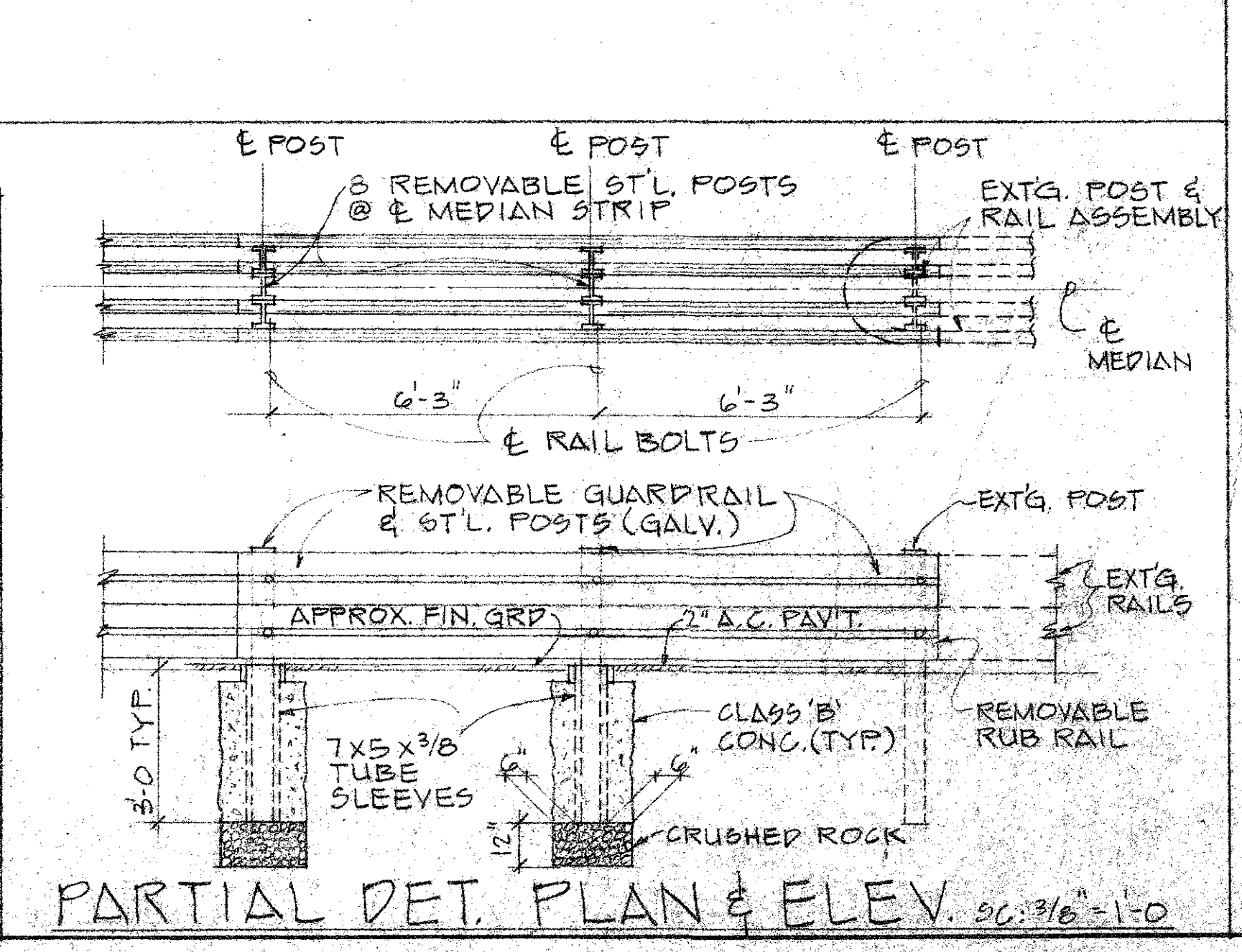
TOP VIEW SECTION
TUBE SLEEVE DETAIL 90:3"=1'-0



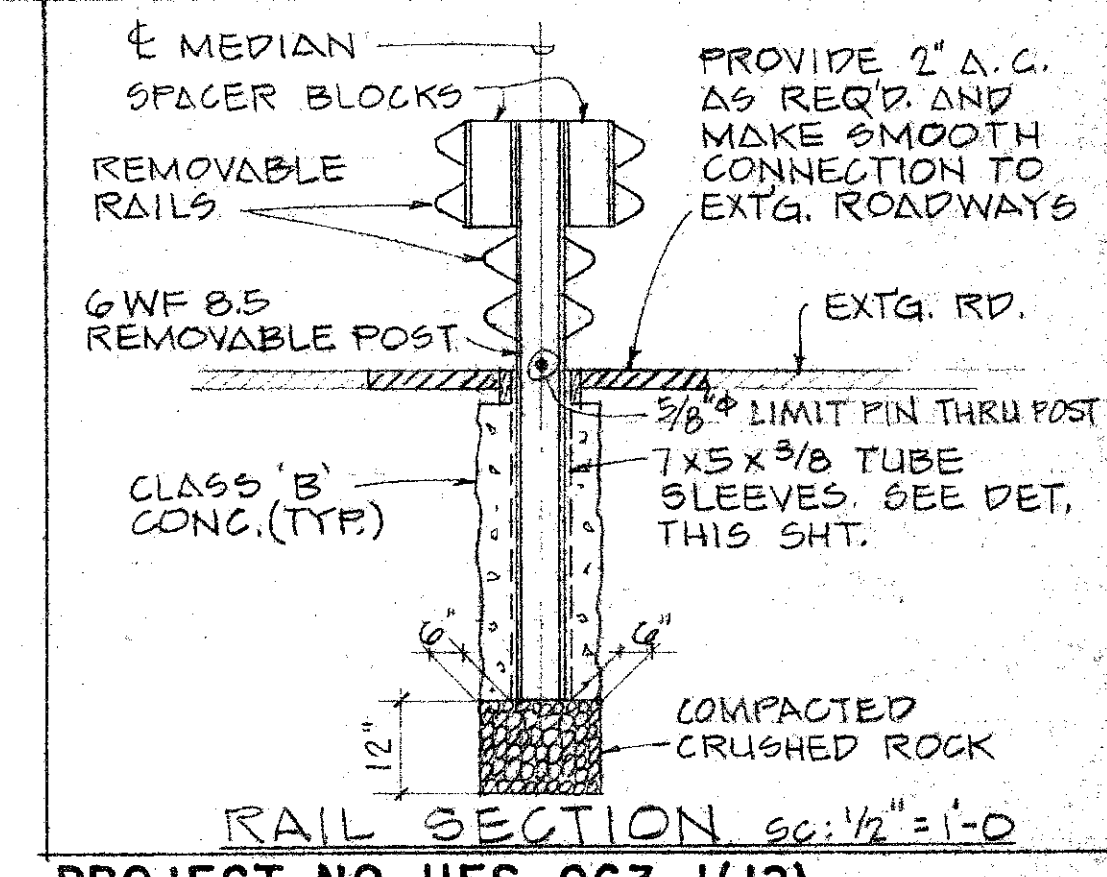
TOP VIEW SECTION HANDLE DET.
TUBE INSERT DETAIL 90:3"=1'-0



PHASE I
DETOUR PLAN NOT TO SCALE



TYP. CROSS-OVER DETAIL 90:1"=40'
NOTE: REINSTALL ONE REMOVED G.R.E.A.T. TO KALIHI PORTAL TURN AROUND AND SALVAGE ONE G.R.E.A.T. FOR STATE.



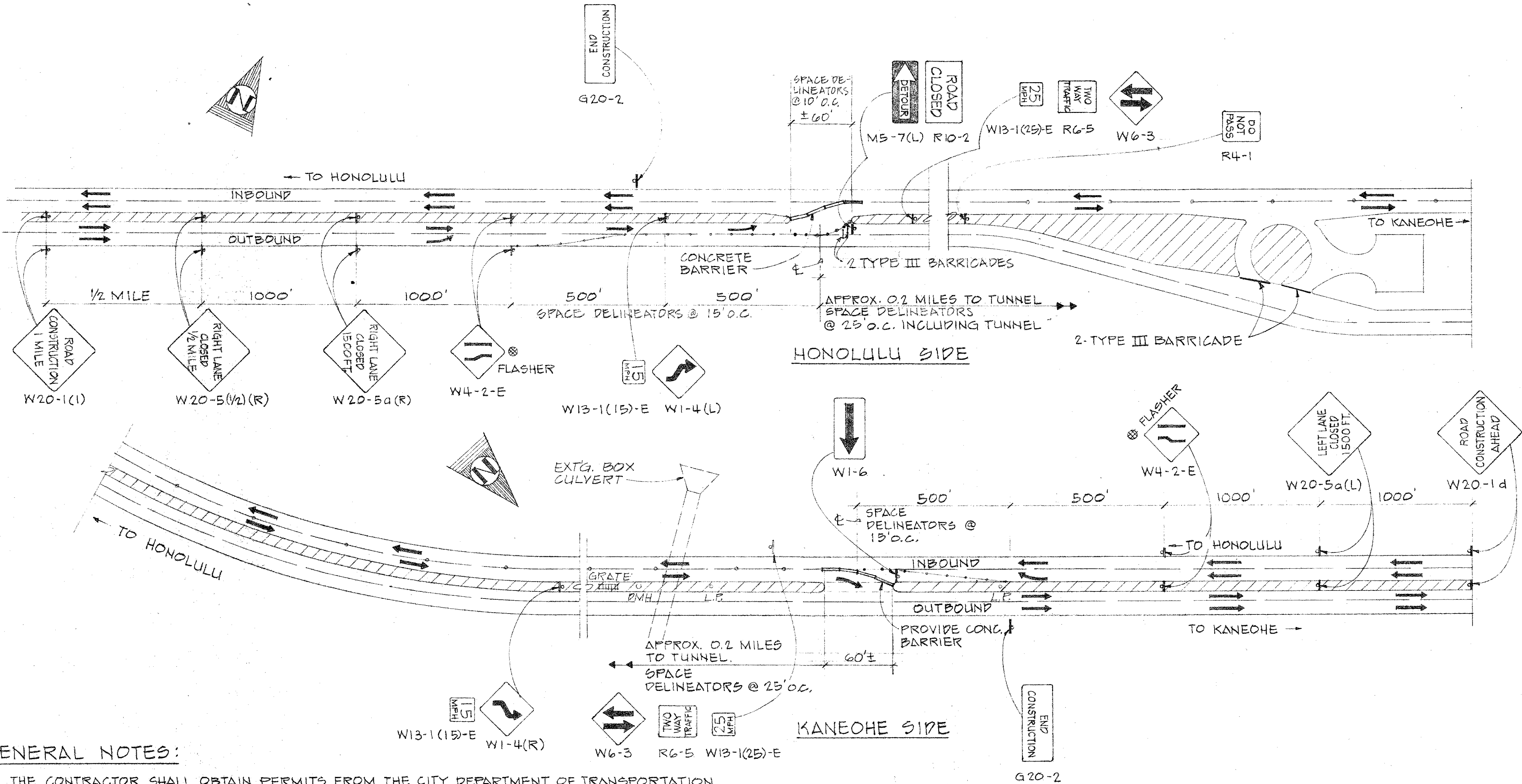
PROJECT NO. HES-063-1(12)

NO.	DATE	DESCRIPTION	ENGR.	DEPT. OR DIV.
REVISIONS				
APPR'D				

DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF HONOLULU
DIVISION OF ENGINEERING
WILSON TUNNEL SAFETY IMPROVEMENTS
KOO LAU, OAHU, HAWAII
PHASE I DETOUR PLAN
ENGINEER: J.W. dr DATE: 9/25/80
DRAFTSMAN: A.K. CHECKED BY: D.T.
APPROVED: [Signature] 10/24/80
[Signature] CHIEF, DIVISION OF ENGINEERING

JOB NO. 28-80

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES-063-1(12)	1980	14	44



GENERAL NOTES:

1. THE CONTRACTOR SHALL OBTAIN PERMITS FROM THE CITY DEPARTMENT OF TRANSPORTATION SERVICES AND THE STATE DISTRICT OFFICE 5 DAYS PRIOR TO COMMENCING WORK.
2. ALL PROTECTIVE FACILITIES AND PRECAUTIONS TO BE TAKEN SHALL CONFORM WITH THE "RULES AND REGULATIONS GOVERNING THE USE OF TRAFFIC CONTROL DEVICES AT WORK SITES ON OR ADJACENT TO PUBLIC STREETS AND HIGHWAYS" OF THE HIGHWAY SAFETY COORDINATOR, AND THE FEDERAL HIGHWAY ADMINISTRATIONS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS," PART VI, TRAFFIC CONTROL FOR HIGHWAY CONSTRUCTION AND MAINTENANCE OPERATIONS.
3. A SPECIAL DUTY CITY POLICE OFFICER SHALL BE PROVIDED AT ALL TIMES DURING WORKING HOURS AT EACH END OF THE DETOUR TO DIRECT TRAFFIC.
4. PROTECTIVE DEVICES AND SIGNS SHOWN ARE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL PROVIDE OTHER SAFEGUARDS AS CONDITIONS WARRANT THEM.
5. THE CONTRACTOR SHALL PUBLISH IN A DAILY NEWSPAPER OF GENERAL CIRCULATION, FOR THREE CONSECUTIVE DAYS PRIOR TO THE START OF THE WORK ON EACH TUNNEL, A NOTICE INFORMING THE PUBLIC OF THE PROPOSED TUNNEL SAFETY IMPROVEMENT WORK AND DETOUR. THE NOTICE SHALL CONTAIN BUT NOT BE LIMITED TO THE FOLLOWING INFORMATION.
 - A. DATE ON WHICH WORK SHALL START.
 - B. ESTIMATED NUMBER OF DAYS REQUIRED FOR THE WORK OR DATE ON WHICH WORK IS EXPECTED TO BE COMPLETED.
 - C. DETOUR PATTERN, TWO-WAY TRAFFIC IN DETOUR AREA, AND NEED FOR CAUTION.

PHASE II DETOUR PLAN N.T.S.

6. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT THE TRAFFIC FLOW ON LIKELIKE HWY. IS REVERSIBLE DURING THE CONSTRUCTION; ONE WAY HONOLULU BOUND DURING THE A.M. PEAK TRAFFIC HOURS, ONE WAY KANEOHE BOUND DURING THE P.M. PEAK TRAFFIC HOURS AND TWO WAY DURING OFF PEAK HOURS. THE CONTRACTOR SHALL COORDINATE PLACEMENT OF SIGNS SO THAT ONLY APPLICABLE SIGNS ARE VISIBLE FOR EACH TRAFFIC PATTERN.
7. THE CONTRACTOR SHALL PERIODICALLY PATROL THE ENTIRE LENGTH OF THE DETOUR TO INSURE THAT ALL TRAFFIC CONTROL DEVICES ARE PROPERLY MAINTAINED.

PROJECT NO. HES-063-1(12)

NO.	DATE	DESCRIPTION	ENGR.	DEPT. OR DIV.	APPR'D.
REVISIONS					
DEPARTMENT OF PUBLIC WORKS CITY AND COUNTY OF HONOLULU DIVISION OF ENGINEERING WILSON TUNNEL SAFETY IMPROVEMENTS KOOLAU, OAHU, HAWAII PHASE II DETOUR PLAN ENGINEER: J.W. dv DATE: 9/25/80 DRAFTSMAN: A.K. CHECKED BY: D.T. APPROVED: <i>[Signature]</i> 10/2/80 CHIEF, DIVISION OF ENGINEERING					

JOB NO. 28-80