

**GENERAL NOTES**

1. SEE CROSS SECTIONS FOR SPECIAL DITCHES AND BACKSLOPES.
2. THE FINAL 100 mm (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.
3. IT IS ESTIMATED THAT 1,412 CUBIC YARDS OF EARTH WILL BE HAULED TO THE JOB FROM OUTSIDE THE PROJECT LIMITS. A SHRINKAGE FACTOR OF 25% HAS BEEN USED.
4. ALL BORROW/WASTE/USE SITES MUST BE APPROVED BY THE DEPARTMENT PRIOR TO REMOVING ANY MATERIAL FROM THE PROJECT OR INITIATING ANY EARTH MOVING ACTIVITIES, INCLUDING TEMPORARY STOCKPILING OUTSIDE THE LIMITS OF CONSTRUCTION.
5. 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 IN FREE-DRAINING GRANULAR MATERIAL WHEN APPROVED BY THE ENGINEER.
6. FERTILIZER SHALL BE APPLIED TO ALL DISTURBED AREAS AND INCORPORATED INTO THE SEEDBED PRIOR TO SEEDING OR PLACEMENT OF SOD AT THE RATE SPECIFIED IN SECTIONS 250 AND 252 OF THE STANDARD SPECIFICATIONS. THE WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
7. THE CONTRACTOR SHALL PLACE SNOW FENCE AROUND ALL TREES TO BE SAVED WITHIN 10' OF THE CONSTRUCTION LIMITS TO PROTECT THE TREE TRUNKS. THIS WORK WILL BE INCLUDED IN THE COST OF EACH FOR TREE TRUNK PROTECTION (20101100).
8. THE CONTRACTOR SHALL APPLY SEEDING, CLASS 4A (MODIFIED) SUBSEQUENT TO PLANTING THE TREES AS DIRECTED BY THE ENGINEER. THE SEEDING SHALL BE PLACED IN THE FALL WITHIN THE RANGE OF DATES LISTED IN THE SPECIAL PROVISIONS. THE TURF REINFORCEMENT MAT SHALL BE INSTALLED IMMEDIATELY FOLLOWING THE SEEDING AS DIRECTED BY THE ENGINEER.
9. THE REMOVAL OF THE EXISTING GUARDPOSTS BEHIND THE EXISTING CURB AND GUTTER SHALL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION. THE CONTRACTOR SHALL DISPOSE OF THE POSTS AT A LOCATION BEYOND THE PROJECT LIMITS.
10. LATERAL DISTANCES ARE FROM THE CENTERLINE ON ALL INLETS ARE TO THE FACE OF THE INLET.
11. ALL PROPOSED MANHOLES ON THIS PROJECT SHALL BE CAST IN PLACE OR PRECAST. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR MANHOLE OF THE TYPE AND SIZE SPECIFIED.
12. THE NEW MANHOLE LIDS ON THIS PROJECT SHALL HAVE THE WORD "STORM" ON THE LID. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS WORK.
13. ALL FRAMES AND GRATES OF DRAINAGE STRUCTURES TO BE REMOVED OR FILLED SHALL BE CAREFULLY SALVAGED AND SHALL REMAIN THE PROPERTY OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
14. THE COST OF MAKING SEWER CONNECTIONS TO EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE VARIOUS CONTRACT UNIT PRICES FOR STORM SEWER.
15. THE CONTRACTOR SHALL DETERMINE FLOWLINES OF EXISTING SEWER LINES WHICH ARE SHOWN ON THE PLANS AS ESTIMATED OR UNKNOWN. THIS INFORMATION IS NECESSARY BEFORE ORDERING INLETS AND MANHOLES.
16. ACCESS FOR CONSTRUCTION BEYOND THE RIGHT-OF-WAY LINE IS BEING PERFORMED USING A JOINT AGREEMENT BETWEEN IDOT AND THE NATURE PRESERVE COMMISSION /ILLINOIS DEPARTMENT OF NATURAL RESOURCES. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR'S OPERATIONS EXTEND BEYOND THE LIMITS OF CONSTRUCTION SHOWN IN THE PLANS WITHOUT PRIOR CONSENT OF THE RESIDENT ENGINEER.

17. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A DESCRIPTION OF LOCATION, ELEVATION, AND COORDINATES FOR EACH PERMANENT SURVEY MARKER. THE HORIZONTAL AND VERTICAL COORDINATES MUST BE DERIVED BY A CLOSED LEVEL CIRCUIT. THE ENGINEER SHALL SUBMIT THIS INFORMATION TO THE SURVEY CREW.
18. THE CONTRACT INCLUDES THE INSTALLATION OF TWO PERMANENT SURVEY MARKERS. THE LOCATION OF THE MARKERS WILL BE DETERMINED AT THE TIME OF CONSTRUCTION BY THE RESIDENT ENGINEER.
19. PERMANENT SURVEY MARKERS, TYPE II SHALL BE CAST-IN-PLACE AS SHOWN ON DISTRICT STANDARD 66.2. THE BOTTOM OF THE MARKER SHALL BE 5'-0" BELOW THE GROUND SURFACE.
20. TREE PLANTING LAYOUT SHALL BE PERFORMED BY THE DISTRICT LANDSCAPE ARCHITECT. MULCH SHALL BE PLACED 4" THICK AND TO THE DIAMETER AROUND THE TREE AS SHOWN ON DISTRICT STANDARD 92.1. THE MULCH SHALL BE HARDWOOD WOOD CHIPS PLACED ON WEED BARRIER FABRIC. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TREE.
21. 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 J.U.L.I.E. NUMBER IS 800-892-0123. THE FOLLOWING LISTED UTILITIES WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS ARE MEMBERS OF J.U.L.I.E.:
 

<b>TELEPHONE</b> AT&T 635 - 18TH STREET ROCK ISLAND, IL 61201 (309) 793-4456	<b>GAS</b> MIDAMERICAN ENERGY COMPANY 2811 5TH AVENUE ROCK ISLAND, IL 61201 (309) 793-3833	<b>WATER &amp; SEWER</b> CITY OF ROCK ISLAND 1309 MILL STREET ROCK ISLAND, IL 61201 (309) 732-2238
<b>ELECTRIC</b> MIDAMERICAN ENERGY COMPANY 2811 5TH AVENUE ROCK ISLAND, IL 61201 (309) 793-3833	<b>CABLE TV</b> MEDIACOM 3900 - 26TH AVENUE MOLINE, IL 61265 (309) 743-4750	
22. TIE BARS SHALL BE INSTALLED TO TIE PCC APPURTENANCE TO ADJACENT EXISTING CONCRETE PAVEMENT.
 

<b>TIE THE FOLLOWING TO THE EXISTING CONCRETE PAVEMENT</b>		<b>LENGTH, SIZE AND SPACING OF TIE BARS</b>
GUTTER OR CURB & GUTTER	STD 606001	600 mm (24") LONG NO. 20 (NO. 6) @ 600 mm (24") CENTERS

TIE BARS TO BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF ARTICLE 420.05(b) OF THE STANDARD SPECIFICATIONS. SEE HIGHWAY STANDARD 420001 FOR DETAIL ON LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BAR. THE COST OF THE TIE BARS TO BE INCLUDED IN THE COST OF THE PCC APPURTENANCE ADJACENT TO THE EXISTING PAVEMENT.
23. EXISTING PAVEMENT AND APPURTENANCES NOT INCLUDED IN THE PLANS FOR REMOVAL, BUT DAMAGED DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE REPLACED IN KIND AT THE EXPENSE OF THE CONTRACTOR.
24. 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.

**COMMITMENTS**

1. THE CULVERT EXTENSIONS WILL BE SLOPED FROM THE INLET ALONG IL 5 TO A MANHOLE ADJACENT TO THE STREET. FROM THE MANHOLE, CONCRETE PIPE WILL BE INSTALLED, FOLLOWED BY ANOTHER MANHOLE. THIS CONFIGURATION WILL BE REPEATED UNTIL THE PIPE ELEVATION REACHES THE BOTTOM OF SLOPE. THIS WILL PROVIDE A "STAIR STEP" EFFECT, WHICH WILL ASSIST IN REDUCING THE VELOCITY OF THE WATER, THEREFORE DECREASING THE INCIDENCE OF EROSION AT THE PIPE OUTLET. IN ADDITION, THIS CONFIGURATION WILL ALLOW FOR A DECREASE IN THE FORESLOPE GRADE WHICH SHOULD REDUCE THE LIKELIHOOD OF FUTURE SLOPE DEGRADATION.
2. ALIGN THE EASTERNMOST CULVERT (AT LT STA 44+27.23) SO AS TO AVOID IMPACTING SEVERAL MATURE OAK TREES TO THE WEST. RIP RAP WILL ALSO BE PLACED AT THE END OF THE CULVERT OPENING TO SLOW EROSION OCCURRING FARTHER DOWN SLOPE WITHIN THE NATURE PRESERVE.
3. EXTEND THE SLOPES TO FORM A 1:1.5 TO 1:2 SLOPE WHENEVER POSSIBLE FOR STABILIZATION OF THE FORE SLOPES. BELOW THE TWO WESTERNMOST CULVERTS WHERE THIS SLOPE WOULD NOT BE POSSIBLE, A 1:1.3 SLOPE WILL BE USED ALONG THE STREAMBANK TO AVOID ANY ALTERATIONS TO THE STREAM FLOW.
4. RIP RAP (18" ROCK) WILL BE PLACED AT THE BOTTOM OF THE SLOPE, IN THE STREAMBED, AND ON THE SIDES OF THE BANKS TO PROVIDE STABILITY. A FILTER FABRIC WILL BE PLACED BETWEEN THE EXISTING SOIL INTERFACE AND THE RIP RAP. THERE WILL BE NO IMPACT TO THE NORTH SIDE OF THE STREAM.
5. TURF REINFORCEMENT MAT WILL BE USED ON ALL SLOPES TO STABILIZE THE SOIL ON THE SLOPES.
6. EARTHEN FILL USED TO ADJUST THE ANGLE OF THE FORESLOPES WILL CONSIST OF 6 INCHES OF TOPSOIL OVERLYING THE TURF REINFORCEMENT MAT. FILL SOURCES OF DIRT FROM OFF SITE WILL BE INSPECTED AND APPROVED BY INPC STAFF TO ENSURE THAT THE SOIL IS FREE OF INVASIVE WEED SEEDS.
7. THE IMPACTED AREA WILL BE SEEDED WITH A PRAIRIE GRASS SEEDING MIX (CLASS 4A MODIFIED) CONSISTING OF LITTLE BLUESTEM, SIDE-OATS GRAMA, CANADA WILD RYE, PRAIRIE DROPSEED, ANNUAL RYEGRASS AND OATS.
8. ALL TREES GREATER THAT 6", MEASURED AT 2.5', (44 TREES ESTIMATED) IMPACTED BY PROJECT CONSTRUCTION WILL BE REPLACED AT A ONE TO ONE RATIO. THE MITIGATION AREA CAN BE LOCATED OUTSIDE THE PROJECT AREA IN THE PARK IF THE IMPACTED AREA WILL NOT ACCOMMODATE ALL THE REPLACEMENT TREES. THE ADDITIONAL AREAS IN THE PARK TO RECEIVE MITIGATION WILL BE DETERMINED BY THE PARK SUPERINTENDENT. THE MITIGATING TREE SPECIES SHALL INCLUDE BUR OAK, RED OAK, WHITE OAK, BASSWOOD AND SYCAMORE, AND BE 1 3/4" BALLED AND BURLAPPED.
9. SNOW FENCING OR A SIMILAR MATERIAL WILL BE INSTALLED ALONG THE PROPOSED CONSTRUCTION LIMITS.
10. TREE TRUNK PROTECTION WILL BE INSTALLED ON ANY TREE WITHIN 10 FEET OF THE CONSTRUCTION LIMITS, OR AS DETERMINED BY THE RESIDENT ENGINEER.
11. THE FOLLOWING FOUR (4) TREES WHICH ARE NEAR THE CONSTRUCTION LIMITS WILL BE SAVED:
  - LT STA 43+94.63 AT 43.1' OFFSET
  - LT STA 44+00.9 AT 39.35' OFFSET
  - LT STA 44+61.84 AT 36.2' OFFSET
  - LT STA 44+63.33 AT 48.8' OFFSET
12. THE FORESLOPES BETWEEN LT STA 30+00 TO STA 30+25 WILL REMAIN IN PLACE AS THEY ARE ALREADY STABLE AT THE 1:2 SLOPE. THIS WILL AVOID IMPACTING SOME MATURE TREES AND NATIVE VEGETATION IN THIS AREA. RIP RAP WILL STILL NEED TO BE PLACED IN THE STREAMBED AND ALONG THE BANKS FROM ABOUT STA 29+50 TO STA 30+25 TO SLOW THE VELOCITY OF THE STREAM AND SUPPRESS EROSION OF THE STREAM BANKS IN THE FUTURE.

FILE NAME =	USER NAME = jdeen	DESIGNED - AWM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>COMMITMENTS &amp; GENERAL NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
v:\transportation\2244\2244-20\2029095	ldgn	DRAWN - TJD	REVISED -			595	(182) M-2	ROCK ISLAND	41	2	
	PLOT SCALE = 50,0000' / IN.	CHECKED - AWM	REVISED -			CONTRACT NO. 64E75					
	PLOT DATE = 3/8/2010	DATE - 3/8/2010	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		