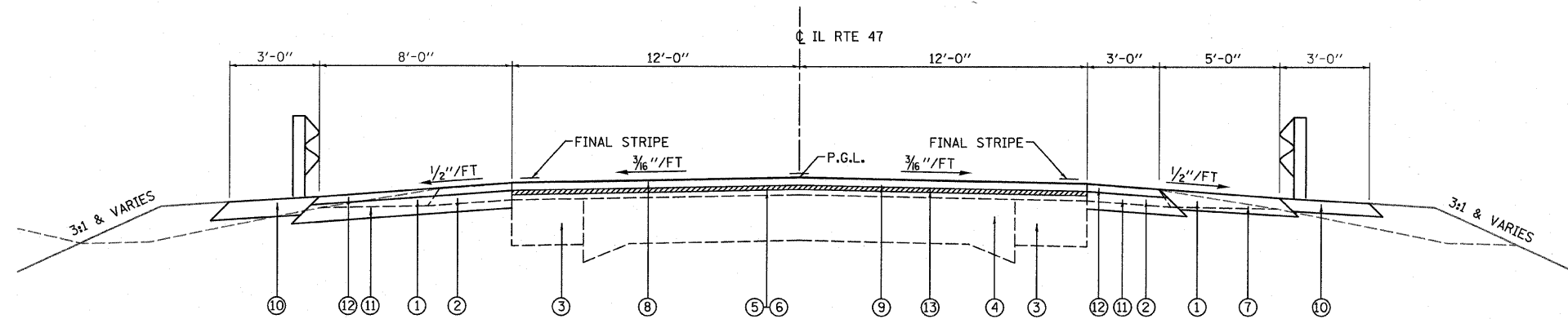


LEGEND

- ① EXISTING AGGREGATE SHOULDER
- ② EXISTING BITUMINOUS SHOULDER
- ③ EXISTING PCC BASE COURSE
- ④ EXISTING PCC PAVEMENT
- ⑤ EXISTING BITUMINOUS LEVELING BINDER
- ⑥ EXISTING BITUMINOUS SURFACE COURSE
- ⑦ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- ⑧ PROPOSED 1 1/2" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
- ⑨ PROPOSED 1" LEVELING BINDER (MACHINE METHOD), N50
- ⑩ PROPOSED BITUMINOUS STABILIZATION 6" AT STEEL PLATE BEAM GUARDRAIL
- ⑪ PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING (8")
- ⑫ PROPOSED HOT-MIX ASPHALT SHOULDERS (1 1/2")
- ⑬ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



PROPOSED TYPICAL SECTION

(SOUTH OF STRUCTURE)
 STA. 462+16.00 TO STA. 465+07.00
 (NORTH OF STRUCTURE)
 STA. 467+07.00 TO STA. 470+06.00

NOTE: SPBGR TY A
 STARTS AT STA.
 463+93.85 LT AND ENDS
 AT STA. 468+32.65 LT

SPBGR TY A
 STARTS AT STA.
 464+56.35 RT AND ENDS
 AT STA. 467+57.65 RT

MIXTURE REQUIREMENTS

	HMA LEVEL BINDER	HMA SURFACE	HMA BASE COURSE & BASE COURSE WIDENING	HMA SHOULDERS
PG GRADE	PG64-22	PG64-22	PG58-22	PG58-22
MAX % RAP ALLOWABLE**	15%	10%	25%	25%
DESIGN AIR Voids	4.0% @ N70	4.0% @ N70	4.0% @ N50	3.0% @ N50
MIXTURE COMPOSITION	IL 9.5	IL 12.5 or IL 9.5	IL 19.0	IL 19.0
FRICTION AGGREGATE		MIXTURE D		
DENSITY TEST METHOD	SATISFACTION OF ENGINEER	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR

NOTE: 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/OA SPECIFICATION.

** IF THE RAP PERCENTAGE IS DIFFERENT THAN LISTED ABOVE, THE PG GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
H:\jeff delete\26054.004-graser\Technical	Production\Civil\sheets\01.dgn	DRAWN -	REVISED -		326	119 BR-2	GRUNDY	52	4			
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 66688							
	PLOT DATE = 8/8/2009	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				