

NOTES:

1. CONNECTION TO EXISTING DRAINAGE STRUCTURES TO BE INCLUDED IN THE COST OF STORM SEWER PLACEMENT.

2. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET, AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR DIRECTLY, BUT SHALL BE INCLUDED IN THE COST OF DRAINAGE PAY ITEMS.

3. STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY TO THE STRUCTURES TO SET THE FRAME AND GRATES IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF THE STRUCTURE; ELEVATION INDICATES RIM GRADES. FOR FLARED END SECTIONS THE STATION/OFFSET AND ELEVATION ARE GIVEN TO THE END OF STORM SEWER PIPE.

4. ALL ABANDONED SEWER INVERTS SHALL BE PLUGGED WITH BRICK AND CLASS SI CONCRETE TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE STORM SEWER BEING REMOVED.

5. MINIMUM UNDERDRAIN DEPTH IS 36" BELOW THE TOP OF THE PAVEMENT SURFACE WITH POSITIVE FLOW MAINTAINED. SEE IDOT STANDARD DRAWING 601001 FOR DETAILS.

6. UNDERDRAINS ARE OFFSET FOR CLARITY. SEE IDOT STANDARD DRAWING 601001 FOR DETAILS.

7. THE COST OF MAKING UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PROPOSED UNDERDRAIN.

8. END SECTIONS AND HEADWALL TO BE REMOVED SHALL BE INCIDENTAL TO THE COST OF STORM SEWER REMOVAL.

EXISTING DRAINAGE LEGEND

CULVERT		STORM SEWER	
DITCH LINE		STORM SEWER REMOVAL	
EDGE OF WATER		CULVERT REMOVAL	
WETLAND		HEADWALL	
CATCH BASIN		STRUCTURE TO BE REMOVED	
MANHOLE		DRAINAGE STRUCTURE OR SAN MH TO BE ADJUSTED	
INLET		MULTIPLE DRAINAGE STRUCTURE ADJUSTMENTS	
FLARED END SECTION		DRAINAGE STRUCTURE TO BE RECONSTRUCTED	
JUNCTION CHAMBER			

PROPOSED DRAINAGE LEGEND

DITCH FLOW		HEADWALL	
SUMMIT		STORM SEWER	
SWALE		PIPE UNDERDRAINS	
PAVEMENT DRAINAGE FLOW		CULVERT ID	
BOX CULVERT		STORM SEWER ID	
PIPE CULVERT		DRAINAGE STRUCTURE ID	
CATCH BASIN		DRAINAGE STRUCTURE TO BE ADJUSTED	
INLET		DRAINAGE STRUCTURE TO BE RECONSTRUCTED	
FLARED END SECTION		MULTIPLE DRAINAGE STRUCTURE ADJUSTMENTS	
MANHOLE		INSTALL FRAMES AND GRATES	
MH W/RESTRICTOR PLATE		FLARED END SECTION ID	
RIP RAP			
JUNCTION CHAMBER			

FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
D160M62-SHT-DRAIN NOTES-01.dgn		DRAWN - EJD	REVISED -
	PLOT SCALE = 40.000000' / in.	CHECKED - JWM	REVISED -
SHT.PLAN	PLOT DATE = 3/13/2013	DATE - 03/13/13	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	153
<b>DN-01</b>		CONTRACT NO. 60M62		
ILLINOIS FED. AID PROJECT				