

P.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1	WHITESIDE	43	2
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES

- THE REMOVAL OF BITUMINOUS SURFACING NOT ON A RIGID TYPE BASE REMOVED IN CONJUNCTION WITH THE BASE SHALL BE REMOVED AS EARTH EXCAVATION. THE REMOVAL OF BITUMINOUS SURFACING ON A RIGID TYPE BASE REMOVED IN CONJUNCTION WITH THE BASE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PAVEMENT REMOVAL OF THE TYPE SPECIFIED.
- THE FINAL TOP FOUR INCHES OF SOIL IN ANY RIGHT-OF-WAY AREA DISTURBED BY THE CONTRACTOR MUST BE CAPABLE OF SUPPORTING VEGETATION. THE SOIL MUST BE FROM THE A HORIZON (ZERO TO 2' DEEP) OF SOIL PROFILES OF LOCAL SOILS.
- IT IS ESTIMATED THAT 914 CUBIC YARDS OF EARTH WILL BE HAULED TO THE JOB FROM OUTSIDE THE PROJECT LIMITS. A SHRINKAGE FACTOR OF 25% HAS BEEN USED.
- THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS. SEEDING CLASS 2A BALT TOLERANT ROAD MIXTURE SHALL BE USED, EXCEPT IN FRONT OF PROPERTIES WHERE THE GRASS WILL BE MOWED, THEN USE SEEDING CLASS 1 LAWN MIXTURE. THIS WORK WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION.
- FERTILIZER SHALL BE APPLIED TO ALL DISTURBED AREAS AND INCORPORATED INTO THE SEEDBED PRIOR TO SEEDING OR PLACEMENT OF SOIL AT THE RATE SPECIFIED IN SECTIONS 269 AND 282 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- MULCH METHOD 2 SHALL BE APPLIED OVER ALL SEEDED AREAS. THIS SHALL BE INCLUDED IN THE COST OF THE EARTH EXCAVATION.
- DELETED
- THE SUBGRADE ON THIS PROJECT, EXCLUSIVE OF ROCK CUT AREA IS SCHEDULED TO BE IMPROVED TO A 12" DEPTH ACCORDING TO MECHANISTIC PAVEMENT DESIGN. THE AREAS SCHEDULED TO BE IMPROVED TO A DEPTH GREATER THAN 12" ARE ESTIMATED BASED ON THE ORIGINAL GEOTECHNICAL INVESTIGATION. THE SUBGRADE SHALL BE PROCESSED IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS BEFORE THE ENGINEER SHALL DETERMINE THE LIMITS AND THE ADDITIONAL THICKNESS OF IMPROVEMENT REQUIRED, IF ANY.
- PREVIOUSLY PUGMILLED STOCKPILES OF "TYPE A" OLDER THAN 1 MONTH WILL NOT BE APPROVED FOR USE UNTIL A MOISTURE CHECK IS RUN TO VERIFY MOISTURE CONTENT. MATERIAL SHIPPED TO PROJECTS WITHOUT BEING TESTED WILL NOT BE ACCEPTED.
- BITUMINOUS AND AGGREGATE PRIME COAT SHALL BE PLACED IN ACCORDANCE WITH SECTION 406 OF THE STANDARD SPECIFICATIONS. ON MOLINE ROAD, COST OF THE PRIME COATS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER TON FOR LEVELING BINDER (MACHINE METHOD) OF THE TYPE SPECIFIED.
- EXCEPT FOR THE TOP 75 MM (3") ALL AGGREGATE BASES AND SUBBASES 300 MM (12") IN THICKNESS SHALL BE CONSTRUCTED OF AGGREGATE GRADATION CA-2. IF THE SPECIFIED THICKNESS EXCEEDS 300 MM (12"), THE BASES OR SUBBASES SHALL BE CONSTRUCTED OF TOP SIZE 150 MM (6") BREAKER-RUN CRUSHED STONE WITH 70% TO 80% BY WEIGHT, PASSING THE 4" SIEVE AND 15% TO 40% BY WEIGHT, PASSING THE 60 MM (2" SIZE) SIEVE. EXCEPT FOR THE TOP 75 MM (3") THE BREAKER-RUN CRUSHED STONE SHALL BE REASONABLY UNIFORMLY GRADE FROM COARSE TO FINE AND BE TAKEN FROM A QUARRY LEDGE CAPABLE OF PRODUCING CLASS "D" QUALITY AGGREGATE. THE TOP 75 MM (3") SHALL BE GRADATION CA-6 OR CA-10 REGARDLESS OF THICKNESS. THE WATER NECESSARY TO ACHIEVE COMPACTION IN ALL BUT THE TOP 75 MM (3") LAYER MAY BE ADDED AFTER THE SUBBASE OR BASE COURSE IS PLACED ON THE GRADE.
- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

	SUPERPAVE BINDER	SUPERPAVE LEVEL BINDER	SUPERPAVE SURFACE
PG GRADE	PG 64-22	PG 84-22	PG 64-22
MAX % RAP ALLOWABLE **	25%	25%	15%
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N60
MIXTURE COMPOSITION	IL 19.0	IL 9.5	IL 12.0 OR IL 9.5
FRICION AGGREGATE			MIXTURE C
PLANT CONTROL LIMITS	CLASS I	CLASS I	CLASS I
DENSITY TEST METHOD	CORES/NUCLEAR	SATISFACTION OF ENGINEER	CORES/NUCLEAR

\* SEE SPECIALS  
 \*\* IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.

- THE CONTRACTOR WILL BE REQUIRED TO FURNISH 5 1/2" HIGH BRASS STENCILS AS APPROVED BY THE ENGINEER AND INSTALL STATIONING AT 250' INTERVALS. STATIONING SHALL BE PLACED ON BOTH LANES OF 2-LANE HIGHWAYS AND ON THE OUTSIDE LANES IN BOTH DIRECTIONS ON 4-LANE HIGHWAYS. THE STATIONS SHALL BE PLACED 8" INSIDE THE PAVEMENT MARKING EDGE SO THEY CAN BE READ FROM THE SHOULDER. THIS WORK WILL BE INCLUDED IN THE COST OF THE FINAL PAVEMENT SURFACE.
- A NATIONWIDE 404 PERMIT HAS BEEN ISSUED FOR THIS PROJECT AND THE CONDITIONS OF THAT PERMIT MUST BE ADHERED TO.
- THE NEW NUMBER FOR THIS STRUCTURE WILL BE 098-0111.
- THE CONTRACTOR SHALL SUBMIT FOUR COPIES OF THE REQUIRED SHOP DRAWINGS FOR REVIEW AND APPROVAL TO THE BUREAU OF BRIDGES AND STRUCTURES, 2300 SOUTH DIRKSEN PARKWAY, SPRINGFIELD, IL 62764. AFTER APPROVAL OF INITIAL SUBMITTAL, THE CONTRACTOR SHALL SUBMIT ONE SET OF SHOP DRAWINGS TO ERIC HARM, ENGINEER OF MATERIALS, 126 EAST ASH STREET, SPRINGFIELD, IL 62706, AND EIGHT (8) SETS OF SHOP DRAWINGS TO BE DISTRIBUTED TO:  
 DISTRICT 2 DISTRICT ENGINEER (1)  
 FABRICATOR (1)  
 CONTRACTOR (2)  
 RESIDENT ENGINEER (2)  
 DISTRICT 2 BUREAU OF MATERIALS (2)
- THE ADDITIONAL THICKNESS OF PROPOSED PAVEMENT REQUIRED TO MATCH THE BRIDGE APPROACH PAVEMENT, SHOWN IN STANDARD 42040, SHALL BE INCLUDED IN THE COST OF THE PROPOSED PAVEMENT AND NOT PAID FOR SEPARATELY.

- THE CURB IS REQUIRED ON THE BRIDGE APPROACH PAVEMENT AS SHOWN ON STANDARD 42040.
- CULVERT AND BRIDGE FLOWS MUST BE MAINTAINED THROUGHOUT THE PROJECT. NORMAL FLOW SHALL BE ALLOWED TO PASS AT THE RATE IT ENTERS THE JOBSITE. HIGH FLOWS SHALL BE ALLOWED TO PASS WITHOUT CAUSING DAMAGE TO UPSTREAM PROPERTIES.
- THE PROPOSED PIPES FOR ENTRANCES AND SIDE ROADS SHALL BE PLACED IN LINE WITH THE EXISTING OR PROPOSED DITCH LINE.
- THE CONTRACTOR SHALL STRAIGHTEN OR CUT OFF THE ENDS OF EXISTING ENTRANCE CULVERTS THAT WILL HAVE NEW METAL END SECTIONS INSTALLED. THE COST OF THIS WILL BE INCLUDED IN THE CONTRACT UNIT PRICE EACH FOR END SECTIONS OF THE SIZE SPECIFIED.
- THE CONTRACTOR SHALL SUPPLY THE RESIDENT ENGINEER WITH THE MANUFACTURER'S INSTALLATION REQUIREMENTS FOR THE TYPE OF STEEL PLATE BEAM GUARDRAIL TERMINAL TYPE 1 SPECIAL (TANGENT) OR STEEL PLATE BEAM GUARDRAIL TERMINAL TYPE 1 SPECIAL (FLARED).
- ONE 18D GALVANIZED NAIL SHALL BE USED TO TIE NAIL THE WOOD BLOCK OUT TO THE WOOD POST ON ALL TRAFFIC BARRIER TERMINAL TYPE I SPECIALS.
- DELINEATORS SHALL BE INSTALLED AS SHOWN IN STANDARD 635001, EXCEPT THAT THE POST SHALL BE ROTATED 150° AND ONLY METAL-BACKED DELINEATORS SHALL BE PERMITTED.
- DELINEATORS SHALL BE PLACED AT THE ENDS OF APPROACH GUARDRAIL TERMINAL SECTIONS, AND AT EACH HEADWALL OR END SECTION OF AR CULVERTS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR DELINEATORS.
- PERMANENT SURVEY MARKERS, TYPE II, SHALL BE SET AT INTERVALS OF 1MILE OR AS DIRECTED BY THE ENGINEER. BRIDGE OR CULVERT PROJECTS SHALL HAVE ONE SURVEY MARKER PLACED NEAR THE STRUCTURE. ESTIMATED: 2 EACH.
- PERMANENT SURVEY MARKERS, TYPE II SHALL BE CAST-IN-PLACE AS SHOWN ON HIGHWAY STANDARD 667104.
- THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A DESCRIPTION OF LOCATION, ELEVATION, AND COORDINATES FOR EACH PERMANENT SURVEY MARKER. THE ENGINEER SHALL SUBMIT THIS INFORMATION TO THE SURVEY CREW.
- WORK ON THIS PROJECT WILL BE IN PROGRESS AT THE SAME TIME AS OTHER PROJECTS  
 WORK ON THESE PROJECTS SHALL BE SCHEDULED TO KEEP INTERFERENCE BETWEEN ALL THE PROJECTS TO A MINIMUM. THE CONTRACTORS SHALL INFORM EACH OTHER OF PROGRESS OF THE PROJECTS AND GIVE FAIR WARNING TO THE OTHER CONTRACTORS WHEN A PROBLEM MIGHT BE ENCOUNTERED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123. THE FOLLOWING LISTED UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS ARE MEMBERS OF JULIE:  
 KINDER-MORGAN ENERGIES PARTNERS GAS  
 COMMONWEALTH EDISON COMPANY ELECTRIC  
 CITIZENS TELEPHONE  
 ALLIANCE PIPELINE COMPANY PETROLEUM  
 NORTHERN BORDER PIPELINE COMPANY PETROLEUM  
 LIGHTCORE COMMUNICATIONS  
 FOLLOWING ARE THE KNOWN UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS WHICH ARE NOT MEMBERS OF JULIE AND SHOULD BE NOTIFIED INDIVIDUALLY BY THE CONTRACTOR:  
 IDOT-DISTRICT 2 GOVERNMENT (815) 284-2469  
 819 DEPOT AVENUE  
 DIXON, IL 61821

- THE APPLICABLE PORTIONS OF ARTICLE 105.07 OF THE STANDARD SPECIFICATION SHALL APPLY EXCEPT FOR THE FOLLOWING: THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE THE VERTICAL DEPTHS OF THE UNDERGROUND UTILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS. THIS WORK WILL NOT BE MEASURED OR PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE FOR THE ITEM OF CONSTRUCTION INVOLVED.  
 PER SB 699 (90 DAY UTILITY RELOCATION LAW), ONCE RIGHT-OF-WAY IS CLEAR TO AWARD THE PROJECT, A NOTICE WILL BE SENT TO THE UTILITY COMPANIES INSTRUCTING THEM TO HAVE THEIR FACILITIES RELOCATED WITHIN 90 DAYS. ESTIMATED DATE RELOCATION COMPLETE = LETTING DATE + 135 DAYS.
- CADD DATA WILL BE AVAILABLE TO CONTRACTORS AND CONSULTANTS WORKING ON THIS PROJECT. THIS INFORMATION WILL BE PROVIDED UPON REQUEST AS MICROSTATION CADD FILES AND GEOPAK COORDINATE GEOMETRY FILES ONLY. IF DATA IS REQUIRED IN OTHER FORMATS IT WILL BE YOUR RESPONSIBILITY TO MAKE THESE CONVERSIONS. IF ANY DISCREPANCY OR INCONSISTENCY ARISES BETWEEN THE ELECTRONIC DATA AND THE INFORMATION ON THE HARD COPY, THE INFORMATION ON THE HARD COPY SHOULD BE USED. CONTACT THE DISTRICT'S PROJECT ENGINEER TO REQUEST THESE FILES.
- Reflector Markers Type B shall be installed on the top of bridge parapet walls. The markers shall be according to Standard 635011 and the color and spacing according to Standard 635006, except the minimum is 2 per side.

- ALL TREES REMOVED FROM THE PROJECT AREA FOR CONSTRUCTION PURPOSE WILL BE REPLACED WITH A DECIDUOUS TREE SPECIES WHICH ARE NATIVE TO DISTRICT 2 AREA. TREES WILL BE PLACED ACCORDING TO IDOT DEPARTMENTAL POLICY D&E-18 (SEPTEMBER 18, 2006). LAYOUT SHALL BE PERFORMED BY THE DISTRICT LANDSCAPE ARCHITECT. MULCH SHALL BE HARDWOOD CHIPS, 5 FOOT WIDTH, 4 INCHES THICK WITH WOOD BARRIER. IN THE EVENT PLANTING CONDITIONS ARE UNACCEPTABLE, USE ALTERNATE PLANTING SITE. F&I-S&MOLINE ROAD INTERCHANGE.
- THE ENGINEER SHALL CHECK THE OPERATION/CONDITION OF THE EXISTING PIPE CULVERT LEFT OF STATION 429+41. SHOULD THE ENGINEER DETERMINE IT NECESSARY THE CONTRACTOR SHALL REMOVE AND REPLACE THE CULVERTS. CONTINGENCY QUANTITIES HAVE BEEN INCLUDED IN THE PLANS FOR THIS PURPOSE. THE CONTRACTOR SHALL NOT ORDER THESE MATERIALS UNTIL DIRECTED TO DO SO BY THE ENGINEER.

COMMITMENTS

- THERE ARE THREE JURISDICTIONAL WETLANDS LOCATED WITHIN THE PROJECT AREA AND TO THE WEST OF THE BRIDGE. THESE WETLANDS ARE BEYOND THE CONSTRUCTION LIMITS AND WILL NOT BE IMPACTED BY PROJECT CONSTRUCTION.
- THESE WETLANDS ARE SHOWN ON THE PLAN SHEET IN THE DESIGN REPORT AND WILL BE SHOWN ON THE CONTRACT PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING A TEMPORARY OCCUPANCY PERMIT REQUIRED FROM THE BNSF RAILROAD FOR WORK CONDUCTED WITHIN RAILROAD PROPERTY. THE CONTRACTOR'S RESPONSIBILITIES SHALL INCLUDE COMPLETING THE PERMIT APPLICATION, PROVIDING REQUIRED DRAWINGS OF THE AREA TO BE OCCUPIED INCLUDING DISTANCE TO TRACKS, CROSS STREETS, MILEPOSTS, AND DISTINGUISHING LANDMARKS, COMPLETING THE REQUIRED INTERNET SAFETY TRAINING PROGRAM (BY ALL PARTIES WHO WILL BE WORKING AT THE SITE), MEETING INSURANCE REQUIREMENTS, COMPLETING THE NECESSARY COORDINATION WITH THE BNSF ROADMASTER AND PAYMENT OF ALL APPLICABLE FEES (AS OF 1/18/2005 FEES INCLUDE A \$250 PROCESSING FEE, \$1000 FOR THE OCCUPANCY PERMIT AND \$500 FOR RAILROAD PROTECTIVE LIABILITY INSURANCE COVERAGE). THREE MONTHS PRIOR TO THE REQUIRED OCCUPANCY, THE CONTRACTOR SHALL SUBMIT THE REQUIRED PERMIT APPLICATION TO MR. CATHY BENTON (815252-2628) AT STAIRBACH GLOBAL SERVICES WHO HANDLES TEMPORARY OCCUPANCY PERMITS FOR THE BNSF RAILROAD. (SEE PROJECT REPORT FIGURE 4, SHEETS 7 - 12)
- TWO WEEKS PRIOR TO CLOSING MOLINE ROAD FOR THE STATE ROUTE DETOUR, THE RESIDENT ENGINEER SHALL NOTIFY THE CHIEF OF ERIE FIRE PROTECTION DISTRICT AT 309868-2014 OF THE UPCOMING ROAD CLOSURE.
- TWO WEEKS PRIOR TO CLOSING MOLINE ROAD FOR THE STATE ROUTE DETOUR, THE RESIDENT ENGINEER SHALL NOTIFY THE MS. JANE KEAG, DIRECTOR OF THE ERIE AMBULANCE SERVICE, OF THE UPCOMING ROAD CLOSURE. SHE CAN BE CONTACTED AT THE FOLLOWING TELEPHONE NUMBERS:  
 309659-2568 (HOME)  
 309659-2239 (EXT. 2525)  
 309659-7795 (AMBULANCE OFFICE - NOT STAFFED)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**GENERAL NOTES**  
**FAS 203 (MOLINE ROAD)**  
**SECTION 11BR-1**  
**WHITESIDE COUNTY**

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 1105 \_\_\_\_\_

DRAWN BY ARR  
 CHECKED BY JRC

SCALE: 1" = 20'-0" VERT.  
 1" = 100'-0" HORIZ.  
 PLAN SCALE: AS SHOWN  
 REFER TO SHEET 11BR-1 FOR CHANGES