

GENERAL NOTES

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	*	ROCK ISLAND	90	3
STA. TO STA.				
EXISTING CONDITIONS:				
* 42MFT-BR, (9BR-2)M & 42MFT-T				

CONTRACT 64641

- SEE CROSS SECTIONS FOR SPECIAL DITCHES AND BACKSLOPES.
- AT THE LOCATIONS WHERE EXCAVATION QUANTITIES ON THE PLANS ARE INDICATED AS HAVING BEEN ESTIMATED, THE ENGINEER WILL OBTAIN ORIGINAL AND FINAL CROSS SECTIONS TO DETERMINE PAY QUANTITIES.
- 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.
- 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 3,522 CUBIC YARDS OF EARTH WILL BE HAULED TO THE JOB FROM OUTSIDE THE PROJECT LIMITS. A SHRINKAGE FACTOR OF 20% HAS BEEN USED.
- THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS. SEEDING CLASS 4 OR 6 (MODIFIED) SHALL BE USED, EXCEPT IN FRONT OF PROPERTIES WHERE THE GRASS WILL BE MOWED, THEN USE SEEDING, CLASS 1 (MODIFIED). CLASS 6 (MODIFIED) SHALL BE USED ON FRONT SLOPES AND DITCH BOTTOMS. CLASS 4 SHALL BE USED BEHIND GUTTER OR CURB AND GUTTER, ON ALL BACKSLOPES AND AREAS BEHIND THE BACKSLOPE, AND BEYOND THE TOE OF FRONT SLOPE ON FILL SECTIONS WITHOUT DITCHES.
- FERTILIZER NUTRIENTS SHALL BE APPLIED AT THE RATE SPECIFIED IN SECTIONS 250 AND 252 OF THE STANDARD SPECIFICATIONS. THIS SHALL BE INCLUDED IN THE COST OF THE SEEDING OR SODDING. *(IT SHOULD NOT BE SPRAYED OVER WATERWAYS)*
- WHEN MULCH WITH EMULSIFIED ASPHALT IS APPLIED, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO COVER OR PROTECT ALL TRAFFIC SIGNS, GUARDRAIL AND CURBS. ANY SIGNS, GUARDRAIL OR CURBS WHICH BECOME COVERED WITH ASPHALTIC MATERIAL SHALL BE CLEANED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- MULCH ON TEMPORARY SEEDING SHALL BE MULCH METHOD 2. THE QUANTITIES FOR MULCH METHOD 2 INCLUDES BOTH TEMPORARY AND PERMANENTLY SEEDER AREAS.
- 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.
- THE SUBGRADE ON THIS PROJECT, EXCLUSIVE OF ROCK CUT AREAS 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.
- EXCEPT FOR THE TOP 3", ALL AGGREGATE BASES AND SUBBASES 12" IN THICKNESS SHALL BE CONSTRUCTED OF AGGREGATE GRADATION CA-2. IF THE SPECIFIED THICKNESS EXCEEDS 12", THE BASES OR SUBBASES SHALL BE CONSTRUCTED OF TOP SIZE 6" BREAKER-RUN CRUSHED STONE WITH 15% TO 40% BY WEIGHT PASSING THE 2" SIZE SIEVE, EXCEPT FOR THE TOP 3". THE BREAKER-RUN CRUSHED STONE SHALL BE REASONABLY UNIFORMLY GRADED FROM COARSE TO FINE AND BE TAKEN FROM A QUARRY LEDGE CAPABLE OF PRODUCING CLASS "D" QUALITY AGGREGATE. THE TOP 3" SHALL BE GRADATION CA-6 OR CA-10 REGARDLESS OF THICKNESS. THE WATER NECESSARY TO ACHIEVE COMPACTION IN ALL BUT THE TOP 3" LAYER MAY BE ADDED AFTER THE SUBBASE OR BASE COURSE IS PLACED ON THE GRADE.
- ALL EMBANKMENT CONSTRUCTED OF COHESIVE SOIL SHALL BE CONSTRUCTED WITH NOT MORE THAN 110% OF OPTIMUM MOISTURE CONTENT, DETERMINED BY THE STANDARD PROCTOR TEST. COHESIVE SOIL SHALL BE DEFINED AS ANY SOIL WHICH CONTAINS GREATER THAN 10% PARTICLES BY WEIGHT PASSING THE #200 SIEVE. THE 110% OF OPTIMUM MOISTURE LIMIT MAY BE WAIVED IF FREE-DRAINING GRANULAR MATERIAL WHEN APPROVED BY THE ENGINEER.
- A NATIONWIDE 404 PERMIT HAS BEEN ISSUED FOR THIS PROJECT AND THE CONDITIONS OF THAT PERMIT MUST BE ADHERED TO.
- THE NEW NUMBERS FOR THE CULVERT STRUCTURES ARE 081-1008 (EX 081-1001) AND 081-1009 (EX 081-0075).
- 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 BORING LOGS FOR THIS STRUCTURE INDICATE THAT GROUNDWATER LEVELS MAY ENCR OACH ON THE CONSTRUCTION LIMITS OF THESE STRUCTURES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTROL THE GROUND WATER AND DIVERT THE STREAM FLOW DURING CONSTRUCTION IN ORDER TO KEEP THE CONSTRUCTION AREA FREE OF WATER. THE METHOD OF CONTROLLING THE WATER SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER AND THE COST SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CONCRETE BOX CULVERTS OR THREE SIDED PRECAST CONCRETE STRUCTURE.
- A PRECAST BOX CULVERT IS NOT AN OPTION FOR SN 081-1008 DUE TO SOIL CONDITIONS.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CORRUGATED METAL PIPE CULVERTS AS SHOWN IN THE PLANS. COST OF THE WORK TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
- THE PROPOSED PIPES FOR ENTRANCES AND SIDE ROADS SHALL BE PLACED IN LINE WITH THE EXISTING OR PROPOSED DITCH LINE.
- BITUMINOUS AND AGGREGATE PRIME COAT REQUIRED FOR SURFACE, LEVELING BINDER, AND BINDER ON EXISTING SURFACES SHALL BE PLACED IN ACCORDANCE WITH SECTION 406 OF THE STANDARD SPECIFICATIONS. THE COST OF THE PRIME COATS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER TON FOR BITUMINOUS CONCRETE SURFACE COURSE, LEVELING BINDER (MACHINE METHOD), LEVELING BINDER (HAND METHOD), AND BITUMINOUS CONCRETE BINDER COURSE OF THE TYPES SPECIFIED. BITUMINOUS AND AGGREGATE PRIME COAT REQUIRED FOR PRIVATE ENTRANCES SHALL BE IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS. THE COST OF THE PRIME COATS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER TON FOR INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE.

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

MIX USES	SURFACE COURSE	BINDER COURSE	LEVELING BINDER	TOP SHOULDER	BOTTOM SHOULDER
PG	64-22	64-22	64-22	58-22	58-22
RAP% (MAX)	15	25	25	30	50
DESIGN AIR VOIDS(%)	4.2 AT N50	4.2 AT N50	4.2 AT N50	3 AT N50	2 AT N50
MIXTURE COMPOSITION	IL 9.5 OR 12.5	IL 19.0	IL 9.5	IL 9.5 OR 12.5	BAM
FRICTION AGGREGATE	D	N/A	N/A	C	N/A
20 YEAR ESAL	2.04	2.04	2.04	N/A	N/A

BITUMINOUS MIXTURE DESCRIPTION

- PAVEMENT MARKING SHALL BE DONE ACCORDING TO STANDARD 780001, EXCEPT AS FOLLOWS:
 - ALL WORDS, SHALL AS ONLY, SHALL BE 8 FEET HIGH.
 - ALL NON-FREEWAY ARROWS SHALL BE THE LARGE SIZE.
 - THE DISTANCE BETWEEN YELLOW NO-PASSING LINES SHALL BE 8", NOT 7" AS SHOWN IN THE DETAIL OF TYPICAL LANE AND EDGE LINES.
- 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 OF 4 LANE HIGHWAYS. THE STATIONS SHALL BE PLACED 6" 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.
- PERMANENT SURVEY MARKERS, TYPE II SHALL BE CAST-IN-PLACE AS SHOWN ON HIGHWAY STANDARD 667101. A MARKER SHALL BE PLACED NEAR EACH STRUCTURE AS DIRECTED BY THE ENGINEER.
- 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:

SBC/AMERITECH TELEPHONE COMPANY	MR. JEREMY SCHNACK	(309)-793-4456
MIDAMERICAN ENERGY COMPANY - ELECTRIC	MR. JEFF THOMAS	(309)-793-3763
MIDAMERICAN ENERGY COMPANY - GAS	MR. SCOTT BULL	(309)-793-3870
VILLAGE OF ANDALUSIA - WATER & SEWER	MR. MIKE WELLS	(309)-798-2887
- THE CONTRACTOR SHALL ONLY USE STATE ROUTES AND DETOUR ROUTES FOR HAULING MATERIALS AND EQUIPMENT. THERE WILL BE NO EXCEPTIONS UNLESS WRITTEN PERMISSION IS GIVEN FROM A JURISDICTION, TOWNSHIP OR COUNTY. A RECORD OF THIS AUTHORIZATION SHALL BE GIVEN TO THE RESIDENT ENGINEER.
- THE RESIDENT ENGINEER PRIOR TO CLOSING THE ROAD AND AFTER THE PROJECT IS FINISHED SHALL CONTACT THE ROCK ISLAND COUNTY ENGINEER AND THE CITY OF ROCK ISLAND TO VIDEO TAPE THE FOLLOWING ROADS: 108TH ST. WEST/105 STREET WEST AND TURKEY HOLLOW RD.
- THE ROADWAY SHALL NOT BE CLOSED PRIOR TO APRIL 18, 2006 AND WHEN RESTRICTED WEIGHT LIMITS ARE REMOVED FROM SURROUNDING ROADS.
- 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.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- ALL DIMENSIONS SHOWN ARE IN FEET UNLESS OTHERWISE NOTED. PAVEMENT THICKNESS, CULVERT SIZE, CONDUIT SIZE AND MARKING WIDTHS ARE SHOWN IN INCHES UNLESS NOTED.
- WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS OR OTHERWISE REFERENCE THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- ONLY THOSE TREES DESIGNATED BY THE ENGINEER SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
- ALL SAW CUTTING OF EXISTING PAVEMENT SHALL BE CONSIDERED INCLUDED IN PAVEMENT REMOVAL. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE FULL DEPTH OF THE EXISTING PAVEMENT UNLESS OTHERWISE SPECIFIED IN A DETAIL IN THE PLANS OR BY THE ENGINEER.
- ACCORDING TO IDOT BDE PROCEDURE MEMORANDUM 99-34 AND OPERATIONS POLICY 5-1800, ALL UNMOWED AREAS SHOULD BE DESIGNATED IN THE PLANS AND SEEDED WITH THE APPROPRIATE NATIVE SEEDING SELECTIONS FROM CLASS 4, PER DIRECTIVE OF THE DECEMBER 8, 1999 STUDIES AND PLANS ENGINEER'S MEMORANDUM.
- QUANTITY OF TRENCH BACKFILL IS PROVIDED IN THE PLANS FOR THE STRUCTURES. PLACEMENT AND COMPACTION OF TRENCH BACKFILL FOR ACROSS ROAD (AR) CULVERTS, INCLUDING THE THREE SIDED PRECAST CONCRETE STRUCTURE, SHALL CONFORM TO ARTICLE 502.10 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE STANDARD LABORATORY DENSITY. THE ENTIRE EXCAVATION WITHIN 2' OUTSIDE OF EACH SHOULDER SHALL BE BACKFILLED WITH TRENCH BACKFILL MATERIAL. THE PAY LIMITS FOR TRENCH BACKFILL SHALL EXTEND FROM 2' OUTSIDE EACH VERTICAL CULVERT WALL AT THE BASE OF THE CULVERT FLOOR AND SHALL EXTEND VERTICALLY TO THE BOTTOM OF THE PROPOSED SUBGRADE. THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE PER CUBIC YARD FOR TRENCH BACKFILL.
- THE CURB OF ALL PROPOSED CURB AND GUTTER SHALL TRANSITION IN 6' FROM FULL HEIGHT TO THE GRADES OF ABUTTING SHOULDERS AND ENTRANCES. THE COST OF THIS TRANSITION SHALL BE INCLUDED IN THE UNIT PRICE PER FOOT FOR "COMBINATION CURB AND GUTTER" OF THE TYPE SPECIFIED.
- STATION AND OFFSET FOR CATCH BASINS IN PAVED AREAS ARE AT THE EDGE OF SHOULDER. STATION AND OFFSET OF CATCH BASINS IN NON-PAVED AREAS ARE AT THE CENTER OF STRUCTURE. STATION AND OFFSET FOR FLARED END SECTIONS ARE AT THE CONNECTION WITH THE PIPE.
- THE FOLLOWING QUANTITIES HAVE BEEN ESTIMATED FOR THE GOOD NEIGHBOR POLICY AS NEEDED: 66300105 CALCIUM CHLORIDE APPLIED - 14 TON, 40600810 BITUMINOUS SURFACE COARSE MIX C, CLASS 1, TYPE 1 N50 - 230 TONS, 31101000 SUB-BASE GRANULAR MATERIAL TYPE B - 100 TON.
- REFLECTIVE STRIP CRACK CONTROL SHALL BE PLACED ON THE EDGE OF EXISTING SURFACE PRIOR TO ANY RESURFACING, UNLESS PAVEMENT IS MILLED, THEN IT WILL BE PLACED ON THE BINDER COURSE.
- DUE TO ENVIRONMENTAL CONCERNS THE FOLLOWING SHALL BE STRICTLY ADHERED TO AT FANCY CREEK
 - ALL WORK SHALL BE PERFORMED FROM THE EXISTING DECK AND NO WORK SHALL TAKE PLACE BELOW THE EXISTING STRUCTURE ON THE GROUND BY FANCY CREEK.
 - NO FILL SHALL BE PLACED IN OR AROUND FANCY CREEK.

POLICY GUIDELINES:
ALL TREES REMOVED FROM THE PROJECT AREA (25 TREES, MAX.) FOR CONSTRUCTION OR MAINTENANCE PURPOSES WILL BE REPLACED WITH DECIDUOUS TREE SPECIES WHICH ARE NATIVE TO THE DISTRICT 2 AREA. TREES WILL BE REPLACED ACCORDING TO THE IDOT DEPARTMENTAL POLICY D & E - 18 (SEPTEMBER 18, 2002). THE LOCATION OF THE REPLACEMENT TREES SHALL BE DETERMINED BY THE DISTRICT 2 LANDSCAPE ARCHITECT.

COMMITMENTS:	
42MFT-BR	NONE
42MFT-T	NONE
(9BR-2)M	NONE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAP ROUTE 599 (IL 92)
SECTION 42MFT-BR. (9BR-2)M & 42MFT-T
ROCK ISLAND COUNTY
GENERAL NOTES
DRAWN BY: HLC

REVISIONS	
NAME	DATE

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
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