

**MWRD GENERAL NOTES**

1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4080).
2. ELEVATION OF DATUM IS NGVD 29.
3. ALL SANITARY SEWER CONSTRUCTION AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS, REQUIRES STONE BEDDING WITH STONE 3/4" INCH TO 1 INCH IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.
4. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMANS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18 INCHES VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18 INCHES VERTICAL SEPARATION. IF EITHER THE VERTICAL AND HORIZONTAL DISTANCES DESCRIBED ABOVE CAN NOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATERMAIN, THE SEWER SHALL BE CONSTRUCTED TO WATERMAIN STANDARDS.
5. THE CONTRACTOR SHALL PROTECT AND UTILIZE EXTREME CARE WORKING WITHIN THE VICINITY OF THE MWRD FACILITIES.
6. THE CONTRACTOR SHALL MAINTAIN ADEQUATE ACCESS AS DIRECTED BY THE ENGINEER TO ALL MWRD FACILITIES, 24 HOURS A DAY.
7. THE CONTRACTOR SHALL SUBMIT THE PLAN AND METHODOLOGY FOR DRIVING SHEET PILES AROUND MWRD STRUCTURES TO MWRD AND THE ENGINEER FOR REVIEW TO AVOID DAMAGE TO MWRD FACILITIES AND APPROVAL THREE (3) WEEKS PRIOR TO THE START OF WORK. THE MWRD STRUCTRES SHALL BE PROTECTED AS PER THE MWRD GUIDELINES.
8. THE CONTRACTOR SHALL COMPLY WITH THE GENERAL CONDITION OF THE MWRD REQUIREMENTS. THE COST FOR COMPLYING WITH THESE MWRD REQUIREMENTS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT PAY ITEMS.
9. THE CONTRACTOR SHALL MAINTAIN ACCESS TO AND FLOW OF ALL THE MWRD FACILITIES AT ALL TIMES DURING CONSTRUCTION. THE EXISTING CONDUIT AND CABLE ATTACHED TO THE EXISTING STRUCTURE SHALL BE MAINTAINED AND OPERABLE DURING CONSTRUCTION AT ALL TIMES PRIOR TO ITS REMOVAL AS DIRECTED BY THE ENGINEER. THE LOCATION OF THE TEMPORARY AND PROPOSED MWRD CONDUIT, WIRE, HANDHOLE AND ALL OTHER ITEMS NECESSARY TO MAINTAIN THE MWRD FACILITY SHALL BE DETERMINED BY THE ENGINEER AND COORDINATED WITH MWRD.
10. THE CONTRACTOR SHALL OBTAIN A CONFINED SPACE ENTRY PERMIT FROM MWRD. THIS PERMIT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
11. MWRD WILL PROVIDE THE FRAMES AND LIDS FOR ALL MWRD STRUCTURES TO BE RECONSTRUCTED. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY ADDITIONAL STEPS NEEDED WITHIN THE STRUCTURE. THE STEPS SHALL ADHERE TO MWRD SPECIFICATIONS.
12. THE CONTRACTOR WILL BE RESPONSIBLE FOR POST-CONSTRUCTION VIDEOTAPING OF THE MWRD FACILITY. THE POST-CONSTRUCTION VIDEO WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR VIDEO TAPING OF MWRD SEWERS. A PRE-CONSTRUCTION VIDEO OF THE MWRD FACILITY HAS BEEN PERFORMED BY THE DEPARTMENT AND THE VIDEO WILL BE AVAILABLE AT IDOT FOR REVIEW.
13. THE CONTRACTOR SHALL OBTAIN SPECIFICATIONS OF MANHOLE STEPS FOR THE RECONSTRUCTION OF THE MWRD FACILITIES FROM MWRD.

FILE NAME: 621013

**Bollinger, Lach & Associates, Inc.**  
 IASCA, ILLINOIS

USER NAME * #USER#	DESIGNED - MTC	REVISED -
	DRAWN - MTC	REVISED -
PLOT SCALE * #SCALE#	CHECKED - JJP	REVISED -
PLOT DATE * 12/20/2013	DATE - 12/20/2013	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 64 (NORTH AVE) OVER THE DES PLAINES RIVER  
 MWRD GENERAL NOTES**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	541Y-3-B	COOK	143	3
CONTRACT NO. 60J11				
SCALE: NONE	SHEET NO. 2 OF 2SHEETS	STA.	TO STA.	
ILLINOIS FED. AID PROJECT				