## DRAINAGE AND UTILITIES GENERAL NOTES:

- 1. EXISTING MANHOLE / CATCH BASIN RIMS SHALL BE ADJUSTED AS NOTED.
- 2 ALL SEWER AND WATERMAIN CROSSINGS SHALL MEET WITH THE APPLICABLE LOCAL AND STATE GUIDELINES AS DESCRIBED IN THE LATEST EDITION OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
- 3. THE CONTRACTOR SHALL COORDINATE THE PROPOSED STORM SEWER CONSTRUCTION WITH ALL OTHER UTILITY ADJUSTMENTS AND INSTALLATIONS AS APPROVED BY THE
- 4. UNDERGROUND UTILITIES AND DRAINAGE SYSTEMS SHOWN ON THE PLANS ARE BASED ON AVAILABLE SURVEYS AND AS-BUILT INFORMATION. THE LOCATION OF UNDERGROUND FACILITIES ARE APPROXIMATE, PRIOR TO CONSTRUCTION, THE CONTRACTOR IS REQUIRED TO VERIFY ALL UTILITY LOCATION AND DEPTHS.
- 5. ALL ADJUSTMENTS OF CORPORATION STOPS, METERS OR OTHER DEVICES ENCOUNTERED ON SERVICE LINES SHALL BE BY OTHERS.
- 6. DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN ALL SURFACE DRAINAGE WITHIN THE PROJECT LIMITS. ALL STORM FLOW MUST BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- 7. ANY EXISTING DRAINAGE FACILITIES DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS/HER EXPENSE. THIS WORK SHALL MEET WITH THE SATISFACTION OF THE ENGINEER.
- 8. ALL STORM SEWERS ARE RCP UNLESS OTHERWISE SPECIFIED.
- 9. OFFSETS AND TOP OF FRAME OR LID ELEVATIONS FOR STRUCTURES LOCATED IN THE GUTTER ARE GIVEN AS THE EDGE OF PAVEMENT.
- 10. OFFSETS AND TOP OF FRAME OR LID ELEVATIONS FOR STRUCTURES NOT LOCATED IN THE GUTTER ARE GIVEN TO THE CENTER OF THE STRUCTURE.
- 11. RUBBER GASKETS SHALL BE USED ON ALL STORM SEWER PIPE CONNECTIONS DUE TO SHALLOW GROUND WATER LEVEL AND THE PRESENCE OF SOFT AND SANDY SOILS.

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12. ALL CORRUGATED METAL PIPE (CMP) CULVERT REMOVAL SHALL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST FOR EARTH EXCAVATION.

## DRAINAGE AND UTILITIES LEGEND:

EXISTING STORM SEWER	$\rightarrow$	FRAME AND LID TO BE ADJUSTED	A
EXISTING SANITARY	<del>-</del> -	ITEM TO BE ADJUSTED	ADJ
EXISTING CULVERT			
EXISTING DITCH	<b>-</b> ∕->	ITEM TO BE RELOCATED	REL
EXISTING CATCH BASIN	$\cap$	ITEM TO BE REMOVED	R
		ITEM TO BE RECONSTRUCTED	REC
EXISTING INLET		WATER ITEM TO BE ADJUSTED	A
EXISTING MANHOLE	0		
EXISTING FLARED END SECTION	◁		
EXISTING HEADWALL	)		
PROPOSED STORM SEWER	-		
PROPOSED DITCH	<b>-</b> ∼→		
PROPOSED INLET	_		
PROPOSED MANHOLE	$\odot$		
PROPOSED FLARED END SECTION	◀		
PROPOSED SWALE			
PROPOSED CATCH BASIN	•		
PROPOSED HEADWALL			
PROPOSED WATERMAIN	— w —		

F.A.P. RTE.	A.P. SECTION		COUNTY		TOTAL SHEETS	SHEET NO.	
374	74 3268F~R-1		COOK		279	68	
STA.	STA. TO STA.						
FED. ROA	AD DIST. NO.	ILLINOIS	FED.	AID	PROJECT		

CONTRACT NO. 62387

REVISIONS NAME ILLINOIS DEPARTMENT OF TRANSPORTATION DATE DRAINAGE NOTES



SCALE: VERT. N.T.S. HORIZ. DATE 02/05/08

DRAWN BY GRHJr CHECKED BY GC