

**GENERAL NOTES**

- ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS. THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER LISTED OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL DISTURBED UNSURFACED AREAS WITHIN THE ROW AND EASEMENTS SHALL BE SEEDED, FERTILIZED, AND MULCHED AS SHOWN IN THE PLANS, SPECIAL PROVISIONS, AND AS DIRECTED BY THE ENGINEER. SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION.
- FERTILIZER NUTRIENTS SHALL BE APPLIED TO BOTH THE SEEDED AREAS AND THE AREAS COVERED WITH EROSION CONTROL BLANKET.
- DO NOT INCLUDE MULCH OR EMULSIFIED ASPHALT ON EROSION CONTROL BLANKET AREAS.
- BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
- PROTECTIVE COAT SHALL BE APPLIED TO THE SURFACE OF NEW CONCRETE ACCORDING TO SECTION 503 OF THE STANDARD SPECIFICATIONS.
- ALL TREES, BRUSH AND SHRUBS WITHIN THE CONSTRUCTION LIMITS WILL BE REMOVED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. TREES ALONG THE EDGE OF RIGHT OF WAY, OUTSIDE THE CONSTRUCTION LIMITS SHALL BE SAVED IF, IN THE OPINION OF THE ENGINEER, THEY DO NOT INTERFERE WITH CONSTRUCTION OPERATIONS. THE CONTRACTOR WILL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
- TREE REMOVAL, ACRES AS SHOWN IN THE TREE REMOVAL SCHEDULE HAVE BEEN MEASURED FROM RIGHT OF WAY TO RIGHT OF WAY BETWEEN THE STATION LIMITS NOTED IN THE SCHEDULE. THE ACTUAL QUANTITY REMOVED SHALL BE ADJUSTED AS NECESSARY SO THAT TREES BEYOND THE CONSTRUCTION LIMITS WHICH ARE OUTSIDE OF THE CLEAR ZONE CAN BE LEFT IN PLACE AS DIRECTED BY THE ENGINEER.
- IN ACCORDANCE WITH STATE OF ILLINOIS P.A. 86-0674, THE CONTRACTOR IS TO NOTIFY ALL UTILITY COMPANIES NOT MORE THAN 14 DAYS NOR LESS THAN 48 HOURS (EXCLUSIVE OF SATURDAYS, SUNDAYS, AND HOLIDAYS) IN ADVANCE OF THE START OF EXCAVATION OR DEMOLITION.

J.U.L.I.E. TELEPHONE NUMBER  
1-800-892-0123

KNOWN UTILITIES LOCATED WITHIN THE LIMITS OF THIS IMPROVEMENT ARE:

CASS TELEPHONE COMPANY  
CASS CABLE  
AMEREN CIPS (GAS & ELECTRIC)  
FRONTIER COMMUNICATIONS  
MENARD ELECTRIC CO-OPERATIVE

- ALL EXISTING FENCE WITHIN THE PROPOSED RIGHT-OF-WAY SHALL BE REMOVED. THE COST OF THE FENCE REMOVAL WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE, AND ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATIONS, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVE GROUND UTILITIES, REMAINS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S)	NEW MAINLINE PAVEMENT AND RESURFACING				WIDENING AND DRIVEWAY PAVING			
	HMA FULL DEPTH BIND (LOWER LIFTS)	HMA FULL DEPTH BIND (TOP LIFT)	HMA FULL DEPTH SURFACE	HMA SURFACE (RESURFACING)	MACH METH LEVEL BIND	HMA SHOULDERS	HMA BASE CSE, HMA BASE CSE WID, PATCHING	INCIDENTAL BIT SURFACING
AC/PG	PG 64-22	SBS-PG 64-28	SBS-PG 64-28	SBS-PG 64-22	PG 64-22	PG 58-22	PG 58-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50	2.0% @ N DESIGN=30	2.0% @ N DESIGN=50	4.0% @ N DESIGN=50
MIX COMPOSITION (GRADATION MIXTURE)	IL-19.0	IL-19.0	IL-9.5 OR 12.5	IL-9.5 OR 12.5	IL-9.5	BAM (OTHER)	IL-19.0	IL-9.5 OR 12.5
FRICTION AGGREGATE	N/A	N/A	MIX "C"	MIX "C"	N/A	N/A	N/A	MIX "C"

- AN EMULSIFIED ASPHALT PRIME SHALL BE REQUIRED FOR THE PRIMING OF THE MAINLINE PAVEMENT TO BE RESURFACED. THE AREA PRIMED SHALL BE LIMITED TO THAT WHICH WILL BE COVERED WITH HMA THAT SAME DAY.
- EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED PRIOR TO RESURFACING.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:
 

AGGREGATE (SURFACE, BASE, SUBBASE, OR BACKFILL)	2.05 TON/CUBIC YARD
ROCKFILL	1.89 TON/CUBIC YARD
STONE DUMPED RIPRAP	1.50 TON/CUBIC YARD
BITUMINOUS MATERIALS (PRIME COAT)	0.00038 TON/SQUARE YARD (ON PAVEMENT)
BITUMINOUS MATERIALS (PRIME COAT)	0.001425 TON/SQUARE YARD (ON AGGREGATE)
BITUMINOUS MATERIALS (COVER & SEAL COAT)	0.001425 TON/SQUARE YARD
COVER COAT AGGREGATE	0.01 TON/SQUARE YARD
SEAL COAT AGGREGATE	0.01 TON/SQUARE YARD
AGGREGATE (PRIME COAT)	0.002 TON/SQUARE YARD
BITUMINOUS SURFACE/BINDER (112 LBS)	0.056 TON/SQUARE YARD*INCH
BITUMINOUS SURFACE MIX D OR E (120 LBS)	0.060 TON/SQUARE YARD*INCH
NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE
AGRICULTURE GROUND LIMESTONE	2 TON/ACRE
MULCH	2 TON/ACRE
LIME FOR MODIFIED SOILS, 12"	40 LBS/SQUARE YARD
- ALL DETAILS IN THE PLANS SHALL GOVERN CONSTRUCTION OF THIS PROJECT, AND IN CASE OF CONFLICT WITH ANY STANDARD DRAWINGS INCLUDED, THE SAID DETAILS SHALL TAKE PRECEDENCE AND GOVERN.
- ALL PERMANENT AND TEMPORARY SIDE SLOPES SHALL BE CAPPED WITH A MINIMUM OF 8 FT OF UNRESTRICTED SOIL MEASURED HORIZONTALLY. THE PROPOSED RIPRAP ARMOR THICKNESS IS NOT CONSIDERED PART OF THE CAP. SEE THE DETAIL FOR CAPPING RESTRICTED FILL ON SHEET 104 IN THESE PLANS.

**COMMITMENTS**

THE FIELD/RESIDENT ENGINEER SHALL CONTACT DISTRICT 6 STUDIES & PLANS AT 217-782-6990 CONCERNING ANY MAJOR PLAN CHANGES TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN, AND TO ALLOW IMPROVEMENTS IN THE DESIGN FOR FUTURE PROJECTS

SEEDING SHALL BE COMPLETED AS DESIGNATED IN THE STORM WATER POLLUTION PREVENTION PLAN. ALL AREAS OF POTENTIAL FOR EROSION SHALL BE SEEDED BY OCTOBER 1, AND SHALL NOT BE REOPENED UNTIL AFTER THE WINTER SHUT DOWN PERIOD (SEE SWPPP).

ROADS SHALL BE OPENED AT ALL TIMES TO PROVIDE FARMERS ACCESS TO NECESSARY FARM FIELDS.

INDIVIDUAL 404 PERMIT

DUST CONTROL WILL BE HANDLED PROPERLY BY IDOT'S CONTRACTOR. WATER TRUCKS SHALL BE PROVIDED TO KEEP DUST FROM THE PREGRADE FROM BLOWING NEAR HOMES.

AGREEMENT WITH IDNR ON RAMP & PARKING AREA JURISDICTION

STORM WATER POLLUTION PREVENTION PLAN REQUIRED FOR NPDES PERMIT BY IEPA.

SWPPP/ NPDES PERMIT

<b>DISTRICT SIX</b>	
EXAMINED <u>March 20</u> 20 <u>09</u>	
<i>Sam H. Hauer</i>	
OPERATIONS ENGINEER	
EXAMINED <u>March 25</u> 20 <u>09</u>	
<i>Sam H. Hauer</i>	
PROGRAM IMPLEMENTATION ENGINEER	
EXAMINED <u>March 27</u> 20 <u>09</u>	
<i>DRML</i>	
PROGRAM DEVELOPMENT ENGINEER	