

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	04-00040-00-LS	COOK	31	2
F.H.W.A. REG.	ILLINOIS	PROJECT:	F-0348(028)	
CONTRACT NUMBER 83863				

GENERAL NOTES

- ALL EARTHWORK, GRADING, UTILITIES, AND STREET IMPROVEMENTS WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, AND ALL REVISIONS THERETO.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND HEALTHFUL WORKING CONDITIONS IN ACCORDANCE WITH SECTION 107 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION THROUGHOUT THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
- SOIL EROSION AND SEDIMENTATION CONTROL PRACTICES AND DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE URBAN COMMITTEE OF THE ASSOCIATION OF ILLINOIS SOIL AND WATER CONSERVATION DISTRICTS' PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL IN ILLINOIS, AND ALL REVISIONS THERETO AND IN ACCORDANCE WITH THE DETAILS ON THE PLANS.
- THE CONTRACTOR SHALL BE AWARE OF POTENTIAL CONFLICTS WITH EXISTING UTILITIES AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL EXCAVATE AROUND UTILITIES TO DETERMINE ELEVATIONS BEFORE BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING EACH OF THE UTILITY COMPANIES BEFORE ANY WORK COMMENCES. ALL UTILITIES SHALL BE STAKED PRIOR TO CONSTRUCTION.
- THE OWNER WILL FURNISH THE CONTRACTOR WITH LINES, GRADES AND ELEVATIONS NECESSARY TO THE PROPER PROSECUTION AND CONTROL OF THE WORK ONLY.
- THE CONTRACTOR SHALL GIVE THE ENGINEER AT LEAST SEVENTY-TWO (72) HOURS NOTICE FOR ANY STAKING TO BE DONE. EACH OF THE VARIOUS ITEMS OF WORK COVERED BY THIS CONTRACT WILL BE STAKED ONCE. ADDITIONAL STAKING REQUIRED DUE TO THE CONTRACTOR'S NEGLIGENCE IN PRESERVING THE STAKES SHALL BE PAID FOR BY THE CONTRACTOR AT THE CURRENT HOURLY RATE.
- THE CONTRACTOR SHALL INFORM THE ENGINEER, PALOS HEIGHTS, AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION.

TELEPHONE NUMBERS:

ENGINEER - (630) 271-0770
 PALOS HEIGHTS - (708) 361-1805
 ILLINOIS DEPARTMENT OF TRANSPORTATION - (847) 705-4300

- THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE PLANS AND SPECIFICATIONS AND SHALL INFORM THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES THAT THE CONTRACTOR DISCOVERS DURING THE BIDDING PERIOD. SAID DISCREPANCIES WILL BE CLARIFIED BY THE ENGINEER TO THE BEST OF HIS ABILITY PRIOR TO RECEIPT OF BIDS. THE ENGINEER WILL BE UNRECEPTIVE TO CLAIMS FOR ADDITIONAL COMPENSATION FOR WORK ITEMS BECAUSE OF CONTRACTOR'S LACK OF COMPLIANCE WITH THIS REQUIREMENT.
- THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY OF ANY LATENT DISCREPANCIES THAT THE CONTRACTOR DISCOVERS DURING THE CONSTRUCTION PROCESS. THE ENGINEER WILL BE UNRECEPTIVE TO CLAIMS FOR ADDITIONAL COMPENSATION FOR WORK PERFORMED TO CORRECT A LATENT CONDITION NOT BROUGHT TO THE ATTENTION OF THE ENGINEER.
- THE CONTRACTOR SHALL NOT PLACE ANY EXCAVATED MATERIAL UPON ANY TOPSOIL. THE TOPSOIL SHALL BE REMOVED FROM ALL AREAS TO BE FILLED AND SHALL BE STOCKPILED IN AREAS AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL NOT DISCHARGE INTO STREAMS, PONDS, WETLANDS OR ITS TRIBUTARIES ANY MOTOR OIL, TRANSMISSION FLUID, LUBRICANTS OR ANY OTHER PETROLEUM DISTILLATES, ANY PETROLEUM DISTILLATES DISCHARGED ON THE GROUND SURFACE SHALL BE PROMPTLY AND PROPERLY REMOVED PRIOR TO THE RESUMPTION OF ANY WORK ON THE PROJECT.
- THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING FIELD TILES. ANY FIELD TILES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS SOLE EXPENSE. INVESTIGATION SHALL BE MADE TO INSURE THAT FIELD TILES DO NOT CONVEY OFF SITE WATER. TILES THAT CONVEY OFF SITE WATER SHALL BE REROUTED THROUGH THE SITE. TILES THAT DO NOT CONVEY OFF SITE WATER SHALL BE ABANDONED IN AN APPROPRIATE MANNER APPROVED BY THE COUNTY ENGINEER. FIELD TILES WITHIN A RIGHT-OF-WAY SHALL BE REMOVED AND BACKFILLED WITH CA-6 COMPACTED IN EIGHT INCH LIFTS TO THE BOTTOM OF THE ROADWAY BASE. EXISTING FIELD TILES SHALL BE REMOVED BY SLIT TRENCHING.

14. THE CONTRACTOR SHALL BE RESPONSIBLE TO PLACE OR ADJUST ALL FIRE HYDRANTS, FRAMES AND LIDS OR GRATES, AND ALL GRATES FOR MANHOLES, CATCH BASINS, INLETS AND VALVE VAULTS AT THE ELEVATIONS SHOWN AND SPECIFIED ON THE PLANS. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR SAID ADJUSTMENT AND THE COST OF SAID ADJUSTMENT SHALL BE INCLUDED IN THE UNIT PRICE FOR THE VARIOUS DRAINAGE STRUCTURES MENTIONED ABOVE.

GENERAL NOTES (CONTINUED)

- WHERE SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER, EXISTING DRAINAGE STRUCTURES AND SYSTEMS SHALL BE CLEANED OF DEBRIS AND PATCHED AS NECESSARY TO ASSURE INTEGRITY OF THE STRUCTURE. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR STRUCTURES AND CONTRACT UNIT PRICE PER LINEAL FOOT FOR SYSTEMS WHICH SHALL BE PAYMENT IN FULL FOR CLEANING, PATCHING, REMOVAL AND DISPOSAL OF DEBRIS AND DIRT. DRAINAGE STRUCTURES AND SYSTEMS CONSTRUCTED AS PART OF THIS PROJECT SHALL BE MAINTAINED BY THE CONTRACTOR AT HIS EXPENSE UNTIL FINAL ACCEPTANCE BY THE OWNER OR COUNTY.
- THE CONTRACTOR SHALL KEEP PUBLIC STREET PAVEMENTS CLEAN OF DIRT AND DEBRIS AND, WHEN NECESSARY, SHALL ON A DAILY BASIS CLEAN THE PAVEMENT OF SUCH DIRT AND DEBRIS RESULTING FROM CONSTRUCTION OPERATIONS.
- THE CONTRACTOR SHALL PLACE TOPSOIL AT A 4" MINIMUM DEPTH AND SOD ALL AREAS DESIGNATED BY THE ENGINEER.
- THE CONTRACTOR SHALL EXAMINE THE DRAINAGE PATTERNS SHOWN ON THE PLANS AND MAKE CERTAIN THAT ALL OVERFLOW POINT ELEVATIONS AND CROSS SECTIONS ARE CONSTRUCTED STRICTLY IN ACCORDANCE WITH THOSE SHOWN ON THE PLANS.
- ALL CONSTRUCTION SHALL CONFORM WITH THE PERMIT PLANS AND REVISIONS THERETO APPROVED BY DuPAGE COUNTY AND ILLINOIS-AMERICAN WATER COMPANY.
- THE CONTRACTOR SHALL CONTACT J.U.L.I.E. (1-800-892-0123) PRIOR TO ANY WORK IN THE RIGHT OF WAY OR EASEMENTS TO LOCATE UTILITIES, AND CONTACT THE OWNER'S REPRESENTATIVE SHOULD PUBLIC UTILITIES APPEAR TO BE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS.
- ALL WORK HEREIN PROPOSED SHALL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, THE ILLINOIS DEPARTMENT OF TRANSPORTATION, THE MUNICIPALITY, AND ALL PERTINENT LAWS, DIRECTIVES, ORDINANCES AND THE LIKE SHALL BE CONSIDERED TO BE A PART OF THESE SPECIFICATIONS.
- THE APPROXIMATE LOCATION OF KNOWN PUBLIC UTILITIES ARE SHOWN ON THE PLANS. HOWEVER, THE ENGINEER DOES NOT GAURANTTEE ITS ACCURACY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING EACH OF THE UTILITY COMPANIES BEFORE ANY WORK COMMENCES.
- ALL PROPOSED ELEVATIONS SHOWN ARE RELATIVE TO U.S.G.S. DATUM.

SOIL EROSION AND SEDIMENTATION CONTROL NOTES

- THE FOLLOWING PRINCIPLES SHALL APPLY TO ALL MOVEMENT OF EARTH AND STORM DRAINAGE. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS OTHERWISE DISTURBED ON SITE.
- THE SMALLEST PRACTICAL AREA OF LAND IS TO BE EXPOSED AT ANY GIVEN TIME DURING CONSTRUCTION. EXPOSURE SHALL BE KEPT TO AS SHORT A DURATION OF TIME AS IS PRACTICAL.
- THE CONTRACTOR SHALL INSTALL TEMPORARY SEEDING WHERE EXPOSED AREAS REQUIRE PROTECTION TO CONTROL SOIL EROSION AND SEDIMENTATION DURING CONSTRUCTION AS SPECIFIED HEREIN AND AS DIRECTED BY THE OWNER OR ENGINEER. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DISTURBED AREAS WITHIN 15 CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGIC DISTURBANCE. PERMANENT STABILIZATION SHALL BE DONE WITHIN 15 DAYS AFTER COMPLETION OF FINAL GRADING OF THE SOIL.
- THE CONTRACTOR SHALL INSTALL SEDIMENT BASINS OR SILT TRAPS IF SPECIFIED ON THE DRAWINGS TO CONTROL SEDIMENT FROM LEAVING THE SITE.
- STABILIZE AND PROTECT DISTURBED AREAS. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS, AND THE USE OF TEMPORARY OR PERMANENT MEASURES. MECHANICAL, STRUCTURAL, AND/OR VEGETATIVE CONTROL METHODS SHALL BE USED IN ORDER TO RETARD SOIL EROSION IF DIRECTED BY THE OWNER OR HIS AUTHORIZED REPRESENTATIVE.
- KEEP RUN-OFF VELOCITIES LOW WITH SHORT SLOPES AND LOW GRADIENTS. THE INSTALLATION OF NATURAL VEGETATIVE COVER HELPS TO KEEP STORM WATER VELOCITIES LOW, AND THUS LIMIT SOIL EROSION EFFECTS.
- PROTECT DISTURBED AREAS FROM STORM WATER RUN-OFF. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. PROTECTIVE MEASURES SHALL BE UTILIZED TO DIVERT RUN-OFF FROM DISTURBED AREAS.
- RETAIN SEDIMENT WITHIN THE SITE AREA - SEDIMENT BASINS SHALL BE CONSTRUCTED IN ORDER TO DETAIN SEDIMENT LADEN RUN-OFF SO THAT THE SOIL PARTICLES SETTLE OUT. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.
- ATURAL PLANT COVER SHALL BE MAINTAINED AND PROTECTED AND ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR INSPECTION AND REPAIR DURING CONSTRUCTION.
- PROTECTION OF EXISTING FACILITIES AND UTILITIES - THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY FACILITIES FOR THE PROTECTION OF ALL EXISTING UTILITIES ON OR ADJACENT TO THE PROJECT. ALL STORM SEWER FACILITIES THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, FILTERED, OR OTHERWISE TREATED TO REMOVE SEDIMENT. FURTHERMORE, ANY DAMAGE DONE BY HIM, HIS AGENTS, OR ASSIGNS SHALL BE REPAIRED AT NO ADDITIONAL COMPENSATION.
- DIRT ON PAVEMENT - WHERE A CONTRACTOR'S EQUIPMENT IS OPERATED UPON AN EXISTING PAVEMENT USED BY TRAFFIC THE CONTRACTOR SHALL CLEAN THE PAVEMENT OF ALL DIRT AND DEBRIS AT THE END OF EACH DAY'S OPERATIONS AND AT OTHER TIMES AS DIRECTED BY THE OWNER, THE ENGINEER, OR THE GOVERNING MUNICIPALITY. THE CLEANING WORK SHALL BE CONSIDERED AS INCIDENTAL AND INCLUDED IN THE COST OF THE CONTRACTOR'S CONTRACT FOR THE WORK TO BE PERFORMED.
- DUST CONTROL - THE CONTRACTOR SHALL, IF SPECIFIED AND REQUIRED, BE RESPONSIBLE FOR THE CONTROL OF EXCESSIVE DUST DURING THE CONSTRUCTION PERIOD UNTIL THE ROAD PAVEMENT IS INSTALLED BY THE PAVING CONTRACTOR. THE REQUIREMENT FOR DUST CONTROL SHALL BE AS DIRECTED BY THE LOCAL APPROVING AUTHORITIES OR THE ENGINEER, AND SUCH DUST CONTROL (IF REQUIRED) SHALL BE PAID FOR AS AGREED UPON BY THE OWNER AND THE CONTRACTOR.
- INLET PROTECTION SHALL BE PROVIDED FOR ANY OPEN LID. FILTER FABRIC SHALL BE PLACED ACROSS THE FRAME AND THE LID DROPPED IN PLACE.
- THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING MUNICIPALITY.
- WHEN A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE (3) DAYS, SEDIMENT AND EROSION CONTROL MEASURES WILL BE IMPLEMENTED.
- THE CONTRACTOR SHALL MAKE AN EFFORT TO MINIMIZE USE OF HEAVY EQUIPMENT WITHIN THE DESIGNATED DRAINAGE FACILITIES.
- NO STOCKPILING WITHIN DRIP LINE OF TREES. MAINTAIN TWENTYFIVE (25) FEET MINIMUM DISTANCE BETWEEN STOCKPILES AND DRAINAGE WAY, AND SILT FENCE OR VEGETATIVE COVER ON DOWNHILL SIDE.

LEGEND

PROPOSED	EXISTING	
		- SANITARY MANHOLE
		- SANITARY FLOW
		- SANITARY FORCE MAIN
		- STORM MANHOLE
		- CATCH BASIN
		- INLET
		- FLARED END SECTION
		- STORM FLOW
		- WATER VALVE
		- BUFFALO BOX
		- FIRE HYDRANT
		- WATER MAIN
		- SURFACE FLOW
		- LIGHT FIXTURES
		- SIGNS
		- CONTOURS
		- UNDERGROUND PHONE LINE
		- UNDERGROUND ELECTRICAL LINE
		- UNDERGROUND GAS LINE
		- UNDERGROUND TELEVISION LINE
		- FLOOD ROUTE
		- SOIL EROSION, STRAW BALE PROTECTION FOR STRUCTURES
		- SOIL EROSION, GEOTEXTILE PROTECTION FOR STRUCTURES (IN PARKING AREAS)
		- SOIL EROSION, STRAW BALE PROTECTION FOR CULVERTS & FLARED ENDS
		- SOIL EROSION, DITCH CHECKS
		- SILT FENCE

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 DWG LOCATION: H:\04-PH\3004\PLANS-ENG\REV-1
 DRAWN BY : CJS/CMM FLD. BK. / PG. NO. : .
 COMPLETION DATE : 4/26/06 JOB NO. : 04-PH-3004

HARLEM AVENUE MEDIAN IMPROVEMENTS			
NOTES AND STANDARD SYMBOLS			
DATE	REVISIONS	BY	SHEET
1 6/1/06	PER IDOT 5/18/06	OSC	2 OF 31 SHEETS
2			
3			