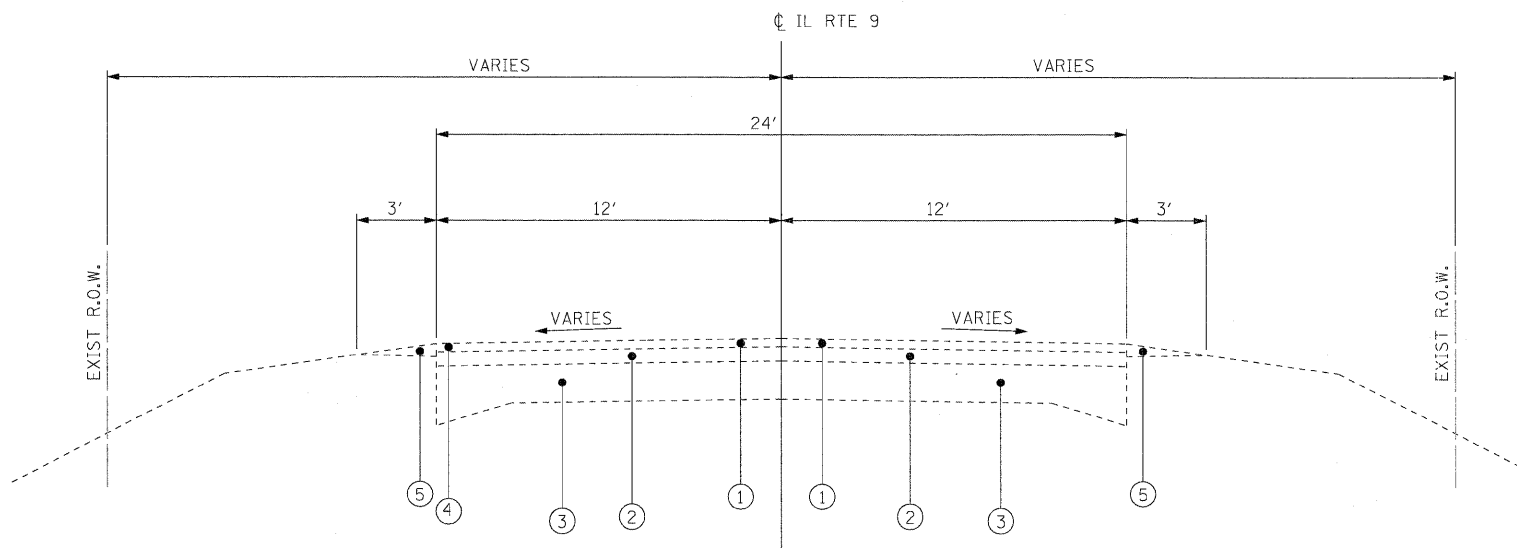
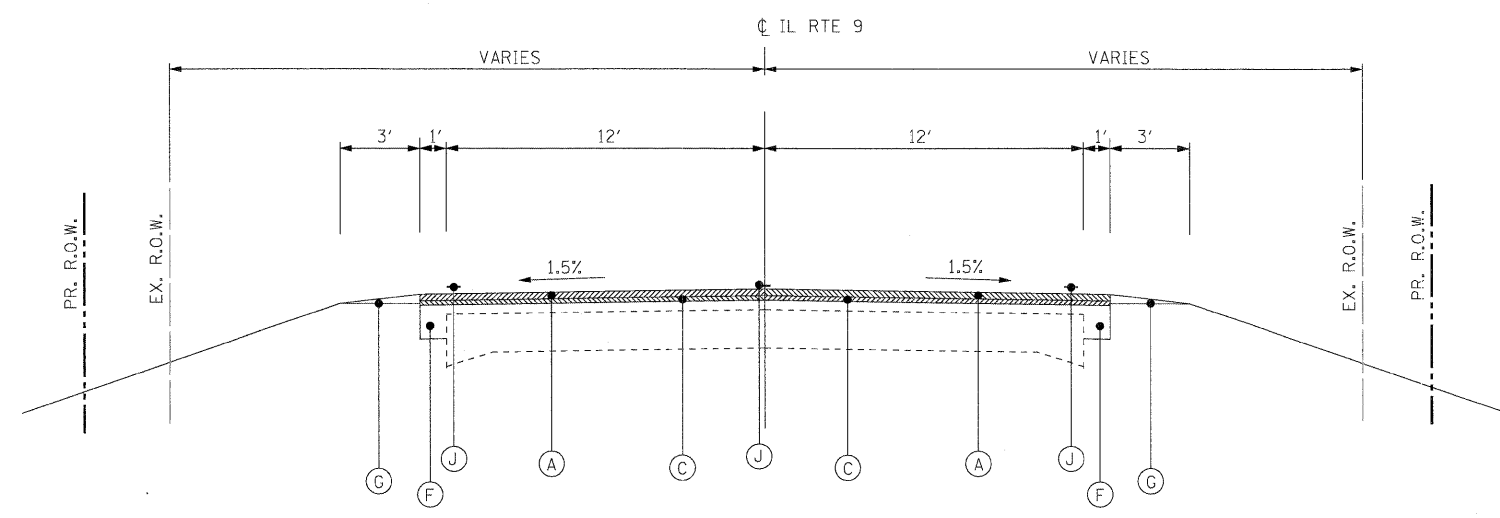


DATE	
BY	
SUPERVISOR	
PLANNED	
NOTED	
PLANNED	
NO.	

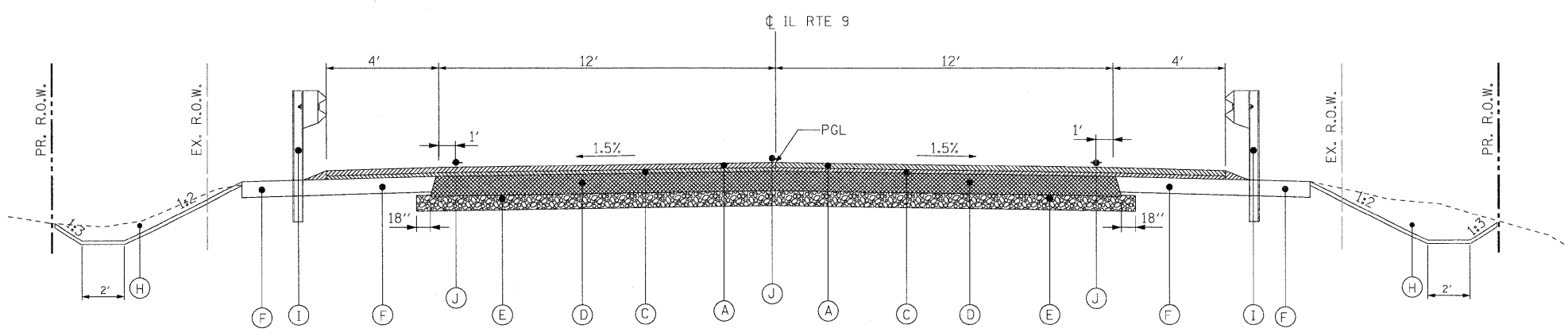
DATE	
BY	
PROFILER	
NOTED	
PLANNED	
NO.	



**EXISTING ROADWAY TYPICAL SECTION**  
 NTS  
 FROM STA 46+10.00 TO STA 54+90.00



**PROPOSED ROADWAY TYPICAL SECTION**  
 NTS  
 FROM STA 47+00.00 TO STA 50+32.19  
 FROM STA 50+77.82 TO STA 54+00.00



**PROPOSED ROADWAY TYPICAL SECTION (FULL DEPTH)**  
 NTS  
 FROM STA 50+32.19 TO STA 50+47.17  
 FROM STA 50+62.83 TO STA 54+77.82

**BITUMINOUS MIXTURE REQUIREMENTS**

PAY ITEM	HMA LEVEL BINDER	HMA SURFACE	HMA BASE COURSE	HMA SHOULDERS
PG GRADE	PG64-22	PG64-22	PG64-22	PG64-22
MAX. % RAP ALLOWABLE **	25%	15%	25%	25%
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 9.5	IL 12.5 OR IL 9.5	IL 19.0	IL 19.0
FRICTION AGGREGATE		MIXTURE C		
DENSITY TEST METHOD	SATISFACTION OF THE ENGINEER	CORES	CORES	CORES*

\* MATERIAL SHALL BE COMPACTED TO 93.0 - 97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE THE MINIMUM PERCENT COMPACTION SHALL BE 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/QA SPECIFICATION.

\*\* WHEN MORE THAN 20% RAP IS USED, A SOFTER ASPHALT BINDER (PG58-22) MAY BE REQUIRED AS DETERMINED BY THE ENGINEER.

**LEGEND:**

- EXISTING**
- ① EXISTING HOT-MIX ASPHALT SURFACE CSE, 1 1/2"
  - ② EXISTING HOT MIX ASPHALT OVERLAY
  - ③ EXISTING PAVEMENT, ± 12"
  - ④ EXISTING HMA SHOULDER
  - ⑤ EXISTING AGGREGATE SHOULDER WEDGE (TYP.)
- PROPOSED**
- Ⓐ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50, 1 1/2"
  - Ⓒ PROPOSED LEVELING BINDER, N50, 3/4"
  - Ⓓ PROPOSED HOT MIX ASPHALT BASE COURSE 10 1/2"
  - Ⓔ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 12"
  - Ⓕ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
  - Ⓖ PROPOSED AGGREGATE SHOULDER WEDGE
  - Ⓗ PROPOSED EARTH EXCAVATION
  - Ⓘ PROPOSED STEEL PLATE BEAM GUARD RAIL
  - Ⓝ PAVEMENT MARKING

**NOTE:**  
 1. SEE PLAN AND PROFILE SHEETS FOR HMA SHOULDER STABILIZATION LOCATIONS.