

# GENERAL NOTES

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MONTECELLO RD, CH 18 (FAS 53)	07-00419-00-RS	CHAMPAIGN	162	3
STA.	TO STA.			
F.H.W.A. REG.	ILLINOIS PROJECT	ARA-HSIP-53K108)		

ALL ELEVATIONS SHOWN ARE REFERRED TO THE U.S.G.S. DATUM (NAVD 1988).

WHEREVER IN THE PLANS OR SPECIFICATIONS THE TERM STANDARD SPECIFICATIONS IS USED, IT SHALL BE UNDERSTOOD BY THE CONTRACTOR TO MEAN THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS PREPARED BY THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS AND ADOPTED JANUARY 1, 2007.

ANY REFERENCE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS SHOWN ON THE SCHEDULE OF STANDARD DRAWINGS ON THE COVER SHEET.

ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

THE CONTRACTOR SHALL NOT BEGIN ANY CONSTRUCTION OPERATIONS UNTIL ALL SURVEY MONUMENTS HAVE BEEN SUFFICIENTLY WITNESSED OR REFERENCED BY THE ENGINEER. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PRESERVE AND NOT DISTURB THE EXISTING IRON PIPE MONUMENTS OR RIGHT-OF-WAY MARKERS. ANY IRON PIPE MONUMENTS OR RIGHT-OF-WAY MARKERS SO DISTURBED BY THE CONTRACTOR SHALL BE RESET BY A REGISTERED ILLINOIS LAND SURVEYOR. THE COST FOR RESETTING THESE MONUMENTS SHALL BE PAID FOR BY THE CONTRACTOR.

UTILITIES - THESE DRAWINGS ILLUSTRATE THE APPROXIMATE LOCATION OF ALL KNOWN UNDERGROUND UTILITIES. THE CONTRACTOR MAY EXPECT TO FIND SUCH UTILITIES WITHIN APPROXIMATELY FIVE FEET OF THE POSITION INDICATED ON THE DRAWINGS. BUT IN EVERY CASE THE CONTRACTOR SHALL LOCATE AND UNCOVER SUCH UTILITIES, WITH THE ASSISTANCE OF THE RESPECTIVE UTILITY COMPANIES, BEFORE ANY EXCAVATION IS STARTED.

CALL J.U.L.I.E. 1-800-892-0123 FOR UNDERGROUND UTILITY LOCATION MARKING PRIOR TO START OF CONSTRUCTION.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES AT THE TIME OF CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL COOPERATE WITH THOSE ORGANIZATIONS WHILE THEY PERFORM THEIR WORK.

DURING CONSTRUCTION THE CONTRACTOR MAY ENCOUNTER VARIOUS TYPES OF UNDERGROUND UTILITIES THAT MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL COOPERATE WITH THE ENGINEER AND THE OWNER OF THE UTILITY WHILE THE UTILITY COMPANY ADJUST THEIR FACILITIES IF NECESSARY. IF IT IS DETERMINED THAT THE UTILITY HAS BEEN ABANDONED, THE CONTRACTOR WILL BE DIRECTED TO REMOVE THE UTILITY LINES THAT CONFLICT WITH HIS WORK AND CAP OR PLUG THE LINES AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED AS INCLUDED.

THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 48 HOURS PRIOR TO EXCAVATION OPERATIONS.

THE EXISTING TRAFFIC SIGNS AND DELINEATORS WHICH INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AND RESET AS DIRECTED BY THE ENGINEER. THE COST FOR DOING THIS WORK WILL BE CONSIDERED INCLUDED IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

CONTRACTOR SHALL CAREFULLY PROTECT ANY TREES OR SHRUBS NOT INCLUDED IN THE CONTRACT FOR REMOVAL. SNOW FENCE SHALL BE ERECTED TWO FEET FROM TREES AND SHRUBS TO REMAIN, THAT ARE IMMEDIATELY ADJACENT TO THE WORK, FOR PROTECTION DURING CLEARING AND CONSTRUCTION OPERATIONS. COST OF THIS WORK SHALL BE CONSIDERED AS INCLUDED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

SHRUBS, BUSHES, AND STUMPS THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER. COST OF REMOVAL OF SHRUBS, BUSHES, OR STUMPS SHALL BE INCLUDED IN THE ITEM EARTH EXCAVATION WITH NO ADDITIONAL COMPENSATION ALLOWED.

THE EXCAVATION FOR THIS PROJECT IS CLASSIFIED AS EARTH EXCAVATION AND EARTH EXCAVATION (WIDENING) IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND AS PROVIDED IN THE CONTRACT SPECIFICATIONS. THE EARTH EXCAVATION SHALL INCLUDE THE REMOVAL OF THE EARTH AND UNCLASSIFIED MATERIALS. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 48 HOURS PRIOR TO EXCAVATION OPERATIONS.

GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES AND OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THESE ITEMS. IT IS THE INTENT THAT ITEMS THAT DO NOT NEED TO BE DISTURBED BY THE CONSTRUCTION SHALL BE PRESERVED. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

ALL DEBRIS AND EXCESS MATERIAL (BROKEN CONCRETE, PIPES, WASTE EXCAVATION, ETC.) SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

ALL TRENCHES BELOW OR WITHIN TWO FEET OF THE PROPOSED PAVEMENT, OR DRIVEWAY SHALL BE BACKFILLED WITH TRENCH BACKFILL IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. ALL TRENCH BACKFILL UNDER MAINLINE CH 18 SHALL BE CLSM.

SEEDING SHALL BE DONE AT LOCATIONS SHOWN ON THE PLANS WHERE THE EXISTING EARTH HAS BEEN DISTURBED, AND AT LOCATIONS DIRECTED BY THE ENGINEER. ANY EXISTING AREAS OUTSIDE THE LIMITS OF CONSTRUCTION DAMAGED BY THE CONTRACTOR SHALL BE SEED AT HIS OWN EXPENSE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

SPECIAL ATTENTION IS CALLED TO ARTICLE 250.07 REGARDING SEEDING DATES.

A N.P.D.E.S. PERMIT WILL BE REQUIRED FOR THIS PROJECT FOR EROSION AND SEDIMENT CONTROL. TO SATISFY THIS REQUIREMENT THE CONTRACTOR WILL BE REQUIRED TO PROVIDE INLET AND PIPE PROTECTION AS SHOWN ON STANDARD 280001 AT LOCATIONS AS DIRECTED BY THE ENGINEER. AN ESTIMATED QUANTITY FOR INLET AND PIPE PROTECTION HAS BEEN INCLUDED IN THE PROJECT AND MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.

EXISTING CONCRETE AND BITUMINOUS CONCRETE PAVEMENT IN WHICH THE TOP SURFACE IS TO BE BUTT JOINED TO THE PROPOSED WORK SHALL BE SO JOINED THROUGH FULL DEPTH SAW CUT JUNCTIONS. THIS WORK SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT.

THE SHOULDER CORRUGATION FOR BITUMINOUS SHOULDERS SHALL BE CONTINUOUS. OMISSIONS ARE ONLY ALLOWED AT SIDE ROADS AND ENTRANCES.

BEFORE ORDERING PIPE CULVERTS, THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER AS TO THE EXACT LENGTH AND QUANTITY REQUIRED.

THE EXISTING PIPE CULVERTS SHOWN TO BE REMOVED ON THE PLANS SHALL BE DONE IN ACCORDANCE WITH SECTION 551 OF THE STANDARD SPECIFICATIONS EXCEPT THAT SALVAGING OF THE PIPE WILL NOT BE REQUIRED.

THE MATERIAL OF THE PIPE CULVERT END SECTIONS SHALL MATCH THE MATERIAL OF THE PIPE CULVERT ON WHICH THEY ARE TO BE INSTALLED.

THE EXISTING FIELD TILES SHALL BE LOCATED AND CONNECTED WITH NEW STORM SEWERS AND CONCRETE COLLARS AND OUTLETTED AS SHOWN ON THE PLAN. THIS WORK SHALL BE AS DIRECTED BY THE ENGINEER. ANY CONCRETE COLLARS TO BE CONSIDERED INCLUDED IN THE COST OF DRAINAGE STRUCTURES AND STORM SEWERS.

SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND SURFACE COURSE, SHORT TERM PAVEMENT MARKING PLACED ON THE FINAL SURFACE SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE FINAL SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET.

BEFORE ORDERING STORM SEWERS, INLETS AND MANHOLES, THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER AS TO THE EXACT LENGTH AND QUANTITY REQUIRED.

AT LOCATIONS INDICATED ON THE PLANS, PROPOSED STORM SEWERS ARE TO BE CONNECTED INTO EXISTING MANHOLES OR EXISTING STORM SEWERS. THESE CONNECTIONS SHALL BE MADE IN A WORKMANLIKE MANNER AND MASONRY CONSTRUCTED AROUND THEM SO AS TO PREVENT LEAKAGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCIDENTAL TO STORM SEWERS OF THE SIZE AND TYPE SPECIFIED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. CONCRETE COLLARS ARE TO BE CONSIDERED INCLUDED IN THE COST OF DRAINAGE STRUCTURES AND STORM SEWERS.

AT VARIOUS LOCATIONS AS NOTED ON THE PLANS, THE CONTRACTOR WILL BE REQUIRED TO PLUG EITHER EXISTING STORM SEWERS OR EXISTING UNDERGROUND CULVERTS. THIS WORK WILL CONSIST OF MASONRY OR CONCRETE CONSTRUCTION AND SHALL BE APPROVED BY THE ENGINEER BEFORE BACKFILLING. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCIDENTAL TO THE EARTH EXCAVATION.

THE EXISTING STORM SEWERS AND PIPE CULVERTS SHOWN TO BE REMOVED ON THE PLANS SHALL BE DONE IN ACCORDANCE WITH SECTION 551 OF THE STANDARD SPECIFICATIONS EXCEPT THAT SALVAGING OF THE PIPE WILL NOT BE REQUIRED. THE EXISTING STORM SEWERS (FIELD TILES) THAT ARE REMOVED THAT ARE WITHIN THE LIMITS OF THE PROPOSED TRENCHES STORM SEWERS (SPECIAL) WILL NOT BE MEASURED FOR PAYMENT AND SHOULD BE CONSIDERED IN THE COST OF EXCAVATION FOR NEW STORM SEWERS. ALL PIPE CULVERTS THAT ARE REMOVED SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR PIPE CULVERTS TO BE REMOVED. PLAN SCHEDULES INCLUDE TYPE, SIZE AND LENGTH OF THESE CULVERTS FOR YOUR INFORMATION.

ALL DRAINAGE STRUCTURES, STORM SEWERS AND PIPE CULVERTS TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

ALL STREET RETURNS SHALL HAVE RADII MEASURED TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED ON THE PLANS.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.

HMA MIXTURE REQUIREMENTS:

LOCATION	MAINLINE 200E TO 800E, ENTRANCES AND SIDE STREETS, TOP 2" SHOULDER	BOTTOM 4" SHOULDER	ALL ROADS
MIXTURE USE(S):	SURFACE	SHOULDER	CLASS D PATCH
AC/PG:	PG 64-22	PG 64-22	PG 64-22
RAP %:	15	30	25
DESIGN AIR VOIDS:	4.0% @ N = 50 DES	2.0% @ N = 30 DES	4.0% @ N = 50 DES
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5	OTHER	IL-19.0
FRICTION AGGREGATE:	MIX C	N/A	N/A

## APPLICATION RATES / DETAILS FOR THIS PROJECT:

AGGREGATE FOR TEMPORARY ACCESS: 5 TONS PER ENTRANCE

AGGREGATE PRIME COAT: 3 POUNDS PER SQUARE YARD

BITUMINOUS PRIME COAT: 0.1 GAL / SY ON MILLED OR PAVED SURFACE  
0.25 ON AGGREGATE SURFACE (FOR ENTRANCES)  
(PRIME NOT INCLUDED FOR SHOULDER PAVING)

SHORT TERM PAVEMENT MARKINGS: 4' STRIP EVERY 40' OF CENTERLINE

EXPLORATORY TRENCH IS INCLUDED IN AREAS OF CUT GREATER THAN 1' AND OTHER AREAS WHERE TILE INFORMATION IS NEEDED.

DITCH CHECKS INCLUDED FOR EVERY 1' FALL IN DITCH

## WORK TO BE DONE BY THE COUNTY

PAVEMENT MARKINGS (SCHEDULE INCLUDED FYI)

SIGNAGE: COUNTY WILL REPLACE ALL REGULATORY AND WARNING SIGNS WITH NEW HIGH REFLECTIVITY SIGNS, UPON COMPLETION OF THE SECTION.

## LEGEND

EXISTING		EXISTING	
— W —	WATER MAIN	⊠	GAS METER
— G —	GAS MAIN	⊠	WATER METER
— E —	ELECTRICAL LINE	⊠	UTILITY WARNING SIGN
— T —	TELEPHONE LINE	⊠	DRAINAGE MARKER
— C-TV —	CABLE TV	⊠	TRAVERSE STATION
— WS —	WATER SERVICE	⊠	SOIL BORE
— GS —	GAS SERVICE	⊠	SURVEY POINT
— SALS —	SANITARY SEWER	⊠	MONUMENT
— ST.S. —	STORM SEWER	⊠	IRON PIPE MONUMENT
⊠	CATCH BASIN OR INLET	⊠	RIGHT OF WAY LINE
⊠	MANHOLE	⊠	RIGHT OF WAY MARKER
⊠	TELEPHONE MANHOLE	⊠	TRAFFIC SIGNAL CONTROL
⊠	WATER MANHOLE	⊠	TRAFFIC SIGNAL
⊠	FIRE HYDRANT	⊠	MAST ARM SIGNAL
⊠	WATER SHUTOFF	⊠	JUNCTION BOX
⊠	VALVE	⊠	STREET SIGN
⊠	VALVE VAULT	⊠	TRAFFIC SIGN
⊠	TANK FILLER CAP	⊠	DELINEATOR
⊠	INSPECTION WELL	⊠	MALBOX
⊠	VENT PIPE	⊠	ORNAMENTAL LIGHT
⊠	TELEPHONE POLE	⊠	FLAG POLE
⊠	POWER POLE	⊠	GUARD POST OR BOLLARD
⊠	POWER & LIGHT POLE	⊠	PILLAR
⊠	POLE WITH TRANSFORMER	⊠	GATE POST
⊠	STREET LIGHT	⊠	FENCE POST
⊠	GUY WIRE	⊠	FENCE LINE
⊠	GUY POLE	⊠	GUARDRAIL
⊠	POLE W/METER	⊠	STUMP
⊠	HAND HOLE	⊠	BUSH
⊠	TELEPHONE PEDESTAL	⊠	CONIFEROUS TREE
⊠	CABLE TV PEDESTAL	⊠	DECIDUOUS TREE
⊠	ELECTRICAL PEDESTAL		
⊠	ELECTRICAL METER		
<b>PROPOSED</b>			
⊠	INDICATES ITEM TO BE REMOVED	⊠	
⊠	INDICATES ITEM TO BE ADJUSTED	⊠	
⊠	INDICATES ITEMS TO BE RELOCATED	⊠	
⊠	DIRECTION OF DITCH FLOWS	⊠	