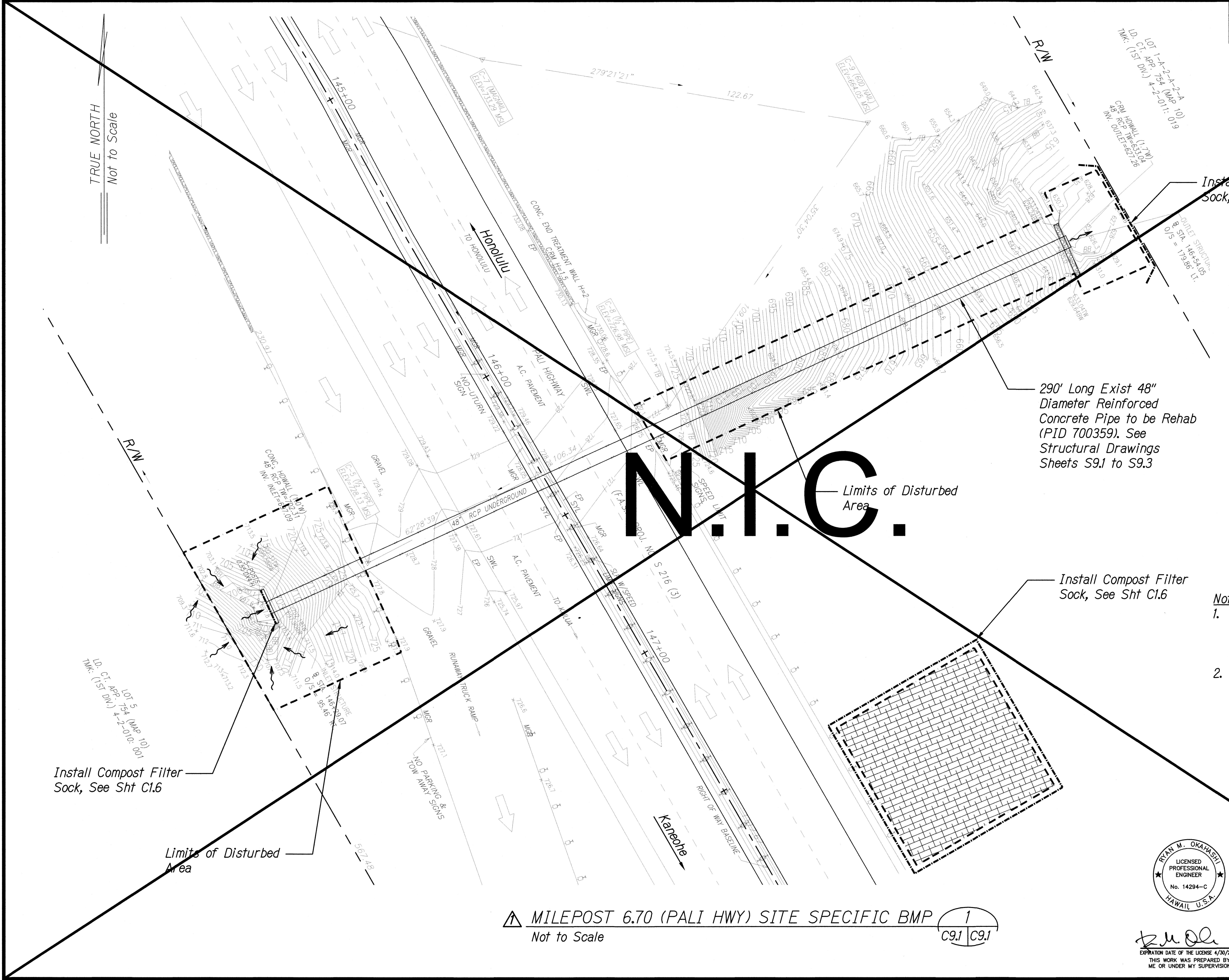


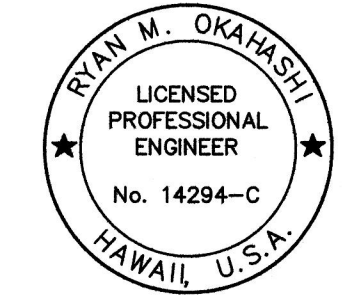
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-18	2018	ADD 75	93



- Notes:**
1. Proposed BMP plan is provided to show general intent. Contractor shall submit BMP plan for review and approval by the Engineer prior to performing the work.
 2. BMP's shall be in place and functional prior to the start of construction work and in accordance with sheet C1.6 and manufacturer's recommendations, whichever is more stringent.

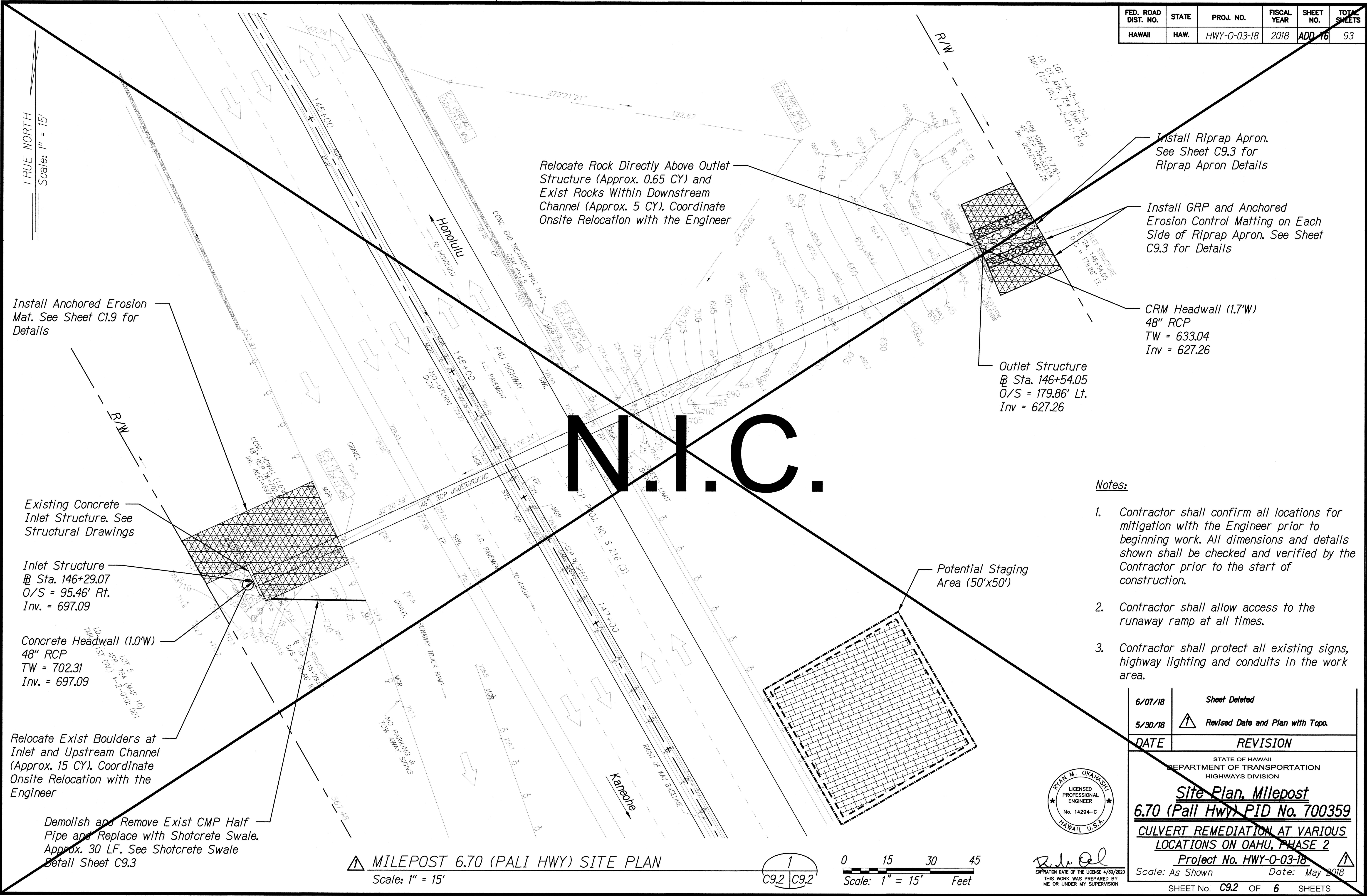
6/07/18	Sheet Deleted
5/30/18	Revised Date and Plan with Topo.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
Site Specific BMP, Milepost 6.70 (Pali Hwy) PID No. 700359	
CULVERT REMEDIATION AT VARIOUS LOCATIONS ON OAHU, PHASE 2	
Project No. HWY-0-03-18	
Scale: As Shown	Date: May 2018
SHEET No. C9J OF 6 SHEETS	

▲ MILEPOST 6.70 (PALI HWY) SITE SPECIFIC BMP
Not to Scale



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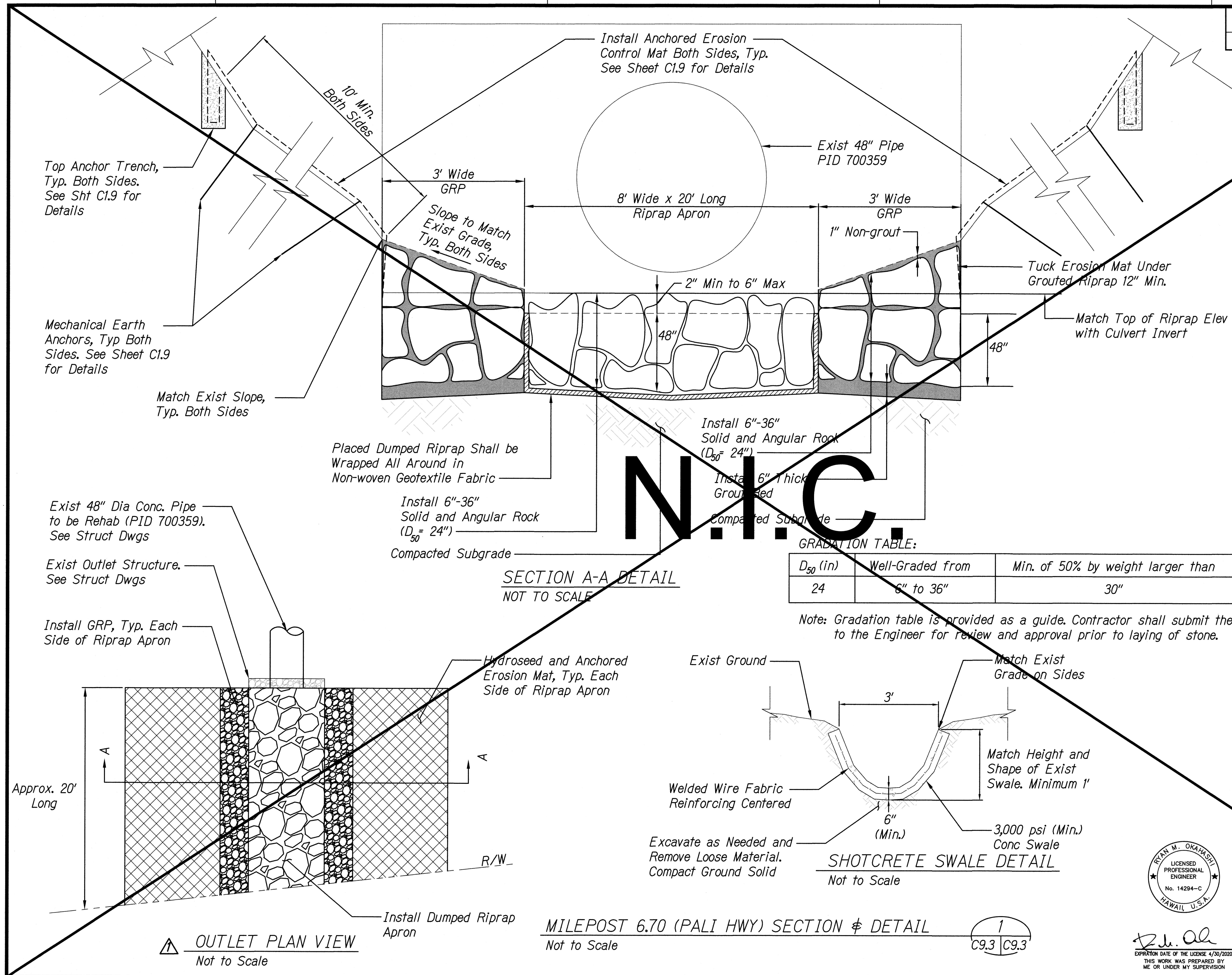
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-18	2018	ADD 76	93



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-18	2018	ADD. 77	93

Erosion Mat Notes:
 1. Erosion mat areas are shown in plan view and are approximate. Contractor shall coordinate actual limits with the Engineer in the field.

Riprap Notes:
 1. Prior to laying stones, Contractor shall notify the Engineer 3 working days in advance for inspection of foundation bed. Work shall commence only after foundation is acceptable to the Engineer.
 2. See gradation table this sheet as a guide.

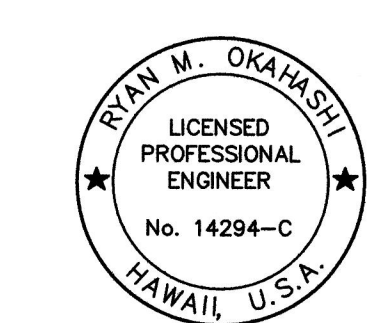


GRADATION TABLE:

D ₅₀ (in)	Well-Graded from	Min. of 50% by weight larger than	Max. of 10% by weight smaller than
24	6" to 36"	30"	8"

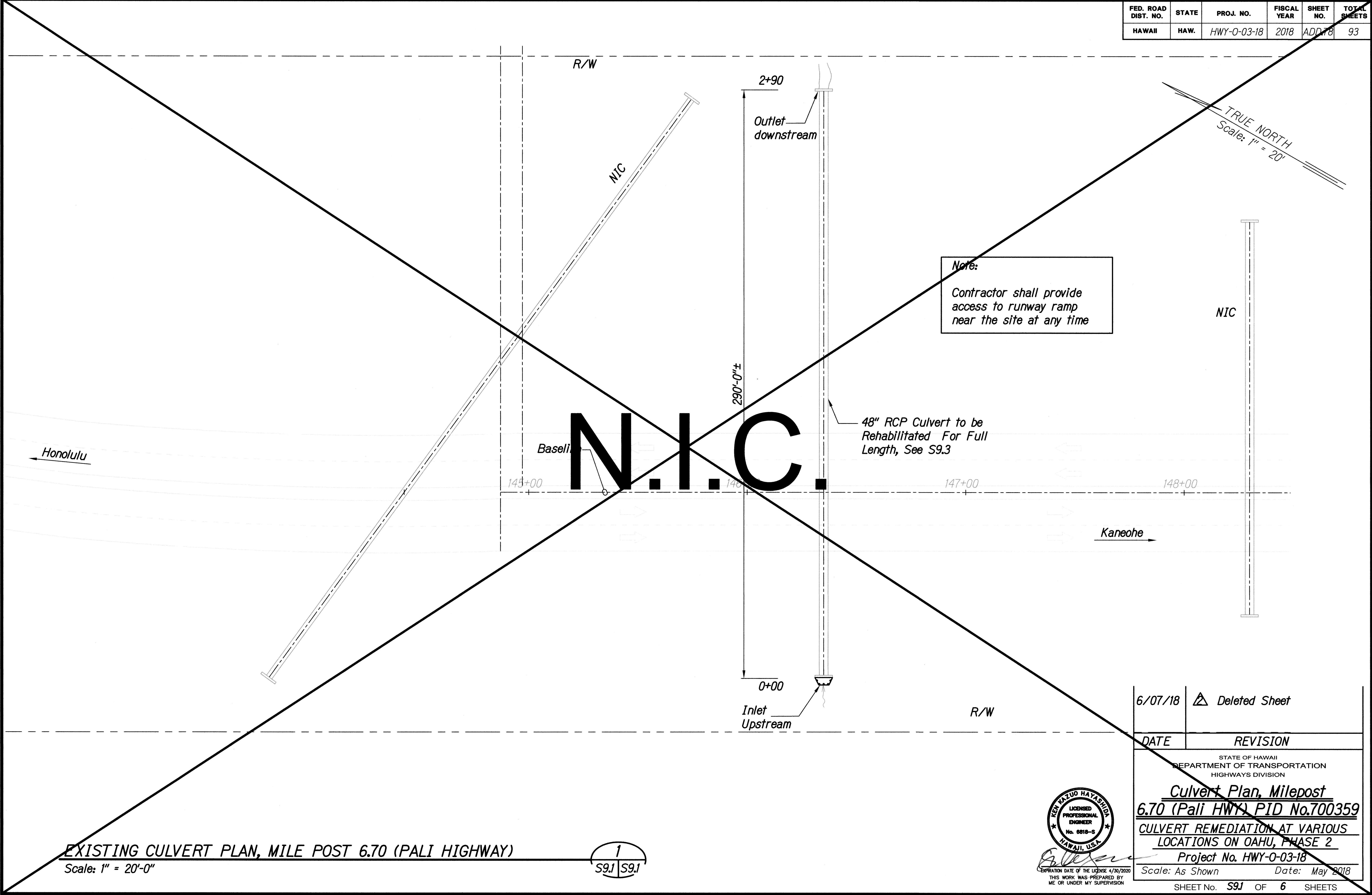
Note: Gradation table is provided as a guide. Contractor shall submit the well-graded stone gradation to the Engineer for review and approval prior to laying of stone.

6/07/18	Sheet Deleted
5/30/18	Revised Date and Plan with Topo.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION Section & Detail, Milepost 6.70 (Pali Hwy) PID No. 700359 CULVERT REMEDIATION AT VARIOUS LOCATIONS ON OAHU, PHASE 2 Project No. HWY-0-03-18	
Scale: As Shown	Date: May 2018
SHEET No. C9.3 OF 6 SHEETS	



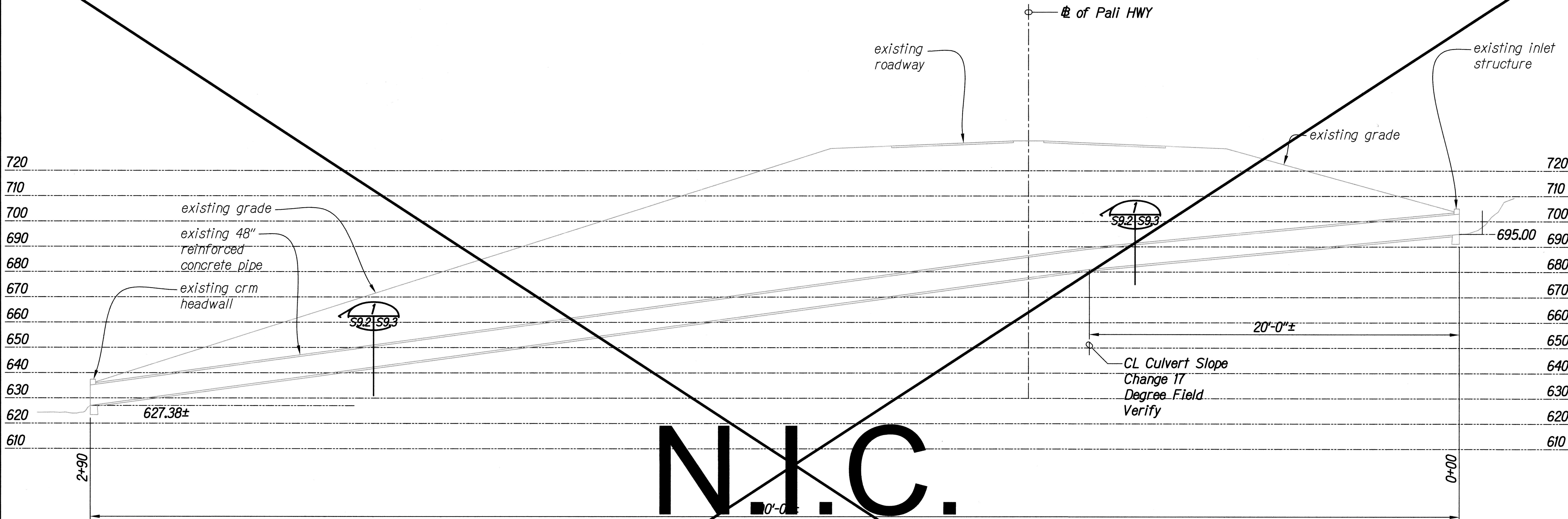
R.W. Okahashi
 EXPIRATION DATE OF THE LICENSE 4/30/2020
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FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-18	2018	ADD. 78	93



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FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-18	2018	ADD.79	93

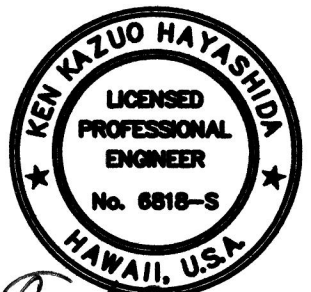


EXISTING CULVERT LONGITUDINAL SECTION, MILEPOST 6.70 (PALI HIGHWAY)

Scale: 1" = 10'-0"

Note:

Slip lining might need to be conducted from the outlet side due to the angle change. Slope and angles shown in the drawings are based on the as-built drawings and shall be field verified. Contractor to transfer 140 LF of Slip lining pipe from Halawa HDOT base yard to the site. The cost of transportation should be incidental to other pay items. Contractor to order required remaining material for completion of work

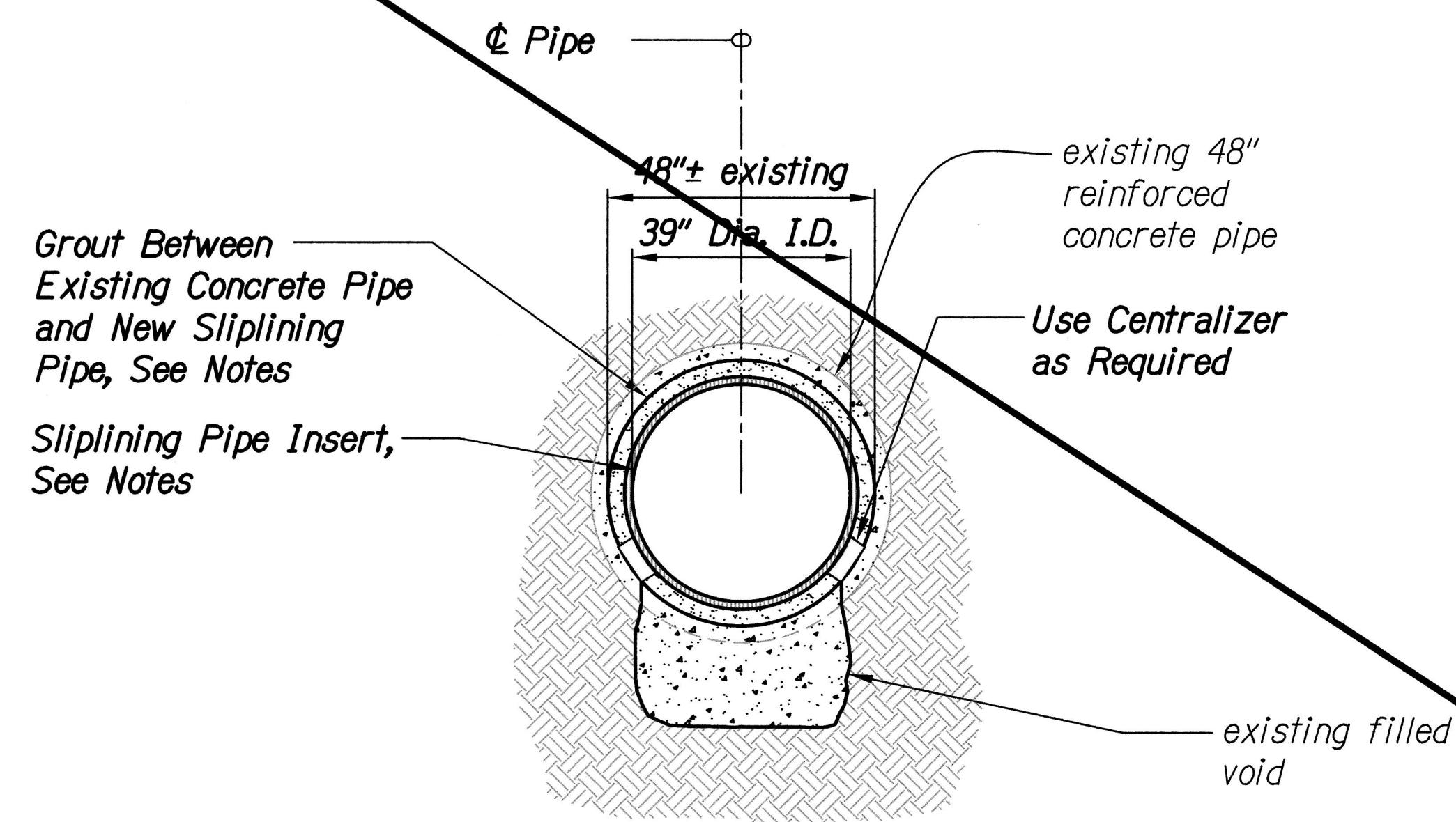


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DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
Culvert Section, Milepost 6.70 (Pali HWY) PID No.700359	
CULVERT REMEDIATION AT VARIOUS LOCATIONS ON OAHU, PHASE 2	
Project No. HWY-0-03-18	
Scale: As Shown	Date: May 2018
SHEET No. 59.2 OF 6 SHEETS	

ADD.79

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-18	2018	ADD 80	93



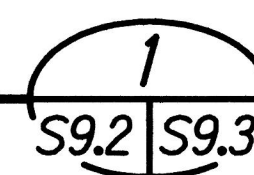
Notes:

1. Contractor shall slip line the pipe with High Density Polyethylene Pipe (HDPE).
2. Contractor to provide shop drawings, grouting method.

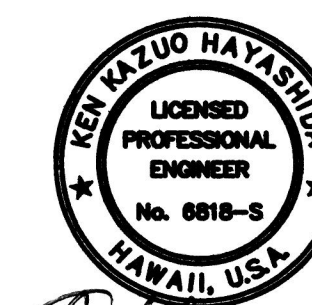
N.I.C.

TYPICAL PIPE REPAIR AND SLIPLINE DETAIL

Scale: 1" = 2'-0"



6/07/18	Deleted Sheet
5/30/18	Revised Notes
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
Culvert Repair Detail, M.P.	
6.70 (Pali HWY) PID No.700359	
CULVERT REMEDIATION AT VARIOUS LOCATIONS ON OAHU, PHASE 2	
Project No. HWY-0-03-18	
Scale: As Shown	Date: May 2018
SHEET No. S9.3 OF 6 SHEETS	



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ADD. 80