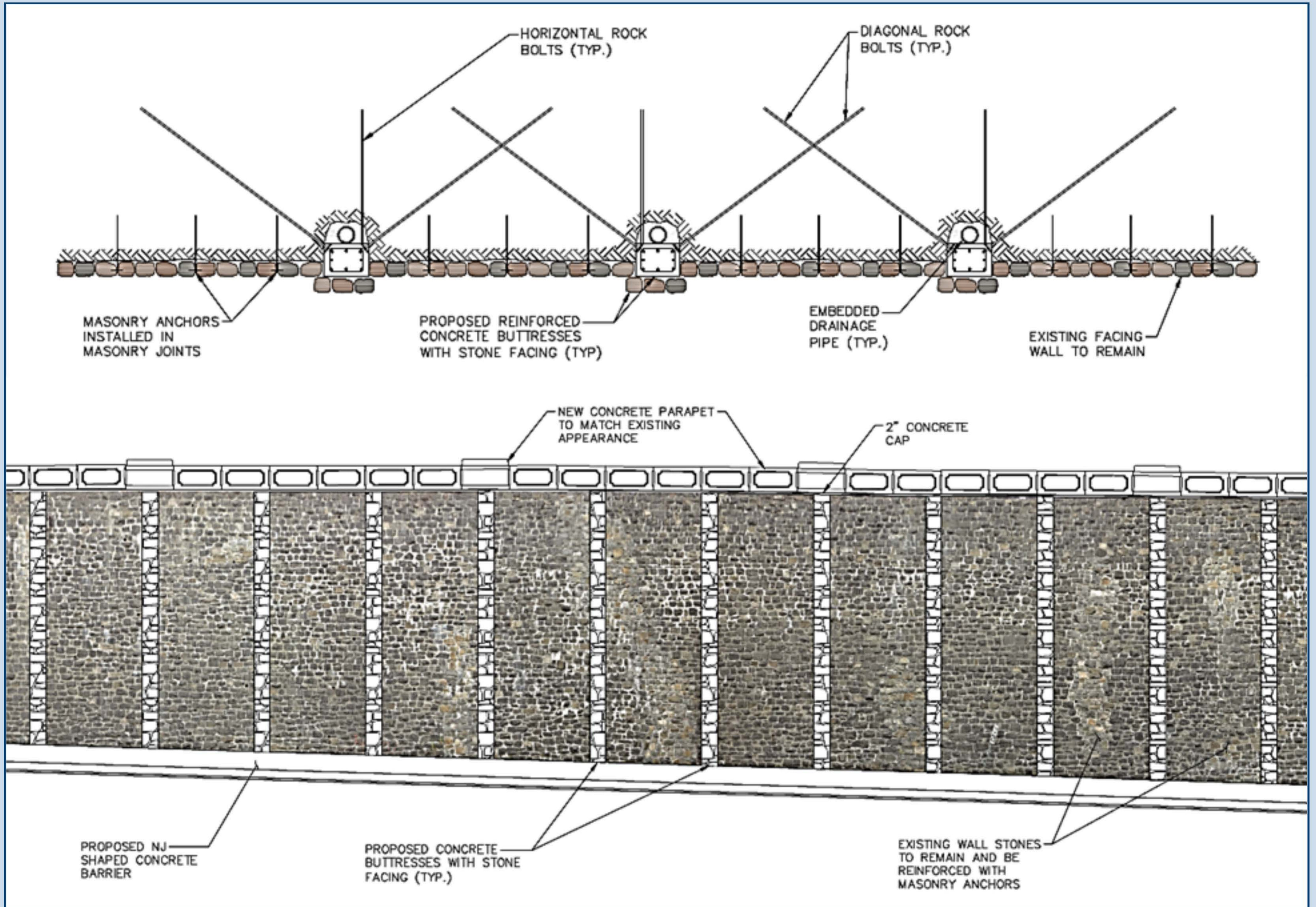


Repair Alternative #1B

In Place Rehabilitation with Slope Stabilization



BENEFITS:

- Minimizes wall demolition.
- Reinforces the rock cliff behind the existing wall to prevent fractures.
- Enables installation of new drainage system behind wall.

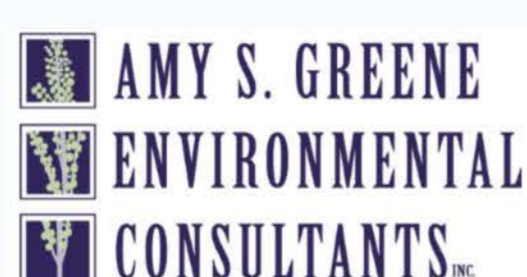
DRAWBACKS:

- Modifies existing appearance of wall.
- Requires significant rock excavation to provide enough set-back for buttresses to avoid encroaching on roadway.

VOTE HERE

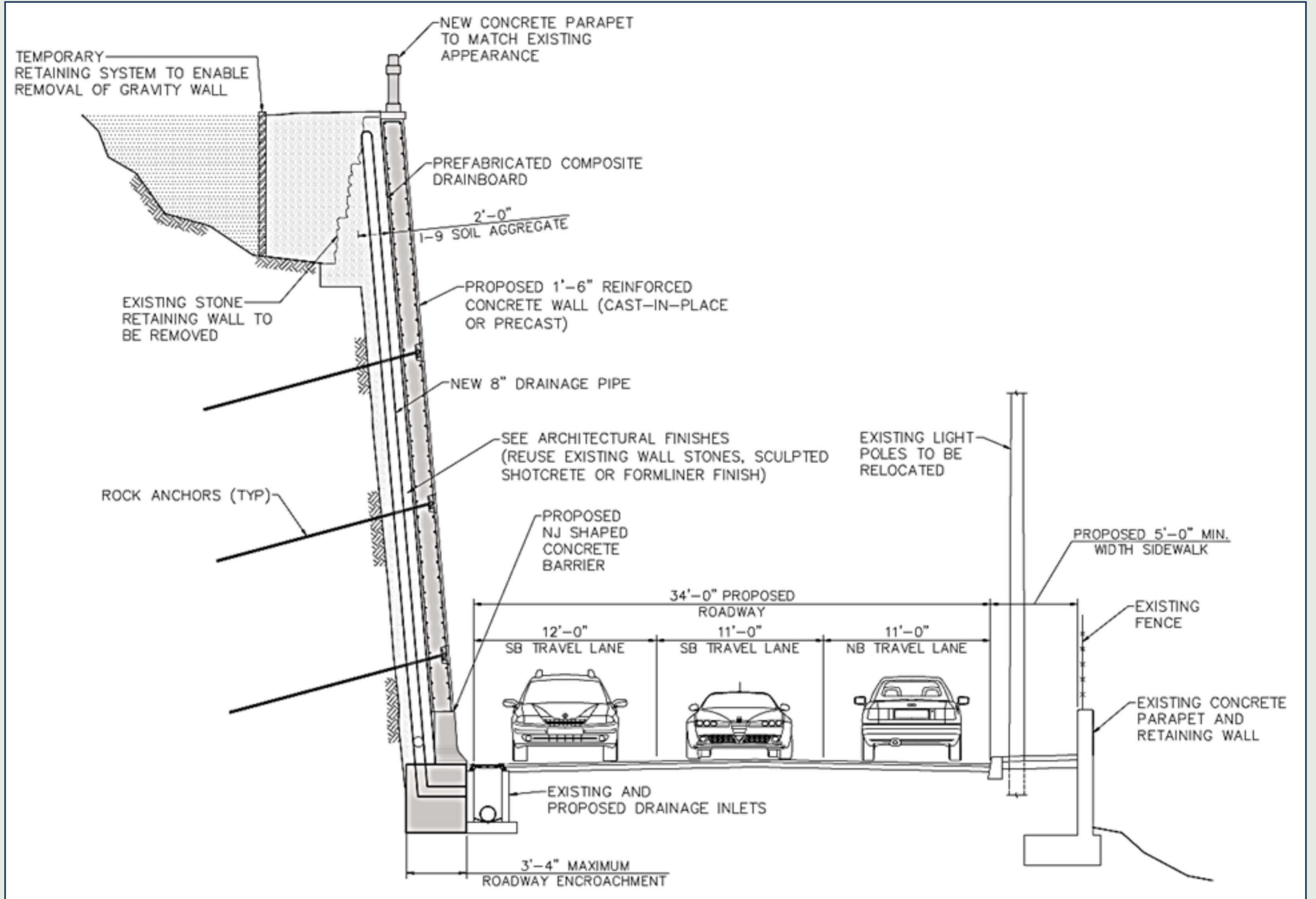
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Most Preferred Least Preferred



Repair Alternative #3

Remove & Replace Existing Retaining Wall



BENEFITS:

- Maintains existing roadway alignment.
- Eliminates all hidden risks associated with the existing wall.
- Could reuse existing stones to maintain existing appearance.

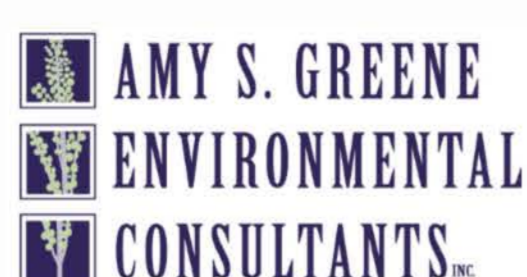
DRAWBACKS:

- Will impact existing structures above the wall that were built on retained soil (parking lots, swimming pool, retaining walls etc.).

VOTE HERE

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Most Preferred Least Preferred



Repair Alternative #4

Remove the Existing Retaining Wall



BENEFITS:

- Eliminates the long term need for maintenance of the retaining wall.

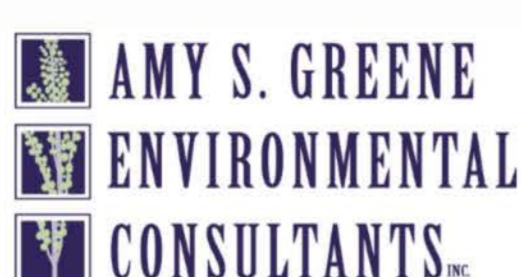
DRAWBACKS:

- Impacts aesthetic appearance.
- Unknown profile of rock face behind wall.
- Risk of encountering unknown conditions once demolition work begins. May require additional work to stabilize exposed rock face.

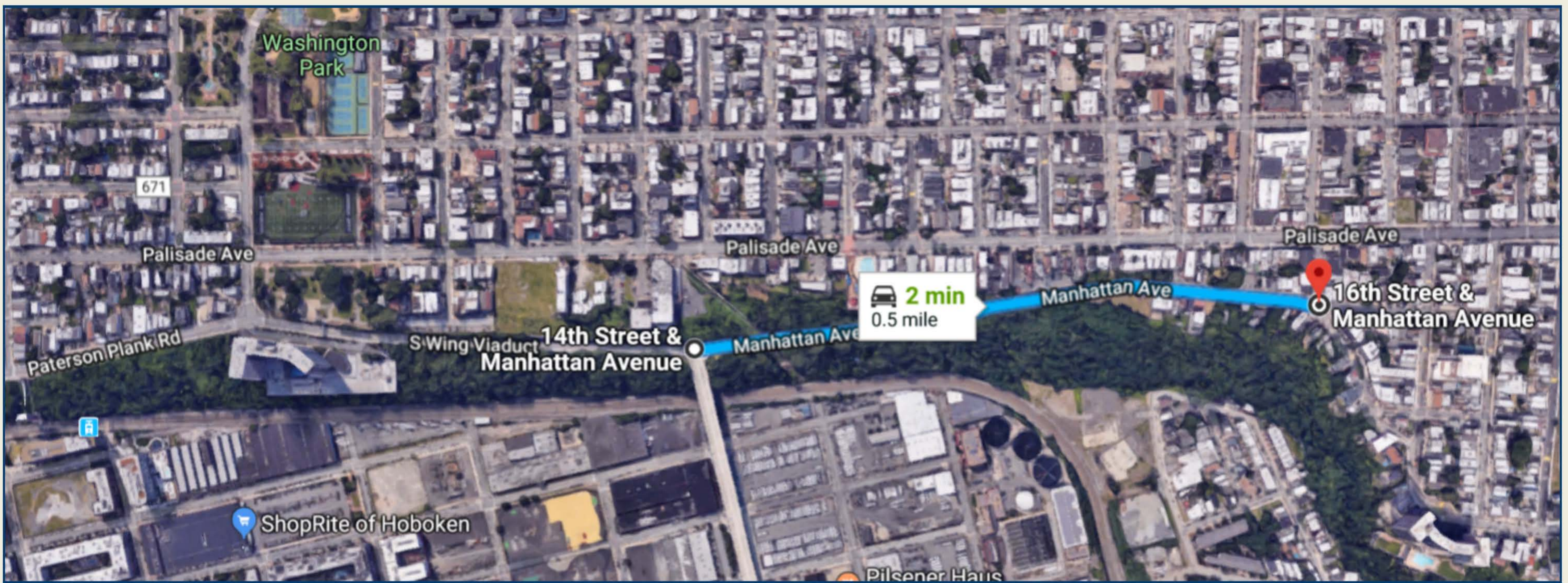
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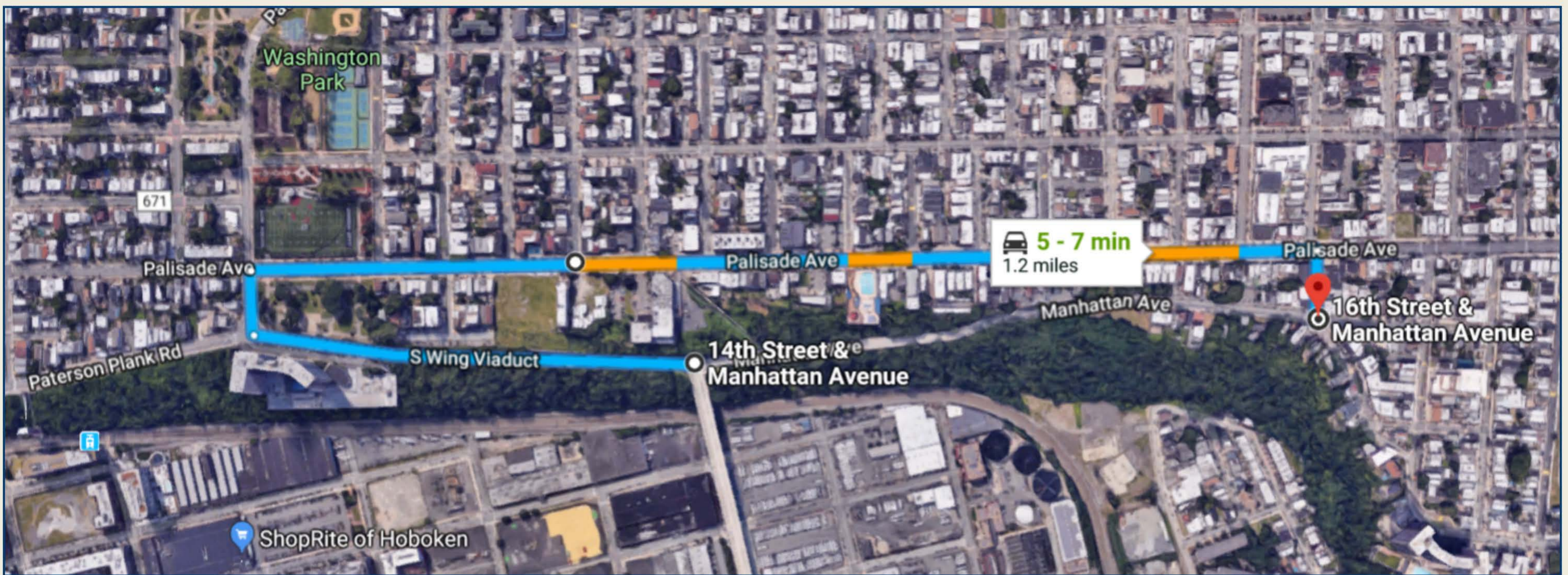
Most Preferred Least Preferred



Proposed Detour Route for North Retaining Wall Repairs



14th Street Viaduct to 16th Street - Existing Route Travel Time and Distance



14th Street Viaduct to 16th Street - Proposed Detour Travel Time and Distance

	Travel Distance	Travel Time (w/o Traffic)
Existing Roadway	0.5 miles	2 minutes
Proposed Detour Route	1.2 miles	5 to 7 minutes
Net Increase	0.7 mile	3 to 5 minutes

Proposed Detour Routes for South Retaining Wall Repairs



14th Street Viaduct to Paterson Plank Road - Existing Route Travel Time and Distance



14th Street Viaduct to Paterson Plank Road - Proposed Southern Detour



14th Street Viaduct to Paterson Plank Road - Proposed Northern Detour

	Travel Distance	Travel Time (w/o Traffic)
Existing Roadway	0.7 miles	3 minutes
Proposed Detour Routes	2.6 / 2.7 miles	9-12 / 10-16 minutes
Net Increase	1.9 / 2.0 miles	6-9 / 7-13 minutes