ORIGINATION FORM

Proposed Revisions to a Standard Plans Index (Please provide all information – Incomplete forms will be returned)

Contact Information:

Date: July 26, 2018 Originator: **Derwood Sheppard** Phone: (850) 414-4334 Email:

Standard Plans:

Index Number: **120-001** Sheet Number (s): All Sheets Index Title: Embankment Utilization

Summary of the changes:

Sheet 1: Added REMOVAL OF EXCESS BASE MATERIAL details from Index 000-506; Changed detail Notes.

Sheet 2: Removed Treated Permeable Base reference (Patrick Overton).

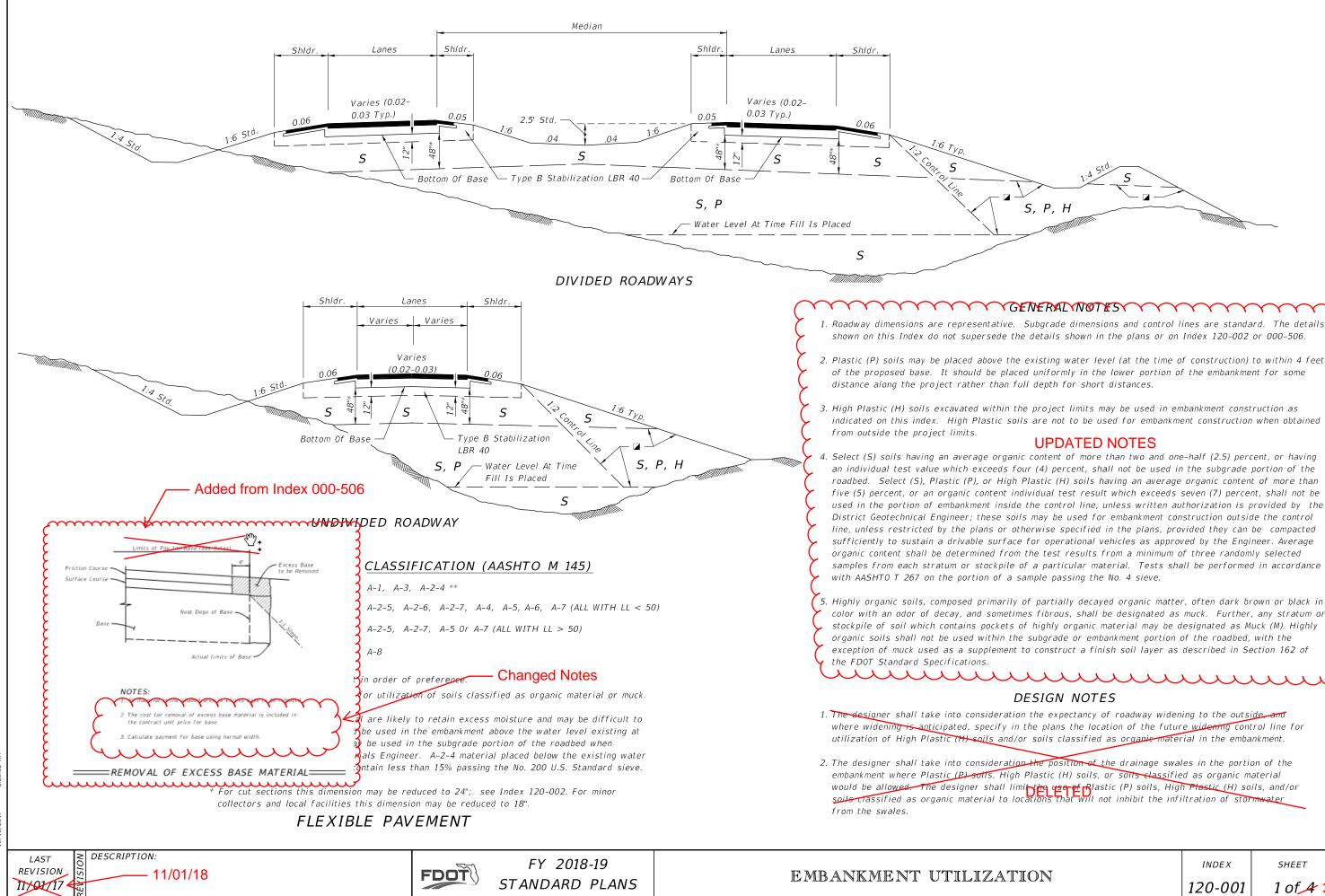
Sheet 3: New Sheet 2

Sheet 4: New Sheet 3. Added Special Stabilized Subbase.

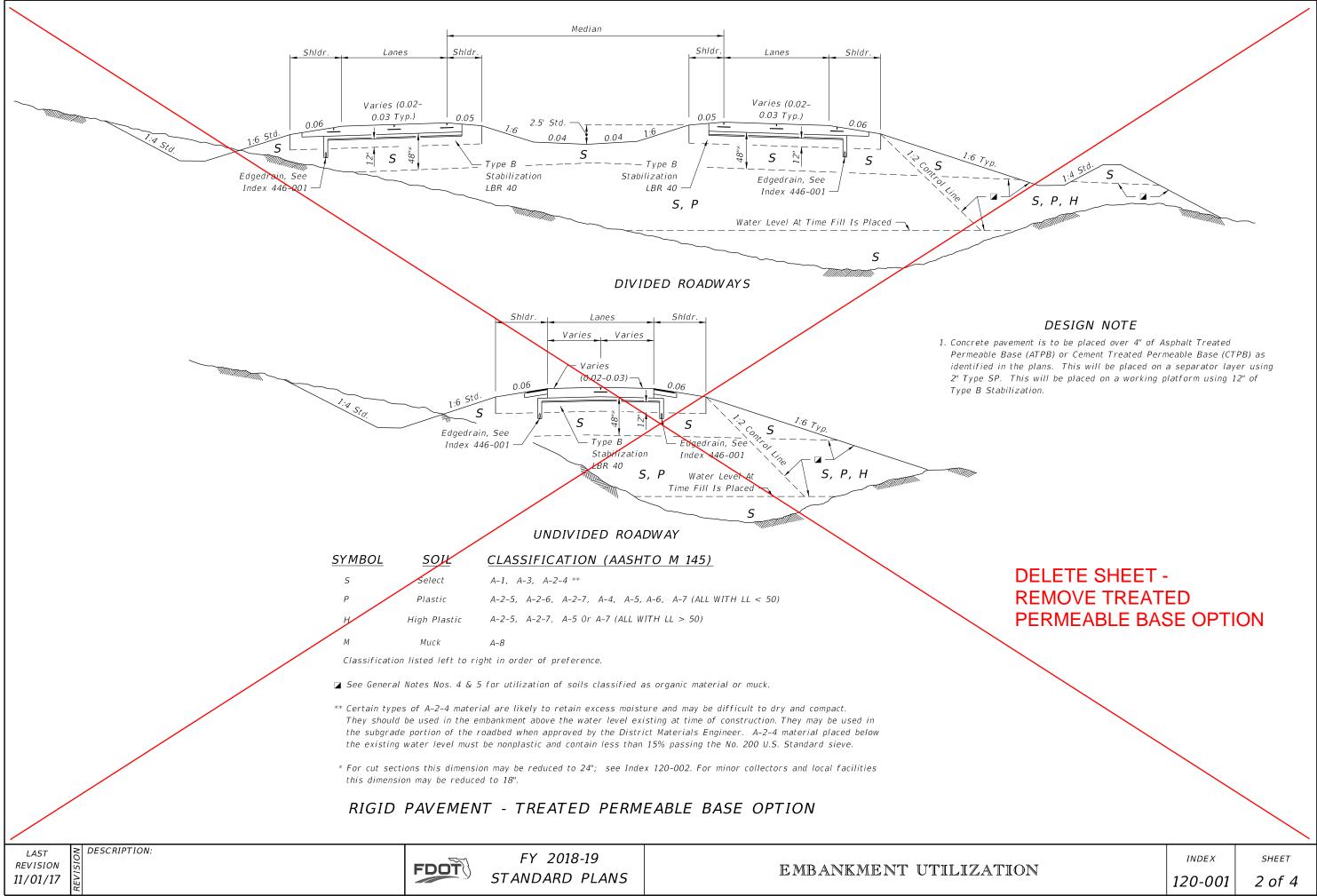
Commentary / Background:

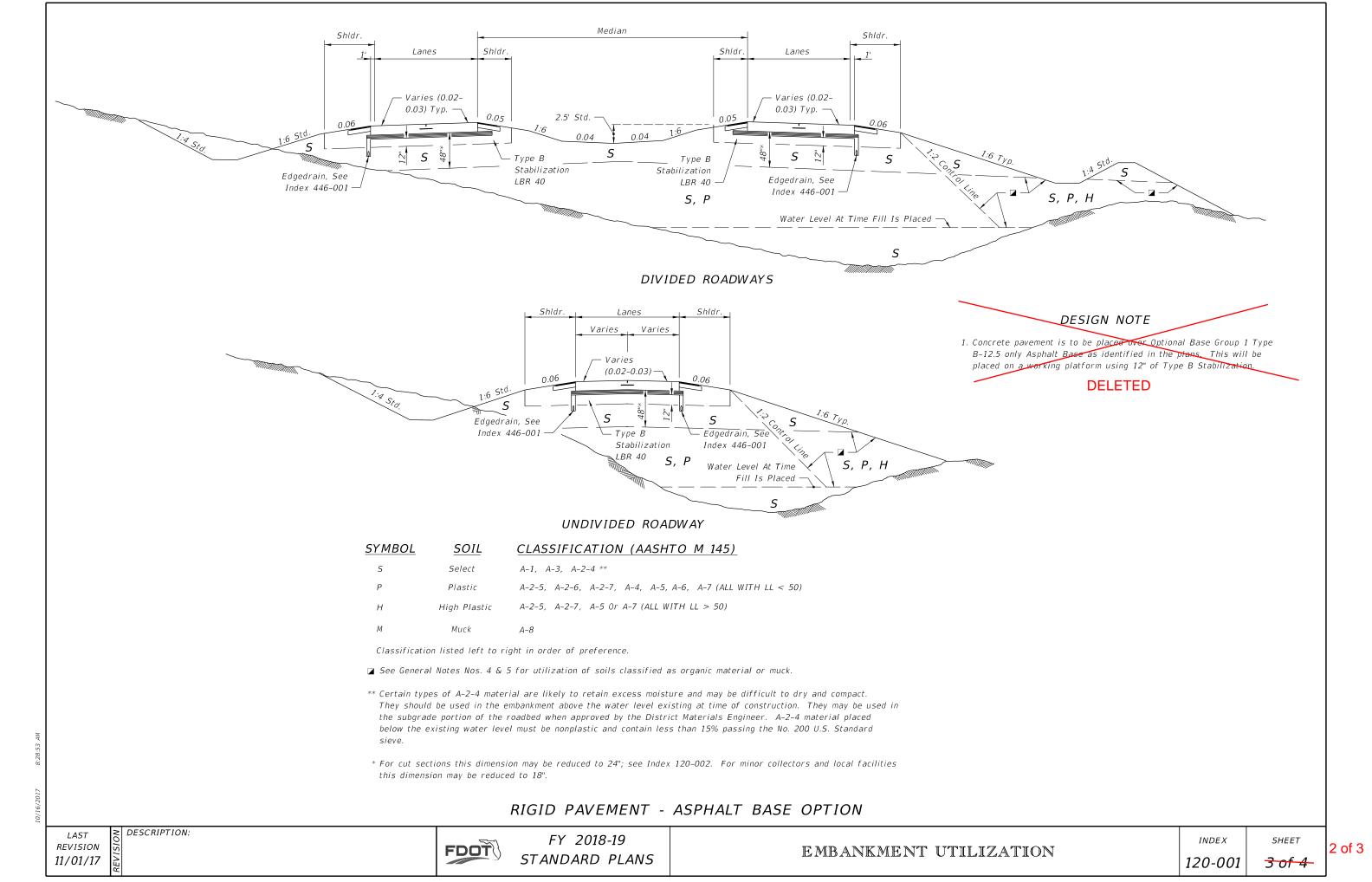
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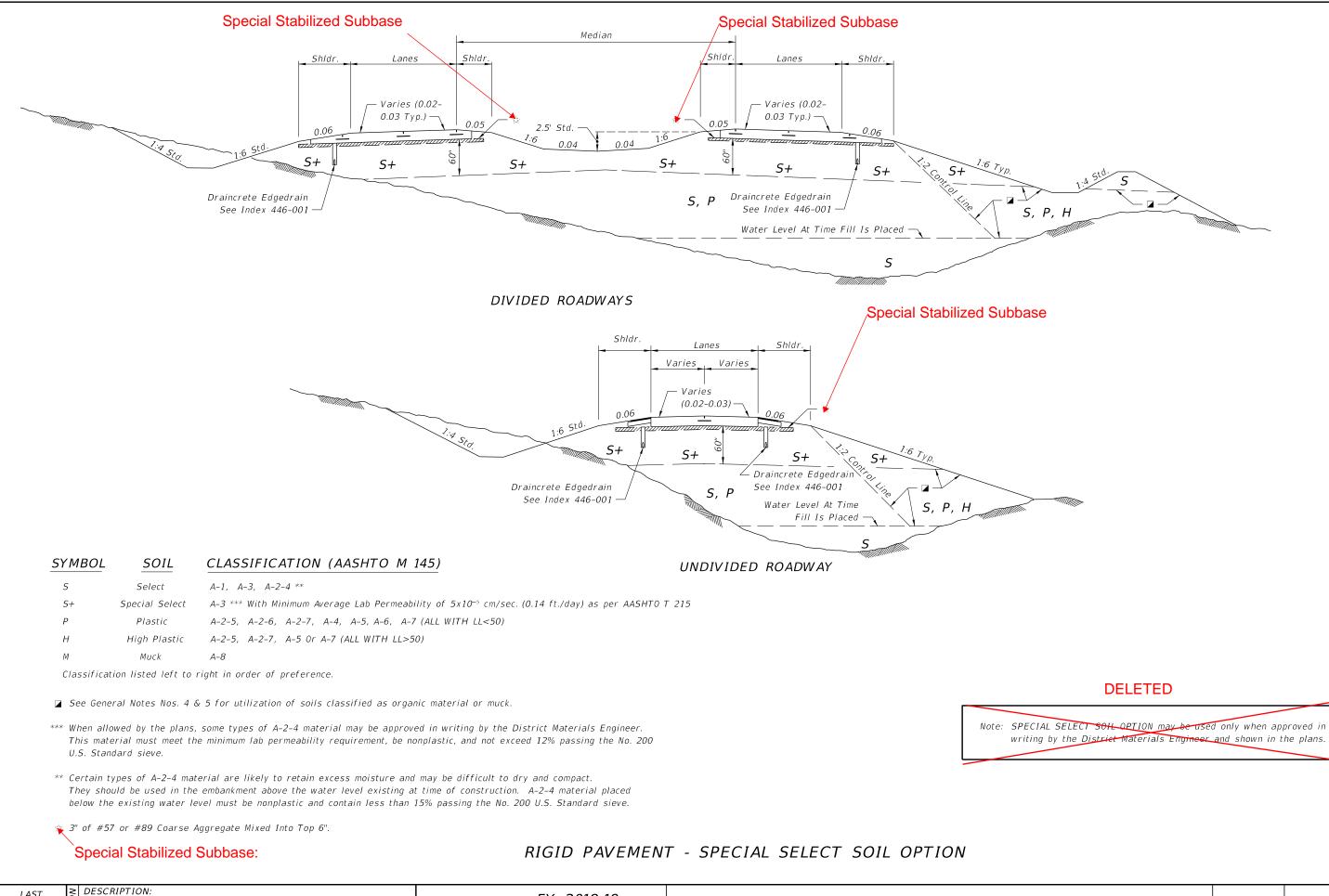
		Other Affected Offices / Documents: (Provide name of responsible personnel)							
Yes 🔽	No	Other Standard Plans – Derwood Sheppard							
		FDOT Design Manual –							
		Basis of Estimates Manual –							
		Standard Specifications –							
		Approved Product List –							
		Construction –							
		Maintenance –							
		Origination Dackage Includes: (Enables hand deliver realizes to Derwood Shannowd)							
Yes	N/A	Origination Package Includes: (Email or hand deliver package to Derwood Sheppard)							
		Redline Mark-ups							
		Proposed Standard Plan Instructions (SPI)							
		Revised SPI							
		Other Support Documents							
Implementation:									
		—— Contact the Roadway Design Office for assistance in completing this form ————							



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LAST

REVISION

11/01/17



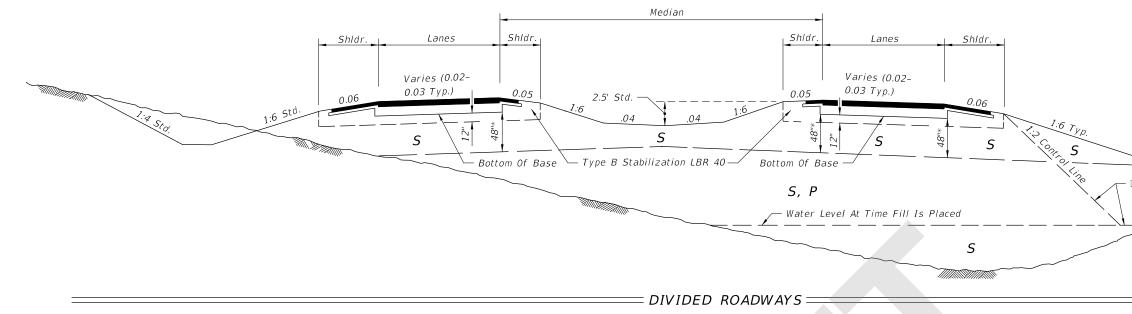
FY 2018-19 STANDARD PLANS

EMBANKMENT UTILIZATIO

writing by the District Materials Engineer and shown in the plans.

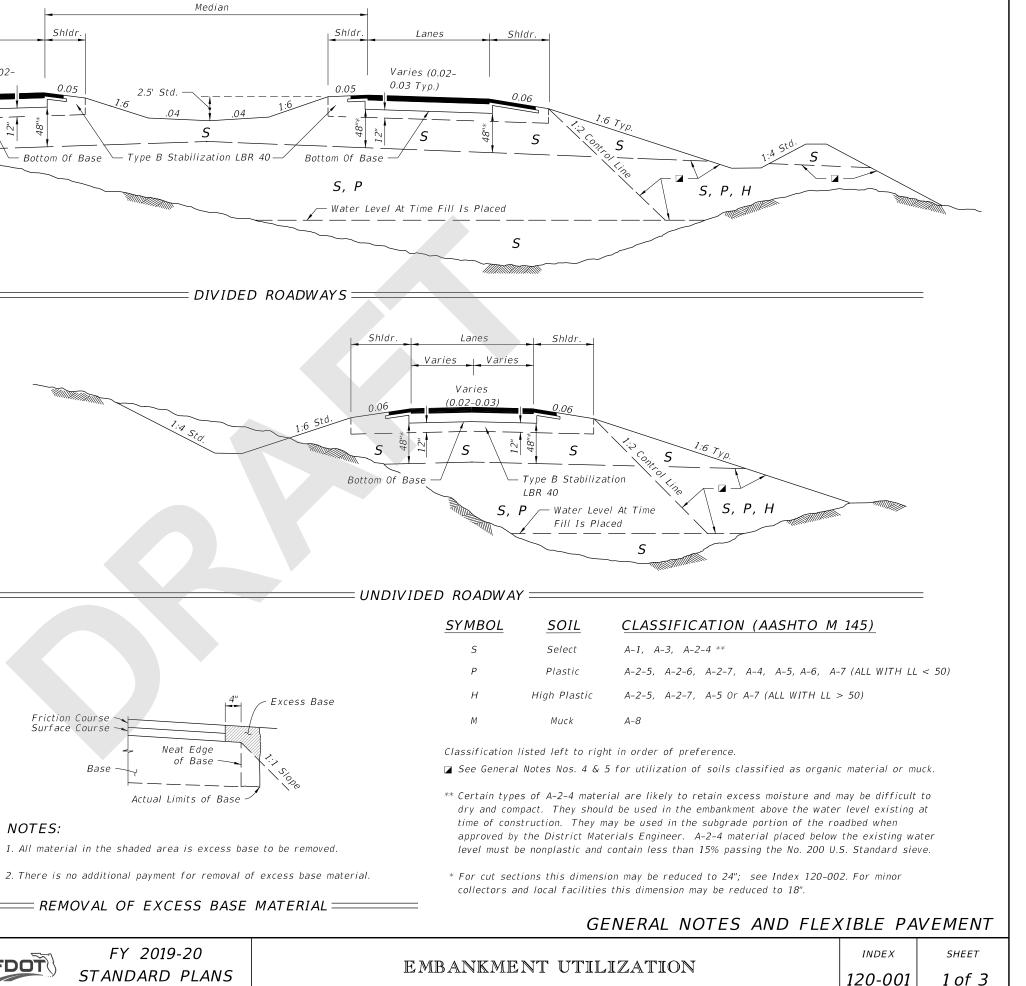
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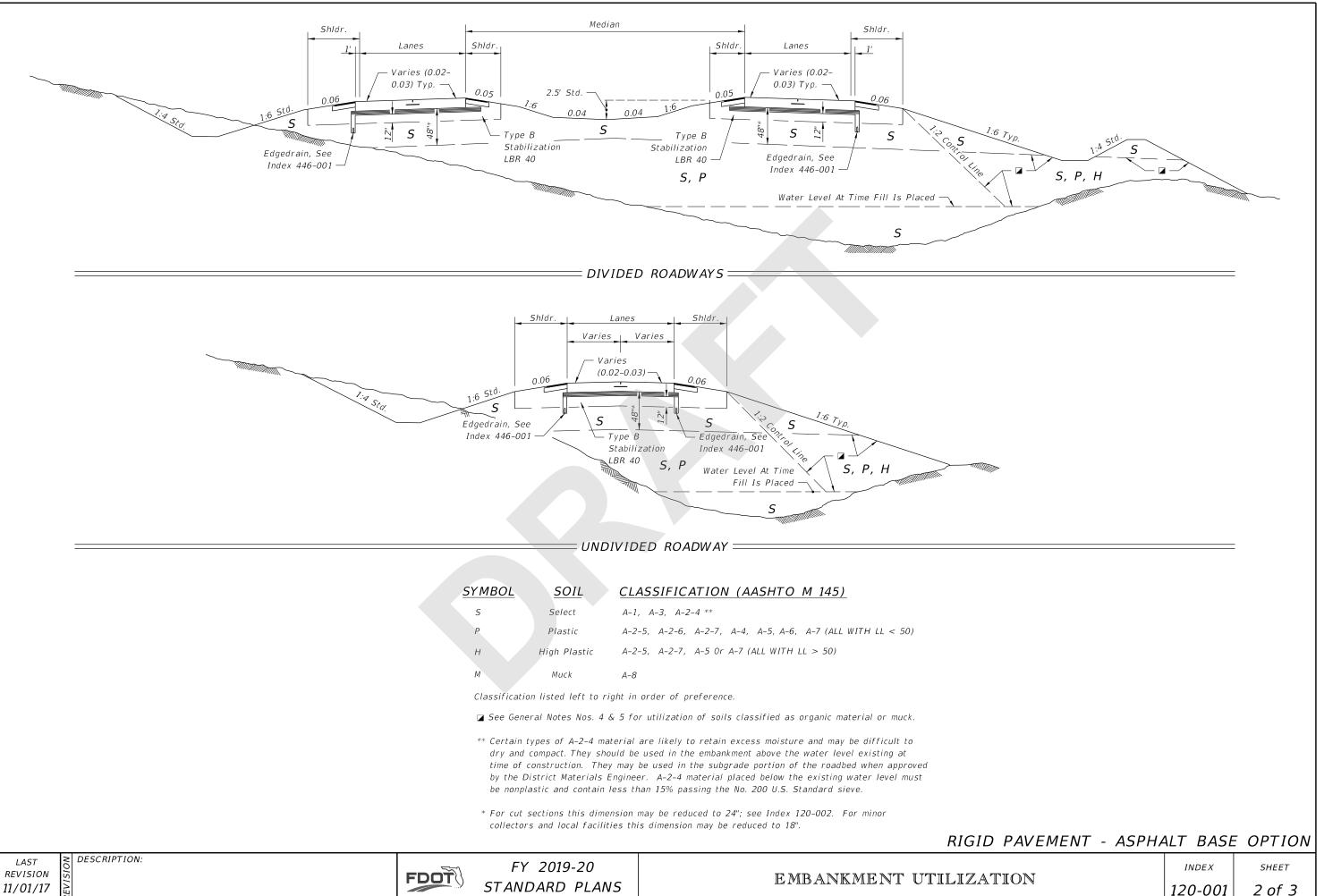
GENERAL NOTES:

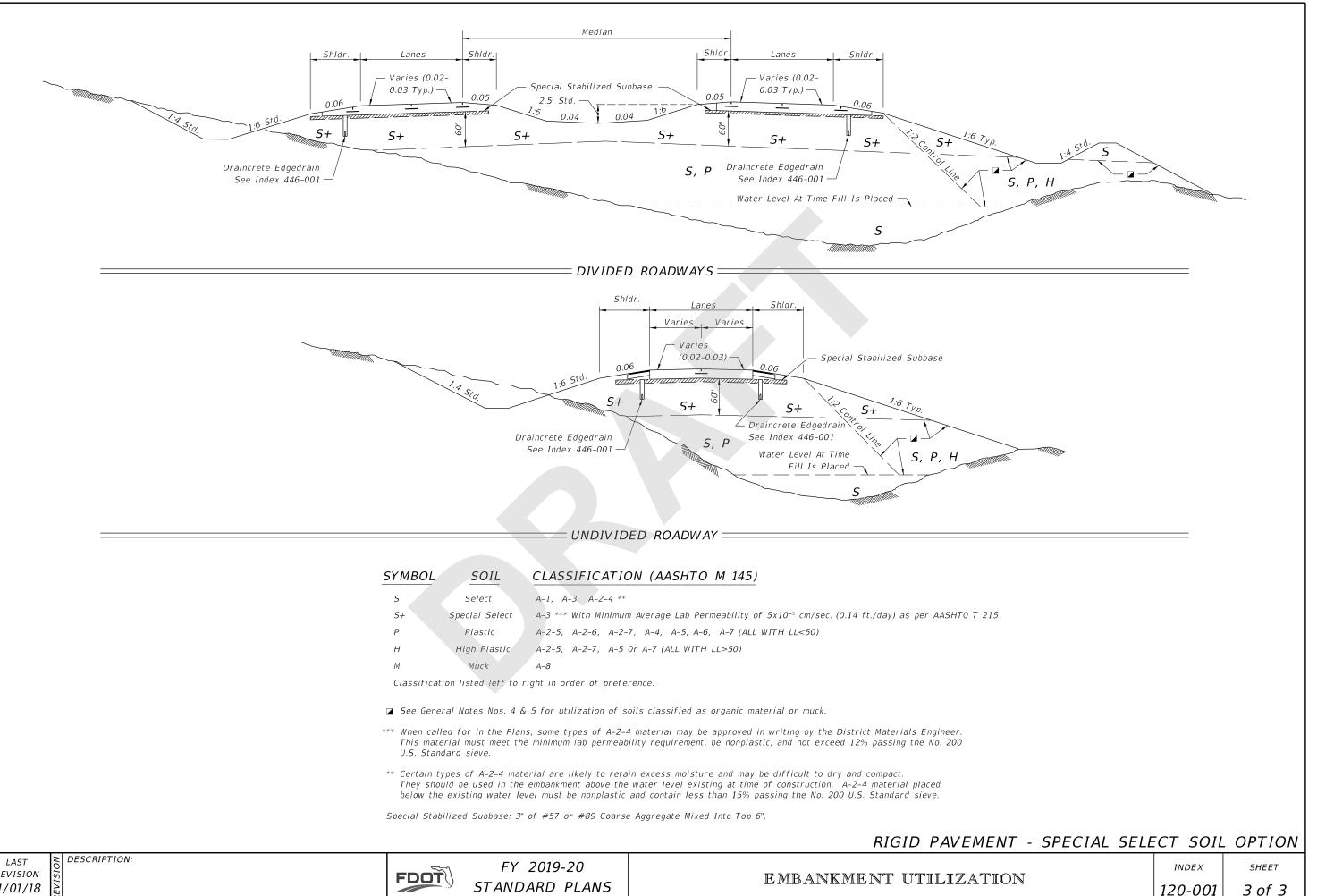
- 1. Roadway dimensions are representative. Subgrade dimensions and control lines are standard. The details shown on this Index do not supersede the details shown in the Plans or Indexes 120-002 and 160-001.
- 2. Plastic (P) soils may be placed above the existing water level (at the time of construction) to within 4 feet of the proposed base. It should be placed uniformly in the lower portion of the embankment for some distance along the project rather than full depth for short distances.
- 3. High Plastic (H) soils excavated within the project limits may be used in embankment construction as indicated on this Index. High Plastic soils are not to be used for embankment construction when obtained from outside the project limits.
- 4. Select (S) soils having an average organic content of more than two and one-half (2.5) percent, or having an individual test value which exceeds four (4) percent, is not permitted in the subgrade portion of the roadbed. Select (S), Plastic (P), or High Plastic (H) soils having an average organic content of more than five (5) percent, or an organic content individual test result which exceeds seven (7) percent, is not permitted in the portion of embankment inside the control line, unless written authorization is provided by the District Geotechnical Engineer; these soils may be used for embankment construction outside the control line, unless restricted by the Plans or otherwise specified in the Plans, provided they can be compacted sufficiently to sustain a drivable surface for operational vehicles as approved by the Engineer. Determine average organic content from the test results from a minimum of three randomly selected samples from each stratum or stockpile of a particular material. Perform tests in accordance with AASHTO T 267 on the portion of a sample passing the No. 4 sieve.
- 5. Highly organic soils, composed primarily of partially decayed organic matter, often dark brown or black in color with an odor of decay, and sometimes fibrous, are designated as muck. Further, any stratum or stockpile of soil which contains pockets of highly organic material may be designated as Muck (M). Highly organic soils are not permitted within the subgrade or embankment portion of the roadbed, with the exception of muck used as a supplement to construct a finish soil layer as described in Specification 162.



LAST	S S	DESCRIPTION
REVISION	SI	
11/01/18	ΕV	







REVISION 11/01/18