



615 Eastern Ave.
Bellwood IL, 60104

Application for Permit

To: The Village of Tinley Park
Colby C. Zemaitis, PE, CFM
Village Engineer
16250 Oak Park Ave.
Tinley Park, IL 60477

Date: 10/31/2024

Work Order: 1212189/3212189 REV. 1

2026-04-20

PERMIT: ~~2024-11-01~~

Nicor Gas hereby requests permission to:

INSTALL: MR1957 - Install 510' of 12" STL and 85' of 6" STL (See attached prints)

RETIRE: Partition Valve No. 2353401 and 115' of 6" STL, 405' of 10" STL, and 50' of 12" STL (See attached prints)

LOCATION: 159th Street and 80th Ave

Permit Granted

Signed 



Date 11/01/2024 04-20-2026

Nicor Gas Company

By: Andrew McDaniel

Title: Con Ops Supervisor/Superintendent

Phone Number: 630-740-0758


Director

Sign, date and return one copy to Nicor Gas. One copy is for your records.

GENERAL NOTES:

- CONTRACTOR TO INSTALL THE PROPOSED GAS MAIN TO THE ELEVATIONS SHOWN ON THE PLANS USING THE BENCHMARKS PROVIDED. APPROXIMATE COVER SHOWN AFTER THE REQUIRED ELEVATION IS FOR INFORMATION PURPOSES ONLY.
- BACKFILL WITH SAND WHERE PIPE TRENCH IS UNDER OR WITHIN 2' OF PAVEMENT, CURB, OR SIDEWALK.
- INSTALL PROPOSED MAIN USING ROAD STATIONING WHERE GIVEN. OTHER DIMENSIONS ARE FOR MAPPING PURPOSES ONLY.
- ALL RIGHT-OF-WAY MUST BE STAKED AND STATIONING PROVIDED BEFORE GAS MAIN CAN BE INSTALLED.
- INSTALL PIPELINE MARKERS PER GCS 249. SEE SPECIFICATION FOR ALL REQUIREMENTS. FOR CLASS 1 AND 2 LOCATIONS, MARKERS ARE REQUIRED OVER EACH BURIED MAIN AT EACH CROSSING OF A PUBLIC ROAD AND RAILROAD. IN ADDITION, PIPELINE MARKERS ARE REQUIRED AT ALL RAILROAD AND WATERWAY CROSSINGS.
- INSTALL ALL MAIN WITH A MINIMUM COVER OF 3' UNLESS OTHERWISE NOTED.
- PIPE CONTRACTOR SHALL INSTALL THE PROPOSED GAS MAINS CROSSING CONCRETE, ASPHALT, MACADAM, OR OTHER HARD SURFACED PAVEMENTS, WALKS, OR DRIVEWAYS BY BORING OR PUSHING UNLESS OTHERWISE SPECIFIED. CONTRACTOR WILL INSTALL A TEMPORARY PATCH PER GAS CONSTRUCTION SPECIFICATIONS FOR CONTRACTORS. PERMANENT REPAIRS TO BE COMPLETED BY OTHERS.
- CONTRACTOR SHALL FURNISH AND INSTALL ALL CAPS AND OTHER FITTINGS NECESSARY FOR TESTING THE MAIN.
- ALL 8" AND LARGER STEEL PIPE THAT IS BORED MUST BE DUAL COATED.
- PLUG AND/OR CAP RETIRED 8" AND LARGER MAINS EVERY 660' PER GCS 849.
- RETIRED OLD MAIN PER GCS 849.
- IT IS THE RESPONSIBILITY OF THE NICOR GAS INSPECTOR, CONTRACTOR, AND ANYONE INVOLVED IN THE CONSTRUCTION OF THE FACILITIES TO FOLLOW THE LATEST NICOR GAS GMS AND GCS SPECIFICATIONS. CONTACT NICOR'S TECHNICAL SERVICES DEPARTMENT FOR A COPY OF THE LATEST EDITION.
- COORDINATE WITH NICOR GAS INSPECTOR FOR LOCATION OF UNDERGROUND UTILITIES PRIOR TO STARTING ANY EXCAVATION. EXERCISE CARE WHEN EXCAVATING NEAR EXISTING STRUCTURES.
- ANY PROPOSED DIRECTIONALLY BORED PIPE TO BE INSTALLED PER NICOR GAS DIRECTIONAL BORING GUIDELINES DATED DECEMBER 15, 2005.
- UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND MAY NOT BE ALL INCLUSIVE CONTRACTOR SHALL CONTACT J.U.L.I.E. AND LOCAL GOVERNMENT AGENCIES PRIOR TO CONSTRUCTION FOR ALL UTILITY LOCATIONS.
- REMOVE TOP SECTION OF THE VALVE BOX FROM VALVES ON THE RETIRED MAIN. BACKFILL WITH SAND AND MATCH EXISTING PAVEMENT IF APPLICABLE.
- IT IS THE RESPONSIBILITY OF THE CREW (INTERNAL OR CONTRACTOR) INSTALLING THE GAS FACILITIES TO LOCATE ALL SEWER MAINS AND LATERALS WITHIN THE SCOPE OF THE PROJECT. NO BORING, DIRECTIONAL DRILLING OR OTHER TRENCH LESS CONSTRUCTION METHODS SHALL BE EMPLOYED WITHOUT EITHER LOCATING SEWERS OR OBTAINING PROOF OF SEPTIC SYSTEMS. THE USE OF A SONDE DEVICE (CALIBRATED DAILY) IS RECOMMENDED FOR LOCATING THE SEWER FACILITIES. SPOTTING OF SEWER FACILITIES IS REQUIRED IF A SONDE DEVICE IS NOT USED (HOWEVER, SPOTTING OF FACILITIES MAY STILL BE REQUIRED WHEN USING A SONDE DEVICE). PROPER CLEARANCE OF GAS FACILITIES AND SEWER MAINS/LATERALS SHALL BE MAINTAINED PER GCS 700 SECTION 10.
- IF ASBESTOS COAL TAR WRAP IS IDENTIFIED, REFER TO ASBESTOS COAL TAR REMOVAL GUIDELINES. REMOVAL MUST BE COMPLETED BY A TRAINED EMPLOYEE FOR ANY QUESTIONS OF PROCEDURE OR TRAINED EMPLOYEES, CALL RICK DOMBROSKI (224-363-3405) IN THE SAFETY DEPT.
- ALL SERVICE LINES MUST BE LOCATED IN THE FIELD. SERVICE LINES SHOULD BE TRANSFERRED PRIOR TO THE OLD MAIN RETIREMENT AND WHEN THE NEW MAIN IS ACTIVE TO AVOID SERVICE INTERRUPTION TO CUSTOMERS.
- FIELD BENDS OF PE AND/OR STEEL MAIN SHOULD BE COMPLETED PER GCS 700 AND 881, RESPECTIVELY.
- CONTACT INFO:
NICOR GAS
GACA, JOE (CONSTRUCTION SUPERINTENDENT)
PHONE: (708) 243-5317
EMAIL: JGACA@SOUTHERNCO.COM
NICOR GAS
OKOYE, SOMTO (CRA ENGINEER)
PHONE: (331) 452-9455
EMAIL: SOKOYE@SOUTHERNCO.COM

ENVIRONMENTAL NOTES:

- PCB WIPE SAMPLES, PERFORMED BY NICOR GAS EMPLOYEES, ARE REQUIRED FOR ALL 4" AND LARGER PIPE THAT IS ABANDONED OR REMOVED ON THIS WORK ORDER. DIRECT QUESTIONS ON PCB WIPE SAMPLE PROCEDURES TO THE SYSTEM OPERATIONS DEPARTMENT OR ENVIRONMENTAL AFFAIRS (EA).
- COLLECT AND PROPERLY DISPOSE OF ALL LIQUIDS FROM PIPELINES BEING RETIRED.
- IN THE EVENT OF A SPILL, PLEASE IMMEDIATELY CALL DISPATCH (630-317-9111) AND ASK FOR THE ON-CALL ENVIRONMENTAL REPRESENTATIVE.
- ANY RETIRED PIPE THAT MUST BE REMOVED FROM THE SITE SHOULD HAVE THE ENDS COVERED WITH PLASTIC OR SIMILAR MATERIAL UNTIL THE PCB WIPE SAMPLE LAB RESULTS ARE KNOWN. INDICATE ON THE "NICOR GAS PCB SAMPLE INFORMATION FORM" WHERE ANY PIPE REMOVED FROM THE SITE IS BEING TEMPORARILY LOCATED.
- IF CONTAMINATED SOIL IS SUSPECTED, CALL EA FOR REGULATORY COMPLIANCE INSTRUCTION.
- ALL WETLANDS SHOULD BE IDENTIFIED ON THESE WORK ORDER DRAWINGS. WETLANDS AND WATERBODIES ARE GENERALLY LABELED AS "SITES." IF THERE IS A QUESTION ABOUT THE WETLAND BOUNDARIES OR BUFFERS, PLEASE CALL EA.
- IF THE PROJECT HAS ENVIRONMENTAL PERMITS AND/OR A GREEN BINDER, THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE NICOR GAS STORM WATER POLLUTION PREVENTION PLAN FOR THE PROJECT. IF THERE ARE QUESTIONS, PLEASE CALL EA.
- IF AN INADVERTENT RETURN (IR) OF DRILLING FLUID TO THE SURFACE OCCURS DURING DIRECTIONAL DRILLING, THE CONTRACTOR IS RESPONSIBLE FOR STOPPING DRILLING, CONTAINING THE DRILLING FLUID, AND IMMEDIATELY CONTACTING EA. AFTER CONTAINING THE MATERIAL AND CONTACTING EA, THE CONTRACTOR MUST REMOVE THE IR DRILLING FLUID FROM THE IMPACTED AREA.
- REFUEL AND STORE EQUIPMENT A MINIMUM OF 100 FEET FROM WETLANDS OR WATERBODIES.
- INSTALL SOIL AND EROSION CONTROL MEASURES TO PROTECT ANY OPEN GRATED STRUCTURES (I.E. INLETS, CATCH BASINS, OR MANHOLES) WITHIN OR ADJACENT TO THE PROJECT AREA THAT ARE NEAR DISTURBED SOIL.
- WHEN DEWATERING, DIRECT WATER TO A FLAT, UPLAND AREA TO ALLOW WATER TO SOAK INTO THE GROUND AND/OR USE FILTER BAGS AND WOOD FIBER LOGS TO REMOVE SOIL/SEDIMENT FROM THE WATER. NO SEDIMENT LADEN WATER IS ALLOWED TO ENTER INLETS, WETLANDS, WATERBODIES, ETC.
- IF MUD IS BEING TRACKED ON THE STREETS BY EQUIPMENT AND/OR VEHICLES, DAILY STREET SWEEPING WILL BE REQUIRED.
- ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL CONTOURS AND CONDITIONS. RESTORATION MUST BE INITIATED WITHIN 1 DAY DEPENDING ON PERMIT CONDITIONS.

ENVIRONMENTAL CONTACT INFO:

WASTE (NOTES 1-5): EMMANUEL LADAPPO (331-293-1892)

STORMWATER (NOTES 6-13): NIKKI CHAVEZ (224-423-3487)

IDOT NOTES:

- DROP-OFFS ADJACENT TO THE TRAVEL LANE SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE TRAVEL LANE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE DROP-OFF AREAS MEET THE DROP-OFF HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES AT THE END OF EACH WORKDAY. THIS MAY REQUIRE THE CONTRACTOR TO REPLACE OR PLACE SUFFICIENT MATERIAL IN THE EXCAVATION TO REDUCE THE DROP-OFF TO BE COMPLIANT WITH THE REQUIREMENTS FOR USE OF BARRICADES. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT. WHERE POSITIVE PROTECTION (TEMPORARY CONCRETE BARRIER PER STD. 704001) IS PROVIDED, THIS REQUIREMENT IS NULLIFIED.
- CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL ROAD CLOSURE, TRAFFIC STAGE CHANGES, AND NEW TRAFFIC SIGNAL TURN-ON EVENTS OF EACH APPROACH TO THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGNS SHALL BE REMOVED TWO WEEKS THEREAFTER UNLESS THE SIGNS ARE NEEDED AGAIN FOR A SUBSEQUENT FUTURE EVENT THAT WILL OCCUR WITHIN 2 WEEKS ON THE SAME APPROACH OF THE EFFECTED ROADWAY. THE SIGN LOCATIONS SHALL BE (DETERMINED BY THE ENGINEER) PLACED AS DIRECTED BY THE ENGINEER.

TOTAL WORK ORDER QUANTITIES			
TOTAL PIPE INSTALLATION		ESTIMATED	ACTUAL
6" PIPE X52 CS FBE + INTERNAL COATING 0.188" WT		85'	
12" PIPE X52 CS FBE DC + INTERNAL COATING 0.219" WT		510'	
6" LINE VALVE (G2WW) TAG# _____		1	
12" LINE VALVE (G7WW) TAG# _____		1	
12" LINE VALVE (G7WW) TAG# _____		1	
12" LINE VALVE (G7WW) TAG# _____		1	
TOTAL PIPE RETIREMENT		ESTIMATED	ACTUAL
6" STEEL (1971)		65'	
6" STEEL (1995)		50'	
10" STEEL (1969)		385'	
10" STEEL (1971)		15'	
10" STEEL (2003)		5'	
12" STEEL (2003)		50'	
6" STEEL VALVE (1971)		1	
10" STEEL VALVE (1969)		1	
10" STEEL VALVE (1969)		1	
10" STEEL VALVE (1969)		1	
10" STEEL VALVE (1969)		1	
10" PARTITION VALVE #2353401		1	
TOTAL PIPE BORING		ESTIMATED	ACTUAL
6" BORING		85'	
12" BORING		365'	
TOTAL TRENCH BACKFILL		230 C.Y.	
TOTAL ASPHALT & CONCRETE BREAKS		1475 SQ. FT.	
TOTAL SERVICE TRANSFERS		0	

REQUIRED PERMITS APPROVAL BEFORE CONSTRUCTION	REQUIRED	APPROVED DATE
LAND SERVICES — APPROVAL		
RAILROAD		
HIGHWAY, STATE		
HIGHWAY, COUNTY		
FOREST PRESERVE		
SANITARY DIST.		
PRIVATE PROP. EASEMENT		
FRONTAGE		
OTHER GOV. AGENCY		
ENVIRONMENTAL — APPROVAL		
WATERWAYS		
WETLANDS		
CONTAMINATED SOIL		
STORM WATER		



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JULIE DIG #X230160173
JULIE DIG #X230160178

NICOR GAS - CONSTRUCTION

MR1957 - MAIN REPLACEMENT

159TH STREET (US-6) AND

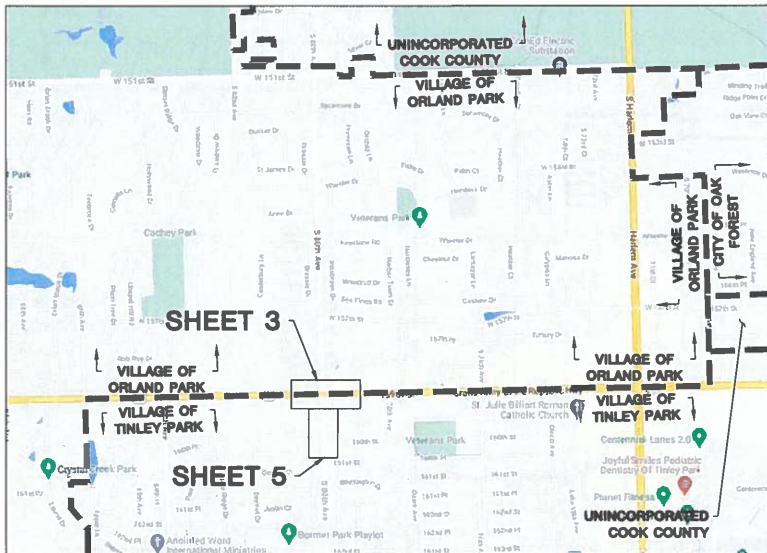
80TH AVENUE (CO HWY W32)

TINLEY PARK, ILLINOIS

W.O. 1212189/3212189

CRA

FV0 /STR 0 /PV 1

**LOCATION MAP**
TINLEY PARK, ILLINOIS
(NOT TO SCALE)

LOCATION: 159TH STREET (US-6) AND 80TH AVENUE (CO HWY W32) IN TINLEY PARK, IL						
W.O. 1212189/3212189 P.O. BILL OF MATERIALS						
PLAN	QTY.	P.O. QTY.	UNIT	ITEM DESCRIPTION	CLASS/RATING	REQ # P.O. #
1	1	1	EA	12" 45" ELL LR CS W 0.250" WT (SEGMENTABLE)	Y-52	10561
1	1	1	EA	12" 90" ELL LR CS W 0.250" WT (SEGMENTABLE)	Y-52	10561

IDENTIFIED BY NICOR UTILITY INSPECTOR					COMPLETED BY NICOR GAS*	
WIPE TEST #	WORK ORDER PAGE	TEST LOCATION	PIPE SIZE	PIPE MATERIAL	DATE TEST COMPLETED	COMMENTS

*TYPICALLY COMPLETED BY UTILITY INSPECTOR

NOTE:

NICOR UTILITY INSPECTOR TO IDENTIFY TEST LOCATIONS BASED UPON THE CRITERION OF ONE TEST FOR EACH "CUT AND CAP" ON PIPE THAT MEASURES FOUR INCHES IN DIAMETER OR GREATER. EN ENGINEERING AND NICOR GAS UNDERSTAND THAT FIELD PERSONNEL MAY DECIDE TO MOVE "CUT AND CAP" LOCATIONS, DELETE "CUT AND CAPS", OR CONDUCT ADDITIONAL "CUT AND CAPS". EN ENGINEERING UNDERSTANDS THAT NICOR GAS WILL INCLUDE WIPE TESTS AS PART OF THEIR ROUTINES TO COMPLETE A "CUT AND CAP" AND IT IS THE RESPONSIBILITY OF NICOR GAS TO ASSURE THAT NECESSARY WIPE TESTS ARE CONDUCTED AS REQUIRED BY FEDERAL REGULATIONS.

DRAWING - SHEET	DESCRIPTION
E141440-1	LOCATION MAP
E141440-2	SITE PLAN, TEST DATA AND SYMBOL LEGEND
E141440-3	159TH STREET (US-6), 80TH AVENUE (CO HWY W32) AND DETAIL "A"
E141440-4	CALLOUTS FOR SHEET 3
E141440-5	80TH AVENUE (CO HWY W32) AND 160TH STREET
E141440-6	BORE PROFILE
E141440-7	CROSS SECTIONS
E141440-8	RESTORATION PLANS (1 OF 2)
E141440-9	RESTORATION PLANS (2 OF 2)
E141440-10	TYPICAL SECTIONS
E141440-11	TYPICAL TRENCH DETAILS
E141440-12	IDOT CLASS B PATCH STANDARDS (1 OF 2)
E141440-13	IDOT CLASS B PATCH STANDARDS (2 OF 2)
E141440-14	IDOT CLASS C AND D PATCH STANDARDS
E141440-15	IDOT CURB AND GUTTER STANDARDS (1 OF 2)
E141440-16	IDOT CURB AND GUTTER STANDARDS (2 OF 2)
E141440-17	COOK COUNTY SIDEWALK DETAIL
E141440-18	ADA RAMP RESTORATION DETAIL - 159TH STREET (US-6) AND 80TH AVENUE (CO HWY W32)
E141440-19	IDOT SIDEWALK CURB RAMP STANDARDS (1 OF 2)
E141440-20	IDOT SIDEWALK CURB RAMP STANDARDS (2 OF 2)
E141440-21	COOK COUNTY SOIL EROSION CONTROL NOTES
E141440-22	IDOT DISTRICT DETAILS
E141440-23	IDOT DISTRICT DETAILS
E141440-24	IDOT DISTRICT DETAILS
E141440-25	IDOT DISTRICT DETAILS
E141440-26	IDOT DISTRICT DETAILS
E141440-27	COOK COUNTY DETECTABLE WARNINGS - SPECIAL PROVISION
E141440-28	TRAFFIC CONTROL PLAN
E141440-29	TRAFFIC CONTROL PLAN
E141440-30	159TH STREET WESTBOUND DETOUR PLAN
E141440-31	159TH STREET EASTBOUND DETOUR PLAN
E141440-32	IDOT MOT STANDARDS
E141440-33	IDOT MOT STANDARDS
E141440-34	IDOT MOT STANDARDS
E141440-35	IDOT MOT STANDARDS
E141440-36	IDOT MOT STANDARDS
E141440-37	IDOT MOT STANDARDS
E141440-38	IDOT MOT STANDARDS
E141440-39	IDOT MOT STANDARDS
E141440-40	IDOT MOT STANDARDS
E141440-41	IDOT MOT STANDARDS
E141440-42	IDOT MOT STANDARDS
E141440-43	IDOT MOT STANDARDS

RETIRE AND REPLACE VINTAGE/BARE STEEL MAIN AND PARTITION VALVE

REVISION 2

SEALED BY: 	SEALED ON: 08/07/2025	PREPARED FOR:
LICENSE EXPIRATION: 11/30/2025		PREPARED BY: 28100 TORCH PARKWAY, STE. 400 WARRENVILLE, IL 60555 TEL. 630-353-4000 FAX 630-353-7777 WWW.ENENGINEERING.COM
APPROVED FOR CONSTRUCTION		COUNTY: COOK TOWNSHIP: ORLAND TOWN: TINLEY PARK RANGE: 12E SECTION: 232 DATE: 02-20-23
WORK ORDER NO. 1212189/3212189 NOD/LD NO. MR1957 ONE PROJECT NO. 2220410.33 SCALE: NOT TO SCALE DATE IN SERVICE:		ENGINEER/DRAWN BY: E. TORRES CHECKED BY: E. CRUZ DATE: 02-20-23 CORROSION: A. GERVASIO DATE: 04-15-24 APPROVED BY: J. SCHULTZ DATE: 04-18-24 DRAWING FILE NO. SHEET 1 OF 43 E141440-
REV.	DESCRIPTION	BY: CHK'D BY: APP'D. BY: DATE: