

**GENERAL NOTES**

1.) ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

- AMERENIL
- AT&T ILLINOIS
- BOND MADISON WATER COMPANY
- CHARTER COMMUNICATIONS, INC.
- HOME TELEPHONE COMPANY
- VILLAGE OF ST. JACOB
- FRONTIER NORTH, INC.
- CITY OF HIGHLAND
- TRI-TOWNSHIP WATER DISTRICT

MEMBERS OF J.U.L.I.E. (800) 892-0123 OR 811 ARE INDICATED BY \*. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

2.) THE THICKNESS OF HMA LEVELING BINDER SHOWN ON THE PLANS IS A NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.

3.) ALL APPLICATION RATES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS WILL BE ALLOWED AS SPECIFIED BY THE ENGINEER IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

4.) NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED ON THIS PROJECT.

5.) ONE LANE WILL HAVE TO BE USED FOR BOTH DIRECTIONS. FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

6.) THE CONTRACTOR SHALL WAIT A MINIMUM OF TWO WEEKS, BUT SHALL NOT EXCEED THREE WEEKS, AFTER THE APPLICATION OF SEAL COAT AGGREGATE BEFORE INSTALLING PAINT PAVEMENT MARKINGS LINES.

7.) RESIDENT ENGINEER SHALL RECORD BEGINNING AND ENDING STATIONS OF NO PASSING ZONES.

8.) ROAD CONSTRUCTION AHEAD SIGNS (48" X 48") SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING SIDEROADS, AND WILL BE CONSIDERED INCLUDED WITH THE TRAFFIC CONTROL PAY ITEM.

9.) THE FOLLOWING MIX REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.

MIXTURE USE	LEVEL BINDER	INCIDENTAL HMA
AC/PG	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION		
GRADATION MIXTURE	IL 9.5	IL 9.5
FRICTION AGG	MIXTURE 'C'	MIXTURE 'C'

MIXTURE USE	SHOULDERS ≥ 2.25'	SHOULDERS < 2.25'
AC/PG	PG 64-22	PG 64-22
DESIGN AIR VOIDS	**2.0% @ Ndes=30	**2.0% @ Ndes=30
MIX COMPOSITION	NMAS 3/4"	NMAS 3/4"
GRADATION MIXTURE		
FRICTION AGG		

\*\* TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/50 YD/IN.

10.) THE ILLINOIS DEPARTMENT OF TRANSPORTATION STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. PLEASE CONTACT THE DISTRICT 8 EED OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618/874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.

11.) TEMPORARY RAISED PAVEMENT MARKER QUANTITIES DETERMINED AS FOLLOWS:  
 FOR SOLID LINE SPAACING ASSUME ONE MARKER AT 5 FOOT CENTERS  
 FOR SKIP DASH SPAACING ASSUME ONE PAIR OF MARKERS SPACED 4 FEET APART EVERY 40 FEET  
 FOR DOUBLE SOLID LINE SPAACING ASSUME SIDE BY SIDE MARKERS AT 5 FOOT CENTERS

12.) EXCAVATION FOR SHOULDERS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PAY ITEM FOR HOT-MIX ASPHALT SHOULDERS, 8".

13.) THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, AS DIRECTED BY THE ENGINEER.

**HIGHWAY STANDARDS**

- 000001-06
- 001006
- 482001-02
- 701011-04
- 701201-04
- 701306-03
- 701311-03
- 701326-04
- 701901-03
- 780001-04
- 701501-06

**COMMITMENTS**

NONE

**ASSUMED APPLICATION RATES**

- AGGREGATE SURFACE COURSE, TYPE B = 0.00585 TONS/50 YD./IN
- BITUMINOUS MATERIALS (PRIME COAT)
- = 0.0003129 TONS/50 YD (OVER PCC/HMA BASE)
- = 0.001564 TONS/50 YD (OVER AGGREGATE BASE)
- INCIDENTAL HOT MIX ASPHALT SURFACING = 0.056 TONS/50 YD/IN
- AGGREGATE (PRIME COAT)
- = 0.0015 TONS/50 YD (OVER PCC/HMA BASE)
- = 0.0025 TONS/50 YD (OVER AGGREGATE BASE)
- LEVELING BINDER (MACHINE METHOD), N70 = 0.056 TONS/50 YD/IN
- AGGREGATE SHOULDERS, TYPE B = 2.1 TONS/CU YD