

GENERAL NOTES

- UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEIR LOCATIONS MUST BE CONSIDERED TO BE APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. ILLINOIS LAW REQUIRES A MINIMUM 48-HOUR NOTICE TO ALL UTILITY COMPANIES BEFORE DIGGING. FIELD LOCATIONS OF UNDERGROUND FACILITIES MAY BE OBTAINED BY CALLING THE J.U.L.I.E. SYSTEM AT 800-892-0123 AND PROVIDING 48 HOURS ADVANCE NOTICE. NON-J.U.L.I.E. MEMBERS MAY BE CONTACTED DIRECT. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED BELOW.
- ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL OR REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER. ALL ROADSIDE OBJECTS (UTILITY POLES, FIRE HYDRANTS, SIGNS, ETC.) SHALL BE RELOCATED TO PROVIDE A MINIMUM OF 3 FEET CLEARANCE, MEASURED FROM THE EDGE OF THE BIKE TRAIL PAVEMENT TO THE NEAR EDGE OF THE OBJECT.
- THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION, WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL.

AT&T
203 GOETHE STREET
FLOOR 2/12
COLLINSVILLE, IL 62234
(618)-346-6426
ATTN: TODD ISAAK

SOUTHWEST ELECTRIC COOP
P.O. BOX 549
GREENVILLE, IL 62246
(618)-664-1025
ATTN: BEN WILES

VILLAGE OF GLEN CARBON
151 NORTH MAIN STREET
GLEN CARBON, IL 62034
(618)-288-1200 x2614
ATTN: THOMAS L. SEDLACEK

CHARTER COMMUNICATIONS
MAPPING & DESIGN DEVELOPMENT
941 CHARTER COMMONS
TOWN & COUNTRY, MO 63017
(636)-220-2174
ATTN: LARRY SAAFIR

AMEREN IP
2600 NORTH CENTER STREET
P.O. BOX 378, MC Q-10
MARYVILLE, IL 62062
ATTN: STEVE RALSTON
(618)-346-1236
ATTN: MARK HOLDENER

ILLINOIS CONSOLIDATED TELEPHONE
121 SOUTH 17TH STREET
MATTOON, IL 61938
(217)-235-3326
ATTN: BARB WILLIAMS

BUCKEYE PIPELINE
934 EDWARDSVILLE ROAD
WOODRIVER, IL 62095
ATTN: JIM JOHNSON

CENTER POINT ENERGY
4500 WEST 61ST STREET
LITTLE ROCK, AR 72209
(501)-377-4614
ATTN: RICK HARDESTER








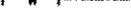





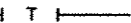







- UTILITY INFORMATION REPRESENTS THE BEST INFORMATION AVAILABLE TO THE LOCAL AGENCY AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN PREPARING HIS/HER BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAY OR INCONVENIENCE CAUSED BY SAME.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
- TOPSOIL MAY BE STOCKPILED ON SITE AND REUSED TO ENSURE THAT A MINIMUM OF 3 INCHES OF SUITABLE MATERIAL IS IN PLACE PRIOR TO SEEDING. SPREADING OF THIS MATERIAL SHALL BE INCIDENTAL TO SHOULDER SHAPING. TOP SOIL WILL BE CONSIDERED AS FURNISHED EXCAVATION.
- WHERE TREE REMOVAL CONFLICTS WITH EXISTING UNDERGROUND UTILITIES, THE CONTRACTOR SHALL CUT THE TREE OFF AT THE GROUND LINE AND GRIND THE STUMP AS DIRECTED BY THE ENGINEER.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE A MAXIMUM 2% CROSS SLOPE FOR ALL SECTIONS OF THE BIKE PATH PAVEMENT IN THE SAME DIRECTION AS THE ADJACENT GROUND LINE TO MAINTAIN DRAINAGE ACROSS THE BIKE PATH. SHOULDER SLOPES SHALL DRAIN AWAY FROM TRAIL PAVEMENT.
- SURPLUS AND/OR UNUSABLE MATERIAL SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". EXCESS GRADING MATERIAL SHALL BE WASTED ALONG THE EDGE OF THE BIKE TRAIL. CARE SHALL BE TAKEN TO ENSURE THAT WASTED MATERIAL SHALL BE KEPT OUT OF THE FLOWLINES OF EXISTING DITCHES AND/OR CREEK BEDS.
- THE LIMITS OF TREE REMOVAL SHALL BE 20-FOOT LEFT AND 20-FOOT RIGHT OF THE CENTERLINE OR AS SHOWN IN THE PLANS AND DIRECTED BY THE ENGINEER. THE ENGINEER SHALL ESTABLISH THE LIMIT OF TREE REMOVAL PRIOR TO THE CONTRACTOR'S TREE REMOVAL OPERATIONS. EVERY ATTEMPT SHALL BE MADE TO PROTECT OLD GROWTH TIMBER FROM REMOVAL.
- ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVED USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.
- THE CONTRACTOR SHALL BENCH THE PROPOSED EMBANKMENT INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES TO ADJACENT PROPERTIES WHILE PERFORMING PIPE CULVERT REMOVAL AND INSTALLATION AT ENTRANCES.
- PIPE CULVERT INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE STRUCTURE. THE PIPE CULVERT SLOPES SHOWN ON THE PLANS IS THE PERCENT GRADE FROM CENTER TO CENTER OF STRUCTURE. THE LENGTH OF PIPE CULVERT SHOWN ON THE PLANS IS THE DISTANCE FROM CENTER TO CENTER OF STRUCTURE. STORM SEWER SHALL BE MEASURED AND PAID FOR AS SPECIFIED IN ARTICLE 550.09 OF THE "STANDARD SPECIFICATIONS". FLARED END SECTIONS ARE LOCATED BY STATION, OFFSET, AND FLOWLINE ELEVATION AT THE SECTION END OF THE FLARED END SECTION.
- EXCAVATIONS ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND STEADY BURN LIGHTS.
- THE EXACT LOCATION OF SIGNS, BOLLARDS AND KIOSKS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
- ALL TRAFFIC SIGNS WITHIN THE LIMITS OF CONSTRUCTION WHICH INTERFER WITH CONSTRUCTION OPERATIONS ARE TO BE REMOVED AS A PART OF THE CONTRACT AS SPECIFIED IN ARTICLE 107.25 OF THE "STANDARD SPECIFICATIONS".
- CONTRACTOR SHALL ENSURE THAT THE TRAIL MAINTAINS A MINIMUM OF 3-FOOT HORIZONTAL CLEARANCE FROM ALL UTILITY VENTS, SIGNS, AND OTHER VERTICAL OBSTRUCTIONS.

- MARKED STATION AND OFFSETS ARE REFERENCED TO THE BASELINE OF CONSTRUCTION. THE BASELINE, FOUND IN THE PLANS, IS FOR SURVEYING INFORMATION ONLY.
- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT EACH CROSS ROAD AS SHOWN IN THE PLANS, COST TO BE INCLUDED WITH TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLOURESCENT ORANGE. (48" X 48")
- IF ASH TREES ARE REMOVED ON THE PROJECT, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH MEASURES SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. THE IDOA INFORMATION FOR ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT WWW.AGR.STATE.IL.US/EAB.
- MULCH METHOD 1 IS DEDICATED TO TEMPORARY EROSION CONTROL SEEDING. MULCH METHOD 2 IS DEDICATED TO SEEDING, CLASS 2.
- FERTILIZER SHALL BE A READY-MIXED MATERIAL CONTAINING THE FOLLOWING NUTRIENTS IN PERCENT OF TOTAL WEIGHT OF THE READY-MIXED MATERIAL: 12% NITROGEN, 12% AVAILABLE PHOSPHORIC ACID, AND 12% WATER SOLUABLE POTASH (12-12-12 ANALYSIS) OR ANY OTHER MIXTURE HAVING A 1-1-1 RATIO.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES.

GRANULAR MATERIALS, WELL GRADED	2.05	TONS/CU YD
BITUMINOUS PAVEMENT	112	LBS/SQ YD/IN
BITUMINOUS MATERIALS (PRIMECOAT)	0.25	GAL/SQ YD
FERTILIZER NUTRIENTS	N 90	LB/ACRE
	P 90	LB/ACRE
	K 90	LB/ACRE

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:			
HERITAGE BIKEWAY			
MIXTURE USE	SURFACE	LEV BINDER	
ACPG	PG 64-22	PG 64-22	
RAP % (MAX)	10	10	
DESIGN AIR VOIDS	4.0% @ N _{des} =50	4.0% @ N _{des} =50	
MIX COMPOSITION (GRADATION MIXTURE)			
FRICITION AGG	MIXTURE C	MIXTURE C	

LEGEND

	FIRE HYDRANT		GAS METER
	SIGN		GAS VALVE
	BOLLARD		EXIST. R.O.W. LINE
	POWER POLE		WATER LINE
	POWER POLE WITH DOWN GUY		GAS LINE
	FENCE		OVERHEAD ELECTRIC LINE
	BENCH MARK		UNDERGROUND ELECTRIC LINE
	DITCH/SWALE		TELEPHONE LINE
	EXISTING MAILBOX		STREET LIGHT
	WATER METER		TEMP. DITCH CHECK
			EROSION CONTROL BLANKET

HISTORIC MARKERS

STATION	DESCRIPTION
HERITAGE BIKEWAY	
STA. 103+33.76 - 7.24' RT	#1 RAILROAD CONTROL TOWER
STA. 113+44.33 - 12.97' RT	#3 ILLINOIS CENTRAL DEPOT AT COLLINSVILLE ST
STA. 113+48.99 - 12.79' LT	#4 MADISON COAL CORPORATION OFFICES
STA. 124+78.72 - 23.21' RT	#6 COAL WASHER
STA. 125+02.78 - 09.16' LT	#7 SUMMIT STREET 1910 "LITTLE ITALY"
STA. 128+22.36 - 17.42' RT	THE SHALE PIT
STA. 140+65.17 - 12.70' LT	#2 MINE, MADISON COAL CORPORATION
STA. 218+26.61 - 11.50' RT	E ST. LOUIS INTERURBAN ELECTRIC LINE
STA. 281+72.19 - 213.42' RT	#15 MONT STATION GRAIN TOWER