GENERAL NOTES:

- 1. THE CONTRACTOR SHALL MAINTAIN ALL ROADWAYS OPEN TO TRAFFIC AS SHOWN PER THE MAINTENANCE OF TRAFFIC DETAILS.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.I.E. AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, CABLE, AND GAS FACILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- CONTACT VILLAGE ENGINEER, VILLAGE OF WILMETTE (847) 853-7660 FOR WATER, SEWER AND VILLAGE ELECTRIC LOCATIONS.
- 4. THE CONTRACTOR SHALL NOT BE ALLOWED TO ERECT A YARD OR FIELD OFFICE ON VILLAGE OR RAILROAD RIGHT-OF-WAY OR PROPERTY WITHOUT WRITTEN PERMISSION FROM THE VILLAGE OF WILMETTE OR THE UNION PACIFIC RAILROAD.
- 5. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE PROPER CURING TIME FOR THE VARIOUS HMA LIFTS.
- 6. ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM 1929.
- NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS AND EROSION CONTROL MEASURES ARE MET.
- ALL UTILITIES, SCHOOL DISTRICTS, PARK DISTRICT, LOCAL POLICE, AND FIRE DEPARTMENTS SHALL BE NOTIFIED IN WRITING BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- UNLESS AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.
- IO. TREES NOT MARKED FOR REMOVAL SHALL BE CONSIDERED AS DESIGNATED TO BE SAVED AND SHALL BE PROTECTED UNDER THE PROVISIONS OF ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS.
- ALL LIMBS, BRANCHES, AND OTHER DEBRIS RESULTING FROM THIS WORK SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS OWN EXPENSE OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY.
- 12. ALL CLEARING, REMOVAL OF BUSHES, HEDGES AND TREES UNDER SIX (6) INCHES IN DIAMETER WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
- 13. DURING CONSTRUCTION, THE CONTRACTOR WILL BE REQUIRED, AT HIS EXPENSE, TO HAVE AVAILABLE A WATER TRUCK OR SIMILAR EQUIPMENT TO CONTROL DUST. IF NECESSARY, THE CONTRACTOR SHALL BE REQUIRED TO CONTROL DUST DURING NON-WORKING HOURS
- 14. THE CONTRACTOR SHALL MAKE PRIOR ARRANGEMENTS WITH THE VILLAGE OF WILMETTE WATER DEPARTMENT PRIOR TO THE USE OF ANY FIRE HYDRANT. HYDRANT METERS AND RPZ'S MUST BE USED. CONTACT THE ENGINEERING DEPARTMENT AT (847) 853-7660.
- 15. ALL OPEN EXCAVATIONS SHALL BE ADEQUATELY COVERED (STEEL PLATED) OR FILLED IN AT THE END OF EACH DAY. NO OPEN EXCAVATIONS ARE ALLOWED OVERNIGHT. THE COST OF THIS WORK-SHALL BE INCLUDED IN THE COST OF THE ITEM REQUIRING EXCAVATION.
- 16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND CLEAN UP OF MUD AND OTHER DEBRIS TRACKED ON ALL STREETS LEADING TO THE PROJECT SITE CAUSED BY THE CONSTRUCTION OPERATIONS. THE CLEAN UP IS AT THE DISCRETION OF AND SHALL BE DONE TO THE SATISFACTION OF THE VILLAGE ENGINEER.
- 17. THE CONTRACTOR SHALL OBSERVE THE FOLLOWING WORKING HOURS:
 WORK SHALL BE PERFORMED BETWEEN THE HOURS OF 7:00 AM AND 7:00 PM
 MONDAY THROUGH FRIDAY. WORK ON SATURDAYS SHALL BE LIMITED TO 8:00 AM
 TO 4:00 PM. NO WORK SHALL BE PERFORMED ON SUNDAYS OR THE FOLLOWING
 HOLIDAYS: NEW YEARS DAY, MEMORIAL DAY, 4+h OF JULY, LABOR DAY, THANKSGIVING
 AND CHRISTMAS. ANY LANE CLOSURES ON GREEN BAY ROAD SHALL BE LIMITED
 TO THE HOURS OF 9:00 AM TO 3:30 PM. ANY ADJUSTMENTS SHALL BE APPROVED
 IN ADVANCE BY THE VILLAGE ENGINEER.
- 18. ALL TRENCHES, HOLES OR OTHER EXCAVATIONS REQUIRED FOR UTILITY INSTALLATION SHALL BE BACK-FILLED AND STABILIZED AT THE END OF EACH WORKING DAY. NO EXCAVATION SHOULD BE OPENED MORE THAN WHAT CAN BE STABILIZED BY THE END OF THE SAME DAY.
- 19. ALL WASTE GENERATED AS A RESULT OF CONSTRUCTION ACTIVITIES (CONCRETE TRUCK WASHOUT, CHEMICALS, LITTER, SANITARY WASTE OR ANY OTHER WASTE) SHALL BE PROPERLY DISPOSED OF AND BE PREVENTED FROM BEING CARRIED OFF THE SITE BY EITHER WIND, WATER. OR CONSTRUCTION VEHICLES.
- 20. THE LOCATION AND ELEVATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE MUNICIPALITIES DO NOT GUARANTEE ITS ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATIONS OF SUCH FACILITIES SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 105.07 OF THE STANDARD SPECIFICATIONS. THEIR FACILITIES MAY BE REQUIRED TO BE ADJUSTED OR RELOCATED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR DESTRUCTION OF PUBLIC OR PRIVATE PROPERTY, AND SHALL RESTORE SUCH PROPERTY AT HIS OWN EXPENSE. COORDINATION OF ALL UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT A PRE-CONSTRUCTION CONFERENCE. THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

GENERAL NOTES (CONT.):

- 22. WHENEVER THE CONTRACTOR ENCOUNTERS FACILITIES AND APPURTENANCES WITHIN THE LIMITS OF THE IMPROVEMENTS DURING TRENCHING OPERATIONS, HE WILL BE REQUIRED TO HAND TRENCH IN THAT AREA IN ORDER NOT TO DAMAGE THE FACILITIES. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- 23. THE CONTRACTOR WILL BE REQUIRED TO DISPOSE OF ALL SIDEWALK, CURB AND GUTTER, PAVEMENT, AND ALL OTHER MATERIAL EXCAVATED OR REMOVED, DUE TO CONSTRUCTION OPERATIONS, AT HIS EXPENSE. ALL EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM SITE ON THE DAY IT IS EXCAVATED. NO PAYMENT WILL BE MADE FOR HAULING OR TRUCKING MATERIAL TO LOCATIONS, PROVIDED BY THE CONTRACTOR, OUTSIDE THE LIMITS OF THE IMPROVEMENT.
- 24. DURING CONSTRUCTION OPERATIONS, WHENEVER ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED BY THE CONTRACTOR AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- 25. ONLY PRECAST CONCRETE ADJUSTMENT RINGS WILL BE ALLOWED IN THE ADJUSTMENT OR RECONSTRUCTION OF CATCH BASIN, MANHOLE, INLET, AND VALVE VAULT STRUCTURES. COMMON BRICK WILL NOT BE ALLOWED.
- 26. FRAMES ON ALL NEW STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE COST. ALL FRAMES, GRATES, LIDS AND BOXES REMOVED FROM EXISTING WATER SERVICE OR SEWER STRUCTURES WHICH ARE TO BE ABANDONED OR ADJUSTED WITH A NEW OR DIFFERENT FRAME AND LID SHALL BECOME THE PROPERTY OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR DISPOSAL. ANY OF THESE ITEMS WHICH ARE DAMAGED OR BROKEN DURING HANDLING SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS, AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING CONSTRUCTION OPERATIONS AT THE DIRECTION OF THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT. SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES. EVERY SIGN REMOVED MUST BE RE-ERECTED TO A TEMPORARY LOCATION IN AN APPROVED MANNER AND BE VISIBLE TO TRAFFIC FOR WHICH IT IS INTENDED. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE PROJECT. ALL SIGNS SHALL BE RE-ERECTED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. HORIZONTAL LOCATION FROM THE EDGE OF PAVEMENT SHALL BE AS DESIGNATED BY THE ENGINEER. ALL UNUSED SIGNS WILL BE RETURNED TO THE AGENCY HAVING JURISDICTION.
- 28. AN EXPANSION JOINT SHALL BE PLACED A MINIMUM OF THREE (3) FEET OF EITHER SIDE OF ADJACENT TREES. THE CURB GAP SHALL BE HAND FORMED IN ORDER TO PROTECT THE TREE ROOT SYSTEM. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- 29. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED. ONE (1) WEIGHTED SANDBAG SHALL BE PLACED ACROSS EACH BOTTOM RAIL. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR (4) WEIGHTED SANDBAGS.

RAILROAD GENERAL NOTES:

- . WORK WINDOWS FOR ANY WORK ON UNION PACIFIC RAILROAD (UPRR)
 PROPERTY ARE:
 MON-FRI: 9:00AM TO 3:30PM
 - SAT: 7:00AM TO 5:00PM*

 * SUBJECT TO APPROVAL OF UPRR AREA MANAGER
- CONTRACTORS WILL BE REQUIRED TO OBTAIN 'RIGHT OF ENTRY' PERMIT BEFORE ENTERING RAILROAD PROPERTY.
- FLAGGING PROTECTION REQUIRED WHEN WORKING WITHIN 25 FEET OF NEAREST TRACK.
- 4. FOR RAILROAD UTILITIES NOT COVERED BY JULIE:
 RAILROAD LOCATES: 312-496-4738
 FIBER OPTIC LOCATES: 800-336-9193

F.A.U. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
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FED. RO	AD DIST. NO. ILLIN	OIS	FED. AID	PROJECT	•

CONTRACT NO. 83999

MWRD GENERAL NOTES:

I. 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 708-588-4055).

- ELEVATION DATUM IS USGS.
- 3. THERE ARE NO FLOOR DRAINS ON THIS PROJECT.
- 4. THERE ARE NO FOOTING DRAINS OR DOWNSPOUTS ON THIS PROJECT.
- 5. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO:

PIPE MATERIAL SPEC.	JOINT SPEC.
VITRIFIED CLAY PIPE VCP C-700 VCP (NO-BEL) C-700	C-425
JOINT COLLAR	C-425 D-1784
CONCRETE PIPE C-14 RCP C-76	C-443 C-443
ACP C-428 ABS SEWER PIPE	D-1869
SOLID WALL 6" DIA. SDR 23.5 ABS D-2751 ABS COMPOSITE/TRUSS PIPE	D-2751
8"-15" DIA. ABS D-2680 PVC GRAVITY SEWER PIPE	D-2680
6"-15" DIA. SDR 26 D-3034 18"-27" DIA. F/DY=46	D-3212 OR D-2855
F-679 CISP A-74 DIP A-21.51	D-3212 OR D-2855 C-564
DIF A-21.51	A-21.11

HOLD IT FIRMLY IN PLACE.

(NOTE: THE DISTRICT HAS APPROVED LESS COMMON PIPE MATERIALS ON A QUALIFIED BASIS IN ADDITION TO THOSE ABOVE. PLEASE CONTACT THE DISTRICT IF CONSIDERING USING PIPENOT LISTED ABOVE.)

- 6. ALL STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS REQUIRES STONE BEDDING WITH STONE 1/4" TO 1" 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.
- 7. "BAND SEAL" OR SIMILAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR MATERIALS.
- . WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAT AN EXISTING WYE, TEE. OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
 - TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:

 1. CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SHEWER-TAP" MACHINE OR
 SIMILAR) AND PROPER INSTALLATION OF HUBWYE SADDLE OR HUB-TEE SADDLE.

 2. REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND
 - REPLACE WITH A WYE OR TEE BRANCH SECTION.

 3. WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL" OR SIMILAR COUPLINGS TO
- 9. 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 WATERMAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE
- 10. ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CAN NOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATERMAIN, THE SEWER SHALL BE CONSTRUCTED TO WATERMAIN STANDARDS.
- 11. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
- 12. RESILIENT CONNECTORS, CONFORMING TO ASTM C-923, SHALL BE USED BETWEEN DRAINAGE AND SANITARY STRUCTURES AND PIPES.
- 13. MAINTAIN A MINIMUM OF 2 FEET VERTICAL SEPARATION FROM THE OUTSIDE OF MWRD SEWERS AND A HORIZONTAL SEPARATION OF 10 FEET FROM MWRD STRUCTURES TO THE OUTSIDE OF PROPOSED SEWERS/FACILITIES.
- 14. EXCAVATION WITHIN 2 FEET OF MWRD FACILITIES SHALL BE EITHER BY HAND OR VACUUM EXCAVATORS.

REVISIONS				VILLAGE OF WILMETTE		
	NAME	DATE	GENERAL NOTES	VILLAGE OF WILIVETTE		
				GREEN BAY ROAD		
				INTERSECTION	IMPROVEMENTS	
- 1				DRAWN:	SHEET NO.	
- 1				CHECKED:		
- 1				APPROVED:	1	
			CONSULTANT	DATE: 02-14-2008		
-			TYLININTERNATIONAL	SCALE: NONE		
				JOB NO.:	PROJECT NO.:	