

## GENERAL NOTES & SUMMARY OF QUANTITIES

### PROCEDURE NOTES

1. ALL CONSTRUCTION SHALL COMPLY WITH THE IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", JANUARY 1, 2007 EDITION (INCLUDING CURRENT SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS), "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" (LATEST EDITION), AND THE VILLAGE OF SHERMAN DEVELOPMENT CODE.
2. NO WORK SHALL COMMENCE UNTIL ALL TRAFFIC CONTROL REQUIREMENTS ARE MET.
3. ALL UTILITIES, SCHOOL DISTRICTS, LOCAL POLICE AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
4. TRENCH BACKFILL REQUIRED FOR ALL UTILITIES (I.E. SANITARY, WATERMAIN, STORM SEWERS, ETC.) SHALL BE I.D.O.T. SPECIFIED CA-7 MATERIAL.
5. DURING CONSTRUCTION, THE CONTRACTOR WILL BE REQUIRED, AT HIS/HER EXPENSE, TO HAVE A WATER TRUCK OR SIMILAR EQUIPMENT AVAILABLE TO CONTROL DUST IF NECESSARY. THE CONTRACTOR SHALL BE REQUIRED TO CONTROL DUST DURING WORKING AND NON-WORKING HOURS.
6. ALL EXCESS MATERIAL (BROKEN CONCRETE, CULVERT PIPE, WASTE ROADWAY EXCAVATION AND SURPLUS MATERIAL FROM SEWER TRENCHES SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SELECT DUMP SITES AND OBTAIN PERMISSION TO USE SUCH DUMP SITES. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
7. ACCESS TO ALL SIDE ROADS AND ENTRANCES SHALL BE MAINTAINED BY THE CONTRACTOR DURING ALL STAGES OF CONSTRUCTION, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
8. THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE ALL ROAD SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING ALL STAGES OF CONSTRUCTION. THIS WORK SHALL BE INCLUDED IN THE COST OF THIS CONTRACT.
9. ALL WORK INVOLVING ROAD SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:
  - A. SIGNS SHALL NOT BE MOVED UNTIL NECESSITATED BY THE PROGRESS OF WORK.
  - B. EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND VISIBLE TO TRAFFIC FOR WHICH IT IS INTENDED. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.
  - C. ALL SIGNS SHALL BE RE-ERECTED AT PROPOSED LOCATIONS AS THE ROADWAY IS COMPLETED. HORIZONTAL LOCATION FROM THE EDGE OF PAVEMENT SHALL BE AS DIRECTED BY THE ENGINEER.
  - D. ALL UNUSED SIGNS SHALL BE RETURNED TO THE VILLAGE OF SHERMAN OR SANGAMON COUNTY, AS DIRECTED BY THE ENGINEER.
10. THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. (JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS) TOLL-FREE @ 1 (800) 892-0123, 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY WORK.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL PUBLIC AND PRIVATE UTILITY COMPANIES, WHICH MAY HAVE OVERHEAD OR UNDERGROUND FACILITIES IN THE AREA, BEFORE CONSTRUCTION BEGINS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL AGENCIES MAINTAINING SANITARY SEWERS, WATER MAINS, AND STREET LIGHTS TO VERIFY THE MATERIALS AND METHODS ALLOWED FOR THE ADJUSTMENT, RELOCATION OR EXTENSION OF THE UTILITY INVOLVED.
13. THE INFORMATION PERTAINING TO THE LOCATION OF THE EXISTING OVERHEAD OR UNDERGROUND UTILITY FACILITIES SHOWN ON THE PLANS HAS BEEN TAKEN FROM THE RECORDS OF THE UTILITY COMPANIES. THE INFORMATION IS INCLUDED ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. THE COUNTY, THE VILLAGE AND THE ENGINEER ASSUME NO RESPONSIBILITY WHATSOEVER WITH RESPECT TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS RELATIVE TO THE LOCATION OF ANY OF THE UTILITY FACILITIES.
14. SPECIAL CARE SHALL BE TAKEN IN EXCAVATING AND GRADING NEAR UTILITIES AND TREES TO BE SAVED IN ORDER TO AVOID UNNECESSARY DAMAGE.
15. 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 PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
16. ALL DISTURBED EARTH SURFACES WITHIN THE LIMITS OF THE RIGHT-OF-WAY AND EASEMENTS SHALL BE SEEDED AS DIRECTED BY THE ENGINEER. QUANTITIES FOR "NITROGEN FERTILIZER NUTRIENT", "PHOSPHORUS FERTILIZER NUTRIENT", AND "POTASSIUM FERTILIZER NUTRIENT", SHALL BE USED IN ACCORDANCE WITH SECTION 201 FOR TREE ROOT PRUNING; SECTION 250 FOR SEEDING; AND SECTION 252 FOR SODDING APPLICATION METHODS, AND RATIOS SHALL BE SPECIFIED IN THE APPLICABLE SECTION.
17. THE VILLAGE ENGINEER WILL PERFORM ALL CONSTRUCTION STAKING.

### OVERHANGING LIMBS

1. OVERHANGING LIMBS ARE TO BE TRIMMED OR CUT OFF TO PROVIDE A MINIMUM VERTICAL CLEARANCE OF TWENTY (20) FEET FROM THE FINISHED SURFACE OF THE SHARED USE PATH.
2. LIMB PRUNING SHALL BE PERFORMED UNDER THE SUPERVISION OF AN APPROVED TREE EXPERT AND SHALL BE UNDERTAKEN IN A TIMELY FASHION SO AS NOT TO INTERFERE WITH CONSTRUCTION.
3. ALL CUTS OVER ONE (1) INCH IN DIAMETER SHALL BE MADE FLUSH AND SHALL BE PAINTED WITH AN APPROVED TREE PAINT.
4. ALL LIMBS, BRANCHES, AND OTHER DEBRIS RESULTING FROM THIS WORK SHALL BE DISPOSED OF BY THE CONTRACTOR, AT HIS/HER OWN EXPENSE, OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY.
5. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THIS CONTRACT.

### ROADWAY EXCAVATION

1. ALL EXISTING CULVERTS, STORM SEWERS, OR DRAINAGE STRUCTURES MARKED FOR REMOVAL ON THE PLANS OR DESIGNATED IN THE FIELD BY THE ENGINEER TO BE REMOVED SHALL BE REMOVED AND ANY EXCAVATION SHALL BE BACKFILLED WITH A GRANULAR MATERIAL MEETING THE SPECIFICATIONS FOR CA-7. THE COST OF ALL LABOR AND MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT UNIT PRICES FOR STORM SEWER REMOVAL UNLESS PAID FOR AS A SPECIFIC ITEM.
2. ALL EXISTING GRANULAR AND BITUMINOUS MATERIALS TO BE REMOVED AND NOT PAID FOR AS A SPECIFIC ITEM SHALL BE CONSIDERED EARTH EXCAVATION AND WILL BE PAID FOR AT THE UNIT PRICE FOR EARTH EXCAVATION. THE CONTRACTOR WILL HAVE THE OPTION OF REMOVING THE EXISTING BITUMINOUS MATERIAL BY GRINDING OR EXCAVATING THE MATERIAL. BITUMINOUS MATERIAL REMOVED BY EXCAVATION MAY NOT BE USED IN EMBANKMENT AREAS UNLESS SPECIFICALLY AUTHORIZED BY THE ENGINEER. BITUMINOUS MATERIAL REMOVED BY GRINDING MAY BE USED AS EMBANKMENT MATERIAL. NO BITUMINOUS MATERIAL SHALL BE REMOVED IN AREAS TO BE USED FOR TEMPORARY ROADWAY.
3. THE CONTRACTOR SHALL NOT CROSS COMPLETED BASE COURSE, OR EXISTING PAVEMENTS NOT SCHEDULED TO BE REMOVED, WITH LOADED SCRAPERS.
4. ALL EMBANKMENTS AND SUB-GRADE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER PRIOR TO PLACING PCC SIDEWALK 4 INCH.
5. ALL SUITABLE EXCESS MATERIAL FROM SEWER TRENCHES, SIDE ROADS, ENTRANCES, OR OTHER NECESSARY EXCAVATION SHALL BE USED IN THE CONSTRUCTION OF THE ROADWAY. PLACEMENT AND COMPACTION OF SPOIL MATERIALS FROM STORM SEWER REMOVAL, STORM SEWER CONSTRUCTION AND UNDERCUT AREAS SHALL BE INCLUDED IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
6. UTILITY POLES, PEDESTALS, MANHOLES AND FIRE HYDRANTS SHALL NOT BE DISTURBED BY THE CONTRACTOR. FINISHING AROUND THESE POLES, PEDESTALS, MANHOLES, OR HYDRANTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE INCLUDED IN THE COST FOR EARTH EXCAVATION.
7. SHARED USE PATH ONLY - UPON EXCAVATING TO THE PROPOSED SUBGRADE ELEVATION, THE ROADWAY SHALL BE PROOF-ROLLED, IN THE PRESENCE OF THE FIELD ENGINEER, BY A RUBBER Tired SEMI TRUCK TRAILER LOADED WITH TWENTY (20) TONS. UPON PROOF-ROLLING, IF ANY OF THE SUBGRADE AREAS ARE FOUND TO BE PUMPING OR EXCESSIVE RUTTING IS OBSERVED, ALL OF THE SOFT OR UNSUITABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH COMPACTED GRANULAR FILL (POROUS GRANULAR EMBANKMENT) TO THE PROPOSED SUBGRADE ELEVATION. THIS FILL MATERIAL SHALL BE COMPACTED TO A MINIMUM 95% OF MAXIMUM DRY DENSITY OBTAINED IN ACCORDANCE WITH ASTM D 698-91.
8. SAWCUTS ARE INCLUDED IN THE COST FOR THE ITEM BEING REMOVED.

### APPLICATION RATES

1. THE FOLLOWING APPLICATION RATES WERE USED IN CALCULATING QUANTITIES.
 

ITEM	RATE OF APPLICATION
ALL BITUMINOUS CONCRETE	= 112 LBS. / SQ. YD. INCH
BITUMINOUS MATERIALS (PRIME COAT) ON AGGREGATE BASES	= 0.00156 TONS / SQ. YD.
AGGREGATE (Base Course)	= 2.05 TONS / CU. YD.
NITROGEN FERTILIZER NUTRIENT	= 90 LBS. / ACRE
PHOSPHORUS FERTILIZER NUTRIENT	= 90 LBS. / ACRE
POTASSIUM FERTILIZER NUTRIENT	= 90 LBS. / ACRE
MULCH, METHOD 2	= 2 TONS / ACRE

### LEGEND

	EXISTING	PROPOSED
LIGHT STANDARD	⊗	⊗
POWER POLE, PL	□ or PL	■
ELECTRICAL CABINET	⊕	⊕
TRAFFIC SIGNAL	⊕	⊕
TRAFFIC SIGNAL CONTROL BOX	⊗	⊗
FIRE HYDRANT	⊙	⊙
CATCH BASIN	○	●
INLET	—	—
MANHOLE	⊙	⊙
WATER VALVE VAULT	⊗	⊗
WATER VALVE	⊙	⊙
GAS VALVE	⊙	⊙
TELEPHONE VAULT	⊕	⊕
SIGN	⊕	⊕
SOIL BORING	⊕	⊕
SANITARY SEWER	—	—
STORM SEWER	—	—
WATER PIPE	—	—
GAS PIPE	—	—
TELEPHONE LINE	—	—
ELECTRIC	—	—

HOT - MIX ASPHALT MIXTURE REQUIREMENTS					
ITEM	AGGREGATE COMPOSITION	ASPHALT GRADE	DESIGN AIR VOIDS		MIXTURE WT.
HMA SURFACE	IL - 9.5 OR 12.5 MIX C	PG 64 - 22	4.0% @ N50		112 LB/SYIN

### UTILITY COMPANIES IN AREA:

<b>AMERITECH - TELEPHONE</b> 4918 W. 95TH STREET OAK LAWN, IL. 60453 (847) 222-5402 ATTN: MR. STEVE GATZ	<b>CASS COMMUNICATIONS MGMT., INC. - CABLE</b> 100 REDBUD ROAD VIRGINIA, IL. 62691 (217) 452-7725 ATTN: MR. CHAD WINTERS	<b>VILLAGE OF WILLIAMSVILLE - WATER</b> 141 W. MAIN WILLIAMSVILLE, IL. 62693 (217) 566-3806 ATTN: MR. ROBERT HARRIS
<b>AMEREN CILCO - ELECTRIC</b> 825 N. MACARTHUR BLVD. SPRINGFIELD, IL. 62702 (217) 753-5187 ATTN: MS. SHERRIE GARY	<b>VERIZON NORTH, INC. - TELEPHONE</b> 1312 E. EMPIRE STREET BLOOMINGTON, IL. 61701 (309) 663-3885 ATTN: MS. WENDY BOCOCK	
<b>AMEREN CILCO - GAS</b> 825 N. MACARTHUR BLVD SPRINGFIELD, IL. 62702 (217) 753-5187 ATTN: MR. EDDIE LYNCH	<b>MENARD ELECTRIC CO-OP - ELECTRIC</b> 122 S. SIXTH STREET PETERSBURG, IL. 62675 (217) 632-7746 ATTN: MR. JAMES RECHNER	

FILE NAME =	USER NAME = IE Consultants	DESIGNED -	REVISED -	<b>VILLAGE OF SHERMAN</b>	<b>GENERAL NOTES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
GA\S07009-01\oad\General\7009\GNSHT		DRAWN -	REVISED -				08-00014-00-SW	SANGAMON	47	2
	PLOT SCALE = 40,000 FT / IN.	CHECKED -	REVISED -							
	PLOT DATE = 2/13/2009	DATE -	REVISED -							
SCALE: SHEET NO. OF SHEETS STA. TO STA.						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CONTRACT NO. 08-00014-00-SW  
 SHEET 2 OF 47