

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8173	(69-HB)BR	MORGAN	63	2
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 72837

GENERAL NOTES

THE COST OF ADDITIONAL LABOR AND MATERIALS NOT ACCOUNTED FOR ON THE PLANS, WHICH MIGHT BE INVOLVED IN CONNECTING EXISTING DRAIN TILE OR STORM SEWERS TO PROPOSED DRAINAGE STRUCTURES, SHALL BE INCLUDED IN THE COST OF THE PROPOSED DRAINAGE STRUCTURES.

THE ENDS OF EXISTING DRAINAGE LINES WHICH ARE NOT TO BE INCORPORATED INTO THE PROPOSED IMPROVEMENT ARE TO BE SEALED. THE COST OF SUCH WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED DRAINAGE ITEM.

THE CONTRACTOR MAY BE REQUIRED TO CONDUCT SOME OF HIS GRADING AND STORM SEWER OPERATIONS AROUND TRANSMISSION POLES AND UNDER TRANSMISSION LINES. THE ADDED COST OF SO DOING SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

EXISTING PAVEMENT, SIDEWALK, DRIVEWAY PAVEMENT, CURB, CURB AND GUTTER, ETC., DAMAGED DUE TO THE CONTRACTOR'S OPERATIONS AND NOT OTHERWISE NECESSARY TO REPLACE SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

ALL EXISTING DRAINAGE STRUCTURES, NOT BEING REMOVED BY THE CONTRACTOR, THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

FOR INLETS AND MANHOLES CONSTRUCTED IN CONJUNCTION WITH THE CURB AND GUTTER, THE DISTANCE SHOWN ON THE PLANS IS FROM THE SURVEY BASELINE TO THE FACE OF CURB. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT EACH INLET OR MANHOLE, AT THE PROPOER LOCATION, SO THAT THE FRAME OR GRATE MATCHES THE CURB LINE.

FOR ALL MANHOLES OR INLETS NOT CONSTRUCTED IN CONJUNCTION WITH THE CURB AND GUTTER OR CURB, THE DISTANCE SHOWN ON THE PLANS IS TO THE CENTER OF THE MANHOLE OR INLET.

ALL LATERAL STORM SEWERS ARE TO BE PLACED ON A ONE PERCENT GRADE UNLESS OTHERWISE NOTED ON THE PLANS BY INVERT ELEVATIONS.

WHEN DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTER OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED DRAINAGE ITEMS.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS IMPROVEMENT.

EXISTING CONCRETE SIGN BASES AND OTHER MISCELLANEOUS CONCRETE NOT SPECIFICALLY SHOWN ON THE PLANS INTERFERING WITH PROPOSED CONSTRUCTION SHALL BE REMOVED. COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

TRAFFIC CONTROL SIGNS REMOVED MUST BE RESET AT THEIR PERMANENT LOCATIONS IN A WORKMANLIKE MANNER AND VISIBLE TO TRAFFIC ON THE ROADWAY. THESE SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH THE 'MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS', LATEST EDITION. THE COST OF SUCH WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS REPRESENTS THE BEST KNOWLEDGE OF THE DEPARTMENT AND THE INDICATED ADJUSTMENTS OR RECONSTRUCTION ARE CONSIDERED TO BE REASONABLY ACCURATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY, AS DETAILED IN SECTION 563 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION TO VERIFY LOCATIONS OF UNDERGROUND INSTALLATIONS BEFORE STARTING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL INDEMNIFY THE DEPARTMENT, ITS OFFICERS, AND EMPLOYEES AGAINST ALL CLAIMS DUE TO DAMAGE TO CORPORATE OR PRIVATE PROPERTY RESULTING FROM THIS CONSTRUCTION OPERATIONS AS DESCRIBED IN ARTICLE 107.20 AND 107.26 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:
CITY OF JACKSONVILLE (WATER & SEWER)
VERIZON (TELEPHONE)
MEDIACOM (CABLE TV)
AMEREN IP (ELECTRIC)
AMEREN IP (GAS)

THE THICKNESS OF HMA MIXTURES 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.

THE ELEVATIONS AND EXACT SIZE OF ALL EXISTING WATER MAINS AND SANITARY SEWERS SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO BEGINNING CONSTRUCTION OF EACH RUN OF STORM SEWER TRUNK LINE OR LATERAL LINE WITHIN WHICH A CROSSING OF EITHER OR BOTH TYPES OF THESE EXISTING UTILITIES IS TO BE ENCOUNTERED. THE CONTRACTOR SHALL THEN DETERMINE WHICH OF THE ABOVE OPTIONS HE WILL USE TO RESOLVE THE CONFLICT BETWEEN THE PROPOSED STORM SEWER AND THE EXISTING UTILITY. THE APPROVAL OF THE RESIDENT ENGINEER SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO STARTING CONSTRUCTION OF THIS SEGMENT OF STORM SEWER.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP 4 INCHES IN AREAS TO BE SEEDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS LIFTS OF HMA.

WHERE SECTION OR SUB-SECTION 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 SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DESTROYED BY HIS OPERATIONS.

ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE 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.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

THE REMOVAL OF ALL SIGNS, POLES, FENCES, LAWN ORNAMENTS, OR OTHER UNCLASSIFIED ITEMS NOT SPECIFICALLY PAID FOR SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE FOR EARTH EXCAVATION.

ASPHALT SIDEWALKS WHICH ARE TO BE REMOVED SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT AS SIDEWALK REMOVAL.

THE REMOVAL OF HMA SURFACING NOT ON A RIGID TYPE BASE REMOVED IN CONJUNCTION WITH THE BASE SHALL BE REMOVED AS EARTH EXCAVATION.

THE REMOVAL OF HMA SURFACING ON A RIGID TYPE BASE SHALL BE REMOVED WITH THE BASE AS PAVEMENT REMOVAL.

WHENEVER IT IS NECESSARY TO REMOVE EXISTING GRAVEL OR CRUSHED STONE BASE COURSE, IT SHALL BE REMOVED AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ADDITIONAL LABOR OR EQUIPMENT REQUIRED.

THE CONTRACTOR SHALL COMPLY WITH THE ENVIRONMENTAL PROTECTION AGENCY (E.P.A.) REGULATIONS WHICH APPLY TO STORM SEWER CONSTRUCTION REGARDING THE HORIZONTAL AND VERTICAL SEPARATION OF A STORM SEWER LINE FROM ANY EXISTING OR PROPOSED WATER MAIN. AT LOCATIONS WHERE THE SEPARATION IS INADEQUATE, THE CONTRACTOR SHALL ADJUST THE WATER MAIN TO PROVIDE THE REQUIRED SEPARATION OR CONSTRUCT THE STORM SEWER OF THE MATERIAL SPECIFIED IN THE E.P.A. REGULATIONS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

AGGREGATE SUBBASE	2.05 TON/CU YD
STONE DUMPED RIPRAP	1.75 TON/CU YD
HMA MATERIALS PRIME COAT	0.00038 TON/SO YD (ON PAVEMENT)
HMA SURFACE/BINDER (112LBS)	0.056 TON/SO YD*IN
NITROGEN FERTILIZER NUTRIENT (SEEDING)	90 LBS/ACRE
PHOSPHOROUS FERTILIZER NUTRIENT (SEEDING)	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT (SEEDING)	90 LBS/ACRE
AGRICULTURE GROUND LIMESTONE (SEEDING)	2 TON/ACRE
MULCH (SEEDING)	2 TON/ACRE
NITROGEN FERTILIZER NUTRIENT (SODDING)	0.0186 LBS/SO YD
PHOSPHOROUS FERTILIZER NUTRIENT (SODDING)	0.0011 LBS/SO YD
POTASSIUM FERTILIZER NUTRIENT (SODDING)	0.0074 LBS/SO YD
AGRICULTURE GROUND LIMESTONE (SODDING)	0.000046 TON/SO YD
SUPPLEMENTAL WATERING (SODDING)	0.009 UNITS/SO YD (3APPL. @ 3GAL/SO YD)







THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S)	HMA SURF CSE	HMA BINDER CSE & PATCHING	HMA LEVELING BINDER	HMA SHOULDERS
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 58-22
DESIGN AIR VOIDS	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50	2.0% @ N DESIGN=30
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL-9.5 OR 12.5	IL-19.0	IL-9.5	BAM
FRICITION AGGREGATE	MIX "C"		N/A	N/A

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.

LEGEND

	BITUMINOUS SURFACE REMOVAL BUTT JOINT		ITEM TO BE REMOVED
	PAVEMENT PATCHING, TYPE, SO YD		TRENCH BACKFILL, CU YD
	PAVEMENT REMOVAL	TC = 670.04	TOP OF CURB ELEVATION
	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL	L = 668.75	LID ELEVATION
		G = 669.60	GRATE ELEVATION

LIST OF STANDARDS

- 000001-06
 - 280001-05
 - 420401-08
 - 442201-03
 - 515001-03
 - 542301-03
 - 542601-03
 - 602301-03
 - 602306-03
 - 602401-03
 - 602406-04
 - 602601-02
 - 602701-02
 - 604001-03
 - 604011-04
 - 604036-02
 - 606001-04
 - 630001-09
 - 630101-09
 - 630301-05
 - 631011-07
 - 631031-09
 - 635006-03
 - 635011-02
 - 701006-03
 - 701011-02
 - 701201-04
 - 701301-04
 - 701311-03
 - 701801-04
 - 701901-01
 - 704001-06
 - 780001-02
 - BLR 21-8
 - BLR 22-6
- 601101-01

DISTRICT SIX	
EXAMINED <u>October 19</u> 20 <u>10</u>	
<i>Chris Waller</i>	
OPERATIONS ENGINEER	
EXAMINED <u>October 22</u> 20 <u>10</u>	
<i>Terry Fountain</i>	
PROJECT IMPLEMENTATION ENGINEER	
EXAMINED <u>October 13</u> 20 <u>10</u>	
<i>ARML</i>	
PROGRAM DEVELOPMENT ENGINEER	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, STANDARDS,
INDEX OF SHEETS, COMMITMENTS,
AND LEGEND

DATE 10/15/10

DRAWN BY JCW
CHECKED BY JRB