



LEGEND

- ① EXISTING HOT-MIX ASPHALT SURFACING, 3" (±)
- ② EXISTING PCC PAVEMENT, 9" (±)
- ③ EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING, 10"
- ④ EXISTING HOT-MIX ASPHALT SHOULDER, ± 6"
- ⑤ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑥ EXISTING PCC SIDEWALK, 4" OR 5"
- ⑦ EXISTING COMB. CONC. CURB & GUTTER, TYPE B-6.12
- ⑧ EXISTING COMB. CONC. CURB & GUTTER, TYPE B-6.24
- ⑨ EXISTING LONGITUDINAL CONST. JOINT WITH #8 DOWEL BARS
- ⑩ PROPOSED HMA SURFACE REMOVAL (VAR. DEPTH)
- ⑪ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4"
- ⑫ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
- ⑬ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑭ PROPOSED GRADING AND SHAPING OF SHOULDERS
- ⑮ PROPOSED AGGREGATE WEDGE SHOULDER TYPE B
- * ⑯ PROPOSED COMB CONC CURB & GUTTER (R & R)
- ⑰ PROPOSED HOT-MIX ASPHALT SHOULDER
- * LOCATIONS TO BE DETERMINED BY THE ENGINEER

HOT-MIX ASPHALT MIXTURE REQUIREMENTS
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.

MIXTURE TYPE	AC/PG	AIR VOIDS (%)
POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50	SBS/SBR PG 76-28	4% @ 50 GYR
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	PG 64-22	4% @ 70 GYR
CLASS D PATCHES BINDER IL-19.0 MM	PG 64-22	4% @ 70 GYR
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES, BINDER IL-19.0 MM	PG 64-22	4% @ 70 GYR

ENTRANCES (PE & CE)

HOT-MIX ASPHALT BASE COURSE	PG 58-22	4% @ 50 GYR
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	PG 64-22	4% @ 50 GYR

HOT-MIX ASPHALT SHOULDER

POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50	SBS/SBR PG 76-28	4% @ 50 GYR
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	PG 64-22	4% @ 70 GYR

NOTE:

THE UNIT WEIGHT USED TO CALCULATE ALL BITUMINOUS SURFACE MIXTURE QUANTITIES IS 112 POUNDS PER SQUARE YARD PER INCH.

- WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE 58-22.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**FAP 525: US 20 (GRANT HIGHWAY)
MEYER ROAD TO WEST UNION ROAD**
PROPOSED TYPICAL SECTIONS
SCALE: VERT. _____
HORIZ. _____
DATE _____ DRAWN BY _____
CHECKED BY _____