



- PROPOSED LEGEND**
- ① PORTLAND CEMENT CONCRETE PAVEMENT, 9 3/4" (JOINTED)
 - ② STABILIZED SUBBASE - HOT MIX ASPHALT, 4 1/2"
 - 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, 3/4"
 - ⑭ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
 - ⑮ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
 - ⑯ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/4"
 - ⑰ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 6 3/4"
 - ⑱ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"
 - ⑲ HOT-MIX ASPHALT BASE COURSE WIDENING, 6 3/4"
 - ⑳ AGGREGATE BASE COURSE, TYPE B 6"
 - ㉑ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
 - ㉒ AGREGATE SHOULDERS, TYPE B 6"

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 ; 1 1/4", 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 ; 2 1/4"	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 ; 3/4"	4% @ 70 GYR
HOT-MIX ASPHALT BASE COURSE WIDENING ; 11", 3 LIFTS	4% @ 50 GYR
PAVEMENT WIDENING - MARLEY	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm) ; 1 1/2"	4% @ 50 GYR
LEVELING BINDER (MACHINE METHOD), N50 ; 3/4"	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm); 6 3/4", 2 LIFTS	4% @ 50 GYR
PAVEMENT WIDENING - SCHOOLHOUSE	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm); 1 1/2"	4% @ 50 GYR
LEVELING BINDER (MACHINE METHOD), N50 ; 3/4"	4% @ 50 GYR
HMA BASE COURSE WIDENING (HMA BINDER IL-19 mm) ; 6 3/4", 2 LIFTS	4% @ 50 GYR
STABILIZED SUBBASE	
STABILIZED SUBBASE HMA (IL-19 mm); 4 1/2"	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	
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 1 1/2"	4% @ 50 GYR
TEMP PAVEMENT (HMA BINDER IL-19 mm); 8 1/2", 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

- LOCATION 1**
1. WALONA AVE
 2. PLEASANT ST
 3. SPENCER RD
 4. BRISBANE RD/ANDERSON RD
 5. LINCOLNWAY DR
 6. HIGH SCHOOL W ENTRANCE
 7. HIGH SCHOOL 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)

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.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

PROPOSED

U.S. RTE. 30 (LINCOLN HWY)

SCALE : 1" = NTS DRAWN BY : BEC

DATE : 10/12/2010 CHECKED BY : GB