



Village of Hinsdale
19 E. Chicago Avenue
Hinsdale, IL 60521-3489
(630)789-7000

Village Website: www.villageofhinsdale.org

PUBLIC SERVICES UTILITY PERMIT APPLICATION

Date of Application: 01.28.21 Permit No: NICOR-009 Permit Expiration Date: 07-31-21

Utility Company Information:

Company Name: NICOR GAS
Address: 257 COMMERCIAL DRIVE
City, State, Zip: YORKVILLE, IL 605
Contact Person: CATHY LABARBERA
Phone Number: 630 385.3148
Email Address: _____
Cell Number: _____
Project/Work Order Number: 150689

Contractor Information:

Company Name: PIPE STRONG
Address: 1901 N. ROSELLE, STE 826
City, State, Zip: SCHAUMBURG, IL 60195
Contact Person: MIKE BOYD
Phone Number: _____
Email Address: _____
Cell Number: 224 301.5977

PROJECT LOCATION: 5500 S. Grant Street

Description of work covered under this permit: _____

TO INSTALL APPROX - 181' - 4" PE, TO SERVE 55th STREET AND GRANT STREET

Start Date: TBD Completion Date: _____

Site Plan/Details/Specifications (3 sets) included with application? ☒ YES ☐ NO
Certificate of Insurance included with application? ☒ YES ☐ NO

Type of Utility: ☐ ComEd ☒ Nicor ☐ Comcast ☐ Water ☐ Sewer
☐ Communications: ☐ Fiber Optic ☐ Wireless ☐ Other: _____

Applicant Information:

Print Name: CATHY LABARBERA Phone Number: 630 385.3148

Company: NICOR GAS/SOUTHERNCO Email Address: CLABARB@SOUTHERNCO.COM

Signature: _____ Date: 01.28.21

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION IN EFFECT ON THE DATE OF PERMIT APPLICATION OF THE FOLLOWING: STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION & SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, AND THE VILLAGE OF HINSDALE SUBDIVISION ORDINANCE AND ENGINEERING STANDARDS.

Village Use Only

Permit Approved: YES NO

Conditions for Approval/Reasons for Denial: RESTORE ALL DISTURBED AREAS WITHIN 14 DAYS OF INSTALLATION. PROVIDE 48 HOUR NOTICE TO VILLAGE AND HIGH SCHOOL DIST. 86 PRIOR TO START

Approved By: A. Diaz Date: 02-10-21

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 6" 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 JULIE 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 LOCATION OF GAS FACILITIES AND SEWER MAINS/LATERALS SHALL BE MAINTAINED PER GCS 700 SECTION 10.
- CONTACT INFO:
NICOR GAS
NGUYEN, CALVIN (DESIGN ENGR.)
PHONE: (630) 388-3747
NICOR GAS
RAYMOND, ROB (CON-OPS SUPT.)
PHONE: (815) 261-9433

ENVIRONMENTAL NOTES:

- PCB WIFE 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 WIFE SAMPLE PROCEDURES TO THE SYSTEM OPERATIONS DEPARTMENT OR KEITH BODGER (630-514-7589) IN 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 WIFE 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 ASBESTOS COAL WRAP IS IDENTIFIED, REFER TO ASBESTOS COAL TAR WRAP REMOVAL GUIDELINES. REMOVAL MUST BE COMPLETED BY A TRAINED EMPLOYEE. FOR ANY QUESTIONS OF PROCEDURE OR TRAINED EMPLOYEES, CALL SCOTT MURPHY (630-392-7033) IN THE SAFETY DEPT.
- IF CONTAMINATED SOIL IS SUSPECTED, CALL KEITH BODGER (630-514-7589) IN 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 (JULIE PASCHAL AT 630-392-7013 OR ALICIA BISHOP 224-268-7283).
- 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 (JULIE PASCHAL AT 630-392-7013 OR ALICIA BISHOP 224-268-7283).
- IF A FRAC OUT OCCURS DURING DIRECTIONAL DRILLING, THE CONTRACTOR IS RESPONSIBLE FOR STOPPING THE BORE, CONTAINING THE FRAC OUT MATERIAL, AND IMMEDIATELY CONTACTING EA (JULIE PASCHAL AT 630-392-7013 OR ALICIA BISHOP 224-268-7283). AFTER CONTAINING THE MATERIAL AND CONTACTING EA, THE CONTRACTOR MUST REMOVE THE FRAC OUT MATERIAL.
- REFUEL AND STORE EQUIPMENT A MINIMUM OF 100 FEET FROM WETLANDS OR WATER BODIES.
- INSTALL SOIL AND EROSION CONTROL PROTECTION 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, WATER BODIES, 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.

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		

NICOR GAS - CONSTRUCTION

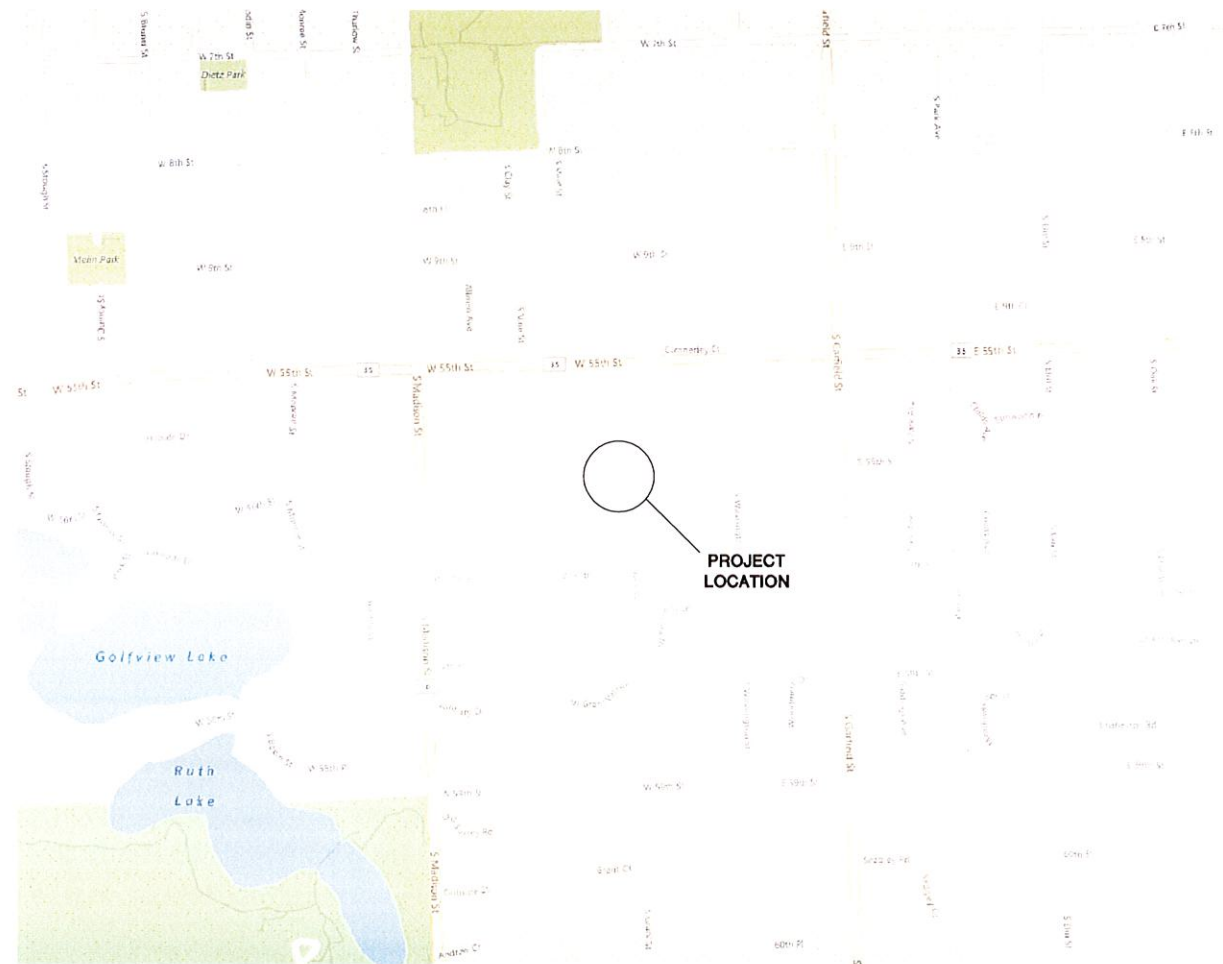
NEW BUSINESS FOR NBA1846049

55TH ST AND S GRANT ST

HINSDALE, IL

W.O.# 150689/350689 (SERVICE)

W.O.# 150688/350688 (METER)



LOCATION MAP
HINSDALE, IL



DRAWING - SHEET	DESCRIPTION
WC21131A - 1	COVER PAGE
WC21131A - 2	SITE PLAN
WC21131A - 3	DRAWING PAGE - S GRANT ST
WC21131A - 4	METERSET DRAWING
WC21131A - 5	IDOT TRAFFIC MAINTENANCE STANDARDS

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

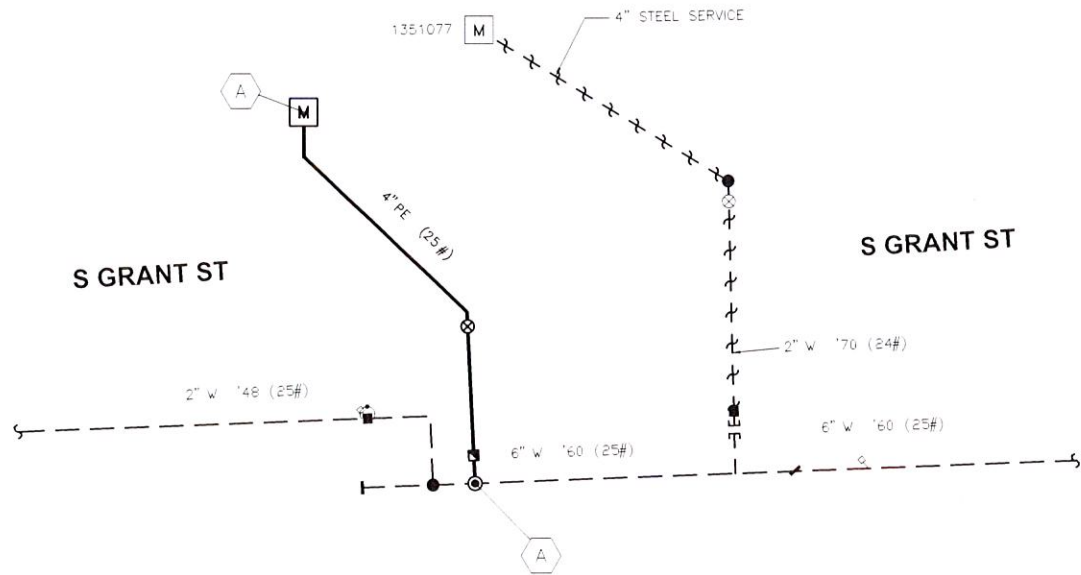
*TYPICALLY COMPLETED BY UTILITY INSPECTOR

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. NICOR GAS UNDERSTANDS THAT FIELD PERSONNEL MAY DECIDE TO MOVE "CUT AND CAP" LOCATIONS, DELETE "CUT AND CAPS", OR CONDUCT ADDITIONAL "CUT AND CAPS". 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.

SERVICE REPLACEMENT FOR NEW BUSINESS

SEALED BY:	SEALED ON:	PREPARED BY:
		APPROVED By JERJAMES at 4:08 pm, Jan 13, 2021
SIGNATURE:	LICENSE EXPIRATION:	
APPROVED FOR CONSTRUCTION		COUNTY: DUFAGE TOWN: HINSDALE REGION: CENTRAL DEPARTMENT: CONSTRUCTION ENGINEER/DESIGNER: C. NGUYEN DATE: 05/06/2020
		1/4 SECTION: 131 DOWNERS: GROVE RANGE: R11E 3PM DATE: 05/26/2020
		WORK ORDER NO: 150689/350689 NICOR JOB NO: NBA1846049 NODE/LD NO: CHECKED BY: J. GRECO DATE: 06/01/2020
		CORROSION: D. SMITH APPROVED BY: [Signature] DATE: 1/13/2021
REV.	DESCRIPTION	BY: CHK'D BY: APP'D BY: DATE
		DATE IN SERVICE: DRAWING FILE NO: WC21131A - SHEET 1 of 5

SYMBOL LEGEND	
	PURGE END (GCS 209/709)
	ANODE (GCS 513/514)
	LATERAL TEE/HIGH VOLUME TEE (GCS 210 21-33, 720, 720)
	PRESSURE CNTL. FTG. (GCS 210.38/39)
	TRANSITION FITTING (GCS 703)
	VALVE - GENERAL
	REDUCER (GMS 308 & 336)
	INS. COUPLING (ECT)
	TIN WHISTLE (GMS 6392, 2, 4)
	DUAL 5' X 5' VAULT
	CUT AND CAP (GCS 849)
	RETIRE MAIN (GCS 849)
	EXCAVATE AREA (GCS 870)
	TREE
	INSULATOR FLANGE
	ELECTRICAL TEST STATION
	REGULATOR STATION
	BORE PIT/TAP HOLE & SPOIL PILE W/SILT FENCE
	SITE LOCATION
	COUPLING
	METER SET



N
SITE PLAN
(NTS)

TEST SECTION			DESCRIPTION				LEAK TEST PER GCS 887				STRENGTH TEST PER GCS 888						WELD INSPECTION PER GCS 851			FIELD RECORD PER GCS 860		
SECTION	MOP	TYPE	TOTAL LENGTH	DIA	MAT'L	PAGE	TEST PRESSURE (PSI)	PRIOR TO STRENGTH	COMB W/ STRENGTH	MIN HOURS	TEST PRESSURE (PSI)	% SMYS AT TEST	TEST MEDIUM		ALLOWABLE ΔP (PSI) (>60% STS)	MIN HOURS	VISUAL	RADIOGRAPHIC (%)	OTHERS	SECTION	DIA	PIPE IDENTIFICATION "DATA CODE"—STEEL MAIN ONLY
							PIPE	FITTINGS	AIR/N2	WATER** (GALLONS)												
(A)	60	1	138'	4"	PE	3	90	—	—	1	—	—	—	—	—	—	X	—	<input type="checkbox"/>	(A)	4"	

APPROVED FOR CONSTRUCTION

REV.

DESCRIPTION

BY

CHK'D BY

APP'D BY

DATE

PREPARED BY

COUNTY

DUPAGE

TOWN

HINSDALE

REGION

CENTRAL

DEPARTMENT

CONSTRUCTION

WORK ORDER NO.

150689/350689

NICOR JOB NO.

NBA1846049

SCALE

N.T.S.

DATE IN SERVICE

TOWNSHIP

DOWNERS GROVE

TIER

R11E 3PM

ENGINEER/DESIGNER

C. NGUYEN

CHECKED BY

J. GRECO

CORROSION

D. SMITH

APPROVED BY

DRAWING FILE NO.

WC21131A

SHEET

2 OF 5

1/4 SECTION

131

DATE

05/06/2020

DATE

05/26/2020

DATE

06/01/2020

DATE

06/02/2020

DATE

11/13/2021

[illegible]

DETAIL "B"
RELIEF ASSEMBLY
SECTION A-A
SCALE: 1" = 0'-8"

DETAIL "C"
SECTION B-B
SCALE: 1" = 0'-4"

DETAIL "A"

SCALE: 1" = 0'-4"

TO METER BYPASS

TO REGULATOR BYPASS

7, 11, 8, 27

NOTES	
A	NICOR GAS SERVICE ENDS WITH 4" - ANSI 300 WELD NECK FLANGE.
B	CUSTOMER'S FUEL LINE TO START WITH 6" - ANSI 150 WELD NECK FLANGE. SEE GCS 602 FOR CHECK VALVE APPLICATION.
C	10'-0" x 11'-0" x 6" THICK REINFORCED CONCRETE PAD.
D	VENTING - IF INSIDE METER SET:
	1. INSTALL SEPARATE VENT LINE FOR EACH REGULATOR EXTENDED OUTDOORS WITH A VENT CAP.
	2. INSTALL SEPARATE LINE FOR RELIEF EXHAUST EXTENDED OUTDOORS WITH A VENT CAP.
	3. DO NOT MANIFOLD THE REGULATOR VENT LINE & EXHAUST LINE.
	4. VENT TO SAFE LOCATION (SEE GCS 400 & 401, SEC.8). IF VENT EXCEEDS 10' - SEE APPENDIX 1.
E	PRESSURE METERING: CONTACT THE MEASUREMENT DEPARTMENT FOR INSTRUMENTATION REQUIREMENTS.
F	SERVICE RISER TO INCLUDE LARGE TAP FOR TEMPORARY INLET BYPASS CONNECTIONS.

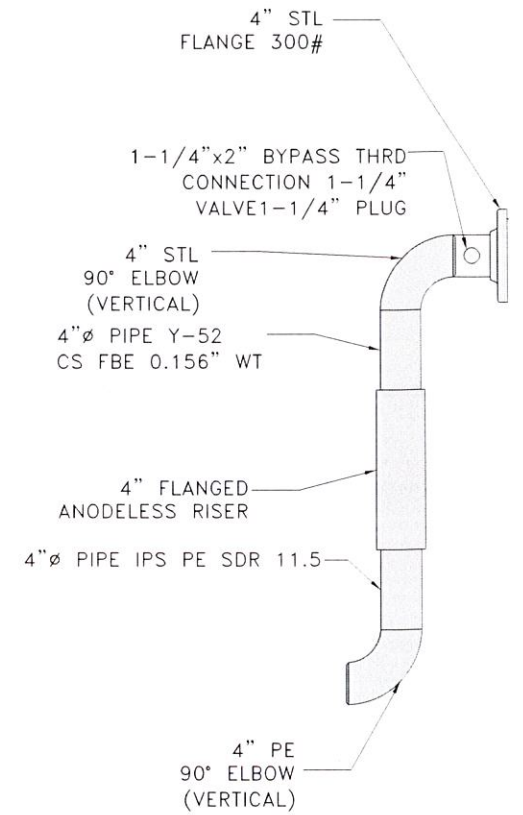
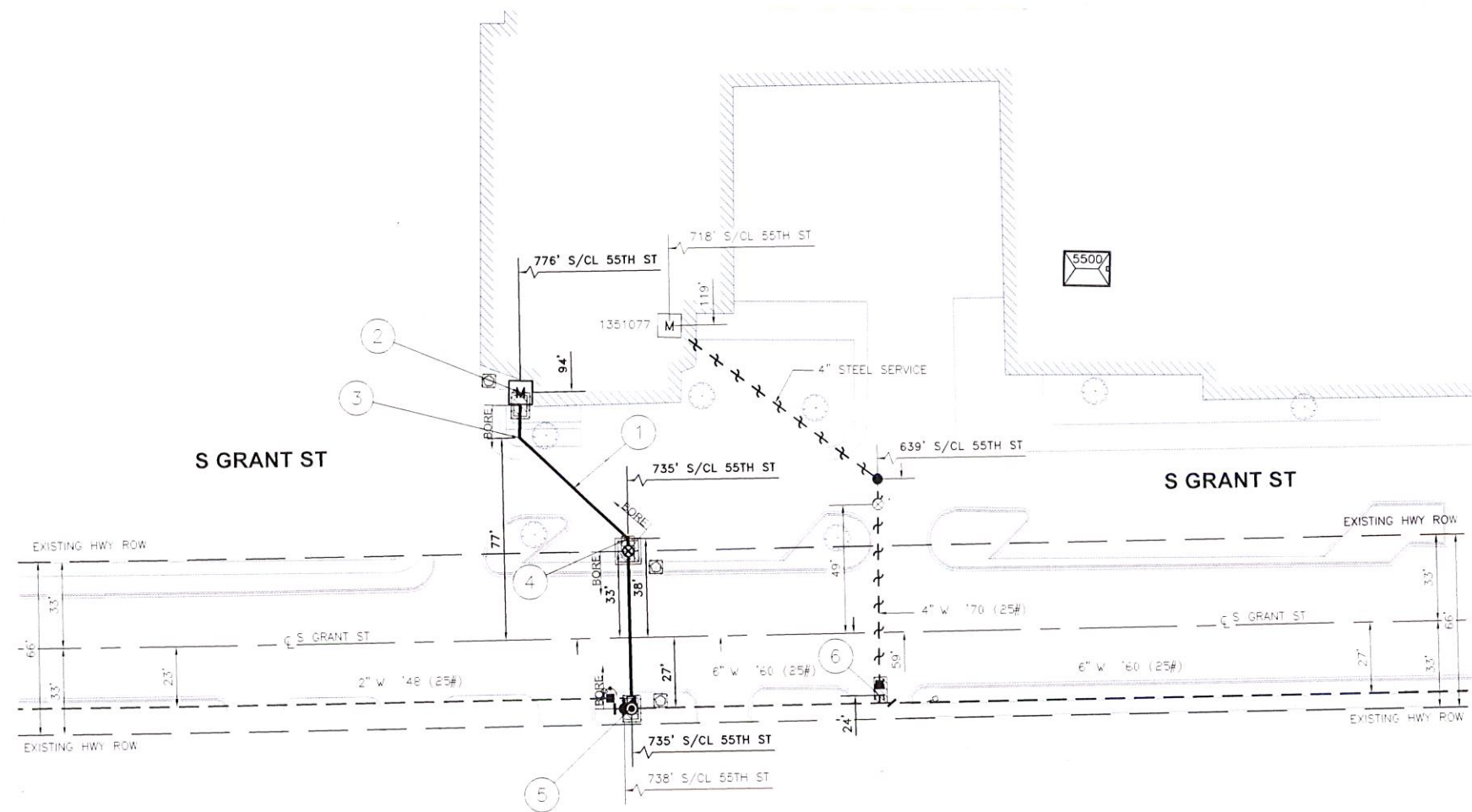
BILL OF MATERIALS						
NO.	QUANTITY	STORES ITEM NO.	SIZE	ITEM DESCRIPTION	RATING	GMS
1	1	559450.N	4"	FLANGE LAP JOINT ANSI 300 FORGED STEEL	740	435
2	1	558237.N	4" x 6"	STUB END LAP JOINT WELD-END Y-52 STEEL 0.237" WT	2738	334
3	1	P.O.	4" x 6"	PIPE X-52 STEEL BARE 0.237" WT	2738	120B
4	1	620321.N	1"	SERVICE TEE WELDED MUELLER H-17656	1440	
5	8	558004.N	3/4" x 4"	NIPPLE PIPE THREADED ONE END MNPT SCH. 80 EX-HVY STEEL	510	316.5
6	9	568297.N	3/4"	METER VALVE THREADED FNPT WKM DYNASEAL 310	3000	
7	1	554253.N	3/4"	PLUG PIPE THREADED MNPT STEEL SOLID SQUARE HEAD B.F. CLASS 3000	2953	
8	1	558551.N	4" x 4" x 4"	TEE 3-WAY WELD-END Y-52 STEEL 0.237" x 0.237" x 0.237" WT	2738	335
9	5	558555.N	6" x 6" x 4"	TEE 3-WAY WELD-END Y-52 STEEL 0.280" x 0.280" x 0.237" WT	2197	335
10	1	558554.N	6" x 6" x 6"	TEE 3-WAY WELD-END Y-52 STEEL 0.280" x 0.280" x 0.280" WT	2197	335
11	1	558552.N	4" x 4" x 2"	TEE 3-WAY WELD-END Y-52 STEEL 0.237" x 0.237" x 0.154" WT	2738	335
12	1	P.O.	4" x 2-5/8"	PIPE X-52 STEEL BARE 0.237" WT	2738	120B
13	2	558218.N	2" x 6"	PIPE X-52 STEEL BARE 0.237" WT	2738	120B
14	2	568348.N	2"	NIPPLE PIPE THREADED ONE END MNPT SCH. 80 EX-HVY STEEL (12" LONG, CUT TO 6")	780	316.5
15	2	554223.N	2"	BALL VALVE THREADED FNPT BALLOMAX REGULAR PORT W/ 2" OPERATING NUT	500	
16	3	568351.N	4"	PLUG PIPE THREADED MNPT M.I. SOLID SQUARE HEAD	300	
17	3	558032.N	6"	BALL VALVE WELD-END ANSI 150 BALLOMAX REGULAR PORT WITH 2" NUT	285	
18	2	568352.N	6"	CAP PIPE WELD-END Y-52 STEEL 0.280" WT	2197	333
19	1	P.O.	6" x 18"	BALL VALVE WELD-END ANSI 150 BALLOMAX REGULAR PORT WITH 2" NUT	285	
20	3	558071.N	6"	PIPE X-52 STEEL BARE 0.280" WT	2197	120B
21	1	568235.N	6"	ELBOW PIPE 90 DEGREE WELD-END Y-52 STEEL 0.280" WT	2197	330
22	1	568235.N	6"	T-STRAINER WELD-END ANSI 300 KEROTEST TST-630 W/ 40 MESH STEEL BASKET	740	
38M METER CONNECTION ITEMS						
23	1	P.O.	6" x 22"	PIPE X-52 STEEL BARE 0.280" WT	2197	120B
24	1	P.O.	6" x 9"	PIPE X-52 STEEL BARE 0.280" WT	2197	120B
25	1	METER SHOP	38M175	38M LINE MOUNT METER W/IMC INSTRUMENT DEVICE	175	
26	2	559222.N	6"	FLANGE RAISED FACE WELD NECK ANSI 150 FORGED STEEL	285	421
27	2	608404.N	6"	GASKET FULL FACE ANSI 150 1/16" THICK GARLOCK BLUE-GARD 3000	285	681.1
28	16	P.O.	3/4" x 10 x 2-1/2"	CAP SCREWS HEX HEAD GRADE 5 ZINC PLATED	N/A	
56M METER CONNECTION ITEMS						
29	1	P.O.	6" x 22"	PIPE X-52 STEEL BARE 0.280" WT	2197	120B
30	1	P.O.	6" x 6"	PIPE X-52 STEEL BARE 0.280" WT	2197	120B
31	1	METER SHOP	56M175	56M LINE MOUNT METER W/IMC INSTRUMENT DEVICE	175	
32	2	559093.N	8" x 6"	FLANGE REDUCING FLAT FACE WELD NECK ANSI 150 FORGED STEEL	285	
33	2	608405.N	8"	GASKET FULL FACE ANSI 150 1/16" THICK GARLOCK BLUE-GARD 3000	285	681.1
34	16	P.O.	3/4" x 10 x 2-1/2"	CAP SCREWS HEX HEAD GRADE 5 ZINC PLATED	N/A	
35	1	558080.N	6" x 4"	ELBOW PIPE REDUCING 90 DEGREE WELD-END Y-52 STEEL 0.280" x 0.237" WT	2197	337
36	1	553715.N	3/4" x 3"	NIPPLE PIPE THREADED BOTH ENDS MNPT SCH. 40 STEEL	420	316.1
37	1	P.O.	3/4"	ELBOWLET STEEL B.F. CLASS 3000	2953	
38	2	558065.N	4"	ELBOW PIPE 90 DEGREE WELD-END Y-52 STEEL 0.237" WT	2738	330
39	3	P.O.	4" x 6"	PIPE X-52 STEEL BARE 0.237" WT	2738	120B
40	6	559214.N	4"	FLANGE RAISED FACE WELD NECK ANSI 300 FORGED STEEL	740	431
41	6	608427.N	4"	GASKET RING ANSI 300 1/16" THICK GARLOCK BLUE-GARD 3000	740	681.2
42	48	538170.N	3/4" x 4-1/2"	STUD BOLT WITH HEX NUTS FULL THREAD STEEL	N/A	651A
43	1	559222.N	6"	FLANGE RAISED FACE WELD NECK ANSI 150 FORGED STEEL	285	421
44						

PAINT CURB VALVE BOX RED

- PROPOSED PIPE AND FITTINGS TO BE DESIGNED,TESTED, AND RATED FOR 230 PSIG PER NICOR GAS ENGINEERING DEPARTMENT.
- SYSTEM OPERATIONS TO VERIFY REGULATOR & RELIEF SET POINTS PRIOR TO METER SET INSTALLATION.
- REFERENCE GCS 957.1 & 957.2 FOR METER SET DAMAGE PREVENTION & PROTECTION.
- DOWNSTREAM DELIVERY PRESSURE NOT TO EXCEED THE LOWEST RATED ITEM ON THE METERSSET.
- REFERENCE GCS 502 FOR PAINT SPECIFICATIONS.

DESIGN CRITERIA (MAX DAY)	
RISER PRESSURE MIN.	14 PSIG
SYSTEM OPER. PRESSURE	25 PSIG
SYSTEM M.O.P.	25 PSIG
DELIVERY PRESSURE	2 PSIG
LOAD	69.332 MCFH

METERSET DRAWING VERSION						APPROVED FOR CONSTRUCTION						COUNTY DUPAGE		TOWNSHIP DOWNERS GROVE		1/4 SECTION 131	
												TOWN HINSDALE		TIER T38N		RANGE R11E 3PM	
												REGION CENTRAL		DEPARTMENT CONSTRUCTION		ENGINEER/DESIGNER C. NGUYEN	
												WORK ORDER NO. 150666/150668		DRAWN BY ENGINEERING		DATE 07/01/2016	
												PROJECT NO. NBA1646049		NODE/LD NO.		CHECKED BY T. CABEZAS	
																CORROSION	
																DATE	
2 Y=52						JN MJ GMS 3/15/16										SCALE 1" = 1'-3"	
																APPROVED BY G. STIGLIC	
																DATE 07/01/2016	
VER. DESCRIPTION BY CHK'D BY APP'D BY DATE REV.						DESCRIPTION BY CHK'D BY APP'D BY DATE						DATE IN SERVICE		DRAWING FILE NO. V-134		SHEET 4 OF 5	



1 INSTALL
(138') 4" PE PIPE IPS PE SDR 11.5
(TEST SECTION 'A')

2 INSTALL
(1) 38M METERSET
SEE PAGE 4 FOR DETAIL
(1) 4" 90° ELL IPS PE SDR 11.5 (VERTICAL)
(1) 4" ANODELESS RISER W/ANSI 300 FLANGE (SEE GMS 940.8 FOR COMPLETE LIST OF MATERIAL)
(1) GCS 262.4* (FLANGED ASSEMBLY)
*INCL: (1) 4" GASKET ANSI 300# FLG 1/16" THK
(1) BOLT STUD STL 3/4" x 4-1/2" LG B7
W/ (2) 2H HEX NUTS FULL THRD

3 INSTALL
(1) 4" 45° ELL IPS PE SDR 11.5

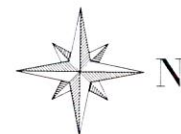
4 INSTALL
(1) 4" 45° ELL IPS PE SDR 11.5
(1) GCS 725.04* (4" PE VALVE INSTALLATION BF)
*INCL: (1) 4" POLY VALVE IPS PE BF W/PUP 15 LONG
(1) 6" EXTENSION VALVE BOX
(1) BLOCK WOOD 2"x10"x12"
(1) COPPER WIRE #12 GAUGE HARD DRAWN HMWPE
2500' SPOOLS YELLOW TRACING WIRE, 12 AWG SOLID
(AS REQUIRED)

BREAK & TEMP REPLACE
(1) 5'x10' ASPHALT PAVEMENT

5 INSTALL
(1) GCS 210.38* (6" PCF TAP INTO PIPE STL HDR/LAT)
*INCL: (1) 6"x6"x4" TEE RED CS W 0.280"x0.280"x0.237" WT Y-52
(1) 6" CAP CS W 0.280" WT Y-52
(1) 4"x4" FITTING TRANS STL PE SDR 11.5 W/GCS 702
(ANTI SHEAR SLEEVE PE PIPE)
(1) GCS 714.33 (ETC WIRE CONNECTION [W/ DETACHABLE ANODE WIRE] FOR STL
TO PE SYSTEMS)
*INCL: (1) BOX TERMINAL 18" LG 4" OD
(1) 32# ANODE INSTALLED ON EXISTING PIPE SEE SPEC FOR
COMPLETE LIST OF REQUIRED MATERIALS

6 CUT & CAP
(1) 4" CAP W CS 0.237" WT Y-52
(SEAL RETIRED MAIN PER GCS 849)
(CONDUCT WIPE TEST PER GCS 849.2)

BREAK & TEMP REPLACE
(1) 5'x10' ASPHALT PAVEMENT



- CONSTRUCTION NOTE:
1. LOCATION OF EXISTING UTILITIES ARE APPROXIMATE.
 2. LOCATIONS OF BORE PITS AND STOCKPILES ARE APPROXIMATE.
 3. FIELD CONFIRM ALL SERVICE TRANSFERS PRIOR TO RETIRING ANY EXISTING MAIN.
 4. GAS MAIN LOCATION TO BE VERIFIED IN THE FIELD.

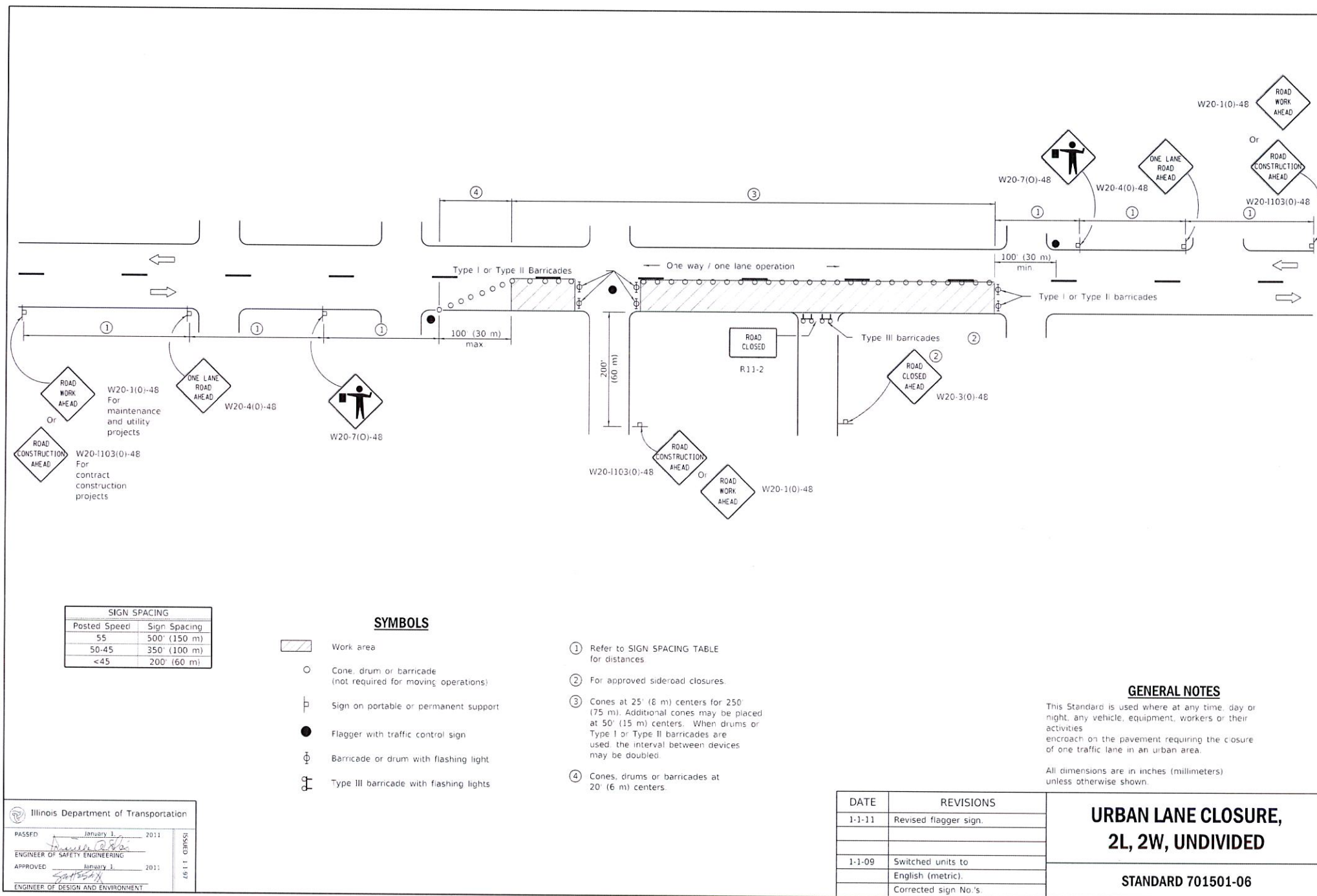
WORK ORDER QUANTITIES THIS SHEET		
PIPE RETIREMENT THIS SHEET	ESTIMATED	ACTUAL
4" PE IPS SDR 11.5	138'	
PIPE RETIREMENT THIS SHEET	ESTIMATED	ACTUAL
4" STEEL SERVICE	96'	
4" STEEL (1970)	77'	
TRENCH BACKFILL THIS SHEET		
TOTAL ASPHALT & CONCRETE BREAKS	100 SF	
SERVICE TRANSFERS THIS SHEET		
	1	

APPROVED FOR
CONSTRUCTION

PREPARED BY		Nikor Gas	
COUNTY: DUFAGE	TOWNSHIP: DOWNERS GROVE	1/4 SECTION: 131	
TOWN: HINSDALE	TIER: T38N	RANGE: R11E	3PM
REGION: CENTRAL	DEPARTMENT: CONSTRUCTION	ENGINEER/DRAWN BY: C. NGUYEN	DATE: 05/06/2020
WORK ORDER NO: 150689/350689	DRAWN BY: C. NGUYEN	DATE: 05/26/2020	
NICOR JOB NO: NBA1846049	CHECKED BY: J. GRECO	DATE: 06/01/2020	
	CORROSION: D. SMITH	DATE: 06/02/2020	
	APPROVED BY: [Signature]	DATE: 11/3/2021	
SCALE: 1:30	DATE IN SERVICE:	DRAWING FILE NO: WC21131A	SHEET 3 of 5

REV.	DESCRIPTION	BY	CHK'D BY	APP'D BY	DATE
------	-------------	----	----------	----------	------


I.D.O.T. TRAFFIC MAINTENANCE STANDARDS



DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric). Corrected sign No.'s.

**URBAN LANE CLOSURE,
2L, 2W, UNDIVIDED**

STANDARD 701501-06

<h1 style="text-align: center;">APPROVED FOR CONSTRUCTION</h1>				COUNTY DUPAGE		TOWNSHIP DOWNERS GROVE		1/4 SECTION	
				TOWN: HINSDALE		R11E 3PM		"31"	
		REGION CENTRAL		DEPARTMENT CONSTRUCTION		ENGINEER/DESIGNER C. NGUYEN		DATE 05/06/2020	
		WORK ORDER NO 150689/350689				DRAWN BY C. NGUYEN		DATE 05/26/2020	
		NICOR JOB NO NBA1846049		NODE/LD NO		CHECKED BY J. GRECO		DATE 06/01/2020	
						CORROSION D. SMITH		DATE 06/02/2020	
						SCALE N.T.S.		APPROVED BY  DATE 05/13/2021	
REV.		DESCRIPTION		BY CHK'D BY APP'D BY DATE		DATE IN SERVICE		DRAWING FILE NO WC21131A - SHEET 5 OF 5	