

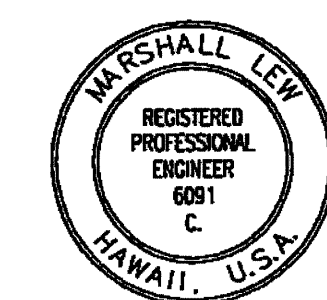
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-15(20)	2010	12	33

TEMPORARY BENCH MARK
NAIL (SET)
13,127.30 FT. NORTH
21,412.49 FT. WEST
ELEVATION = 158.66
REFERRED TO MEAN SEA LEVEL

QUEEN KAAHUMANU HIGHWAY
(FEDERAL AID PROJECT NO. 19 BC-01-71)

QUEEN KAAHUMANU HIGHWAY, ROUTE 19, MP 73.3
SCALE: 1" = 10'-0"

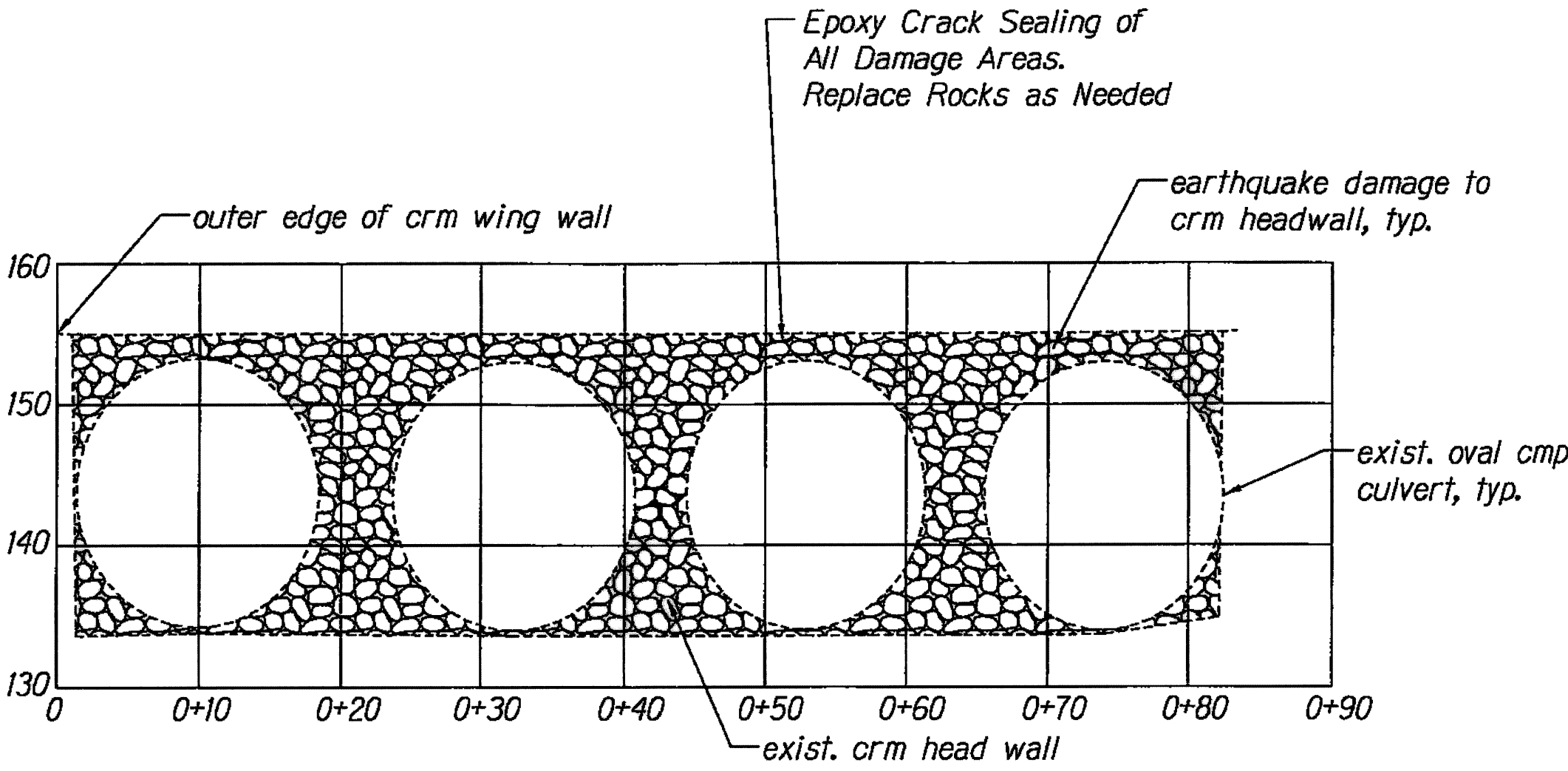
SURVEY PLOTTED BY	DATE
DRAWN BY	8/20/10
NOTED BY	
CHECKED BY	



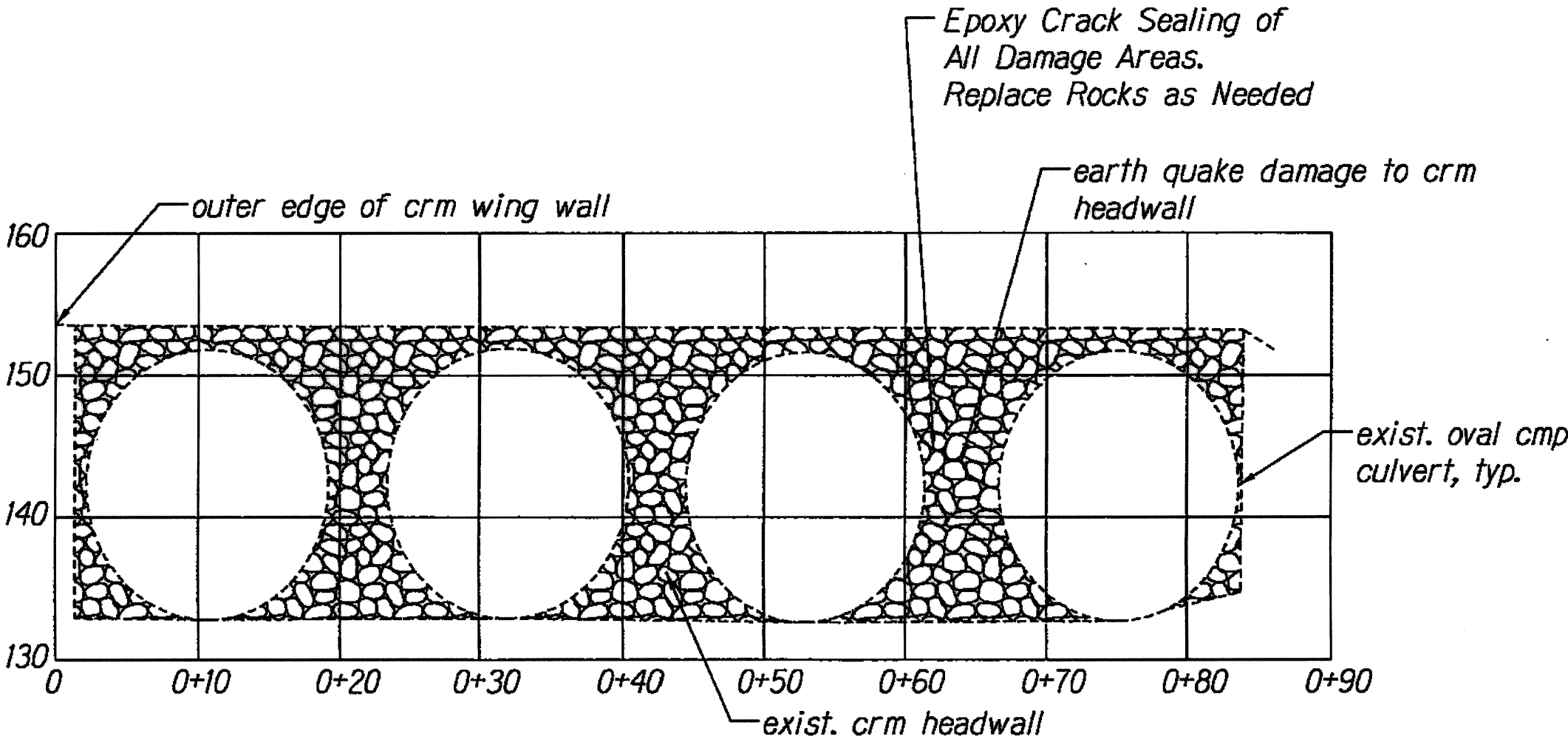
This work was prepared by me or under my supervision and construction of this project will be under my observation.
Marshall Lew
signature expiration date of the license 4/30/12

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN FOR MP 73.3
EMERGENCY EARTHQUAKE
ROCKFALL REPAIRS
VARIOUS LOCATIONS ON HAWAII, UNIT 2
FEDERAL AID PROJECT NO. ER-15(20)
Scale: AS NOTED Date: NOVEMBER 2010
SHEET No. C-10 OF 33 SHEETS



SOUTHEAST ELEVATION
SCALE: 1" = 10'-0"



NORTHWEST ELEVATION
SCALE: 1" = 10'-0"

LOCATION AND QUANTITY OF DAMAGE TO EXISTING CRM HEAD WALL

SOUTHEAST CRM HEAD WALL

STATION* (FT.)	ELEVATION (FT.)	QUANTITY (SQ. FT.)
0+12.5	154.0	8
0+22.5	141.7	6
0+35.0	153.5	5
0+42.5	144.0	15
0+51.0	154.0	6
0+71.0	153.5	15

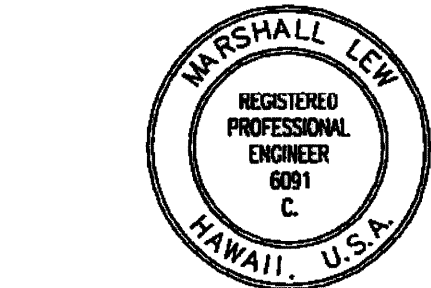
NORTHWEST CRM HEAD WALL

STATION* (FT.)	ELEVATION (FT.)	QUANTITY (SQ. FT.)
0+64.0	143.5	6

*STATION 0+00 IS FROM THE TOP OUTER EDGE OF THE CRM WING WALL

QUEEN KAAHUMANU HIGHWAY, ROUTE 19, MP 73.3
SCALE: 1" = 10'-0"

SURVEY PLOTTED BY	DATE
DRAWN BY	8/20/10
TRACED BY	
CHECKED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	



This work was prepared by me or under my supervision and construction of this project will be under my observation.

signature *Marshall Lew* 4/30/12
expiration date of the license

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ELEVATIONS FOR MP 73.3
EMERGENCY EARTHQUAKE
ROCKFALL REPAIRS
VARIOUS LOCATIONS ON HAWAII, UNIT 2
FEDERAL AID PROJECT NO. ER-15(20)
Scale: AS NOTED Date: NOVEMBER 2010

SHEET No. C-11 OF 33 SHEETS