

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
02-00001-05-BT	DUPAGE		113	2
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*SOUTHERN DUPAGE REGIONAL TRAIL GREENE VALLEY SPUR				
CONTRACT NO. 83775				

GENERAL NOTES

NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.

ALL UTILITIES, SCHOOL DISTRICTS, LOCAL POLICE AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.

UNLESS AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.

DURING THE CONSTRUCTION, THE CONTRACTOR WILL BE REQUIRED, AT HIS EXPENSE, TO HAVE AVAILABLE A WATER TRUCK OR SIMILAR EQUIPMENT TO CONTROL DUST. IF NECESSARY, THE CONTRACTOR SHALL BE REQUIRED TO CONTROL DUST DURING NON-WORKING HOURS.

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 AND ALL NECESSARY PERMITS TO USE SUCH DUMP SITES. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.

ACCESS TO ALL SIDE ROADS AND ENTRANCES SHALL BE MAINTAINED BY THE CONTRACTOR DURING ALL STAGES OF CONSTRUCTION, UNLESS AUTHORIZED BY THE ENGINEER TO DO OTHERWISE.

THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE ALL ROAD SIGNS WHICH INTERFERE WITH HIS CONSTRUCTION OPERATIONS AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING CONSTRUCTION OPERATIONS. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:

1. SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT. EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO TRAFFIC FOR WHICH IT IS INTENDED. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.
2. ALL SIGNS SHALL BE RE-ERECTED AT PROPOSED LOCATIONS AS THE ROADWAY IS COMPLETED. HORIZONTAL LOCATION FROM THE EDGE OF PAVEMENT SHALL BE AS DESIGNATED BY THE ENGINEER.
3. ALL UNUSED SIGNS SHALL BE RETURNED TO THE COUNTY.

THE CONTRACTOR SHALL NOTIFY THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATING (J.U.L.I.E.) PRIOR TO THE COMMENCEMENT OF ANY WORK.

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.

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 AND THE ENGINEER ASSUME NO RESPONSIBILITIES WHATSOEVER IN RESPECT TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS RELATIVE TO THE LOCATION OF ANY OF THE UTILITY FACILITIES.

SPECIAL CARE SHALL BE TAKEN IN EXCAVATING AND GRADING NEAR UTILITIES AND TREES TO BE SAVED IN ORDER TO AVOID UNNECESSARY DAMAGE.

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 PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

TOPSOIL

TOPSOIL SHALL BE PLACED TO A DEPTH OF SIX (6) INCHES AND BE MEASURED IN SQUARE YARDS.

THE CROSS SECTIONS INDICATE THE FINISHED GRADE OF TOPSOIL.

TOPSOIL SHALL NOT BE STOCKPILED WITHIN THE LIMITS OF CONSTRUCTION. THE LOCATIONS OF TOPSOIL TO BE STOCKPILED WITHIN THE RIGHT-OF-WAY MUST BE APPROVED BY THE ENGINEER.

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

MATERIAL	RATE	UNIT
BITUMINOUS CONCRETE SURFACE COURSE	112	LBS/IN/SQ YD
BITUMINOUS MATERIALS (PRIME COAT)	0.07	GAL/SQ YD
GRANULAR MATERIALS	133	LBS/CU FT
NITROGEN FERTILIZER NUTRIENT (SEEDING)	90	LBS/ACRE
NITROGEN FERTILIZER NUTRIENT (SODDING)	60	LBS/ACRE
PHOSPHOROUS FERTILIZER NUTRIENT (SEEDING)	90	LBS/ACRE
PHOSPHOROUS FERTILIZER NUTRIENT (SODDING)	60	LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT (SEEDING)	90	LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT (SODDING)	60	LBS/ACRE
SUPPLEMENTAL WATERING	3	GAL/SY/APPLICATION

TRAIL EXCAVATION

ALL EMBANKMENTS AND SUB-GRADE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER PRIOR TO PLACING AGGREGATE SUB-BASE GRANULAR MATERIAL.

ALL EXISTING DOMESTIC BUFFALO BOXES ARE TO BE ADJUSTED BY THE CONTRACTOR. THE COST OF THIS WORK WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.

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 CONTRACT UNIT PRICE FOR EARTH EXCAVATION.

BITUMINOUS CONCRETE AND BITUMINOUS BASE COURSE

BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION, TOPSOIL PLACEMENT, AGGREGATE BASE COURSE, AND BITUMINOUS CONCRETE BINDER COURSE HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.

SAWCUT CONSTRUCTION JOINTS SHALL BE PROVIDED AT PAVED COMMERCIAL OR PRIVATE ENTRANCES AND AT ALL SIDE ROADS AS SHOWN ON THE PLANS. THE COST SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE.

EROSION CONTROL

ALL WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 15-116 OF THE DU PAGE COUNTY COUNTYWIDE STORM WATER AND FLOODPLAIN ORDINANCE, EFFECTIVE SEPTEMBER 24, 1991 AND ALL SUBSEQUENT REVISIONS. ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSTALLED PER IDOT STANDARD 280001 OR AS SPECIFIED HEREIN AND PAID FOR IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. ALL CONSTRUCTION ACTIVITIES WILL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT 1LR40.

EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE SEQUENCE OF STAGE CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE FOR APPROVAL.

SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE DISTURBED.

ALL DISTURBED AREAS SHALL BE SEED OR SODDED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED. ALL ERODABLE/BARE AREAS SHALL BE SEED EVERY 7 DAYS WITH TEMPORARY EROSION CONTROL SEEDING. ERODABLE AREAS OUTSIDE AND DOWN SLOPE FROM THE CONSTRUCTION LIMITS SHALL BE SIMILARLY SEEDDED.

THE CONTRACTOR SHALL TAKE ALL THE PRECAUTIONS TO PROTECT WETLANDS TO REMAIN FROM DAMAGE BY SEDIMENT, CONSTRUCTION EQUIPMENT OR BY HIS WORK CREWS. THE CONTRACTOR SHALL ASSURE THAT DEBRIS OR ANY CONSTRUCTION MATERIAL IS NOT DISPOSED OF IN WETLANDS.

WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.

WHEN TEMPORARY DRAINAGE IS ESTABLISHED, EROSION CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER.

GRAVEL ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY AND AS NEEDED.

CLEANING OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE MIXERS, SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT PRACTICAL.

ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.

SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL SYSTEMS WHEN THE HEIGHT OF THE SEDIMENT EXCEEDS ONE-HALF OF THE HEIGHT OF THE FILTER DEVICE.

THE ENGINEER SHALL INSPECT EROSION CONTROL MEASURES PERIODICALLY AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/2 INCH PRECIPITATION. DAMAGED AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED WITHIN 72 HOURS. EROSION CONTROL SYSTEMS REPLACED DUE TO SEDIMENT LOADING WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.

THE COST OF REPAIRING OR REMOVING SEDIMENT FROM EROSION CONTROL SYSTEMS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.

ALL EROSION CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.

TREE REMOVAL - CLEARING - HEDGE REMOVAL

TREES NOT MARKED FOR REMOVAL SHALL BE CONSIDERED AS DESIGNATED TO BE SAVED AND SHALL BE PROTECTED UNDER THE PROVISIONS OF ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS.

ALL LIMBS, BRANCHES AND OTHER DEBRIS RESULTING FROM THIS WORK SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS OWN EXPENSE OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY.

ALL CLEARING, REMOVAL OF BUSHES, HEDGES AND TREES UNDER 6" DIAMETER WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.

STORM SEWERS - STRUCTURES - UTILITIES

THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT OR BITUMINOUS SHOULDER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR THE STRUCTURES TO SET THE FRAME AND GRATES IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF THE STRUCTURE; ELEVATION INDICATES TOP OF LID GRADES.

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.

THE LOCATION AND ELEVATION OF EXISTING UTILITIES ARE APPROXIMATE AND ARE PROVIDED BY THE OWNERS. THE EXACT LOCATIONS AND ELEVATIONS ARE TO BE VERIFIED BY THE CONTRACTOR THROUGH THE OWNER OF THE UTILITY.

EMBANKMENTS SHALL BE COMPLETED TO THE SATISFACTION OF THE ENGINEER PRIOR TO EXCAVATION FOR STORM SEWER.

THE COST OF MAKING STORM SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR STORM SEWER BEING CONNECTED.

ADJUSTMENTS OF STRUCTURES MAINTAINED BY OTHER AGENCIES SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY MAINTAINING THE SYSTEM OF THE STRUCTURE INVOLVED.

ALL MANHOLES AND INLETS SHALL HAVE Poured INVERTS. THE COST OF INVERTS SHALL BE INCLUDED IN THE COST OF THE STRUCTURE.

TRENCH BACKFILL

WHERE TRENCH BACKFILL IS REQUIRED, THE MATERIAL USED SHALL BE COMPACTED AS SPECIFIED IN ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS USING METHOD ONE.

SEQUENCE OF CONSTRUCTION

1. UTILITY RELOCATION BY OTHERS
2. CONSTRUCTION LAYOUT
3. TRAFFIC CONTROL
4. INSTALL EROSION CONTROL
5. REMOVE SIDEWALK & CURB & GUTTER
6. INSTALL CURB & GUTTER
7. ADJUST STRUCTURES
8. ROUGH GRADING AND EARTH EXCAVATION
9. INSTALL BITUMINOUS TRAIL
10. BACKFILL TRAIL
11. TOPSOIL & SOD
12. PAVEMENT MARKING

LEGEND

	EXISTING GAS SIGN		EXISTING TREE (TO BE REMOVED)
	EXISTING ELECTRIC SIGN		PROPOSED TEMPORARY FENCING (TREE TRUNK PROTECTION)
	EXISTING PETROLEUM SIGN		EXISTING ITEM TO BE ADJUSTED
	EXISTING GAS VALVE		TRENCH BACKFILL - CU YD
	EXISTING GAS MAIN		EXISTING WETLANDS
	EXISTING WATER VALVE		EXISTING PCC SIDEWALK REMOVAL
	EXISTING CABLE TELEVISION PEDESTAL		PROPOSED BITUMINOUS BIKE TRAIL
	EXISTING TRAFFIC SIGNAL HANDHOLE		PROPOSED BITUMINOUS ENTRANCE PAVEMENT
	EXISTING BUSH		PROPOSED BITUMINOUS PAVEMENT REMOVAL & REPLACEMENT
	EXISTING GUY WIRE		PROPOSED PAVEMENT PATCHING - TYPE & SQ YD
	EXISTING WATER MANHOLE		PROPOSED PCC SIDEWALK
	EXISTING TELEPHONE MANHOLE		PROPOSED PCC SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED
	EXISTING STORM SEWER MANHOLE		EXISTING BITUMINOUS SHOULDER REMOVAL
	EXISTING SANITARY SEWER MANHOLE		