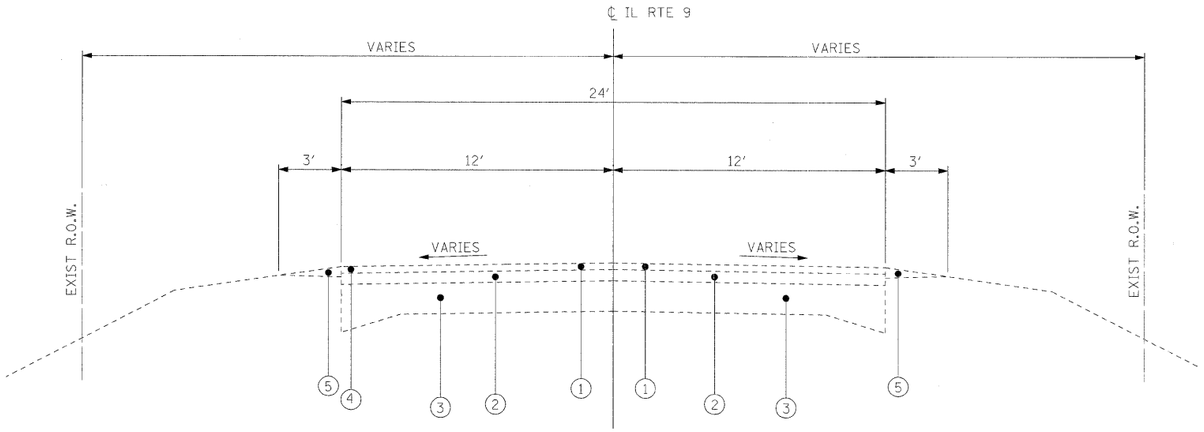
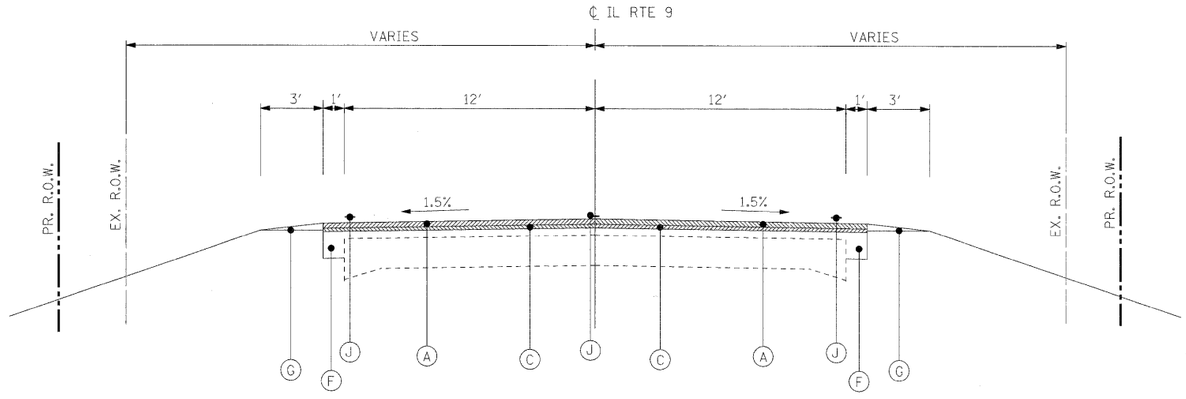


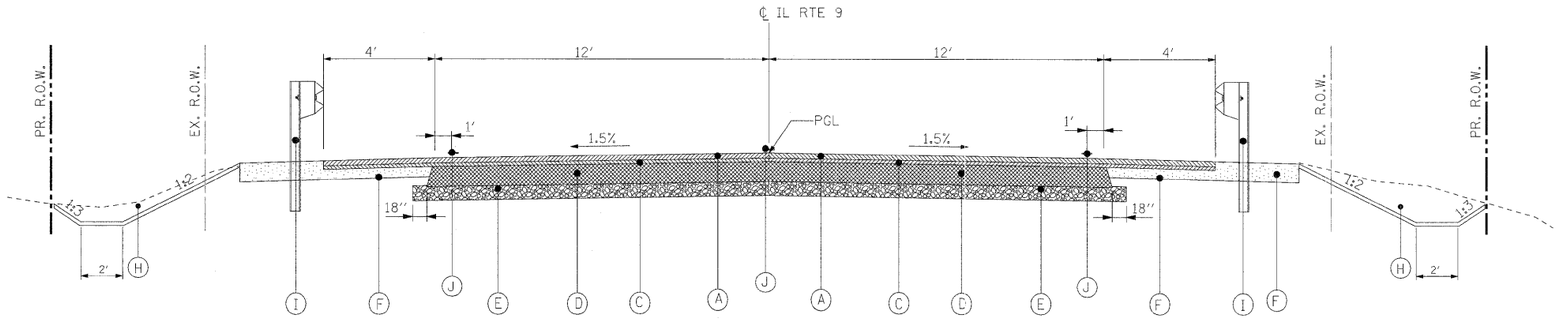
EXISTING ROADWAY TYPICAL SECTION

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

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

NOTE:

1. SEE PLAN AND PROFILE SHEETS FOR HMA SHOULDER STABALIZATION LOCATIONS.

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / TIES OR MARK CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / ALL ADDITIONS / STRUCTURE NOTATIONS CHKD / NOTE BOOK / NO. / BY / DATE

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED DB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS SN 027-2552 SHEET 1 OF 2		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN NS/RM	REVISED -				697	(17)I	FORD	29	4
	PLOT SCALE = $SCALE$	CHECKED AS	REVISED -						CONTRACT NO. 66874		
	PLOT DATE = $DATE$	DATE DECEMBER 2008	REVISED -		SCALE: NTS	SHEET NO. 1 OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		