

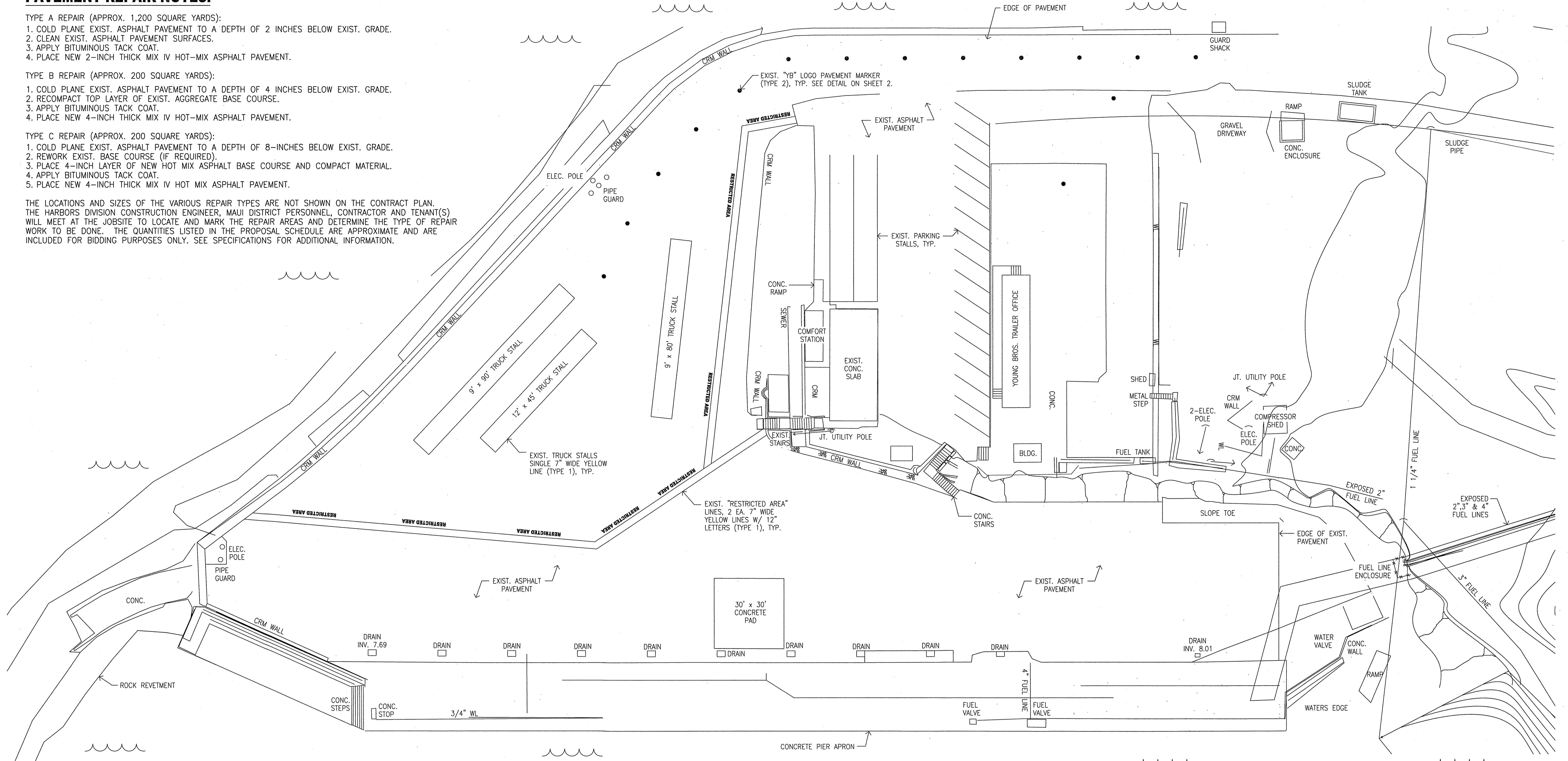
**PAVEMENT REPAIR NOTES:**

- TYPE A REPAIR (APPROX. 1,200 SQUARE YARDS):  
 1. COLD PLANE EXIST. ASPHALT PAVEMENT TO A DEPTH OF 2 INCHES BELOW EXIST. GRADE.  
 2. CLEAN EXIST. ASPHALT PAVEMENT SURFACES.  
 3. APPLY BITUMINOUS TACK COAT.  
 4. PLACE NEW 2-INCH THICK MIX IV HOT-MIX ASPHALT PAVEMENT.

- TYPE B REPAIR (APPROX. 200 SQUARE YARDS):  
 1. COLD PLANE EXIST. ASPHALT PAVEMENT TO A DEPTH OF 4 INCHES BELOW EXIST. GRADE.  
 2. RECOMPACT TOP LAYER OF EXIST. AGGREGATE BASE COURSE.  
 3. APPLY BITUMINOUS TACK COAT.  
 4. PLACE NEW 4-INCH THICK MIX IV HOT-MIX ASPHALT PAVEMENT.

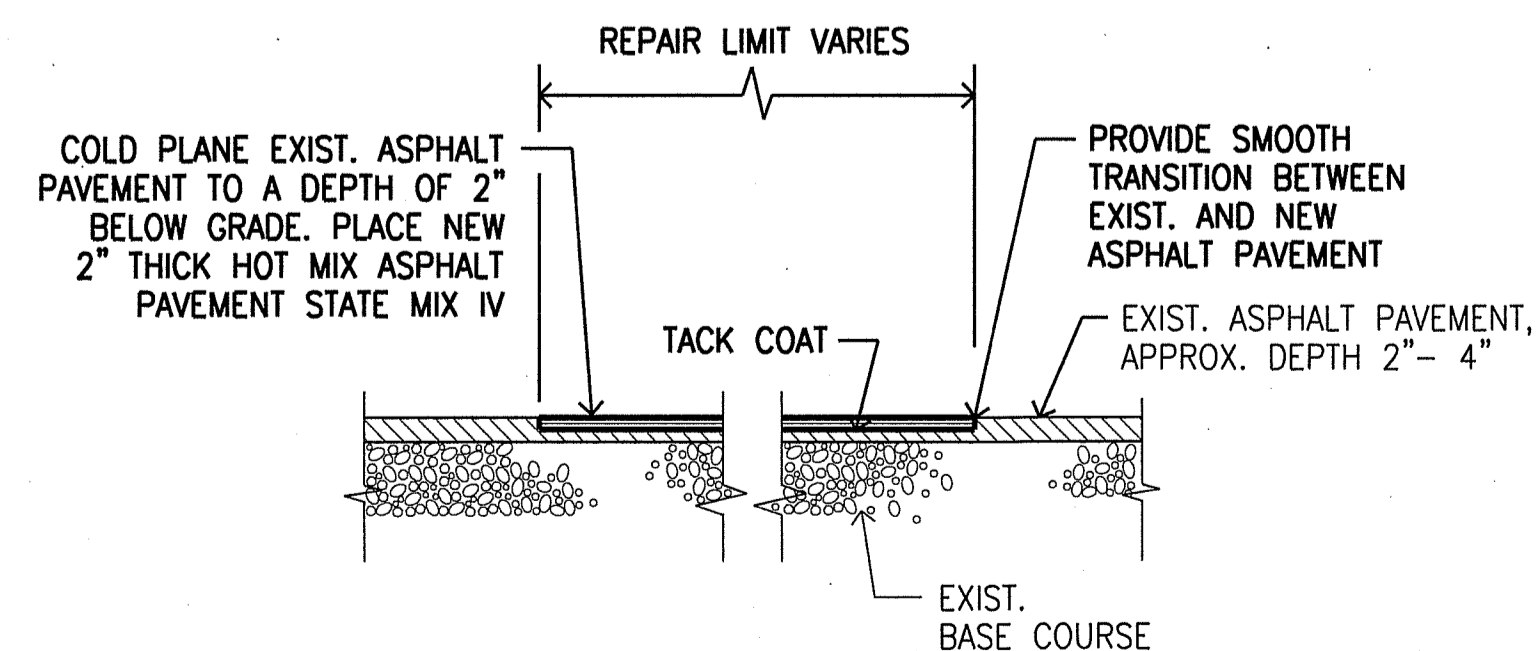
- TYPE C REPAIR (APPROX. 200 SQUARE YARDS):  
 1. COLD PLANE EXIST. ASPHALT PAVEMENT TO A DEPTH OF 8-INCHES BELOW EXIST. GRADE.  
 2. REWORK EXIST. BASE COURSE (IF REQUIRED).  
 3. PLACE 4-INCH LAYER OF NEW HOT MIX ASPHALT BASE COURSE AND COMPACT MATERIAL.  
 4. APPLY BITUMINOUS TACK COAT.  
 5. PLACE NEW 4-INCH THICK MIX IV HOT MIX ASPHALT PAVEMENT.

THE LOCATIONS AND SIZES OF THE VARIOUS REPAIR TYPES ARE NOT SHOWN ON THE CONTRACT PLAN. THE HARBORS DIVISION CONSTRUCTION ENGINEER, MAUI DISTRICT PERSONNEL, CONTRACTOR AND TENANT(S) WILL MEET AT THE JOBSITE TO LOCATE AND MARK THE REPAIR AREAS AND DETERMINE THE TYPE OF REPAIR WORK TO BE DONE. THE QUANTITIES LISTED IN THE PROPOSAL SCHEDULE ARE APPROXIMATE AND ARE INCLUDED FOR BIDDING PURPOSES ONLY. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.



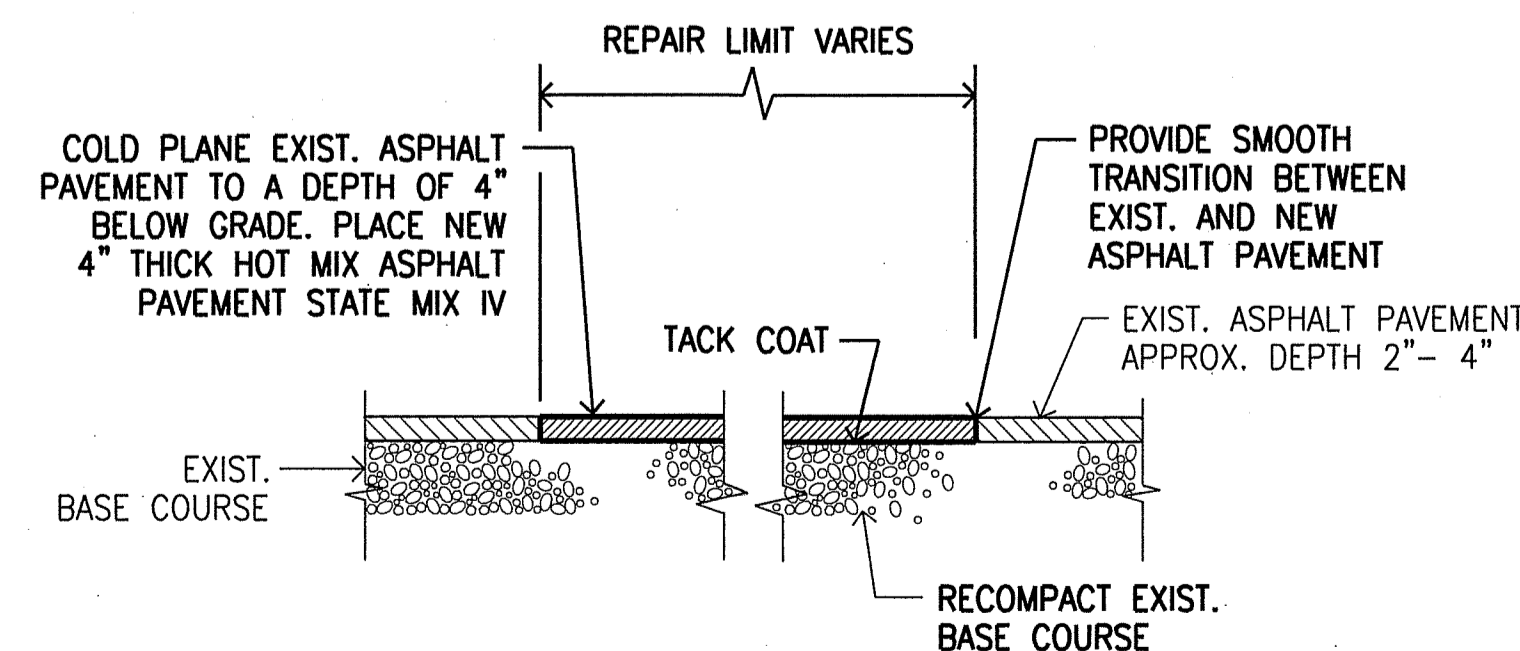
**PARTIAL SITE PLAN - KAUMALAPAU HARBOR**

SCALE: 1"=20'



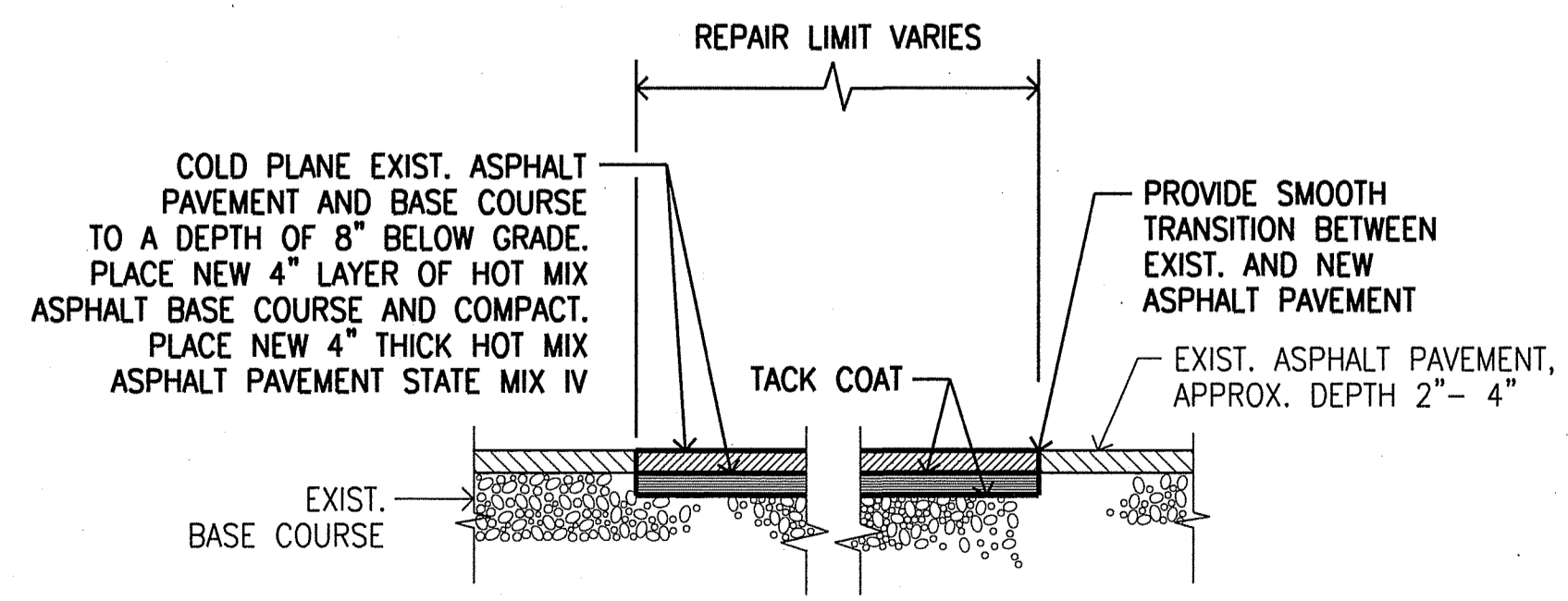
**TYPE "A" PAVEMENT REPAIR DETAIL**

SCALE: 3/8 IN = 1 FT



**TYPE "B" PAVEMENT REPAIR DETAIL**

SCALE: 3/8 IN = 1 FT



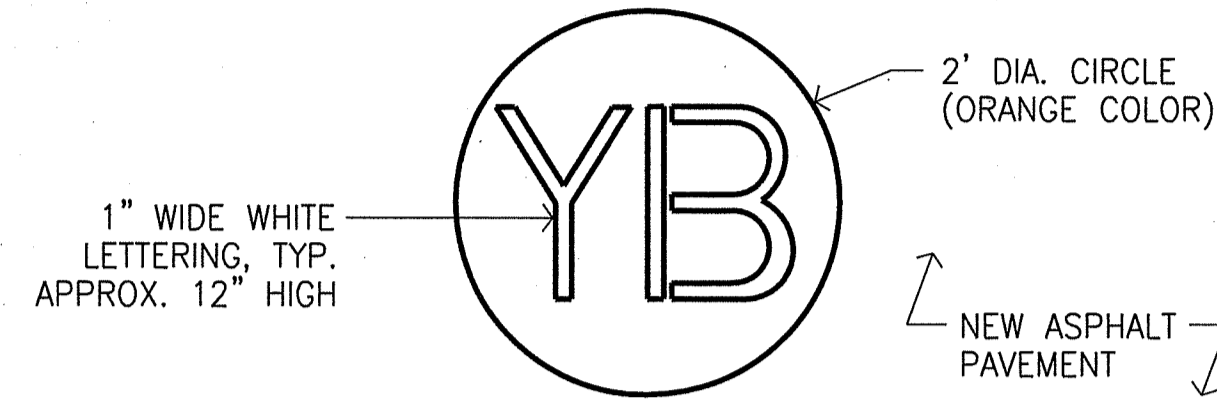
**TYPE "C" PAVEMENT REPAIR DETAIL**

SCALE: 3/8 IN = 1 FT

REV	DATE	DESCRIPTION	BY	APPROVED
STATE OF HAWAII <b>DEPARTMENT OF TRANSPORTATION</b> HARBORS DIVISION				
JOB TITLE <b>PAVEMENT REPAIRS AT KAUMALAPAU HARBOR</b> LANAI, HAWAII				
SHEET TITLE <b>SITE PLAN, PAVEMENT REPAIR DETAILS &amp; NOTES</b>				
SUBMITTED BY: <i>Paul Adams</i>		RECOMMENDED BY: <i>[Signature]</i>		
DESIGNED BY: EL		APPROVED BY: <i>[Signature]</i>		
DRAWN BY: EL		HARBORS ADMINISTRATOR		
CHECKED BY: AF		JOB NUMBER		
DATE: AUG 2021		<b>H.C. 30201</b>		
SCALE: AS SHOWN		1 OF 2 SHTS.		
FOR QUESTIONS, CONTACT HARBORS ENGINEERING MAINTENANCE AT 587-1877				

H. C. 30201- PAVEMENT REPAIRS AT KAUMALAPAU HARBOR, LANAI, HAWAII

NOTE: CONTRACTOR SHALL VERIFY IN FIELD THE EXACT DIMENSIONS AND QUANTITY OF NEW "YB" LOGO PAVEMENT MARKERS. MARKERS SHALL BE PLACED APPROX. 25' APART TO MATCH LAYOUT OF EXIST. MARKERS. SEE PROJECT SPECIFICATIONS FOR NEW PAINT MATERIAL INFORMATION.



**YB LOGO PAVEMENT MARKER DETAIL**  
NOT TO SCALE

**GENERAL NOTES:**

1. THE CONTRACTOR SHALL VERIFY CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND THE START OF WORK. EXISTING CONDITIONS ARE BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL MAKE NO CLAIM FOR EXTRA COMPENSATION SHOULD ACTUAL EXISTING CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLAN.
2. THE CONTRACTOR SHALL EXERCISE CAUTION TO PREVENT DAMAGE TO EXISTING STRUCTURES, UTILITIES AND EQUIPMENT IN THE PROJECT AREA.
3. THE CONTRACTOR SHALL COORDINATE ITS WORK WITH THE HARBORS DIVISION MAUI DISTRICT MANAGER AND THE CONSTRUCTION ENGINEER SO AS TO MINIMIZE INTERFERENCE WITH HARBOR OPERATIONS AND TENANTS.
4. THE EXACT LIMITS OF THE AREAS TO BE REPAIRED SHALL BE DETERMINED IN THE FIELD BY THE HARBORS DIVISION CONSTRUCTION ENGINEER AND THE CONTRACTOR. THE QUANTITIES LISTED ON SHEET 1 ARE APPROXIMATE AND ARE INCLUDED FOR BIDDING PURPOSES ONLY.
5. WORK SHALL BE DONE IN INCREMENTS TO ACCOMMODATE CONTINUOUS ACCESS AND USE OF HARBOR AREAS. CONTRACTOR WILL NOT BE ALLOWED TO WORK WHEN A FUEL BARGE IS BERTHED AT THE FACILITY. NO WORK SHALL BE PERFORMED DURING ANY OTHER SCHEDULED VESSELS OR CONTAINER BARGES MOORING AT THE PIER. USE WWW.HAWAII.PORTCALL.COM TO VIEW SCHEDULED VESSELS. THE EXACT SCHEDULE WILL BE ESTABLISHED AT THE PRE-CONSTRUCTION MEETING. HARBOR OPERATIONS SHALL TAKE PRECEDENCE OVER CONTRACTOR'S ACTIVITIES. WEEKEND WORK MAY BE PERFORMED TO FACILITATE REPAIRS.
6. THE CONTRACTOR SHALL COMPLY WITH THE CLEAN WATER ACT AND THE STATE HARBORS DIVISION STORMWATER MANAGEMENT PROGRAM. NO POLLUTANTS ARE ALLOWED TO BE DISCHARGED DIRECTLY OR INDIRECTLY THROUGH THE HARBORS SMALL MS4 OR OTHER POTENTIAL PATHWAYS INTO HARBOR WATERS.
7. THE CONTRACTOR SHALL SUBMIT A SITE-SPECIFIC BEST MANAGEMENT PRACTICES (BMP) PLAN TO THE HARBORS ENGINEERING BRANCH PRIOR TO THE START OF ANY CONSTRUCTION WORK.
8. IN CASE OF A SPILL, LEAK OR OTHER RELEASE CONTAINING A HAZARDOUS SUBSTANCE OR OIL, THE CONTRACTOR SHALL NOTIFY APPROPRIATE FACILITY PERSONNEL, EMERGENCY RESPONSE AGENCIES, AND REGULATORY AGENCIES FOLLOWING NOTIFICATION PROCEDURES, AND SHALL NOTIFY THE HARBORS CONSTRUCTION ENGINEER IMMEDIATELY (i.e., WITHIN 24-HOURS). SUCH CONTACT INFORMATION MUST BE IN LOCATIONS THAT ARE READILY ACCESSIBLE AND AVAILABLE.
9. SEE THE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

REV	DATE	DESCRIPTION	BY	APPROVED
STATE OF HAWAII <b>DEPARTMENT OF TRANSPORTATION</b> HARBORS DIVISION				
JOB TITLE <b>PAVEMENT REPAIRS AT KAUMALAPAU HARBOR</b> LANAI, HAWAII				
SHEET TITLE <b>YB LOGO PAVEMENT MARKER DETAIL, GENERAL NOTES</b>				
SUBMITTED BY: <i>Donald Roberts</i> SECTION HEAD		RECOMMENDED BY: <i>[Signature]</i> ENGINEERING PROGRAM MANAGER		
DESIGNED BY: EL	APPROVED BY: <i>[Signature]</i> HARBORS ADMINISTRATOR		SHEET <b>2</b>	
DRAWN BY: EL	JOB NUMBER <b>H.C. 30201</b>		2 OF 2 SHTS.	
CHECKED BY: AF				
DATE: AUG 2021				
SCALE: AS SHOWN				