

INDEX OF SHEETS

| SHEET NO. | DESCRIPTION |
|-----------|---|
| 1 | TITLE SHEET |
| 2 | INDEX OF SHEETS AND CITY OF CHICAGO NOTES |
| 3 | STATE STANDARDS, GENERAL NOTES AND COMMITMENTS |
| 4-9 | SUMMARY OF QUANTITIES |
| 10-11 | TYPICAL SECTIONS |
| 12-16 | SCHEDULE OF QUANTITIES |
| 17 | ALIGNMENT, TIES AND BENCHMARKS |
| 18-19 | EXISTING ROADWAY PLANS |
| 20-21 | PROPOSED ROADWAY PLANS |
| 22 | ROADWAY PROFILES NAGLE AVENUE, GREGORY AVENUE AND BRYN MAWR AVENUE |
| 23 | SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL TYPICAL SECTIONS |
| 24 | SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SHOULDER CLOSURE |
| 25 | SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL STAGE I |
| 26 | SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL STAGE II |
| 27-29 | EXISTING DRAINAGE AND UTILITIES PLANS |
| 30-31 | PROPOSED DRAINAGE AND UTILITIES PLANS |
| 32 | DRAINAGE SCHEDULE |
| 33-34 | PLAT OF HIGHWAYS LAND ACQUISITION |
| 35 | INTERSECTION DETAIL PLAN - NAGLE AVENUE AND GREGORY AVENUE |
| 36 | INTERSECTION DETAIL PLAN - NAGLE AVENUE AND BRYN MAWR AVENUE |
| 37 | BRIDGE APPROACH PAVEMENT DETAILS |
| 38 | PAVEMENT MARKING PLAN - NAGLE AVENUE, GREGORY AVENUE AND BRYN MAWR AVENUE |
| 39 | PAVEMENT MARKING PLAN - GREGORY AVENUE AND BRYN MAWR AVENUE |
| 40 | LANDSCAPING AND TEMPORARY EROSION CONTROL PLAN |
| 41-63 | TRAFFIC SIGNAL PLANS |
| 64-78 | LIGHTING PLANS |
| 79-125 | STRUCTURAL PLANS |
| 126 | DETAIL OF STORM SEWER CONNECTIONS TO EXISTING SEWER, BD-7 |
| 127 | FRAMES AND LIDS ADJUSTMENT WITH MILLING AND FRAMES AND LIDS ADJUSTMENT WITHOUT MILLING, BD-8 |
| 128 | CITY OF CHICAGO DRAINAGE DETAILS, BD-9 |
| 129 | CITY OF CHICAGO PC CONC. DRIVEWAY, ALLEY RETURN AND SIDEWALK, BD-17 |
| 130 | PAVEMENT PATCHING FOR BITUMINOUS SURFACED PAVEMENT, BD-22 |
| 131 | CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT, BD-24 |
| 132 | BUTT JOINT AND BITUMINOUS TAPER DETAILS, BD-32 |
| 133 | BITUMINOUS TAPER AT EDGE OF PCC PAVEMENT, BD-33 |
| 134 | STEEL PLATE BEAM GUARDRAIL ADJACENT TO CURB AND GUTTER AND STABILIZATION AT THE TBT TY 1 SPL, BD-34 |
| 135 | CITY OF CHICAGO CATCH BASINS, INLET AND MANHOLE DETAILS, BD-47 |
| 136 | DELETED |
| 137 | DELETED |
| 138 | ENTRANCE AND EXIT RAMP CLOSURE DETAILS, TC-8 |
| 139 | TRAFFIC CONTROL DETAILS (FOR FREEWAY) - CENTER LANE CLOSURE MULTI-LANE WEAVE SHOULDER LANE, TC-9 |
| 140 | TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS, TC-10 |
| 141-142 | MULTILANE FREEWAY PAVEMENT MARKING, TC-12 |
| 143 | TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC), TC-14 |
| 144 | PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING, TC-16 |
| 145 | TRAFFIC CONTROL FOR SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES, TC-17 |
| 146 | TEMPORARY INFORMATION SIGNING, TC-22 |
| 147 | CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS, TC-24 (SHEET 1 OF 2) |
| 148 | CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS, TC-24 (SHEET 2 OF 2) |
| 149-150 | DELETED |
| 151-160 | CROSS SECTIONS HIGHWAY STANDARDS |

CITY OF CHICAGO - PLAN NOTES

ALL CATCH BASINS IN THE CITY OF CHICAGO MUST MEET THE DEPARTMENT OF SEWERS' STANDARDS.

SEWER SIZES 525 mm (21") DIAMETER OR SMALLER MUST BE EXTRA STRENGTH VITRIFIED CLAY PIPE C-700 OR DUCTILE IRON PIPE WITH PUSH-ON OR MECHANICAL JOINTS. SEWER SIZES 600 mm (24") DIAMETER OR LARGER MUST BE REINFORCED CONCRETE PIPE TYPE C-76, CLASS III, WALL "B" WITH "O-RING" JOINTS.

IF THE SEWER PIPE COVER IS REDUCED TO LESS THAN 1 METER (3 FEET) CONCRETE ENCASEMENT OF THE SEWER OR REPLACEMENT OF THE SEWER WITH CLASS 52, DUCTILE IRON PIPE WILL BE REQUIRED.

BENCH MONUMENT LOCATIONS WITHIN THE LIMITS OF THE IMPROVEMENTS CAN BE OBTAINED FROM THE DEPARTMENT OF SEWERS AT SUITE 410, 333 SOUTH STATE STREET, CHICAGO, IL. 60604-3971. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF REPLACING ANY BENCH MONUMENT DAMAGED OR DESTROYED DURING CONSTRUCTION.

SIDEWALK ACCESSIBILITY RAMPS SHALL NOT BE CONSTRUCTED DIRECTLY OVER EXISTING OR PROPOSED DRAINAGE STRUCTURES.

CITY OF CHICAGO WATER VALVE VAULTS AND SEWER STRUCTURES SHALL NOT BE CLOSED, COVERED OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION WITHOUT WRITTEN PERMISSION FROM THE CITY OF CHICAGO DEPARTMENT OF WATER AND/OR DEPARTMENT OF SEWERS.

CURB AND GUTTER CONSTRUCTION SHALL PROVIDE A MINIMUM CURB HEIGHT OF 75 mm (3").

BACK FILL MATERIAL UNDER SIDEWALKS SHALL BE FA-2.

PAVEMENT REPLACEMENT AROUND FRAMES AND GRATES OR LIDS WHERE DRAINAGE, WATER MAIN OR ELECTRICAL STRUCTURES ARE ADJUSTED OR RECONSTRUCTED, SHALL BE WITH CLASS SI CONCRETE.

ALL PAVEMENT PATCHING SHALL BE CLASS C.

EXISTING LATERALS TO BE REUSED MUST BE RODDED AND FLUSHED IN THE PRESENCE OF THE SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT INSPECTOR. A NEW CONNECTION TO THE MAIN SEWER IS REQUIRED IF THE EXISTING LATERAL IS NOT APPROVED BY THE SEWER INSPECTOR.

IN THE LOCATIONS WHERE THE MAIN SEWER IS NOT BEING REPLACED AND THE EXISTING DRAINAGE FACILITIES ARE DISTURBED OR DAMAGED DURING CONSTRUCTION BY THE CONTRACTOR, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO RESTORE AND REPLACE THE DAMAGED FACILITIES AT HIS/HER EXPENSE TO THE SATISFACTION OF THE SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT. THE SEWER FLOW MUST BE MAINTAINED AT ALL TIMES.

CITY OF CHICAGO - PLAN NOTES (CONTINUED)

AS BUILT PLANS MUST BE SUBMITTED SOON AFTER WORK COMPLETION, FINAL PAYMENT WILL NOT BE MADE TO THE CONTRACTOR UNTIL THE SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT ACKNOWLEDGES RECEIPT OF AS-BUILT PLANS.

LOCAL ROADS, RESIDENTAL DRIVEWAYS AND PROPERTY ACCESS DRIVES MUST REMAIN OPEN TO TRAFFIC AT ALL TIMES. SHOULD A TEMPORARY CLOSURE BE NECESSARY, THE CONTRACTOR SHALL NOTIFY THE CITY OF CHICAGO AND/OR THE AFFECTED PROPERTY OWNER TWENTY FOUR (24) HOURS IN ADVANCE OF SUCH CLOSURE. CONSTRUCTION ACTIVITIES SHALL BE EXPEDITED AND ACCESS RESTORED WITHIN AN ADEQUATE TIME FRAME OR AS DIRECTED BY THE ENGINEER, CITY OF CHICAGO.

IT IS THE RESPONSIBILITY OF THE UTILITY COMPANY/GOVERNMENT AGENCY AND ITS CONSULTANTS/CONTRACTORS TO OBTAIN THE NECESSARY BACKGROUND INFORMATION FROM THE SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT IN MEETING THE SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT REQUIREMENTS FOR DESIGN DRAWINGS/CONTRACT PLANS AND FOR EXISTING FACILITIES PROTECTION DURING THE CONSTRUCTION STAGE.

IN THE RELOCATION OR CONSTRUCTION OF PRIVATE OR PUBLIC UTILITIES, INCLUDING PIPE UNDERDRAINS AND/OR SUBDRAINS, THE UTILITY MUST BE LOCATED AS FAR AWAY AS POSSIBLE FROM THE SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT FACILITIES.

NO TREES OR BALLARDS OR PERMANENT STRUCTURES ARE ALLOWED OVER THE EXISTING SEWERS AND SEWER STRUCTURES LOCATED WITHIN THE PUBLIC RIGHT-OF-WAY. THE MINIMUM CLEARANCE BETWEEN THE OUTSIDE OF THE SEWER/ STRUCTURE AND THE CENTER OF TREES SHOULD BE FIFTEEN (15) TO TWENTY (20) FEET DEPENDING ON THE SIZE OF THE SEWER.

THE UTILITY COMPANY/GOVERNMENT AGENCY AND ITS CONTRACTORS ARE RESPONSIBLE FOR THE ADEQUATE PROTECTION OF THE EXISTING SEWERS, DRAIN CONNECTIONS, SEWER STRUCTURES AND BENCH MONUMENTS DURING CONSTRUCTION OF NEW UTILITIES AND/OR ADJUSTMENT TO EXISTING UTILITIES AND THE USE OF HEAVY EQUIPMENT WITHIN THE LIMITS OF THE PROJECT.

RECORDS FROM THE SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT INCLUDE: EXISTING SEWERS, DRAIN CONNECTIONS, SEWER STRUCTURES, BENCH MONUMENT LOCATIONS, ORDINANCE GRADES, AGE OF SEWER AND PIPE MATERIAL.

COPIES OF SEWER RECORDS CAN BE OBTAIN BY PAYMENT AT THE SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT, LOCATED AT 333 S. STATE STREET SUITE 410, CHICAGO, ILLINOIS 60604-3971.

A PERMIT IS REQUIRED FROM THE SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT PRIOR TO THE START OF CONSTRUCTION OF, OR REPAIRS TO, UNDERGROUND SEWERS, DRAIN CONNECTIONS OR SEWER STRUCTURES, INCLUDING THE ADJUSTMENT OF SEWER STRUCTURES AND REMOVAL/REPLACEMENT OF FRAMES AND LIDS. THE PERMIT MUST BE OBTAINED BY A DRAINLAYER CURRENTLY LICENSED FROM THE SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT.

THE SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT MUST BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION, WITH THE NAME AND TELEPHONE NUMBER OF THE RESIDENT ENGINEER WHO COULD BE CONTACTED FOR ANY SEWER EMERGENCY.

IF NOT FOUND OR DAMAGE TO THE CITY'S BENCH MONUMENTS IS ENCOUNTERED, PLEASE CONTACT THE SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT IMMEDIATELY AT (312) 747-7893 OR (312) 747-8117.

A MINIMUM DISTANCE OF THE OUTSIDE DIAMETER OF SEWER (O.D.) PLUS FOUR (4) FEET MUST BE MAINTAINED BETWEEN THE SEWER AND THE UTILITY CENTER LINES. IF THE OUTSIDE DIAMETER/WIDTH OF UTILITY CONDUIT IS MORE THAT THE SEWER O.D., A MINIMUM OF FOUR (4) FEET HORIZONTAL CLEARANCE MUST BE OBTAINED FROM THE OUTSIDE FACE TO OUTSIDE FACE. FOUR (4) FEET HORIZONTAL CLEARANCE IS ALSO REQUIRED FROM ALL SEWER STRUCTURES. A MINIMUM OF TEN (10) FEET HORIZONTAL CLEARANCE AND EIGHTEEN (18) INCHES VERTICAL CLEARANCE IS DESIRABLE BETWEEN THE SEWER AND A WATER MAIN.

MANHOLES, CATCH BASINS AND INLETS MUST BE PROTECTED FROM THE ENTRY OF ASPHALT/DEBRIS INTO THE SEWER SYSTEM DURING CONSTRUCTION. THE CONTRACTOR MUST MARK LOCATIONS OF ALL SEWER STRUCTURES ON THE SIDEWALK BEFORE STARTING PAVEMENT REMOVAL/REPLACEMENT. ADJUSTMENT OF FRAMES AND LIDS OF SEWER STRUCTURES MUST BE COMPLETED PRIOR TO STREET RESURFACING.

THE UTILITY COMPANY/GOVERNMENT AGENCY OR ITS REPRESENTING CONTRACTOR MUST MAINTAIN ACCESS TO THE EXISTING SEWER FACILITIES INCLUDING SEWER STRUCTURES AT ALL TIMES AND COORDINATE THE PROPOSED IMPROVEMENTS WITH THE SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT ENGINEER/INSPECTOR TO AVOID ANY INTERRUPTION OF THE SEWER FACILITIES MAINTENANCE OR SERVICES. THE SEWER FLOW HAS TO BE MAINTAINED AT ALL TIMES.

THE UTILITY COMPANY/GOVERNMENT AGENCY OR ITS REPRESENTING CONTRACTOR MUST COORDINATE WITH THE SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT TO ARRANGE FOR THE INSPECTION OF THE EXISTING CATCH BASINS. THE SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT WILL DETERMINE THE NEED FOR CATCH BASIN REPAIR, REPLACEMENT OR CLEANING.

IN ARTERIAL STREETS, PERFORATED LIDS MUST BE PLACED ON ALL SEWER STRUCTURES UNLESS OTHERWISE APPROVED BY THE COMMISSIONER. IN RESIDENTIAL STREETS, MANHOLES MAY REQUIRE CLOSED LIDS. CHECK WITH SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT INSPECTOR.

EXISTING SEWERS TO BE ABANDONED MUST BE REMOVED OR FILLED WITH GROUT. SEWERS LARGER THAN 18" MUST BE FILLED WITH GROUT (SMALLER THAN 2'-0" DIAMETER ARE CLOSED WITH A PLUG WHILE 2'- 0" DIAMETER AND LARGER ARE CLOSED WITH A BULKHEAD.) WITHIN THE CENTRAL BUSINESS DISTRICT, ALL ABANDONED SEWERS MUST BE GROUTED. FLOWABLE FILL MUST BE USED INSTEAD OF GROUT, WHENEVER POSSIBLE.

THE MINUTES OF THE PRE-CONSTRUCTION MEETING MUST STATE THAT A LIST OF THE 'DEPARTMENT OF WATER MANAGEMENT SEWER UNIT REQUIREMENTS FOR EXISTING FACILITIES OF PROTECTION' WAS PROVIDED TO THE RESIDENT ENGINEER AND THE CONTRACTOR FOR COMPLIANCE.

THE CONTRACTOR MUST LOCATE AND PROMPTLY AND PROPERLY CONNECT TO THE NEW SEWERS ALL LIVE HOUSE DRAINS, CATCH BASIN DRAINS AND OTHER EXISTING LATERALS, DRAINS AND SEWERS, OF WHATEVER NATURE, WHICH ARE CONNECTED TO THE EXISTING SEWERS BEING REPAIRED OR REPLACED.

WHEN A SEWER STRUCTURE IS ABANDONED, ALL PIPE OPENINGS MUST BE PLUGGED, STRUCTURES FILLED WITH TRENCH BACK-FILL, LIDS AND FRAMES REMOVED AND SURFACE RESTORED AS PER THE SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT STANDARDS AND SPECIFICATIONS.

THE CONTRACTOR IS REQUIRED TO REPLACE ANY BROKEN OR BICYCLE UNSAFE FRAMES AND LIDS OF SEWER STRUCTURES WITH THE SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT STANDARD FRAMES AND LIDS. IN ADJUSTMENT OR RECONSTRUCTION OF SEWER STRUCTURES, ANY NON-STANDARD FRAMES AND LIDS MUST BE REPLACED WITH STANDARD FRAMES AND LIDS. IN ADJUSTMENT OR RECONSTRUCTION OF INLETS, AND NON-STANDARD INLETS (GUTTER BOXES) MUST BE REPLACED WITH THE SEWER UNITS OF THE DEPARTMENT OF WATER MANAGEMENT STANDARD INLETS.

THE FRAMES AND LIDS OF SEWER STRUCTURES TO BE ABANDONED, REMOVED, OR FILLED MUST BE SALVAGED AND THE SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT NOTIFIED FOR PICK UP.

REFER TO SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT "DETAIL SPECIFICATIONS FOR SEWER CONSTRUCTION, BOOK 3" FOR COMPLETE REQUIREMENTS.

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION INDEX OF SHEETS AND CITY OF CHICAGO NOTES F.A.I. 90 (I-90) AT NAGLE AVENUE DRAWN BY: ML, DR, FD DATE: DECEMBER 2004 CHECKED BY: JMH, MDK |
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