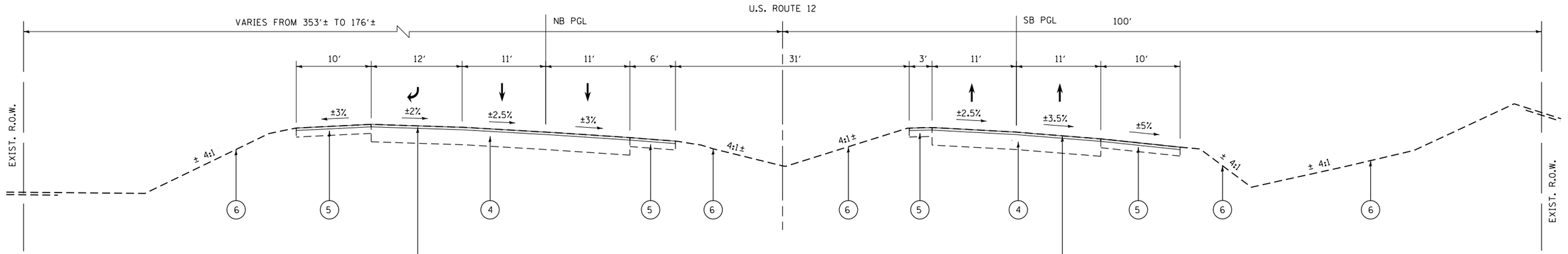
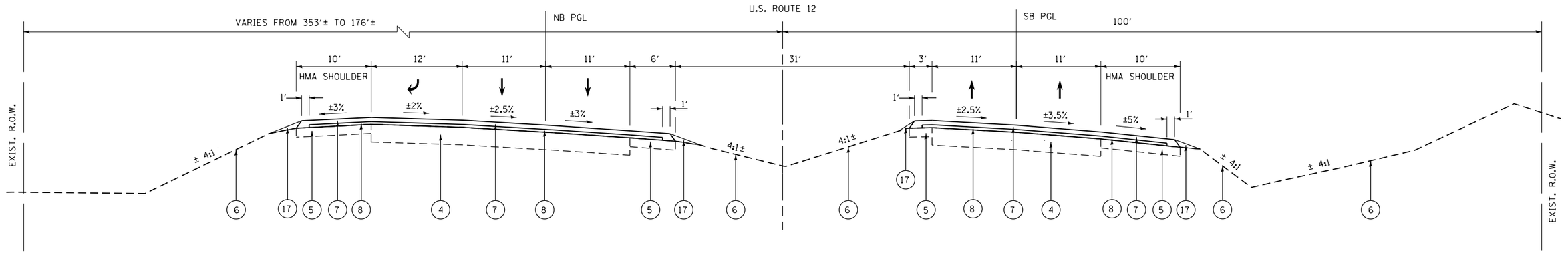


THE SURFACE OF THE EXISTING PCC PAVEMENT BEING OVERLAYED BY HMA PAVEMENT, SHALL BE GRINDED TO 1-INCH IN ORDER TO CREATE A ROUGH SURFACE FOR BETTER BONDING. THIS ITEM SHALL BE PAID FOR AS " Z0037200 PAVEMENT GRINDING".

EXISTING TYPICAL SECTION U.S. ROUTE 12

STA. 500+43.69 TO STA. 505+70.56 (NORTHBOUND)
STA. 500+43.69 TO STA. 505+88.67 (SOUTHBOUND)

THE SURFACE OF THE EXISTING PCC PAVEMENT BEING OVERLAYED BY HMA PAVEMENT, SHALL BE GRINDED TO 1-INCH IN ORDER TO CREATE A ROUGH SURFACE FOR BETTER BONDING. THIS ITEM SHALL BE PAID FOR AS " Z0037200 PAVEMENT GRINDING".



PROPOSED TYPICAL SECTION U.S. ROUTE 12

STA. 500+43.69 TO STA. 505+70.56 (NORTHBOUND)
STA. 500+43.69 TO STA. 505+88.67 (SOUTHBOUND)

NOTE: SEE IDOT DISTRICT ONE STANDARD DETAIL BD-32 FOR THE TAPER LENGTH BETWEEN THE HMA PAVEMENT AND PCC PAVEMENT.

LEGEND

1. EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
2. EXISTING HOT-MIX ASPHALT BINDER COURSE, 3"
3. EXISTING HOT-MIX ASPHALT BINDER COURSE, 9 1/4"
4. EXISTING P.C. PAVEMENT, 9 1/2" (HINGE JOINTED)
5. EXISTING HOT-MIX ASPHALT SHOULDER, 8"
6. EXISTING TOPSOIL & SODDING
7. PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
8. PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"
9. PROPOSED HOT-MIX ASPHALT BASE COURSE, 7"
10. PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
11. PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
12. PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING, 7"
13. PROPOSED CONCRETE MEDIAN SURFACE, 4"
14. PROPOSED TOPSOIL EXCAVATION AND PLACE, 8"
15. PROPOSED SEEDING, CLASS 2A
16. PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 6"
17. PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
18. PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
19. PROPOSED PIPE UNDERDRAINS 6"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	**AIR VOIDS Ndes**
PAVEMENT RESURFACING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL 9.5 mm, MIX "F", N90, 1¾"	4% @ 90 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"	3.5% @ 50 GYR.
PAVEMENT WIDENING & RESURFACING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL 9.5 mm, MIX "F", N90, 1¾"	4% @ 90 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"	3.5% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 7"	4% @ 90 GYR.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm) 11 INCHES (IN FOUR LIFTS)	4% @ 90 GYR.

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.

FILE NAME = $FILE1$

SHT_PLAN

USER NAME = $USER$	DESIGNED - MTM	REVISED -
	DRAWN - MTM	REVISED -
PLOT SCALE = $SCALE$	CHECKED - BA	REVISED -
PLOT DATE = $DATE$	DATE - 3/27/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS

SCALE: N.T.S. | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	TR-TS	LAKE	58	12
		CONTRACT NO. 60T88		
	ILLINOIS	FED. AID PROJECT		