

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-1	WILL	227	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		NOTES-02 OF 02		

DRAINAGE NOTES

1. INVERT ELEVATIONS FOR EXISTING PIPES HAVE BEEN SHOWN ON THE PLANS WHEN SURVEY INFORMATION WAS AVAILABLE. THE CONTRACTOR SHALL VERIFY THE INVERT ELEVATIONS FOR EXISTING PIPES IN THE FIELD AT THE TIME OF CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

2. FOR INSTALLATION OF PROPOSED DRAINAGE STRUCTURES IN EXISTING SEWERS, A PORTION OF THE EXISTING PIPE SHALL BE CUT AND REMOVED. THE PROPOSED STRUCTURE SHALL BE PROVIDED WITH ADEQUATELY SIZED OPENINGS SUCH THAT THE EXISTING PIPE MAY BE CONNECTED AT IT'S EXISTING INVERT ELEVATION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR THE TYPE AND KIND OF DRAINAGE STRUCTURE TO BE INSTALLED.

3. TOP OF GRATE ELEVATIONS FOR EXISTING STRUCTURES SHOWN ON THE PLANS WERE DETERMINED BY COMPUTER TERRAIN MODELING. THE RESIDENT ENGINEER MAY REVISE THE TOP OF GRATE ELEVATIONS AT THE TIME OF CONSTRUCTION BASED ON FIELD CONDITIONS.

4. REMOVAL OF EXISTING UNDERDRAINS AND HEADWALLS FOR UNDERDRAINS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR "EARTH EXCAVATION".

5. THE STATION AND OFFSET OF THE DRAINAGE STRUCTURES ADJACENT TO THE CONCRETE BARRIER ARE TO THE EDGE OF THE FRAME ADJACENT TO THE CONCRETE BARRIER. THE STATION AND OFFSET OF ALL OTHER DRAINAGE STRUCTURES ARE SCHEDULED TO THE CENTER OF THE FRAME.

6. FOR PROPOSED STORM SEWER OR PIPE CULVERT CONNECTIONS TO EXISTING PIPES, BOX CULVERTS OR STRUCTURES, THE CONNECTION AND REMOVAL OF CONCRETE TO MAKE NECESSARY HOLES IN THE EXISTING PIPES, BOX CULVERTS OR STRUCTURES WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR STORM SEWERS OR PIPE CULVERTS OF THE SIZE, TYPE, CLASS AND OF THE PARTICULAR KIND OF MATERIAL WHEN SPECIFIED.

7. REMOVAL OF MANHOLES, CATCH BASINS AND ANY OTHER EXISTING DRAINAGE STRUCTURES IN THE EXISTING MEDIAN DITCH OF I-55 OR ELSEWHERE ON THE I-55 EXPRESSWAY, SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "REMOVING MANHOLES", REGARDLESS OF SHAPE, DEPTH OR SIZE OF THE STRUCTURE, EXCEPT FOR MEDIAN INLETS BOXES, WHICH SHALL BE PAID FOR SEPARATELY AS "MEDIAN INLET BOX REMOVAL".

8. DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN ALL SURFACE DRAINAGE WITHIN THE PROJECT LIMITS. ALL STORM SEWER AND DITCH FLOWS MUST BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

9. STATION OFFSETS AND RIM/GRATE ELEVATIONS FOR DRAINAGE STRUCTURES ADJACENT TO THE BARRIER BASE ARE BASED ON A 3 FOOT BARRIER BASE THAT IS CONSTRUCTED SYMMETRICAL ABOUT THE CENTERLINE. THE CONTRACTOR SHALL ADJUST THE ELEVATIONS AND OFFSET LOCATIONS SHOWN ON THE PLANS FOR ALL DRAINAGE STRUCTURES INSTALLED ALONG THE CONCRETE BARRIER AS NECESSARY TO ACCOMMODATE VARIABLE BARRIER BASE WIDTHS THAT ARE NEEDED TO ACCOMMODATE NORTHBOUND AND SOUTHBOUND ELEVATION DIFFERENTIALS $\frac{1}{64}$. THIS COST OF THIS WORK SHALL BE INCLUDED IN THE COST FOR THE APPLICABLE DRAINAGE STRUCTURES. FOR ADDITIONAL BARRIER BASE INFORMATION, SEE TYPICAL SECTIONS AND STANDARDS.

10. DURING STAGE I, THE FRAMES AND GRATES CONSTRUCTED ADJACENT TO THE CONCRETE BARRIER SHALL BE SET FLUSH WITH THE LEVEL OF THE BINDER COURSE AND THE GRATES SHALL BE BOLTED DOWN $\frac{1}{64}$ IMMEDIATELY PRIOR TO PLACING THE SURFACE COURSE DURING STAGE III OR AS DIRECTED BY THE ENGINEER. THE BOLTS AND ASSOCIATED HARDWARE SHALL BE REMOVED AND THE FRAMES AND GRATES SHALL BE ADJUSTED TO THE FINAL SURFACE ELEVATION IN ACCORDANCE WITH SECTION 603 "ADJUSTING FRAMES AND GRATES OF DRAINAGE AND UTILITY STRUCTURES." $\frac{1}{64}$ THE BOLTS AND ASSOCIATED HARDWARE SHALL BE DELIVERED TO THE I-55 BOLINGBROOK MAINTENANCE YARD AT 151 EAST SOUTH FRONTAGE ROAD, BOLINGBROOK, IL 60440 (PHONE # 630.739.5641). $\frac{1}{64}$ THE COST OF BOLTING THE GRATES DURING STAGE I AND THEN REMOVING THE BOLTS AND ASSOCIATED HARDWARE AND DELIVERING THEM TO THE IDOT MAINTENANCE FACILITY SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR FRAMES AND GRATES OF THE TYPE SPECIFIED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55
 US 30 (PLAINFIELD ROAD) TO 143RD STREET

GENERAL NOTES

SCALE: NONE
 DATE: 02-23-07

DRAWN BY RMH
 CHECKED BY DVS



FINAL