

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00088-00-WR	CHAMPAIGN	21	3
STA.	TO STA.		
F.H.W.A. REG.	ILLINOIS	PROJECT	

GENERAL NOTES

ALL ELEVATIONS SHOWN ARE REFERRED TO THE U.S.G.S. DATUM.

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, 2002.

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.

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

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

CALL J.U.L.L.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 ADJUSTS THEIR FACILITIES IF NECESSARY. 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 INCIDENTAL.

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

CONTRACTOR SHALL CAREFULLY PROTECT ANY TREES OR SHRUBS NOT INCLUDED IN THE CONTRACT FOR REMOVAL. SNOW FENCE SHALL BE ERRECTED 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 INCIDENTAL 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 TOPSOIL EXCAVATION AND PLACEMENT, EARTH EXCAVATION AND FURNISHED EXCAVATION 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 CONSTRUCTION.

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.

SEEDING SHALL BE DONE AT LOCATIONS 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 SEEDED AT HIS OWN EXPENSE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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 JOINTS. THIS WORK SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT.

WHEN REQUIRED BY ARTICLE 420.21, A PROTECTIVE COAT SHALL BE APPLIED TO ALL NEW CONCRETE SURFACES.

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, EXISTING STORM SEWERS ARE TO BE CONNECTED INTO PROPOSED STORM SEWERS AND MANHOLES. 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. IF CONCRETE COLLARS ARE CALLED FOR AT SOME LOCATIONS, THEY WILL BE CONSTRUCTED AND PAID FOR AS SHOWN ON THE DETAILS.

THE EXISTING STORM SEWERS, SANITARY 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 PIPES THAT ARE REMOVED THAT ARE WITHIN THE LIMITS OF THE PROPOSED TRENCHES FOR PIPE CULVERTS OR STORM SEWERS WILL NOT BE MEASURED FOR PAYMENT AND SHOULD BE CONSIDERED IN THE COST OF EXCAVATION FOR NEW PIPE CULVERTS OR STORM SEWERS.

ALL SALVAGEABLE FRAMES AND GRATES WHICH ARE NOT INCORPORATED IN THE WORK SHALL BECOME THE PROPERTY OF THE VILLAGE. THE CONTRACTORS BID PRICE SHOULD REFLECT THE SALVAGE VALUE OF THE ITEMS.

WHERE THE PROPOSED COMBINATION CONCRETE CURB AND GUTTER, JOINS THE EXISTING CURB AND GUTTER, THERE MAY BE A TRANSITION IN THE CURB AND GUTTER. THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE COMBINATION CONCRETE CURB AND GUTTER.

CONCRETE CURB AND GUTTER SHALL BE SAWS AT A MINIMUM OF 15 FOOT SPACING. ALL SAWS JOINTS SHALL BE FILLED WITH NP 1 SEALER.

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 INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

FUNCTIONAL CLASSIFICATION - LOCAL ROAD

ADT (2005) - 1150

PAVEMENT DESIGN - 3" BITUMINOUS OVERLAY

BITUMINOUS MIXTURE REQUIREMENTS:
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.

LOCATION	MAINLINE	MAINLINE	MAINLINE
MIXTURE USE(S):	SURFACE	LEVEL BINDER	BIT. BASE COURSE & CLASS D PATCH
AC/PG:	PG 64-22	PG 64-22	PG 64-22
RAP %:	15	25	25
DESIGN AIR VOIDS:	4.0% ϕ N _{DES} - 50	4.0% ϕ N _{DES} - 50	4.0% ϕ N _{DES} - 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5	IL 9.5	IL 19.0
FRICTION AGGREGATE:	MIX C	MIX C	N.A.

DESIGN DATA

LON DRIVE

DESIGN TRAFFIC
2005 ADT - 1,150
2015 ADT - 1,150
2025 ADT - 1,150
P.V. - 88.0% - 1,012
S.U. - 7.0% - 81
M.U. - 5.0% - 57
CLASS III STREET (FLEXIBLE)
MINOR COLLECTOR
DESIGN PERIOD - 20 YEARS
T.F. - 0.52
IBR-2 S.S.R. - POOR (ASSUMED)
PROPOSED PAVEMENT
1/2" BIT. SURFACE
1/2" LEVEL BINDER
6 1/2" BIT. BASE COURSE

LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED
—W—	WATER MAIN	◆ ^{TS}	TRAVERSE STATION
—G—	GAS MAIN	●	SOIL BORE
—E—	ELECTRICAL LINE	△	SURVEY POINT
—T—	TELEPHONE LINE	◇	MONUMENT
—FO—	FIBEROPTIC LINE	○ ^{IP}	IRON PIPE MONUMENT
—WS—	WATER SERVICE	—	RIGHT OF WAY LINE
—GS—	GAS SERVICE	-----	CONSTRUCTION LIMIT LINE
—C-TV—	CABLE TELEVISION	////	TEMPORARY EASEMENT
—SAN.S.—	SANITARY SEWER	⊠	RIGHT OF WAY MARKER
→ ST.S. →	STORM SEWER	⊠	TRAFFIC SIGNAL CONTROL
⊠	CATCH BASIN OR INLET	⊠	TRAFFIC SIGNAL
⊠	MANHOLE	⊠	MAST ARM SIGNAL
⊠	TELEPHONE MANHOLE	⊠	JUNCTION BOX
⊠	FIRE HYDRANT	⊠	RR CROSSING GATE
⊠	WATER SHUTOFF	⊠	RR CROSSBUCK
⊠	VALVE	⊠	RR CROSSING SIGNAL
⊠	VALVE VAULT	⊠	STREET SIGN
⊠	TANK FILLER CAP	⊠	TRAFFIC SIGN
⊠	INSPECTION WELL	⊠	DELINEATOR
⊠	VENT PIPE	⊠	MAILBOX
⊠	TELEPHONE POLE	⊠	PEDESTAL PAY PHONE
⊠	POWER POLE	⊠	PHONE BOOTH
⊠	POWER & LIGHT POLE	⊠	ORNAMENTAL LIGHT
⊠	POLE WITH TRANSFORMER	⊠	PARKING LOT LIGHT
⊠	STREET LIGHT	⊠	PARKING METER
⊠	CANTILEVER STREET LIGHT	⊠	PARKING BLOCK
⊠	GUY WIRE	⊠	FLAG POLE
⊠	GUY POLE	⊠	GUARD POST OR BOLLARD
⊠	POLE W/METER	⊠	DOWNSPOUT
⊠	HAND HOLE	⊠	CLEANOUT
⊠	TELEPHONE PEDESTAL	⊠	GATE POST
⊠	CABLE TV PEDESTAL	⊠	FENCE POST
⊠	ELECTRICAL PEDESTAL	⊠	FENCE LINE
⊠	ELECTRICAL METER	⊠	STUMP
⊠	GAS METER	⊠	BUSH
⊠	WATER METER	⊠	CONIFEROUS TREE
⊠	UTILITY WARNING SIGN	⊠	DECIDUOUS TREE
REMOVAL			
INDICATES ITEM TO BE REMOVED (R)		PAVEMENT & CURB REMOVAL	
INDICATES ITEM TO BE ADJUSTED (A)		BITUMINOUS SURFACE REMOVAL, BUTT JOINT 1/2"	
INDICATES ITEMS TO BE RELOCATED (REL)		SIDEWALK REMOVAL	
CLASS D PATCHING, 6"		DRIVEWAY PAVEMENT REMOVAL	
PROPOSED			
P. C. C. DRIVEWAY PAVEMENT		BITUMINOUS SURFACE BUTT JOINT	
P. C. C. SIDEWALK		PCC BASE COURSE WIDENING, 6"	
		BIT. CONCRETE BASE COURSE, 6 1/2" SUPERPAVE	