**Permit Type: Highway Permit** 

**Expiration Date:** 

10/10/19

# **Division of Transportation**

## County of DuPage, Illinois

Permission is hereby given per the DuPage County Highway Rights-of-Way Permit and Fee Ordinance ODT-0001A-06, to perform work per the approved drawings, contract specifications and attachments to this Permit, as noted herein:

**Permit Purpose:** 

SERVICE CONNECTION; PLACE (4) HANDHOLES, 1000LF OF CONDUIT UNDERGROUND BY

DIRECTIONAL BORE AND OPEN TRENCH DAILY LANE CLOSURES, GRADING AND

RESTORATION. (REMOVAL OF ROADWAY PAVEMENT, SIDEWALK OR CURB AND GUTTER IS

STRICTLY PROHIBITED WITHOUT PRIOR APPROVAL.)

County HWY # and Route: 14 Eola Road

Location: DIEHL RD.

For County Engineer

Utility WO #: 1826-001

Applicant Name: AURORA CITY OF

MIKE BAKER **Contact Person:** 

Contractor: UTILITY DYNAMICS CORP

## **IMPORTANT**

This Permit is effective only insofar as the DuPage County Division of Transportation has jurisdiction and does not release the Permittee from complying with existing Local, County, Township, State, and/or Federal Statutes.

Failure to comply with any of the conditions of the Application, Permit, and/or the attachments made thereto shall cause said Permit, under the direction of the County Engineer, or the duly authorized assign, to become NULL and VOID and may result in the FOREITURE of the Highway Bond Posted.

10/10/18

**Date Issued** 

W180368

For all Inspections call 630/407-6900, (Mon - Fri 8 am - 4:30 pm., excluding holidays). All Inspections require minimum 48 hours Notice (Excluding weekends & holidays).



#### **DIVISION OF TRANSPORTATION**

(630) 407-6900 FACSIMILE (630) 407-6901

Permit Number: W180368

Page 1 of 3

DANIEL J. CRONIN

COUNTY BOARD CHAIRMAN

#### ATTACHMENTS TO PERMIT

- 1. Equipment and materials shall <u>NOT</u> be stored within the County's rights-of-way.
- 2. Existing sidewalk, curb/gutter and pavement disturbed or damaged due to the permitted work shall be replaced in kind as directed by the County Engineer, the duly authorized assign.
- 3. Pavement, curb/gutter and storm structures shall be maintained free of mud/debris at all times.
- 4. The Permittee, it's agent, successor, assign, and/or contractor shall furnish all material, labor, and pay all costs required to restore said County rights-of-way to a condition similar or equal to the conditions that existed before the commencement of the described work. It shall be the responsibility of the Permittee to properly grade, install a min. of 6" topsoil and seed (with erosion control blanket or hydro seeding) or sod (salt tolerant and staked in place) any portions of the rights-of-way disturbed during the described work.
- 5. Construction and erosion control measures shall comply with the minimum requirements of the "DuPage County Stormwater and Floodplain Ordinance" and any supplemental specifications made thereto.
- 6. The permitted improvements shall be located and constructed per the DuPage County standards and to the satisfaction of DuPage County Division of Transportation. The material used and method of construction shall comply with and conform to IDOT's "Standard Specifications for Road and Bridge Construction" (latest edition) and "Supplemental Specifications and Recurring Special Provisions" (latest edition).
- 7. The Permittee, it's agent, successor, assign, and/or contractor agrees to provide traffic control with advance warning signs, an arrow board and barricades conforming to the FHWA's "Manual on Uniform Traffic Control Devices" and IDOT's Highway Standards, "Standard Specifications for Road and Bridge Construction" (latest edition) and "Supplemental Specifications and Recurring Special Provisions" (latest edition) or as specified. The Permittee, it's agent, successor, assign, and/or contractor agrees to provide controlled flow of traffic at all times by approved detour or flag persons (with applicable warning signage) to minimize the inconvenience to traffic. Daily lane closures of County roadways are permitted Monday through Friday between 9:00 a.m. and 4:00 p.m. ONLY.
- 8. The Permittee, it's agent, successor, assign, and/or contractor assumes all risk and liability and agrees to defend, indemnify, and hold harmless the County of DuPage, its successors, assigns or employees, for any injury incurred to persons and/or damage to property in conjunction with and/or due to the permitted work/event.
- 9. The Permittee, it's agent, successor, assign, and/or contractor shall not trim, remove, or in any way disturb trees or shrubs along and/or within the highway or trail system rights-of-way without prior written approval by or from the DuPage County Division of Transportation.
- 10. The Permittee, it's agent, successor, assign, and/or contractor shall properly maintain all existing regulatory, warning and/or informational traffic control signage and/or devices along or within the DuPage County rights-of-way within the limits of the work covered under the permit and for the duration of said event permitted work/event. The DuPage County Division of Transportation shall be notified prior to construction and/or potential conflicts with existing signage due to the permitted construction. The Permittee, it's agent, successor, assign, and/or contractor furthermore shall reimburse the DuPage County Highway Maintenance Dept. for any relocation and/or replacement of, due to conflicts with and/or damage to, said signage, posts and/or equipment.
- 11. DuPage County reserves the right to make changes, additions and/or repairs to and relocations of, within its statutory limits, the facilities and/or their appurtenances constructed under this permit within the County rights-of-way as may at any time be considered necessary to permit the relocation, reconstruction, widening and/or maintaining of the highway, trail and/or path and/or to provide proper protection to life and property on or adjacent to the County rights-of-way. However, in the event this permit is granted to construct, locate, operate and/or maintain facilities on and/or within the County rights-of-way, the Permittee, it's agent, successor, assign, and/or contractor upon written notification from the County Engineer to the Permittee, shall perform such alterations or change of location of the facilities, solely at the permittee's cost as far as statutory authority dictates, without expense to DuPage County. Should the Permittee fail to make satisfactory arrangements to comply with said request within a reasonable time, DuPage County reserves the right to make such alterations to, change of location of and/or remove the facilities, and the Permittee, furthermore, shall pay for any costs incurred by DuPage County for said work.
- 12. The Permittee, it's agent, successor, assign, and/or contractor shall notify the DuPage County Division of Transportation a minimum of 48 hours prior to the start of construction, to arrange for any inspections and at the completion of the described work according to County procedures and/or policy.
- 13. The Permittee, it's agent, successor, assign and/or contractor shall contact J.U.L.I.E. (800)892-0123 for utility locations including storm sewer, traffic signals, conduit and related equipment, a minimum of 48 hours prior to the start of construction.
- 14. The Permittee, it's agent, successor, assign, and/or contractor agrees to reimburse the County for any costs incurred by DuPage County for any repair, relocation and/or adjustment to the traffic signals or related equipment that is in conflict with or is damaged due to the permitted work. All construction shall be coordinated with the County's Signal Coordinator. Contact the Division of Transportation with any questions pertaining to traffic signal related equipment at (630) 407-6900 a minimum of 48 hours prior to the start of construction to coordinate inspections.
- 15. The Permittee, it's agent, successor, assign, and/or contractor is required to contact the local agencies (including, but not limited to, municipal fire and police departments and the DuPage County Sheriff's Department) notifying them of all roadway construction or special event and traffic restrictions and/or temporary detours a minimum of 72 hours prior to the start of said construction/event.

Permit Number: W180368 rage 2 01 3

#### ATTACHMENTS TO PERMIT

Trench backfill for any excavation(s) shall be installed within the County rights-of-way per the attached County standard.

Open cutting of the roadway pavement is <u>NOT</u> permitted without the express written permission of the County Engineer or the duly authorized assign.

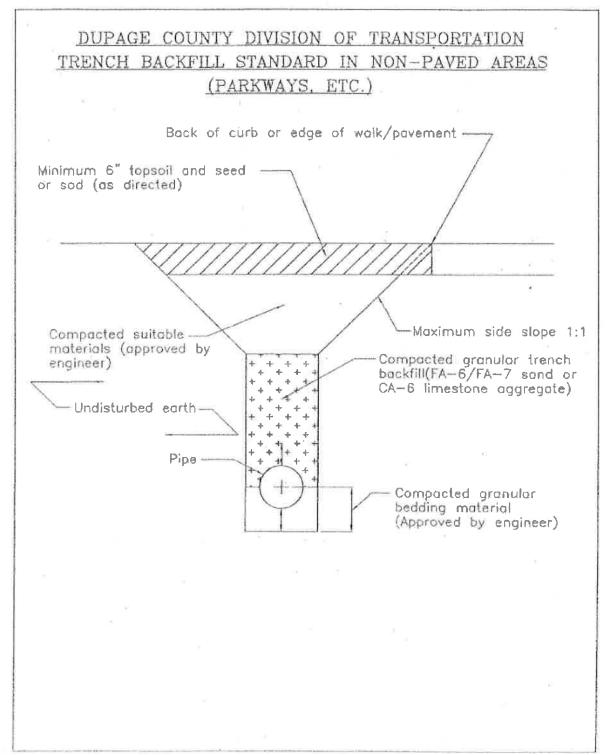
LANE CLOSURES ARE <u>NOT</u> PERMITTED ON COUNTY ROADWAYS DURING SNOWFALL OR WITHIN 2 HOURS PRIOR TO PREDICTED SNOWFALL OR PRECIPITATION CONDITIONS BETWEEN NOVEMBER 15 AND APRIL 15 FOR MAINTENANCE OF THE ROADWAY PAVEMENT BY COUNTY HIGHWAY MAINTENANCE DEPARTMENT STAFF AND EQUIPMENT.

The Permittee, it's agent, successor, assign, and/or contractor agrees to assume sole responsibility for the maintenance of and liability for the permitted installation/construction.

The Permittee, it's agent, successor, assign, and/or contractor agrees to adjust, modify, relocate or remove the permitted items within sixty- (60) days of receipt of written notification as directed by the County to the Permittee.

\*This permit is perpetual and thus the conditions stated herein and attached to the permit are without expiration, regardless of release of the bond posted and/or permit and/or acceptance of the construction/installation as permitted.

ROADWAY PAVEMENT, CURB/GUTTER, SIDEWALK/PATH AND/OR STORM STRUCTURES SHALL BE MAINTAINED FREE OF MUD/DEBRIS AT ALL TIMES DURING THE PERMITTED WORK.



## **CITY OF AURORA**

## **OUTSIDE PLANT FIBER OPTIC BUILD**

W DIEHL RD & N EOLA RD (CO RD 14) AURORA, IL 60502

> SEC 5 & 8, T38N-R9E AURORA, DUPAGE COUNTY, ILLINOIS



2649 GARDNER RD BROADVIEW, IL 60155 OFFICE 630.572,9999 • FAX 630.572,9998

**CONTACT INFORMATION:** 

OWNER:

ENGINEER:

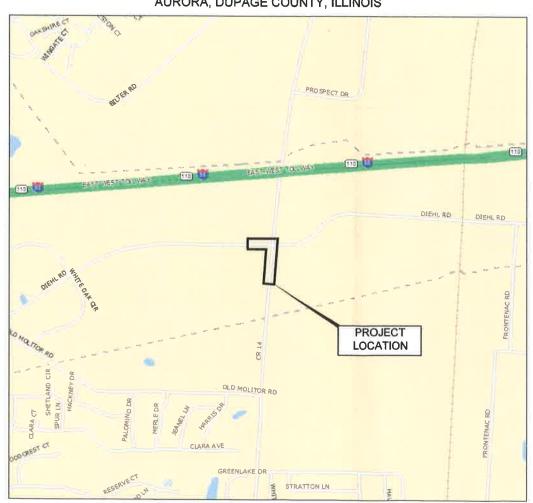
**CITY OF AURORA** 

44 E DOWNER PLACE AURORA, IL 60507 OFFICE 630.256.3200 • FAX 630.256.3229

CONTRACTOR:



1350 W WASHINGTON ST WEST CHICAGO, IL 60185



## **LOCATION MAP** SCALE: NOT TO SCALE





PROJECT NO: 1826-001

### PROJECT DESCRIPTION:

INSTALLATION OF (6)-2" SCHEDULE 40 PVC AND CONDUIT OR (6)-2" SDR-11 HDPE CONDUIT @ A MINIMUM DEPTH DETERMINED IN THE FIELD BY TRENCH / OPEN CUT OR DIRECTIONAL BORE;

CONSTRUCTION STARTS AT EXISTING MANHOLE AT 3.4' SSL (DIEHL) & 731.2' WWL (EOLA), CONTINUES EAST APPOX. 705', THEN SOUTH APPROX. 520', THEN EAST APPROX. 93', THEN NORTH APPROX. 489' AND PLACE HANDHOLE AT 68.7" SSL (DIEHL) & 2.2" NWSEL (EOLA).

#### DRAWING INDEX

SHEET	TITLE
1	COVER
2	LEGEND
3	NOTES AND ABBREVIATIONS
4	TYPICALS
5	BILL OF MATERIALS
6	SITE PLAN
7-9	OSP PLAN(S)



JULIE 1-800-892-0123

REQUIRES 48 HRS. NOTICE BEFORE YOU EXCAVATE



DRAWING SCALE:

AP 1806/96

9 M 20 AS NOTED



BROADVIEW, IL 60155 OFFICE 630,572,9999

## **CITY OF AURORA**

44 E DOWNER PLACE OFFICE: 630,256,3200 FAX: 630,256,3229

CONTRACTOR



1350 W WASHINGTON ST WEST CHICAGO, IL 60185 OFFICE: 630.851,7751

**OUTSIDE PLANT FIBER** OPTIC BUILD

W DIEHL RD & N EOLA RD (CO RD 14) AURORA, IL 60502

1826-001 NUMBER: JCS 04/23/18 4 08/09/18 REVISED PER CLIENT 3 08/03/18 ADDED DIMENSIONS CALLOUT REVISION ROUTE REVISION PERMIT DESCRIPTION

SHEET NUMBER



### **LEGEND**

UTILITIES:		COMMUNICATIONS:			
UTILITY MARKER	♡	ATT MANHOLE/HANDHOLE		ATT	ATT
STORM INLET		COMCAST MANHOLE/HANDI	101 E	DMCT	DMCT
CULVERT	>	COMMUNICATION MH/HH	TOLE	COM	
CATV MANHOLE	®	FOC HANDHOLE		COM	COM
STORM MANHOLE	8	KDL MANHOLE/HANDHOLE		[FD]	
SANITARY MANHOLE	© §§	LEVEL 3 MANHOLE/HANDHO	4.5	KDL	KDL
CATCH BASIN		LIGHTOWER MANHOLE/HAN		L3 LTR	LTR
GAS MANHOLE	©	MCI MANHOLE/HANDHOLE	DHOLE	MCI	MCI
GAS VALVE	[0]	NEXTEL MANHOLE/HANDHO	1 =	NXT	NXT
WATER MANHOLE	W	NEXTLINK MANHOLE/HANDI		NXL	NXL
WATER VALVE	DWI	RCN MANHOLE/HANDHOLE	IOLL	RCN	RCN
FIRE HYDRANT	d	SBC MANHOLE/HANDHOLE		SBC	SBC
ELECTRIC MANHOLE	(E) (E)	SIDERA MANHOLE/HANDHO	ıF	SID	(SID)
ELECTRIC EQUIPMENT BOX	EQ	SPRINT MANHOLE/HANDHO		SPT	SPT
TRAFFIC CONTROL BOX/MANHOLE		SUNESYS MANHOLE/HANDI		SUN	SUN
COMED MANHOLE	©E)	VINAKOM MANHOLE/HANDH		(KM	VWA)
COMED EQUIPMENT BOX	(CE)	VERIZON MANHOLE/HANDH		VZB	VZB
STREET LIGHT	ф	ZAYO MANHOLE/HANDHOLE		ZAYO	ZAYO
TRAFFIC SIGNAL	Ф	ADELPHIA		AOL	ADL
POWER POLE	-C-	ATT —	——————————————————————————————————————	TFA	TTA
UTILITY POLE	-0-	COMCAST —	— смст———		
FOC MANHOLE	(F)	CROWN CASTLE -			
UNIDENTIFIED MANHOLE	0	FIBER OPTIC CABLE		ro	FÓ
RAILROAD SIGNAL	® ®——	IBT	IBT		IBT
CATV PED	ĭ⊠	KDL —			kts,
POWER PED	P	LEVEL 3	LVL3	LVL3	LVL3
FOC PED	F	LIGHTOWER	—— L1R	- LTR -	LIII
UNIDENTIFIED PED	U	MCI -			
ELECTRICAL CABLE	Ε	NEXTEL -	NXT	NXT	тки
COMED		NEXTLINK		NXL	
GAS LINE	G	RCN -		RCN	
GAS LINE 4"	41	SBC	SBC		
WATER LINE	W	SIDERA		90	50
WATER 8"		SPRINT -	SP1	SPT	591
STORM SEWER ->>		SUNESYS	SUN	SUN-	SUN
STORM SEWER 8"	Ti-	TELEPHONE	—пі——		
SAN SEWER >	)	UNICOM -	UTI	v1T	UTT
SAN SEWER 8"	(4)	VERIZON	VIII		V28+
		VINAKOM			
		wow		#OW	
		xo –		Y0	

ZAYO

PROPOSED: BORE PIT	
MANHOLE	0 🗆
QUAZITE BOX	0
DIRECTIONAL BORE	F 55. W 100 M 100
TRENCH	
GENERAL:	
HANDICAP RAMP	
PARKING BOX	0
SIGN	3
TREE	
BACK OF CURB	2412
EDGE OF PAVEMENT	
FENCE	xxxx
RAILROAD TRACKS	
RIGHT OF WAY	now

WEST SHORE BUCKEYE DRAWING SCALE:

N/A

ENGINEER:



2649 GARDNER RD BROADVIEW, IL 60155 OFFICE 630.572,9998 FAX 630.572,9998

OWNER:

## CITY OF AURORA

44 E DOWNER PLACE AURORA, IL 60507 OFFICE: 630,256,3220 FAX: 630,256,3229

CONTRACTOR:



1350 W WASHINGTON ST WEST CHICAGO, IL 60185 OFFICE: 630.851.7751

TITLE:

OUTSIDE PLANT FIBER OPTIC BUILD

W DIEHL RD & N EOLA RD (CO RD 14) AURORA, IL 60502

PROJECT NUMBER:

1826-001

DRAWN BY: JCS DATE DRAWN: 04/23/18

4 08/09/18 REVISED PER CLIENT
3 08/03/18 ADDED DIMENSIONS
2 06/07/18 CALLOUT REVISION
1 06/07/18 ROUTE REVISION
04/23/18 PERMIT

NO. DATE DESCRIPTION

SHEET NUMBER

2

#### **NOTES & ABBREVIATIONS:**

#### ABBREVIATIONS:

ASPH ASPHALT BLDG BUILDING BLVD **BOULEVARD** CB CATCH BASIN **CURB LINE** CIP CAST IRON PIPE CL CENTERLINE CNTY COUNTY CONC CONCRETE CWALK CONCRETE SIDEWALK CULV CULVERT DCT CONDUIT DUCTS

**DUPAGE WATER COMMISSION** 

**DPWC** DRIV DRIVEWAY EΑ EACH ELEVATION EOC END OF CABLE FOP **EDGE OF PAVEMENT** EOS **EDGE OF SIDEWALK** EX **EXISTING** FΗ FIRE HYDRANT GALV GALVANIZED

GIMT **GALVANIZED INTERMEDIATE TUBE** 

GIP **GALVANIZED IRON PIPE** GRS **GALVANIZED RIGID STEEL** 

GRVI GRAVEL

HDPE HIGH DENSITY POLYETHYLENE

HH HANDHOLE HORIZ HORIZONTAL

ILAW ILLINOIS AMERICAN WATER

LT MANHOLE MH

MWRD METROPOLITAN WATER RECLAMATION DISTRICT

PED PEDESTAL PL PROPERTY LINE PR PROPOSED

PVC POLYVINYL CHLORIDE

RD ROAD ROW, R/W RIGHT-OF-WAY RTE ROUTE RR RAILROAD SAN SANITARY SE SOUTHEAST SEC SECTION SH SHEET SIG SIGNAL STL STEEL TW **TEST WINDOW** WM WATERMAIN

#### **GENERAL NOTES:**

- 1. ALL WORK TO BE DONE WITH EXTREME CAUTION. FIBER OPTIC CABLE CARRYING TRAFFIC AND LOSS OF SERVICE WILL RESULT IN LOSS OF REVENUE.
- 2. ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS OF ANY REGULATING GOVERNMENTAL AGENCY, OR THE RIGHT-OF-WAY GRANTOR.
- 3. LOCATIONS OF SOME OF THE PHYSICAL FEATURES WERE OBTAINED FROM DATED RAILROAD VALUATION MAPS OR OTHER DRAWINGS, AND MAY BE AS SHOWN OR DEPICTED ON THESE DRAWINGS.
- 4. UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS, BUT NOT NECESSARILY EXACT. THEREFORE, UTILITY LOCATIONS WILL BE VERIFIED AT LEAST 100 FEET IN ADVANCE OF TRENCHING OR PLOWING, SO THAT CHANGES IN CABLE PLACEMENT CAN BE MADE IN EVENT OF CONFLICT.
- 5. ALL KNOWN BURIED OBSTRUCTIONS ARE SHOWN ON THE CONSTRUCTION DRAWINGS, ANY AND ALL OTHERS ENCOUNTERED ARE ALSO THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, PROTECT, OR REPAIR, IF
- 6. ANY AND ALL IMPROVEMENTS, SUCH AS , ASPHALT OR CONCRETE PAVEMENT, CURBS, GUTTERS, WALKS, DRAINAGE DITCHES, EMBANKMENTS, SHRUBS, TREES, GRASS SOD, ETC., IF DAMAGED, SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.

#### CONSTRUCTION NOTES:

- 1. THE ENCLOSED DESIGN IMPLIES EXISTING UTILITIES. THE UTILITIES HAVE NOT BEEN FIELD VERIFIED FOR LOCATION. THEREFORE, ALL UTILITIES IMPLIED WITHIN THIS DOCUMENT ARE TO BE REFERRED TO AS A "REFERENCE TOOL". IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND/OR IT'S SUBCONTRACTORS TO VERIFY THESE UTILITIES USING ANY AND ALL METHODS AND INSTRUMENTS AVAILABLE IF WHEN NECESSARY. CCSI DESIGN GROUP, INC. (CCSI) CANNOT GUARANTEE UTILITY LOCATIONS. ALL DOCUMENTATION ON EXISTING UTILITIES HAS BEEN IMPLIED UTILIZING "INFORMATION RETRIEVAL PROCESSES" FROM EACH JURISDICTION INVOLVED (I.E., STATE, COUNTY AND/OR MUNICIPALITY, TO INCLUDE OTHERS). UTILITIES AND THE SAFETY OF SAME, ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR PERFORMING THE WORK.
- 2. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO ENSURE ALL CONDUITS ARE INSTALLED AS PRESCRIBED IN THESE DRAWINGS. CCSI DESIGN GROUP, INC. (CCSI) WAS NOT RETAINED OR PROVIDED A SURVEY OF THE THE PROPERTY BOUNDARIES AND THEREFORE CAN NOT GUARANTEE THE ACCURACY OF BOUNDARY SHOWN (I.E. PUBLIC WAY, PRIVATE PROPERTY, EASEMENTS ETC.) NOR IS IT TO BE ASSUMED EASEMENTS, SALE OF PROPERTIES HAS NOT OCCURRED DURING & AFTER CCSI'S RESPONSIBILITIES FOR THIS PROJECT HAVE PAST. THENCE ALL BOUNDARIES, EASEMENTS, PROPERTY LINES ETC. ARE TO BE USED AS A GUIDELINE OR REFERENCE AND SHOULD NOT BE TAKEN LITERALLY. IT IS THE CONTRACTORS RESPONSIBILITY TO STAKE ALL ASSOCIATED BOUNDARIES IF SO QUESTIONED. ALL ASPECTS OF BOUNDARIES IMPLIED HEREIN, HAVE BEEN DERIVED THROUGH AVAILABLE MEDIA SUCH AS BUT NOT LIMITED TO (SIDWELL, GOOGLE EARTH PRO, MUNICIPAL, STATE, COUNTY AND OTHER RECORD TYPES). CCSI DOES NOT AGREE NOR DISAGREE WITH THE ABOVE-MENTIONED RECORDS. IT IS SIMPLY A REFERENCE TOOL
- 3. ALL CONDUIT WILL BE 4" ID SCHEDULE 40. MANUFACTURED SPLIT PVC OR SPLIT BSP/GSP, UNLESS SPECIFIED
- 4. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY.
- 5. SHORING MAY BE REQUIRED AND SHALL COMPLY TO O.S.H.A. STANDARDS.
- 6. ALL BURIED CONDUIT/CABLE WILL BE PLACED AT 36" MINIMUM COVER UNLESS SPECIFIED OR OTHERWISE NOTED ON THE CONSTRUCTION DRAWINGS.
- 7. MECHANICAL PROTECTION SHALL BE REQUIRED WHENEVER A 36" MINIMUM COVER IS NOT OBTAINABLE UNLESS OTHERWISE SPECIFIED ON THE CONSTRUCTION DRAWINGS.
- 8. ALL 90 DEGREE BEND IN CONDUIT CONSTRUCTION WILL BE A MINIMUM 36.0" RADIUS UNLESS OTHERWISE SPECIFIED. ALL SPLIT CONDUIT BENDS AND SOLID PVC BENDS SHALL REQUIRE CONCRETE ENCASEMENTS,

DRAWING SCALE:

ENGINEER:



BROADVIEW, IL 60155 OFFICE 630.572.9996 FAX 630.572.9998

OWNER:

## CITY OF **AURORA**

44 E DOWNER PLACE AURORA, IL 60507 OFFICE: 630,256,3200 FAX: 630.256.3229

CONTRACTOR:



1350 W WASHINGTON ST WEST CHICAGO, IL 60185

TITLE:

**OUTSIDE PLANT FIBER** OPTIC BUILD

W DIEHL RD & N EOLA RD (CO RD 14) AURORA, IL 60502

NUMBER

1826-001

DRAWN BY JCS

DATE DRAWN: 04/23/18

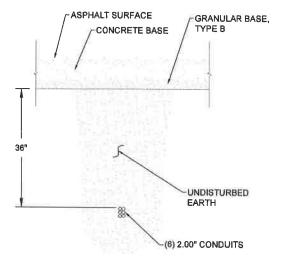
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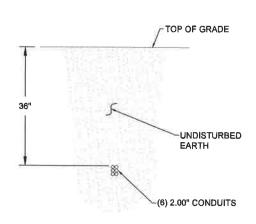
4 08/09/18 REVISED PER CLIENT 3 08/03/18 ADDED DIMENSIONS 2 06/07/18 CALLOUT REVISION 1 06/07/18 ROUTE REVISION 04/23/18 PERMIT

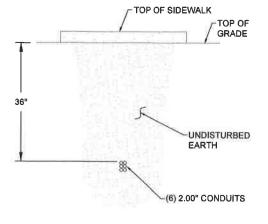
SHEET NUMBER

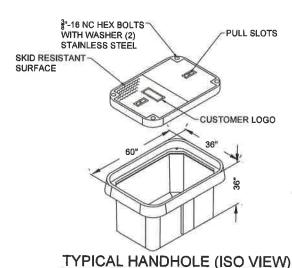
NO. DATE

### **TYPICALS**







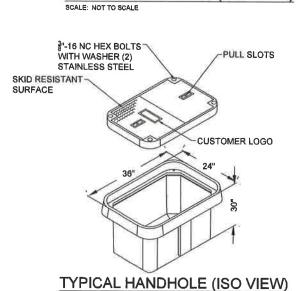


(6) 2.00" BORE CROSS SECTION SCALE: NOT TO SCALE

(6) 2.00" BORE CROSS SECTION

(6) 2.00" BORE CROSS SECTION SCALE: NOT TO SCALE

TOP OF GRADE

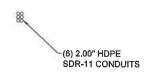


SCALE: NOT TO SCALE

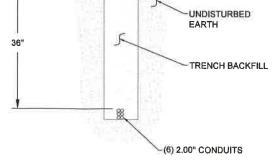
5" CORE FOR-CONDUIT HYDRO PLUG OR 4" STEEL CONDUIT NON-SHRINK GROUT MANHOLE WALL -INTERIOR SURFACE OF EXTERIOR WALL

MANHOLE WALL CORE

SCALE: NOT TO SCALE

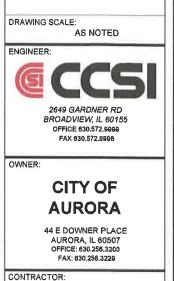


(6) 2.00" HDPE CONDUITS CROSS SCALE: NOT TO SCALE



TRENCH CROSS SECTION SCALE: NOT TO SCALE

SECTION



NATIONAL

1350 W WASHINGTON ST WEST CHICAGO, IL 60186 OFFICE: 630.851.7751

TITLE:

OUTSIDE PLANT FIBER OPTIC BUILD

W DIEHL RD & N EOLA RD (CO RD 14) AURORA, IL 60502

PROJECT 1826-001 NUMBER: DRAWN BY DATE DRAWN: JCS 04/23/18 4 08/09/18 REVISED PER CLIENT 3 08/03/18 ADDED DIMENSIONS 2 06/07/18 CALLOUT REVISION 1 06/07/18 ROUTE REVISION 04/23/18 PERMIT NO. DATE DESCRIPTION REVISIONS

SHEET NUMBER

BILL OF MATERIALS			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
	2" HDPE SDR-11 CONDUIT	4458	LF
	2" PVC SCHEDULE 40 CONDUIT	6426	LF
	12 GAUGE TRACER WIRE	1814	LF
	DIRECTIONAL BORE	743	LF
	OPEN CUT / TRENCH	1071	LF
	MANHOLE CORE(S)	1	EA
	36"x24"x30" HANDHOLE(S)	1	EA
	60"x36"x36" HANDHOLE(S)	4	EA
	TEST WINDOW(S)	3	EA
######################################			

DRAWING SCALE:

N/A

ENGINEER:



2649 GARDNER RD BROADVIEW, IL 60155 OFFICE 630.572,9698 FAX 630.572,9698

OWNER:

## CITY OF AURORA

44 E DOWNER PLACE AURORA, IL 60507 OFFICE: 630,256,3220 FAX: 630,256,3229

CONTRACTOR:



1350 W WASHINGTON ST WEST CHICAGO, IL 60185 OFFICE: 630.851.7751

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OUTSIDE PLANT FIBER OPTIC BUILD

W DIEHL RD & N EOLA RD (CO RD 14) AURORA, IL 60502

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DRAWN BY: JCS DATE DRAWN: 04/23/18

_	303	04/23/10
4	08/09/18	REVISED PER CLIEN
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2	06/07/18	CALLOUT REVISION
1	06/07/18	ROUTE REVISION
	04/23/18	PERMIT
NO.	DATE	DESCRIPTION

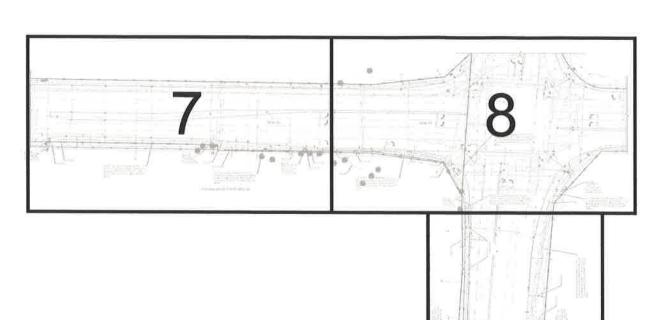
REVISIONS

SHEET NUMBER

5

## PLAN & PROFILE

SEC 5 & 8, T38N-R9E AURORA, DUPAGE COUNTY, ILLINOIS



DIEHL RD



DRAWING SCALE:



2649 GARDNER RD BROADVIEW, IL 60155 OFFICE 630,572,8999 FAX 630,572,8998

## **CITY OF AURORA**

44 E DOWNER PLACE AURORA, IL 60507 OFFICE: 630.258,3200 FAX: 630.256,3229

CONTRACTOR:



1350 W WASHINGTON ST WEST CHICAGO, IL 60185 OFFICE: 630.651.7751

OUTSIDE PLANT FIBER OPTIC BUILD

W DIEHL RD & N EOLA RD (CO RD 14) AURORA, IL 60502

PROJECT NUMBER:

1826-001

DRAWN BY: JCS

DATE DRAWN: 04/23/18

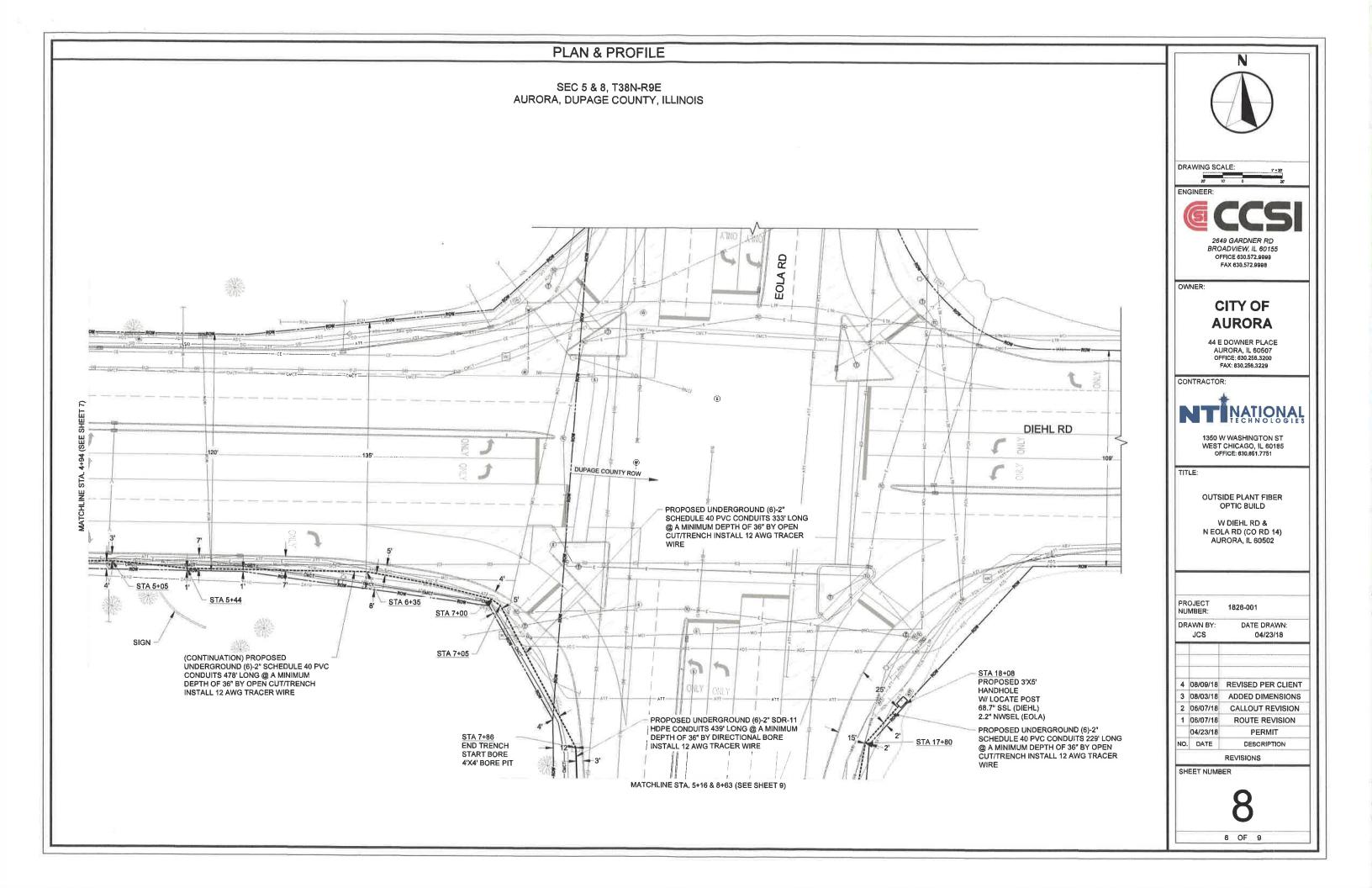
4	08/09/18	REVISED PER CLIEN
3	08/03/18	ADDED DIMENSIONS
2	06/07/18	CALLOUT REVISION
1	06/07/18	ROUTE REVISION
	04/23/18	PERMIT
NO	DATE	DESCRIPTION

REVISIONS

SHEET NUMBER

6 OF 9

EOLA RD



#### PLAN & PROFILE SEC 5 & 8, T38N-R9E AURORA, DUPAGE COUNTY, ILLINOIS DRAWING SCALE: ENGINEER: STA 12+25 PROPOSED 3'X5' HANDHOLE PROPOSED UNDERGROUND (6)-2" SDR-11 HDPE CONDUITS 439' LONG @ A MINIMUM DEPTH OF 36" BY DIRECTIONAL BORE INSTALL 12 AWG TRACER WIRE W/ LOCATE POST 4'X4' BORE PIT 2649 GARDNER RD BROADVIEW, IL 60155 529.1' SSL (DIEHL) STA 10+73 5.6' EWL (EOLA) OFFICE 630.572,9999 FAX 630,572,9998 STA 8+17 OWNER: 21' CITY OF **AURORA** 44 E DOWNER PLACE AURORA, IL 60507 OFFICE: 630.256,3200 18' FAX: 630,256,3229 CONTRACTOR TEST WINDOW(S) NATIONAL **(B)** 1350 W WASHINGTON ST EOLA RD WEST CHICAGO, IL 60185 OFFICE: 630,851,7751 - VKU - HOW-OUTSIDE PLANT FIBER OPTIC BUILD W DIEHL RD & N EOLA RD (CO RD 14) AURORA, IL 60502 STA 13+18 4'X4' BORE PIT PROPOSED UNDERGROUND (6)-2" SDR-11 1826-001 HDPE CONDUITS 304' LONG @ A MINIMUM DEPTH OF 36" BY DIRECTIONAL BORE DRAWN BY DATE DRAWN: STA 15+29 END BORE START TRENCH --4 16+14 **INSTALL 12 AWG TRACER WIRE** STA 15+81 PROPOSED 36"X24" HANDHOLE JCS 04/23/18 PROPOSED UNDERGROUND (6)-2" SCHEDULE 40 PVC CONDUITS 229' LONG @ A MINIMUM DEPTH OF 36" BY OPEN CUT/TRENCH INSTALL 12 AWG TRACER 4'X4' BORE PIT W/ LOCATE POST PROPOSED UNDERGROUND (6)-2" 285.06' SSL (DIEHL) SCHEDULE 40 PVC CONDUITS 33' LONG 5.78' WEL (EOLA) @ A MINIMUM DEPTH OF 36" BY OPEN 4 08/09/18 REVISED PER CLIENT CUT/TRENCH INSTALL 12 AWG TRACER 3 08/03/18 ADDED DIMENSIONS PROPOSED UNDERGROUND (6)-2" SCHEDULE 40 PVC CONDUITS 17' LONG @ A MINIMUM DEPTH OF 36" BY OPEN CUT/TRENCH INSTALL 12 AWG TRACER 2 06/07/18 CALLOUT REVISION STA 15+62 PROPOSED 3'X5' HANDHOLE 1 06/07/18 ROUTE REVISION W/ LOCATE POST 04/23/18 PERMIT 304.5' SSL (DIEHL) NO. DATE DESCRIPTION 5.8' WEL (EOLA) REVISIONS SHEET NUMBER 9 OF 9