

GENERAL NOTES

THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS REPRESENTS THE BEST KNOWLEDGE OF THE OWNER AND THE INDICATED ADJUSTMENTS ARE CONSIDERED TO BE REASONABLY ACCURATE. IT SHALL BE THE CONTRACTORS 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 OWNER, ITS OFFICERS, AND EMPLOYEES AGAINST ALL CLAIMS DUE TO DAMAGE TO CORPORATE OR PRIVATE PROPERTY RESULTING FROM HIS OR HER CONSTRUCTION OPERATIONS AS DESCRIBED IN ARTICLES 107.20 AND 107.26 OF THE STANDARD SPECIFICATIONS.

ALL EXISTING PUBLICLY AND PRIVATELY OWNED UTILITIES REQUIRING ADJUSTMENT WILL BE MADE BY THE UTILITY COMPANY INVOLVED UNLESS OTHERWISE NOTED. WHERE NO PROVISIONS HAVE BEEN MADE FOR ADJUSTMENT ON THE PLANS, NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO DELAYS OR INCONVENIENCES CAUSED BY SAID UTILITY ADJUSTMENTS.

WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCE THEIR LOCATIONS.

DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL COMPLY WITH THE LEGAL LOAD LIMITS ESTABLISHED BY THE CITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY LUGS, CLEATS ON TREADS, WHEELS OR EQUIPMENT OR BY EXCESSIVE WEIGHTS AND LOADS.

STOCKPILING OF MATERIALS WILL BE ALLOWED ON CITY PROPERTY AT MUTUALLY AGREEABLE LOCATIONS, NO STOCKPILING OF MATERIALS SHALL BE ALLOWED ON THE TRAVELED SURFACE OF EXISTING ROADS AND HIGHWAYS THAT ARE OPEN TO TRAFFIC.

EXISTING PAVEMENT, SIDEWALK, AND CURB AND GUTTER, DAMAGED DUE TO THE CONTRACTORS NEGLIGENCE SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

TRENCH BACKFILL SHALL BE PROVIDED UNDER ALL ROADWAY SURFACES, DRIVEWAYS AND SIDEWALKS.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT PROJECT.

ALL PROPOSED PAVEMENT WIDTHS SHOWN ON THE PLANS ARE MEASURED FACE TO FACE OF CURBS AND ALL ALIGNMENT CALCULATIONS HAVE BEEN MADE ON THE FACE OF THE PROPOSED CURB, UNLESS OTHERWISE NOTED ON THE PLANS. ALL ELEVATIONS SHOWN REFER TO THE U.S.G.S. DATUM AT MEAN SEA LEVEL.

THE NOMINAL THICKNESS FOR THE BASE BITUMINOUS BINDER AND SURFACE COURSE ARE SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEMS SHALL NOT BE LESS THAN 90 PERCENT OF THE NOMINAL THICKNESS AT ANY LOCATION.

DOMESTIC CURB BOXES OR WATER METER VAULTS ENCOUNTERED WHICH REQUIRE ADJUSTING SHALL BE ADJUSTED SO THAT THE TOP OF THE BOX OR VAULT IS FLUSH WITH THE FINISHED GRADE. COST OF THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE COST OF EARTH EXCAVATION.

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

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

WHEREVER 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 AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ADDITIONAL LABOR OR EQUIPMENT REQUIRED.

ENGINEER WILL NOT BE RESPONSIBLE FOR CONTRACTOR'S MEANS, METHODS, TECHNIQUES, SEQUENCE OR PROCEDURES OF CONSTRUCTION, OR THE SAFETY PRECAUTIONS AND PROGRAMS INCIDENT THERETO, AND THE ENGINEER WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO PERFORM OR FURNISH THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

LEGEND

- ← GUY WIRE
- POWER POLE
- SIGN
- MAILBOX
- TELEPHONE PEDESTAL
- 20" TREE & SIZE
- W — WATER MAIN
- G — GAS MAIN
- S — SANITARY SEWER
- SS — STORM SEWER
- INLET
- M → POWER POLE TO BE MOVED
- M → WATER METER VAULT
- WATER VALVE
- MANHOLE
- GAS VALVE
- M → WATER METER VAULT TO BE MOVED
- FIRE HYDRANT
- ⊗ 20" TREE TO BE REMOVED
- PROPOSED MANHOLE
- PROPOSED INLET
- ▨ SURFACE REMOVAL - BUTT JOINT
- ▨ SURFACE REMOVAL - ROTO-MILL
- ▨ CLASS D PATCH
- ▨ PAVEMENT WIDENING
- ▨ P.C. CONCRETE DRIVEWAY PAVEMENT
- T.B. TRENCH BACKFILL


RATES OF APPLICATION TABLE	
AGGREGATE (SURFACE, BASE, SUBBASE, OR BACKFILL)	2.05 TON / CU YD
STONE DUMPED RIPRAP	1.75 TON / CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.08 GALLON / SQ YD
AGGREGATE (PRIME COAT)	0.002 TON / SQ YD
BITUMINOUS SURFACE / BINDER (112 LBS)	0.056 TON / SQ YD * IN
BITUMINOUS SURFACE MIX D OR E (112 LBS)	0.056 TON / SQ YD * IN
SEEDING AREAS:	
NITROGEN FERTILIZER NUTRIENT	90 LBS / ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS / ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS / ACRE
AGGRICULTURAL GROUND LIMESTONE	2 TON / ACRE
MULCH	2 TON / ACRE

UTILITIES

- J.U.L.I.E. - (800) 892-0123
[REQUIRES 48 HOURS ADVANCE NOTICE]
- WATER - CITY OF MACOMB PUBLIC WORKS
233 CENTER STREET
(309) 833-2821
- GAS - AMEREN / C.I.P.S.
(888) 789-2477
- ELECTRIC - AMEREN / C.I.P.S.
(888) 789-2477
- SEWER - CITY OF MACOMB PUBLIC WORKS
233 CENTER STREET
(309) 833-2821
- TELEPHONE - VERIZON
(800) 892-0123
- CABLE - INSIGHT COMMUNICATIONS
1504 EAST JACKSON STREET
MACOMB, ILLINOIS 61455
(309) 833-4539

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S)	SURFACE COURSE	BINDER COURSE
AC/PG	SBS PG70-28	SBS PG70-28
RAP % (MAX)		
DESIGN AIR VOIDS	4.2% @ NDESIGN 50	4.2% @ NDESIGN 50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR IL 12.5	IL 19.0
FRICTION AGGREGATE	MIX D	N/A

DRAWN BY <u>M.G.M.</u> CHECKED BY <u>D.B.H.</u> APPROVED BY <u>W.J.S.</u> DATE <u>JANUARY, 2005</u>	GENERAL NOTES AND LEGEND EAST GRANT STREET IMPROVEMENTS
REVISIONS DATE BY	MACOMB, ILLINOIS  Consulting Engineers / Land Surveyors 1970 West Lafayette Avenue Jacksonville, Illinois 62650 Phone : 217-245-4146 Fax : 217-245-4149 IL Design Firm Registration No. 184-000852
FIELD BOOK:	SCALE: JOB NO. 04e1466 SHEET 2 OF 66