



## VIEWSHED ANALYSIS



## CONCEPT:

The I-5 Willamette River Bridge project resides in the transition between the foothills to the south and the valley floor to the north. Two sound walls will be built. A southbound sound wall, located west of I-5, south of the Willamette River, and a northbound sound wall located east of I-5 and north of the Willamette River. Sound wall construction will consist of rough-hewn concrete masonry unit block.

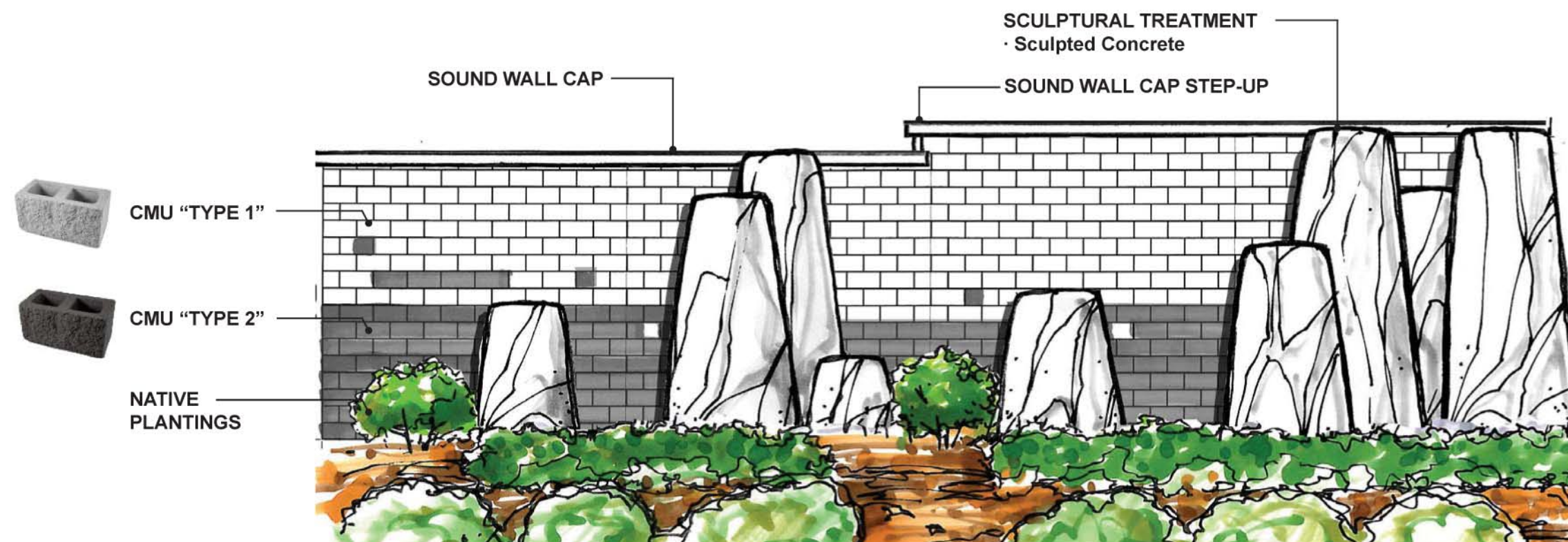
Sound walls design enhancement goals:

- Reflect passage through the local geology of the southern Willamette Valley.
- Embrace the variable speeds and sounds of travel along I-5.
- Incorporate concept ideas generated from February 2009 design workshops.
- Blend with other design enhancements and project theme.

Sound wall design enhancement concept:

- Create an undulating, pixelated representation of a sound wave as it travels from foothills to valley floor (highway side).
- Develop geometrically-shaped forms that gesture to local geologic forms, such as Judkins Point, Coburg Hills, Mount Pisgah, Laurel Hill (neighborhood side).

Enhancements viewed from the highway side will use contrasting shades of CMU block. A pixelated articulation undulates as the wall is experienced from travel in either direction. Highway-side enhancements may be applied to the northbound sound wall.



SOUND WALL: Neighborhood Side (Laurel Hill Valley Citizens Neighborhood)

# SOUND WALLS: CONCEPT, VIEWSHED ANALYSIS AND NEIGHBORHOOD ILLUSTRATIVE ELEVATION

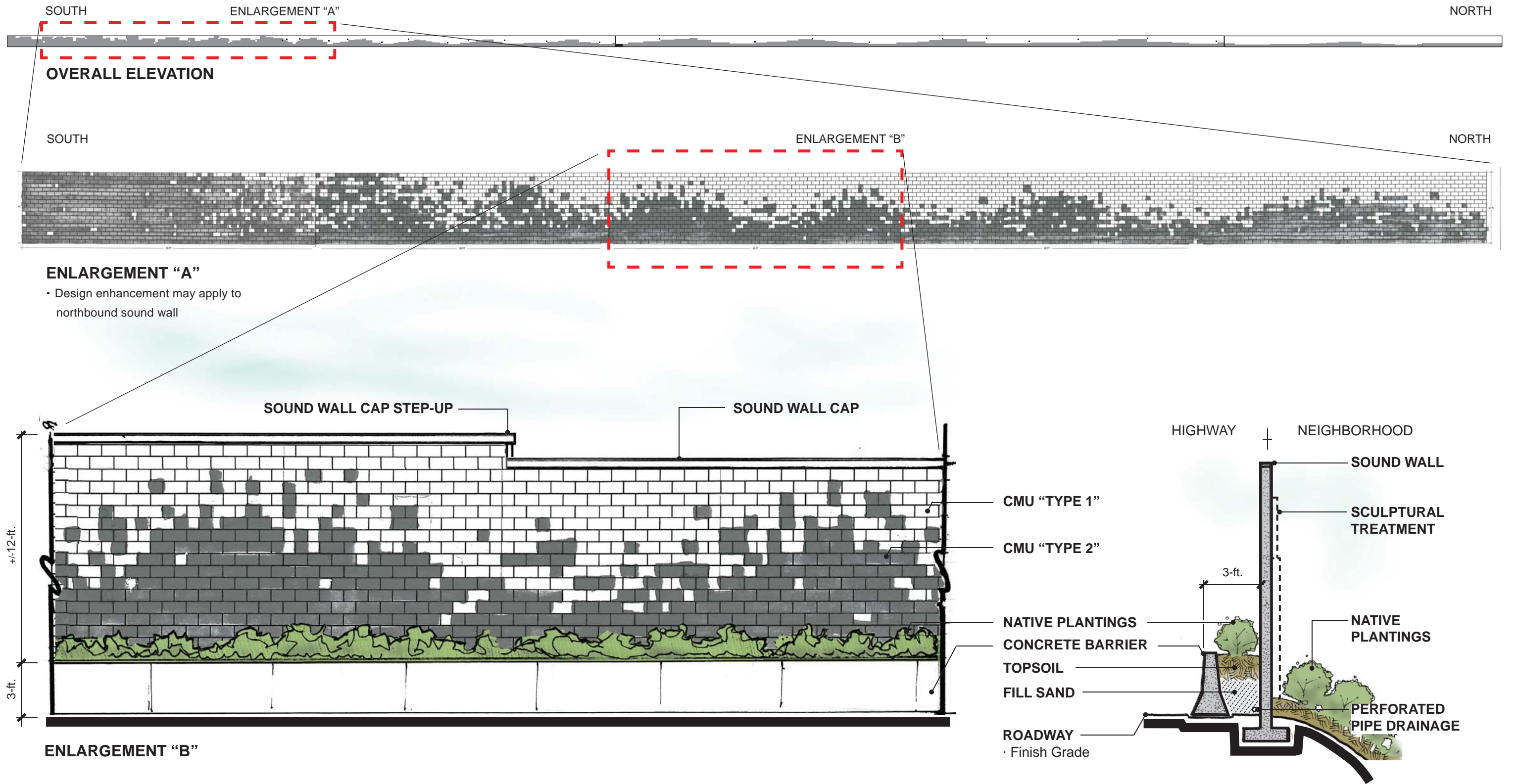
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**CMC**  
**G&S** CAMERON McCARTHY  
GILBERT & SCHEIBE  
Landscape Architects LLP

I-5 Willamette River  
Bridge

Oregon  
Department  
of Transportation

OTIA  
OREGON TRANSPORTATION INVESTMENT ACT



# SOUND WALLS: HIGHWAY ILLUSTRATIVE SECTION AND ELEVATIONS

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**CMC & S** CAMERON McCARTHY  
GILBERT & SCHEIBE  
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