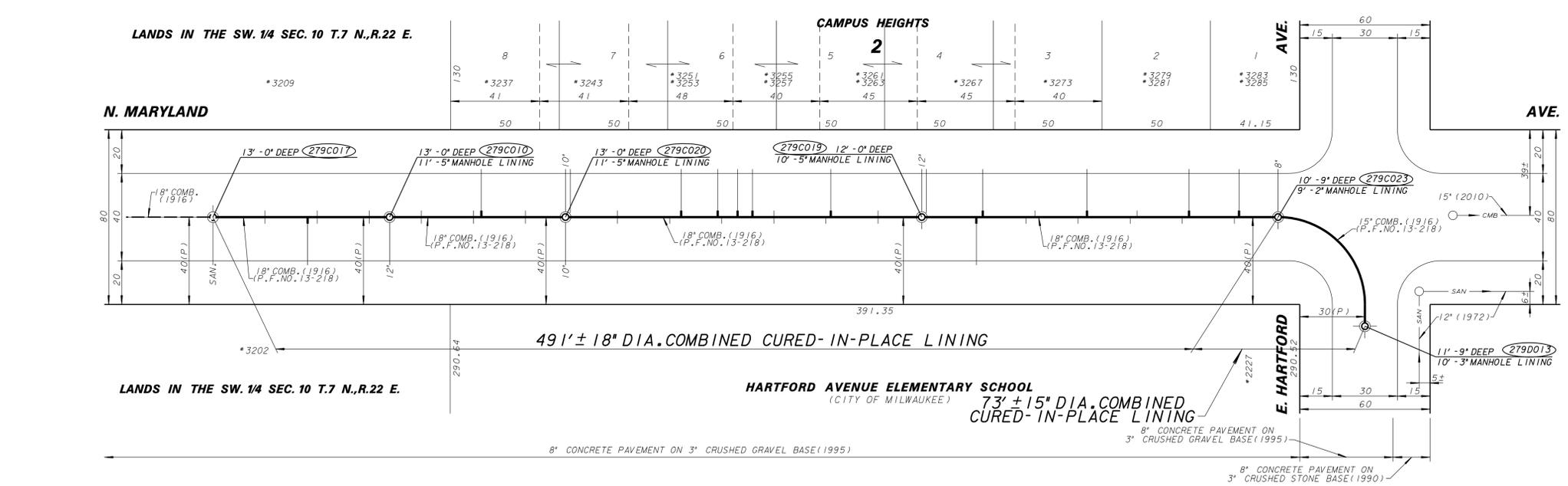
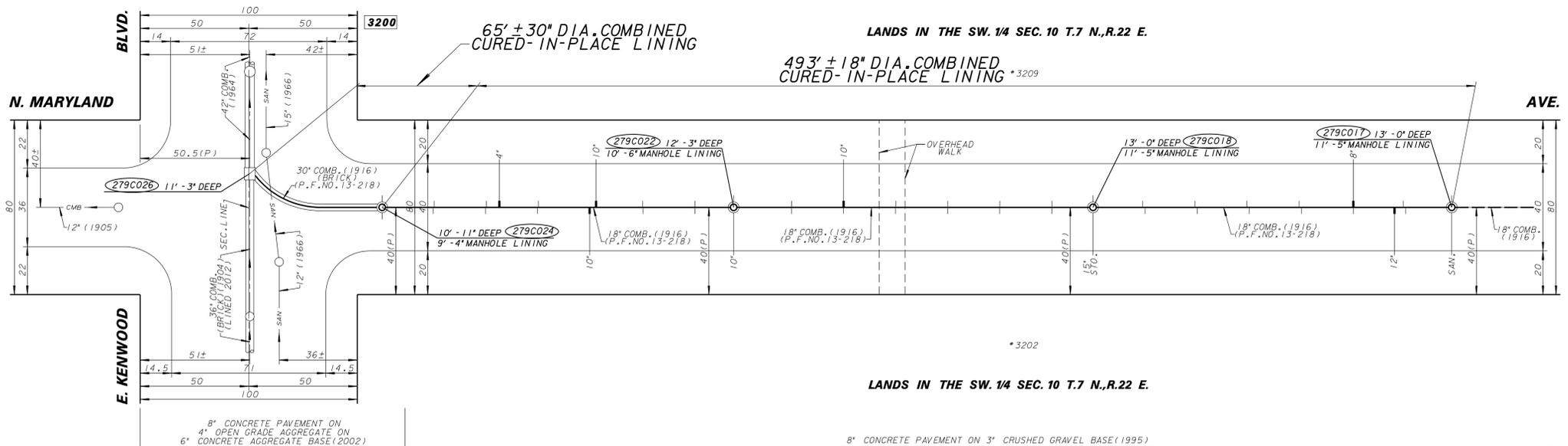


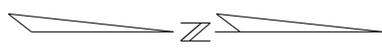
SPECIAL PROVISIONS FOR PLAN FILE NUMBER 234-59 ONLY.

- STANDARD SPECIAL PROVISIONS, PLAN FILE NUMBER 52-4-51, DATED MAY 1, 2013 (OR LATEST REVISION THERE OF), ARE PART OF THIS CONTRACT.
- THIS PROJECT SHALL BE COMPLETED BY JUNE 30, 2014. ALL WORK SHALL BE CONTINUOUS AND THE NUMBER OF ALLOWABLE WORKDAYS IS 20. A PROJECT WORKING DAY IS DEFINED AS ANY DAY THE CONTRACTOR IS ABLE TO WORK A MINIMUM OF FOUR HOURS TOWARDS COMPLETION OF THE PROJECT. THIS PROJECT IS SUBJECT TO COMMON COUNCIL APPROVAL AND SHALL NOT BE AWARDED UNTIL SUCH APPROVAL HAS BEEN AUTHORIZED.
- THIS PROJECT IS ON THE CITY'S 2014 PAVING PROGRAM FOR ASPHALT SURFACE IN NORTH MARYLAND AVENUE FROM EAST KENWOOD AVENUE TO EAST HARTFORD AVENUE. THIS WORK IS ANTICIPATED TO BEGIN IN JULY, 2014.
- WITHIN TEN (10) BUSINESS DAYS OF THE AWARD OF THIS CONTRACT, THE CONTRACTOR SHALL MAIL A NOTICE OF THE PROJECT TO THE CITY OF MILWAUKEE CONSTRUCTION SECTION AT 841 N. BROADWAY, ROOM 710, MILWAUKEE, WI 53202 FOR REVIEW AND APPROVAL. WITHIN FIVE (5) BUSINESS DAYS OF APPROVAL, THE CONTRACTOR SHALL MAIL THE PROJECT NOTICE TO ALL AFFECTED AREA RESIDENTS AND BUSINESSES. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL NOTICES ARE CONVEYED TO THE PUBLIC RECORDS. A SAMPLE NOTICE IS INCLUDED IN THE CONTRACT DOCUMENTS. CONTRACT WORK SHALL NOT START PRIOR TO COMPLETING THE NOTICE REQUIREMENT. ANY DELAY IN CONTRACT COMPLETION AS A RESULT OF NON-COMPLIANCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL POST CITY OF MILWAUKEE PROJECT IDENTIFICATION ("BLUE") SIGNS AS DIRECTED ON EACH PROJECT IN THIS CONTRACT. THE CITY WILL PROVIDE BLANK SIGNS FOR THE CONTRACTOR TO FILL IN CONTACT INFORMATION AND POST.
- THE CONTRACTOR SHOULD VISUALLY INSPECT THE PROJECT SITE, MANHOLES IN THE FIELD, AND/OR VIEW THE AVAILABLE VIDEOS AND WRITTEN EXAMINATIONS OF THE SEWER AND MANHOLES PRIOR TO BIDDING. PLEASE NOTE THAT THE EXISTING VIDEOS DO NOT EXAMINE THE ENTIRE MANHOLES STRUCTURE. VIDEO EXAMINATIONS ARE AVAILABLE FOR VIEWING IN ROOM 821 AT 841 NORTH BROADWAY. PLEASE CONTACT MR. ZAFAR YOUSUF AT (414) 286-2467 TO ARRANGE TO VIEW THE VIDEOS.
- ALL CONNECTIONS FOR BUILDING SEWERS OF RECORD HAVE BEEN SHOWN ON THE PLAN. ALL ACTIVE BUILDING SEWERS SHALL BE RE-ESTABLISHED TO THE NEW SEWER.
- THE CONTRACTOR WILL BE REQUIRED TO HANDLE ALL FLOW DURING THE INSTALLATION OF THE CURED-IN-PLACE LINING. THE COST OF BYPASSING AND PUMPING FLOW AROUND THE PROJECT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE RESPECTIVE DIAMETER COMBINED SEWER CURED-IN-PLACE LINING.
- THE CONTRACTOR SHALL CONTACT MR. JAMES BROWN AT (414) 286-3276 OF THE CITY OF MILWAUKEE TRANSPORTATION SECTION AT LEAST THREE (3) DAYS PRIOR TO THE START OF THE PROJECT TO OBTAIN "NO PARKING" SIGNS. THE CONTRACTOR SHALL ALSO CONTACT MR. BROWN TO ARRANGE FOR THE REMOVAL OF SIGNS IN THE PROJECT LIMITS.
- ONE (1) ELEVEN FOOT LANE OF TRAFFIC FOR EACH DIRECTION ON THE PROPER SIDE OF NORTH MARYLAND AVENUE DURING BOTH WORKING AND NON-WORKING HOURS SHALL BE MAINTAINED THROUGHOUT THE PROJECT LIMITS. THE CONTRACTOR SHALL MAINTAIN LOCAL TRAFFIC ON EAST BOUND LANE AT ALL TIMES.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUPPLY A TRAFFIC CONTROL PLAN OUTLINING TRAFFIC FLOW PATTERNS AROUND THE WORK ZONE AND ACCESS TO BUSINESSES AND RESIDENCES TO MR. JAMES BROWN OF THE TRAFFIC OPERATIONS SECTION, MUNICIPAL BUILDING, ROOM 920. CONTACT MR. JAMES BROWN AT (414) 286-3276 WITH QUESTIONS REGARDING THE TRAFFIC CONTROL PLAN SUBMITTAL.
- ALL SIGNS USED FOR TRAFFIC CONTROL SHALL MEET THE NATIONAL REQUIREMENTS FOR SIGN RETROREFLECTIVITY STANDARDS.
- NORTH MARYLAND AVENUE, EAST KENWOOD BOULEVARD, AND EAST HARTFORD AVENUE, ARE MILWAUKEE COUNTY TRANSIT SYSTEM (MCTS) BUS ROUTES. NO CONSTRUCTION EQUIPMENT SHALL BE STORED IN THESE STREETS. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE ANY TRAFFIC DISRUPTIONS CAUSED BY PROPOSED SEWER WORK ON THIS CONTRACT.
- THE CONTRACTOR SHALL CONTACT MS. TANZANIQUE CARRINGTON, SCHOOL ADMINISTRATOR OF THE HARTFORD UNIVERSITY SCHOOL, AT (414) 906-4700 AT LEAST TEN (10) WORKING DAYS PRIOR TO BEGINNING OF WORK. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE DISRUPTIONS OR INTERFERENCES WITH NORMAL SCHOOL OPERATIONS.
- THE CONTRACTOR SHALL CONTACT MR. ALEX ALEXOPOULOS, FACILITY ADMINISTRATOR OF THE CITY OF MILWAUKEE (UWM), AT (414) 750-5184 AT LEAST TEN (10) WORKING DAYS PRIOR TO BEGINNING OF WORK. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE DISRUPTIONS OR INTERFERENCES WITH NORMAL UNIVERSITY OPERATIONS.
- THE CONTRACTOR MAY USE EXISTING MANHOLES AS WORKSHAFTS. IF REQUIRED, THE CONTRACTOR SHALL REMOVE THE CORBEL OF THE EXISTING MANHOLE FOR CONSTRUCTION PURPOSES. THE CONTRACTOR SHALL REPLACE THE CORBEL SECTION AFTER THE COMPLETION OF CONSTRUCTION WORK. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE RESPECTIVE DIAMETER COMBINED SEWER CURED-IN-PLACE LINING.
- THE MINIMUM FLEXURAL MODULUS FOR THE RESPECTIVE DIAMETER SANITARY SEWER LINING SHALL BE AT LEAST 250,000 PSI; HOWEVER, THE CONTRACTOR HAS THE OPTION OF USING A FLEXURAL MODULUS OF 400,000 PSI AT NO ADDITIONAL COST TO THE CITY. THE CURED-IN-PLACE LINER THICKNESS SHALL CONFORM TO THE FOLLOWING VALUES:



SPECIAL PROVISIONS APPLICABLE FOR MANHOLE LINING:

- ANY MATERIAL, INCLUDING MINERAL DEPOSITS DISPLACED FROM THE MANHOLE SHALL BE REMOVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF THE REMOVED MATERIALS AT A DEPARTMENT OF NATURAL RESOURCES (DNR) APPROVED SITE. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE LINING.
- IF ANY EXCAVATION IS REQUIRED TO REPAIR THE MANHOLE PRIOR TO COMMENCING ANY WORK, THE UTILITIES SHALL BE HOT-LINED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL THE NECESSARY INFORMATION, INCLUDING "AS-BUILT" PLANS AND ELEVATIONS FROM THE RESPECTIVE UTILITY COMPANIES. THE COST OF SUPPORTING OR RELOCATING ANY UNDERGROUND OR AERIAL UTILITIES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE RESPECTIVE UTILITY OWNERS AND INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE. THE CONTRACTOR SHALL OBTAIN APPROVAL FOR ANY UTILITY RELOCATION FROM THE RESPECTIVE UTILITY OWNER PRIOR TO THE RELOCATION. THE COST OF ANY REQUIRED PAVED SAWING AND TEMPORARY AND PERMANENT PAVEMENT RESTORATION SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE REPAIR.
- FOR MANHOLE REPAIR WORK, THE CONTRACTOR SHALL REMOVE THE EXISTING MANHOLE FRAME AND LID AND REPAIR THE EXISTING BRICK WORK TO THE DEPTHS SHOWN ON THE PLAN. THIS WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 3.5.4 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL REMOVE THE EXISTING BRICK AND REPLACE WITH CONCRETE RINGS. THE CONTRACTOR SHALL RE-USE THE EXISTING FRAME AND LID IF IN GOOD CONDITION AS DETERMINED BY THE CONSTRUCTION ENGINEER. IF REPLACEMENT OF A NEW FRAME AND LID IS REQUIRED, THE CONTRACTOR SHALL OBTAIN A CASTING ORDER FROM THE CONSTRUCTION ENGINEER AND CONTACT MR. ROBERT BROOKS AT 414-286-3241 FOR PICKUP BY THE CONTRACTOR OF A NEW FRAME AND LID. ALL THE COSTS ASSOCIATED WITH THIS WORK, INCLUDING PAVEMENT RESTORATION AND FURNISHING OF ALL LABOR AND MATERIALS NECESSARY TO COMPLETE THE WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR MANHOLE REPAIR.



SHEET NO. 1 OF 6 IS PLAN FILE NO. 229-8
 SHEET NO. 2 OF 6 IS PLAN FILE NO. 229-4
 SHEET NO. 3 OF 6 IS PLAN FILE NO. 228-96
 SHEET NO. 4 OF 6 IS PLAN FILE NO. 228-25
 SHEET NO. 5 OF 6 IS PLAN FILE NO. 236-9
 SHEET NO. 6 OF 6 IS PLAN FILE NO. 234-59



CALL DIGGERS HOTLINE
 1-800-242-8511
 TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND BEFORE YOU DIG. WISCONSIN STATUTE 182.015 REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

NO.	BY	REVISION	DATE
AS BUILT		CONTRACT NO.	
		DATE ENT'D.	

ESTIMATE OF QUANTITIES		
ITEM NO.	QUANTITY	DESCRIPTION
48015	73 FT.	15" DIA. COMBINED CURED-IN-PLACE LINING
48018	984 FT.	18" DIA. COMBINED CURED-IN-PLACE LINING
48030	65 FT.	30" DIA. COMBINED CURED-IN-PLACE LINING
50059	13	RE-ESTABLISH CONNECTIONS
61008	1	RE-ESTABLISH 8" DIA. CONNECTION
61010	3	RE-ESTABLISH 10" DIA. CONNECTION
61012	1	RE-ESTABLISH 12" DIA. CONNECTION
64001	1 VERT.FT.	MANHOLE REPAIR
64400	96 VERT.FT.	MANHOLE LINING

ENVIRONMENTAL ENGINEERING SECTION
INFRASTRUCTURE SERVICES DIVISION
DEPARTMENT OF PUBLIC WORKS
 MILWAUKEE, WISCONSIN

SEWER MAIN PLAN

N. MARYLAND AVENUE
E. KENWOOD BOULEVARD
E. HARTFORD AVENUE

APPROVED: *Zafar Yousof* DATE: 02-05-2014
 DESIGN ENGINEER

DESIGNED BY: S. RAHMAN
 DRAWN BY: A. GLATZEL
 CHECKED BY: R.C. TALLY
 SYSTEM NO.: 3005

DATE: 02-05-2014
 CITY ENGINEER & SPECIAL DEPUTY COMMISSIONER OF PUBLIC WORKS

CONTRACT NO.: 1 C.C. FILE NO.: 111701
 PROJ. ID.: SM495130048 OFF. NOTICE NO.: 23-2014 DATE ADOPTED: 5/22/2014

SHEET NO. 6 OF 6 PLAN FILE NO. 234-59

LINE CODE LEGEND		
GAS	G	SANITARY SEWER
ELECTRIC	E	STORM SEWER
TELEPHONE	T	COMBINED SEWER
CABLE TELEVISION	TV	SEW. DISTRICT SEWER
FIBER OPTICS	FO	WATER MAIN
CITY UNDERGROUND CONDUIT	CUC	SEWER/WATER 24" & OVER
		STREET LIGHTING
		PAVING LIMITS
		STRUCTURE/BUILDING
		FENCE
		HYDRANT
		ALUMINUM POLE
		CONCRETE POLE
		WOOD POLE

BE ADVISED THAT THIS INFORMATION HEREBY GIVEN TO YOU IS BASED UPON THE BEST AVAILABLE RECORDS. THE EXACT LOCATION IS UNKNOWN FOR ALL UTILITIES SHOWN WITHOUT DIMENSIONS, HOWEVER WE CANNOT GUARANTEE THE CORRECTNESS OR ACCURACY OF THE SAME.