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HIGHWAY STANDARDS

STD. NO.	TITLE
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
542001-04	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 mm) THRU 84" (2100 mm) DIAMETER
602011-02	CATCH BASIN, TYPE C
602401-03	MANHOLE, TYPE A
602411-04	MANHOLE TYPE A, 7' (2.1 m) DIAMETER
602601-03	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604091-02	FRAME AND GRATE, TYPE 24
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
643001-02	SAND MODULE IMPACT ATTENUATORS
664001-02	CHAIN LINK FENCE
701101-04	OFF ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701427-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS • 40 MPH
701602-07	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	LANE CLOSURE, MULTILANE, 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES

MWRDGC 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. ELEVATION DATUM IS USGS.
3. NO FLOOR DRAINS.
4. NO FOOTING DRAINS OR DOWNSPOUTS.
5. ALL STORM SEWER PIPE MATERIALS SHALL BE REINFORCED CONCRETE PIPE, C-14 WITH C-443 (RUBBER GASKET) JOINTS.
6. ALL STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS SHALL HAVE A MINIMUM BEDDING THICKNESS OF ONE FOURTH THE OUTSIDE DIAMETER, MINIMUM 4 INCHES THICK. THE MATERIAL FOR THE BEDDING SHALL BE BE COARSE AGGREGATE (CA) 11 OR 13.
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:
 - a. CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUBWYE SADDLE OR HUB-TEE SADDLE.
 - b. REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
 - c. 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 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 WATERMANS 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 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.
10. ALL 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.

GENERAL NOTES

1. 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. (48 HOUR NOTIFICATION IS REQUIRED).
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
3. THE CONTRACTOR SHALL ALSO CONTACT PEOPLES GAS, THE VILLAGE OF SKOKIE AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION FOR LOCATIONS OF THEIR UNDERGROUND UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
4. THE CONTRACTOR WILL BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON THE NORTH HALF OF THE PARKING LOT AT APPROXIMATELY STATION 104+50.
5. WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
6. THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM 72 HOURS IN ADVANCE OF BEGINNING WORK.
7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
8. FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.
9. THE COST OF CONNECTING EXISTING STORM SEWERS TO PROPOSED STORM SEWERS AND TO PROPOSED DRAINAGE STRUCTURES AND THE COST OF CONNECTING PROPOSED STORM SEWERS TO EXISTING DRAINAGE STRUCTURES WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF THE VARIOUS DRAINAGE ITEMS.
10. THE COST OF REMOVING EXISTING STORM SEWERS CONFLICTING WITH THE PLACEMENT OF PROPOSED STORM SEWERS WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF THE VARIOUS STORM SEWER PAY ITEMS.
11. APPLICATION RATES FOR BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT) WILL BE PERFORMED ACCORDING TO SECTION 406 OF THE STANDARD SPECIFICATIONS. THE WORK WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF THE VARIOUS HOT-MIX ASPHALT PAY ITEMS.
12. ALL STORM SEWER JOINTS SHALL BE RUBBER GASKET ACCORDING TO ARTICLE 550.06 AND SECTION 1056 OF THE STANDARD SPECIFICATIONS.
13. A 3'-6" DEFLECTION AREA IS REQUIRED FROM THE BACK SIDE OF THE TEMPORARY CONCRETE BARRIER TO ANY OBSTRUCTION OR DROP-OFF IN THE WORK ZONE. IF THIS DEFLECTION CANNOT BE MAINTAINED, THE TEMPORARY CONCRETE BARRIER SHALL BE ANCHORED TO THE PAVEMENT THROUGH THE 3 ANCHORING HOLES ON THE TRAFFIC SIDE OF THE BARRIER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE UNIT PRICE FOR THE TEMPORARY CONCRETE BARRIER.
14. THE RESIDENT ENGINEER SHALL CONTACT WALTER CZARNY, AREA TRAFFIC FIELD ENGINEER AT 847 705-8419 AT LEAST TWO (2) WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKING.
15. FOR PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS, REFER TO DISTRICT ONE TYPICAL MARKINGS FOR DETAILS NOT SHOWN.
16. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE MARKINGS) IN ORDER THAT THESE LOCATIONS CAN BE REESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

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	USER NAME = 1485	DESIGNED - RS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	McCORMICK BLVD - HOWARD STREET TO TOUHY AVENUE INDEX OF SHEETS, HIGHWAY STANDARDS AND GENERAL NOTES	F.A.U. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1/8" = 100'-0"00"	DRAWN - ED	REVISED -			0378	3738-T	COOK	28	2
	PLOT DATE = 12/13/2013	CHECKED - RS	REVISED -			CONTRACT NO. 60887		ILLINOIS FED. AID PROJECT		
				SCALE: N.T.S.		SHEET 1 OF 1 SHEETS		STA. TO STA.		