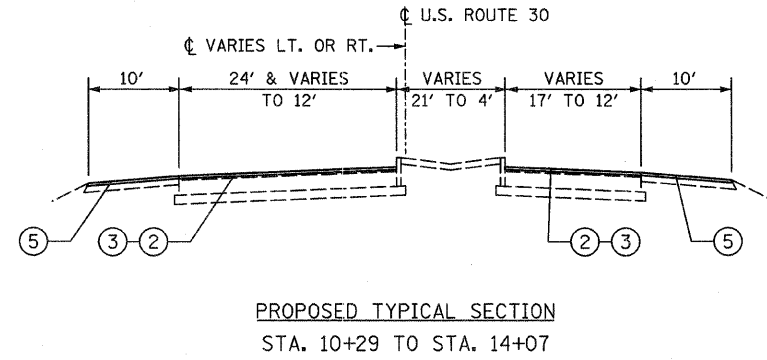
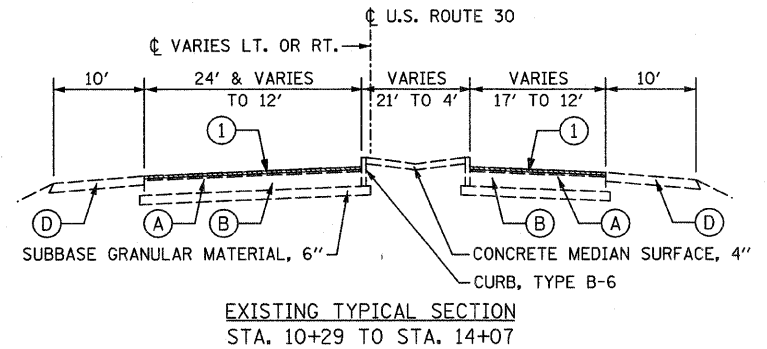
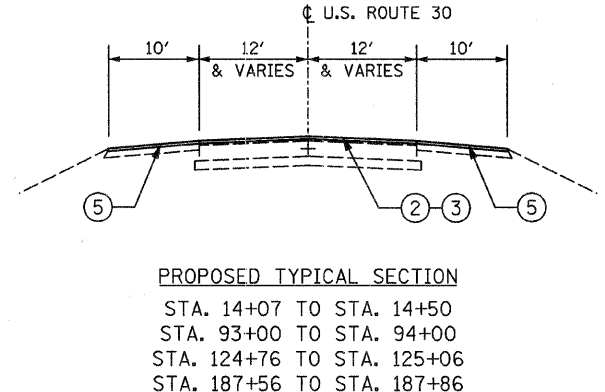
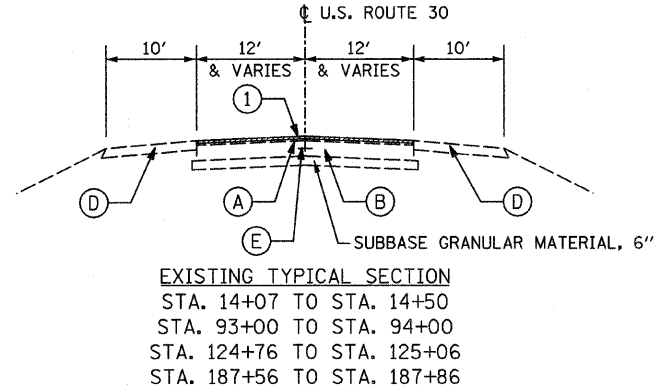
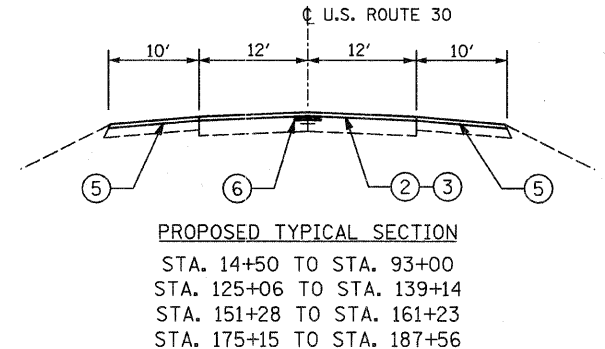
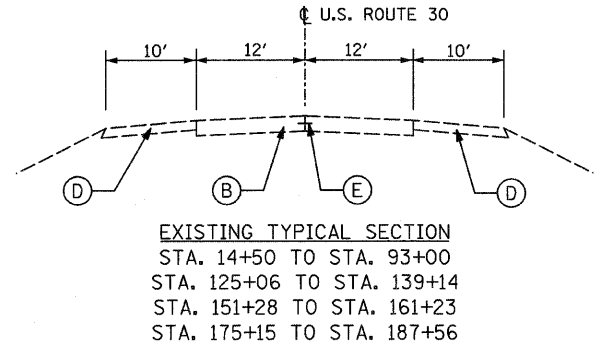
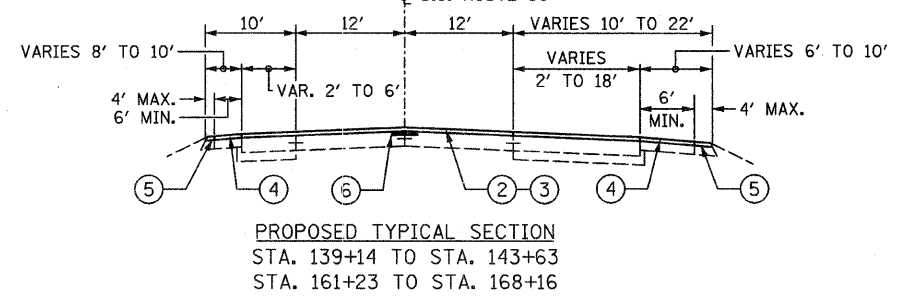
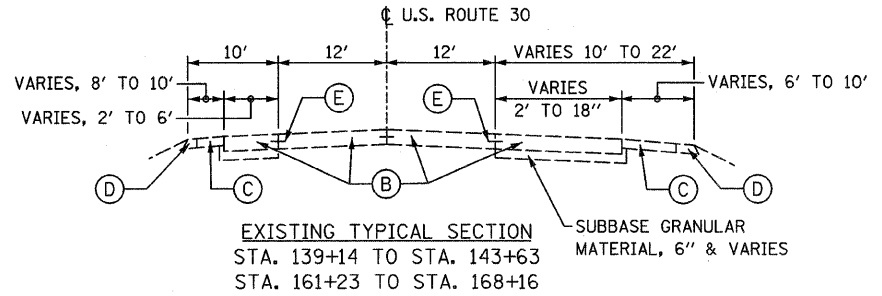


- EXISTING CONDITIONS:**
- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE, 2 1/2" & VARIES
  - (B) P.C.C. PAVEMENT, 10"
  - (C) HMA SHOULDER
  - (D) AGGREGATE SHOULDER
  - (E) TIE BARS
- PROPOSED IMPROVEMENTS:**
- (1) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
  - (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
  - (3) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"
  - (4) HOT-MIX ASPHALT SHOULDERS, 2 1/2"
  - (5) AGGREGATE SHOULDERS, TYPE B, 2 1/2"
  - (6) LONGITUDINAL JOINT REPAIR (AT LOCATIONS AS DETERMINED BY THE ENGINEER - SEE DETAIL ON PLAN SHEET NO. 5 )



ROADWAY NAME	HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
	MIXTURE TYPE	AC TYPE	AIR VOIDS
U.S. ROUTE 30	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	PG 64-22	4% @ 70 GYR
	HOT-MIX ASPHALT SHOULDERS, 2 1/2" (HMA SURFACE COURSE, MIX "D", N70 (IL-9.5mm))	PG 64-22	4% @ 70 GYR
	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/22	4% @ 50 GYR
	CLASS D PATCHES (HMA BINDER, IL-19)	* PG 64-22	4% @ 70 GYR.
	HMA REPLACEMENT OVER PATCHES AND PARTIAL DEPTH PATCHING (HMA BINDER, IL-19)	* PG 64-22	4% @ 70 GYR.

\* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22. THE UNIT WEIGHT USED TO CALCULATE ALL THE HMA MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.