

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.
- 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 LOCATION WITHIN THE LIMITS OF THIS IMPROVEMENT ARE:

FRONTIER COMMUNICATIONS
DALLAS RURAL WATER DISTRICT 6
AMEREN CIPS
LA HARPE TELEPHONE COMPANY
WESTERN ILLINOIS ELECTRIC

- 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.
- 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 BITUMINOUS CONCRETE THAT SAME DAY.
- THE COST OF PLACING RUMBLE STRIPS IN THE BITUMINOUS SHOULDERS FOR THE MAINLINE PAVEMENT TO BE RESURFACED SHALL BE INCLUDED IN THE COST OF BITUMINOUS SHOULDERS.
- 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" 0.02 TON/SQUARE YARD

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

NEW MAINLINE PAVEMENT AND RESURFACING

MIXTURE USE(S)	BIT CONC FULL DEPTH BIND (LOWER LIFTS)	BIT CONC FULL DEPTH BIND (TOP LIFT)	BIT CONC FULL DEPTH SURFACE	BIT CONC SURFACE (RESURFACING)	MACH METH LEVEL BIND	BIT SHOULDERS (LOWER LIFTS)*
AC/PG	PG 64-22	SBS-PG 64-28	SBS-PG 64-28	SBS-PG 64-28	SBS-PG 64-22	PG 58-22
RAP % (MAX)	15%	0%	0%	0%	15%	15%
DESIGN AIR VOIDS	4.0% @ N DESIGN=70	4.0% @ N DESIGN=70	4.0% @ N DESIGN=70	4.0% @ N DESIGN=70	4.0% @ N DESIGN=70	2.0% @ N DESIGN=30
MIX COMPOSITION: (GRADATION MIXTURE)	SUPERPAVE IL-19.0	SUPERPAVE IL-19.0	SUPERPAVE IL-9.5 OR 12.5	SUPERPAVE IL-9.5 OR 12.5	SUPERPAVE IL-9.5	BAM
FRICITION AGGREGATE	N/A	N/A	MIX "D"	MIX "D"	N/A	N/A

* USE SUPERPAVE BITUMINOUS CONCRETE MIXTURE IL-9.5L (LOW ESAL) FOR TOP LIFT OF BITUMINOUS SHOULDERS (SEE SPECIAL PROVISIONS)

NEW SIDEROAD PAVEMENT

MIXTURE USE(S)	BIT CONC BASE CSE	BIT CONC BINDER CSE	BIT CONC SURF CSE
AC/PG	PG 58-22	PG 64-22	PG 64-22
RAP % (MAX)	15%	15%	15%
DESIGN AIR VOIDS	2.0% @ N DESIGN=50	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50
MIX COMPOSITION: (GRADATION MIXTURE)	SUPERPAVE IL-19.0	SUPERPAVE IL-19.0	SUPERPAVE IL-9.5 OR 12.5
FRICITION AGGREGATE	N/A	N/A	MIX C

TEMPORARY WIDENING AND DRIVEWAY PAVING

MIXTURE USE(S)	BIT CONC BASE CSE	INCIDENTAL BIT SURFACING
AC/PG	PG 58-22	PG 64-22
RAP % (MAX)	15%	15%
DESIGN AIR VOIDS	2.0% @ N DESIGN=50	4.0% @ N DESIGN=50
MIX COMPOSITION: (GRADATION MIXTURE)	SUPERPAVE IL-19.0	IL-9.5 OR 12.5
FRICITION AGGREGATE	N/A	MIX "C"

- MAINTAIN EXISTING TRAFFIC CONTROL AT ALL INTERSECTIONS DURING CONSTRUCTION.
- ALL PIPE TEES WHICH ARE TO BE PLUGGED, SHALL RECEIVE 6" THICK PLUG OF CAST IN PLACE CONCRETE AS DIRECTED BY THE ENGINEER TO SATISFACTORY SEAL THE END OF THE PIPE TEE. ALL COST INCLUDED IN BID PRICE OF THE PIPE TEE.
- A GEOTECHNICAL REPORT HAS BEEN COMPLETED FOR THIS PROJECT AND IS AVAILABLE FOR REVIEW BY THE CONTRACTORS PRIOR TO BIDDING AT IDOT, DISTRICT SIX ANNEX BUILDING, 2713 STEVENSON DRIVE, SPRINGFIELD, IL (MATERIALS SECTION).
- UNLESS OTHERWISE NOTED, THE OFFSETS SHOWN IN THE PLANS FOR THE END OF PIPE CULVERTS ARE TO THE END OF THE LAST SECTION OF PIPE NOT TO THE END OF THE END SECTION.
- GROUND IMPROVEMENTS MAY BE REQUIRED PRIOR TO PLACING PRECAST BOX CULVERT CULVERT SECTIONS. SEE SCHEDULE OF QUANTITIES. THE ENGINEER WILL DETERMINE THE NEED FOR GROUND IMPROVEMENTS AFTER EXCAVATION TO THE THEORETICAL BOTTOM OF BEDDING ELEVATION.

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.

LETTERS OF UNDERSTANDINGS (HAUL ROAD AGREEMENTS) WITH HANCOCK COUNTY ROAD DISTRICT NO. 6.

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.

TEMPORARY FENCE WILL BE INSTALLED BY IDOT'S CONTRACTOR PRIOR TO CUTTING OR REMOVING ANY EXISTING FENCES THAT ARE CONTAINING LIVESTOCK. STORM WATER POLLUTION PREVENTION PLAN REQUIRED FOR NPDES PERMIT BY IEPA.

THE TRUSTEES OF THE FIRST UNITED METHODIST CHURCH OF CARTHAGE, OWNERS OF PROPERTY AT THE NORTHEAST CORNER OF TR 232 AND IL 336, WILL OVERSEE AND COMPLETE ALL FIELD TILE REPLACEMENT AND MODIFICATIONS THEMSELVES.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	34-4	HANCOCK	452	3

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
D-96-551-02
CONTRACT NO. 72680

LEGEND			
	PROPOSED SPECIAL DITCH		SIDEWALK REMOVAL
	PROPOSED STANDARD DITCH		RIPRAP DITCH LINING (SEE SCHEDULE FOR TYPE)
	EXISTING DITCH		EXISTING RIPRAP
	BEGINNING OF PROFILE GRADE		TEMPORARY PAVEMENT WIDENING
	END OF PROFILE GRADE		BITUMINOUS ENTRANCE
	PIPE UNDERDRAIN		BITUMINOUS SURFACE REMOVAL - BUTT JOINT
	SPECIAL DITCH PROFILE LT		HEAVY DUTY EXCELSIOR BLANKET
	SPECIAL DITCH PROFILE RT		ENERGY DISSIPATING BASIN (SEE DETAIL)
	SPECIAL MEDIAN DITCH PROFILE		STILLING BASIN (SEE DETAIL)
			TO BE REMOVED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

FAP ROUTE 315
GENERAL NOTES, LEGEND,
AND COMMITMENTS

DRAWN BY JCG

DATE 1/31/06

CHECKED BY JRB