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GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
2. THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.
3. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO 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:

UTILITY CO.

- AMEREN IP
- AT&T ILLINOIS
- AT&T CORPORATION
- BOND MADISON WATER COMPANY
- BUCKEYE PARTNERS L.P.-WOOD RIVER PIPELINE
- CENTERPOINT ENERGY
- CHARTER COMMUNICATIONS, INC.
- CONSOLIDATED COMMUNICATIONS
- CITY OF EDWARDSVILLE
- VILLAGE OF HAMEL
- ILLINOIS AMERICAN WATER COMPANY
- VILLAGE OF LIVINGSTON
- MADISON TELEPHONE COMPANY
- MARATHON PIPE LINE LLC
- NORTHEAST CENTRAL COUNTY PUBLIC WATER DISTRICT
- PLAINS MARKETING, L.P.
- SOUTHWESTERN ELECTRIC COOPERATIVE, INC.
- THREE COUNTY PUBLIC WATER DISTRICT
- CITY OF TROY
- LEVEL 3 COMMUNICATIONS

TYPE

- GAS & ELECTRIC COMMUNICATIONS
- COMMUNICATIONS PIPELINE
- PIPELINE
- PIPELINE
- CABLE TV COMMUNICATIONS
- SANITARY SEWER
- SANITARY SEWER WATER
- SANITARY SEWER COMMUNICATIONS
- PIPELINE
- WATER
- PIPELINE
- ELECTRIC
- WATER
- WATER & SANITARY SEWER COMMUNICATIONS

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

4. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING OF THE PROJECT AND ALL ENTRANCE RAMPS; COST TO BE INCLUDED WITH THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE AND 48" X 48". THE CONTRACTOR SHALL FURNISH AND INSTALL WOOD SIGN POST SUPPORTS IN ACCORDANCE WITH SECTION 730 OF THE STANDARD SPECIFICATIONS. HOWEVER, INSTALLATION BY METHOD "A" (ART. 730.04(c)) SHALL BE THE ONLY METHOD PERMITTED.

5. THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE 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.

6. DROP-OFFS ADJACENT TO A MAINLINE EDGE OF PAVEMENT, DURING THE SHOULDER REMOVAL AND REPLACEMENT OPERATIONS OF THE PRE-STAGE CONSTRUCTION PHASE, SHALL BE PROTECTED WITH EXTENDED-HEIGHT CHANNELIZING DEVICES, WITH STEADY BURN LIGHTS, AT 100' SPACING. SINCE THESE DROP-OFFS ARE GREATER THAN 12 INCHES, BUT LESS THAN OR EQUAL TO 18 INCHES, THEY SHALL BE LIMITED TO 0.5 MILES IN LENGTH AND 48 HOURS DURATION.

DROP-OFFS ADJACENT TO A RAMP EDGE OF PAVEMENT, DURING THE EXCAVATION FOR CONCRETE SHOULDERS, SHALL BE PROTECTED BY PLACING EXTENDED-HEIGHT CHANNELIZING DEVICES, WITH STEADY BURN LIGHTS, AT 50' SPACING.

DROP-OFFS ADJACENT TO THE EDGE OF PAVEMENT OF THE MAINLINE OR A RAMP, DUE TO RESURFACING OPERATIONS DURING THE POST-STAGE CONSTRUCTION PHASE, SHALL BE PROTECTED BY PLACING "LOW SHOULDER" SIGNS AT TWO-MILE SPACING, WHEN THE DROP-OFF IS MORE THAN ONE INCH BUT LESS THAN OR EQUAL TO THREE INCHES.

7. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	SMA SURFACE	POLY BINDER*	BINDER/PATCHING
AC/PG	SBS PG 76-22	SBS PG 76-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ Ndes=80	4.0% @ Ndes=90	4.0% @ Ndes=90
MIX COMPOSITION	SEE SPEC.		
(GRADATION MIXTURE)		IL 19.0	IL 19.0
FRICTION AGGREGATE	SMA	MIXTURE "B"	MIXTURE "B"

MIXTURE USE	SHOULDERS ≥ 2.25"	SHOULDERS < 2.25"	BASE CSE. FOR STAGE CONST./ INCIDENTAL HMA
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	See Contract RAP	See Contract RAP	SEE SPEC.
DESIGN AIR VOIDS	Special Provision	Special Provision	4.0% @ Ndes=90
MIX COMPOSITION	**2.0% @ Ndes=30	**2.0% @ Ndes=30	
(GRADATION MIXTURE)	NMAS 3/4"	NMAS 1/2"	IL 19.0
FRICTION AGGREGATE			MIXTURE "B"

* 3" minimum top lift of Binder on rubblizing sections, 2.25" minimum top lift of Binder on resurfacing only sections.

** 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/SQ YD/IN (59.8 KG/SQ M/25 mm THICKNESS).

8. A QUANTITY FOR CLASS 2 SEEDING, FERTILIZER AND MULCH METHOD 2, BASED ON A STRIP 15' WIDE, LEFT AND RIGHT OF THE MAINLINE, OUTSIDE SHOULDERS AND THE MEDIAN WIDTH 20' THROUGHOUT THE LIMITS OF THE PROJECT AND A STRIP 10' LEFT AND RIGHT OF THE RAMP SHOULDERS HAS BEEN INCLUDED IN THE PLANS TO BE APPLIED TO ALL DISTURBED AREAS.

ANY DISTURBANCE BEYOND THE ABOVE DESCRIBED LIMITS SHALL BE SEEDDED, FERTILIZED, AND MULCHED PER SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS AND SHALL BE AT THE CONTRACTOR'S EXPENSE.

9. BEGINNING AND END STATIONS AS SHOWN IN THE PLANS FOR HTC AND MOW STRIP ARE APPROXIMATE. THE ENGINEER WILL DETERMINE THE EXACT LOCATION.

10. THE MINIMUM DEPTH OF THE LINE POST FOUNDATIONS SHALL BE 30".

11. THE LIMITS OF THE MOW STRIP SHALL BE THE SAME AS THE LIMITS OF THE HTC INCLUDING TERMINAL SECTIONS.

12. REFLECTORS FOR HTC SHALL BE PROVIDED AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS FOR THE TYPE OF HTC BARRIER USED. COST SHALL BE INCLUDED IN HIGH TENSION CABLE MEDIAN BARRIER. MAXIMUM SPACING SHALL BE 50' OR AS DIRECTED BY THE ENGINEER.

13. HTC SYSTEM SHALL BE CHOSEN FROM THE DEPARTMENT'S APPROVED LIST TO BE USED WHERE MEDIAN SLOPES ARE STEEPER THAN 1:6 AND AS STEEP AS 1:4.

14. POST SPACING SHALL BE REDUCED IN AREAS WHERE A MEDIAN HAZARD IS PRESENT (i.e. MEDIAN PIER) AS DIRECTED BY THE ENGINEER. REDUCED POST SPACING SHALL NOT BE ANY SMALLER THAN THE MINIMUM SPACING ALLOWED PER MANUFACTURER'S SPECIFICATIONS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR MODIFYING POST SPACING.

15. ALL WORK REQUIRED FOR THE REMOVAL OF THE PORTION OF THE EXISTING HMA MOW STRIP, INCLUDING SAW CUTTING, SHALL BE INCLUDED IN THE COST FOR PAVED SHOULDER REMOVAL, AS SHOWN IN THE PLANS.

16. TWO WEEKS PRIOR TO PROJECT START-UP, CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AT THE FOLLOWING LOCATIONS AS DIRECTED BY THE ENGINEER:

I-55 NORTH OF IL 4	IL 143 WEST OF I-55	NORTH OF THE SOUTHBOUND REST AREA
IL 4 WEST OF I-55	IL 143 EAST OF I-55	SOUTH OF THE NORTHBOUND REST AREA
IL 4 EAST OF I-55	I-270 WEST OF 3I	
IL 140 WEST OF I-55	I-70 EAST OF 3I	
IL 140 EAST OF I-55	I-55 SOUTH OF 3I	

THE CONTRACTOR SHALL MODIFY THE MESSAGE ON EACH SIGN AS DIRECTED BY THE ENGINEER, AS NEEDED.

THE CONTRACTOR SHALL BE AWARE THAT THE MESSAGE BOARDS MAY REQUIRE RELOCATION THROUGHOUT THE DURATION OF THE PROJECT WITH NO ADDITIONAL COMPENSATION BEING ALLOWED FOR THE RELOCATION.

I-55	RAMP
RUBBLIZE	RESURFACING
2" SMA	2" SMA
3" POLY BIND.	2.25" POLY BIND.
2.25" - 11" BIND.	2.25" - 4.25" BIND.