

# 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

Region	2	Identifying Road/Intersection	Cotton & Adams 300W & 700W
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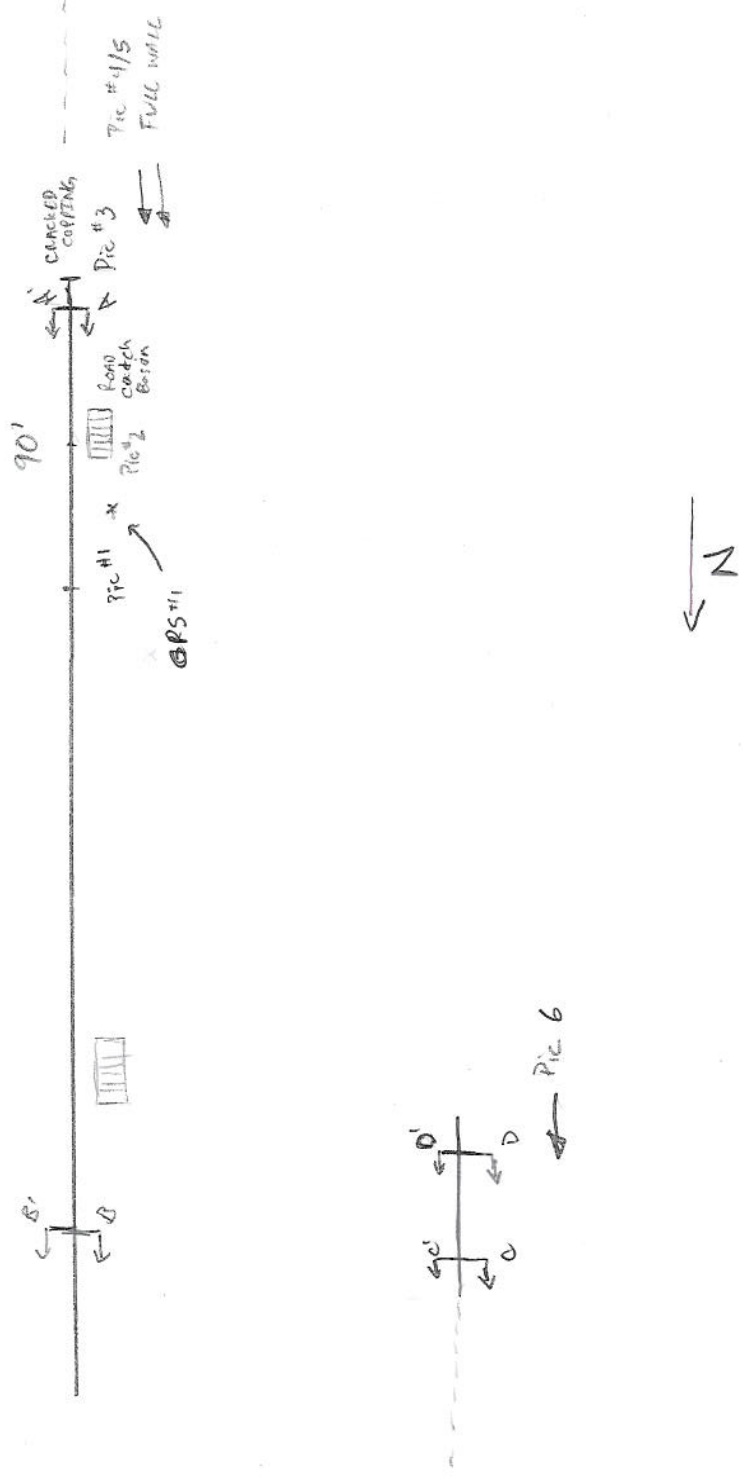
## MSE WALL CHARACTERISTICS

MSE Wall at Bridge	Y <input checked="" type="radio"/> N	Bridge Number if applicable:	---	Wall Number	R-351-27
Surrounding Structures	none		Maximum Height of Wall (ft)	18'	
Distance to Each Structure	---		One Stage, Two Stage or Block Wall	Two	
State Route Number	---		Estimated Max Length of Wall Abutment:	460' + 120'	
Approximate Mile Marker	---		Max Slope of Ground in front of wall:	Flat 2:1	
GPS Datum	WGS/84, NAD/83, or NAD/27		Max Height of wall burial line above surrounding level ground:	N/A	
MSE Wall GPS Coordinates (Location of Measurement shown on plan view)	40°46' 29.82" N 111°59' 40.29" W		Please draw rough layout of panel with approximate dimensions in space provided below:		
If known, Panel or System Manufacturer	---		<div style="border: 1px solid black; width: 150px; height: 80px; margin: 0 auto; position: relative;"> <span style="position: absolute; top: -20px; left: 50%; transform: translate(-50%, -50%); font-size: 24px;">10'</span> <span style="position: absolute; right: -20px; top: 50%; transform: translateY(-50%); font-size: 24px;">5'</span> </div>		

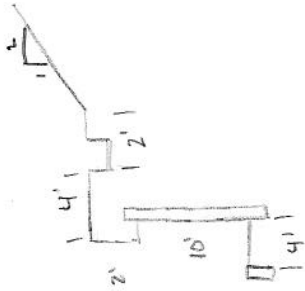
**Summary of Key Observations:**

- back fill coming out of joints

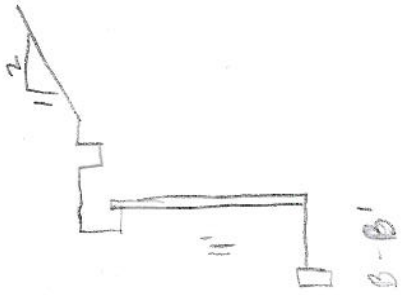
**Plan View/Drainage:**



Cross Sections:

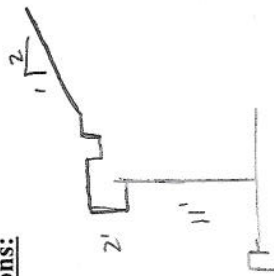


A - A'

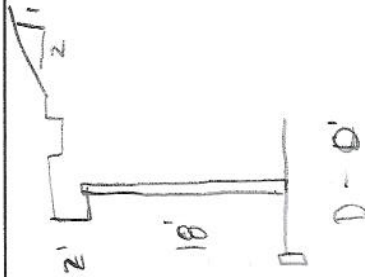


B - B'

Cross Sections:



C - C'



D - D'



