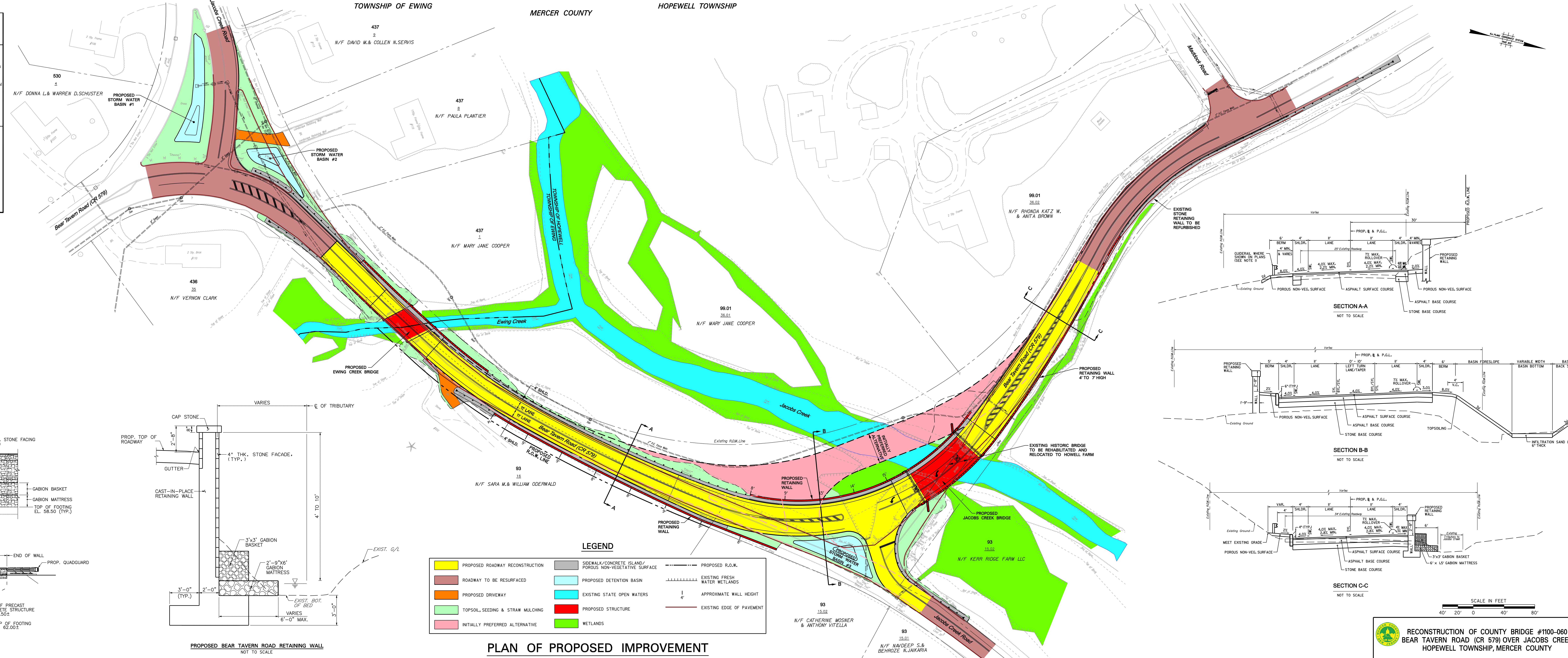
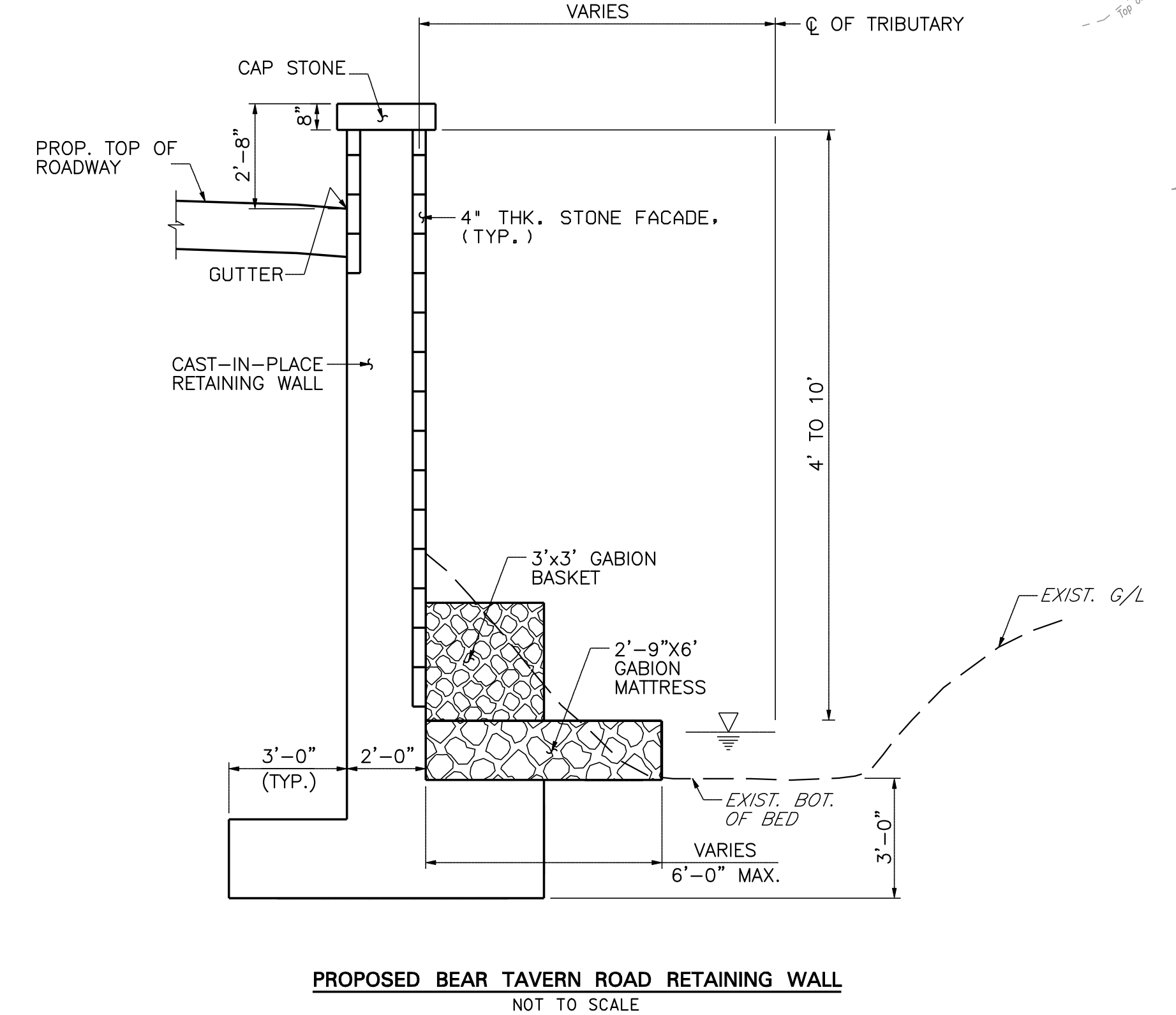
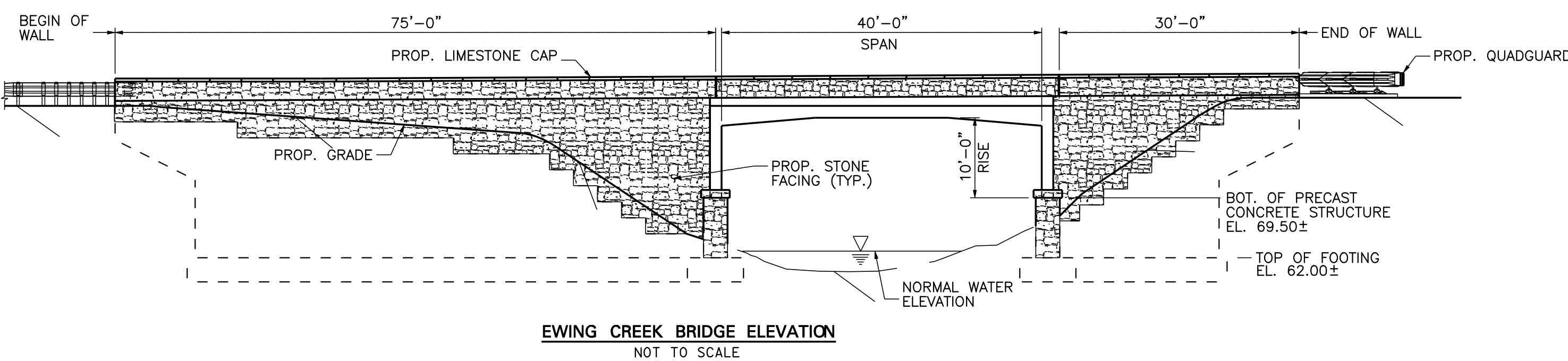
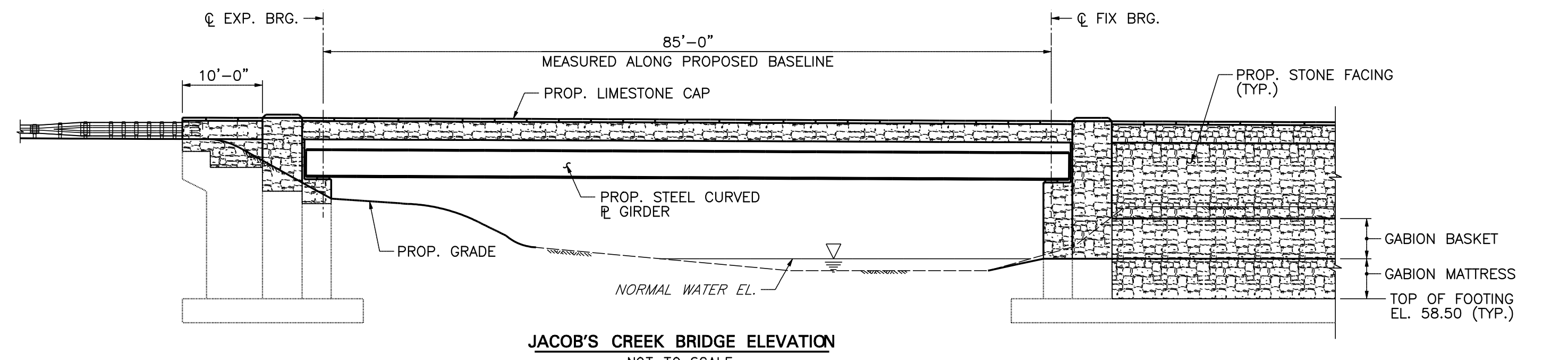


Alternative	Stormwater Management	Environmental Impacts	Safety Issues	Utility / Constructability Issues	Historic Impacts	Cost
<b>Initially Preferred Alternative</b> This alternative will re-align Bear Tavern Road at a larger offset from current roadway alignment. Will replace both the Ewing and Jacobs Creek Bridges. Will rehabilitate existing historic bridge at current location or possibly relocate to offsite location. A portion of existing stone retaining wall along Bear Tavern Road will be reconstructed and portion will be rehabilitated. Architectural treatments will be provided on all exposed wall and bridge surfaces.	Will comply with NJDEP Stormwater Management Rules. Based on the proposed improvements, Stormwater Management will require offsite mitigation.	Has greater environmental impacts of two alternatives being considered for wetlands and riparian buffers.	This alternative has a proposed radius of 350' for a posted/design speed of 35 mph. Using the proposed radius, the posted speed would need to be lowered to 30 mph or installation of warning signs under current posted speed. Needs Design Exception.	1- Requires Sanitary Sewer Force Main to be relocated. 2- Requires Aerial Relocations. 3- Requires two construction stages and detouring of traffic.	1- The Historic Structure over the Jacobs Creek to be rehabed in place or moved to a more pedestrian friendly area. 2- Has greater impact to Potential Historic Landscape at project site of the two alternative being considered.	Will be more costly of the two alternatives. 1- will require longer bridge over Jacobs Creek 2- will require more retaining walls. 3- will require additional utility relocations. Requires more fill / roadway embankment.
<b>New Alternative</b> This alternative will re-align Bear Tavern Road on a similar roadway alignment to existing. Will minimize impacts on surrounding resources. Will replace both the Ewing and Jacobs Creek Bridges. Will rehabilitate existing historic bridge at an offsite location likely Historic Howell Farm Property. A portion of existing stone retaining wall along Bear Tavern Road will be reconstructed and portion will be rehabilitated. Architectural treatments will be provided on all exposed wall and bridge surfaces.	Will comply with NJDEP Stormwater Management Rules. Based on the proposed improvements, Stormwater Management may require offsite mitigation. Stormwater impacts will be less than other alternative	Has less environmental impacts of two alternatives being considered for wetlands and riparian buffers. Shows minimization relative to other alternative.	This alternative has a proposed radius of 300' for a posted/design speed of 35 mph. Using the proposed radius, the posted speed would need to be lowered to 30 mph or installation of warning signs under current posted speed. Needs Design Exception.	1- Requires portions of Water Main adjacent to Historic Bridge to be relocated. 2- Requires Aerial Relocations. 3- Requires two construction stages and detouring of traffic.	1- Requires relocation of Historic Structure over Jacobs Creek. 2- will have less impact to potential Historic Landscape at project site.	Will be least costly of two alternatives

IMPACT COMPARISON TABLE

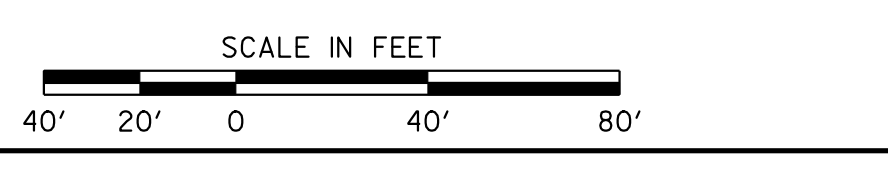
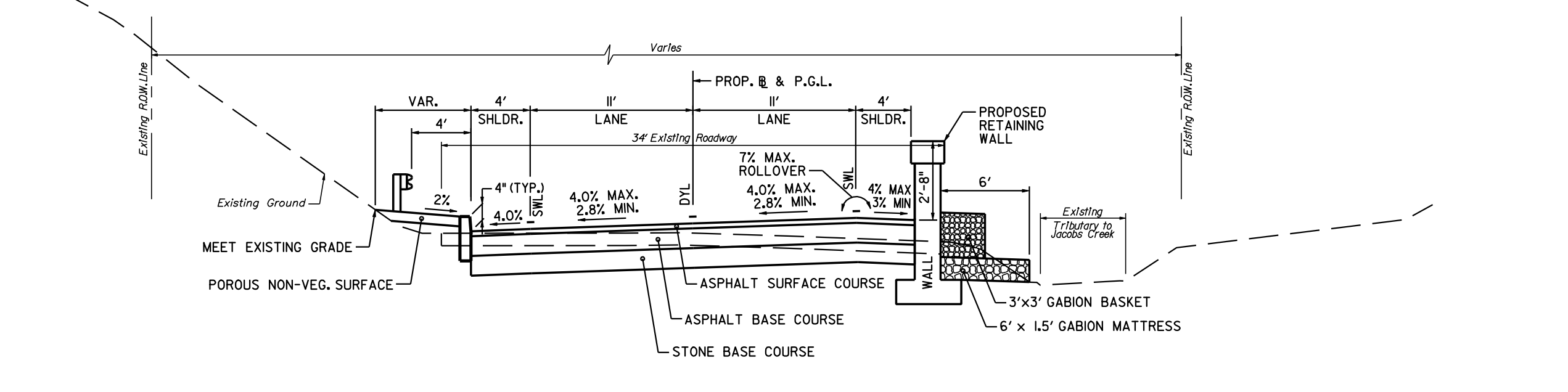
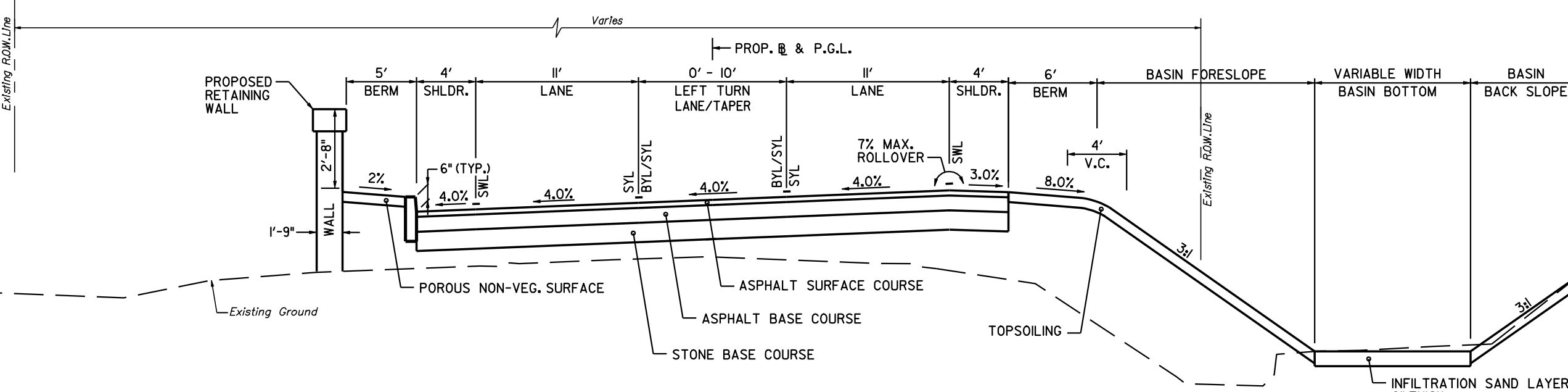
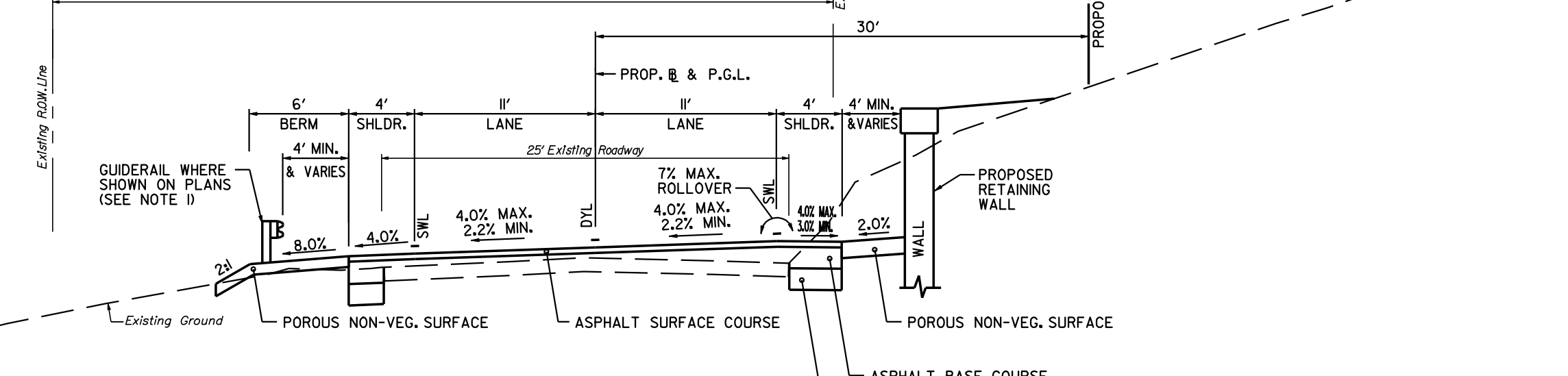


PHOTO SIMULATION OF PROPOSED JACOBS CREEK BRIDGE (STONE PARAPET SHOWN) FINAL AESTHETICS TO BE COORDINATED WITH NJHPO



**LEGEND**

PROPOSED ROADWAY RECONSTRUCTION	SIDEWALK/CONCRETE ISLAND/POROUS NON-VEGETATIVE SURFACE	PROPOSED R.O.W.
ROADWAY TO BE RESURFACED	PROPOSED DETENTION BASIN	EXISTING FRESH WATER WETLANDS
PROPOSED DRIVEWAY	EXISTING STATE OPEN WATERS	APPROXIMATE WALL HEIGHT
TOPSOIL, SEEDING & STRAW MULCHING	PROPOSED STRUCTURE	EXISTING EDGE OF PAVEMENT
INITIALLY PREFERRED ALTERNATIVE	WETLANDS	



RECONSTRUCTION OF COUNTY BRIDGE #1100-060  
BEAR TAVERN ROAD (CR 579) OVER JACOBS CREEK  
HOPEWELL TOWNSHIP, MERCER COUNTY

19-SEP-2011 09:40  
 PERSONS BRUNCKERHOFF  
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 ecsp/ryb/bsi  
 velds