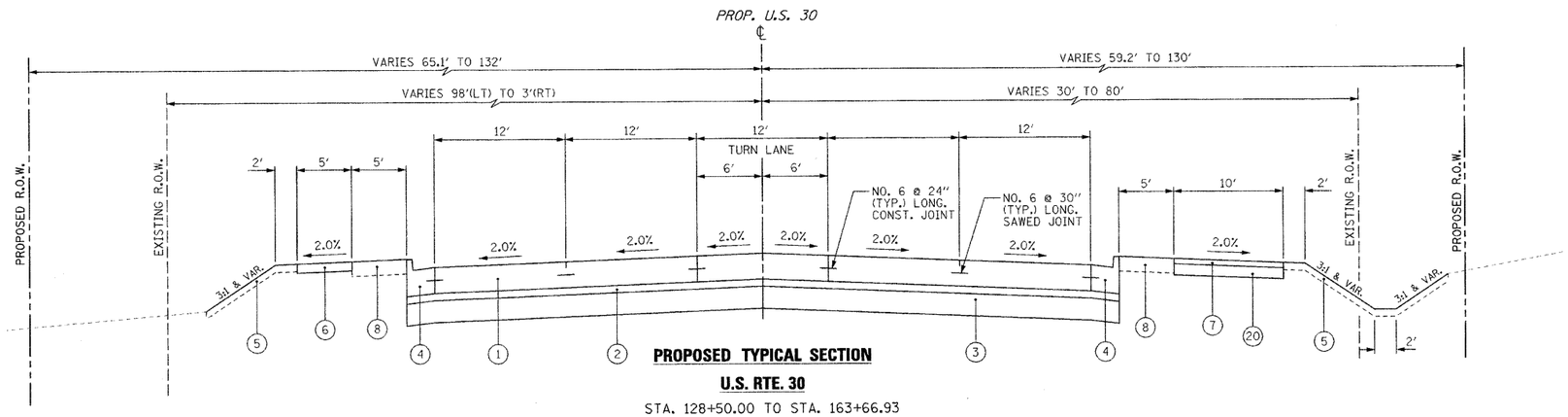
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
353	(12&13)WRS-3	WILL	1235	26
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62479



PROPOSED TYPICAL SECTION

U.S. RTE. 30

STA. 128+50.00 TO STA. 163+66.93
STA. 175+82.55 TO STA. 179+45.79

NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS
FULL DEPTH PAVEMENT - US ROUTE 30	
HOT-MIX ASPHALT PAVEMENT SURFACE COURSE, MIX "D", N70 (IL 9.5mm); 2"	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70 ; 11¾", 3 LIFTS	4% @ 70 GYR
FULL DEPTH PAVEMENT - LOCATION 1	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm); 2"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50 ; 7", 2 LIFTS	4% @ 50 GYR
FULL DEPTH PAVEMENT - LOCATION 2	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50 ; 7", 2 LIFTS	4% @ 50 GYR
FULL DEPTH PAVEMENT - CEDAR	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm) ; 2"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50 ; 2¼"	4% @ 50 GYR
PAVEMENT WIDENING - US ROUTE 30	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) ; 2"	4% @ 70 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 ; ¾"	4% @ 70 GYR
HOT-MIX ASPHALT BASE COURSE WIDENING ; 11", 3 LIFTS ((HMA BINDER IL 19 mm)) A	4% @ 50 GYR
PAVEMENT WIDENING - MARLEY	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm) ; 1½"	4% @ 50 GYR
LEVELING BINDER (MACHINE METHOD), N50 ; ¾"	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm); 6¾", 2 LIFTS	4% @ 50 GYR
PAVEMENT WIDENING - SCHOOLHOUSE	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm); 1½"	4% @ 50 GYR
LEVELING BINDER (MACHINE METHOD), N50 ; ¾"	4% @ 50 GYR
HMA BASE COURSE WIDENING (HMA BINDER IL-19 mm) ; 6¾", 2 LIFTS	4% @ 50 GYR
STABILIZED SUBBASE	
STABILIZED SUBBASE HMA (IL-19 mm); 4½"	3% @ 50 GYR
DRIVEWAYS	
HMA SURFACE COURSE, MIX "C", N50 (IL 9.5 mm) ; 2"	4% @ 50 GYR
HMA BASE COURSE (HMA BINDER IL-19 mm) ; PE -6", CE -8"	4% @ 50 GYR
TEMPORARY PAVEMENT* A	
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 1½"	4% @ 50 GYR
TEMP PAVEMENT (HMA BINDER IL-19 mm); 8½", 2 LIFTS	4% @ 50 GYR
BIKEPATH	
HMA SURFACE COURSE, MIX "C", N50 (IL 9.5 mm); 3"	4% @ 50 GYR
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR
TEMPORARY SURFACE	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm); 2"	4% @ 50 GYR

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

* IF CONTRACTOR CHOOSES TO USE CONCRETE THAN THE THICKNESS SHALL BE 10". A

LOCATION 1

1. WALONA AVE
2. PLEASANT ST
3. SPENCER RD
4. BRISBANE RD/ANDERSON RD
5. LINCOLNWAY DR
6. HIGHSCHOOL W ENTRANCE
7. HIGHSCHOOL E ENTRANCE
8. VANCINA LN
9. GARFIELD AVE
10. WEST CIRCLE DR
11. ARROWHEAD RD/BLUESTONE DR
12. EAST CIRCLE DR
13. PRESTANCIA DR
14. TALL GRASS DR
15. RIDGEMORE RD/OWENS RD
16. SETTLERS POND DR
17. 108TH AVE
18. BUTTERNUT TRAIL DR
19. HACKBERRY RD
20. LOCUST ST
21. ELM ST

LOCATION 2

1. MARLEY RD (NORTH LEG)
2. ELSNER RD
3. SCHOOLHOUSE RD (NORTH LEG)

PROPOSED LEGEND

1. PORTLAND CEMENT CONCRETE PAVEMENT, 9¾" (JOINTED)
2. STABILIZED SUBBASE - HOT MIX ASPHALT, 4½"
3. AGGREGATE SUBGRADE 12", SPECIAL
4. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
5. TOPSOIL FURNISH AND PLACE, 4"
6. PORTLAND CEMENT CONCRETE SIDEWALK, 5"
7. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 3"
8. TOPSOIL FURNISH AND PLACE, 8"
9. TOPSOIL FURNISH AND PLACE, 24"
10. CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
11. HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
12. AGGREGATE SUBGRADE, 12"
13. LEVELING BINDER, (MACHINE METHOD), N50, ¾"
14. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1½"
15. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
16. HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2¼"
17. HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 6¾"
18. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1½"
19. HOT-MIX ASPHALT BASE COURSE WIDENING, 6¾"
20. AGGREGATE BASE COURSE, TYPE B 6"
21. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
22. AGREGATE SHOULDERS, TYPE B 6"

REVISIONS	
NAME	DATE
A ADDENDUM A	12/30/10

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

PROPOSED

U.S. RTE. 30 (LINCOLN HWY)

SCALE : 1" = NTS
DATE : / /

DRAWN BY : BEC
CHECKED BY : GB

DLZ ENGINEERS • ARCHITECTS • SCIENTISTS • PLANNERS • SURVEYORS
85 W. ALGONQUIN ROAD, SUITE 210 ARLINGTON HEIGHTS, IL 60005 TEL: (847) 640-0640

$FILE$ $DATE$ $TIME$