

GENERAL NOTES

1. THE LOCATION AND ELEVATION OF THE VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR THEM AND IS RESPONSIBLE FOR ANY DAMAGE THAT MAY BE CAUSED.
2. 48 HOURS PRIOR TO THE START OF ANY EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.I.E. AND THE VILLAGE OF FRANKFORT (815-469-2177) FOR VERIFICATION OF ALL UTILITY LOCATIONS IN THE FIELD.
3. THE CONTRACTOR SHALL COORDINATE WITH ALL ABOVE AND UNDERGROUND UTILITY COMPANIES IF UTILITIES NEED TO BE RELOCATED.
4. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKER MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT, OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DISRUPTED BY THEIR OPERATIONS.
5. BARRICADES: ALL UNBALLASTED TYPE I AND TYPE II BARRICADES SHALL HAVE A MINIMUM OF TWO (2) SANDBAGS ON THE BOTTOM RAIL. A TYPE III BARRICADE SHALL REQUIRE A MINIMUM OF FOUR (4) SANDBAGS.
6. THE CONTRACTOR SHALL ENSURE THAT POSITIVE DRAINAGE IS MAINTAINED AT ALL TIMES DURING AND AFTER THE CONSTRUCTION OF THE PROPOSED COMBINATION CONCRETE CURB AND GUTTER. THIS WORK SHALL BE INCLUDED FOR THE CONTRACT UNIT PRICE FOR THE APPLICABLE TYPE OF COMBINATION CONCRETE CURB AND GUTTER.
7. TEN FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS TO EXISTING CURBS AND GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPLICABLE TYPE OF COMBINATION CONCRETE CURB AND GUTTER.
8. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
9. SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED SHALL BE PROVIDED AT ALL CROSSWALK AND DRIVEWAY LOCATIONS OR AS DIRECTED BY THE ENGINEER, ACCORDING TO STANDARD 424001.
10. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, WILL COUNTY DEPARTMENT OF HIGHWAYS, AND THE VILLAGE OF FRANKFORT.
11. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ALL PRIVATE AND COMMERCIAL PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
12. THE CONTRACTOR SHALL CLEAN THE CURB AND GUTTER AREA PRIOR TO THE ENGINEER MARKING CURB AND GUTTER REMOVAL AND REPLACEMENT LIMITS. THIS WORK SHALL BE INCLUDED IN THE COST OF CURB AND GUTTER REMOVAL.
13. WHENEVER A SEWER CROSSES UNDER A WATER MAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATER MAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SEWERS AND WATER MAINS SHALL BE MAINTAINED UNLESS; THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATER MAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS.
14. THE VILLAGE OF FRANKFORT WATER DEPARTMENT SHALL BE RESPONSIBLE FOR TURNING WATER MAIN VALVES ON AND OFF. THE CONTRACTOR IS NOT ALLOWED TO TURN THE FRANKFORT OWNED WATER MAIN VALVES ON AND OFF. THE CONTRACTOR SHALL CONTACT THE VILLAGE OF FRANKFORT FOR A WATER METER IF NECESSARY.

15. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
16. THE FRAMES AND LIDS OF EXISTING UTILITY OR DRAINAGE STRUCTURES WITHIN THE LIMITS OF THIS IMPROVEMENT PROJECT THAT ARE NOT NOTED ON THE PLANS FOR REPLACEMENT OR RECONSTRUCTION SHALL BE ADJUSTED TO MATCH THE PROPOSED ROADWAY GRADES. THE FRAMES AND LIDS OF PRIVATE UTILITY STRUCTURES SHALL BE ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL COORDINATE WITH PRIVATE UTILITY OWNERS TO HAVE ADJUSTMENTS PERFORMED.
17. TREE PRUNING AND TREE TRUNK PROTECTION HAVE BEEN PROVIDED FOR LOCATIONS WHERE EXISTING TREES MAY BE IMPACTED BY CONSTRUCTION ACTIVITY. THE ACTUAL NEED SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. TREE TRUNK PROTECTION AND TREE PRUNING SHALL BE DONE ACCORDING TO THE REQUIREMENTS OF ARTICLES 201.05 AND 201.06 OF THE STANDARD SPECIFICATIONS, RESPECTIVELY. TREE TRUNK PROTECTION AND TREE PRUNING SHALL BE MEASURED AND PAID FOR ACCORDING TO SECTION 201 OF THE STANDARD SPECIFICATIONS. THESE QUANTITIES WILL BE DEDUCTED IF THE WORK IS NOT DEEMED NECESSARY AND NO EXTRA COMPENSATION SHALL BE DUE TO THE CONTRACTOR. PAVEMENT PATCHING, WHERE REQUIRED, SHALL BE COMPLETED PRIOR TO THE PLACEMENT OF LEVELING BINDER.
18. PAVEMENT PATCHING HAS BEEN INDICATED ON THE DRAWINGS, INCLUDING PATCHING REQUIREMENTS FOR THE REPAIR OF LOCALIZED PAVEMENT FAILURES AND INSTALLATION OF STORM SEWER MATERIALS. THE ACTUAL NEED FOR PAVEMENT PATCHING WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF PAVEMENT PATCHING IS NOT REQUIRED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
19. ALL STORM SEWER SHALL BE O-RING GASKETED OR EQUAL CONFORMING TO ASTM C443. THIS WORK SHALL BE INCLUDED IN THE COST FOR STORM SEWERS OF THE CLASS, TYPE AND SIZE SPECIFIED.
20. ALL MANHOLE COVERS SHALL BE STAMPED "VILLAGE OF FRANKFORT", ALL CASTINGS SHALL BE MADE IN THE U.S.A. WITH U.S.A. MATERIALS.
21. SHORTLY AFTER THE CONCRETE CURB IS POURED, THE CONTRACTOR SHALL MARK THE CURB WITH AN "S" FOR SEWER AND A "W" FOR WATER AT ALL KNOWN UTILITIES. OBTAIN THE "S" AND "W" STAMP FROM THE VILLAGE OF FRANKFORT. THIS WORK SHALL BE INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER OF THE TYPE SPECIFIED.
22. POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR SOILS THAT TEND TO BE UNSTABLE WHEN WET. THE AMOUNT OF PGES WAS ESTIMATED USING THE GEOTECHNICAL REPORT. ACTUAL AMOUNT AND LOCATION OF UNDER CUT WILL BE DETERMINED BY THE ENGINEER IN THE FIELD. THE CONTRACTOR SHALL ONLY BE COMPENSATED FOR THE QUANTITY OF PGES THAT IS INSTALLED.
23. THE CONTRACTOR SHALL TAKE CARE TO PROTECT EXISTING LANDSCAPING AT LOCATIONS NOT SHOWN IN THE PLANS TO BE REMOVED AND AS DIRECTED BY THE ENGINEER. LANDSCAPING TO BE PROTECTED THAT IS DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED IN KIND AND AT THEIR EXPENSE.
24. PAVEMENT IN WIDENING AREAS SHALL BE SAW CUT 6 INCHES FROM THE EXISTING EDGE OF PAVEMENT PRIOR TO HMA WIDENING. THIS WORK SHALL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT BASE COURSE, 1 1/2".
25. LAYOUT AND STAKING FOR ALL CONSTRUCTION OPERATIONS SHALL BE PROVIDED BY THE CONTRACTOR.
26. THE CONTRACTOR'S OPERATIONS AND TEMPORARY STORAGE ACTIVITIES SHALL BE LIMITED TO THE WORK AREA AND/OR CONSTRUCTION LIMITS. ANY ADDITIONAL STAGING AREAS ADJACENT TO THE PROJECT ARE SUBJECT TO PRIOR APPROVAL BY THE APPROPRIATE AGENCY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR COMPLIANCE WITH THE ABOVE REQUIREMENTS.
27. THE CONTRACTOR SHALL COORDINATE WITH CANADIAN NATIONAL RAILROAD REGARDING ANY PERMITS REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE IF ANY OF THEIR ACTIVITIES INTERFERE WITH OR COMPROMISE SAFETY AT THE RAILROAD CROSSING, OR THE INTEGRITY OF THE RAILROAD TRACKS.
28. TOP SOIL SHALL BE FERTILE, FRIABLE, NATURAL LOAM, SURFACE SOIL, REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER LITTER AND FREE OF ROOT STUMPS, STONES AND OTHER MATERIAL HARMFUL TO PLANT GROWTH.
29. CLEARING OF BRUSH, BUSHES AND TREES WITH A DIAMETER LESS THAN 6" WILL NOT BE PAID FOR SEPARATELY PER SECTION 202 OF THE STANDARD SPECIFICATIONS.
30. WHERE SPECIFIED ON THE PLANS, OR DIRECTED BY THE ENGINEER, TRIMMING OF VEGETATION TO THE RIGHT OF WAY LINE WILL BE CONSIDERED TO BE CLEARING AND NOT MEASURED FOR PAYMENT.

31. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, OR CATCH BASINS. THEY SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE SAME. THEY SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT ROADSIDE DRAINAGE SYSTEM IS BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR DIRECTLY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
32. ALL SUBSURFACE DRAINS AND/OR FIELD TILES ENCOUNTERED IN THE ROADWAY EXCAVATION SHALL BE REMOVED AND CONSIDERED TO BE INCLUDED IN THE COST OF EARTH EXCAVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CAPPING THE EXISTING SUBSURFACE DRAINS OR CONNECTING TO THE PROPOSED DITCHES AT THE LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE OWNER. THIS WORK SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
33. THE CONTRACTOR SHALL NOTIFY THE WILL COUNTY DEPARTMENT OF HIGHWAYS (MR. GEORGE CATALANO, 815-727-8476) TWO DAYS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES LOCATED IN THE COUNTY RIGHT-OF-WAY.
34. CHANGEABLE MESSAGE SIGNS SHALL BE PROVIDED AT THE NORTHBOUND, WESTBOUND AND EASTBOUND APPROACHES TO THE INTERSECTION OF CENTER ROAD AND LARAWAY ROAD. SIGNS SHALL BE USED ACCORDING TO IDOT STANDARDS AND PLACED 72 HOURS PRIOR TO COMMENCING THE WORK.
35. PATCHING OF THE EXISTING PAVEMENT, WHERE REQUIRED, SHALL BE COMPLETED PRIOR TO THE PLACEMENT OF LEVELING BINDER.
36. ALL EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED AND ADEQUATELY BACKFILLED PRIOR TO PLACING ASPHALT LEVELING BINDER AND SURFACE COURSE. THIS WORK SHALL NOT BE MEASURED FOR PAYMENT.
37. THE VILLAGE OF FRANKFORT SHALL ADJUST ALL WATER VALVES AND FIRE HYDRANTS IMPACTED BY THE PROJECT. THE CONTRACTOR SHALL CONTACT THE VILLAGE OF FRANKFORT PUBLIC WORKS [(815) 469-2177] AT LEAST TWO WEEKS PRIOR TO ANY WORK BEING PERFORMED IN AREAS ADJACENT TO WATER VALVES AND FIRE HYDRANTS THAT NEED TO BE ADJUSTED. RELOCATION OF WATER VALVES AND FIRE HYDRANTS SHALL BE PERFORMED BY THE CONTRACTOR.
38. TREE REMOVAL (6 TO 15 UNITS DIAMETER) AND TREE REMOVAL (OVER 15 UNITS DIAMETER) HAVE BEEN PROVIDED TO FACILITATE CONSTRUCTION OF THE PROPOSED STORM SEWER ALONG THE NORTHERN LIMITS OF BLACHFORD CORP. AND PACTIV CORP. ACTUAL NEED FOR TREE REMOVAL SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. THE CONTRACTOR SHALL ONLY BE COMPENSATED FOR ACTUAL TREE REMOVAL QUANTITIES.
39. THE PROPOSED DRAINAGE STRUCTURES AND PIPES SHALL BE PROTECTED IMMEDIATELY AFTER THEY ARE CONSTRUCTED UNTIL THE SURFACES THAT DRAIN TO THEM ARE FULLY PAVED OR VEGETATED.
40. THE CONTRACTOR SHALL TAKE CARE NOT TO DISRUPT THE ACTIVITIES OF BLACHFORD CORP., CN AND PACTIV CORP. DURING THE STORM SEWER INSTALLATION AND DRAINAGE IMPROVEMENTS ON THEIR VARIOUS PROPERTIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COSTS ASSOCIATED WITH ANY REPAIRS DUE TO THEIR ACTIONS AND/OR ACTIVITIES, AT NO COST TO THE CONTRACT.
41. THE EXISTING RAILROAD SPURS TO THE PACTIV CORP. FACILITY ARE ACTIVE. THE CONTRACTOR SHALL NOT DISRUPT RAIL TRAFFIC OR DAMAGE THE RAILROAD TRACKS. ANY COSTS ASSOCIATED WITH THE DISRUPTION OF RAIL TRAFFIC TO PACTIV'S COMPOUND SHALL BE AT THE CONTRACTOR'S EXPENSE.
42. WHERE THE LIMITS OF CONSTRUCTION HAVE NOT BEEN SHOWN ON THE PLANS, THE RIGHT OF WAY SHALL BE CONSIDERED THE CONSTRUCTION LIMIT.

43. ALL SIGN RELOCATIONS AND PROPOSED SIGNS SHALL BE PLACED IN THE LOCATION INDICATED IN THE SIGN SCHEDULE IN THE SCHEDULE OF QUANTITIES. ALL SIGNS SHALL BE INSTALLED ACCORDING TO THE MUTCD AND THE ILLINOIS STANDARD SPECIFICATIONS.
44. CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED HAS BEEN PROVIDED TO FACILITATE CONSTRUCTION OF A STABILIZED CONSTRUCTION ENTRANCE. ACTUAL NEED FOR FENCE REMOVAL AND RE-ERECTION SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. THE CONTRACTOR SHALL ONLY BE COMPENSATED FOR ACTUAL FENCE REMOVAL AND RE-ERECTION QUANTITIES. IF FENCE REMOVAL IS NOT REQUIRED, THEN THE QUANTITY WILL BE REDUCED AND NO COMPENSATION SHALL BE DUE THE CONTRACTOR.
45. LEVELING BINDER (MACHINE METHOD) HAS BEEN PROVIDED FOR CROSS SLOPE CORRECTION FOLLOWING THE MILLING OF THE SURFACE COURSE. ACTUAL USE OF THE LEVELING BINDER SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. THE CONTRACTOR SHALL ONLY BE COMPENSATED FOR ACTUAL QUANTITIES OF LEVELING BINDER (MACHINE METHOD) USED.

46. IT IS ASSUMED THAT THE TOP 4" OF THE EXISTING GROUND OUTSIDE THE PAVEMENT SHALL BE REMOVED AND DISPOSED OF. QUANTITIES FOR THIS WORK ARE INCLUDED IN REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.

47. BELOW ARE CONTACT DETAILS FOR VARIOUS BUSINESSES AND UTILITIES THAT WILL BE IMPACTED BY THE PROJECT. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY AGENCIES PRIOR TO EXCAVATING NORTH OF THE GRADE CROSSING: NICOR, ENDBRIDGE ENERGY, AUX SABLE LIQUIDS, AND NATURAL GAS PIPELINE CO.

AGENCY	CONTACT PERSON	TELEPHONE NO.
NICOR	CONSTANCE LANE	(630) 388-3830
COM ED	TIM COSLET	(815) 724-5010
ENDBRIDGE ENERGY	TREVOR MCINTYRE	(219) 922-7011
PACTIV	ART MANDYLA	(815) 464-3654
AUX SABLE LIQUIDS	JEFF GISH	(815) 941-5992
CANADIAN NATIONAL	JONATHAN GRIFFITH	(708) 332-6581
BLACHFORD	RICHARD FEIGEL	(815) 464-2112
COMCAST	TED WYMAN	(630) 600-6349
SBC	CURT IVINS	(815) 727-0527
NATURAL GAS PIPELINE CO.	GREG SMITH	(303) 914-7848

48. THE PAVEMENT WIDENING SHALL BE POURED MONOLITHICALLY WITH THE CURB AND GUTTER IN AREAS WHERE THE PAVEMENT SHALL BE WIDENED BY UP TO TWO FEET. THIS COST SHALL BE INCLUDED IN THE COST OF THE APPLICABLE TYPE OF COMBINATION CONCRETE CURB AND GUTTER.

DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	2
				CONTRACT NO. 63248