This is a working document that should be considered a draft.
Materials Road Map, Expansion 1

Paint Examination

- General Paint Guideline
  - E1610 - Standard Guide for Forensic Paint Analysis and Comparison

  - Microscopy of Paint
    - FTIR
    - MSP
      - E2808 - Standard Guide for Microspectrophotometry in Forensic Paint Analysis
        - Currently being revised
    - PGC-MS
      - Standard Guide for Using PGC-MS in Forensic Polymer Examinations (SWGMAT)
        - Currently being revised
    - SEM/EDS
        - Currently being revised
    - X-Ray Diffraction (XRD)
    - X-Ray Fluorescence (XRF)

Tape Examination

- General Tape Guideline
  - Standard Guide for Forensic Tape Analysis and Comparison
    - Currently being developed

  - Physical Characteristics
    - Standard Guide for Assessing Physical Characteristics in Forensic Tape Examinations (SWGMAT)
      - Needs revision
  - Light Microscopy
    - Standard Guide for Using Light Microscopy in Forensic Tape Examinations (SWGMAT)
      - Needs revision
  - FTIR
    - E3805 - Standard Guide for Using FTIR in Forensic Tape Examinations
  - PGC-MS
    - Standard Guide for Using PGC-MS in Forensic Polymer Examinations (SWGMAT)
      - Currently being revised
  - SEM/EDS
      - Currently being revised

Key:
- New standard to develop
- Future revision of an existing standard
- SDO Process
- RA Process
- On OSAC Registry
- Other Projects

This is a working document that should be considered a draft.
Glass Examination

General Glass Guideline
- Standard Guide for Forensic Glass Analysis and Comparison
  - Currently being revised

Refractive Index
- E1967 - Standard Test Method for the Automated Determination of RI of Glass Samples using Oil Immersion Method and Phase Contrast Microscope
  - Currently being revised

ICP-MS
- E2330 - Standard Test Method for Determination of Concentrations of Elements in Glass Samples using ICP-MS for Forensic Comparisons
  - Currently being revised

LA-ICP-MS

XRF

Fiber Examination

Fabrics & Cordage
- E2225 - Standard Guide for Forensic Examination of Fabrics and Cordage
  - Currently being revised

General Fiber Guideline
- Standard Guide for Forensic Fiber Analysis and Comparison (SWGMAT)
  - Currently being revised

Microscopy
- E2228 - Standard Guide for Microscopic Examination of Textile Fibers
  - Currently being revised

FTIR
- E2224 - Standard Guide for Forensic Analysis of Fibers by IR
  - Currently being revised

TLC
- E2227 - Standard Guide for Forensic Examination of Non-reactive Dyes in Textile Fibers by TLC
  - Currently being revised

MSP
- Standard Guide for Forensic Analysis of Fibers by MSP (SWGMAT)
  - Currently being revised

PGC-MS
- Standard Guide for Using PGC-MS in Forensic Polymer Examinations (SWGMAT)
  - Needs revision

Key:
- New standard to develop
- Future revision of an existing standard
- SDO Process
- RA Process
- On OSAC Registry
- Other Projects

This is a working document that should be considered a draft.
Materials Road Map, Expansion 3

Hair Examination

Standard Guide for Forensic Human Hair Analysis and Comparison (SWGMAT)
Currently being revised

Physical Fit Examination

Standard Guide for Forensic Examinations of Physical Fit of Trace Materials

Key:
- New standard to develop
- Future revision of an existing standard
- SDO Process
- RA Process
- On OSAC Registry
- Other Projects

This is a working document that should be considered a draft.