

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	3
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT		

GENERAL NOTES

VILLAGE COORDINATION:

THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF SKOKIE ENGINEER (847) 933-8231 AT LEAST 72 HOURS IN ADVANCE OF BEGINNING WORK AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER. SPECIAL ATTENTION IS CALLED TO SECTION 105 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION. THE STORAGE OF EQUIPMENT AND/OR MATERIALS WITHIN THE PARKWAYS SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER. THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF SKOKIE PUBLIC WORKS DEPARTMENT AT 847-933-8231 48 HOURS PRIOR TO ANY WORK IN ORDER TO OBTAIN VILLAGE LOCATIONS. THE CONTRACTOR SHALL ALSO CONTACT THE VILLAGE OF SKOKIE PUBLIC WORKS DEPARTMENT UTILITY DIVISION AT 847-933-8277 FOR ALL WATER MAIN SHUTOFFS. UNDER NO CONDITION SHALL THE CONTRACTOR OPERATE ANY VALVES OR HYDRANTS WITHIN THE PROJECT AREA. THE CONTRACTOR SHALL PROVIDE THE VILLAGE AND ENGINEER, PRIOR TO BEGINNING CONSTRUCTION, WITH THE NAME AND PHONE NUMBER OF A CONTACT PERSON THAT WILL BE AVAILABLE FOR QUICK RESPONSE FOR AFTER-HOURS EMERGENCIES. IF THAT PERSON DOES NOT RESPOND WITHIN 4 HOURS OF THE CALL, THEN THE VILLAGE SHALL HIRE OR USE OTHER PERSONNEL TO REMEDY THE EMERGENCY AND DEDUCT ALL COSTS INCURRED FROM THE PAYMENTS DUE THE CONTRACTOR.

PUBLIC OR PRIVATE UTILITIES:

THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE VILLAGE DOES 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.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES

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. WHENEVER THE CONTRACTOR ENCOUNTERS FACILITIES AND APPURTENANCES WITHIN THE LIMITS OF THE IMPROVEMENTS DURING TRENCHING OPERATION, HE WILL BE REQUIRED TO HAND TRENCH IN THAT AREA IN ORDER NOT TO DAMAGE THE FACILITIES.

SPRINKLER SYSTEMS DAMAGED BY THE CONTRACTOR OR IN CONFLICT WITH THE PROPOSED IMPROVEMENT SHALL BE REPAIRED OR RELOCATED BY THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS OR SPRINKLER SYSTEM MAINTENANCE CONTRACTORS TO DETERMINE REPAIR METHODS OR RELOCATION LIMITS. THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

DISPOSAL OF MATERIALS:

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.

EXISTING DRAINAGE STRUCTURES:

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.

DRAINAGE STRUCTURE ADJUSTMENT AND RECONSTRUCTION:

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.

MAINTAINING DRAINAGE:

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER. COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCIDENTAL TO TRAFFIC CONTROL AND PROTECTION (SPECIAL).

FRAMES AND GRATES:

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 VILLAGE OF SKOKIE.

ANY OF THESE ITEMS WHICH ARE DAMAGED OR BROKEN DURING HANDLING SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR SALVAGING THESE EXISTING FRAMES, GRATES, LIDS, OR BOXES, STOCKPILING THEM ON THE JOB SITE, AND DELIVERING THEM TO THE MAINTENANCE FACILITY OF THE VILLAGE OF SKOKIE. THE CONTRACTOR SHALL NOTIFY THE VILLAGE 24 HOURS PRIOR TO DELIVERY.

TYPE 1 FRAME, CLOSED LID:

A QUANTITY OF 5 TYPE 1 FRAMES WITH OPEN LIDS AND 5 TYPE 1 FRAMES WITH CLOSED LIDS HAVE BEEN INCLUDED TO REPLACE FRAMES AND LIDS WHICH ARE BROKEN OR BREAK DURING MILLING OPERATIONS. ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY STORM SEWER MANHOLE SHALL HAVE THE WORD "STORM" CAST INTO THE LID. ALL WATER VALVE VAULTS FURNISHED AS A PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION SHALL HAVE THE WORD "WATER" CAST INTO THE LID AND ALL SANITARY MANHOLES FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION SHALL HAVE THE WORD "SANITARY" CAST INTO THE LID.

SAW CUTS:

ALL SAW CUTS REQUIRED DUE TO CONSTRUCTION STAGING SHALL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL. ALL SAW CUTS REQUIRED FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THAT ITEM.

DRIVEWAYS:

LOCAL ACCESS FOR RESIDENTS AND BUSINESS SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN INGRESS AND EGRESS TO ALL ADJUTING PROPERTIES DURING CONSTRUCTION OPERATIONS EXCEPT FOR A MAXIMUM PERIOD OF 4 CALENDAR DAYS AFTER NEW CONCRETE CURB, DRIVEWAY PAVEMENT OR SIDEWALK IS POURED. BUSINESSES SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO THIS PERIOD.

CURB AND GUTTER:

TRANSITIONS FROM EXISTING TO PROPOSED CURB AND GUTTER OR FROM PROPOSED CURB AND GUTTER OF ONE TYPE TO ANOTHER SHALL BE OVER A 10' LENGTH AND PAID FOR WITH THE CURB AND GUTTER TYPE HAVING THE HIGHER UNIT PRICE.

CLASS C PATCHES:

FOR PATCHES EXCEEDING 20 FEET IN LENGTH THE LONGITUDINAL JOINT TIE BARS WILL BE REQUIRED AND SHALL BE INCLUDED IN THE COST OF CLASS C PATCHES, 9" OF THE TYPE SPECIFIED.

WATER:

THE CONTRACTOR MUST OBTAIN A FIRE HYDRANT PERMIT FROM THE VILLAGE IN ORDER TO OBTAIN ACCESS TO MUNICIPAL WATER. THE CONTRACTOR WILL BE REQUIRED TO SUPPLY THEIR OWN RPZ BACKFLOW PREVENTOR WHEN ACCESSING MUNICIPAL WATER. THE CONTRACTOR CAN PICK UP A VILLAGE ISSUED HYDRANT METER AT THE VILLAGE PUBLIC WORKS LOCATED AT 9050 GROSS POINT ROAD. CONTACT (847) 933-8277. A \$1,000 DEPOSIT (CASH, CHECK, VISA, OR MASTERCARD) IS REQUIRED BEFORE A VILLAGE HYDRANT METER WILL BE ISSUED. THE DEPOSIT WILL BE REFUNDED IF THE METER IS RETURNED IN GOOD CONDITION.

THE CONTRACTOR SHALL NOTIFY THE WATER & SEWER DIVISION SUPERINTENDENT JEAN SCHER AT (847) 933-8277 48 HOURS PRIOR TO ANY FIRE HYDRANT OR WATER MAIN WORK.

MWRD 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 708-588-4055).
2. THE 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.

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

(NOTE: THE MWRD HAS APPROVED LESS COMMON PIPE MATERIALS ON A QUALIFIED BASIS IN ADDITION TO THOSE ABOVE. PLEASE CONTACT THE DISTRICT IF CONSIDERING USING PIPE NOT 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.
8. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED: (SEE MWRDGC DETAILS)
 1. CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SHEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUB-WYE 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 HOLD IT FIRMLY IN PLACE.
9. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATER MAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATER MAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATER MAINS 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 WATER MAIN LOCATED AT THE OPPOSITE SIDE 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 WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS.
10. 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.
11. RESILIENT CONNECTORS CONFORMING TO ASTM C-923, SHALL BE USED BETWEEN DRAINAGE AND SANITARY STRUCTURES AND PIPES. RESILIENT CONNECTORS CONFORMING TO ASTM C-443 SHALL BE PROVIDED BETWEEN PRECAST MANHOLE AND CATCH BASIN SECTIONS.

NOTE: BOXED ITEMS ARE INCIDENTAL ITEMS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SKOKIE BOULEVARD (U.S. ROUTE 41)

GENERAL NOTES

DATE 11-14-08
DRAWN BY CEC
CHECKED BY DWB

NOT TO SCALE