

STATE OF UTAH MSE WALL INSPECTION FORM

Compiled As Part of Research By The Utah Department of Transportation

Instructions:

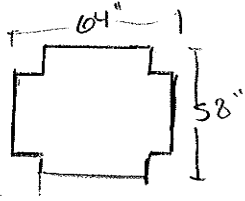
- 1- Fill out required sections for MSE Wall Inspector and Wall Characteristics.
- 2- Inspect the wall using the attached form. Questions that require a 'Yes' answer should be documented by noting the extent of the problem in the right most column and photo documentation. Photo documentation should consist of wall or bridge number, nature of problem, date, photo number for wall, and a size reference, which should be indicated in the photo (white board/paper). Photos taken should be placed on the Top View layout and indicated with the appropriate number. Note should be taken by the inspector that often anomalies are due to construction and should be distinguished from those that are a result of post-construction. If it is observable that they existed at the time of construction note should be taken in the space provided for drawings.
- 3- Shoot digital photos of the entire wall. This may require the use of a variety of shots and angles on each wall to cover the wall in its entirety.
- 4- Indicate Layout of MSE Wall in respect to major intersections, roadways, potential hazards, irrigation, vegetation, locations of conditions for which 'Yes' was marked, etc. in space provided below. Also Indicate approximate GPS Coordinates of Site of Interest in space provided below

Inspector Information

Inspection Date	7/25/07	Names Of Inspectors	Ryan Maw, Holly Griffin
Region	1	Identifying Road/Intersection	SR-91

MSE WALL CHARACTERISTICS

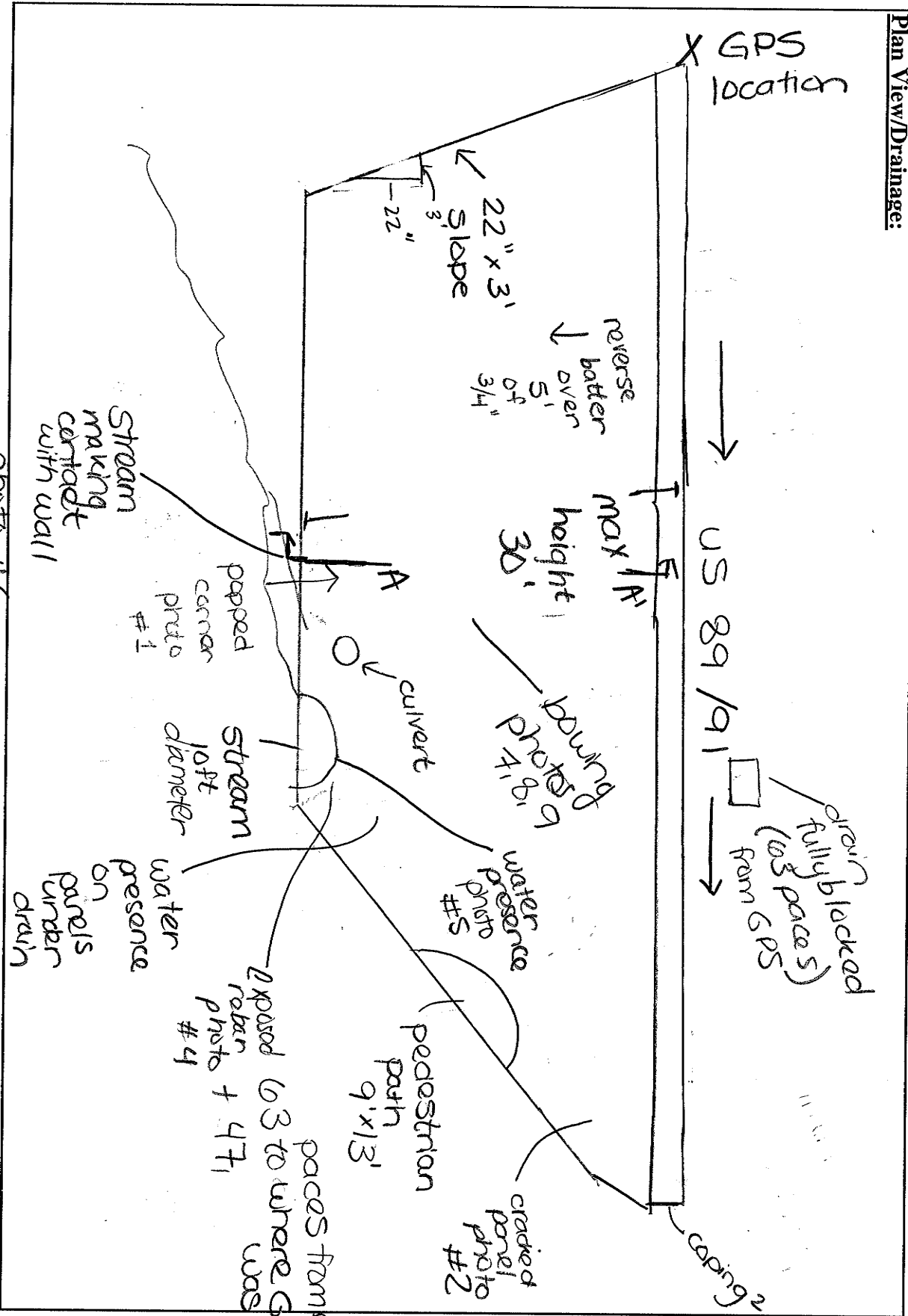
MSE Wall at Bridge	Y <input checked="" type="radio"/> N	Bridge Number if applicable: N/A	Wall Number	R-281
Surrounding Structures	N/A		Maximum Height of Wall (ft)	30'
Distance to Each Structure	N/A		One Stage, Two Stage or Block Wall	one stage
State Route Number	SR 91/89		Estimated Max Length of Wall Abutment:	110 paces x 2.17 ft
Approximate Mile Marker	6		Max Slope of Ground in front of wall:	22" x 3'
GPS Datum	WGS/84, NAD/83, or NAD/27		Max Height of wall burial line above surrounding level ground:	30'
MSE Wall GPS Coordinates (Location of Measurement shown on plan view)	N 41° 29.827 W 111° 57.426		Please draw rough layout of panel with approximate dimensions in space provided below:	
If known, Panel or System Manufacturer	VSL		8x64	



Summary of Key Observations:

creek eroding wall
 creek in contact w/wall
 bowing present in center of wall
 leaking observed - likely due to blocked drain

Plan View/Drainage:



total wall : 63 + 47 paces

@ 2.17 paces

photo #6

photo #3

Stream making contact with wall

popped corner photo #1

stream 10ft diameter

water presence on panels under drain

2 exposed 63 to where GPS was taken photo #4

pedestrian path 9'x13'

cracked panel photo #2

22" x 3' slope

reverse batter down 5' of 3/4"

max height 30'

bowling photo #9

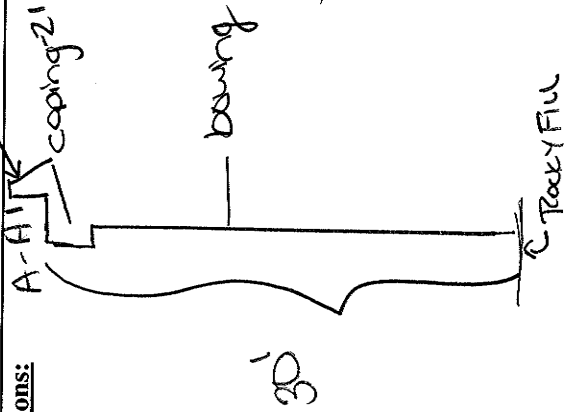
water presence photo #5

coping 2

drain fully blocked (63 paces) from GPS

Jersey Barrier

Cross Sections:



Cross Sections:

