



Chairwoman Jennifer Swallow
Vice-Chairman Jim Smolik
Member Jim Maleski

CITY OF NORTH RIDGEVILLE

PLANNING COMMISSION

7307 Avon Belden Road
North Ridgeville, Ohio 44039
(440) 353-0513



Member Steve Ali
Council Liaison Bruce F. Abens

SHOW / HIDE
BOOKMARKS

AGENDA

REGULAR MEETING – TUESDAY, NOVEMBER 12, 2019

TO ORDER: 7:00 PM, Council Chambers

ROLL CALL:

MINUTES: Regular meeting held Tuesday, October 8, 2019

CORRESPONDENCE:

Law Department memo (dated October 25, 2019) regarding tie votes and lost motions

OLD BUSINESS:

NEW BUSINESS:

APPLICANT: John F. Bokisa, MCI-Metro; 12300 Ridge Road, North Royalton, Ohio 44133

OWNER: City of North Ridgeville – right-of-way
7307 Avon Belden Road, North Ridgeville, Ohio 44039

REQUEST: Installation of fiber optic cable and conduit in the right-of-way.

LOCATION: The right-of-way of Victory Lane, Lorain Road, Sugar Ridge Road, Center Ridge Road Emerald Street, Mills Road, Mills Industrial Parkway and Performance Lane.

APPLICANT: **COUNCIL REFERRAL**
Richard Stickland; UYA Holdings, LLC
118 Mill Street, Medina, Ohio 44256

OWNER: UYA Holdings, LLC; 118 Mill Street, Medina, Ohio 44256

REQUEST: Approval to rezone portion of land to B-3 Highway Commercial District.

LOCATION: 7385 Race Road; zoned in an R-1 Residence District and B-3 Highway Commercial District.
Permanent Parcel No. 07-00-034-000-137

ADJOURNMENT:

NEXT REGULAR MEETING WILL BE HELD TUESDAY, DECEMBER 10, 2019

**NORTH RIDGEVILLE PLANNING COMMISSION
MINUTES OF
REGULAR MEETING – TUESDAY, OCTOBER 8, 2019**

CALL TO ORDER:

Chairwoman Swallow called the Planning Commission meeting to order with the Pledge of Allegiance at 7:00 PM.

ROLL CALL:

Present were members Steve Ali, Vice-Chairman James Smolik, Chairwoman Jennifer Swallow and Council Liaison Bruce Abens.

Also present was Chief Building Official Guy Fursdon, Assistant Law Director/Prosecutor Cynthia Adams, Alternate Council Liaison Michelle Hung and Deputy Clerk of Council Michelle A. Owens.

Excused was member James Maleski.

MINUTES:

Chairwoman Swallow asked for corrections or comments to the minutes of the regular meeting on Tuesday, September 10, 2019. No discussion was offered. The minutes are approved and placed on file.

CORRESPONDENCE:

None

OLD BUSINESS:

None

NEW BUSINESS:

APPLICANT: Sandra L. Madison; Robert P. Madison International, Inc.
1215 Superior Avenue, Suite 110, Cleveland, Ohio 44114
OWNER: William Scott; 59 East Garfield Road, Aurora, Ohio 44202
REQUEST: Site plan approval for Young Explorers Montessori Schools with demolition of existing structures.
LOCATION: 36516 Center Ridge Road and 36536 Center Ridge Road; zoned within a B-5 Architectural Business District.
Permanent Parcel Nos. 07-00-028-101-171 & 07-00-028-101-169

Application was read.

Chairwoman Swallow asked that the applicant come forward and provide a brief description of their request. She instructed her to state her name and address, sign in, and speak into the

microphone for purposes of recording.

Sandra Madison, 1215 Superior Avenue, Suite 110, Cleveland, Ohio 44114, explained that the project is for Young Explorers Schools, a Montessori school, which will be approximately 12,000 square feet. She stated that the original drawings provided to Planning Commission illustrate about 16,000 square feet but, due to costs, some of the classroom spaces were eliminated to reduce the building size by 4,000 square feet. She indicated that the location of the building would be almost the same [as originally planned]: The front setback would not change but there will now be more space toward the rear of the property.

She stated that the school will accommodate children from the ages of birth through five years and provide after-school activities. A playground will be situated at the back of the property. It will provide a total of 40 parking spaces; and will have a turnaround area for parents to drop off children without having to enter the building.

She described the material to be used for the building exterior. At the entrance will be a taupe-colored brick. Other materials will include stone and vinyl siding. She clarified that some vinyl siding will be on the front of the building, but primarily on the backside. Shingles and white trim will be in the dormer area. Windows will be Pella brand with white, wood frames. Regarding shingles, she stated they will be using a 40-year or lifetime shingle.

She then identified the location of materials, as illustrated in the new elevations. She stated that there is stone in the front; and that there will be an entrance and columns, which will be part of the entrance area. She explained the use of dormers to help break down the linearity of the building and give it more dimension. She stated that they would also provide more light to the upper part of the structure. She indicated that the structure would be a wood-frame, V-B construction.

She spoke about the color changes from the original submittal. She explained that the colors were wrong and were never really that orange, which may have been due to a printer malfunction.

Chairwoman Swallow noted the receipt of new plans. She stated that the plans were different than what had been submitted by deadline for review. She asked if the Administration had an opportunity to review the new plan and provide any comments.

Chief Building Official Fursdon responded that, given the small size of the building, it should not conflict with any building setbacks or parking requirements. He commented that he likes the color rendering of the new submittal better than the original submittal.

Chairwoman Swallow asked for comments or questions from the Commission.

Vice-Chairman Smolik asked if a sidewalk was proposed along the frontage of Center Ridge Road.

Ms. Madison answered yes. She cited a prior discussion with city officials, during which it was explained that a six-foot-wide sidewalk was required along the front of the building. She commented that their civil engineer is working with the city on the location.

Vice-Chairman Smolik asked if the dumpster enclosure would be similar construction to the main building.

Ms. Madison replied that it would probably be a wood and vinyl siding, with bollards. She asked if masonry would be preferable.

Vice-Chairman Smolik thought that as long as it matches with similar construction.

Ms. Madison remarked that there would be an enclosure, so the dumpster would not be seen. She stated that it would come down to cost as to the materials used, unless required one way or the other.

City Engineer Rodriguez explained that most of the sidewalk would likely be installed with the Center Ridge Road project next year. He stated that there would be a small piece to install with the building.

Chairwoman Swallow asked if there were any other questions or comments from the Commission.

Council Liaison Abens noted use of a detention basin rather than retention basin. He questioned if this had been reviewed by the Engineering Department.

City Engineer Rodriguez indicated that it had not yet been approved, but that was there submittal at this point. He explained that – whether detention or retention did not matter – as long as it serves the same purpose: they have to store water for a certain period of time before letting it go.

Council Liaison Abens asked about fencing surrounding the basin to protect children.

Ms. Madison responded yes, there would be fencing around the play yard to keep children away from the detention basin.

Chairwoman Swallow asked for any other questions or comments.

Member Ali asked about the type of outside lighting to be used.

Ms. Madison replied that there will be lighting, but they have not gotten to it yet. She stated they will submit something for it. She indicated that there will be emergency lighting at each of the exit doors of the classrooms and at the entrance. She mentioned decorative lighting as well. Concerning the parking lot, she stated that there will be lighting for security; and they will make sure that it does not spill over to other properties.

Council Liaison Abens asked about use of exterior video equipment.

Ms. Madison stated they did not have exterior video equipment.

Council Liaison Abens commented that it may be advisable.

Ms. Madison asked whether he was recommending video surveillance primarily around the parking lot or the whole property.

Council Liaison Abens replied that, when it concerns children, the more video you have, the better off you are.

Chairwoman Swallow asked if any consideration had been given to traffic management, leaving and entering the site during peak hours. She understood that a trip generation report will happen with the approval of engineering. She acknowledged that, despite being exacerbated by construction, Center Ridge Road was already busy road.

Ms. Madison answered that it has not, but planned to watch and see [monitor] how traffic flows. She discussed the possibility of a right-turn-exit-only.

It was clarified that the circular drive illustrated in the plans was intended for school bus use only; and not a drop-off area to be used by parents.

Chairwoman Swallow remarked that she felt better about that. She asked for any other questions from the Commission. No discussion was offered. She asked for questions or comments from the Administration. No discussion was offered. She opened the floor for public comment. No discussion was offered.

It was moved by Smolik and seconded by Ali to approve [the application as presented].

A voice vote was taken and the motion carried.

Yes – 4 No – 0

APPLICANT: Brian Greenfield; TALAN, LLC
36400 Center Ridge Road, North Ridgeville, Ohio 44039
OWNER: TALAN, LLC
36400 Center Ridge Road, North Ridgeville, Ohio 44039
REQUEST: Building and parking lot additions with modifications to storm water management.
LOCATION: Animal Clinic Northview, 36400 Center Ridge Road; zoned within a B-5 Architectural Business District.
Permanent Parcel No. 07-00-028-101-167

Application was read.

Chairwoman Swallow asked that the applicant come forward and describe their application.

Brian Greenfield, TALAN, LLC, 36400 Center Ridge Road, North Ridgeville, Ohio 44039, stated that they are seeking an expansion of an existing facility that was built twelve years ago. He indicated that building materials will be in line with what is currently there: brick, roofing and facade. He discussed their reason for the expansion was due to the increase in volume. He stated that they are expanding their ICU, office space and exam rooms, and adding a CAT scan facility and more kennels. He then remarked that they are not becoming a boarding and grooming facility. He explained their goal is the expansion of the hospital in line with the growth they have sustained.

Chairwoman Swallow asked for questions or comments from the Commission.

Vice-Chairman Smolik spoke about the north property line and asked if there would be enough room for a swail there. He stated that the property dives down, and he wanted to make sure they were not draining their runoff onto an adjacent parcel.

Mr. Greenfield replied that a storm water study had been completed. He believed there would be expansion of one of the existing [basins].

Representative #2, indicated that this is illustrated on the storm water contour plan. He stated that he would not be affecting the flow at that location, and believed that the swail would be maintained. He spoke about a four-foot-high retaining wall about 12 feet off the property line, which will support a dog walk area used to exercise dogs after surgery in the ICU area.

Chairwoman Swallow asked for questions or comments from the Commission.

Council Liaison Abens stated that he drove around facility and their retention basin looked more like a detention basin. He observed no water in it and asked if it would be addressed. He stated that water runoff was a very big issue in North Ridgeville.

Mr. Greenfield responded that he was not sure if they were designed to hold water or to release water slowly.

It was noted that the basin in the northwest corner does hold water, which will be modified by Bramhall Engineering in their civil drawings.

Representative #2 stated that it had been brought to his attention by Bramhall Engineering that water should not be in this basin.

Council Liaison Abens commented that their drawings say retention.

Chairwoman Swallow asked for any other questions or comments from the Commission.

Vice-Chairman Smolik commented that he believed a sidewalk along Center Ridge Road would

be put in with the Center Ridge Road project. He asked if a balance of sidewalk would be installed on the Stoney Ridge Road side with this project.

Representative #2 believed that this parcel already has a sidewalk.

Vice-Chairman Smolik asked if the whole frontage will have sidewalk on Stoney Ridge Road.

Representative #2 stated that the corner lot is a separate parcel.

Chairwoman Swallow asked if it was under separate ownership.

Mr. Greenfield answered no: It was under the same ownership as a separate parcel.

Chairwoman Swallow asked if this was the parcel showing in their plans with an already approved building.

Chief Building Official Fursdon stated future building, yes.

Representative #2 stated that the basins were designed to support the flow off that site. He indicated that this parcel would be served by the storm water system on the larger site.

Chairwoman Swallow asked if all the improvements being proposed were on the main parcel.

Mr. Greenfield stated yes, except for the additional parking on the smaller parcel that is adjacent to Center Ridge Road.

Chairwoman Swallow asked if there was any reason they would not continue the sidewalk, so there was continuity at the corner.

Mr. Greenfield responded that there was no reason they would not do this and, if required, it would not be a problem.

Chairwoman Swallow commented that she would make that request but did not feel she could make it a requirement because they are not developing that parcel at this time. She described Stoney Ridge Road as a rough street with a lack of sidewalks. She stated it was her opinion that it would be cleaner to continue all the way down to Center Ridge Road.

Mr. Greenfield asked if that sidewalk would be part of the Center Ridge Road widening project.

City Engineer Rodriguez stated that he was not sure how far down Stoney Ridge Road they planned to go. He assumed they would come around the corner but did not know how far to the north they would go. He indicated that the sidewalks would cross the entire frontage of the two parcels along Center Ridge Road. He acknowledged that, as part of the Center Ridge Road project, they were rebuilding approximately 400 feet to the north; but he did not know if the sidewalks would extend the entirety of all 400 feet.

**NORTH RIDGEVILLE PLANNING COMMISSION
REGULAR MEETING – TUESDAY, OCTOBER 8, 2019**

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Mr. Greenfield asked if the border of the southern parcel that is adjacent to Center Ridge Road would be covered.

City Engineer Rodriguez stated yes, it would be covered by the Center Ridge Road project.

There was discussion regarding the parcel at the corner of Stoney Ridge Road and Center Ridge Road. Land on the east side of the lot had been taken as part of the Center Ridge Road project. It was noted that there would be no additional right-of-way; and what had already been acquired was all that was needed for the new right and left turning lanes.

City Engineer Rodriguez stated that, when travelling south on Stoney Ridge Road, the road will take a turn to the west.

Chairwoman Swallow asked for any other questions or comments from the Commission. No discussion was offered. She asked for anything further from the Administration. No discussion was offered. She opened the floor for public comment. No discussion was offered.

It was moved by Smolik and seconded by Ali to approve [the application as presented].

A voice vote was taken and the motion carried.

Yes – 4 No – 0

ADJOURNMENT:

The meeting was adjourned at 7:31 PM.

Jennifer Swallow
Chairwoman

Michelle A. Owens
Deputy Clerk of Council

Tuesday, November 12, 2019
Date Approved

Engineering Fee Paid: \$ 225.00
ack 30641 rec 486231

Planning Commission & Bldg. Admin. Fees : \$ 185.00
Receipt No. 39616
See attached for description of fees



RECEIVED

**CITY OF NORTH RIDGEVILLE PLANNING COMMISSION
REQUEST FOR ACTION**



Received: OCT 17 2019 Date released to Planning Commission: 10/18/2019
Date of Planning Commission meeting: 11/12/2019 (unless otherwise notified)

APPLICANT INFORMATION AND REQUEST:

APPLICANT:	<u>John F. Bokisa</u>	PROPERTY OWNER:	<u>City of North Ridgeville - Public R/W</u>
COMPANY NAME:	<u>MCI-Metro</u>	ADDRESS:	<u>7307 Avon Belden Road</u>
ADDRESS:	<u>12300 Ridge Road</u>	CITY/STATE	<u>North Ridgeville, OH</u> ZIP <u>44039</u>
CITY/STATE:	<u>N. Royalton, OH</u> ZIP <u>44133</u>	PHONE NO:	<u>440.353.6619</u>
PHONE NO.:	<u>440.457.4833</u>	SIGNATURE:	<u>[Signature]</u>
SIGNATURE:	<u>[Signature]</u>	(Owner's original signature must be submitted with application)	

Applicant: please provide an email address, fax number or mailing address to send Administrative comments in advance of the Planning meeting:

LOCATION OF PROPERTY/ADDRESS: 7307 Victory Lane North Ridgeville, Oh 44039 07-00-003-900-002
PERMANENT PARCEL NO: 788883102094 **ZONING OF PROPERTY:** _____
ZONING OF ADJACENT PROPERTY TO: NORTH _____ EAST _____ SOUTH _____ WEST _____
DESCRIPTION OF REQUEST: Install fiber optic conduit and cable in the right-of-way of Victory Ln., Lorain Rd., Sugar Ridge Rd., Avon Belden Rd., Center Ridge Rd., Emerald St., Mills Rd., Mills Industrial Pkwy. and Performance Ln. as part of MCI-Metro Fiber Project

Have the Planning Commission or Board of Zoning and Building Appeals considered any prior request concerning this property? Yes No. If yes, list dates and nature of each: _____

On the attached form, list the current record title owners(s) adjacent to the property of request. Include on this list the record title owner(s) name, permanent parcel number and mailing address. Adjacent properties shall include those properties bordering to the north, south, east, west, across a street from the property involved and those properties meeting corners of the property involved.

In the event of property transfers, the applicant shall be responsible for providing an updated list of current adjacent record title owner(s) to the office of the Clerk of Council twenty-five days prior to the date of any public hearing when the applicant will appear on the agenda.

PLANNING COMMISSION USE ONLY: ☐ APPROVED ☐ DISAPPROVED

All approvals are conditional until applicant fully meets the requirements of applicable City ordinances enforced by the Chief Building Official, City Engineer, Fire Department and Police Department with respect to safety and design.

☐ Board of Building & Zoning Appeals approval required

☐ Conditions as set forth by the Commission on this date are _____

Date: _____ Signature: _____
(Presiding officer at meeting)

Return completed form to Building Dept., 7307 Avon Belden Road, North Ridgeville, Ohio, after Commission action.

TO BE FILLED OUT BY APPLICANT

I, _____
(Print Name) (Signature)

verify that the following are the names, mailing addresses and permanent parcel numbers of the current record title owners adjacent to the property of request for:

Applicant: _____

Owner: _____

Project address: _____ Permanent parcel no. _____

THE FOLLOWING INFORMATION MAY BE OBTAINED AT THE LORAIN COUNTY AUDITOR'S OFFICE,
ADMINISTRATION BUILDING., 226 MIDDLE AVENUE, ELYRIA, OHIO.
PHONE: 440-329-5207 WEBSITE: WWW.LORAINCOUNTY.COM/AUDITOR

	<u>ADJACENT PROPERTY OWNER/ADDRESS</u>	<u>PARCEL NUMBER</u>
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

SEE REVERSE SIDE FOR ADDITIONAL LISTINGS.

OFFICE USE ONLY

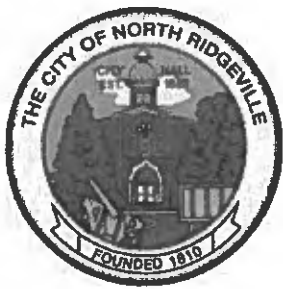
CBO verification by: _____
BZA/PC verification by: _____

Date/time stamp: _____

LINE	ADJACENT PROPERTY OWNER	ADDRESS	PARCEL NUMBER
✓1	Lorian Gateway Development LLC	Victory Ln North Ridgeville , Oh 44039	700003102088
✓2	Agree Limited Partnership	32635 Lorain Rd North Ridgeville, Oh 44039	700003102080
✓3	Blue Marble Victory Lane	7725 Victory Ln North Ridgeville, Oh 44039	700003102093
✓4	City of North Ridgeville	7777 Victory Ln North Ridgeville, Oh 44039	700003102094
✓5	Hrusch Pearl E Trustee	32650 Lorain Rd North Ridgeville, Oh 44039	700003101011
✓6	Emro Marketing Company	32760 Lorain Rd North Ridgeville, Oh 44039	700003101006
✓7	Iannelli Antonio & Maria	32626 Lorain Rd North Ridgeville, Oh 44039	700003101010
✓8	ATIT LLC	32751 Lorain Rd North Ridgeville, Oh 44039	700003102021
✓9	Allcon LLC	Sugar Ridge Rd North Ridgeville, Oh 44039	700026101017
✓10	Allcon LLC	36040 Sugar Ridge Rd Noeth Ridgeville, oh 44039	700026101015
✓11	Allcon LLC	Sugar Ridge Rd North Ridgeville, Oh 44039	700026101014
✓12	Kolarik Shirley & Kolarik Lee	36080 Sugar Ridge Rd North Ridgeville, Oh 44039	700026101013
✓13	Freedom Mortgage Corporation	36100 Sugar Ridge Rd North Ridgeville, Oh 44039	700026101012
✓14	Welch William D	36110 Sugar Ridge Rd North Ridgeville Oh 44039	700026101052
✓15	Knight Leroy Sr & Marjorie G	36170 Sugar Ridge Rd North Ridgeville, Oh 44039	700026101046
✓16	Barnes Joseph w & M Sandra	36240 Sugar Ridge Rd North Ridgeville, Oh 44039	700026101045
✓17	Jones Michael A	36260 Sugar Ridge Rd North Ridgeville, Oh 44039	700026101044
✓18	Jones Michael A	Sugar Ridge Rd North Ridgeville, Oh 44039	700026101043
✓19	Dickens Verlie Mae	36320 Sugar Ridge Rd North Ridgeville, Oh 44039	700026101009
✓20	Ohio Edison Company	Sugar Ridge Rd North Ridgeville, Oh 44039	700026101005
✓21	Haynes Dennis R	36466 Sugar Ridge Rd North Ridgeville, Oh 44039	700026101004
✓22	North Ridgeville Storage Condominiums LTD	36498 Unit 1 Sugar Ridge Rd North Ridgeville, Oh 44039	700026701001
✓23	Studd Robert M & Studd Karen	36666 Sugar Ridge Rd North Ridgeville, Oh 44039	700026101003
✓24	Finishing Touch Concrete Systems LTD	36674 Sugar Ridge Rd North Ridgeville, Oh 44039	700026101034
✓25	Fate Richard & Julie	36682 Sugar Ridge Rd North Ridgeville, Oh 44039	700026101002
✓26	J&K Homenik Realty Co	36690 Sugar Ridge Rd North Ridgeville, Oh 44039	700026101041
✓27	Crestview Holding Company LTD	8326 Avon Beldon Rd North Ridgeville, Oh 44039	700026104047
✓28	New Sunrise Properties Inc	36059 Sugar Ridge Rd North Ridgeville, Oh 44039	700026104050
✓29	Brownfield Palo Enterprises INC	3611 Sugar Ridge Rd North Ridgeville, Oh 44039	700026103016
✓30	Brownfield Palo Enterprises INC	Sugar Ridge Rd North Ridgeville, Oh 44039	700026103015
✓31	Kirby Rachel L	36185 Sugar Ridge Rd North Ridgeville, Oh 44039	700026103003
✓32	Kirby Rachel L	Sugar Ridge Rd North Ridgeville, Oh 44039	700026103002
✓33	Borocz Gregory J & Borocz Mary Ellen	36251 Sugar Ridge Rd North Ridgville, Oh 44039	700026103001
✓34	Douglas Brian M	Sugar Ridge Rd North Ridgeville, Oh 44039	700026103020

LINE	ADJACENT PROPERTY OWNER	ADDRESS	PARCEL NUMBER
✓35	Douglas Mark S & Connie	3623 Sugar Ridge Rd North Ridgeville 44309	700026103019
✓36	blank	Sugar Ridge Rd North Ridgeville, Oh 44039	700026102023
✓37	Hershey Jay W	36441 Sugar Ride Rd North Ridgeville, oh 44039	700026102014
✓38	blank	36455 sugar Ridge Rd North Ridgeville, Oh 44039	70026102022
✓39	Komar Michael R	Sugar Ridge Rd North Ridgeville, Oh 44039	70026102016
✓40	Given Richard A & Janet H	36553 Sugar Ridge Rd North Ridgeville, Oh 44039	700026102006
✓41	Gara LLC	35205 Center Ridge Rd North Ridgeville Oh 44039	700021119145
✓42	Ridgecar Company II LLC	35143 Center Ridge Rd Nortjh Ridgeville, Oh 44039	700021119147
✓43	Allen Christopher J Wros & Allen Phillip W Jr Wros	35157 Lot 138 Center Ridge Rd North Ridgeville, Oh 44039	700021119149
✓44	RidgeCar Company LLC	35085 Center Ridge Rd North Ridgeville, Oh 44039	700021119151
✓45	Knowles William	Center Ridge Rd North Ridgeville, Oh 44039	700021119153
✓46	Knowles William	Center Ridge Rd North Ridgeville, Oh 44039	700016104194
✓47	Narowitz Myles E & Jeannine M	35206 Center Ridge Rd North Ridgeville, Oh 44039	700021116051
✓48	Thaker Holdings LLC	35130 Center Ridge Rd North Ridgeville, Oh 44039	700021116053
✓49	J&P Custom Floor Covering PLL	35070 Center Ridge Rd North Ridgeville, Oh 44039	700021116055
✓50	EMRO Marketing Company	35066 Center Ridge Rd North Ridgeville, Oh 44039	700021116022
✓51	Unk	34373 Center Ridge Rd North Ridgeville, Oh 44039	700017130031
✓52	Providence Square LLC	34179 Center Ridge Rd North Ridgeville, Oh 44039	700017130012
✓53	Providence Square LLC	34107 Center Ridge Rd North Ridgeville, Oh 44039	700017130024
✓54	Providence Square LLC	34085 Center Ridge Rd North Ridgeville, Oh 44039	700017130026
✓55	Conrads Tire Realty Company Inc	34043 Center Ridge Rd North Ridgeville, Oh 44039	700017130028
✓56	Nomark Enterprises Inc	34011 Center Ridge Rd North Ridgeville, Oh 44039	700017130030
✓57	LDC Emerald Ridge LTD	34282 Center Ridge Rd North Ridgeville, Oh 44039	700017129079
✓58	Health Express Urgent Care Centers LLC	34160 Center Ridge Rd North Ridgeville, Oh 44039	700017129081
✓59	Center Ridge Professional Plaza LLC	34100 Center Ridge Rd North Ridgeville, Oh 44039	700017129071
✓60	Country Club Landscapping Of North Ridgeville Inc	34088 Center Ridge Rd North Ridgeville, Oh 44039	700017129083
✓61	North Ridgeville Real Estate Holdings CO LLC	6115 Emerald st North Ridgeville, Oh 44039	700017129085
✓62	MPB Real Estate LLC	6150 Emerald St North Ridgeville, Oh 44039	700017129068
✓63	Reinke David J & Cynthia S	6118 Emerald St North Ridgeville, Oh 44039	700017128115
✓64	Santa Stephen & Barbara A	34395 Mills Rd North Ridgeville, Oh 44039	700018101089
✓65	Tango Properties LLC	4915 Mills Industrial Pkwy North Ridgeville, Oh 44039	700018101237
✓66	RLG Cleveland LLC	4937 STE 200 Mills Industrial Pkwy North Ridgeville, Oh 44039	700018101188
✓67	Veite James L Trustee	34435 Mills Rd North Ridgeville, Oh 44039	700018101086
✓68	RLG Cleveland II LLC	4940 Mills Industrial Pkwy North Ridgeville, Oh 44039	700018101198

LINE	ADJACENT PROPERTY OWNER	ADDRESS	PARCEL NUMBER
✓ 69	Minute Neva L & Garry R Trustees	33851 Center Ridge Rd North Ridgeville, Oh 44039	700008116036
✓ 70	Haverhill Holdings Limited & North Ridgeville Plaza X LLC	33799 Center Ridge Rd North Ridgeville, Oh 44039	700008116038
✓ 71	Haverhill Holdings Limited & North Ridgeville Plaza X LLC	33701 Center Ridge Rd North Ridgeville, Oh 44039	700008116040
✓ 72	Hall Robert L Jr & Hall Maureen B	33806 Center Ridge Rd North Ridgeville, Oh 44039	700008117089
✓ 73	Exchangeright Net Leased Portfolio 16 DST	33760 Center Ridge Rd North Ridgeville, Oh 44039	700008117091
✓ 74	Diederich Loyola Trustee	38599 Center Ridge Rd North Ridgeville, Oh 44039	700046108051
75	LCN RDL Cleveland Oh LLC	7501 Performance Ln North Ridgeville, Oh 44039	700046108062
✓ 76	SUGAR RIDGE BAPTIST	36600 SUGAR RIDGE RD. N.R. OH. 44039	700026102005
✓ 77	MICHAEL & SANDRA VROOMAN	36455 SUGAR RIDGE RD. N.R. OH. 44039	700026102007
✓ 78	MELANIE BENDER	36498 UNIT 2 SUGAR RIDGE RD. N.R. OH. 44039	700026701002
✓ 79	LAKE RIDGE HOLDINGS LTD	38660 CENTER RIDGE RD. N.R. OH. 44039	700046107020



City of North Ridgeville

7307 Avon Belden Rd

North Ridgeville, OH 44039

Ph: (440) 353-0822

Fax: (440) 353-0823

RECEIPT NUMBER

00005971

Paid By

MAS-TEC NORTH AMERICA

7300 NORTHFIELD ROAD

Bedford, OH 44146

10/17/2019

Type	Record	Category	Description	Amount
PZE Process	PPZ2019-0025	Standard Item	Planning Commission: Single L	\$ 180.00
PZE Process	PPZ2019-0025	Standard Item	Administrative Fee	\$ 5.00

VICTORY LANE RD
0700003900002

Total	\$ 185.00
Cash	
Check	\$ 185.00
Check #	30640
Credit	
Transferred	
Tendered	\$ 185.00
Change	\$ 0.00
To Overpayment	\$ 0.00

**CITY OF NORTH RIDGEVILLE PLANNING COMMISSION
RECOMMENDATIONS**

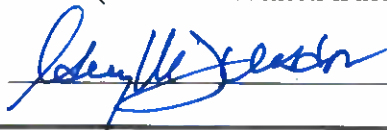
Name of Applicant:	John F. Bokisa – MCI - Metro
Name of Owner:	City Of North Ridgeville
Date Submitted for Consideration:	10-17-19
Date to Return to Planning Commission:	10-18-19
Regarding: Installation of fiber optic cable and conduit in R.O.W. – various locations in North Ridgeville	

RECOMMENDATIONS:

1240.08 Essential Services exempt under the Zoning Code however Planning Commission approval required.
Recommend indemnification for the City of North Ridgeville, in case City accidently damages fiber optic cable.

(use additional sheets if necessary)

Department Head Signature & Title: _____

 CBO

Form prepared by the Office of the Clerk of Council 6-30-99. Amended 12-13-2005.

Comments and recommendations by Administrative Officers, if any, shall be forwarded to the Commission Secretary not later than five (5) business days prior to the Commission meeting at which action is scheduled to be taken on the matter. (Planning Commission By-Laws, Article V, Section 3)

Comments received after the deadline will be distributed to the Members the night of the meeting.

**CITY OF NORTH RIDGEVILLE PLANNING COMMISSION
RECOMMENDATIONS**

Name of Applicant:	John F. Bokisa; MCI-Metro 12300 Ridge Rd, North Royalton, OH 44133
Name of Owner:	City of North Ridgeville – right-of-way; 7307 Avon Belden Rd
Date of Planning Commission Meeting:	Tuesday, November 12, 2019
Date to Return to Deputy Clerk of Council:	Thursday, October 31, 2019

Regarding: Installation of fiber optic cable and conduit in the right-of-way at various locations in North Ridgeville

Recommendations:



(Use additional sheets if necessary.)

Department Head Signature: _____ **Title:** Mayor

Form prepared by the Office of the Clerk of Council 06-30-1999. Amended 05-30-2019.

Comments and recommendations by Administrative Officers, if any, shall be forwarded to the Commission Secretary not later than five (5) business days prior to the Commission meeting at which action is scheduled to be taken on the matter.
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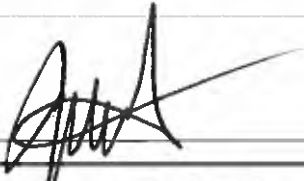
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Recommendations:

(Use additional sheets if necessary.)

Department Head Signature:  Title: Safety-Service Director

Form prepared by the Office of the Clerk of Council 06-30-1999. Amended 05-30-2019.

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**CITY OF NORTH RIDGEVILLE PLANNING COMMISSION
RECOMMENDATIONS**

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Name of Owner:	City of North Ridgeville – right-of-way; 7307 Avon Belden Rd
Date of Planning Commission Meeting:	Tuesday, November 12, 2019
Date to Return to Deputy Clerk of Council:	Thursday, October 31, 2019
Regarding:	Installation of fiber optic cable and conduit in the right-of-way at various locations in North Ridgeville

Recommendations:

1. MCI-Metro Site Code : 1906CRZO(0184) - No comment.
2. MCI-Metro Site Code : 1902CHEQ(0726) - This installation cannot take place at this time. It is located in the R/W of Center Ridge Road, currently in the control of ODOT. Installation may move forward after completion of the Center Ridge Road Widening Project.
3. MCI-Metro Site Code : 1906CRZP(0183) - This installation cannot take place at this time. It is located in the R/W of Center Ridge Road and Emerald Street, currently in the control of ODOT. Installation may move forward after completion of the Center Ridge Road Widening Project.
4. MCI-Metro Site Code : 1906CRZP(0181) - This installation cannot take place at this time. It is located in the R/W of Center Ridge Road, currently in the control of ODOT. Installation may move forward after completion of the Center Ridge Road Widening Project.
5. MCI-Metro Site Code : 1902CHEQ(0109) - No comment.
6. MCI-Metro Site Code : 1902CRZP(0180) - No comment.
7. MCI-Metro Site Code : 1902CHEM(0777) - This installation cannot take place at this time. It is located in the vicinity of an on going bridge reconstruction project. Once the bridge reconstruction project is complete this installation may move forward.

(Use additional sheets if necessary.)

Department Head Signature: _____



Title: City Engineer

Form prepared by the Office of the Clerk of Council 06-30-1999. Amended 05-30-2019.

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MCImetro
ACCESS TRANSMISSION SERVICES CORP



OUTSIDE PLANT CONSTRUCTION

ENGINEERING SERVICES

WESTLAKE_FDA003 NRGV UG CONST PHASE II

NORTH RIDGEVILLE, OH

UNDERGROUND CONDUIT INSTALLATION

RIGHT-OF-WAY CONSTRUCTION PERMIT

MCI PERMIT NUMBER: 1902CHEQ_ROW_NRGV_0109
SITE CODE: 1902CHEQ



PROJECT STATUS: PERMITTING
STATUS DATE: 09/25/2019



SHEET INDEX

GENERAL PROJECT INFORMATION (A-SERIES)

COVER SHEET	A-00
SHEET INDEX	A-01
PROJECT OVERVIEW	A-02
SYMBOL KEY	A-03

CONTACT INFORMATION (B-SERIES)

CONTACT INFORMATION SHEET	B-01
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CONSTRUCTION PLANS (C-SERIES)

SITE PLAN SHEETS	C-01 - C-03
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STANDARD NOTES & DETAILS (D-SERIES)

GENERAL NOTES	D-01 - D-02
CONSTRUCTION DETAIL DRAWINGS	D-03 - D-04

SPECIFIC NOTES & DETAILS (E-SERIES)

INSTALLATION IMAGES	E-01 - E-02
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ADDITIONAL INFORMATION (F-SERIES)

TRAFFIC CONTROL TYPICALS	F-01 - F-02
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PROJECT:		
PROJECT ID NUMBER		
1902CHEQ ROW NRGV 0109		
PERMITTING ENTITY		
CITY OF NORTH RIDGEVILLE		
PROJECT LOCATION		
NORTH RIDGEVILLE, OH		
McImetro ACCESS TRANSMISSION SERVICES, CORP Mastec OUTSIDE PLANT CONSTRUCTION WESTLAKE_FDA003 NRGV UG CONST PHASE II UNDERGROUND CONDUIT INSTALLATION		
FORESITE group ForeSite Group, LLC 3800 E. Center Campus Dr. Suite 400 Austin, TX 78704 www.fs-grp.net © 1994-2027 2024 314.467.3004 314.467.3004		
STATE OF OHIO ADRIAN D. ROZEN 78080 09-26-19 REGISTERED PROFESSIONAL ENGINEER		
ENGINEER: AB		
DRAWN BY: SD		
REVISIONS		
DATE	DESCRIPTION	INITIAL
EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI COMMUNICATIONS SERVICES, INC., BOTH BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.		
SCALE		
HORIZONTAL: N/A		
VERTICAL: N/A		
SHEET: A-01		

PROJECT OVERVIEW



PROJECT SCOPE

ADDRESS RANGE TABLE

PRIMARY STREET	ADDRESSES	CROSS STREET(S)
VICTORY LN	WEST OF 7725	LORAIN RD

PROJECT QUANTITIES

INSTALL	QNTY
2"D CONDUIT (DIRECT. BORE)	607 LF
2"D CONDUIT (MISSILE BORE)	0 LF
2"D CONDUIT (TRENCH)	0 LF
17"X30"X24" VAULT(S)	2
24"X36"X24" VAULT(S)	0
30"X48"X24" VAULT(S)	0
30"X60"X30" VAULT(S)	0
48"X48"X48" MANHOLE(S)	0

PROJECT:

PROJECT ID NUMBER

1902CHEQ ROW NRGV 0109

PERMITTING ENTITY

CITY OF NORTH RIDGEVILLE

PROJECT LOCATION

NORTH RIDGEVILLE, OH

MClmetro

ACCESS TRANSMISSION SERVICES, CORP

Mastec

OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA003 NRGV UG CONST PHASE II

UNDERGROUND CONDUIT INSTALLATION

FORESITEgroup

ForeSite Group, LLC
3000 E. Center Channel Dr.
Suite 400
Austin, TX 78702
www.fs-group.com
P: 512.334.8827
F: 512.334.8827

STATE OF OHIO

ADRIAN D. ROZEN
78080

09-26-19

REGISTERED PROFESSIONAL ENGINEER

ENGINEER: AB

DRAWN BY: SD

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: A-02

SYMBOL KEY

MCI PROPOSED CONSTRUCTION

	DIRECTIONAL BORE/MISSILE BORE
	OPEN TRENCH
	17"X30"X24" VAULT
	24"X36"X24" VAULT
	30"X48"X24" VAULT
	30"X60"X30" VAULT
	BORE PIT
	48"X48"X48" MANHOLE
	SPLICE ENCLOSURE

MCI EXISTING/FUTURE CONSTRUCTION

	EXISTING MCI METRO CONDUIT
	EXISTING MCI METRO VAULT
	FUTURE MCI METRO CONDUIT
	FUTURE 17"X30"X24" VAULT
	FUTURE 24"X36"X24" VAULT
	FUTURE 30"X48"X24" VAULT
	FUTURE 36"X60"X36" VAULT

OTHER UTILITIES

	WATER LINE
	FIRE HYDRANT
	WATER VALVE
	WATER METER
	STORMWATER LINE
	STORMWATER ACCESS
	STORMWATER CATCH BASIN
	WASTEWATER LINE
	WASTEWATER MANHOLE
	OVERHEAD POWER LINE
	UNDERGROUND POWER LINE
	POWER TRANSFORMER
	POWER MANHOLE
	POWER JUNCTION BOX
	POWER CABINET
	POWER VAULT
	POLE
	STREET LIGHT
	TRAFFIC LIGHT

OTHER UTILITIES

	GAS LINE
	GAS METER
	GAS VALVE
	TELECOM LINE
	TELECOM MANHOLE
	TELECOM CABINET
	TELECOM VAULT
	UNKNOWN MANHOLE
	UNKNOWN VAULT

PLANIMETRICS

	SIDEWALK
	EDGE OF PAVEMENT
	BACK OF CURB
	RIGHT OF WAY
	STREET CENTERLINE
	TREE

PROJECT:
PROJECT ID NUMBER
1902CHEQ ROW NRGV 0109
PERMITTING ENTITY
CITY OF NORTH RIDGEVILLE
PROJECT LOCATION
NORTH RIDGEVILLE, OH

MCI metro

ACCESS TRANSMISSION SERVICES, CORP

OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA003 NRGV UG CONST PHASE II

UNDERGROUND CONDUIT INSTALLATION

FORESITE group

ForeSite Group, LLC
3000 E. Center Campus Rd.
Suite 400
Austin, TX 78704
www.foresite.net
o 1 304.557.8084
t 512 336.0700

STATE OF OHIO

ADRIAN D. ROZEN 78080

09-26-19

REGISTERED PROFESSIONAL ENGINEER

ENGINEER: AB		
DRAWN BY: SD		
REVISIONS		
DATE	DESCRIPTION	INITIAL

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SCALE	
HORIZONTAL:	N/A
VERTICAL:	N/A

SHEET: A-03

CONTACT INFORMATION

MCI METRO INC.

OUTSIDE PLANT ENGINEERING:

SENIOR PROJECT ENGINEER: PATRICK WEAVER	(412)290-6995
PROJECT ENGINEER: JEFF KADUSKY	(330)819-1444
PROJECT MANAGER: DAVID GROSS	(216)462-2281

RIGHT-OF-WAY:

MANAGER: AARON CORNISH	(972)457-8360
---------------------------	---------------

ENGINEERING CONTRACTOR:

NAME OF FIRM: FORESITE GROUP	
PROJECT MANAGER: JAMES POHLOD	(310)351-1030
PROJECT ENGINEER: ARNALDO BLANCO ADRIAN ROZEN	(787)349-2960 (813)549-3250

CONSTRUCTION CONTRACTOR:

NAME OF FIRM: MASTEC	
PROJECT MANAGER: DAN KUCHES	(984)218-3122
PROJECT SUPERVISOR: BRIAN ANDERSON	(216)212-2498

UTILITIES

MCI UTILITY LOCATE	1-(800)624-9675
ONE CALL SYSTEM (UTILITY LOCATES)	
AT&T OHIO: JOHN GARRITY	(262)896-6552
BRAINARD GAS CORPORATION: TBD	(440)437-8600
CENTURYTEL/CENTURYLINK: TBD	TBD
CLEVELAND ELECTRIC ILLUMINATING: REBECCA H	(440)546-8744
PEPPERS CLEVELAND PUBLIC POWER: CHRIS HIRZEL	(216)420-7704.122
CLEVELAND-CUYAHOGA COUNTY PORT AUTHORITY:	(216)241-8004
TBD COLUMBIA GAS OF OHIO, INC.: TBD	TBD
CONSUMERS GAS CORPORATIVE: DAN BURKHART	(330)682-4144
DOMINION EAST OHIO: TBD	TBD
FIBER TECHNOLOGIES NETWORKS LLC: NICOLE	(585)697-5130
WALKER FRONTIER/NORTH: TAMMY ALBRIGHT	TBD
GRANGER ENERGY OF LAKE COUNTY: TBD	(517)372-2800
KNOX ENERGY COOPERATIVE ASSOCIATION, INC: TBD	(330)498-9130
NORTHEAST OHIO NATURAL GAS CORPORATION: TBD	1-(800)237-2099
OHIO EDISON: AMANDA RICHARDSON	1-(800)633-4766
OHIO RURAL NATURAL GAS COOPERATIVE: TBD	(440)255-5198
ORWELL NATURAL GAS COMPANY: TBD	TBD
PAINESVILLE ELECTRIC: J. MCHUGH	(440)392-5926
SUMMIT COUNTY PORT AUTHORITY: LORI SALLAZ	(330)762-4776
SUNESYS-NOW CROWN CASTLE FIBER: TBD	TBD
WINDSTREAM/OHIO: TBD	TBD
WINDSTREAMWESTERNRESERVE: TBD	TBD

PROJECT:

PROJECT ID NUMBER

1902CHEQ ROW NRGV 0109

PERMITTING ENTITY

CITY OF NORTH RIDGEVILLE

PROJECT LOCATION

NORTH RIDGEVILLE, OH

MCI metro
ACCESS TRANSMISSION SERVICES, CORP
Mastec
OUTSIDE PLANT CONSTRUCTION
WESTLAKE_FDA003 NRGV UG CONST PHASE II
UNDERGROUND CONDUIT INSTALLATION

FORESITE group
Foresite Group, LLC
3000 E. Center Campus Dr.
Suite 400
Austin, TX 78702
www.fs-grp.net
613.534.5577
613.534.5577
613.534.5577

STATE OF OHIO
ADRIAN D. ROZEN
78080
09-26-19
REGISTERED PROFESSIONAL ENGINEER

ENGINEER: AB

DRAWN BY: SD

REVISIONS

DATE	DESCRIPTION	INITIAL

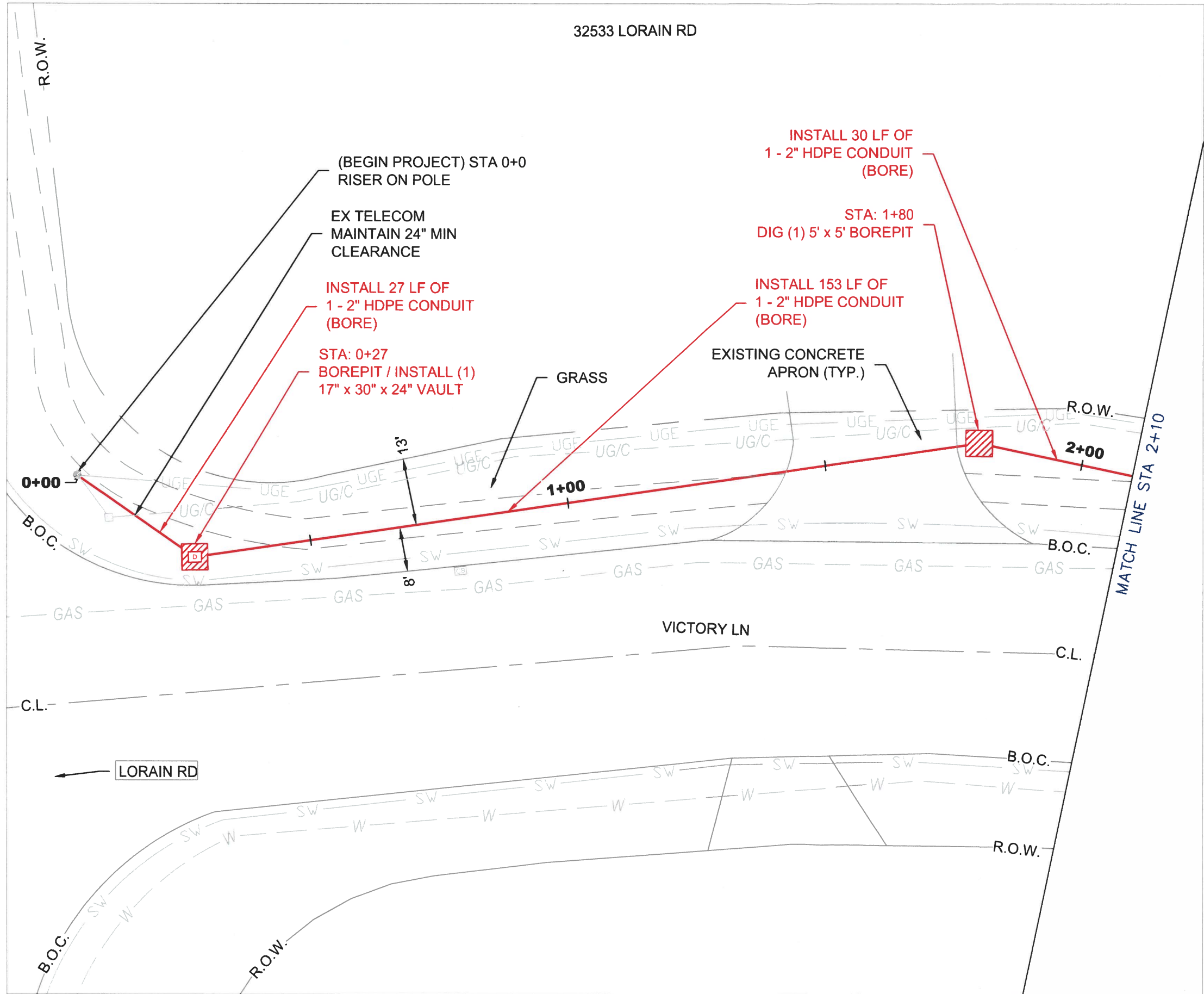
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SCALE

HORIZONTAL: N/A

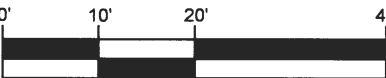
VERTICAL: N/A

SHEET: B-01



LEGEND:

- BORE/MISSILE BORE
- OPEN TRENCH
- SIDEWALK
- E.O.P. ——— EDGE OF PAVEMENT
- B.O.C. ——— BACK OF CURB
- R.O.W. ——— RIGHT OF WAY
- C.L. ——— STREET CENTERLINE
- POTHOLE LOCATION

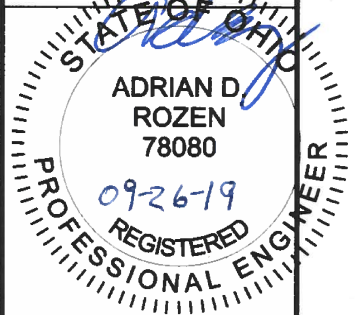


PROJECT:

PROJECT ID NUMBER
1902CHEQ ROW NRGV 0109
PERMITTING ENTITY
CITY OF NORTH RIDGEVILLE
PROJECT LOCATION
NORTH RIDGEVILLE, OH

ACCESS TRANSMISSION SERVICES, CORP
Mastec
OUTSIDE PLANT CONSTRUCTION
WESTLAKE_FDA003 NRGV UG CONST PHASE II
UNDERGROUND CONDUIT INSTALLATION

FORESITE group
ForeSite Group, LLC
3900 E. Center Campus St.
Austin, TX 78704
www.fs-geo.net
t 1-855-887-6264
f 512-345-8900



ENGINEER: AB

DRAWN BY: SD

REVISIONS

DATE	DESCRIPTION	INITIAL

SCALE

HORIZONTAL: 1" = 20'
VERTICAL: N/A

SHEET: C-01

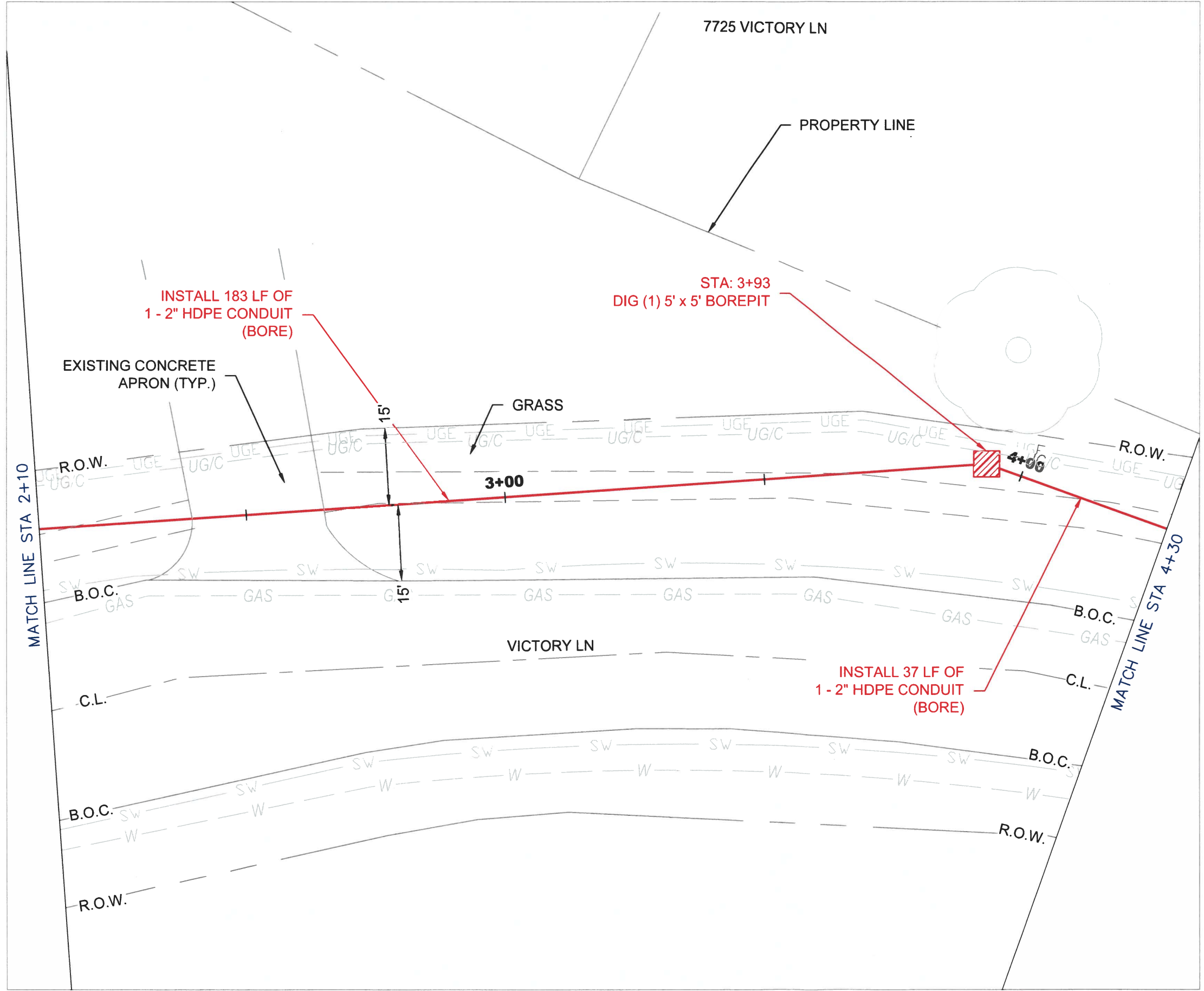
UTILITY DATA NOT AVAILABLE AT THE TIME OF SUBMITTAL. CONTRACTOR TO COORDINATE WITH OUPS AND CALL FOR LOCATES BEFORE ANY CONSTRUCTION TAKES PLACE.

NOTE TO CONTRACTOR:
ANY BOREPITS DUG NEXT TO DRIPLINE OF AN EXISTING TREE TO BE DUG USING HYDRO VACUUM EXCAVATION.

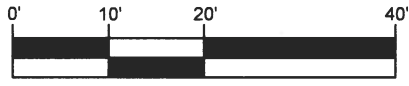
CAUTION!!
ANY DISTURBANCE TO INFRASTRUCTURE WITHIN 15 FEET OF ADA RAMP WILL REQUIRE ENTIRE RAMP TO BE REPAIRED IN ACCORDANCE WITH ALL REQUIRED ADA STANDARDS AND SPECIFICATIONS.

CONTRACTOR TO PLACE UTILITY WITH A MINIMUM OF 36 INCHES OF COVER WHEN UNOBSTRUCTED. CONTRACTOR TO MAINTAIN 24 INCHES OF SEPARATION FROM OTHER UTILITIES. DEPTH TO BE ADJUSTED ACCORDINGLY.

UTILITY LOCATIONS SHOWN ON THIS PLAN ARE BASED ON DOCUMENT RESEARCH AND FIELD EVALUATION. THE INFORMATION MAY NOT BE ACCURATE OR COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PHYSICALLY LOCATE AND VERIFY LOCATION AND DEPTH OF ALL UTILITIES WITHIN CONSTRUCTION PATH. ALL INSTALLATIONS MUST COMPLY WITH MINIMUM HORIZONTAL AND VERTICAL CLEARANCES FROM UTILITIES.



- LEGEND:**
- BORE/MISSILE BORE
 - OPEN TRENCH
 - SIDEWALK
 - E.O.P. ——— EDGE OF PAVEMENT
 - B.O.C. ——— BACK OF CURB
 - R.O.W. ——— RIGHT OF WAY
 - C.L. ——— STREET CENTERLINE
 - POTHOLE LOCATION



PROJECT:

PROJECT ID NUMBER
1902CHEQ_ROW_NRGV_0109

PERMITTING ENTITY
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION
NORTH RIDGEVILLE, OH

MCimetro
ACCESS TRANSMISSION SERVICES, CORP

Mastec
OUTSIDE PLANT CONSTRUCTION
WESTLAKE_FDA003 NRGV UG CONST PHASE II
UNDERGROUND CONDUIT INSTALLATION

FORESITE
group

ForeSite Group, LLC
30000 E. Center, Columbus, OH 43260
614.403.1000
www.fs-group.com

STATE OF OHIO
ADRIAN D. ROZEN
78080
09-26-19
REGISTERED PROFESSIONAL ENGINEER

ENGINEER: AB

DRAWN BY: SD

REVISIONS		
DATE	DESCRIPTION	INITIAL

SCALE

HORIZONTAL: 1" = 20'

VERTICAL: N/A

SHEET: C-02

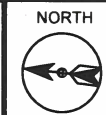
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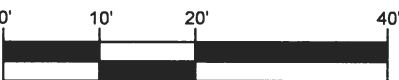
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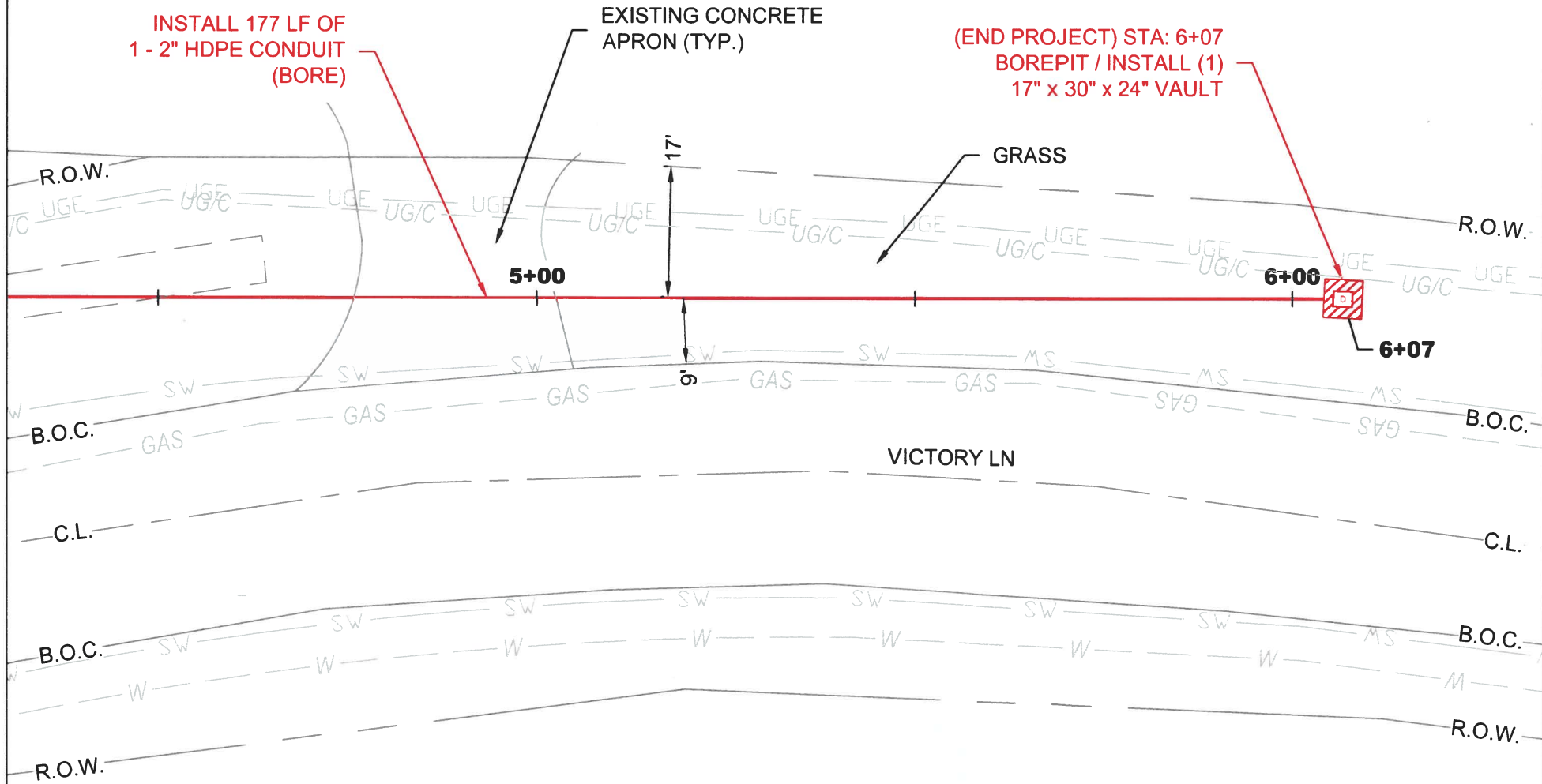


LEGEND:

- BORE/MISSILE BORE
- OPEN TRENCH
- SIDEWALK
- E.O.P. ——— EDGE OF PAVEMENT
- B.O.C. ——— BACK OF CURB
- R.O.W. ——— RIGHT OF WAY
- C.L. ——— STREET CENTERLINE
- POTHOLE LOCATION



MATCH LINE STA 4+30



UTILITY DATA NOT AVAILABLE AT THE TIME OF SUBMITTAL. CONTRACTOR TO COORDINATE WITH OUPS AND CALL FOR LOCATES BEFORE ANY CONSTRUCTION TAKES PLACE.

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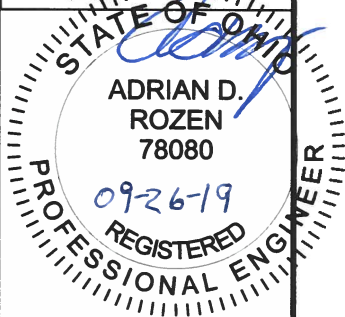
PROJECT:

PROJECT ID NUMBER
1902CHEQ_ROW_NRGV_0109
PERMITTING ENTITY
CITY OF NORTH RIDGEVILLE
PROJECT LOCATION
NORTH RIDGEVILLE, OH

Mcimetro
ACCESS TRANSMISSION SERVICES, CORP
Mastec
OUTSIDE PLANT CONSTRUCTION
WESTLAKE_FDA003 NRGV UG CONST PHASE II
UNDERGROUND CONDUIT INSTALLATION

FORESITE
group

Foresite Group, LLC
5000 E. Channing Avenue, Ste. 100
Austin, TX 78752
P | 512.453.8800
F | 512.453.8801
E | info@foresitegroup.com
W | www.foresitegroup.com



ENGINEER: AB

DRAWN BY: SD

REVISIONS

DATE	DESCRIPTION	INITIAL

SCALE

HORIZONTAL: 1" = 20'

VERTICAL: N/A

SHEET: C-03

MCI METRO GENERAL NOTES AND REQUIREMENTS

GENERAL NOTES

1. MCI COMPRISES THE FOLLOWING OPERATING ENTITIES:
 - MCI COMMUNICATIONS SERVICES, INC.
 - MCI METRO ACCESS TRANSMISSION SERVICES, LLC
 - MCI METRO ACCESS TRANSMISSION SERVICES OF VIRGINIA, INC.
 - MCI METRO ACCESS TRANSMISSION SERVICES OF MASSACHUSETTS, INC.
 - METROPOLITAN FIBER SYSTEMS OF NEW YORK, INC.
2. ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS OF ANY REGULATING GOVERNMENTAL AGENCY, MCI METRO, 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 ARE 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 SITE PLAN. ANY AND ALL OTHERS ENCOUNTERED ARE ALSO THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, PROTECT, AND REPAIR, IF DAMAGED.
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 CONDITIONS.
7. EQUIPMENT TYPES SPECIFIED HEREIN (ie: "BACKHOE", "SWAMP PLOW", ETC.) ARE SUGGESTIONS ONLY AND ARE NOT INTENDED AS REQUIREMENTS. CONTRACTOR WILL BE NOTIFIED AS TO EXCEPTIONS.

MCI OSP CONSTRUCTION GENERAL REQUIREMENTS

- ALL FEDERAL, STATE AND LOCAL SAFETY REGULATIONS MUST BE FOLLOWED WITHOUT EXCEPTION.
- PERSONAL PROTECTIVE EQUIPMENT APPROPRIATE FOR THE SPECIFIC WORK SITE SHALL BE USED AT ALL TIMES. AT A MINIMUM, HARD HAT, SAFETY SHOES/STEEL-TOED BOOTS, AND FLORESCENT ORANGE OR GREEN WORK VEST ARE REQUIRED UPON ENTERING ANY MCI WORK SITE.
- USE OF INTOXICANTS, DRUGS, INHALANTS OR ANY OTHER SUBSTANCES THAT MAY IMPAIR ALERTNESS ARE STRICTLY PROHIBITED.
- CONTRACTORS ARE NOT ALLOWED TO CUT ANY CABLE. CABLES SCHEDULED FOR REMOVAL WILL BE CUT BY MCI OPERATIONS PERSONNEL, AND ONLY AFTER VERIFICATION THAT ALL TRAFFIC HAS BEEN OFF-LOADED.
- EXTREME CAUTION MUST BE USED AT ALL TIMES WHEN WORKING ON OR NEAR ACTIVE CABLES. AN MCI EMPLOYEE OR CONTRACT REPRESENTATIVE MUST APPROVE AND BE PRESENT PRIOR TO AND DURING ALL CABLE HANDLING ACTIVITIES.
- TOOLS AND EQUIPMENT SPECIFICALLY DESIGNED FOR THE JOB AT HAND ARE REQUIRED. USE THE PROPER TOOL FOR THE JOB.
- CONDUIT WORK INVOLVING ACTIVE CABLES REQUIRES SPECIALIZED TOOLS SPECIFICALLY DESIGNED TO ACCESS DUCTS WITH ACTIVE CABLES.
- PROTECTING MCI FACILITIES IS EXTREMELY IMPORTANT; HOWEVER, SAFETY REGARDING YOURSELF AND OTHERS IS THE MOST IMPORTANT PART OF ANY PROJECT.

PROJECT:

PROJECT ID NUMBER
1902CHEQ_ROW_NRGV_0109

PERMITTING ENTITY
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION
NORTH RIDGEVILLE, OH

MCI metro

ACCESS TRANSMISSION SERVICES, CORP

Mastec

OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA003_NRGV_UG_CONST_PHASE II

UNDERGROUND CONDUIT INSTALLATION

FORESITE group

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3000 E. Center Channel Dr.
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Austin, TX 78702

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STATE OF OHIO

ADRIAN D. ROZEN
78080

09-26-19

REGISTERED PROFESSIONAL ENGINEER

ENGINEER: AB

DRAWN BY: SD

REVISIONS		
DATE	DESCRIPTION	INITIAL

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SCALE
HORIZONTAL: N/A
VERTICAL: N/A

SHEET: D-01

MCI METRO GENERAL NOTES AND REQUIREMENTS

CONSTRUCTION NOTES

1. ALL CONDUIT WILL BE 4" ID SCHEDULE 40 (i.e. PVC OR BSP/GSP, MANUFACTURED SPLIT PVC OR SPLIT BSP/GSP), UNLESS SPECIFIED OTHERWISE.
2. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. SEE CONTACT SHEET FOR CONTACT NAME AND TELEPHONE NUMBER.
3. ALL UNDERGROUND OBSTRUCTIONS, WHEN LOCATED, WILL REQUIRE THE PLACEMENT OF A BURIED CABLE MARKER AND THE PLACEMENT OF 4' MANUFACTURED SPLIT PVC, BSP/GSP OVER OR UNDER EACH OBSTRUCTION.
4. SHORING MAY BE REQUIRED AND SHALL COMPLY WITH O.S.H.A. STANDARDS.
5. ALL BURIED CONDUIT/CABLE WILL BE PLACED AT 42" MINIMUM COVER UNLESS SPECIFIED OTHERWISE ON THE CONSTRUCTION DRAWINGS.
6. MECHANICAL PROTECTION SHALL BE REQUIRED ANYTIME A 36" MINIMUM COVER IS UNOBTAINABLE UNLESS SPECIFIED OTHERWISE ON THE CONSTRUCTION DRAWINGS.
7. ALL 90 DEGREE BENDS IN CONDUIT CONSTRUCTION WILL BE A MINIMUM 38.2" RADIUS UNLESS SPECIFIED OTHERWISE. ALL SPLIT CONDUIT BENDS AND SOLID PVC BENDS SHALL REQUIRE CONCRETE ENCASEMENT, UNLESS SPECIFIED OTHERWISE.
8. OPERATIONS PERSONNEL TO BE CONTACTED BY THE CONTRACTOR 48 HOURS PRIOR TO CONSTRUCTION. SEE CONTACT SHEET FOR CONTACT NAME AND TELEPHONE NUMBER.
9. ALL STATIONING IS BASED ON AS-BUILT INFORMATION, THEREFORE SOME VARIANCE SHOULD BE ANTICIPATED. ADJUST AS NEEDED.
10. RAILROAD COMMUNICATION AND SIGNAL CABLES TO BE LOCATED PRIOR TO THE CONSTRUCTION ACTIVITY. RAILROAD TO BE GIVEN 48 HOURS NOTICE PRIOR TO CONSTRUCTION.
11. ALL BURIED CABLE MARKER POSTS AND HARDWARE PLACED AND/OR REMOVED ON ALL NEW AND EXISTING ROUTES SHALL BE IMPLEMENTED AS FOLLOWS.

ON THOSE ROUTES THAT ARE CONSIDERED TO BE IN A NORTH TO SOUTH GEOGRAPHICAL ORIENTATION, THE SOUTHERN-MOST SIGN AND POST SHOULD BE REMOVED. FOR NEW ROUTES BEING CONSTRUCTED, ONE SIGN POST WILL BE PLACED AT THE NORTH END OF EACH HANDHOLE.

ON THOSE ROUTES THAT ARE CONSIDERED TO BE IN AN EAST TO WEST GEOGRAPHICAL ORIENTATION, THE WESTERN-MOST SIGN AND POST SHOULD BE REMOVED. FOR NEW ROUTES BEING CONSTRUCTED, ONE SIGN POST WILL BE PLACED AT THE EAST END OF THE EACH HANDHOLE.

FIBER OPTIC CABLE UNCOVERING SYSTEM

1. THE TITLE OF THIS PROGRAM, F.O.C.U.S., AN ACRONYM FOR "FIBER OPTIC CABLE UNCOVERING SYSTEM," WAS SELECTED TO REMIND EVERYONE INVOLVED WITH WORKING NEAR MCI'S ACTIVE FIBER OPTIC SYSTEMS TO FOCUS ON PROTECTING THE FACILITIES. IF, DURING THE COURSE OF THE PROJECT, YOU NOTICE ANY ACTIVITY WHICH MAY JEOPARDIZE THE MCI OSP FACILITIES, IT IS YOUR DUTY TO STOP THE WORK AND RE-F.O.C.U.S.
2. F.O.C.U.S. RULES MUST BE FOLLOWED ON ALL MCI PROJECTS INVOLVING WORK ON OR NEAR MCI OSP FACILITIES. SAFETY IS MCI'S NUMBER ONE PRIORITY; EVERYONE MUST REFRAIN FROM UNSAFE AND IMPROPER PRACTICES.
3. REVIEW OF F.O.C.U.S. IS MANDATORY AT EVERY PRE-BID, PRE-CONSRUCTION SITE MEETING AND DAILY TAILGATE MEETING. F.O.C.U.S. DISCUSSION MUST INCLUDE SITE-SPECIFIC HISTORY, UNIQUE PROBLEMS, FACILITY CONFIGURATIONS THAT MAY BE ENCOUNTERED, AND PAST ERRORS. "THOSE WHO DO NOT LEARN FROM HISTORY ARE DOOMED TO REPEAT IT." DO NOT LET THIS HAPPEN TO YOU.
4. ANY WORK NEAR OR REQUIRING HANDLING OF MCI OUTSIDE PLANT FACILITIES CAN ONLY BE PERFORMED WITH AN MCI EMPLOYEE OR CONTRACT REPRESENTATIVE PRESENT – THIS MEANS OUT OF HIS OR HER VEHICLE AND DIRECTLY MONITORING THE SYSTEM. THE REPRESENTATIVE MUST HAVE A PROPERLY OPERATING CABLE LOCATOR CHECKED FOR ACCURACY EVERY DAY PRIOR TO COMMENCEMENT OF WORK (COMPARISON OF LINE AND DEPTH READINGS TO ACTUAL LINE AND DEPTH OF THE CABLE).
5. LOCATE AND POTHOLE REQUIREMENTS:

PRIOR TO ANY EXCAVATION, THE MCI EMPLOYEE OR CONTRACT REPRESENTATIVE MUST VERIFY THE INITIAL LOCATE MARKS COMPLETED BY MCI OPERATIONS. DO NOT TRUST LOCATE RESULTS COMPLETED BY OTHERS! THE MCI OR CONTRACT REPRESENTATIVE MUST LOCATE THE CABLE RUNNING LINE BY MAKING AT LEAST ONE PASS IN EACH DIRECTION. LOCATE RESULTS MUST THEN BE COMPARED WITH PREVIOUS MARKS AND THE AS-BUILTS.

IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 3 FEET OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POTHOLE (ALL POTHOLES MUST BE COMPLETED BY HAND DIGGING OR VACUUM EXCAVATION) A MINIMUM OF EVERY 15 FT., THEN EXPOSE THE ENTIRE LENGTH OF THE CABLE BY HAND DIGGING OR VACUUM EXCAVATION.

IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 5 FEET (BUT NOT CLOSER THAN 3 FEET) OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POTHOLE THE CABLE A MINIMUM OF EVERY 15 FT.

IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 15 FEET (BUT NOT CLOSER THAN 5 FEET) OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POTHOLE THE CABLE A MINIMUM OF EVERY 30 FT.

THE CABLE WILL ALSO BE POTHOLED AT ANY CHANGE IN THE RUNNING LINE OF MORE THAN 1 FT. IN ANY DIRECTION, ANYTIME THE ACCURACY OF THE ELECTRONIC LOCATE IS QUESTIONED, OR THE MARKED RUNNING LINE DOES NOT MATCH THE AS-BUILTS.
6. EXPOSING REQUIREMENTS:

NO MECHANICAL EXCAVATION WITHIN 3 FT. OF OSP FACILITIES WILL BE ALLOWED UNLESS THE FACILITIES HAVE FIRST BEEN PROPERLY LOCATED, POTHOLED, POSITIVELY IDENTIFIED, CONTINUOUSLY EXPOSED BY HAND DIGGING OR VACUUM EXCAVATION, AND THE FACILITES ARE CLEARLY VISIBLE.

IN ADDITION, MECHANICAL EXCAVATION WITHIN 3 FT. OF OSP FACILITIES REQUIRES ON-SITE PRIOR APPROVAL FROM MCI'S EMPLOYEE OR CONTRACT REPRESENTATIVE.
7. PLEASE REFER TO THE LATEST EDITION OF THE MCI OSP HANDBOOK FOR ADDITIONAL DETAILS. KNOW IT AND FOLLOW IT.

PROJECT:

PROJECT ID NUMBER
1902CHEQ ROW NRGV 0109

PERMITTING ENTITY
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION
NORTH RIDGEVILLE, OH

MCI metro

ACCESS TRANSMISSION SERVICES, CORP

Mastec

OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA003 NRGV UG CONST PHASE II

UNDERGROUND CONDUIT INSTALLATION

FORESITEgroup

ForeSite Group, LLC
5200 E. Casser Circle, St. Louis, MO 63112
314.407.8000

STATE OF OHIO

ADRIAN D. ROZEN
78080

09-26-19

REGISTERED PROFESSIONAL ENGINEER

ENGINEER: AB

DRAWN BY: SD

REVISIONS		
DATE	DESCRIPTION	INITIAL

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SCALE

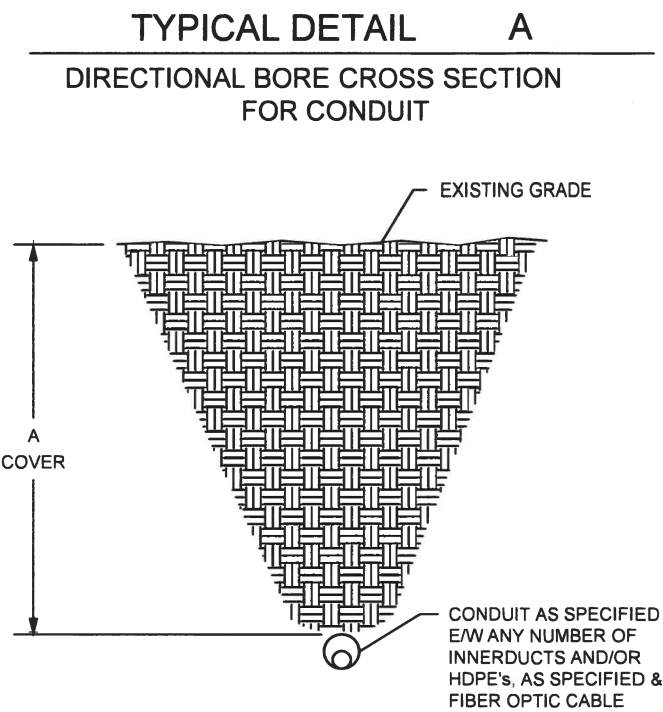
HORIZONTAL: N/A

VERTICAL: N/A

SHEET: D-02

MCI CONSTRUCTION DETAILS/TYPICALS

TYPICAL DIRECTIONAL BORE DETAIL



PROJECT:		
PROJECT ID NUMBER		
1902CHEQ ROW NRGV 0109		
PERMITTING ENTITY		
CITY OF NORTH RIDGEVILLE		
PROJECT LOCATION		
NORTH RIDGEVILLE, OH		
MClmetro ACCESS TRANSMISSION SERVICES, CORP	Mastec OUTSIDE PLANT CONSTRUCTION WESTLAKE_FDA003 NRGV UG CONST PHASE II UNDERGROUND CONDUIT INSTALLATION	
FORESITE group Foresite Group, LLC 3320 E. Center Avenue St. Suite 400 Austin, TX 78702 www.fsg.com (512) 334-8577		
STATE OF OHIO ADRIAN D. ROZEN 78080 09-26-19 REGISTERED PROFESSIONAL ENGINEER		
ENGINEER: AB		
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SCALE		
HORIZONTAL:	N/A	
VERTICAL:	N/A	
SHEET: D-03		

INSTALLATION IMAGES



BEGIN PROJECT AT STATION 0+00

PROJECT:		
PROJECT ID NUMBER		
1902CHEQ_ROW_NRGV_0109		
PERMITTING ENTITY		
CITY OF NORTH RIDGEVILLE		
PROJECT LOCATION		
NORTH RIDGEVILLE, OH		
MCI metro ACCESS TRANSMISSION SERVICES, CORP		
Mastec		
OUTSIDE PLANT CONSTRUCTION		
WESTLAKE_FDA003 NRGV UG CONST PHASE II		
UNDERGROUND CONDUIT INSTALLATION		
FORESITE group Foresite Group, LLC 3020 E. Center Channel Dr. Suite 400 Austin, TX 78702 www.fs-grp.com 302.887.8004 302.887.8004		
STATE OF OHIO ADRIAN D. ROZEN 78080 09-26-19 REGISTERED PROFESSIONAL ENGINEER		
ENGINEER: AB		
DRAWN BY: SD		
REVISIONS		
DATE	DESCRIPTION	INITIAL
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SCALE		
HORIZONTAL:	N/A	
VERTICAL:	N/A	
SHEET: E-01		

INSTALLATION IMAGES



END PROJECT AT STATION 6+07

PROJECT:		
PROJECT ID NUMBER		
1902CHEQ ROW NRGV 0109		
PERMITTING ENTITY		
CITY OF NORTH RIDGEVILLE		
PROJECT LOCATION		
NORTH RIDGEVILLE, OH		
MClmetro ACCESS TRANSMISSION SERVICES, CORP		Mastec OUTSIDE PLANT CONSTRUCTION WESTLAKE_FDA003 NRGV UG CONST PHASE II UNDERGROUND CONDUIT INSTALLATION
FORESITE group Foresite Group, LLC 3000 G Center Channel Dr. Suite 400 Austin, TX 78762 Tel: 512.334.8877 Fax: 512.334.8878		
STATE OF OHIO ADRIAN D. ROZEN 78080 09-26-19 REGISTERED PROFESSIONAL ENGINEER		
ENGINEER: AB		
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SCALE		
HORIZONTAL:		N/A
VERTICAL:		N/A
SHEET: E-02		

TRAFFIC CONTROL PLAN - TYPICAL DETAILS

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2009 Edition

Notes for Figure 6H-1—Typical Application 1 Work Beyond the Shoulder

Guidance:

1. If the work space is in the median of a divided highway, an advance warning sign should also be placed on the left side of the directional roadway.

Option:

2. The ROAD WORK AHEAD sign may be replaced with other appropriate signs such as the SHOULDER WORK sign. The SHOULDER WORK sign may be used for work adjacent to the shoulder.
3. The ROAD WORK AHEAD sign may be omitted where the work space is behind a barrier, more than 24-inches behind the curb, or 15 feet or more from the edge of any roadway.
4. For short-term, short duration or mobile operation, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
5. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

Standard:

6. Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.

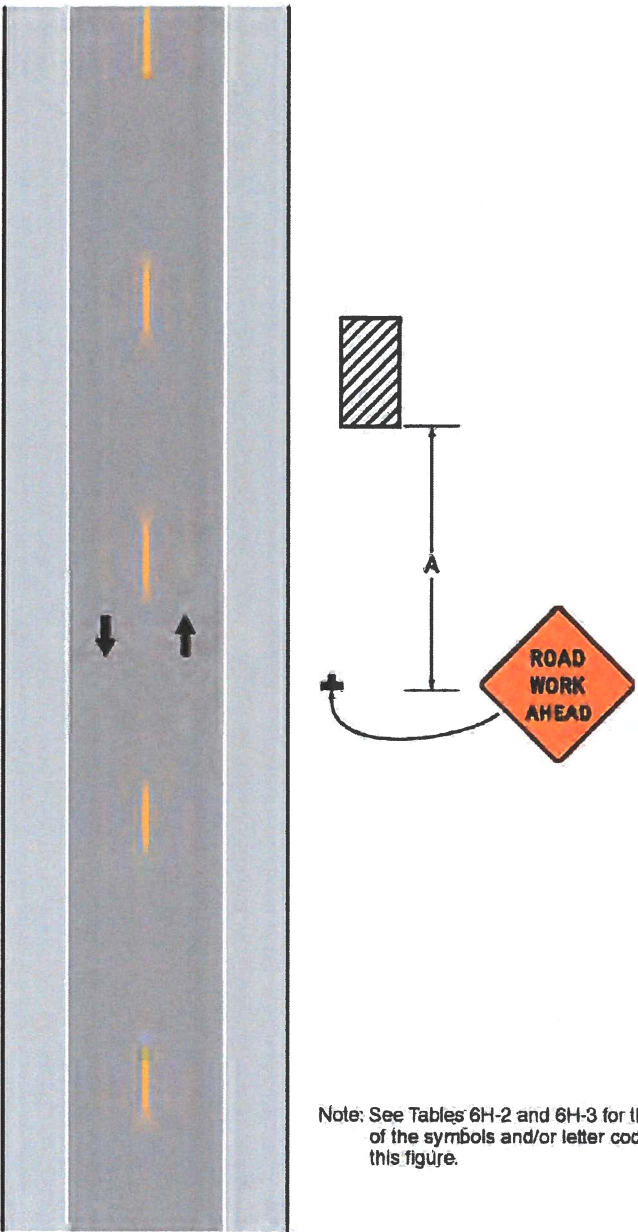
Set. 6H.01

December 2009

2009 Edition

Page 635

Figure 6H-1. Work Beyond the Shoulder (TA-1)



Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Typical Application 1

December 2009

Set. 6H.01

PROJECT:

PROJECT ID NUMBER

1902CHEQ ROW NRGV 0109

PERMITTING ENTITY

CITY OF NORTH RIDGEVILLE

PROJECT LOCATION

NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP

Mastec

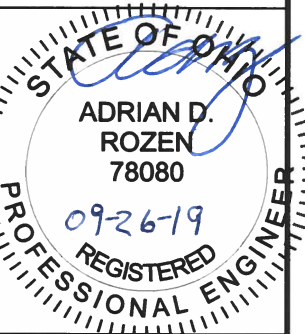
OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA003 NRGV UG CONST PHASE II

UNDERGROUND CONDUIT INSTALLATION

FORESITE
group

Foresite Group, LLC
3500 E. Center Street, Suite 400
Austin, TX 78702
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314.887.8000
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ENGINEER: AB

DRAWN BY: SD

REVISIONS

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: F-01

TRAFFIC CONTROL PLAN - TYPICAL DETAILS

Page 688

2009 Edition

Notes for Figure 6H-28—Typical Application 28 Sidewalk Detour or Diversion

Standard:

1. When crosswalks or other pedestrian facilities are closed or relocated, temporary facilities shall be detectable and shall include accessibility features consistent with the features present in the existing pedestrian facility.

Guidance:

2. Where high speeds are anticipated, a temporary traffic barrier and, if necessary, a crash cushion should be used to separate the temporary sidewalks from vehicular traffic.
3. Audible information devices should be considered where midblock closings and changed crosswalk areas cause inadequate communication to be provided to pedestrians who have visual disabilities.

Option:

4. Street lighting may be considered.
5. Only the TTC devices related to pedestrians are shown. Other devices, such as lane closure signing or ROAD NARROWS signs, may be used to control vehicular traffic.
6. For nighttime closures, Type A Flashing warning lights may be used on barricades that support signs and close sidewalks.
7. Type C Steady-Burn or Type D 360-degree Steady-Burn warning lights may be used on channelizing devices separating the temporary sidewalks from vehicular traffic flow.
8. Signs, such as KEEP RIGHT (LEFT), may be placed along a temporary sidewalk to guide or direct pedestrians.

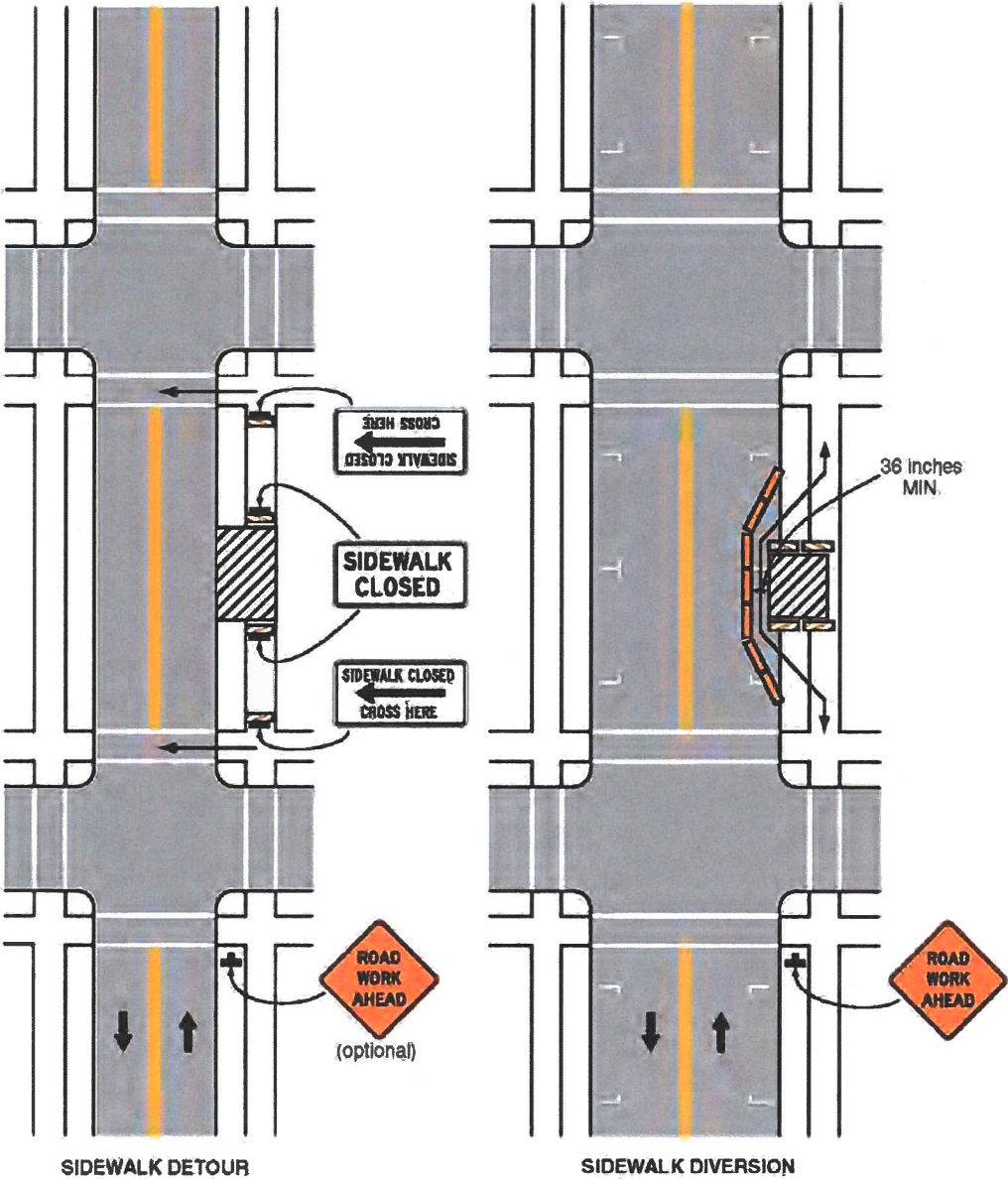
Sect. 6H.01

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2009 Edition

Page 689

Figure 6H-28. Sidewalk Detour or Diversion (TA-28)



Typical Application 28

Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

December 2009

Sect. 6H.01

PROJECT:

PROJECT ID NUMBER:
1902CHEQ ROW NRGV 0109

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP

Mastec
OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA003 NRGV UG CONST PHASE II
UNDERGROUND CONDUIT INSTALLATION

FORESITE
group

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3000 G Center Campus Dr
Austin, TX 78722

ForeSite Group, Inc.
11000 N. Loop West
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Dallas, TX 75243

STATE OF OHIO

ADRIAN D. ROZEN
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09-26-19
REGISTERED
PROFESSIONAL ENGINEER

ENGINEER: AB

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: F-02

TRAFFIC CONTROL PLAN - TYPICAL DETAILS

Table 6H-2. Meaning of Symbols on Typical Application Diagrams

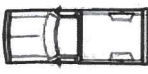
	Arrow board		Shadow vehicle
	Arrow board support or trailer (shown facing down)		Sign (shown facing left)
	Changeable message sign or support trailer		Surveyor
	Channelizing device		Temporary barrier
	Crash cushion		Temporary barrier with warning light
	Direction of temporary traffic detour		Traffic or pedestrian signal
	Direction of traffic		Truck-mounted attenuator
	Flagger		Type 3 barricade
	High-level warning device (Flag tree)		Warning light
	Longitudinal channelizing device		Work space
	Luminaire		Work vehicle
	Pavement markings that should be removed for a long-term project		

Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	100 feet	100 feet	100 feet
Urban (high speed)*	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

* Speed category to be determined by highway agency

** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

Table 6H-4. Formulas for Determining Taper Length

Speed (S)	Taper Length (L) in feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

Where: L = taper length in feet
W = width of offset in feet
S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

PROJECT:

PROJECT ID NUMBER

1902CHEQ ROW NRGV_0109

PERMITTING ENTITY

CITY OF NORTH RIDGEVILLE

PROJECT LOCATION

NORTH RIDGEVILLE, OH

MCI metro

ACCESS TRANSMISSION SERVICES, CORP

Mastec

OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA003 NRGV UG CONST PHASE II

UNDERGROUND CONDUIT INSTALLATION

FORESITE group

ForeSite Group, LLC

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Austin, TX 78702

www.fs-grp.com

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1 314 887 8888

1 314 887 8888

STATE OF OHIO

ADRIAN D. ROZEN

78080

09-26-19

REGISTERED

PROFESSIONAL ENGINEER

ENGINEER: AB

DRAWN BY: SD

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: F-03

MCImetro
ACCESS TRANSMISSION SERVICES CORP

MasTec

OUTSIDE PLANT CONSTRUCTION

FORESITE
group

ENGINEERING SERVICES

WESTLAKE_FDA003 NRGV UG CONST PHASE IV

NORTH RIDGEVILLE, OH

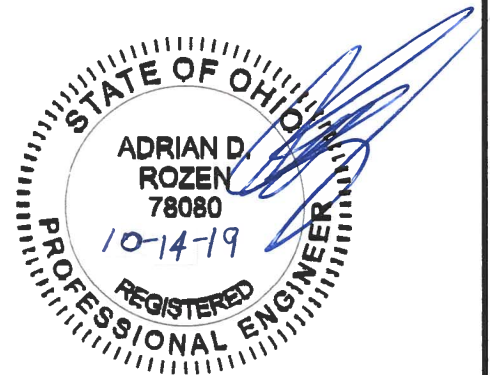
UNDERGROUND CONDUIT INSTALLATION

RIGHT-OF-WAY CONSTRUCTION PERMIT

MCI PERMIT NUMBER: 1902CHEQ_ROW_NRGV_0726
SITE CODE: 1902CHEQ



PROJECT STATUS: PERMITTING
STATUS DATE: 10/14/2019



SHEET INDEX

GENERAL PROJECT INFORMATION (A-SERIES)

COVER SHEET	A-00
SHEET INDEX	A-01
PROJECT OVERVIEW	A-02
SYMBOL KEY	A-03

CONTACT INFORMATION (B-SERIES)

CONTACT INFORMATION SHEET	B-01
---------------------------	------

CONSTRUCTION PLANS (C-SERIES)

SITE PLAN SHEETS	C-01
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STANDARD NOTES & DETAILS (D-SERIES)

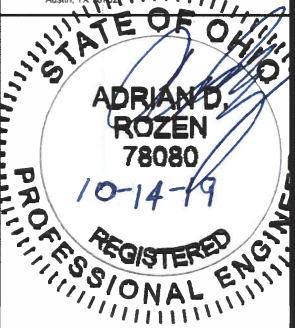
GENERAL NOTES	D-01 - D-02
CONSTRUCTION DETAIL DRAWINGS	D-03 - D-04

SPECIFIC NOTES & DETAILS (E-SERIES)

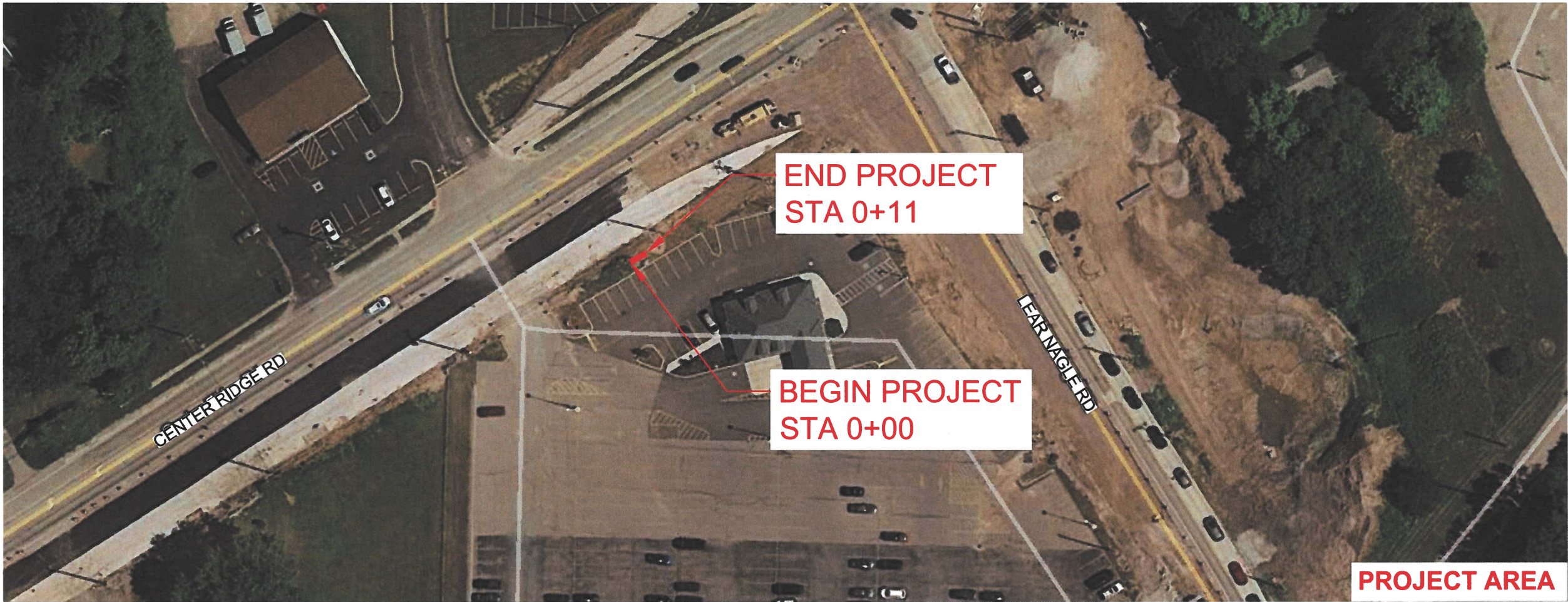
INSTALLATION IMAGES	E-01
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ADDITIONAL INFORMATION (F-SERIES)

TRAFFIC CONTROL TYPICALS	F-01 - F-03
--------------------------	-------------

PROJECT:		
PROJECT ID NUMBER:		
1902CHEQ ROW NRGV 0726		
PERMITTING ENTITY:		
CITY OF NORTH RIDGEVILLE		
PROJECT LOCATION:		
NORTH RIDGEVILLE, OH		
McImetro ACCESS TRANSMISSION SERVICES, CORP	Mastec OUTSIDE PLANT CONSTRUCTION	WESTLAKE_FDA003 NRGV UG CONST PHASE IV UNDERGROUND CONDUIT INSTALLATION
FORESITE group ForeSite Group, LLC 3000 E Cesar Chavez St Suite 400 Austin, TX 78704 www.fs-gc.net t 334.987.6024 f 334.987.6024		
		
ENGINEER: AB		
DRAWN BY: SD		
REVISIONS		
DATE	DESCRIPTION	INITIAL
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SCALE		
HORIZONTAL: N/A		
VERTICAL: N/A		
SHEET: A-01		

PROJECT OVERVIEW



PROJECT SCOPE

ADDRESS RANGE TABLE

PRIMARY STREET	ADDRESSES	CROSS STREET(S)
CENTER RIDGE RD	33755	NONE

PROJECT QUANTITIES

INSTALL	QNTY
2"D CONDUIT (DIRECT. BORE)	0 LF
2"D CONDUIT (MISSILE BORE)	0 LF
2"D CONDUIT (TRENCH)	11 LF
17"X30"X24" VAULT(S)	0
24"X36"X24" VAULT(S)	0
30"X48"X24" VAULT(S)	0
30"X60"X30" VAULT(S)	1
48"X48"X48" MANHOLE(S)	0

PROJECT:

PROJECT ID NUMBER

1902CHEQ ROW NRGV 0726

PERMITTING ENTITY

CITY OF NORTH RIDGEVILLE

PROJECT LOCATION

NORTH RIDGEVILLE, OH

MClmetro

ACCESS TRANSMISSION SERVICES, CORP

Mastec

OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA003 NRGV UG CONST PHASE IV

UNDERGROUND CONDUIT INSTALLATION

FORESITE

group

ForeSite Group, LLC

3000 E Cesar Chavez St

Suite 400

Austin, TX 78701

www.fs-inc.net

334.887.6084

334.887.6024

STATE OF OHIO

ADRIAN D. ROZEN

78080

10-14-19

REGISTERED

PROFESSIONAL ENGINEER

ENGINEER:

AB

DRAWN BY:

SD

REVISIONS

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SCALE

HORIZONTAL:

N/A

VERTICAL:

N/A

SHEET:

A-02

SYMBOL KEY

MCI PROPOSED CONSTRUCTION

	DIRECTIONAL BORE/MISSILE BORE
	OPEN TRENCH
	17"X30"X24" VAULT
	24"X36"X24" VAULT
	30"X48"X24" VAULT
	30"X60"X30" VAULT
	BORE PIT
	48"X48"X48" MANHOLE
	SPLICE ENCLOSURE

MCI EXISTING/FUTURE CONSTRUCTION

	EXISTING MCI METRO CONDUIT
	EXISTING MCI METRO VAULT
	FUTURE MCI METRO CONDUIT
	FUTURE 17"X30"X24" VAULT
	FUTURE 24"X36"X24" VAULT
	FUTURE 30"X48"X24" VAULT
	FUTURE 36"X60"X36" VAULT

OTHER UTILITIES

	WATER LINE
	FIRE HYDRANT
	WATER VALVE
	WATER METER
	STORMWATER LINE
	STORMWATER ACCESS
	STORMWATER CATCH BASIN
	WASTEWATER LINE
	WASTEWATER MANHOLE
	OVERHEAD POWER LINE
	UNDERGROUND POWER LINE
	POWER TRANSFORMER
	POWER MANHOLE
	POWER JUNCTION BOX
	POWER CABINET
	POWER VAULT
	POLE
	STREET LIGHT
	TRAFFIC LIGHT

OTHER UTILITIES

	GAS LINE
	GAS METER
	GAS VALVE
	TELECOM LINE
	TELECOM MANHOLE
	TELECOM CABINET
	TELECOM VAULT
	UNKNOWN MANHOLE
	UNKNOWN VAULT

PLANIMETRICS

	SIDEWALK
	EDGE OF PAVEMENT
	BACK OF CURB
	RIGHT OF WAY
	STREET CENTERLINE
	TREE

PROJECT:

PROJECT ID NUMBER:

1902CHEQ ROW NRGV 0726

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REGISTERED PROFESSIONAL ENGINEER

ENGINEER: AB

DRAWN BY: SD

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: A-03

CONTACT INFORMATION

MCI METRO INC.

OUTSIDE PLANT ENGINEERING:

SENIOR PROJECT ENGINEER: PATRICK WEAVER	(412)290-6995
PROJECT ENGINEER: JEFF KADUSKY	(330)819-1444
PROJECT MANAGER: DAVID GROSS	(216)462-2281

RIGHT-OF-WAY:

MANAGER: AARON CORNISH	(972)457-8360
---------------------------	---------------

ENGINEERING CONTRACTOR:

NAME OF FIRM: FORESITE GROUP	
PROJECT MANAGER: JAMES POHLOD	(310)351-1030
PROJECT ENGINEER: ARNALDO BLANCO ADRIAN ROZEN	(787)349-2960 (813)549-3250

CONSTRUCTION CONTRACTOR:

NAME OF FIRM: MASTEC	
PROJECT MANAGER: DAN KUCHES	(984)218-3122
PROJECT SUPERVISOR: BRIAN ANDERSON	(216)212-2498

UTILITIES

MCI UTILITY LOCATE	1-(800)624-9675
ONE CALL SYSTEM (UTILITY LOCATES)	
AT&T OHIO: JOHN GARRITY	(262)896-6552
BRAINARD GAS CORPORATION: TBD	(440)437-8600
CENTURYTEL/CENTURYLINK: TBD	TBD
CLEVELAND ELECTRIC ILLUMINATING: REBECCA	(440)546-8744
PEPPERS CLEVELAND PUBLIC POWER: CHRIS HIRZEL	(216)420-7704.122
CLEVELAND-CUYAHOGA COUNTY PORT AUTHORITY:	(216)241-8004
TBD COLUMBIA GAS OF OHIO, INC.: TBD	TBD
CONSUMERS GAS CORPORATIVE: DAN BURKHART	(330)682-4144
DOMINION EAST OHIO: TBD	TBD
FIBER TECHNOLOGIES NETWORKS LLC: NICOLE	(585)697-5130
WALKER FRONTIER/NORTH: TAMMY ALBRIGHT	TBD
GRANGER ENERGY OF LAKE COUNTY: TBD	(517)372-2800
KNOX ENERGY COOPERATIVE ASSOCIATION, INC: TBD	(330)498-9130
NORTHEAST OHIO NATURAL GAS CORPORATION: TBD	1-(800)237-2099
OHIO EDISON: AMANDA RICHARDSON	1-(800)633-4766
OHIO RURAL NATURAL GAS COOPERATIVE: TBD	(440)255-5198
ORWELL NATURAL GAS COMPANY: TBD	TBD
PAINESVILLE ELECTRIC: J. MCHUGH	(440)392-5926
SUMMIT COUNTY PORT AUTHORITY: LORI SALLAZ	(330)762-4776
SUNESYS-NOW CROWN CASTLE FIBER: TBD	TBD
WINDSTREAMOHIO: TBD	TBD
WINDSTREAMWESTERNRESERVE: TBD	TBD

PROJECT:

PROJECT ID NUMBER:
1902CHEQ ROW NRGV 0726

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
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MCI metro
ACCESS TRANSMISSION SERVICES, CORP

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STATE OF OHIO

ADRIAN D. ROZEN
78080
10-14-19

REGISTERED
PROFESSIONAL ENGINEER

ENGINEER: AB

DRAWN BY: SD

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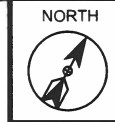
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SCALE

HORIZONTAL: N/A

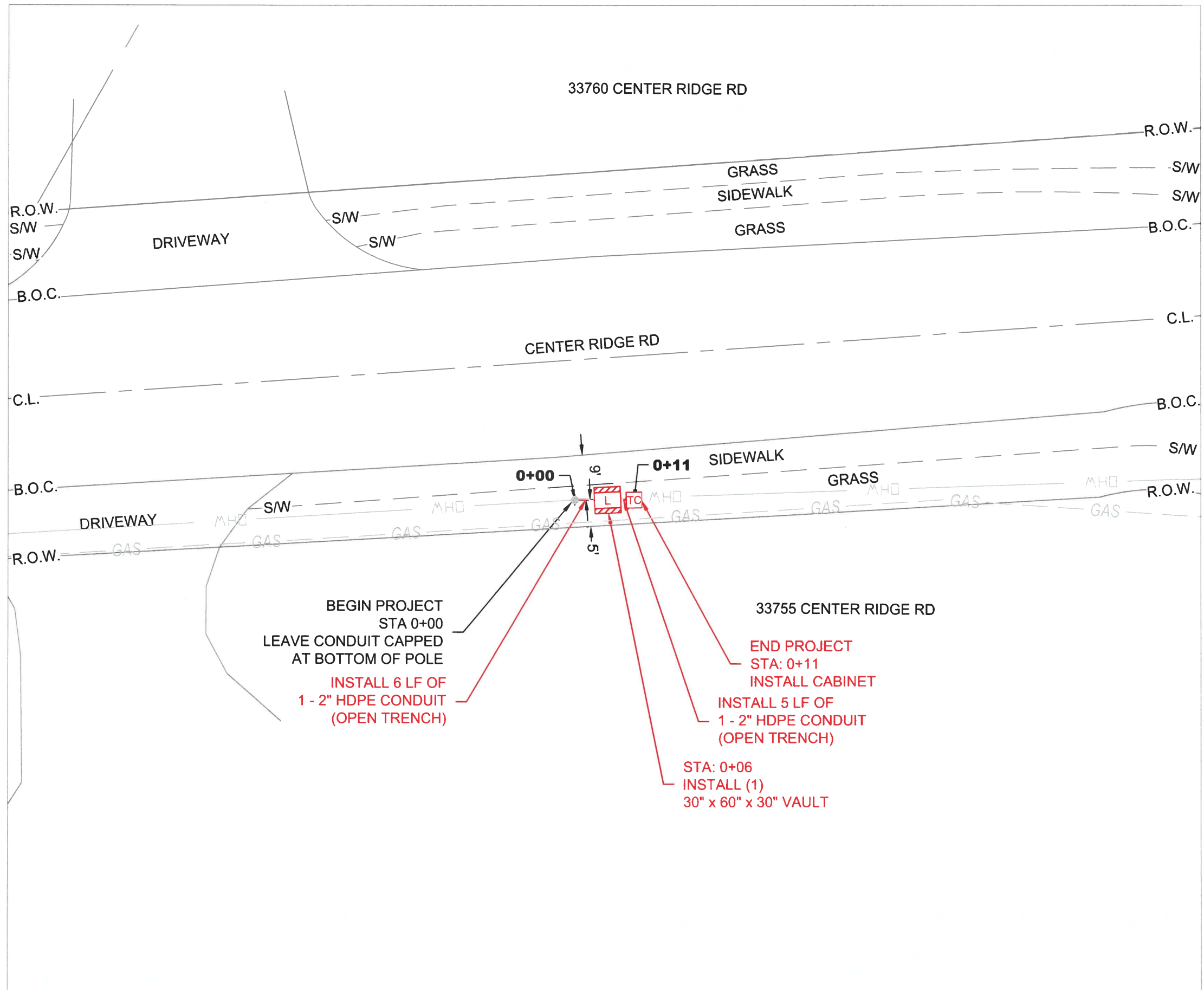
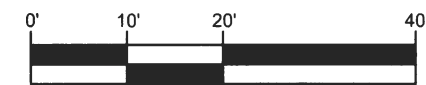
VERTICAL: N/A

SHEET: B-01



LEGEND:

- BORE/MISSILE BORE
- OPEN TRENCH
- S/W SIDEWALK
- E.O.P EDGE OF PAVEMENT
- B.O.C BACK OF CURB
- R.O.W. RIGHT OF WAY
- C.L. STREET CENTERLINE
- POTHOLE LOCATION



NOTE TO CONTRACTOR:
ANY BOREPITS DUG NEXT TO DRIPLINE OF AN EXISTING TREE TO BE DUG USING HYDRO VACUUM EXCAVATION.

CAUTION!!
ANY DISTURBANCE TO INFRASTRUCTURE WITHIN 15 FEET OF ADA RAMP WILL REQUIRE ENTIRE RAMP TO BE REPAIRED IN ACCORDANCE WITH ALL REQUIRED ADA STANDARDS AND SPECIFICATIONS.

CONTRACTOR TO PLACE UTILITY WITH A MINIMUM OF 36 INCHES OF COVER WHEN UNOBSTRUCTED. CONTRACTOR TO MAINTAIN 24 INCHES OF SEPARATION FROM OTHER UTILITIES. DEPTH TO BE ADJUSTED ACCORDINGLY.

UTILITY LOCATIONS SHOWN ON THIS PLAN ARE BASED ON DOCUMENT RESEARCH AND FIELD EVALUATION. THE INFORMATION MAY NOT BE ACCURATE OR COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PHYSICALLY LOCATE AND VERIFY LOCATION AND DEPTH OF ALL UTILITIES WITHIN CONSTRUCTION PATH. ALL INSTALLATIONS MUST COMPLY WITH MINIMUM HORIZONTAL AND VERTICAL CLEARANCES FROM UTILITIES.

PROJECT:

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1902CHEQ ROW NRGV 0726

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP

Mastec

OUTSIDE PLANT CONSTRUCTION
WESTLAKE_FDA003 NRGV UG CONST PHASE IV
UNDERGROUND CONDUIT INSTALLATION

FORESITE
group

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Suite 400
Austin, TX 78704
www.fg-inc.net
334.887.6064
334.887.6024

STATE OF OHIO
ADRIAN D. ROZEN
78080
10-14-19
REGISTERED PROFESSIONAL ENGINEER

ENGINEER: AB
DRAWN BY: SD

REVISIONS		
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SCALE

HORIZONTAL: 1" = 20'
VERTICAL: N/A

SHEET: C-01

MCI METRO GENERAL NOTES AND REQUIREMENTS

GENERAL NOTES

1. MCI COMPRISES THE FOLLOWING OPERATING ENTITIES:
- MCI COMMUNICATIONS SERVICES, INC.

- MCI METRO ACCESS TRANSMISSION SERVICES, LLC

- MCI METRO ACCESS TRANSMISSION SERVICES OF VIRGINIA, INC.

- MCI METRO ACCESS TRANSMISSION SERVICES OF MASSACHUSETTS, INC.

- METROPOLITIAN FIBER SYSTEMS OF NEW YORK, INC.
2. ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS OF ANY REGULATING GOVERNMENTAL AGENCY, MCI METRO, 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 ARE 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 SITE PLAN. ANY AND ALL OTHERS ENCOUNTERED ARE ALSO THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, PROTECT, AND REPAIR, IF DAMAGED.
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 CONDITIONS.
7. EQUIPMENT TYPES SPECIFIED HEREIN (ie: "BACKHOE" "SWAMP PLOW", ETC.) ARE SUGGESTIONS ONLY AND ARE NOT INTENDED AS REQUIREMENTS. CONTRACTOR WILL BE NOTIFIED AS TO EXCEPTIONS.

MCI OSP CONSTRUCTION GENERAL REQUIREMENTS

- ALL FEDERAL, STATE AND LOCAL SAFETY REGULATIONS MUST BE FOLLOWED WITHOUT EXCEPTION.
- PERSONAL PROTECTIVE EQUIPMENT APPROPRIATE FOR THE SPECIFIC WORK SITE SHALL BE USED AT ALL TIMES. AT A MINIMUM, HARD HAT, SAFETY SHOES/STEEL-TOED BOOTS, AND FLORESCENT ORANGE OR GREEN WORK VEST ARE REQUIRED UPON ENTERING ANY MCI WORK SITE.
- USE OF INTOXICANTS, DRUGS, INHALANTS OR ANY OTHER SUBSTANCES THAT MAY IMPAIR ALERTNESS ARE STRICTLY PROHIBITED.
- CONTRACTORS ARE NOT ALLOWED TO CUT ANY CABLE. CABLES SCHEDULED FOR REMOVAL WILL BE CUT BY MCI OPERATIONS PERSONNEL, AND ONLY AFTER VERIFICATION THAT ALL TRAFFIC HAS BEEN OFF-LOADED.
- EXTREME CAUTION MUST BE USED AT ALL TIMES WHEN WORKING ON OR NEAR ACTIVE CABLES. AN MCI EMPLOYEE OR CONTRACT REPRESENTATIVE MUST APPROVE AND BE PRESENT PRIOR TO AND DURING ALL CABLE HANDLING ACTIVITIES.
- TOOLS AND EQUIPMENT SPECIFICALLY DESIGNED FOR THE JOB AT HAND ARE REQUIRED. USE THE PROPER TOOL FOR THE JOB.
- CONDUIT WORK INVOLVING ACTIVE CABLES REQUIRES SPECIALIZED TOOLS SPECIFICALLY DESIGNED TO ACCESS DUCTS WITH ACTIVE CABLES.
- PROTECTING MCI FACILITIES IS EXTREMELY IMPORTANT; HOWEVER, SAFETY REGARDING YOURSELF AND OTHERS IS THE MOST IMPORTANT PART OF ANY PROJECT.

PROJECT:

PROJECT ID NUMBER:
1902CHEQ ROW NRGV 0726

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

MCI metro
ACCESS TRANSMISSION SERVICES, CORP

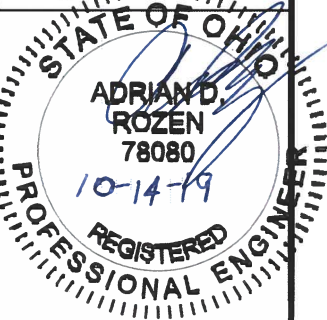
Mastec

OUTSIDE PLANT CONSTRUCTION
WESTLAKE_FDA003 NRGV UG CONST PHASE IV
UNDERGROUND CONDUIT INSTALLATION

FORESITE
group

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ENGINEER: AB

DRAWN BY: SD

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: D-01

MCI METRO GENERAL NOTES AND REQUIREMENTS

CONSTRUCTION NOTES

1. ALL CONDUIT WILL BE 4" ID SCHEDULE 40 (i.e. PVC OR BSP/GSP, MANUFACTURED SPLIT PVC OR SPLIT BSP/GSP), UNLESS SPECIFIED OTHERWISE.
2. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. SEE CONTACT SHEET FOR CONTACT NAME AND TELEPHONE NUMBER.
3. ALL UNDERGROUND OBSTRUCTIONS, WHEN LOCATED, WILL REQUIRE THE PLACEMENT OF A BURIED CABLE MARKER AND THE PLACEMENT OF 4" MANUFACTURED SPLIT PVC, BSP/GSP OVER OR UNDER EACH OBSTRUCTION.
4. SHORING MAY BE REQUIRED AND SHALL COMPLY WITH O.S.H.A. STANDARDS.
5. ALL BURIED CONDUIT/CABLE WILL BE PLACED AT 42" MINIMUM COVER UNLESS SPECIFIED OTHERWISE ON THE CONSTRUCTION DRAWINGS.
6. MECHANICAL PROTECTION SHALL BE REQUIRED ANYTIME A 36" MINIMUM COVER IS UNOBTAINABLE UNLESS SPECIFIED OTHERWISE ON THE CONSTRUCTION DRAWINGS.
7. ALL 90 DEGREE BENDS IN CONDUIT CONSTRUCTION WILL BE A MINIMUM 38.2" RADIUS UNLESS SPECIFIED OTHERWISE. ALL SPLIT CONDUIT BENDS AND SOLID PVC BENDS SHALL REQUIRE CONCRETE ENCASEMENT, UNLESS SPECIFIED OTHERWISE.
8. OPERATIONS PERSONNEL TO BE CONTACTED BY THE CONTRACTOR 48 HOURS PRIOR TO CONSTRUCTION. SEE CONTACT SHEET FOR CONTACT NAME AND TELEPHONE NUMBER.
9. ALL STATIONING IS BASED ON AS-BUILT INFORMATION, THEREFORE SOME VARIANCE SHOULD BE ANTICIPATED. ADJUST AS NEEDED.
10. RAILROAD COMMUNICATION AND SIGNAL CABLES TO BE LOCATED PRIOR TO THE CONSTRUCTION ACTIVITY. RAILROAD TO BE GIVEN 48 HOURS NOTICE PRIOR TO CONSTRUCTION.
11. ALL BURIED CABLE MARKER POSTS AND HARDWARE PLACED AND/OR REMOVED ON ALL NEW AND EXISTING ROUTES SHALL BE IMPLEMENTED AS FOLLOWS.

• ON THOSE ROUTES THAT ARE CONSIDERED TO BE IN A NORTH TO SOUTH GEOGRAPHICAL ORIENTATION, THE SOUTHERN-MOST SIGN AND POST SHOULD BE REMOVED. FOR NEW ROUTES BEING CONSTRUCTED, ONE SIGN POST WILL BE PLACED AT THE NORTH END OF EACH HANDHOLE.

• ON THOSE ROUTES THAT ARE CONSIDERED TO BE IN AN EAST TO WEST GEOGRAPHICAL ORIENTATION, THE WESTERN-MOST SIGN AND POST SHOULD BE REMOVED. FOR NEW ROUTES BEING CONSTRUCTED, ONE SIGN POST WILL BE PLACED AT THE EAST END OF THE EACH HANDHOLE.

FIBER OPTIC CABLE UNCOVERING SYSTEM

1. THE TITLE OF THIS PROGRAM, F.O.C.U.S., AN ACRONYM FOR "FIBER OPTIC CABLE UNCOVERING SYSTEM," WAS SELECTED TO REMIND EVERYONE INVOLVED WITH WORKING NEAR MCI'S ACTIVE FIBER OPTIC SYSTEMS TO FOCUS ON PROTECTING THE FACILITIES. IF, DURING THE COURSE OF THE PROJECT, YOU NOTICE ANY ACTIVITY WHICH MAY JEOPARDIZE THE MCI OSP FACILITIES, IT IS YOUR DUTY TO STOP THE WORK AND RE-F.O.C.U.S.
2. F.O.C.U.S. RULES MUST BE FOLLOWED ON ALL MCI PROJECTS INVOLVING WORK ON OR NEAR MCI OSP FACILITIES. SAFETY IS MCI'S NUMBER ONE PRIORITY; EVERYONE MUST REFRAIN FROM UNSAFE AND IMPROPER PRACTICES.
3. REVIEW OF F.O.C.U.S. IS MANDATORY AT EVERY PRE-BID, PRE-CONSRUCTION SITE MEETING AND DAILY TAILGATE MEETING. F.O.C.U.S. DISCUSSION MUST INCLUDE SITE-SPECIFIC HISTORY, UNIQUE PROBLEMS, FACILITY CONFIGURATIONS THAT MAY BE ENCOUNTERED, AND PAST ERRORS. "THOSE WHO DO NOT LEARN FROM HISTORY ARE DOOMED TO REPEAT IT." DO NOT LET THIS HAPPEN TO YOU.
4. ANY WORK NEAR OR REQUIRING HANDLING OF MCI OUTSIDE PLANT FACILITIES CAN ONLY BE PERFORMED WITH AN MCI EMPLOYEE OR CONTRACT REPRESENTATIVE PRESENT -- THIS MEANS OUT OF HIS OR HER VEHICLE AND DIRECTLY MONITORING THE SYSTEM. THE REPRESENTATIVE MUST HAVE A PROPERLY OPERATING CABLE LOCATOR CHECKED FOR ACCURACY EVERY DAY PRIOR TO COMMENCEMENT OF WORK (COMPARISON OF LINE AND DEPTH READINGS TO ACTUAL LINE AND DEPTH OF THE CABLE).
5. LOCATE AND POT HOLE REQUIREMENTS:

• PRIOR TO ANY EXCAVATION, THE MCI EMPLOYEE OR CONTRACT REPRESENTATIVE MUST VERIFY THE INITIAL LOCATE MARKS COMPLETED BY MCI OPERATIONS. DO NOT TRUST LOCATE RESULTS COMPLETED BY OTHERS! THE MCI OR CONTRACT REPRESENTATIVE MUST LOCATE THE CABLE RUNNING LINE BY MAKING AT LEAST ONE PASS IN EACH DIRECTION. LOCATE RESULTS MUST THEN BE COMPARED WITH PREVIOUS MARKS AND THE AS-BUILTS.

• IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 3 FEET OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POT HOLE (ALL POTHOLES MUST BE COMPLETED BY HAND DIGGING OR VACUUM EXCAVATION) A MINIMUM OF EVERY 15 FT., THEN EXPOSE THE ENTIRE LENGTH OF THE CABLE BY HAND DIGGING OR VACUUM EXCAVATION.

• IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 5 FEET (BUT NOT CLOSER THAN 3 FEET) OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POT HOLE THE CABLE A MINIMUM OF EVERY 15 FT.

• IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 15 FEET (BUT NOT CLOSER THAN 5 FEET) OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POT HOLE THE CABLE A MINIMUM OF EVERY 30 FT.

• THE CABLE WILL ALSO BE POT HOLED AT ANY CHANGE IN THE RUNNING LINE OF MORE THAN 1 FT. IN ANY DIRECTION, ANYTIME THE ACCURACY OF THE ELECTRONIC LOCATE IS QUESTIONED, OR THE MARKED RUNNING LINE DOES NOT MATCH THE AS-BUILTS.
6. EXPOSING REQUIREMENTS:

• NO MECHANICAL EXCAVATION WITHIN 3 FT. OF OSP FACILITIES WILL BE ALLOWED UNLESS THE FACILITIES HAVE FIRST BEEN PROPERLY LOCATED, POT HOLED, POSITIVELY IDENTIFIED, CONTINUOUSLY EXPOSED BY HAND DIGGING OR VACUUM EXCAVATION, AND THE FACILITES ARE CLEARLY VISIBLE.

• IN ADDITION, MECHANICAL EXCAVATION WITHIN 3 FT. OF OSP FACILITIES REQUIRES ON-SITE PRIOR APPROVAL FROM MCI'S EMPLOYEE OR CONTRACT REPRESENTATIVE.
7. PLEASE REFER TO THE LATEST EDITION OF THE MCI OSP HANDBOOK FOR ADDITIONAL DETAILS. KNOW IT AND FOLLOW IT.

PROJECT:

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PERMITTING ENTITY:

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MCI metro

ACCESS TRANSMISSION SERVICES, CORP

Mastec

OUTSIDE PLANT CONSTRUCTION

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UNDERGROUND CONDUIT INSTALLATION

FORESITEgroup

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STATE OF OHIO

ADRIAN D. ROZEN

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10-14-19

REGISTERED PROFESSIONAL ENGINEER

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SCALE

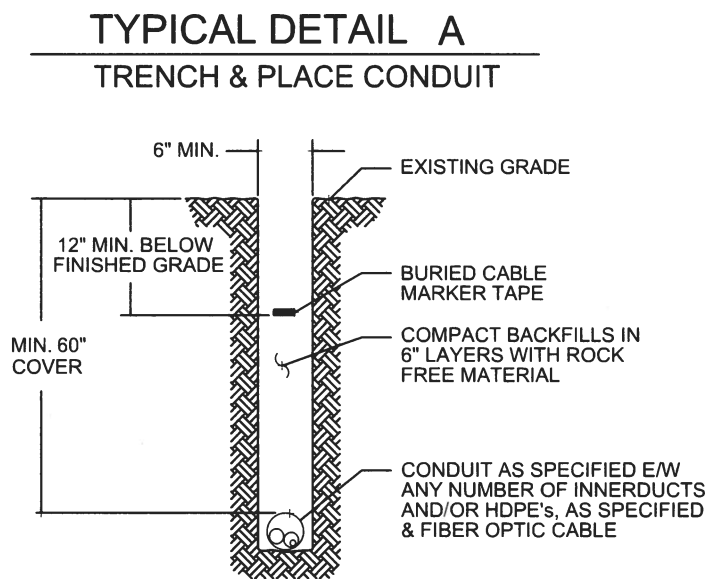
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VERTICAL: N/A

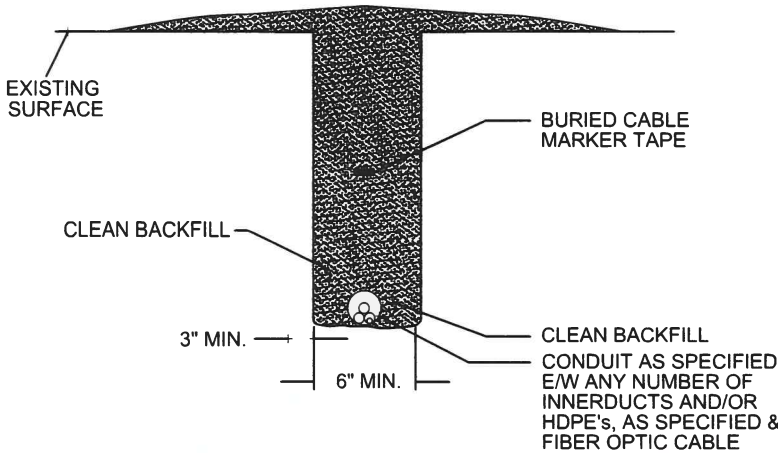
SHEET: D-02

MCI CONSTRUCTION DETAILS/TYPICALS

TYPICAL OPEN TRENCH DETAIL



TYPICAL DETAIL B
REMOVE AND RESTORE NATURAL SURFACE FOR CONDUIT



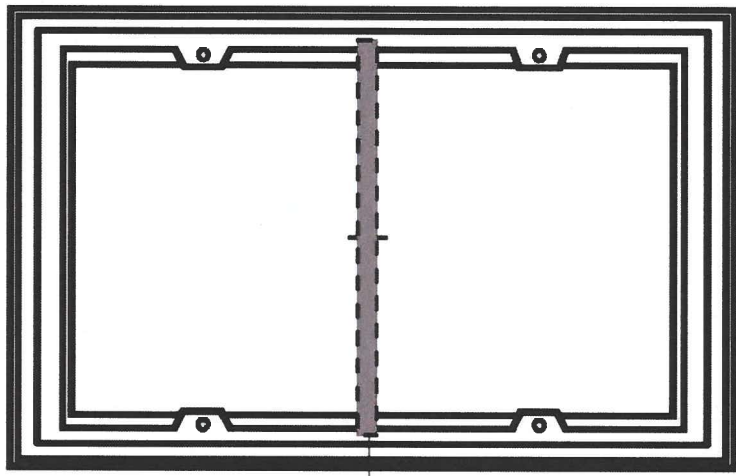
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PROJECT ID NUMBER:		
1902CHEQ ROW NRGV 0726		
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CITY OF NORTH RIDGEVILLE		
PROJECT LOCATION:		
NORTH RIDGEVILLE, OH		
MCI metro ACCESS TRANSMISSION SERVICES, CORP	Mastec OUTSIDE PLANT CONSTRUCTION	WESTLAKE_FDA003 NRGV UG CONST PHASE IV UNDERGROUND CONDUIT INSTALLATION
FORESITE group ForeSite Group, LLC 3000 E Cesar Chavez St. Suite 400 Austin, TX 78704 www.fg-inc.net 334.887.6064 334.887.6024		
STATE OF OHIO ADRIAN D. ROZEN 78080 10-14-19 REGISTERED PROFESSIONAL ENGINEER		
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REVISIONS		
DATE	DESCRIPTION	INITIAL
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SCALE		
HORIZONTAL:	N/A	
VERTICAL:	N/A	
SHEET: D-03		

MCI CONSTRUCTION DETAILS/TYPICALS

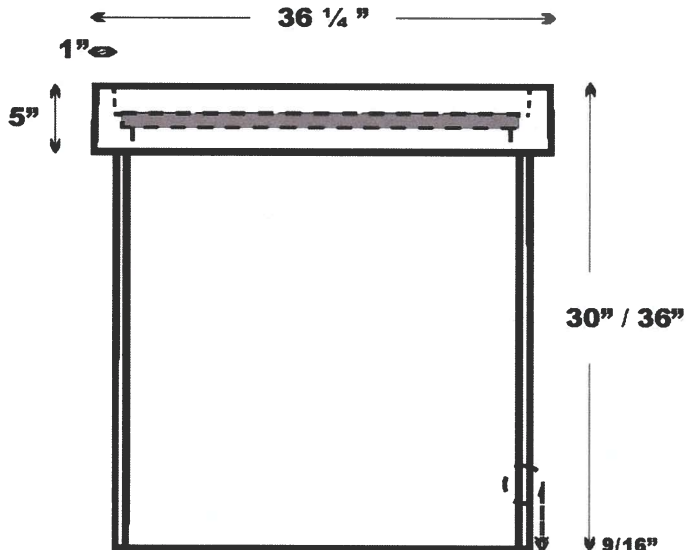
3060 Polymer Concrete Series / Tier 15 & 22



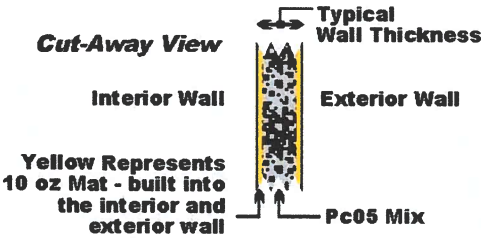
TOP VIEW



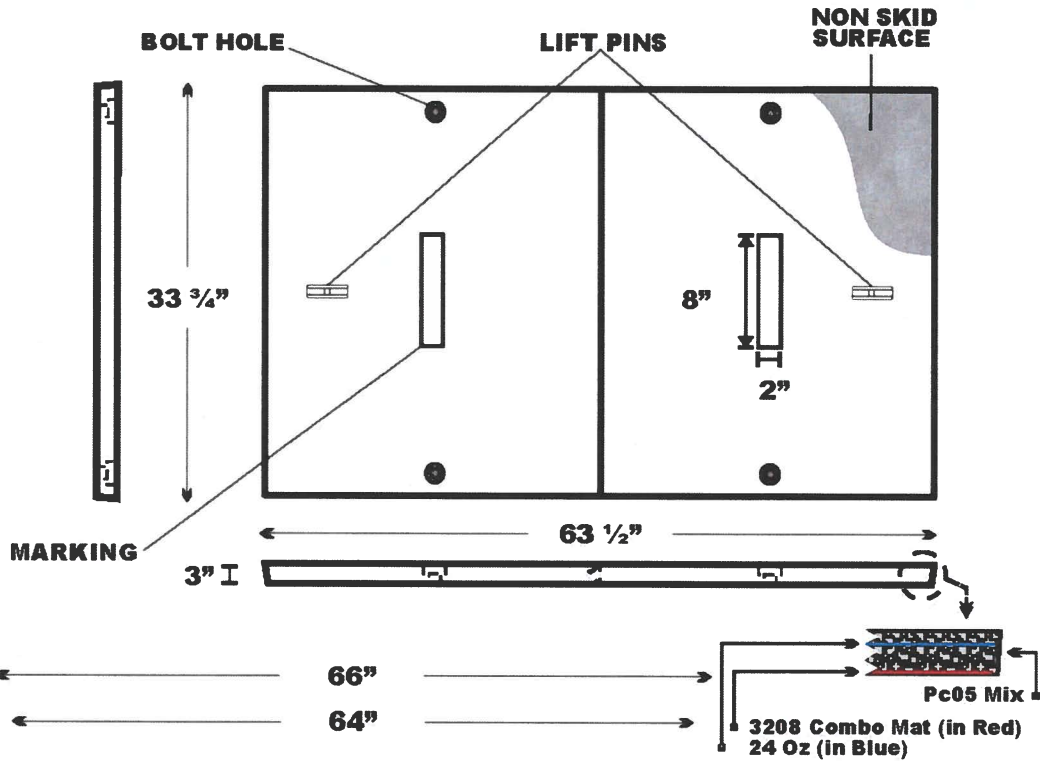
DROP IN STEEL BEAM (2" X 1" X 32")



END VIEW

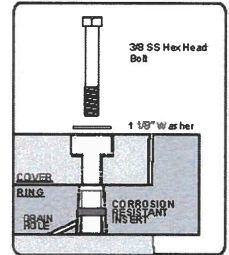


COVER VIEW



Cut-Away View

Hardware Detail



SIDE VIEW

Part No. 3060 Polymer Concrete Series

Body: Polymer Concrete		Cover: Polymer Concrete
Weight : Varies	Tolerance +/- 1/8"	ANSI/SCTE 77 2013
October 21, 2014	File 3060 PC Series	Tier 15/22 Rated

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Martin Enterprises
"Your Underground Enclosure Experts"

UL Listed Product File# E351227
ISO 9001:2008 Registered Firm
QuEST Forum / TL9000 Registered

ANAB **QUEST** **UL**

www.martinfip.com

PROJECT:

PROJECT ID NUMBER:
1902CHEQ ROW NRGV 0726

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

MCI metro
ACCESS TRANSMISSION SERVICES, CORP

Mastec
OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA003 NRGV UG CONST PHASE IV
UNDERGROUND CONDUIT INSTALLATION

FORESITE
group

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f 334.887.6024

STATE OF OHIO
ADRIAN D. ROZEN
78080
10-14-19
REGISTERED PROFESSIONAL ENGINEER

ENGINEER: AB
DRAWN BY: SD

REVISIONS		
DATE	DESCRIPTION	INITIAL

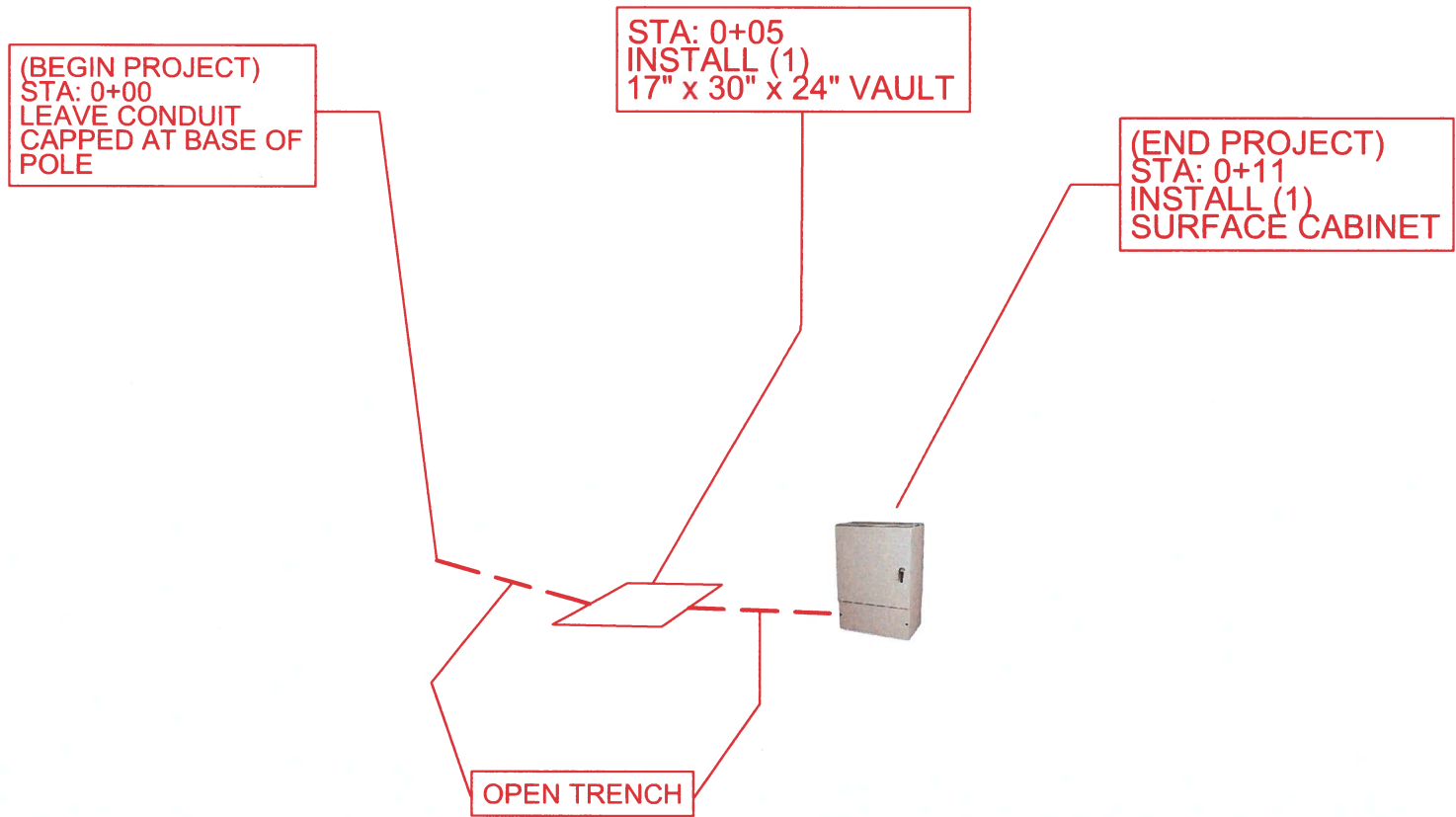
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SCALE

HORIZONTAL: N/A
VERTICAL: N/A

SHEET: D-04

INSTALLATION IMAGES



BEGIN PROJECT AT STATION 0+00
END PROJECT AT STATION 0+11

PROJECT:
PROJECT ID NUMBER:
1902CHEQ ROW NRGV 0726
PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE
PROJECT LOCATION:
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP

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REGISTERED
PROFESSIONAL ENGINEER

ENGINEER: AB
DRAWN BY: SD

REVISIONS

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SCALE
HORIZONTAL: N/A
VERTICAL: N/A

SHEET: E-01

TRAFFIC CONTROL PLAN - TYPICAL DETAILS

Page 634

2009 Edition

2009 Edition

Page 635

Notes for Figure 6H-1—Typical Application 1
Work Beyond the Shoulder

Guidance:

- 1. If the work space is in the median of a divided highway, an advance warning sign should also be placed on the left side of the directional roadway.

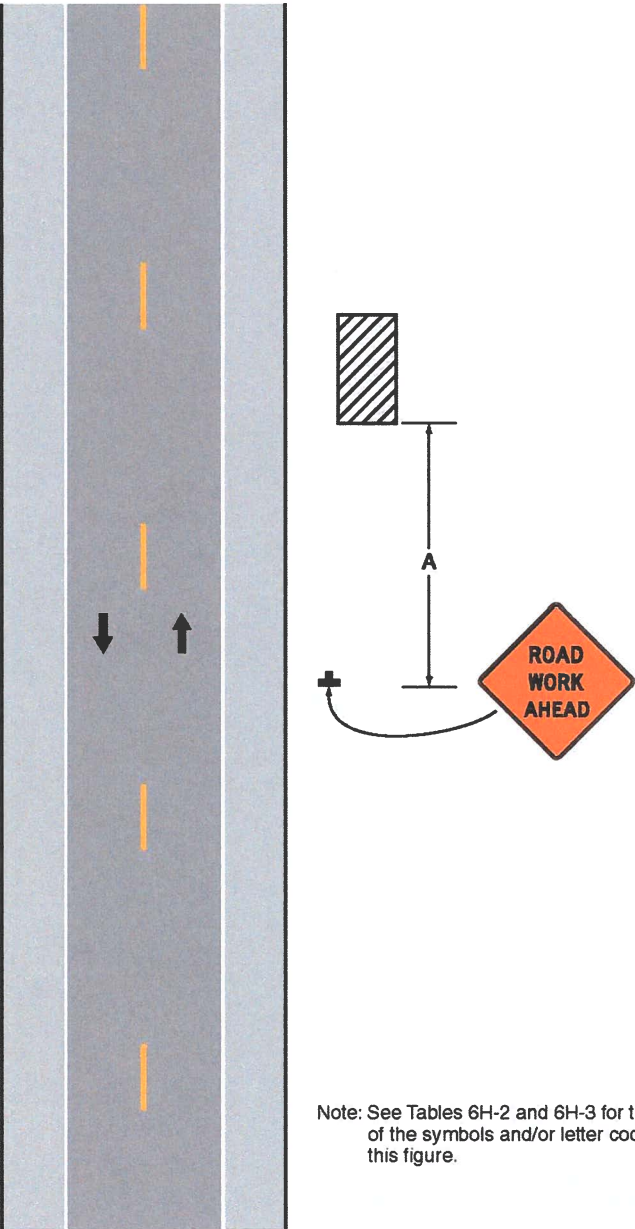
Option:

- 2. The ROAD WORK AHEAD sign may be replaced with other appropriate signs such as the SHOULDER WORK sign. The SHOULDER WORK sign may be used for work adjacent to the shoulder.
- 3. The ROAD WORK AHEAD sign may be omitted where the work space is behind a barrier, more than 24 inches behind the curb, or 15 feet or more from the edge of any roadway.
- 4. For short-term, short duration or mobile operation, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
- 5. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

Standard:

- 6. Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.

Figure 6H-1. Work Beyond the Shoulder (TA-1)



Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Typical Application 1

Sect. 6H.01

December 2009

December 2009

Sect. 6H.01

PROJECT:		
PROJECT ID NUMBER:		
1902CHEQ ROW NRGV 0726		
PERMITTING ENTITY:		
CITY OF NORTH RIDGEVILLE		
PROJECT LOCATION:		
NORTH RIDGEVILLE, OH		
MCI metro ACCESS TRANSMISSION SERVICES, CORP		Mastec OUTSIDE PLANT CONSTRUCTION WESTLAKE_FDA003 NRGV UG CONST PHASE IV UNDERGROUND CONDUIT INSTALLATION
FORESITE group ForeSite Group, LLC 3000 E Cesar Chavez St. Suite 400 Austin, TX 78702 www.fg-inc.net 334.887.6064 334.887.6024		
STATE OF OHIO ADRIAN D. ROZEN 78080 10-14-19 REGISTERED PROFESSIONAL ENGINEER		
ENGINEER: AB		
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SCALE		
HORIZONTAL:		N/A
VERTICAL:		N/A
SHEET: F-01		

TRAFFIC CONTROL PLAN - TYPICAL DETAILS

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2009 Edition

2009 Edition

Page 689

Notes for Figure 6H-28—Typical Application 28
Sidewalk Detour or Diversion

Standard:

- 1. When crosswalks or other pedestrian facilities are closed or relocated, temporary facilities shall be detectable and shall include accessibility features consistent with the features present in the existing pedestrian facility.

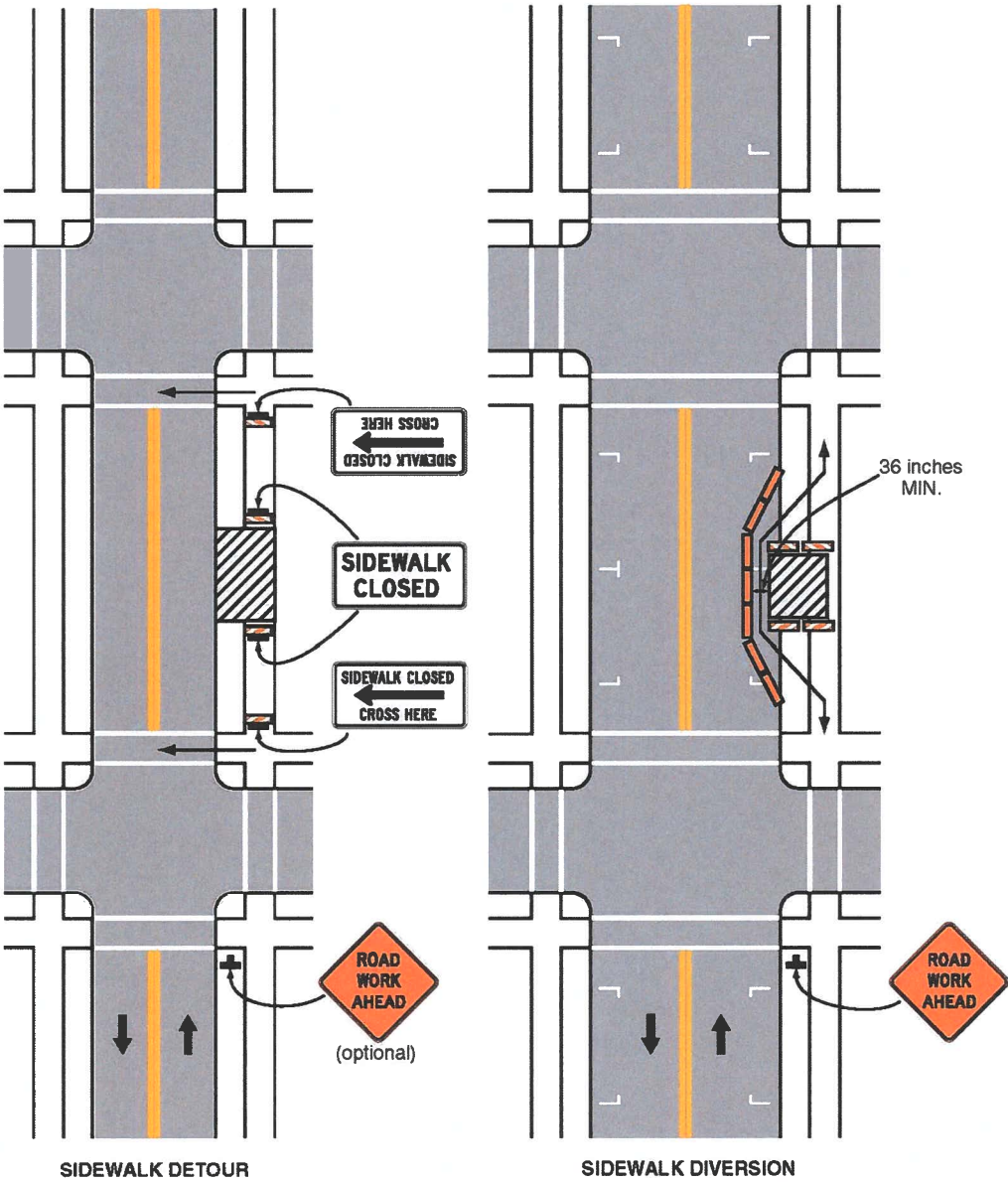
Guidance:

- 2. Where high speeds are anticipated, a temporary traffic barrier and, if necessary, a crash cushion should be used to separate the temporary sidewalks from vehicular traffic.
- 3. Audible information devices should be considered where midblock closings and changed crosswalk areas cause inadequate communication to be provided to pedestrians who have visual disabilities.

Option:

- 4. Street lighting may be considered.
- 5. Only the TTC devices related to pedestrians are shown. Other devices, such as lane closure signing or ROAD NARROWS signs, may be used to control vehicular traffic.
- 6. For nighttime closures, Type A Flashing warning lights may be used on barricades that support signs and close sidewalks.
- 7. Type C Steady-Burn or Type D 360-degree Steady-Burn warning lights may be used on channelizing devices separating the temporary sidewalks from vehicular traffic flow.
- 8. Signs, such as KEEP RIGHT (LEFT), may be placed along a temporary sidewalk to guide or direct pedestrians.

Figure 6H-28. Sidewalk Detour or Diversion (TA-28)



Typical Application 28

Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

PROJECT:
PROJECT ID NUMBER:
1902CHEQ ROW NRGV 0726
PERMITTING ENTITY:
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PROJECT LOCATION:
NORTH RIDGEVILLE, OH

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DATE DESCRIPTION INITIAL

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SCALE
HORIZONTAL: N/A
VERTICAL: N/A
SHEET: F-02

TRAFFIC CONTROL PLAN - TYPICAL DETAILS

Table 6H-2. Meaning of Symbols on Typical Application Diagrams

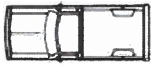
	Arrow board		Shadow vehicle
	Arrow board support or trailer (shown facing down)		Sign (shown facing left)
	Changeable message sign or support trailer		Surveyor
	Channelizing device		Temporary barrier
	Crash cushion		Temporary barrier with warning light
	Direction of temporary traffic detour		Traffic or pedestrian signal
	Direction of traffic		Truck-mounted attenuator
	Flagger		Type 3 barricade
	High-level warning device (Flag tree)		Warning light
	Longitudinal channelizing device		Work space
	Luminaire		Work vehicle
	Pavement markings that should be removed for a long-term project		

Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	100 feet	100 feet	100 feet
Urban (high speed)*	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

* Speed category to be determined by highway agency

** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

Table 6H-4. Formulas for Determining Taper Length

Speed (S)	Taper Length (L) in feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

Where: L = taper length in feet
W = width of offset in feet
S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

PROJECT:

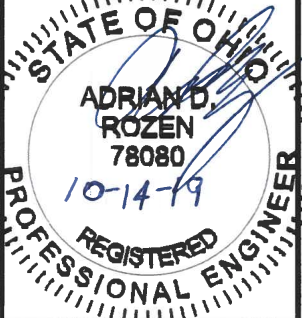
PROJECT ID NUMBER:
1902CHEQ ROW NRGV 0726

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CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
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SCALE

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VERTICAL: N/A

SHEET: F-03

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ACCESS TRANSMISSION SERVICES CORP

MasTec

OUTSIDE PLANT CONSTRUCTION

FORESITE
group

ENGINEERING SERVICES

WESTLAKE_FDA006 NRGV UG CONST PHASE II

NORTH RIDGEVILLE, OH

UNDERGROUND CONDUIT INSTALLATION
RIGHT-OF-WAY CONSTRUCTION PERMIT



MCI PERMIT NUMBER: 1902_CHEM_ROW_NRGV_0777
SITE CODE: 1902CHEM



PROJECT STATUS: PERMITTING
STATUS DATE: 10/14/2019

SHEET INDEX

GENERAL PROJECT INFORMATION (A-SERIES)

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SHEET INDEX	A-01
PROJECT OVERVIEW	A-02
SYMBOL KEY	A-03

CONTACT INFORMATION (B-SERIES)

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CONSTRUCTION PLANS (C-SERIES)

SITE PLAN SHEETS	C-01
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STANDARD NOTES & DETAILS (D-SERIES)

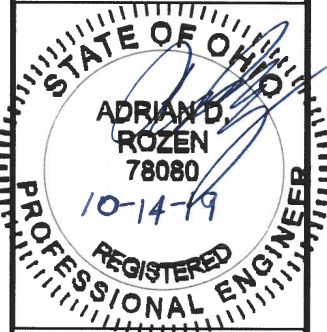
GENERAL NOTES	D-01 - D-02
CONSTRUCTION DETAIL DRAWINGS	D-03 - D-04

SPECIFIC NOTES & DETAILS (E-SERIES)

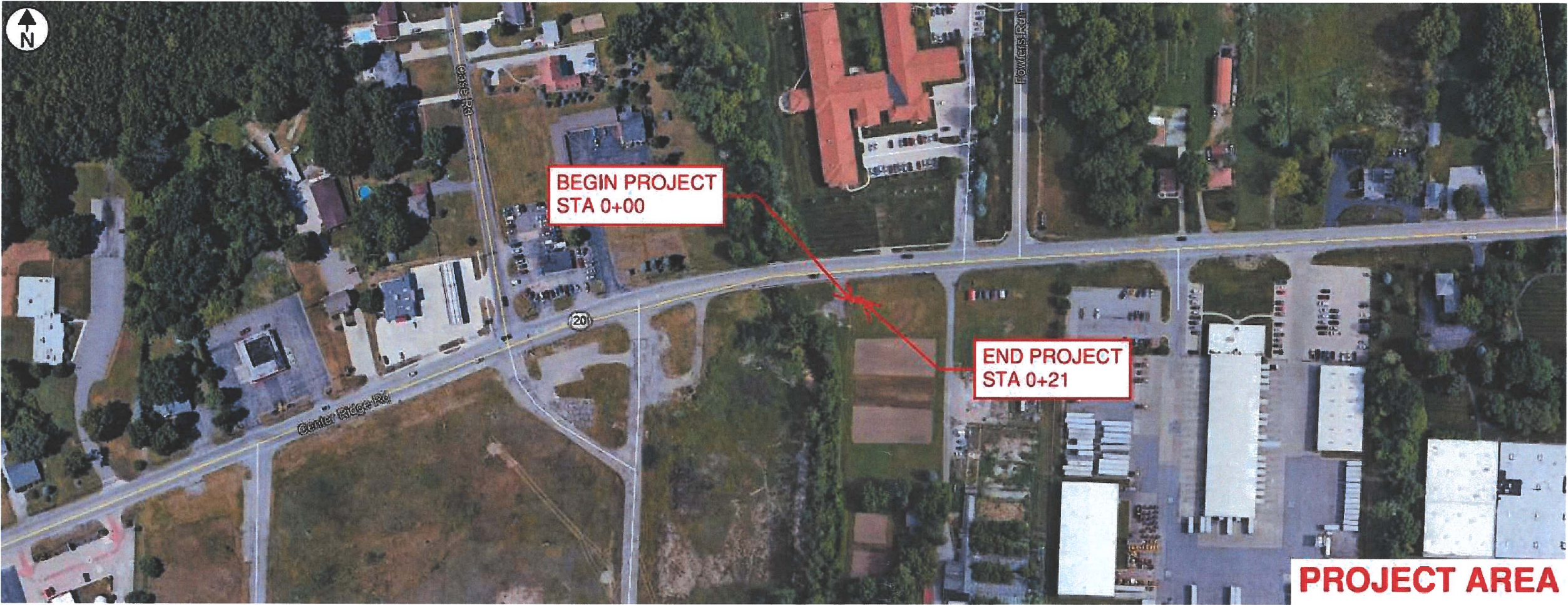
INSTALLATION IMAGES	E-01
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ADDITIONAL INFORMATION (F-SERIES)

TRAFFIC CONTROL TYPICALS	F-01 - F-02
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PROJECT:		
PROJECT ID NUMBER:		
1902_CHEM ROW_NRGV_0777		
PERMITTING ENTITY:		
CITY OF NORTH RIDGEVILLE		
PROJECT LOCATION:		
NORTH RIDGEVILLE, OH		
McImetro ACCESS TRANSMISSION SERVICES, CORP	Mastec OUTSIDE PLANT CONSTRUCTION	WESTLAKE_FDA006_NRGV_UG CONST PHASE II UNDERGROUND CONDUIT INSTALLATION
FORESITE group ForeSite Group, LLC 3000 E Cesar Chavez St. Suite 400 Austin, TX 78702 www.fg-inc.net 334.887.6084 334.887.6024		
		
ENGINEER: AB		
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SCALE		
HORIZONTAL: N/A		
VERTICAL: N/A		
SHEET: A-01		

PROJECT OVERVIEW



PROJECT SCOPE

ADDRESS RANGE TABLE

PRIMARY STREET	ADDRESSES	CROSS STREET(S)
CENTER RIDGE RD	38599	NONE

PROJECT QUANTITIES

INSTALL	QNTY
2"D CONDUIT (DIRECT. BORE)	0 LF
2"D CONDUIT (MISSILE BORE)	0 LF
2"D CONDUIT (TRENCH)	21 LF
17"X30"X24" VAULT(S)	0
24"X36"X24" VAULT(S)	0
30"X48"X24" VAULT(S)	0
30"X60"X30" VAULT(S)	1
48"X48"X48" MANHOLE(S)	0

PROJECT:

PROJECT ID NUMBER:

1902 CHEM ROW NRGV 0777

PERMITTING ENTITY:

CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:

NORTH RIDGEVILLE, OH

McImetro

ACCESS TRANSMISSION SERVICES, CORP

Mastec

OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA006 NRGV UG CONST PHASE II

UNDERGROUND CONDUIT INSTALLATION

FORESITEgroup

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78080

10-14-19

REGISTERED

PROFESSIONAL ENGINEER

ENGINEER:

AB

DRAWN BY:

SD

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SCALE

HORIZONTAL:

N/A

VERTICAL:

N/A

SHEET:

A-02

SYMBOL KEY

MCI PROPOSED CONSTRUCTION

	DIRECTIONAL BORE/MISSILE BORE
	OPEN TRENCH
	17"X30"X24" VAULT
	24"X36"X24" VAULT
	30"X48"X24" VAULT
	30"X60"X30" VAULT
	BORE PIT
	48"X48"X48" MANHOLE
	SPLICE ENCLOSURE

MCI EXISTING/FUTURE CONSTRUCTION

	EXISTING MCI METRO CONDUIT
	EXISTING MCI METRO VAULT
	FUTURE MCI METRO CONDUIT
	FUTURE 17"X30"X24" VAULT
	FUTURE 24"X36"X24" VAULT
	FUTURE 30"X48"X24" VAULT
	FUTURE 30"X60"X30" VAULT

OTHER UTILITIES

	WATER LINE
	FIRE HYDRANT
	WATER VALVE
	WATER METER
	STORMWATER LINE
	STORMWATER ACCESS
	STORMWATER CATCH BASIN
	WASTEWATER LINE
	WASTEWATER MANHOLE
	OVERHEAD POWER LINE
	UNDERGROUND POWER LINE
	POWER TRANSFORMER
	POWER MANHOLE
	POWER JUNCTION BOX
	POWER CABINET
	POWER VAULT
	POLE
	STREET LIGHT
	TRAFFIC LIGHT

OTHER UTILITIES

	GAS LINE
	GAS METER
	GAS VALVE
	TELECOM LINE
	TELECOM MANHOLE
	TELECOM CABINET
	TELECOM VAULT
	UNKNOWN MANHOLE
	UNKNOWN VAULT

PLANIMETRICS

	SIDEWALK
	EDGE OF PAVEMENT
	BACK OF CURB
	RIGHT OF WAY
	STREET CENTERLINE
	TREE

PROJECT:
PROJECT ID NUMBER:
1902_CHEM_ROW_NRGV_0777
PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE
PROJECT LOCATION:
NORTH RIDGEVILLE, OH

MCI metro
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Mastec
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ENGINEER: AB

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SCALE
HORIZONTAL: N/A
VERTICAL: N/A
SHEET: A-03

CONTACT INFORMATION

MCI METRO INC.

OUTSIDE PLANT ENGINEERING:

SENIOR PROJECT ENGINEER: PATRICK WEAVER	(412)290-6995
PROJECT ENGINEER: JEFF KADUSKY	(330)819-1444
PROJECT MANAGER: DAVID GROSS	(216)462-2281

RIGHT-OF-WAY:

MANAGER: AARON CORNISH	(972)457-8360
---------------------------	---------------

ENGINEERING CONTRACTOR:

NAME OF FIRM: FORESITE GROUP	
PROJECT MANAGER: JAMES POHLOD	(310)351-1030
PROJECT ENGINEER: ARNALDO BLANCO ADRIAN ROZEN	(787)349-2960 (813)549-3250

CONSTRUCTION CONTRACTOR:

NAME OF FIRM: MASTEC	
PROJECT MANAGER: DAN KUCHES	(984)218-3122
PROJECT SUPERVISOR: BRIAN ANDERSON	(216)212-2498

UTILITIES

MCI UTILITY LOCATE	1-(800)624-9675
ONE CALL SYSTEM (UTILITY LOCATES)	
AT&T OHIO: JOHN GARRITY	(262)896-6552
BRAINARD GAS CORPORATION: TBD	(440)437-8600
CENTURYTEL/CENTURYLINK: TBD	TBD
CLEVELAND ELECTRIC ILLUMINATING: REBECCA	(440)546-8744
PEPPERS CLEVELAND PUBLIC POWER: CHRIS HIRZEL	(216)420-7704.122
CLEVELAND-CUYAHOGA COUNTY PORT AUTHORITY:	(216)241-8004
TBD COLUMBIA GAS OF OHIO, INC.: TBD	TBD
CONSUMERS GAS CORPORATIVE: DAN BURKHART	(330)682-4144
DOMINION EAST OHIO: TBD	TBD
FIBER TECHNOLOGIES NETWORKS LLC: NICOLE	(585)697-5130
WALKER FRONTIER/NORTH: TAMMY ALBRIGHT	TBD
GRANGER ENERGY OF LAKE COUNTY: TBD	(517)372-2800
KNOX ENERGY COOPERATIVE ASSOCIATION, INC: TBD	(330)498-9130
NORTHEAST OHIO NATURAL GAS CORPORATION: TBD	1-(800)237-2099
OHIO EDISON: AMANDA RICHARDSON	1-(800)633-4766
OHIO RURAL NATURAL GAS COOPERATIVE: TBD	(440)255-5198
ORWELL NATURAL GAS COMPANY: TBD	TBD
PAINESVILLE ELECTRIC: J. MCHUGH	(440)392-5926
SUMMIT COUNTY PORT AUTHORITY: LORI SALLAZ	(330)762-4776
SUNESYS-NOW CROWN CASTLE FIBER: TBD	TBD
WINDSTREAMOHIO: TBD	TBD
WINDSTREAMWESTERN'RESERVE: TBD	TBD

PROJECT:

PROJECT ID NUMBER:
1902 CHEM ROW NRGV 0777

PERMITTING ENTITY:
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PROJECT LOCATION:
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ENGINEER: AB

DRAWN BY: SD

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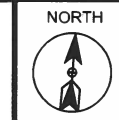
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SCALE

HORIZONTAL: N/A

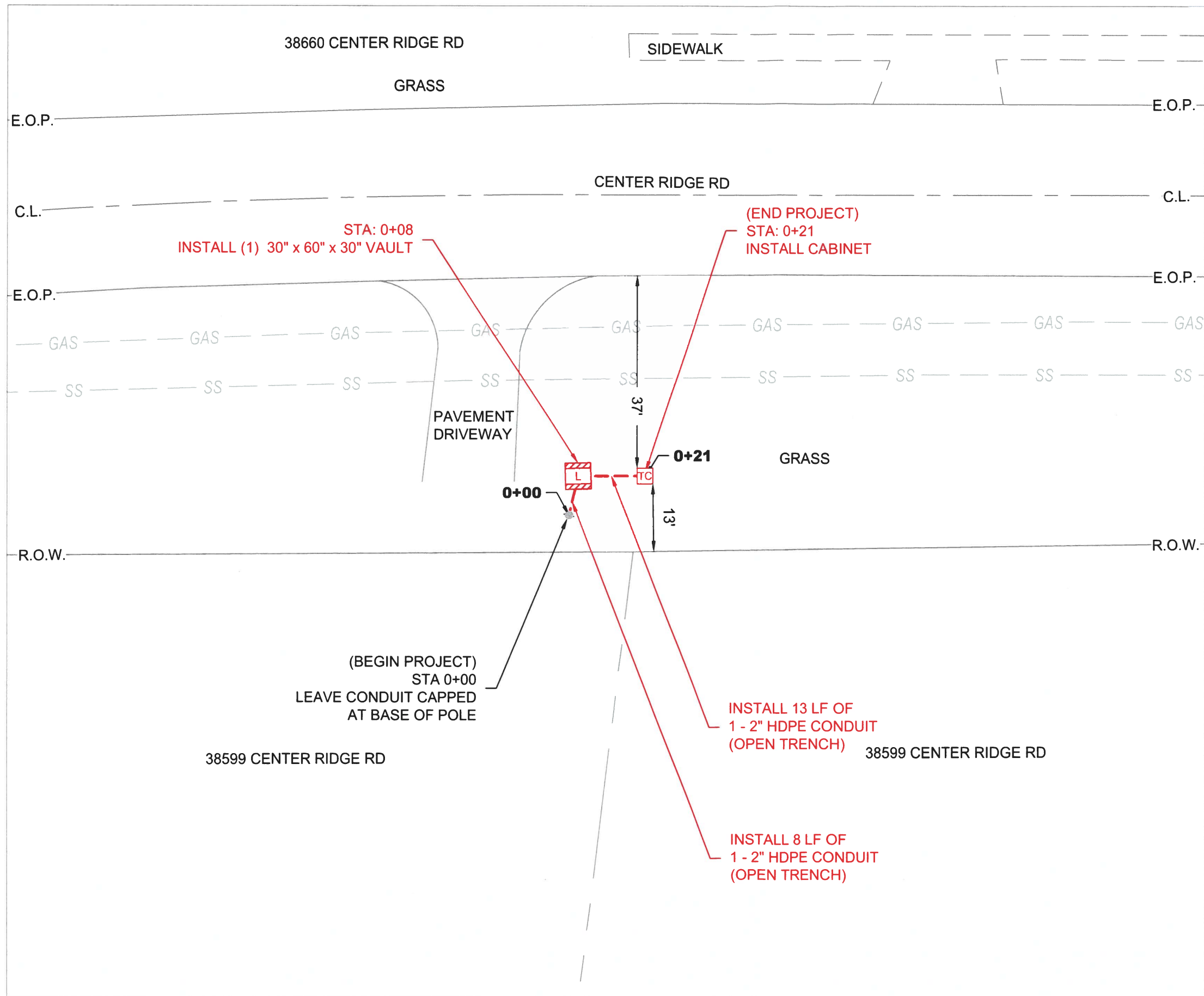
VERTICAL: N/A

SHEET: B-01



LEGEND:

- BORE/MISSILE BORE
- - - OPEN TRENCH
- - - SIDEWALK
- E.O.P. — EDGE OF PAVEMENT
- B.O.C — BACK OF CURB
- R.O.W. — RIGHT OF WAY
- C.L. — STREET CENTERLINE
- POTHOLE LOCATION



NOTE TO CONTRACTOR:
ANY BOREPITS DUG NEXT TO DRIPLINE OF AN EXISTING TREE
TO BE DUG USING HYDRO VACUUM EXCAVATION.

CAUTION!!
ANY DISTURBANCE TO INFRASTRUCTURE WITHIN 15 FEET OF
ADA RAMP WILL REQUIRE ENTIRE RAMP TO BE REPAIRED IN
ACCORDANCE WITH ALL REQUIRED ADA STANDARDS AND
SPECIFICATIONS.

CONTRACTOR TO PLACE UTILITY WITH A MINIMUM OF 36
INCHES OF COVER WHEN UNOBSTRUCTED. CONTRACTOR TO
MAINTAIN 24 INCHES OF SEPARATION FROM OTHER UTILITIES.
DEPTH TO BE ADJUSTED ACCORDINGLY.

UTILITY LOCATIONS SHOWN ON THIS PLAN ARE BASED ON
DOCUMENT RESEARCH AND FIELD EVALUATION. THE
INFORMATION MAY NOT BE ACCURATE OR COMPLETE. IT IS
THE CONTRACTOR'S RESPONSIBILITY TO PHYSICALLY
LOCATE AND VERIFY LOCATION AND DEPTH OF ALL UTILITIES
WITHIN CONSTRUCTION PATH.
ALL INSTALLATIONS MUST COMPLY WITH MINIMUM
HORIZONTAL AND VERTICAL CLEARANCES FROM UTILITIES.

PROJECT:

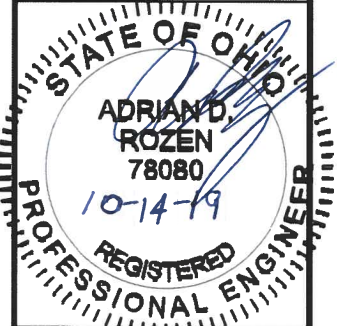
PROJECT ID NUMBER:
1902 CHEM ROW NRGV 0777

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP
Mastec
OUTSIDE PLANT CONSTRUCTION
WESTLAKE_FDA006 NRGV UG CONST PHASE II
UNDERGROUND CONDUIT INSTALLATION

FORESITE
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ENGINEER: AB

DRAWN BY: SD

REVISIONS

DATE	DESCRIPTION	INITIAL

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WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE

HORIZONTAL: 1" = 20'

VERTICAL: N/A

SHEET: C-01

MCI METRO GENERAL NOTES AND REQUIREMENTS

GENERAL NOTES

1. MCI COMPRISES THE FOLLOWING OPERATING ENTITIES:
 - MCI COMMUNICATIONS SERVICES, INC.
 - MCI METRO ACCESS TRANSMISSION SERVICES, LLC
 - MCI METRO ACCESS TRANSMISSION SERVICES OF VIRGINIA, INC.
 - MCI METRO ACCESS TRANSMISSION SERVICES OF MASSACHUSETTS, INC.
 - METROPOLITAN FIBER SYSTEMS OF NEW YORK, INC.
2. ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS OF ANY REGULATING GOVERNMENTAL AGENCY, MCI METRO, 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 ARE 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 SITE PLAN. ANY AND ALL OTHERS ENCOUNTERED ARE ALSO THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, PROTECT, AND REPAIR, IF DAMAGED.
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 CONDITIONS.
7. EQUIPMENT TYPES SPECIFIED HEREIN (ie: "BACKHOE" "SWAMP PLOW", ETC.) ARE SUGGESTIONS ONLY AND ARE NOT INTENDED AS REQUIREMENTS. CONTRACTOR WILL BE NOTIFIED AS TO EXCEPTIONS.

MCI OSP CONSTRUCTION GENERAL REQUIREMENTS

- ALL FEDERAL, STATE AND LOCAL SAFETY REGULATIONS MUST BE FOLLOWED WITHOUT EXCEPTION.
- PERSONAL PROTECTIVE EQUIPMENT APPROPRIATE FOR THE SPECIFIC WORK SITE SHALL BE USED AT ALL TIMES. AT A MINIMUM, HARD HAT, SAFETY SHOES/STEEL-TOED BOOTS, AND FLORESCENT ORANGE OR GREEN WORK VEST ARE REQUIRED UPON ENTERING ANY MCI WORK SITE.
- USE OF INTOXICANTS, DRUGS, INHALANTS OR ANY OTHER SUBSTANCES THAT MAY IMPAIR ALERTNESS ARE STRICTLY PROHIBITED.
- CONTRACTORS ARE NOT ALLOWED TO CUT ANY CABLE. CABLES SCHEDULED FOR REMOVAL WILL BE CUT BY MCI OPERATIONS PERSONNEL, AND ONLY AFTER VERIFICATION THAT ALL TRAFFIC HAS BEEN OFF-LOADED.
- EXTREME CAUTION MUST BE USED AT ALL TIMES WHEN WORKING ON OR NEAR ACTIVE CABLES. AN MCI EMPLOYEE OR CONTRACT REPRESENTATIVE MUST APPROVE AND BE PRESENT PRIOR TO AND DURING ALL CABLE HANDLING ACTIVITIES.
- TOOLS AND EQUIPMENT SPECIFICALLY DESIGNED FOR THE JOB AT HAND ARE REQUIRED. USE THE PROPER TOOL FOR THE JOB.
- CONDUIT WORK INVOLVING ACTIVE CABLES REQUIRES SPECIALIZED TOOLS SPECIFICALLY DESIGNED TO ACCESS DUCTS WITH ACTIVE CABLES.
- PROTECTING MCI FACILITIES IS EXTREMELY IMPORTANT; HOWEVER, SAFETY REGARDING YOURSELF AND OTHERS IS THE MOST IMPORTANT PART OF ANY PROJECT.

PROJECT:

PROJECT ID NUMBER:
1902 CHEM ROW NRGV 0777

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

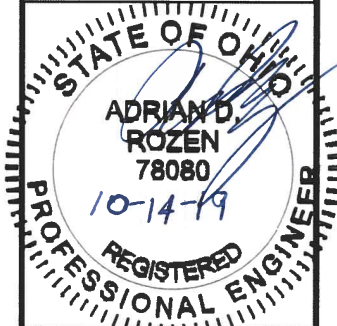
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ACCESS TRANSMISSION SERVICES, CORP

Mastec
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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: D-01

MCI METRO GENERAL NOTES AND REQUIREMENTS

CONSTRUCTION NOTES

- ALL CONDUIT WILL BE 4" ID SCHEDULE 40 (i.e. PVC OR BSP/GSP, MANUFACTURED SPLIT PVC OR SPLIT BSP/GSP), UNLESS SPECIFIED OTHERWISE.
- CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. SEE CONTACT SHEET FOR CONTACT NAME AND TELEPHONE NUMBER.
- ALL UNDERGROUND OBSTRUCTIONS, WHEN LOCATED, WILL REQUIRE THE PLACEMENT OF A BURIED CABLE MARKER AND THE PLACEMENT OF 4' MANUFACTURED SPLIT PVC, BSP/GSP OVER OR UNDER EACH OBSTRUCTION.
- SHORING MAY BE REQUIRED AND SHALL COMPLY WITH O.S.H.A. STANDARDS.
- ALL BURIED CONDUIT/CABLE WILL BE PLACED AT 42" MINIMUM COVER UNLESS SPECIFIED OTHERWISE ON THE CONSTRUCTION DRAWINGS.
- MECHANICAL PROTECTION SHALL BE REQUIRED ANYTIME A 36" MINIMUM COVER IS UNOBTAINABLE UNLESS SPECIFIED OTHERWISE ON THE CONSTRUCTION DRAWINGS.
- ALL 90 DEGREE BENDS IN CONDUIT CONSTRUCTION WILL BE A MINIMUM 38.2" RADIUS UNLESS SPECIFIED OTHERWISE. ALL SPLIT CONDUIT BENDS AND SOLID PVC BENDS SHALL REQUIRE CONCRETE ENCASEMENT, UNLESS SPECIFIED OTHERWISE.
- OPERATIONS PERSONNEL TO BE CONTACTED BY THE CONTRACTOR 48 HOURS PRIOR TO CONSTRUCTION. SEE CONTACT SHEET FOR CONTACT NAME AND TELEPHONE NUMBER.
- ALL STATIONING IS BASED ON AS-BUILT INFORMATION, THEREFORE SOME VARIANCE SHOULD BE ANTICIPATED. ADJUST AS NEEDED.
- RAILROAD COMMUNICATION AND SIGNAL CABLES TO BE LOCATED PRIOR TO THE CONSTRUCTION ACTIVITY. RAILROAD TO BE GIVEN 48 HOURS NOTICE PRIOR TO CONSTRUCTION.
- ALL BURIED CABLE MARKER POSTS AND HARDWARE PLACED AND/OR REMOVED ON ALL NEW AND EXISTING ROUTES SHALL BE IMPLEMENTED AS FOLLOWS.
 - ON THOSE ROUTES THAT ARE CONSIDERED TO BE IN A NORTH TO SOUTH GEOGRAPHICAL ORIENTATION, THE SOUTHERN-MOST SIGN AND POST SHOULD BE REMOVED. FOR NEW ROUTES BEING CONSTRUCTED, ONE SIGN POST WILL BE PLACED AT THE NORTH END OF EACH HANDHOLE.
 - ON THOSE ROUTES THAT ARE CONSIDERED TO BE IN AN EAST TO WEST GEOGRAPHICAL ORIENTATION, THE WESTERN-MOST SIGN AND POST SHOULD BE REMOVED. FOR NEW ROUTES BEING CONSTRUCTED, ONE SIGN POST WILL BE PLACED AT THE EAST END OF THE EACH HANDHOLE.

FIBER OPTIC CABLE UNCOVERING SYSTEM

- THE TITLE OF THIS PROGRAM, F.O.C.U.S., AN ACRONYM FOR "FIBER OPTIC CABLE UNCOVERING SYSTEM," WAS SELECTED TO REMIND EVERYONE INVOLVED WITH WORKING NEAR MCI'S ACTIVE FIBER OPTIC SYSTEMS TO FOCUS ON PROTECTING THE FACILITIES. IF, DURING THE COURSE OF THE PROJECT, YOU NOTICE ANY ACTIVITY WHICH MAY JEOPARDIZE THE MCI OSP FACILITIES, IT IS YOUR DUTY TO STOP THE WORK AND RE-F.O.C.U.S.
- F.O.C.U.S. RULES MUST BE FOLLOWED ON ALL MCI PROJECTS INVOLVING WORK ON OR NEAR MCI OSP FACILITIES. SAFETY IS MCI'S NUMBER ONE PRIORITY; EVERYONE MUST REFRAIN FROM UNSAFE AND IMPROPER PRACTICES.
- REVIEW OF F.O.C.U.S. IS MANDATORY AT EVERY PRE-BID, PRE-CONSRUCTION SITE MEETING AND DAILY TAILGATE MEETING. F.O.C.U.S. DISCUSSION MUST INCLUDE SITE-SPECIFIC HISTORY, UNIQUE PROBLEMS, FACILITY CONFIGURATIONS THAT MAY BE ENCOUNTERED, AND PAST ERRORS. "THOSE WHO DO NOT LEARN FROM HISTORY ARE DOOMED TO REPEAT IT." DO NOT LET THIS HAPPEN TO YOU.
- ANY WORK NEAR OR REQUIRING HANDLING OF MCI OUTSIDE PLANT FACILITIES CAN ONLY BE PERFORMED WITH AN MCI EMPLOYEE OR CONTRACT REPRESENTATIVE PRESENT -- THIS MEANS OUT OF HIS OR HER VEHICLE AND DIRECTLY MONITORING THE SYSTEM. THE REPRESENTATIVE MUST HAVE A PROPERLY OPERATING CABLE LOCATOR CHECKED FOR ACCURACY EVERY DAY PRIOR TO COMMENCEMENT OF WORK (COMPARISON OF LINE AND DEPTH READINGS TO ACTUAL LINE AND DEPTH OF THE CABLE).
- LOCATE AND POTHOLE REQUIREMENTS:
 - PRIOR TO ANY EXCAVATION, THE MCI EMPLOYEE OR CONTRACT REPRESENTATIVE MUST VERIFY THE INITIAL LOCATE MARKS COMPLETED BY MCI OPERATIONS. DO NOT TRUST LOCATE RESULTS COMPLETED BY OTHERS! THE MCI OR CONTRACT REPRESENTATIVE MUST LOCATE THE CABLE RUNNING LINE BY MAKING AT LEAST ONE PASS IN EACH DIRECTION. LOCATE RESULTS MUST THEN BE COMPARED WITH PREVIOUS MARKS AND THE AS-BUILTS.
 - IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 3 FEET OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POTHOLE (ALL POTHOLES MUST BE COMPLETED BY HAND DIGGING OR VACUUM EXCAVATION) A MINIMUM OF EVERY 15 FT., THEN EXPOSE THE ENTIRE LENGTH OF THE CABLE BY HAND DIGGING OR VACUUM EXCAVATION.
 - IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 5 FEET (BUT NOT CLOSER THAN 3 FEET) OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POTHOLE THE CABLE A MINIMUM OF EVERY 15 FT.
 - IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 15 FEET (BUT NOT CLOSER THAN 5 FEET) OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POTHOLE THE CABLE A MINIMUM OF EVERY 30 FT.
 - THE CABLE WILL ALSO BE POTHOLED AT ANY CHANGE IN THE RUNNING LINE OF MORE THAN 1 FT. IN ANY DIRECTION, ANYTIME THE ACCURACY OF THE ELECTRONIC LOCATE IS QUESTIONED, OR THE MARKED RUNNING LINE DOES NOT MATCH THE AS-BUILTS.
- EXPOSING REQUIREMENTS:
 - NO MECHANICAL EXCAVATION WITHIN 3 FT. OF OSP FACILITIES WILL BE ALLOWED UNLESS THE FACILITIES HAVE FIRST BEEN PROPERLY LOCATED, POTHOLED, POSITIVELY IDENTIFIED, CONTINUOUSLY EXPOSED BY HAND DIGGING OR VACUUM EXCAVATION, AND THE FACILITES ARE CLEARLY VISIBLE.
 - IN ADDITION, MECHANICAL EXCAVATION WITHIN 3 FT. OF OSP FACILITIES REQUIRES ON-SITE PRIOR APPROVAL FROM MCI'S EMPLOYEE OR CONTRACT REPRESENTATIVE.
- PLEASE REFER TO THE LATEST EDITION OF THE MCI OSP HANDBOOK FOR ADDITIONAL DETAILS. KNOW IT AND FOLLOW IT.

PROJECT:

PROJECT ID NUMBER:
1902 CHEM ROW NRGV 0777

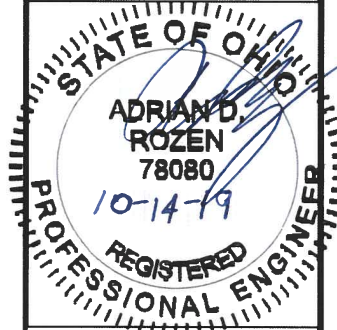
PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

MCI metro
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SCALE

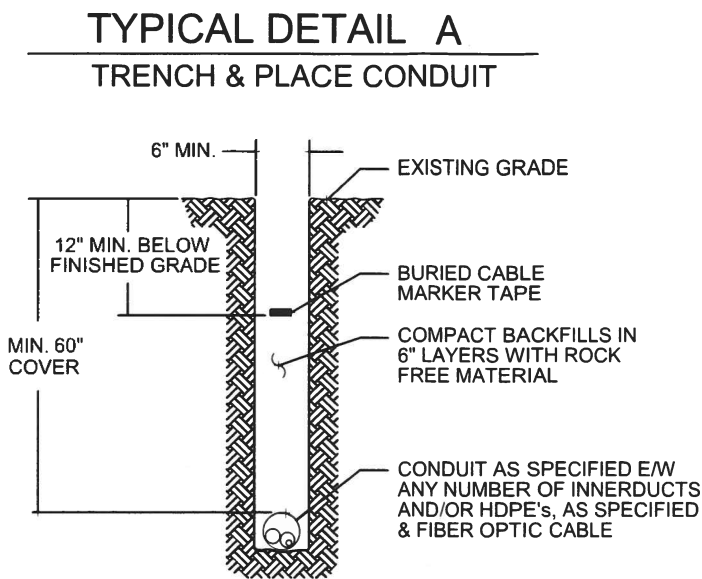
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VERTICAL: N/A

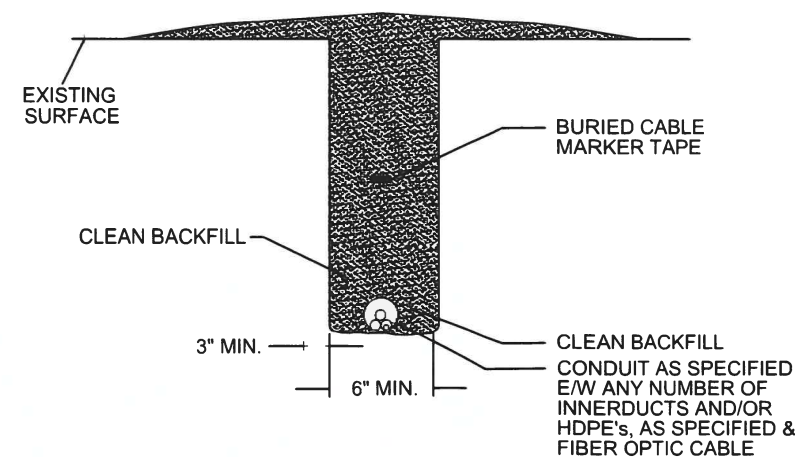
SHEET: D-02

MCI CONSTRUCTION DETAILS/TYPICALS

TYPICAL OPEN TRENCH DETAIL



TYPICAL DETAIL B
REMOVE AND RESTORE NATURAL SURFACE FOR CONDUIT



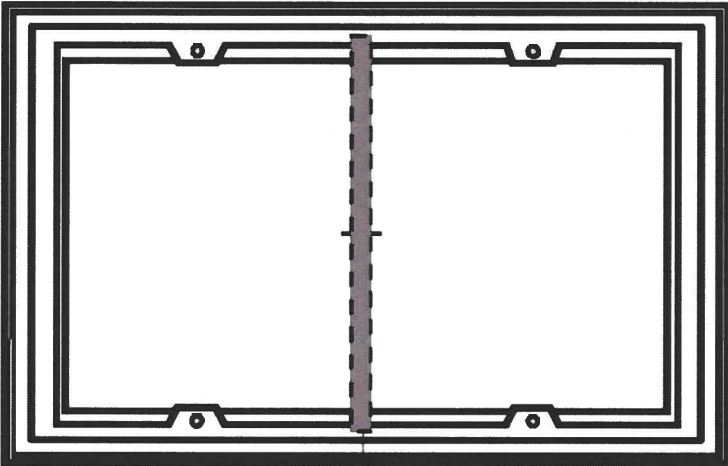
PROJECT:		
PROJECT ID NUMBER: 1902 CHEM ROW NRGV 0777		
PERMITTING ENTITY: CITY OF NORTH RIDGEVILLE		
PROJECT LOCATION: NORTH RIDGEVILLE, OH		
MCI metro ACCESS TRANSMISSION SERVICES, CORP	Mastec OUTSIDE PLANT CONSTRUCTION	WESTLAKE, FDA006 NRGV UG CONST PHASE II UNDERGROUND CONDUIT INSTALLATION
FORESITE group Foresite Group, LLC 3000 E Cesar Chavez St Suite 400 Austin, TX 78702 w www.ignic.net o 334.887.6084 f 334.887.6024		
STATE OF OHIO ADRIAN D. ROZEN 78080 10-14-19 REGISTERED PROFESSIONAL ENGINEER		
ENGINEER: AB		
DRAWN BY: SD		
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SCALE		
HORIZONTAL:	N/A	
VERTICAL:	N/A	
SHEET: D-03		

MCI CONSTRUCTION DETAILS/TYPICALS

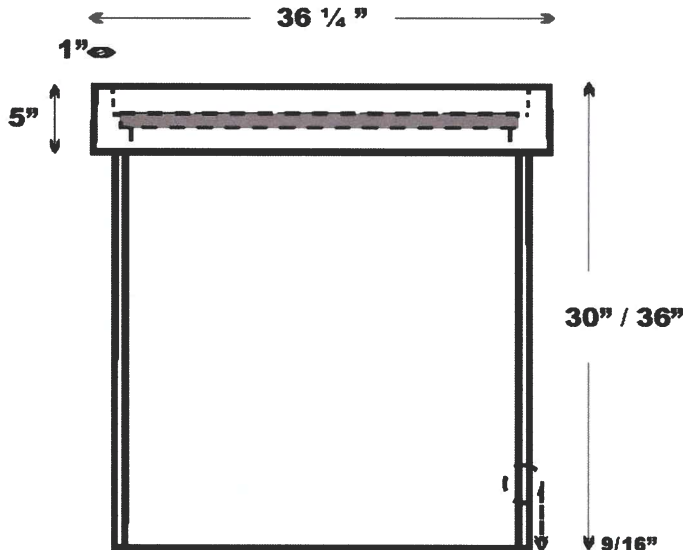
3060 Polymer Concrete Series / Tier 15 & 22



TOP VIEW



DROP IN STEEL BEAM (2" X 1" X 32")



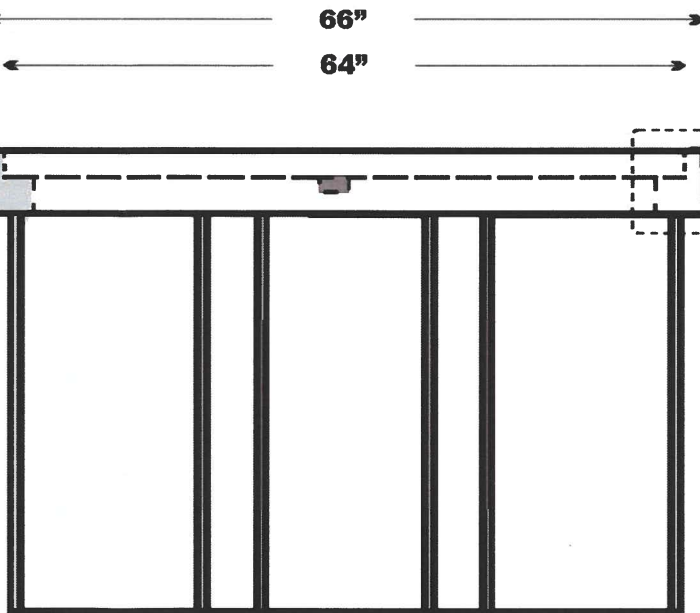
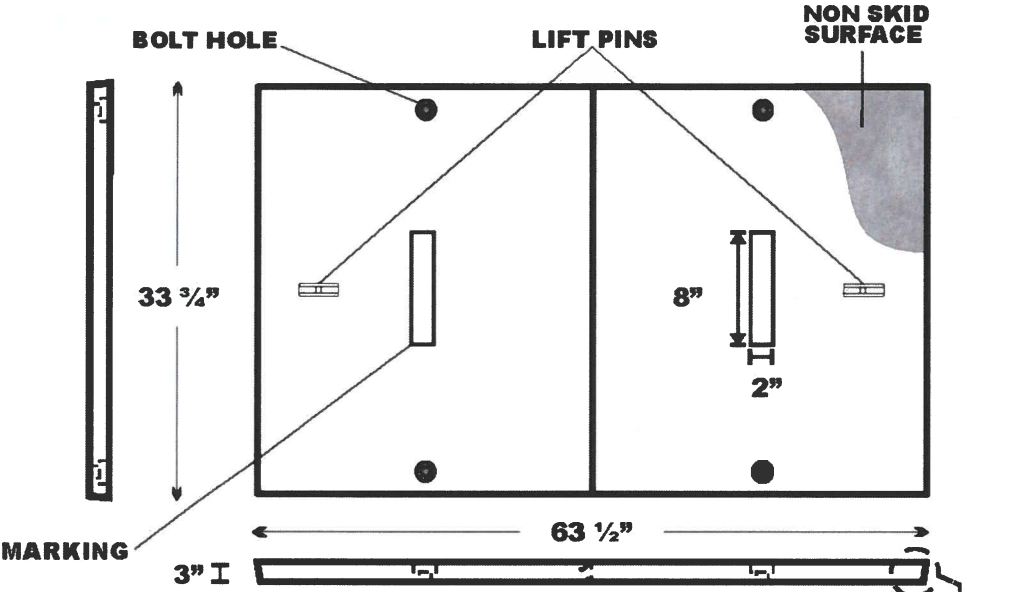
END VIEW

Cut-Away View

Interior Wall
Exterior Wall
Yellow Represents 10 oz Mat - built into the interior and exterior wall

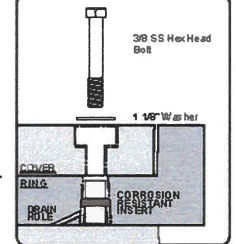


COVER VIEW



Cut-Away View

Hardware Detail



SIDE VIEW

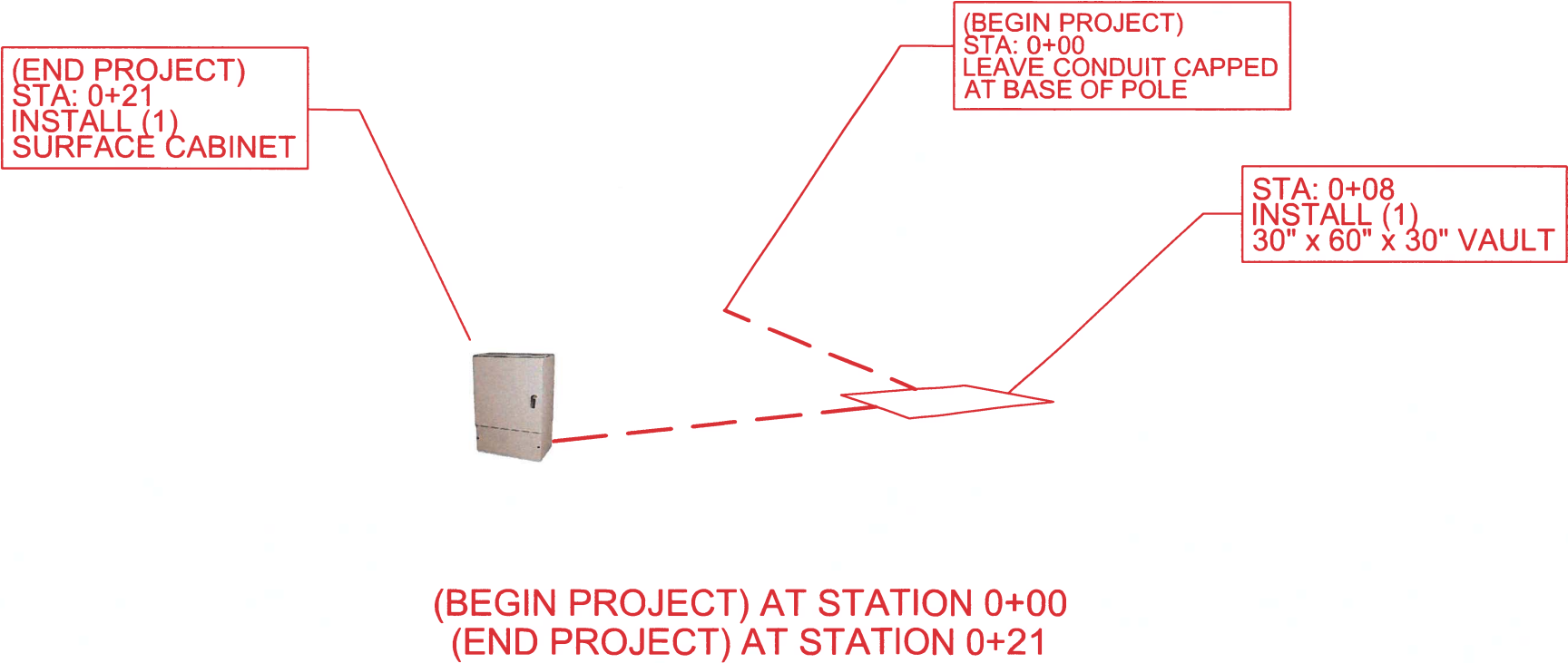
Part No. 3060 Polymer Concrete Series			
Body: Polymer Concrete		Cover: Polymer Concrete	
Weight: Varies	Tolerance +/- 1/8"	ANSI/SCTE 77 2013	
October 21, 2014	File 3060 PC Series	Tier 15/22 Rated	
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"Your Underground Enclosure Experts"
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PROJECT:		
PROJECT ID NUMBER: 1902 CHEM ROW NRGV 0777		
PERMITTING ENTITY: CITY OF NORTH RIDGEVILLE		
PROJECT LOCATION: NORTH RIDGEVILLE, OH		
MCI metro ACCESS TRANSMISSION SERVICES, CORP Mastec OUTSIDE PLANT CONSTRUCTION WESTLAKE_FDA006 NRGV UG CONST PHASE II UNDERGROUND CONDUIT INSTALLATION		
FORESITE group Foresite Group, LLC 3000 E Cesar Chavez St. Suite 400 Austin, TX 78702 w www.fg-mc.net o 334.887.6054 f 334.887.6024		
ENGINEER: AB		
DRAWN BY: SD		
REVISIONS		
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SCALE		
HORIZONTAL:		N/A
VERTICAL:		N/A
SHEET: D-04		

INSTALLATION IMAGES



PROJECT:

PROJECT ID NUMBER:
1902 CHEM ROW NRGV 0777

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP

OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA006 NRGV UG CONST PHASE II
UNDERGROUND CONDUIT INSTALLATION

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334.887.6024

STATE OF OHIO
REGISTERED PROFESSIONAL ENGINEER
ADRIAN D. ROZEN
78080
10-14-19

ENGINEER: AR

DRAWN BY: SD

REVISIONS		
DATE	DESCRIPTION	INITIAL

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SCALE	
HORIZONTAL:	N/A
VERTICAL:	N/A

SHEET: E-01

TRAFFIC CONTROL PLAN - TYPICAL DETAILS

Notes for Figure 6H-1—Typical Application 1 Work Beyond the Shoulder

Guidance:

- 1. If the work space is in the median of a divided highway, an advance warning sign should also be placed on the left side of the directional roadway.

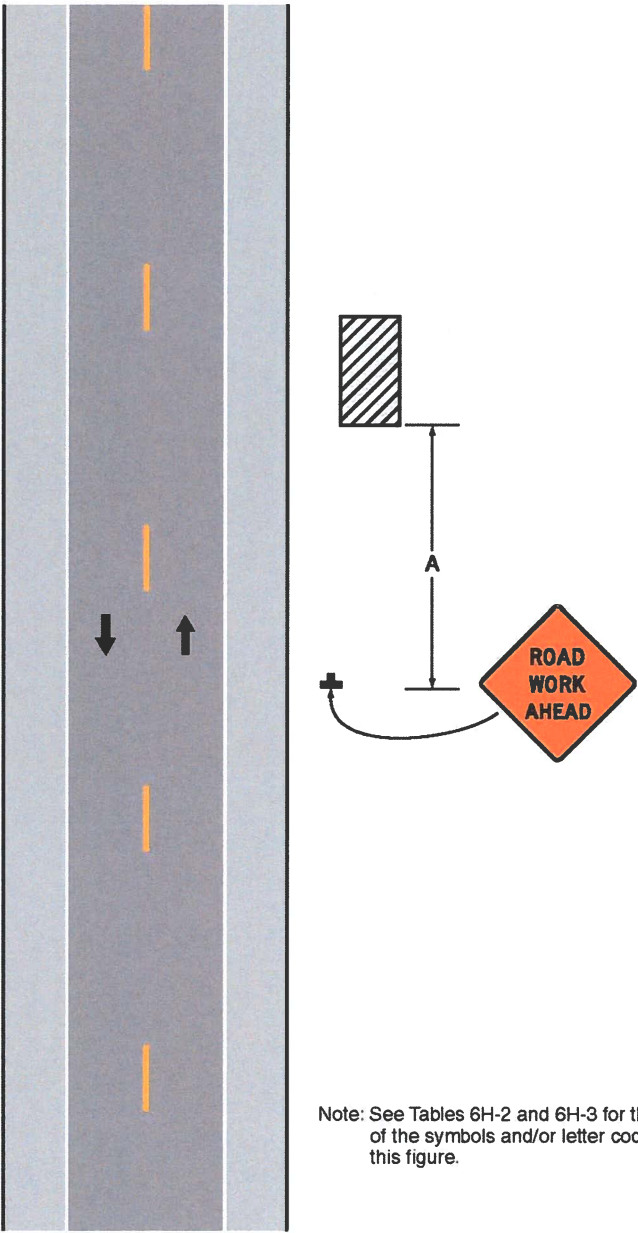
Option:

- 2. The ROAD WORK AHEAD sign may be replaced with other appropriate signs such as the SHOULDER WORK sign. The SHOULDER WORK sign may be used for work adjacent to the shoulder.
- 3. The ROAD WORK AHEAD sign may be omitted where the work space is behind a barrier, more than 24 inches behind the curb, or 15 feet or more from the edge of any roadway.
- 4. For short-term, short duration or mobile operation, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
- 5. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

Standard:

- 6. Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.

Figure 6H-1. Work Beyond the Shoulder (TA-1)



Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Typical Application 1

PROJECT:

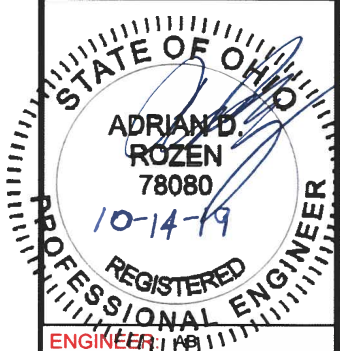
PROJECT ID NUMBER:
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ENGINEER: AD

DRAWN BY: SD

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SCALE

HORIZONTAL: N/A
VERTICAL: N/A

SHEET: F-01

TRAFFIC CONTROL PLAN - TYPICAL DETAILS

Table 6H-2. Meaning of Symbols on Typical Application Diagrams

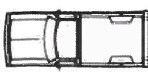
	Arrow board		Shadow vehicle
	Arrow board support or trailer (shown facing down)		Sign (shown facing left)
	Changeable message sign or support trailer		Surveyor
	Channelizing device		Temporary barrier
	Crash cushion		Temporary barrier with warning light
	Direction of temporary traffic detour		Traffic or pedestrian signal
	Direction of traffic		Truck-mounted attenuator
	Flagger		Type 3 barricade
	High-level warning device (Flag tree)		Warning light
	Longitudinal channelizing device		Work space
	Luminaire		Work vehicle
	Pavement markings that should be removed for a long-term project		

Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	100 feet	100 feet	100 feet
Urban (high speed)*	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

* Speed category to be determined by highway agency

** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

Table 6H-4. Formulas for Determining Taper Length

Speed (S)	Taper Length (L) in feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

Where: L = taper length in feet
W = width of offset in feet
S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

PROJECT:

PROJECT ID NUMBER:
1902 CHEM ROW NRGV 0777

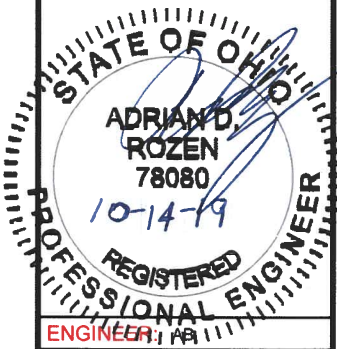
PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP
Mastec
OUTSIDE PLANT CONSTRUCTION
WESTLAKE_FDA006 NRGV UG CONST PHASE II
UNDERGROUND CONDUIT INSTALLATION

FORESITE
group

ForeSite Group, LLC
3000 E Cesar Chavez St
Suite 400
Austin, TX 78702
www.fs-inc.net
334.887.6064
334.887.6024



ENGINEER: AD

DRAWN BY: SD

REVISIONS

DATE	DESCRIPTION	INITIAL

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI COMMUNICATIONS SERVICES, INC. BOTH BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE

HORIZONTAL: N/A
VERTICAL: N/A

SHEET: F-02

MCImetro
ACCESS TRANSMISSION SERVICES CORP



OUTSIDE PLANT CONSTRUCTION



ENGINEERING SERVICES

WESTLAKE_FDA024 NRGV UG CONST PHASE I

NORTH RIDGEVILLE, OH

**UNDERGROUND CONDUIT INSTALLATION
RIGHT-OF-WAY CONSTRUCTION PERMIT**

MCI PERMIT NUMBER: 1906CRZP_ROW_NRGV_0180
SITE CODE: 1902CRZP



PROJECT STATUS: PERMITTING
STATUS DATE: 10/11/2019

SHEET INDEX

GENERAL PROJECT INFORMATION (A-SERIES)

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SHEET INDEX	A-01
PROJECT OVERVIEW	A-02
SYMBOL KEY	A-03

CONTACT INFORMATION (B-SERIES)

CONTACT INFORMATION SHEET	B-01
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CONSTRUCTION PLANS (C-SERIES)

SITE PLAN SHEETS	C-01 - C-07
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STANDARD NOTES & DETAILS (D-SERIES)

GENERAL NOTES	D-01 - D-02
CONSTRUCTION DETAIL DRAWINGS	D-03 - D-04

SPECIFIC NOTES & DETAILS (E-SERIES)

INSTALLATION IMAGES	E-01 - E-02
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ADDITIONAL INFORMATION (F-SERIES)

TRAFFIC CONTROL TYPICALS	F-01 - F-02
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PROJECT:

PROJECT ID NUMBER:
1906CRZP ROW NRGV 0180

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

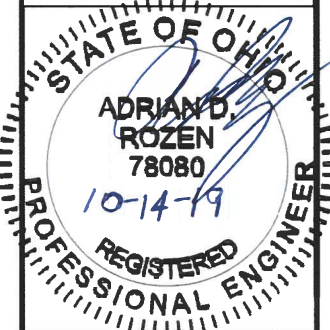
PROJECT LOCATION:
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP


OUTSIDE PLANT CONSTRUCTION
WESTLAKE, FDA024 NRGV UG CONST PHASE I
UNDERGROUND CONDUIT INSTALLATION

FORESITE
group

ForeSite Group, LLC
3000 E Cesar Chavez St
Suite 400
Austin, TX 78702
www.fs-ipc.net
334.887.6084
334.887.6024



ENGINEER: AB

DRAWN BY: SD

REVISIONS

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: A-01

PROJECT OVERVIEW



PROJECT SCOPE

ADDRESS RANGE TABLE

PRIMARY STREET	ADDRESSES	CROSS STREET(S)
SUGAR RIDGE RD	36080-36466	NONE

PROJECT QUANTITIES

INSTALL	QNTY
2"D CONDUIT (DIRECT. BORE)	1438 LF
2"D CONDUIT (MISSILE BORE)	0 LF
2"D CONDUIT (TRENCH)	0 LF
17"X30"X24" VAULT(S)	1
24"X36"X24" VAULT(S)	0
30"X48"X24" VAULT(S)	0
30"X60"X30" VAULT(S)	0
48"X48"X48" MANHOLE(S)	0

PROJECT:
PROJECT ID NUMBER
1906CRZP ROW NRGV 0180
PERMITTING ENTITY
CITY OF NORTH RIDGEVILLE
PROJECT LOCATION
NORTH RIDGEVILLE, OH

MCimetro
ACCESS TRANSMISSION SERVICES, CORP

Mastec
OUTSIDE PLANT CONSTRUCTION
WESTLAKE_FDA024 NRGV UG CONST PHASE I
UNDERGROUND CONDUIT INSTALLATION

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STATE OF OHIO
ADRIAN D. ROZEN
78080
10-14-19
REGISTERED
PROFESSIONAL ENGINEER

ENGINEER: AB
DRAWN BY: SD

REVISIONS

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SCALE

HORIZONTAL: N/A
VERTICAL: N/A

SHEET: A-02

SYMBOL KEY

MCI PROPOSED CONSTRUCTION

	DIRECTIONAL BORE/MISSILE BORE
	OPEN TRENCH
	17"X30"X24" VAULT
	24"X36"X24" VAULT
	30"X48"X24" VAULT
	30"X60"X30" VAULT
	BORE PIT
	48"X48"X48" MANHOLE
	SPLICE ENCLOSURE

MCI EXISTING/FUTURE CONSTRUCTION

	EXISTING MCI METRO CONDUIT
	EXISTING MCI METRO VAULT
	FUTURE MCI METRO CONDUIT
	FUTURE 17"X30"X24" VAULT
	FUTURE 24"X36"X24" VAULT
	FUTURE 30"X48"X24" VAULT
	FUTURE 36"X60"X36" VAULT

OTHER UTILITIES

	WATER LINE
	FIRE HYDRANT
	WATER VALVE
	WATER METER
	STORMWATER LINE
	STORMWATER ACCESS
	STORMWATER CATCH BASIN
	WASTEWATER LINE
	WASTEWATER MANHOLE
	OVERHEAD POWER LINE
	UNDERGROUND POWER LINE
	POWER TRANSFORMER
	POWER MANHOLE
	POWER JUNCTION BOX
	POWER CABINET
	POWER VAULT
	POLE
	STREET LIGHT
	TRAFFIC LIGHT

OTHER UTILITIES

	GAS LINE
	GAS METER
	GAS VALVE
	TELECOM LINE
	TELECOM MANHOLE
	TELECOM CABINET
	TELECOM VAULT
	UNKNOWN MANHOLE
	UNKNOWN VAULT

PLANIMETRICS

	SIDEWALK
	EDGE OF PAVEMENT
	BACK OF CURB
	RIGHT OF WAY
	STREET CENTERLINE
	TREE

PROJECT:

PROJECT ID NUMBER:
1906CRZP ROW NRGV 0180

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

MCI metro

ACCESS TRANSMISSION SERVICES, CORP

Mastec

OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA024 NRGV UG CONST PHASE I

UNDERGROUND CONDUIT INSTALLATION

FORESITE group

ForeSite Group, LLC
3000 E Cesar Chavez St
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Austin, TX 78702

www.fs-inc.net

334.887.6064

334.887.6024

STATE OF OHIO

ADRIAN D. ROZEN

78080

10-14-19

REGISTERED PROFESSIONAL ENGINEER

ENGINEER: AB

DRAWN BY: SD

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: A-03

CONTACT INFORMATION

MCI METRO INC.

OUTSIDE PLANT ENGINEERING:

SENIOR PROJECT ENGINEER: PATRICK WEAVER	(412)290-6995
PROJECT ENGINEER: JEFF KADUSKY	(330)819-1444
PROJECT MANAGER: DAVID GROSS	(216)462-2281

RIGHT-OF-WAY:

MANAGER: AARON CORNISH	(972)457-8360
---------------------------	---------------

ENGINEERING CONTRACTOR:

NAME OF FIRM: FORESITE GROUP	
PROJECT MANAGER: JAMES POHLOD	(310)351-1030
PROJECT ENGINEER: ARNALDO BLANCO ADRIAN ROZEN	(787)349-2960 (813)549-3250

CONSTRUCTION CONTRACTOR:

NAME OF FIRM: MASTEC	
PROJECT MANAGER: DAN KUCHES	(984)218-3122
PROJECT SUPERVISOR: BRIAN ANDERSON	(216)212-2498

UTILITIES

MCI UTILITY LOCATE	1-(800)624-9675
ONE CALL SYSTEM (UTILITY LOCATES)	
AT&T OHIO: JOHN GARRITY	(262)896-6552
BRAINARD GAS CORPORATION: TBD	(440)437-8600
CENTURYTEL/CENTURYLINK: TBD	TBD
CLEVELAND ELECTRIC ILLUMINATING: REBECCA	(440)546-8744
PEPPERS CLEVELAND PUBLIC POWER: CHRIS HIRZEL	(216)420-7704.122
CLEVELAND-CUYAHOGA COUNTY PORT AUTHORITY:	(216)241-8004
TBD COLUMBIA GAS OF OHIO, INC.: TBD	TBD
CONSUMERS GAS CORPORATIVE: DAN BURKHART	(330)682-4144
DOMINION EAST OHIO: TBD	TBD
FIBER TECHNOLOGIES NETWORKS LLC: NICOLE	(585)697-5130
WALKER FRONTIER/NORTH: TAMMY ALBRIGHT	TBD
GRANGER ENERGY OF LAKE COUNTY: TBD	(517)372-2800
KNOX ENERGY COOPERATIVE ASSOCIATION, INC: TBD	(330)498-9130
NORTHEAST OHIO NATURAL GAS CORPORATION: TBD	1-(800)237-2099
OHIO EDISON: AMANDA RICHARDSON	1-(800)633-4766
OHIO RURAL NATURAL GAS COOPERATIVE: TBD	(440)255-5198
ORWELL NATURAL GAS COMPANY: TBD	TBD
PAINESVILLE ELECTRIC: J. MCHUGH	(440)392-5926
SUMMIT COUNTY PORT AUTHORITY: LORI SALLAZ	(330)762-4776
SUNESYS-NOW CROWN CASTLE FIBER: TBD	TBD
WINDSTREAMOHIO: TBD	TBD
WINDSTREAMWESTERNRESERVE: TBD	TBD

PROJECT:

PROJECT ID NUMBER:
1906CRZP ROW NRGV 0180

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

MCI metro
ACCESS TRANSMISSION SERVICES, CORP

Mastec
OUTSIDE PLANT CONSTRUCTION

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o | 334.887.6064
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STATE OF OHIO

ADRIAN D. ROZEN
78080
10-14-19

REGISTERED
PROFESSIONAL ENGINEER

ENGINEER: AB

DRAWN BY: SD

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SCALE

HORIZONTAL: N/A

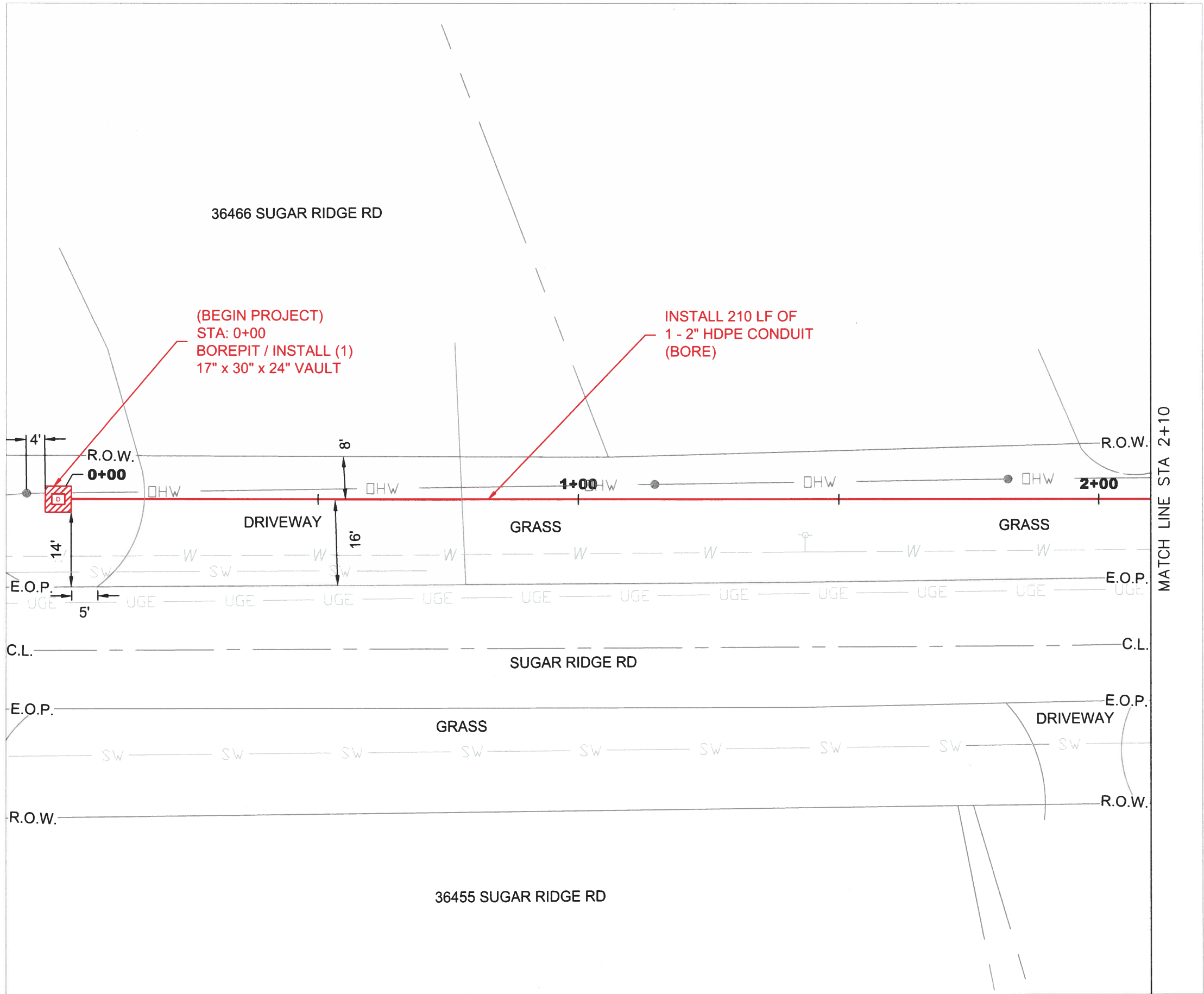
VERTICAL: N/A

SHEET: B-01



LEGEND:

- BORE/MISSILE BORE
- OPEN TRENCH
- SW — SIDEWALK
- E.O.P — EDGE OF PAVEMENT
- B.O.C — BACK OF CURB
- R.O.W. — RIGHT OF WAY
- C.L. — STREET CENTERLINE
- POT HOLE LOCATION



NOTE TO CONTRACTOR:
ANY BOREPITS DUG NEXT TO DRIPLINE OF AN EXISTING TREE
TO BE DUG USING HYDRO VACUUM EXCAVATION.

CAUTION!!
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CONTRACTOR TO PLACE UTILITY WITH A MINIMUM OF 36
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MAINTAIN 24 INCHES OF SEPARATION FROM OTHER UTILITIES.
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UTILITY LOCATIONS SHOWN ON THIS PLAN ARE BASED ON
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PROJECT:

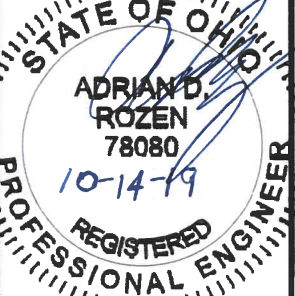
PROJECT ID NUMBER:
1906CRZP ROW NRGV 0180

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP
Mastec
OUTSIDE PLANT CONSTRUCTION
WESTLAKE_FDA024 NRGV UG CONST PHASE I
UNDERGROUND CONDUIT INSTALLATION

FORESITE
group
ForeSite Group, LLC
3800 E. Crestview St.
Suite 400
Austin, TX 78702
www.fg-inc.net
P | 334.987.6024
F | 334.987.6024



ENGINEER: AB

DRAWN BY: SD

REVISIONS

DATE	DESCRIPTION	INITIAL

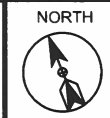
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BOTH BEING ISSUED IN STRICT CONFIDENCE AND SHALL
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PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE

HORIZONTAL: 1" = 20'

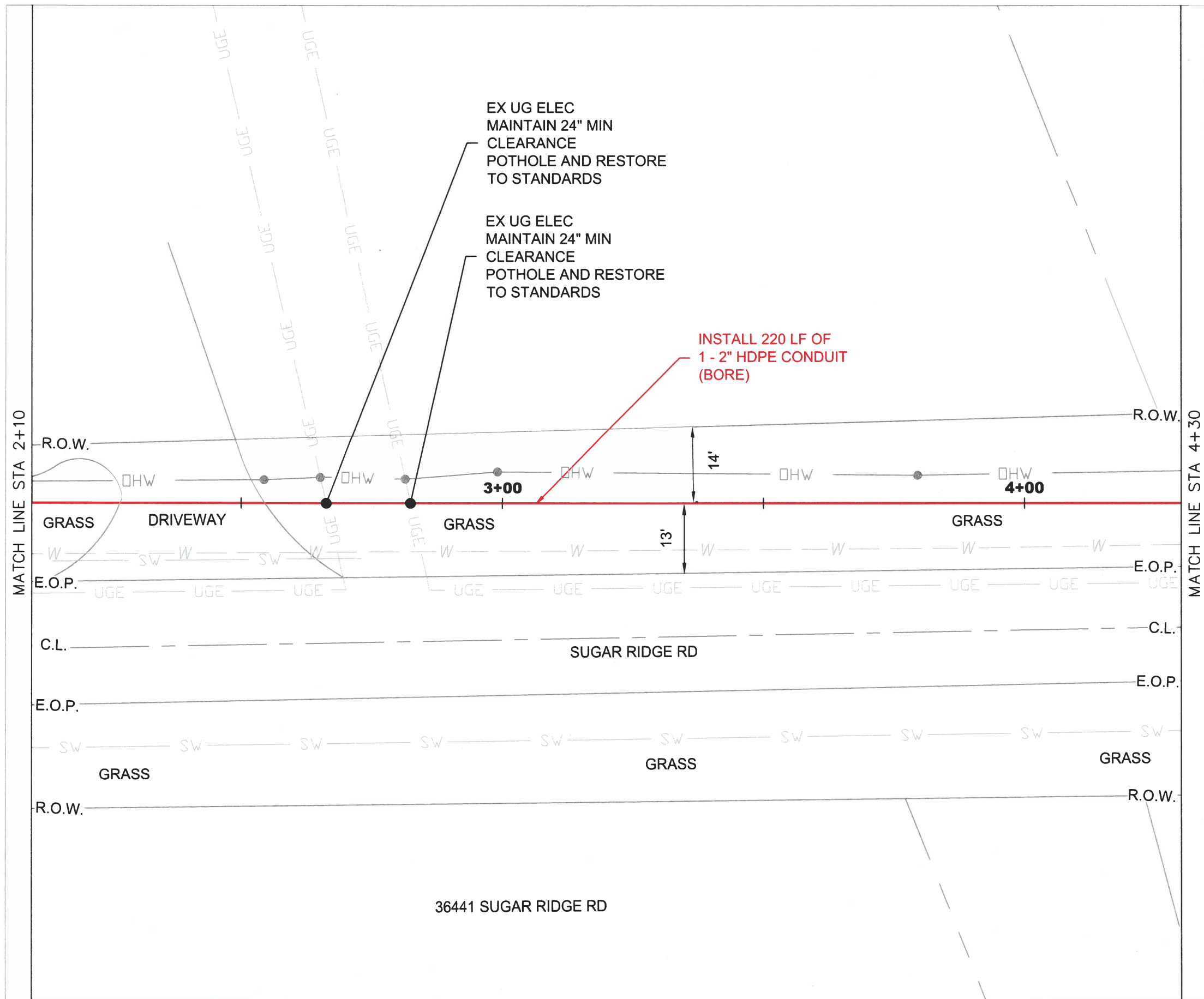
VERTICAL: N/A

SHEET: C-01



LEGEND:

- BORE/MISSILE BORE
- OPEN TRENCH
- S/W SIDEWALK
- E.O.P. EDGE OF PAVEMENT
- B.O.C. BACK OF CURB
- R.O.W. RIGHT OF WAY
- C.L. STREET CENTERLINE
- POTHOLE LOCATION



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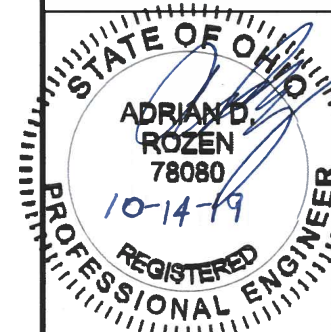
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PROJECT:

PROJECT ID NUMBER:
1906CRZP ROW NRGV 0180
PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE
PROJECT LOCATION:
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP
Mastec
OUTSIDE PLANT CONSTRUCTION
WESTLAKE_FDA024 NRGV UG CONST PHASE I
UNDERGROUND CONDUIT INSTALLATION

FORESITE
group
Foresite Group, LLC
3000 E Cesar Chavez St
Suite 400
Austin, TX 78702
www.fg-inc.net
334.887.6064
334.887.6024



ENGINEER: AB

DRAWN BY: SD

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

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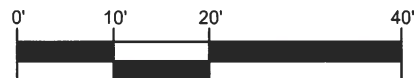
VERTICAL: N/A

SHEET: C-02



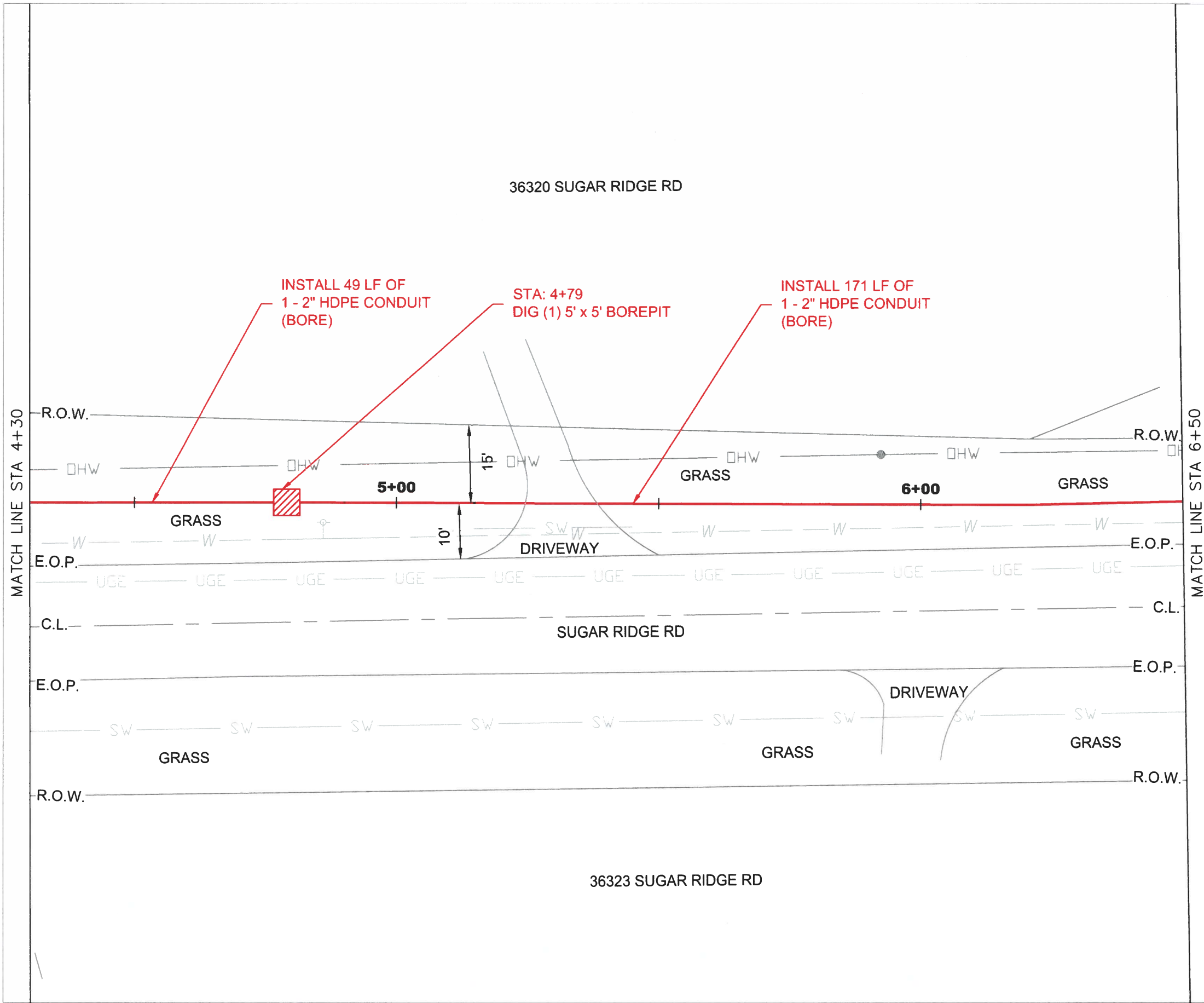
LEGEND:

- BORE/MISSILE BORE
- - - OPEN TRENCH
- S/W — SIDEWALK
- E.O.P. — EDGE OF PAVEMENT
- B.O.C. — BACK OF CURB
- R.O.W. — RIGHT OF WAY
- C.L. — STREET CENTERLINE
- POTHOLE LOCATION



MATCH LINE STA 4+30

MATCH LINE STA 6+50



NOTE TO CONTRACTOR:
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TO BE DUG USING HYDRO VACUUM EXCAVATION.

CAUTION!!
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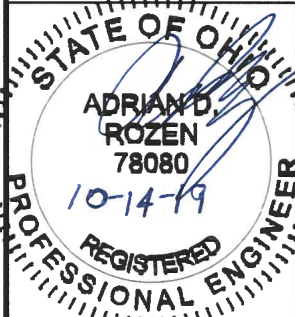
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PROJECT:
PROJECT ID NUMBER:
1906CRZP ROW NRGV 0180
PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE
PROJECT LOCATION:
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP
Mastec
OUTSIDE PLANT CONSTRUCTION
WESTLAKE_FDA024 NRGV UG CONST PHASE I
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ENGINEER: AB
DRAWN BY: SD

REVISIONS		
DATE	DESCRIPTION	INITIAL

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SCALE
HORIZONTAL: 1" = 20'
VERTICAL: N/A

SHEET: C-03



Know what's below.
Call before you dig.



LEGEND:

- BORE/MISSILE BORE
- OPEN TRENCH
- S/W SIDEWALK
- E.O.P. EDGE OF PAVEMENT
- B.O.C. BACK OF CURB
- R.O.W. RIGHT OF WAY
- C.L. STREET CENTERLINE
- POTHOLE LOCATION



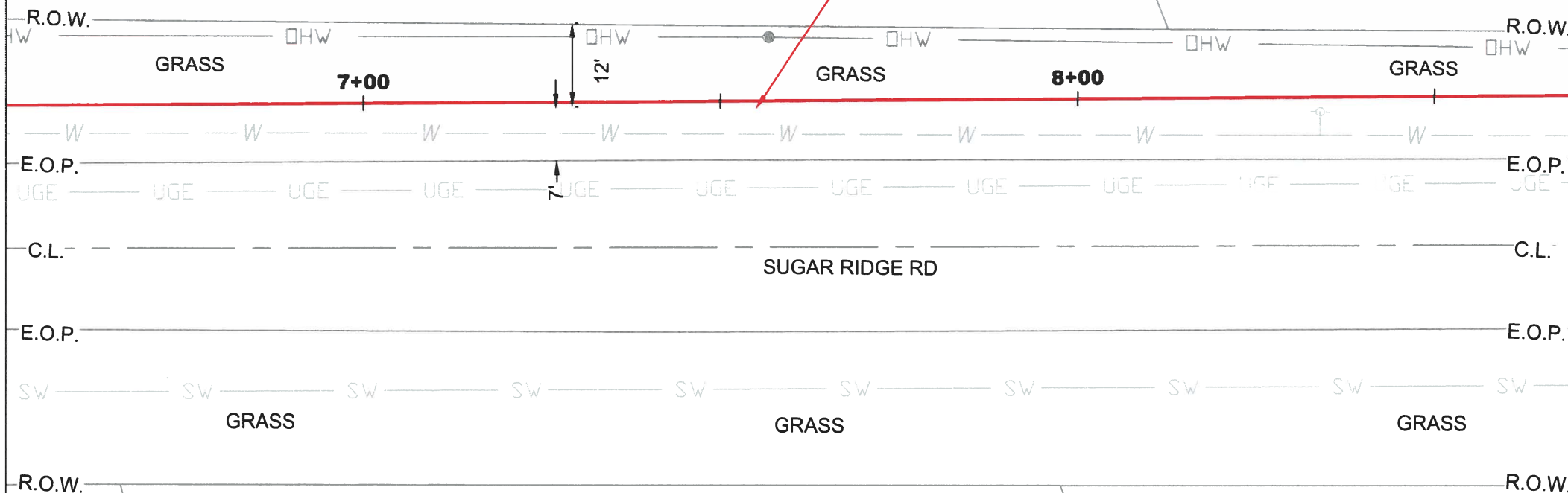
MATCH LINE STA 6+50

MATCH LINE STA 8+70

36320 SUGAR RIDGE RD

36260 SUGAR RIDGE RD

INSTALL 220 LF OF
1 - 2" HDPE CONDUIT
(BORE)



SUGAR RIDGE RD

36251 SUGAR RIDGE RD

NOTE TO CONTRACTOR:
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PROJECT:

PROJECT ID NUMBER:
1906CRZP ROW NRGV 0180

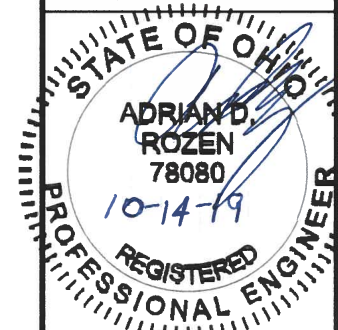
PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP
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OUTSIDE PLANT CONSTRUCTION
WESTLAKE_FDA024 NRGV UG CONST PHASE I
UNDERGROUND CONDUIT INSTALLATION

FORESITE
group

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3000 E Cesar Chavez St.
Suite 400
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www.fg-inc.net
334.887.5054
334.887.5024



ENGINEER: AB

DRAWN BY: SD

REVISIONS

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SCALE

HORIZONTAL: 1" = 20'

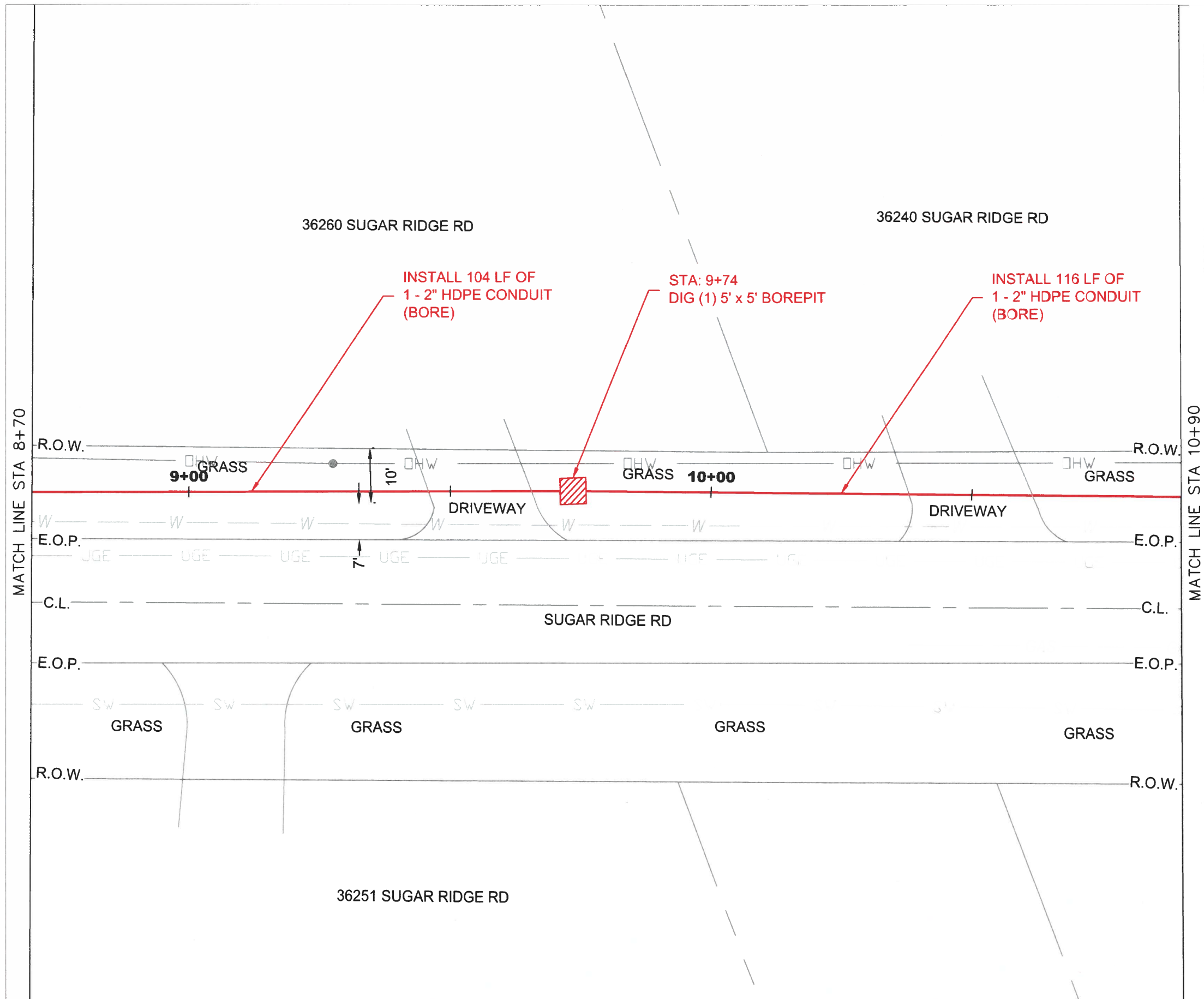
VERTICAL: N/A

SHEET: C-04



LEGEND:

- BORE/MISSILE BORE
- OPEN TRENCH
- S/W — SIDEWALK
- E.O.P. — EDGE OF PAVEMENT
- B.O.C. — BACK OF CURB
- R.O.W. — RIGHT OF WAY
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ACCORDANCE WITH ALL REQUIRED ADA STANDARDS AND
SPECIFICATIONS.

CONTRACTOR TO PLACE UTILITY WITH A MINIMUM OF 36
INCHES OF COVER WHEN UNOBSTRUCTED. CONTRACTOR TO
MAINTAIN 24 INCHES OF SEPARATION FROM OTHER UTILITIES.
DEPTH TO BE ADJUSTED ACCORDINGLY.

UTILITY LOCATIONS SHOWN ON THIS PLAN ARE BASED ON
DOCUMENT RESEARCH AND FIELD EVALUATION. THE
INFORMATION MAY NOT BE ACCURATE OR COMPLETE. IT IS
THE CONTRACTOR'S RESPONSIBILITY TO PHYSICALLY
LOCATE AND VERIFY LOCATION AND DEPTH OF ALL UTILITIES
WITHIN CONSTRUCTION PATH.
ALL INSTALLATIONS MUST COMPLY WITH MINIMUM
HORIZONTAL AND VERTICAL CLEARANCES FROM UTILITIES.

PROJECT:

PROJECT ID NUMBER:
1906CRZP ROW NRGV 0180
PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE
PROJECT LOCATION:
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP

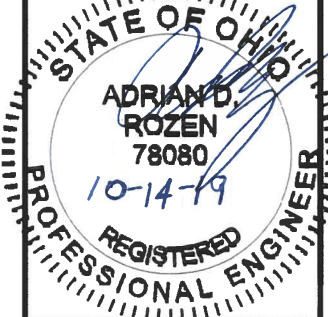
Mastec
OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA024 NRGV UG CONST PHASE I
UNDERGROUND CONDUIT INSTALLATION

FORESITE
group

ForeSite Group, LLC
3000 E Cesar Chavez St.
Suite 400
Austin, TX 78702

www.fg-mc.net
t 334.987.6054
f 334.987.6024



ENGINEER: AB

DRAWN BY: SD

REVISIONS		
DATE	DESCRIPTION	INITIAL

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT,
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PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE

HORIZONTAL: 1" = 20'

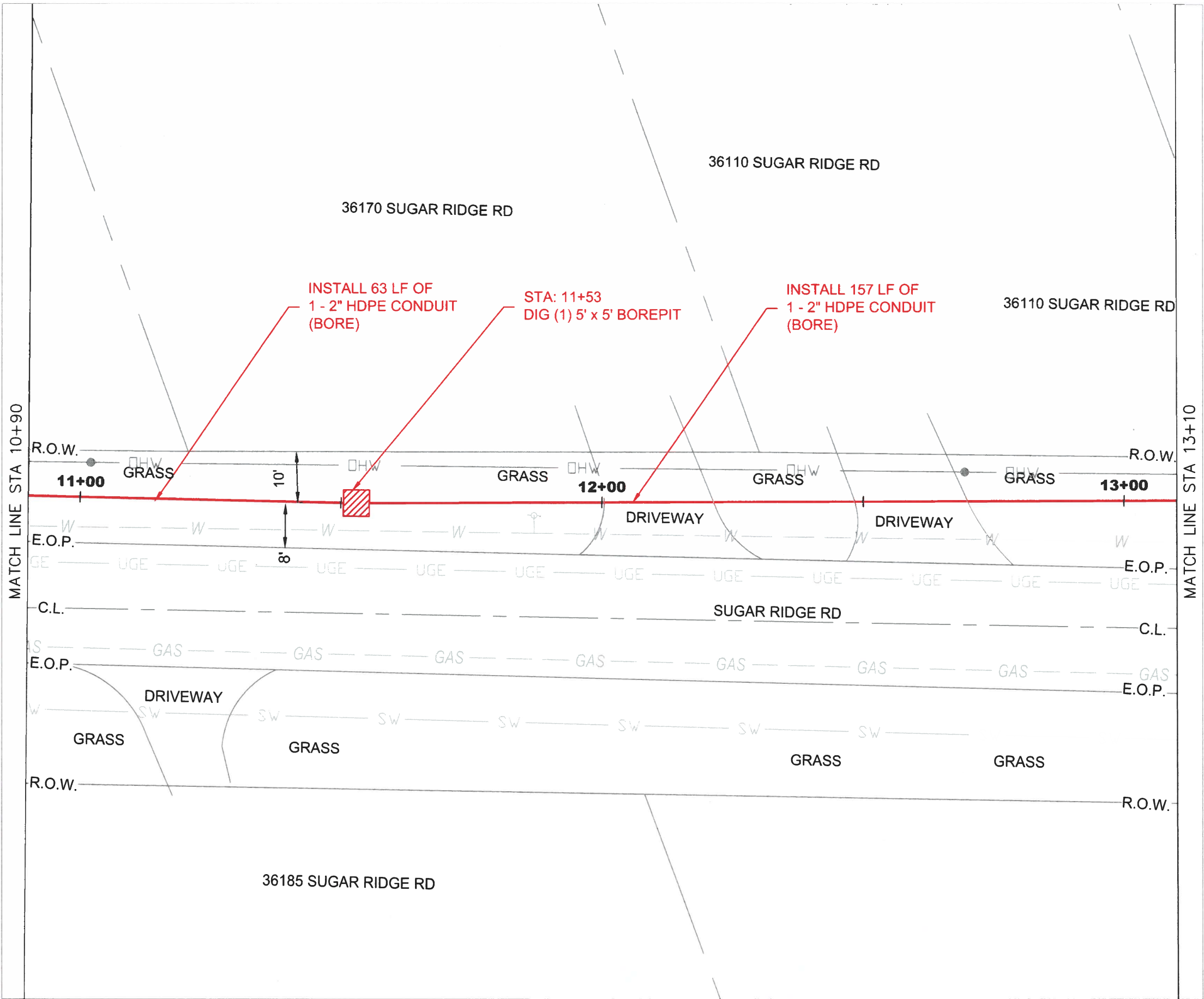
VERTICAL: N/A

SHEET: C-05



LEGEND:

- BORE/MISSILE BORE
- OPEN TRENCH
- S/W — SIDEWALK
- E.O.P — EDGE OF PAVEMENT
- B.O.C — BACK OF CURB
- R.O.W. — RIGHT OF WAY
- C.L. — STREET CENTERLINE
- POT HOLE LOCATION



NOTE TO CONTRACTOR:
ANY BOREPITS DUG NEXT TO DRIPLINE OF AN EXISTING TREE
TO BE DUG USING HYDRO VACUUM EXCAVATION.

CAUTION!!
ANY DISTURBANCE TO INFRASTRUCTURE WITHIN 15 FEET OF
ADA RAMP WILL REQUIRE ENTIRE RAMP TO BE REPAIRED IN
ACCORDANCE WITH ALL REQUIRED ADA STANDARDS AND
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PROJECT:

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1906CRZP ROW NRGV 0180

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP

Mastec
OUTSIDE PLANT CONSTRUCTION

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t | 334.887.6064
f | 334.887.6024

STATE OF OHIO
ADRIAN D. ROZEN
78080
10-14-19
REGISTERED PROFESSIONAL ENGINEER

ENGINEER: AB

DRAWN BY: SD

REVISIONS		
DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: 1" = 20'

VERTICAL: N/A

SHEET: C-06



LEGEND:

- BORE/MISSILE BORE
- OPEN TRENCH
- S/W — SIDEWALK
- E.O.P. — EDGE OF PAVEMENT
- B.O.C. — BACK OF CURB
- R.O.W. — RIGHT OF WAY
- C.L. — STREET CENTERLINE
- POTHOLE LOCATION



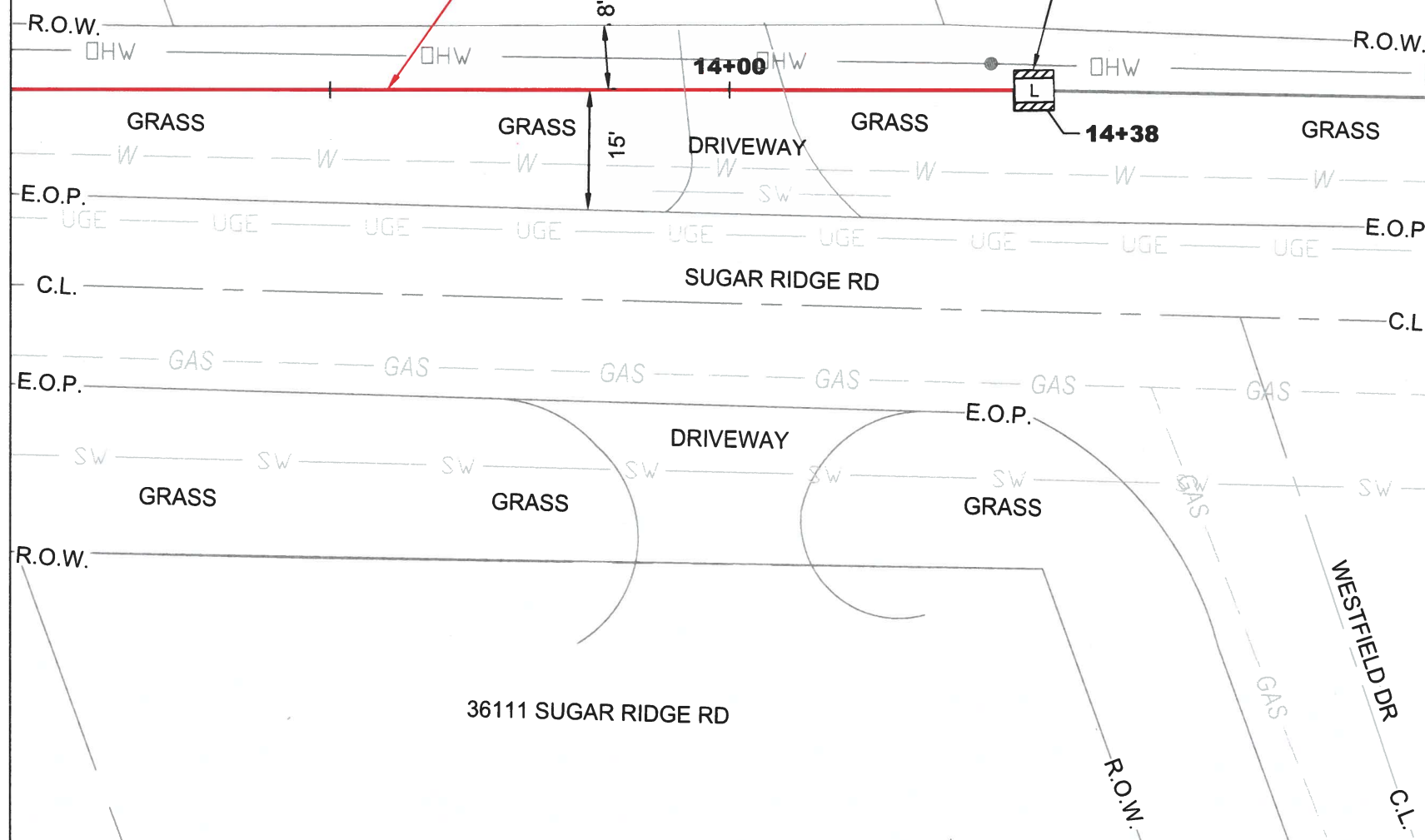
MATCH LINE STA 13+10

36100 SUGAR RIDGE RD

36080 SUGAR RIDGE RD

INSTALL 128 LF OF
1 - 2" HDPE CONDUIT
(BORE)

(END PROJECT)
STA: 14+38
EXISTING 30x60x30 VAULT



NOTE TO CONTRACTOR:
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CAUTION!!
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ADA RAMP WILL REQUIRE ENTIRE RAMP TO BE REPAIRED IN
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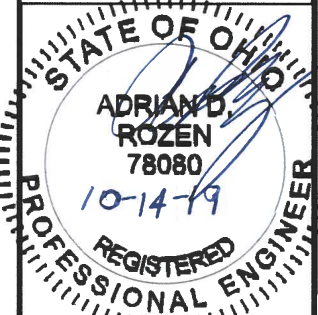
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PROJECT:

PROJECT ID NUMBER:
1906CRZP ROW NRGV 0180
PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE
PROJECT LOCATION:
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McImetro
ACCESS TRANSMISSION SERVICES, CORP
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OUTSIDE PLANT CONSTRUCTION
WESTLAKE_FDA024 NRGV UG CONST PHASE I
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FORESITE
group
ForeSite Group, LLC
3000 E Cesar Chavez St.
Suite 400
Austin, TX 78702
www.fs-gc.net
334.887.6064
334.887.6024



ENGINEER: AB

DRAWN BY: SD

REVISIONS

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SCALE

HORIZONTAL: 1" = 20'

VERTICAL: N/A

SHEET: C-07

MCI METRO GENERAL NOTES AND REQUIREMENTS

GENERAL NOTES

1. MCI COMPRISES THE FOLLOWING OPERATING ENTITIES:
 - MCI COMMUNICATIONS SERVICES, INC.
 - MCI METRO ACCESS TRANSMISSION SERVICES, LLC
 - MCI METRO ACCESS TRANSMISSION SERVICES OF VIRGINIA, INC.
 - MCI METRO ACCESS TRANSMISSION SERVICES OF MASSACHUSETTS, INC.
 - METROPOLITAN FIBER SYSTEMS OF NEW YORK, INC.
2. ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS OF ANY REGULATING GOVERNMENTAL AGENCY, MCI METRO, 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 ARE 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 SITE PLAN. ANY AND ALL OTHERS ENCOUNTERED ARE ALSO THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, PROTECT, AND REPAIR, IF DAMAGED.
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 CONDITIONS.
7. EQUIPMENT TYPES SPECIFIED HEREIN (ie: "BACKHOE" "SWAMP PLOW", ETC.) ARE SUGGESTIONS ONLY AND ARE NOT INTENDED AS REQUIREMENTS. CONTRACTOR WILL BE NOTIFIED AS TO EXCEPTIONS.

MCI OSP CONSTRUCTION GENERAL REQUIREMENTS

- ALL FEDERAL, STATE AND LOCAL SAFETY REGULATIONS MUST BE FOLLOWED WITHOUT EXCEPTION.
- PERSONAL PROTECTIVE EQUIPMENT APPROPRIATE FOR THE SPECIFIC WORK SITE SHALL BE USED AT ALL TIMES. AT A MINIMUM, HARD HAT, SAFETY SHOES/STEEL-TOED BOOTS, AND FLORESCENT ORANGE OR GREEN WORK VEST ARE REQUIRED UPON ENTERING ANY MCI WORK SITE.
- USE OF INTOXICANTS, DRUGS, INHALANTS OR ANY OTHER SUBSTANCES THAT MAY IMPAIR ALERTNESS ARE STRICTLY PROHIBITED.
- CONTRACTORS ARE NOT ALLOWED TO CUT ANY CABLE. CABLES SCHEDULED FOR REMOVAL WILL BE CUT BY MCI OPERATIONS PERSONNEL, AND ONLY AFTER VERIFICATION THAT ALL TRAFFIC HAS BEEN OFF-LOADED.
- EXTREME CAUTION MUST BE USED AT ALL TIMES WHEN WORKING ON OR NEAR ACTIVE CABLES. AN MCI EMPLOYEE OR CONTRACT REPRESENTATIVE MUST APPROVE AND BE PRESENT PRIOR TO AND DURING ALL CABLE HANDLING ACTIVITIES.
- TOOLS AND EQUIPMENT SPECIFICALLY DESIGNED FOR THE JOB AT HAND ARE REQUIRED. USE THE PROPER TOOL FOR THE JOB.
- CONDUIT WORK INVOLVING ACTIVE CABLES REQUIRES SPECIALIZED TOOLS SPECIFICALLY DESIGNED TO ACCESS DUCTS WITH ACTIVE CABLES.
- PROTECTING MCI FACILITIES IS EXTREMELY IMPORTANT; HOWEVER, SAFETY REGARDING YOURSELF AND OTHERS IS THE MOST IMPORTANT PART OF ANY PROJECT.

PROJECT:

PROJECT ID NUMBER:
1906CRZP ROW NRGV 0180

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

MCI metro
ACCESS TRANSMISSION SERVICES, CORP

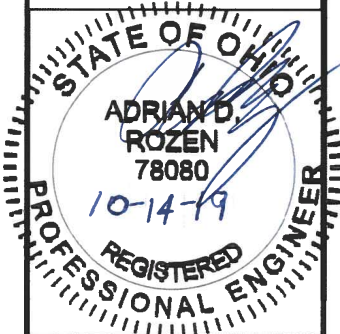

OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA024 NRGV UG CONST PHASE I
UNDERGROUND CONDUIT INSTALLATION

FORESITE
group

ForeSITE Group, LLC
3000 E Cesar Chavez St
Suite 400
Austin, TX 78702

www.fg-inc.net
o | 334.887.6064
f | 334.887.6024



ENGINEER: AB

DRAWN BY: SD

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: D-01

MCI METRO GENERAL NOTES AND REQUIREMENTS

CONSTRUCTION NOTES

1. ALL CONDUIT WILL BE 4" ID SCHEDULE 40 (i.e. PVC OR BSP/GSP, MANUFACTURED SPLIT PVC OR SPLIT BSP/GSP), UNLESS SPECIFIED OTHERWISE.
2. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. SEE CONTACT SHEET FOR CONTACT NAME AND TELEPHONE NUMBER.
3. ALL UNDERGROUND OBSTRUCTIONS, WHEN LOCATED, WILL REQUIRE THE PLACEMENT OF A BURIED CABLE MARKER AND THE PLACEMENT OF 4" MANUFACTURED SPLIT PVC, BSP/GSP OVER OR UNDER EACH OBSTRUCTION.
4. SHORING MAY BE REQUIRED AND SHALL COMPLY WITH O.S.H.A. STANDARDS.
5. ALL BURIED CONDUIT/CABLE WILL BE PLACED AT 42" MINIMUM COVER UNLESS SPECIFIED OTHERWISE ON THE CONSTRUCTION DRAWINGS.
6. MECHANICAL PROTECTION SHALL BE REQUIRED ANYTIME A 36" MINIMUM COVER IS UNOBTAINABLE UNLESS SPECIFIED OTHERWISE ON THE CONSTRUCTION DRAWINGS.
7. ALL 90 DEGREE BENDS IN CONDUIT CONSTRUCTION WILL BE A MINIMUM 38.2" RADIUS UNLESS SPECIFIED OTHERWISE. ALL SPLIT CONDUIT BENDS AND SOLID PVC BENDS SHALL REQUIRE CONCRETE ENCASEMENT, UNLESS SPECIFIED OTHERWISE.
8. OPERATIONS PERSONNEL TO BE CONTACTED BY THE CONTRACTOR 48 HOURS PRIOR TO CONSTRUCTION. SEE CONTACT SHEET FOR CONTACT NAME AND TELEPHONE NUMBER.
9. ALL STATIONING IS BASED ON AS-BUILT INFORMATION, THEREFORE SOME VARIANCE SHOULD BE ANTICIPATED. ADJUST AS NEEDED.
10. RAILROAD COMMUNICATION AND SIGNAL CABLES TO BE LOCATED PRIOR TO THE CONSTRUCTION ACTIVITY. RAILROAD TO BE GIVEN 48 HOURS NOTICE PRIOR TO CONSTRUCTION.
11. ALL BURIED CABLE MARKER POSTS AND HARDWARE PLACED AND/OR REMOVED ON ALL NEW AND EXISTING ROUTES SHALL BE IMPLEMENTED AS FOLLOWS.

• ON THOSE ROUTES THAT ARE CONSIDERED TO BE IN A NORTH TO SOUTH GEOGRAPHICAL ORIENTATION, THE SOUTHERN-MOST SIGN AND POST SHOULD BE REMOVED.
FOR NEW ROUTES BEING CONSTRUCTED, ONE SIGN POST WILL BE PLACED AT THE NORTH END OF EACH HANDHOLE.

• ON THOSE ROUTES THAT ARE CONSIDERED TO BE IN AN EAST TO WEST GEOGRAPHICAL ORIENTATION, THE WESTERN-MOST SIGN AND POST SHOULD BE REMOVED.
FOR NEW ROUTES BEING CONSTRUCTED, ONE SIGN POST WILL BE PLACED AT THE EAST END OF THE EACH HANDHOLE.

FIBER OPTIC CABLE UNCOVERING SYSTEM

1. THE TITLE OF THIS PROGRAM, F.O.C.U.S., AN ACRONYM FOR "FIBER OPTIC CABLE UNCOVERING SYSTEM," WAS SELECTED TO REMIND EVERYONE INVOLVED WITH WORKING NEAR MCI'S ACTIVE FIBER OPTIC SYSTEMS TO FOCUS ON PROTECTING THE FACILITIES. IF, DURING THE COURSE OF THE PROJECT, YOU NOTICE ANY ACTIVITY WHICH MAY JEOPARDIZE THE MCI OSP FACILITIES, IT IS YOUR DUTY TO STOP THE WORK AND RE-F.O.C.U.S.
2. F.O.C.U.S. RULES MUST BE FOLLOWED ON ALL MCI PROJECTS INVOLVING WORK ON OR NEAR MCI OSP FACILITIES. SAFETY IS MCI'S NUMBER ONE PRIORITY; EVERYONE MUST REFRAIN FROM UNSAFE AND IMPROPER PRACTICES.
3. REVIEW OF F.O.C.U.S. IS MANDATORY AT EVERY PRE-BID, PRE-CONSRUCTION SITE MEETING AND DAILY TAILGATE MEETING. F.O.C.U.S. DISCUSSION MUST INCLUDE SITE-SPECIFIC HISTORY, UNIQUE PROBLEMS, FACILITY CONFIGURATIONS THAT MAY BE ENCOUNTERED, AND PAST ERRORS. "THOSE WHO DO NOT LEARN FROM HISTORY ARE DOOMED TO REPEAT IT." DO NOT LET THIS HAPPEN TO YOU.
4. ANY WORK NEAR OR REQUIRING HANDLING OF MCI OUTSIDE PLANT FACILITIES CAN ONLY BE PERFORMED WITH AN MCI EMPLOYEE OR CONTRACT REPRESENTATIVE PRESENT – THIS MEANS OUT OF HIS OR HER VEHICLE AND DIRECTLY MONITORING THE SYSTEM. THE REPRESENTATIVE MUST HAVE A PROPERLY OPERATING CABLE LOCATOR CHECKED FOR ACCURACY EVERY DAY PRIOR TO COMMENCEMENT OF WORK (COMPARISON OF LINE AND DEPTH READINGS TO ACTUAL LINE AND DEPTH OF THE CABLE).
5. LOCATE AND POT HOLE REQUIREMENTS:

• PRIOR TO ANY EXCAVATION, THE MCI EMPLOYEE OR CONTRACT REPRESENTATIVE MUST VERIFY THE INITIAL LOCATE MARKS COMPLETED BY MCI OPERATIONS. DO NOT TRUST LOCATE RESULTS COMPLETED BY OTHERS! THE MCI OR CONTRACT REPRESENTATIVE MUST LOCATE THE CABLE RUNNING LINE BY MAKING AT LEAST ONE PASS IN EACH DIRECTION. LOCATE RESULTS MUST THEN BE COMPARED WITH PREVIOUS MARKS AND THE AS-BUILTS.

• IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 3 FEET OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POT HOLE (ALL POT HOLES MUST BE COMPLETED BY HAND DIGGING OR VACUUM EXCAVATION) A MINIMUM OF EVERY 15 FT., THEN EXPOSE THE ENTIRE LENGTH OF THE CABLE BY HAND DIGGING OR VACUUM EXCAVATION.

• IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 5 FEET (BUT NOT CLOSER THAN 3 FEET) OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POT HOLE THE CABLE A MINUMUM OF EVERY 15 FT.

• IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 15 FEET (BUT NOT CLOSER THAN 5 FEET) OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POT HOLE THE CABLE A MINIMUM OF EVERY 30 FT.

• THE CABLE WILL ALSO BE POT HOLED AT ANY CHANGE IN THE RUNNING LINE OF MORE THAN 1 FT. IN ANY DIRECTION, ANYTIME THE ACCURACY OF THE ELECTRONIC LOCATE IS QUESTIONED, OR THE MARKED RUNNING LINE DOES NOT MATCH THE AS-BUILTS.
6. EXPOSING REQUIREMENTS:

• NO MECHANICAL EXCAVATION WITHIN 3 FT. OF OSP FACILITIES WILL BE ALLOWED UNLESS THE FACILITIES HAVE FIRST BEEN PROPERLY LOCATED, POT HOLED, POSITIVELY IDENTIFIED, CONTINUOUSLY EXPOSED BY HAND DIGGING OR VACUUM EXCAVATION, AND THE FACILITES ARE CLEARLY VISIBLE.

• IN ADDITION, MECHANICAL EXCAVATION WITHIN 3 FT. OF OSP FACILITIES REQUIRES ON-SITE PRIOR APPROVAL FROM MCI'S EMPLOYEE OR CONTRACT REPRESENTATIVE.
7. PLEASE REFER TO THE LATEST EDITION OF THE MCI OSP HANDBOOK FOR ADDITIONAL DETAILS. KNOW IT AND FOLLOW IT.

PROJECT:

PROJECT ID NUMBER:
1906CRZP ROW NRGV 0180

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

MCI metro

ACCESS TRANSMISSION SERVICES, CORP

Mastec

OUTSIDE PLANT CONSTRUCTION

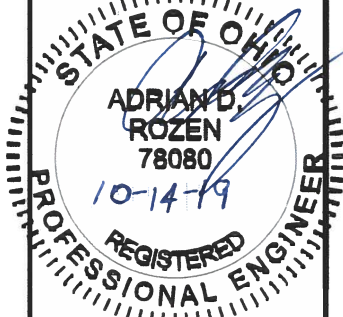
WESTLAKE_FDA024 NRGV UG CONST PHASE I

UNDERGROUND CONDUIT INSTALLATION

FORESITE group

ForeSite Group, LLC
3000 E Cesar Chavez St
Suite 400
Austin, TX 78702

www.fsinc.net
334.887.6064
334.887.6024



ENGINEER: AB

DRAWN BY: SD

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

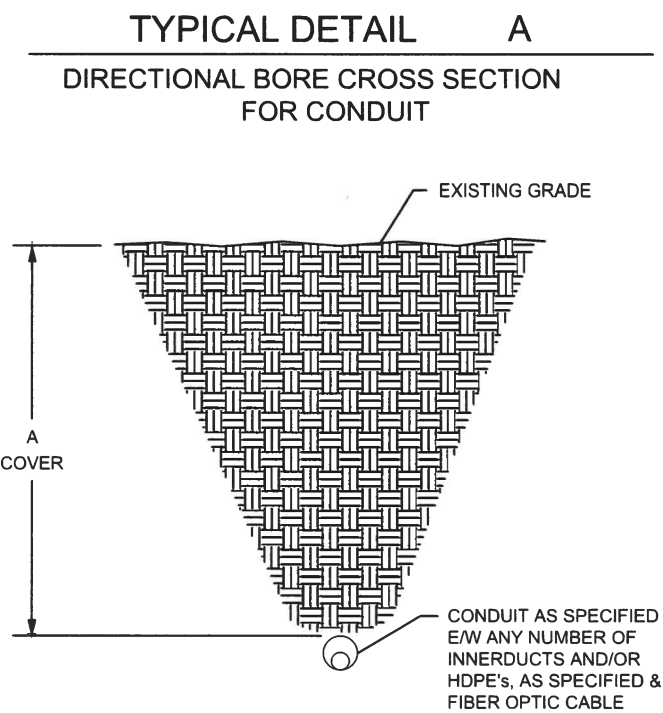
HORIZONTAL: N/A

VERTICAL: N/A

SHEET: D-02

MCI CONSTRUCTION DETAILS/TYPICALS

TYPICAL DIRECTIONAL BORE DETAIL



PROJECT:		
PROJECT ID NUMBER: 1906CRZP ROW NRGV 0180		
PERMITTING ENTITY: CITY OF NORTH RIDGEVILLE		
PROJECT LOCATION: NORTH RIDGEVILLE, OH		
MCImetro ACCESS TRANSMISSION SERVICES, CORP Mastec OUTSIDE PLANT CONSTRUCTION		WESTLAKE_FDA024 NRGV UG CONST PHASE I UNDERGROUND CONDUIT INSTALLATION
FORESITE group Foresite Group, LLC 3000 E Cesar Chavez St Suite 400 Austin, TX 78702 w www.fg-nr.net e 334.887.6054 f 334.887.6024		
STATE OF OHIO ADRIAN D. ROZEN 78080 10-14-19 REGISTERED PROFESSIONAL ENGINEER		
ENGINEER: AB		
DRAWN BY: SD		
REVISIONS		
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SCALE		
HORIZONTAL:		N/A
VERTICAL:		N/A
SHEET: D-03		

MCI CONSTRUCTION DETAILS/TYPICALS

PROJECT:

PROJECT ID NUMBER:
1906CRZP ROW NRGV 0180

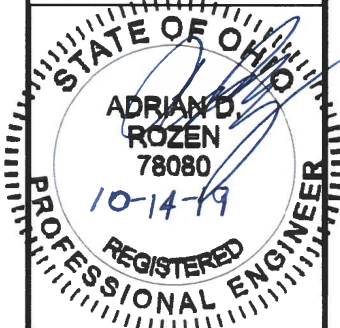
PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
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MCI metro
ACCESS TRANSMISSION SERVICES, CORP
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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: D-04

INSTALLATION IMAGES



(BEGIN PROJECT) AT STATION 0+00

PROJECT:		
PROJECT ID NUMBER: 1906CRZP ROW NRGV 0180		
PERMITTING ENTITY: CITY OF NORTH RIDGEVILLE		
PROJECT LOCATION: NORTH RIDGEVILLE, OH		
MCI metro ACCESS TRANSMISSION SERVICES, CORP		Mastec OUTSIDE PLANT CONSTRUCTION WESTLAKE_FDA024 NRGV UG CONST PHASE I UNDERGROUND CONDUIT INSTALLATION
FORESITE group ForeSite Group, LLC 3000 E. Cesar Chavez St. Suite 400 Austin, TX 78702 www.fs-nc.net t 334.887.6064 f 334.887.6024		
STATE OF OHIO ADRIAN D. ROZEN 78080 10-14-19 REGISTERED PROFESSIONAL ENGINEER		
ENGINEER: A8		
DRAWN BY: SD		
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SCALE		
HORIZONTAL:	N/A	
VERTICAL:	N/A	
SHEET: E-01		

INSTALLATION IMAGES



(END PROJECT) AT STATION 14+38

PROJECT:

PROJECT ID NUMBER
1906CRZP ROW NRGV 0180

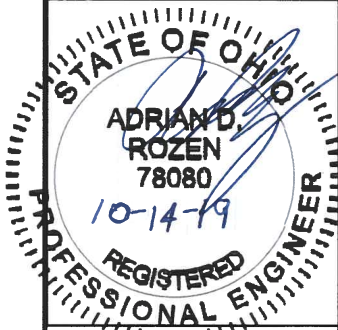
PERMITTING ENTITY
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION
NORTH RIDGEVILLE, OH

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ENGINEER: IAB

DRAWN BY: SD

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SCALE
HORIZONTAL: N/A
VERTICAL: N/A

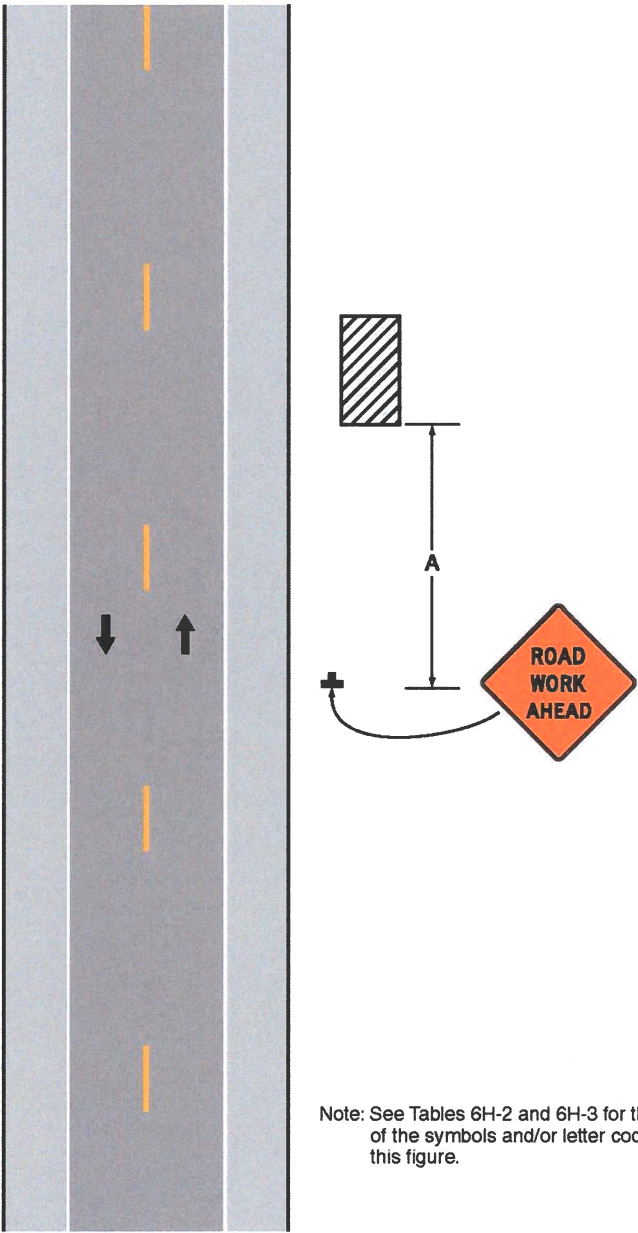
SHEET: E-02

TRAFFIC CONTROL PLAN - TYPICAL DETAILS

Notes for Figure 6H-1—Typical Application 1
Work Beyond the Shoulder

- Guidance:
- 1. If the work space is in the median of a divided highway, an advance warning sign should also be placed on the left side of the directional roadway.
- Option:
- 2. The ROAD WORK AHEAD sign may be replaced with other appropriate signs such as the SHOULDER WORK sign. The SHOULDER WORK sign may be used for work adjacent to the shoulder.
 - 3. The ROAD WORK AHEAD sign may be omitted where the work space is behind a barrier, more than 24 inches behind the curb, or 15 feet or more from the edge of any roadway.
 - 4. For short-term, short duration or mobile operation, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
 - 5. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.
- Standard:
- 6. Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.

Figure 6H-1. Work Beyond the Shoulder (TA-1)



Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Typical Application 1

PROJECT:

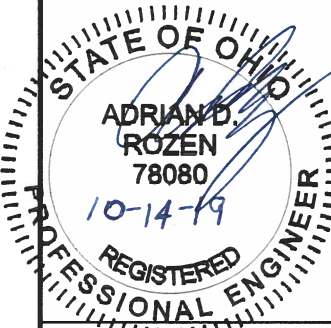
PROJECT ID NUMBER:
1906CRZP ROW NRGV 0180

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP
Mastec
OUTSIDE PLANT CONSTRUCTION
WESTLAKE_FDA024 NRGV UG CONST PHASE I
UNDERGROUND CONDUIT INSTALLATION

FORESITE
group
Foresite Group, LLC
3000 E Cesar Chavez St.
Suite 400
Austin, TX 78702
www.fg-inc.net
334.887.6084
334.887.6024



ENGINEER: AR

DRAWN BY: SD

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: F-01

TRAFFIC CONTROL PLAN - TYPICAL DETAILS

Table 6H-2. Meaning of Symbols on Typical Application Diagrams

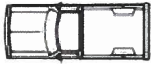
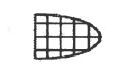
	Arrow board		Shadow vehicle
	Arrow board support or trailer (shown facing down)		Sign (shown facing left)
	Changeable message sign or support trailer		Surveyor
	Channelizing device		Temporary barrier
	Crash cushion		Temporary barrier with warning light
	Direction of temporary traffic detour		Traffic or pedestrian signal
	Direction of traffic		Truck-mounted attenuator
	Flagger		Type 3 barricade
	High-level warning device (Flag tree)		Warning light
	Longitudinal channelizing device		Work space
	Luminaire		Work vehicle
	Pavement markings that should be removed for a long-term project		

Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	100 feet	100 feet	100 feet
Urban (high speed)*	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

* Speed category to be determined by highway agency

** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

Table 6H-4. Formulas for Determining Taper Length

Speed (S)	Taper Length (L) in feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

Where: L = taper length in feet
W = width of offset in feet
S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

PROJECT:

PROJECT ID NUMBER:

1906CRZP ROW NRGV 0180

PERMITTING ENTITY:

CITY OF PROJECT_LOCATION

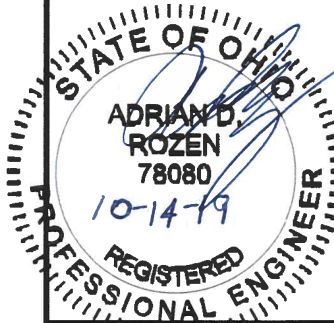
PROJECT LOCATION:

NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP
Mastec
OUTSIDE PLANT CONSTRUCTION
CITY OF NORTH RIDGEVILLE
UNDERGROUND CONDUIT INSTALLATION

FORESITE
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f | 334.887.6024



ENGINEER: AS

DRAWN BY: SD

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: F-02

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MasTec

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group

OUTSIDE PLANT CONSTRUCTION

ENGINEERING SERVICES

WESTLAKE_FDA024 NRGV UG CONST PHASE II

NORTH RIDGEVILLE, OH

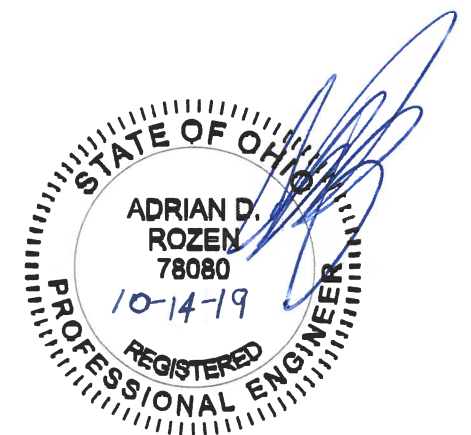
UNDERGROUND CONDUIT INSTALLATION

RIGHT-OF-WAY CONSTRUCTION PERMIT

MCI PERMIT NUMBER: 1906CRZP_ROW_NRGV_0181
SITE CODE: 1906CRZP



PROJECT STATUS: PERMITTING
STATUS DATE: 10/14/2019



SHEET INDEX

GENERAL PROJECT INFORMATION (A-SERIES)

COVER SHEET	A-00
SHEET INDEX	A-01
PROJECT OVERVIEW	A-02
SYMBOL KEY	A-03

CONTACT INFORMATION (B-SERIES)

CONTACT INFORMATION SHEET	B-01
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CONSTRUCTION PLANS (C-SERIES)

SITE PLAN SHEETS	C-01
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STANDARD NOTES & DETAILS (D-SERIES)

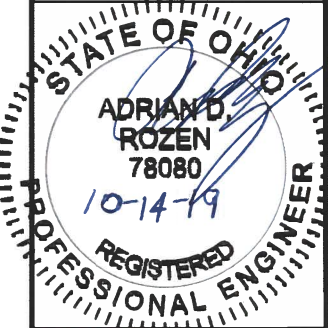
GENERAL NOTES	D-01 - D-02
CONSTRUCTION DETAIL DRAWINGS	D-03 - D-04

SPECIFIC NOTES & DETAILS (E-SERIES)

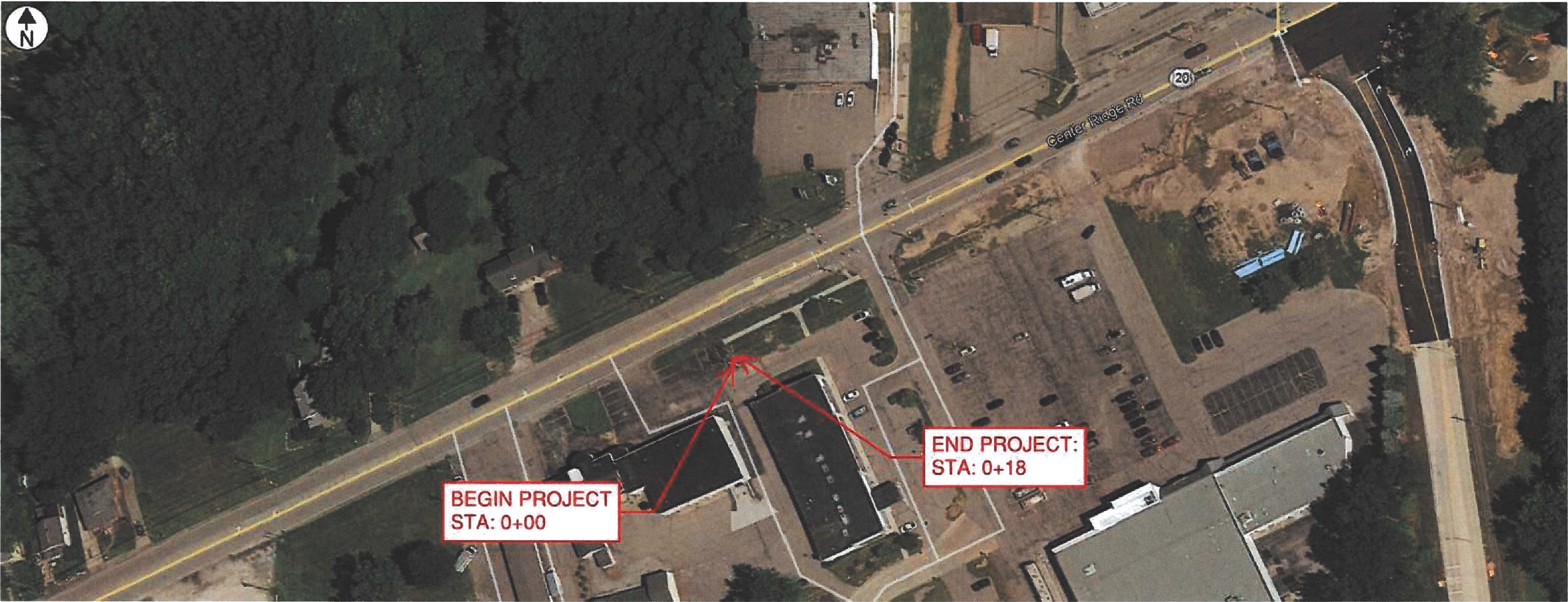
INSTALLATION IMAGES	E-01
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ADDITIONAL INFORMATION (F-SERIES)

TRAFFIC CONTROL TYPICALS	F-01 - F-03
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PROJECT:		
PROJECT ID NUMBER:		
1906CRZP ROW NRGV 0181		
PERMITTING ENTITY:		
CITY OF NORTH RIDGEVILLE		
PROJECT LOCATION:		
NORTH RIDGEVILLE, OH		
McImetro ACCESS TRANSMISSION SERVICES, CORP	Mastec OUTSIDE PLANT CONSTRUCTION	WESTLAKE_FDA024 NRGV UG CONST PHASE II UNDERGROUND CONDUIT INSTALLATION
FORESITE group ForeSite Group, LLC 3000 E Cesar Chavez St Suite 400 Austin, TX 78702 w www.fg-inc.net o 334.887.6064 f 334.887.6024		
		
ENGINEER: AB		
DRAWN BY: SD		
REVISIONS		
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SCALE		
HORIZONTAL: N/A		
VERTICAL: N/A		
SHEET: A-01		

PROJECT OVERVIEW



PROJECT SCOPE

ADDRESS RANGE TABLE

PRIMARY STREET	ADDRESSES	CROSS STREET(S)
CENTER RIDGE RD	35147	NONE

PROJECT QUANTITIES

INSTALL	QNTY
2"D CONDUIT (DIRECT. BORE)	0 LF
2"D CONDUIT (MISSILE BORE)	0 LF
2"D CONDUIT (TRENCH)	18 LF
17"X30"X24" VAULT(S)	0
24"X36"X24" VAULT(S)	0
30"X48"X24" VAULT(S)	0
30"X60"X36" VAULT(S)	1
48"X48"X48" MANHOLE(S)	0

PROJECT:

PROJECT ID NUMBER
1906CRZP ROW NRGV 0181

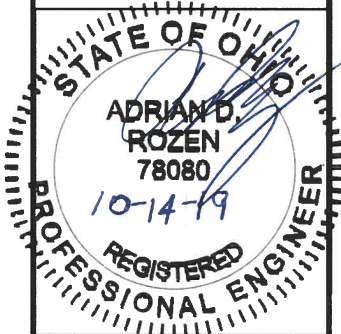
PERMITTING ENTITY
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION
NORTH RIDGEVILLE, OH

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: A-02

SYMBOL KEY

MCI PROPOSED CONSTRUCTION

	DIRECTIONAL BORE/MISSILE BORE
	OPEN TRENCH
	17"X30"X24" VAULT
	24"X36"X24" VAULT
	30"X48"X24" VAULT
	30"X60"X36" VAULT
	BORE PIT
	48"X48"X48" MANHOLE
	SPLICE ENCLOSURE

MCI EXISTING/FUTURE CONSTRUCTION

	EXISTING MCI METRO CONDUIT
	EXISTING MCI METRO VAULT
	FUTURE MCI METRO CONDUIT
	FUTURE 17"X30"X24" VAULT
	FUTURE 24"X36"X24" VAULT
	FUTURE 30"X48"X24" VAULT
	FUTURE 30"X60"X36" VAULT

OTHER UTILITIES

	WATER LINE
	FIRE HYDRANT
	WATER VALVE
	WATER METER
	STORMWATER LINE
	STORMWATER ACCESS
	STORMWATER CATCH BASIN
	WASTEWATER LINE
	WASTEWATER MANHOLE
	OVERHEAD POWER LINE
	UNDERGROUND POWER LINE
	POWER TRANSFORMER
	POWER MANHOLE
	POWER JUNCTION BOX
	POWER CABINET
	POWER VAULT
	POLE
	STREET LIGHT
	TRAFFIC LIGHT

OTHER UTILITIES

	GAS LINE
	GAS METER
	GAS VALVE
	TELECOM LINE
	TELECOM MANHOLE
	TELECOM CABINET
	TELECOM VAULT
	UNKNOWN MANHOLE
	UNKNOWN VAULT

PLANIMETRICS

	SIDEWALK
	EDGE OF PAVEMENT
	BACK OF CURB
	RIGHT OF WAY
	STREET CENTERLINE
	TREE

PROJECT:

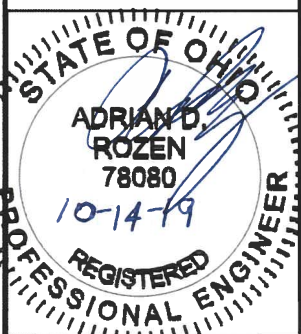
PROJECT ID NUMBER:
1906CRZP ROW NRGV 0181

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

MCI metro
ACCESS TRANSMISSION SERVICES, CORP
Mastec
OUTSIDE PLANT CONSTRUCTION
WESTLAKE_FDA024 NRGV UG CONST PHASE II
UNDERGROUND CONDUIT INSTALLATION

FORESITE
group
Foresite Group, LLC
3000 E Cesar Chavez St.
Suite 400
Austin, TX 78702
www.fg-inc.net
334.887.6064
334.887.6024



ENGINEER: AB

DRAWN BY: SD

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: A-03

CONTACT INFORMATION

MCI METRO INC.

OUTSIDE PLANT ENGINEERING:

SENIOR PROJECT ENGINEER: PATRICK WEAVER	(412)290-6995
PROJECT ENGINEER: JEFF KADUSKY	(330)819-1444
PROJECT MANAGER: DAVID GROSS	(216)462-2281

RIGHT-OF-WAY:

MANAGER: AARON CORNISH	(972)457-8360
---------------------------	---------------

ENGINEERING CONTRACTOR:

NAME OF FIRM: FORESITE GROUP	
PROJECT MANAGER: JAMES POHLOD	(310)351-1030
PROJECT ENGINEER: ARNALDO BLANCO ADRIAN ROZEN	(787)349-2960 (813)549-3250

CONSTRUCTION CONTRACTOR:

NAME OF FIRM: MASTEC	
PROJECT MANAGER: DAN KUCHES	(984)218-3122
PROJECT SUPERVISOR: BRIAN ANDERSON	(216)212-2498

UTILITIES

MCI UTILITY LOCATE	1-(800)624-9675
ONE CALL SYSTEM (UTILITY LOCATES)	
AT&T OHIO: JOHN GARRITY	(262)896-6552
BRAINARD GAS CORPORATION: TBD	(440)437-8600
CENTURYTEL/CENTURYLINK: TBD	TBD
CLEVELAND ELECTRIC ILLUMINATING: REBECCA	(440)546-8744
PEPPERS CLEVELAND PUBLIC POWER: CHRIS HIRZEL	(216)420-7704.122
CLEVELAND-CUYAHOGA COUNTY PORT AUTHORITY:	(216)241-8004
TBD COLUMBIA GAS OF OHIO, INC.: TBD	TBD
CONSUMERS GAS CORPORATIVE: DAN BURKHART	(330)682-4144
DOMINION EAST OHIO: TBD	TBD
FIBER TECHNOLOGIES NETWORKS LLC: NICOLE	(585)697-5130
WALKER FRONTIER/NORTH: TAMMY ALBRIGHT	TBD
GRANGER ENERGY OF LAKE COUNTY: TBD	(517)372-2800
KNOX ENERGY COOPERATIVE ASSOCIATION, INC: TBD	(330)498-9130
NORTHEAST OHIO NATURAL GAS CORPORATION: TBD	1-(800)237-2099
OHIO EDISON: AMANDA RICHARDSON	1-(800)633-4766
OHIO RURAL NATURAL GAS COOPERATIVE: TBD	(440)255-5198
ORWELL NATURAL GAS COMPANY: TBD	TBD
PAINESVILLE ELECTRIC: J. MCHUGH	(440)392-5926
SUMMIT COUNTY PORT AUTHORITY: LORI SALLAZ	(330)762-4776
SUNESYS-NOW CROWN CASTLE FIBER: TBD	TBD
WINDSTREAMOHIO: TBD	TBD
WINDSTREAMWESTERNRESERVE: TBD	TBD

PROJECT:

PROJECT ID NUMBER:
1906CRZP ROW NRGV 0181

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

MCI metro
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Suite 400
Austin, TX 78702

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334.687.6024

STATE OF OHIO
REGISTERED
PROFESSIONAL ENGINEER
ADRIAN ROZEN
78080
10-14-19

ENGINEER: AB

DRAWN BY: SD

REVISIONS

DATE	DESCRIPTION	INITIAL

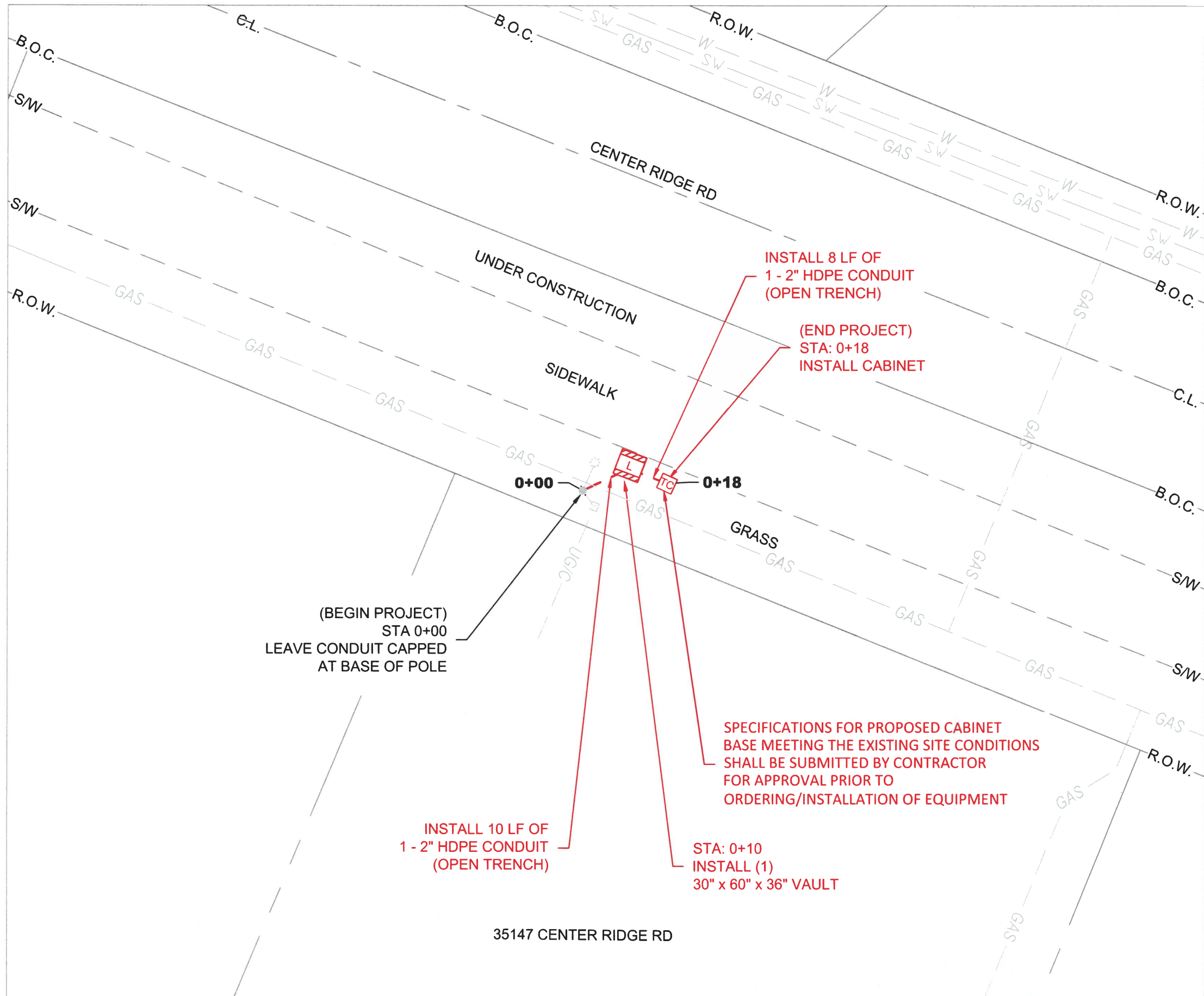
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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: B-01



LEGEND:

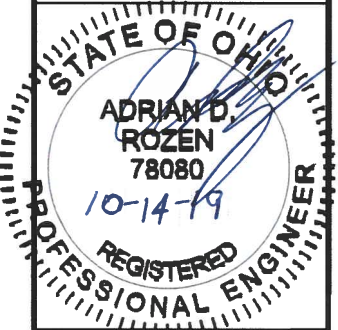
- BORE/MISSILE BORE
- OPEN TRENCH
- S/W SIDEWALK
- E.O.P. EDGE OF PAVEMENT
- B.O.C. BACK OF CURB
- R.O.W. RIGHT OF WAY
- C.L. STREET CENTERLINE
- POTHOLE LOCATION



PROJECT:
PROJECT ID NUMBER:
1906CRZP ROW NRGV 0181
PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE
PROJECT LOCATION:
NORTH RIDGEVILLE, OH

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SCALE
HORIZONTAL: 1" = 20'
VERTICAL: N/A
SHEET: C-01

NOTE TO CONTRACTOR:
ANY BOREPITS DUG NEXT TO DRIPLINE OF AN EXISTING TREE TO BE DUG USING HYDRO VACUUM EXCAVATION.

CAUTION!!
ANY DISTURBANCE TO INFRASTRUCTURE WITHIN 15 FEET OF ADA RAMP WILL REQUIRE ENTIRE RAMP TO BE REPAIRED IN ACCORDANCE WITH ALL REQUIRED ADA STANDARDS AND SPECIFICATIONS.

CONTRACTOR TO PLACE UTILITY WITH A MINIMUM OF 36 INCHES OF COVER WHEN UNOBSTRUCTED. CONTRACTOR TO MAINTAIN 24 INCHES OF SEPARATION FROM OTHER UTILITIES. DEPTH TO BE ADJUSTED ACCORDINGLY.

UTILITY LOCATIONS SHOWN ON THIS PLAN ARE BASED ON DOCUMENT RESEARCH AND FIELD EVALUATION. THE INFORMATION MAY NOT BE ACCURATE OR COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PHYSICALLY LOCATE AND VERIFY LOCATION AND DEPTH OF ALL UTILITIES WITHIN CONSTRUCTION PATH. ALL INSTALLATIONS MUST COMPLY WITH MINIMUM HORIZONTAL AND VERTICAL CLEARANCES FROM UTILITIES.

(BEGIN PROJECT)
STA 0+00
LEAVE CONDUIT CAPPED
AT BASE OF POLE

INSTALL 10 LF OF
1 - 2" HDPE CONDUIT
(OPEN TRENCH)

INSTALL 8 LF OF
1 - 2" HDPE CONDUIT
(OPEN TRENCH)

(END PROJECT)
STA: 0+18
INSTALL CABINET

SPECIFICATIONS FOR PROPOSED CABINET
BASE MEETING THE EXISTING SITE CONDITIONS
SHALL BE SUBMITTED BY CONTRACTOR
FOR APPROVAL PRIOR TO
ORDERING/INSTALLATION OF EQUIPMENT

STA: 0+10
INSTALL (1)
30" x 60" x 36" VAULT

35147 CENTER RIDGE RD

MCI METRO GENERAL NOTES AND REQUIREMENTS

GENERAL NOTES

1. MCI COMPRISES THE FOLLOWING OPERATING ENTITIES:
 - MCI COMMUNICATIONS SERVICES, INC.
 - MCI METRO ACCESS TRANSMISSION SERVICES, LLC
 - MCI METRO ACCESS TRANSMISSION SERVICES OF VIRGINIA, INC.
 - MCI METRO ACCESS TRANSMISSION SERVICES OF MASSACHUSETTS, INC.
 - METROPOLITAN FIBER SYSTEMS OF NEW YORK, INC.
2. ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS OF ANY REGULATING GOVERNMENTAL AGENCY, MCI METRO, 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 ARE 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 SITE PLAN. ANY AND ALL OTHERS ENCOUNTERED ARE ALSO THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, PROTECT, AND REPAIR, IF DAMAGED.
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 CONDITIONS.
7. EQUIPMENT TYPES SPECIFIED HEREIN (ie: "BACKHOE" "SWAMP PLOW", ETC.) ARE SUGGESTIONS ONLY AND ARE NOT INTENDED AS REQUIREMENTS. CONTRACTOR WILL BE NOTIFIED AS TO EXCEPTIONS.

MCI OSP CONSTRUCTION GENERAL REQUIREMENTS

- ALL FEDERAL, STATE AND LOCAL SAFETY REGULATIONS MUST BE FOLLOWED WITHOUT EXCEPTION.
- PERSONAL PROTECTIVE EQUIPMENT APPROPRIATE FOR THE SPECIFIC WORK SITE SHALL BE USED AT ALL TIMES. AT A MINIMUM, HARD HAT, SAFETY SHOES/STEEL-TOED BOOTS, AND FLORESCENT ORANGE OR GREEN WORK VEST ARE REQUIRED UPON ENTERING ANY MCI WORK SITE.
- USE OF INTOXICANTS, DRUGS, INHALANTS OR ANY OTHER SUBSTANCES THAT MAY IMPAIR ALERTNESS ARE STRICTLY PROHIBITED.
- CONTRACTORS ARE NOT ALLOWED TO CUT ANY CABLE. CABLES SCHEDULED FOR REMOVAL WILL BE CUT BY MCI OPERATIONS PERSONNEL, AND ONLY AFTER VERIFICATION THAT ALL TRAFFIC HAS BEEN OFF-LOADED.
- EXTREME CAUTION MUST BE USED AT ALL TIMES WHEN WORKING ON OR NEAR ACTIVE CABLES. AN MCI EMPLOYEE OR CONTRACT REPRESENTATIVE MUST APPROVE AND BE PRESENT PRIOR TO AND DURING ALL CABLE HANDLING ACTIVITIES.
- TOOLS AND EQUIPMENT SPECIFICALLY DESIGNED FOR THE JOB AT HAND ARE REQUIRED. USE THE PROPER TOOL FOR THE JOB.
- CONDUIT WORK INVOLVING ACTIVE CABLES REQUIRES SPECIALIZED TOOLS SPECIFICALLY DESIGNED TO ACCESS DUCTS WITH ACTIVE CABLES.
- PROTECTING MCI FACILITIES IS EXTREMELY IMPORTANT; HOWEVER, SAFETY REGARDING YOURSELF AND OTHERS IS THE MOST IMPORTANT PART OF ANY PROJECT.

PROJECT:

PROJECT ID NUMBER:
1906CRZP ROW NRGV 0181

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

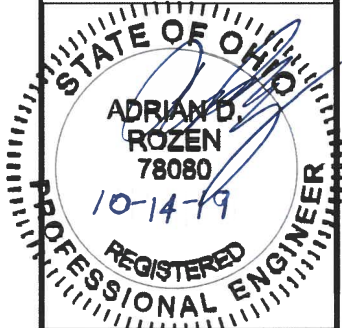
MCI metro
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ENGINEER: AB

DRAWN BY: SD

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: D-01

MCI METRO GENERAL NOTES AND REQUIREMENTS

CONSTRUCTION NOTES

1. ALL CONDUIT WILL BE 4" ID SCHEDULE 40 (i.e. PVC OR BSP/GSP, MANUFACTURED SPLIT PVC OR SPLIT BSP/GSP), UNLESS SPECIFIED OTHERWISE.
2. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. SEE CONTACT SHEET FOR CONTACT NAME AND TELEPHONE NUMBER.
3. ALL UNDERGROUND OBSTRUCTIONS, WHEN LOCATED, WILL REQUIRE THE PLACEMENT OF A BURIED CABLE MARKER AND THE PLACEMENT OF 4' MANUFACTURED SPLIT PVC, BSP/GSP OVER OR UNDER EACH OBSTRUCTION.
4. SHORING MAY BE REQUIRED AND SHALL COMPLY WITH O.S.H.A. STANDARDS.
5. ALL BURIED CONDUIT/CABLE WILL BE PLACED AT 42" MINIMUM COVER UNLESS SPECIFIED OTHERWISE ON THE CONSTRUCTION DRAWINGS.
6. MECHANICAL PROTECTION SHALL BE REQUIRED ANYTIME A 36" MINIMUM COVER IS UNOBTAINABLE UNLESS SPECIFIED OTHERWISE ON THE CONSTRUCTION DRAWINGS.
7. ALL 90 DEGREE BENDS IN CONDUIT CONSTRUCTION WILL BE A MINIMUM 38.2" RADIUS UNLESS SPECIFIED OTHERWISE. ALL SPLIT CONDUIT BENDS AND SOLID PVC BENDS SHALL REQUIRE CONCRETE ENCASEMENT, UNLESS SPECIFIED OTHERWISE.
8. OPERATIONS PERSONNEL TO BE CONTACTED BY THE CONTRACTOR 48 HOURS PRIOR TO CONSTRUCTION. SEE CONTACT SHEET FOR CONTACT NAME AND TELEPHONE NUMBER.
9. ALL STATIONING IS BASED ON AS-BUILT INFORMATION, THEREFORE SOME VARIANCE SHOULD BE ANTICIPATED. ADJUST AS NEEDED.
10. RAILROAD COMMUNICATION AND SIGNAL CABLES TO BE LOCATED PRIOR TO THE CONSTRUCTION ACTIVITY. RAILROAD TO BE GIVEN 48 HOURS NOTICE PRIOR TO CONSTRUCTION.
11. ALL BURIED CABLE MARKER POSTS AND HARDWARE PLACED AND/OR REMOVED ON ALL NEW AND EXISTING ROUTES SHALL BE IMPLEMENTED AS FOLLOWS.

• ON THOSE ROUTES THAT ARE CONSIDERED TO BE IN A NORTH TO SOUTH GEOGRAPHICAL ORIENTATION, THE SOUTHERN-MOST SIGN AND POST SHOULD BE REMOVED.
FOR NEW ROUTES BEING CONSTRUCTED, ONE SIGN POST WILL BE PLACED AT THE NORTH END OF EACH HANDHOLE.

• ON THOSE ROUTES THAT ARE CONSIDERED TO BE IN AN EAST TO WEST GEOGRAPHICAL ORIENTATION, THE WESTERN-MOST SIGN AND POST SHOULD BE REMOVED.
FOR NEW ROUTES BEING CONSTRUCTED, ONE SIGN POST WILL BE PLACED AT THE EAST END OF THE EACH HANDHOLE.

FIBER OPTIC CABLE UNCOVERING SYSTEM

1. THE TITLE OF THIS PROGRAM, F.O.C.U.S., AN ACRONYM FOR "FIBER OPTIC CABLE UNCOVERING SYSTEM," WAS SELECTED TO REMIND EVERYONE INVOLVED WITH WORKING NEAR MCI'S ACTIVE FIBER OPTIC SYSTEMS TO FOCUS ON PROTECTING THE FACILITIES. IF, DURING THE COURSE OF THE PROJECT, YOU NOTICE ANY ACTIVITY WHICH MAY JEOPARDIZE THE MCI OSP FACILITIES, IT IS YOUR DUTY TO STOP THE WORK AND RE-F.O.C.U.S.
2. F.O.C.U.S. RULES MUST BE FOLLOWED ON ALL MCI PROJECTS INVOLVING WORK ON OR NEAR MCI OSP FACILITIES. SAFETY IS MCI'S NUMBER ONE PRIORITY; EVERYONE MUST REFRAIN FROM UNSAFE AND IMPROPER PRACTICES.
3. REVIEW OF F.O.C.U.S. IS MANDATORY AT EVERY PRE-BID, PRE-CONSRUCTION SITE MEETING AND DAILY TAILGATE MEETING. F.O.C.U.S. DISCUSSION MUST INCLUDE SITE-SPECIFIC HISTORY, UNIQUE PROBLEMS, FACILITY CONFIGURATIONS THAT MAY BE ENCOUNTERED, AND PAST ERRORS. "THOSE WHO DO NOT LEARN FROM HISTORY ARE DOOMED TO REPEAT IT." DO NOT LET THIS HAPPEN TO YOU.
4. ANY WORK NEAR OR REQUIRING HANDLING OF MCI OUTSIDE PLANT FACILITIES CAN ONLY BE PERFORMED WITH AN MCI EMPLOYEE OR CONTRACT REPRESENTATIVE PRESENT -- THIS MEANS OUT OF HIS OR HER VEHICLE AND DIRECTLY MONITORING THE SYSTEM. THE REPRESENTATIVE MUST HAVE A PROPERLY OPERATING CABLE LOCATOR CHECKED FOR ACCURACY EVERY DAY PRIOR TO COMMENCEMENT OF WORK (COMPARISON OF LINE AND DEPTH READINGS TO ACTUAL LINE AND DEPTH OF THE CABLE).
5. LOCATE AND POT HOLE REQUIREMENTS:

• PRIOR TO ANY EXCAVATION, THE MCI EMPLOYEE OR CONTRACT REPRESENTATIVE MUST VERIFY THE INITIAL LOCATE MARKS COMPLETED BY MCI OPERATIONS. DO NOT TRUST LOCATE RESULTS COMPLETED BY OTHERS! THE MCI OR CONTRACT REPRESENTATIVE MUST LOCATE THE CABLE RUNNING LINE BY MAKING AT LEAST ONE PASS IN EACH DIRECTION. LOCATE RESULTS MUST THEN BE COMPARED WITH PREVIOUS MARKS AND THE AS-BUILTS.

• IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 3 FEET OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POT HOLE (ALL POT HOLES MUST BE COMPLETED BY HAND DIGGING OR VACUUM EXCAVATION) A MINIMUM OF EVERY 15 FT., THEN EXPOSE THE ENTIRE LENGTH OF THE CABLE BY HAND DIGGING OR VACUUM EXCAVATION.

• IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 5 FEET (BUT NOT CLOSER THAN 3 FEET) OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POT HOLE THE CABLE A MINIMUM OF EVERY 15 FT.

• IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 15 FEET (BUT NOT CLOSER THAN 5 FEET) OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POT HOLE THE CABLE A MINIMUM OF EVERY 30 FT.

• THE CABLE WILL ALSO BE POT HOLED AT ANY CHANGE IN THE RUNNING LINE OF MORE THAN 1 FT. IN ANY DIRECTION, ANYTIME THE ACCURACY OF THE ELECTRONIC LOCATE IS QUESTIONED, OR THE MARKED RUNNING LINE DOES NOT MATCH THE AS-BUILTS.
6. EXPOSING REQUIREMENTS:

• NO MECHANICAL EXCAVATION WITHIN 3 FT. OF OSP FACILITIES WILL BE ALLOWED UNLESS THE FACILITIES HAVE FIRST BEEN PROPERLY LOCATED, POT HOLED, POSITIVELY IDENTIFIED, CONTINUOUSLY EXPOSED BY HAND DIGGING OR VACUUM EXCAVATION, AND THE FACILITES ARE CLEARLY VISIBLE.

• IN ADDITION, MECHANICAL EXCAVATION WITHIN 3 FT. OF OSP FACILITIES REQUIRES ON-SITE PRIOR APPROVAL FROM MCI'S EMPLOYEE OR CONTRACT REPRESENTATIVE.
7. PLEASE REFER TO THE LATEST EDITION OF THE MCI OSP HANDBOOK FOR ADDITIONAL DETAILS. KNOW IT AND FOLLOW IT.

PROJECT:

PROJECT ID NUMBER:
1906CRZP ROW NRGV 0181

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

MCI metro

ACCESS TRANSMISSION SERVICES, CORP

Mastec

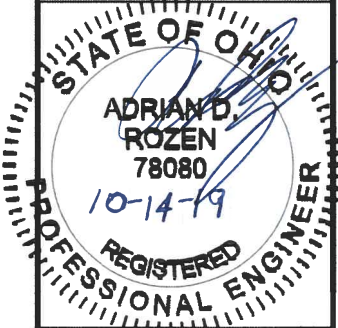
OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA024 NRGV UG CONST PHASE II

UNDERGROUND CONDUIT INSTALLATION

FORESITE
group

ForeSite Group, LLC
3000 E Cesar Chavez St
Suite 400
Austin, TX 78702
www.fs-inc.net
334.887.6064
334.887.6024



ENGINEER: AB

DRAWN BY: SD

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SCALE

HORIZONTAL: N/A

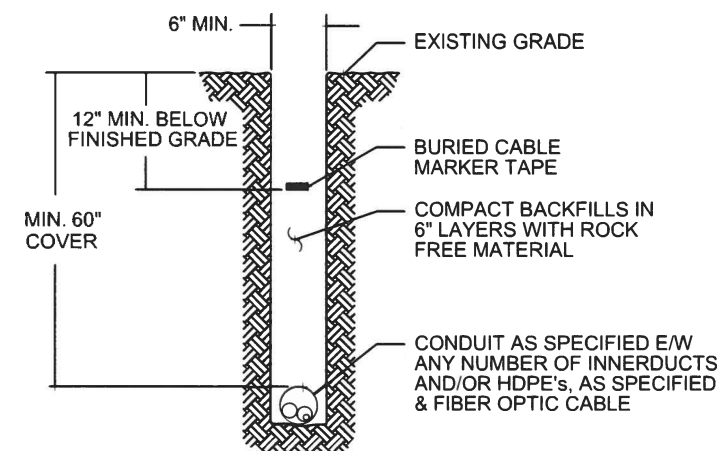
VERTICAL: N/A

SHEET: D-02

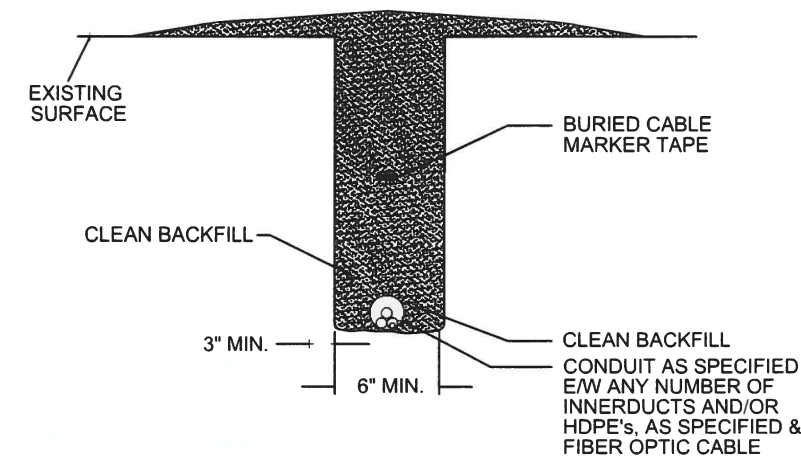
MCI CONSTRUCTION DETAILS/TYPICALS

TYPICAL OPEN TRENCH DETAIL

TYPICAL DETAIL A
TRENCH & PLACE CONDUIT



TYPICAL DETAIL B
REMOVE AND RESTORE NATURAL SURFACE FOR CONDUIT



PROJECT:

PROJECT ID NUMBER:
1906CRZP ROW NRGV 0181

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

MClmetro
ACCESS TRANSMISSION SERVICES, CORP

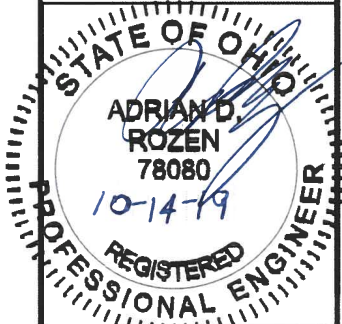
Mastec
OUTSIDE PLANT CONSTRUCTION

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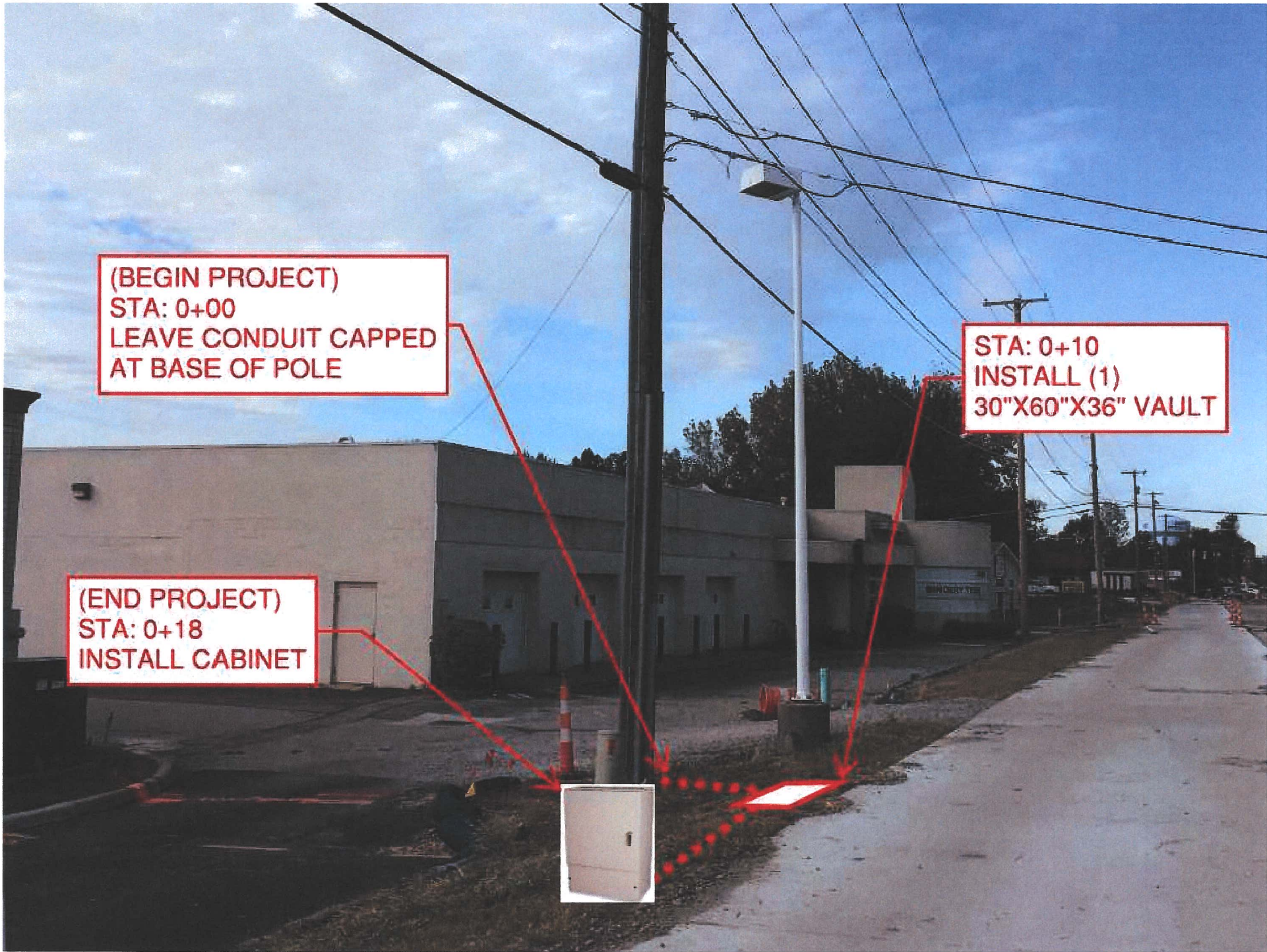
SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: D-03

INSTALLATION IMAGES



(BEGIN PROJECT) AT STATION 0+00
(END PROJECT) AT STATION 0+18

PROJECT:		
PROJECT ID NUMBER: 1906CRZP ROW NRGV 0181		
PERMITTING ENTITY: CITY OF NORTH RIDGEVILLE		
PROJECT LOCATION: NORTH RIDGEVILLE, OH		
MCI metro ACCESS TRANSMISSION SERVICES, CORP		Mastec OUTSIDE PLANT CONSTRUCTION WESTLAKE_FDA024 NRGV UG CONST PHASE II UNDERGROUND CONDUIT INSTALLATION
FORESITE group ForeSite Group, LLC 3000 E Cesar Chavez St. Suite 400 Austin, TX 78702 www.fg-inc.net 334.887.6064 334.887.6024		
STATE OF OHIO ADRIAN D. ROZEN 78080 10-14-19 REGISTERED PROFESSIONAL ENGINEER ENGINEER 1148		
DRAWN BY: SD		
REVISIONS		
DATE	DESCRIPTION	INITIAL
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SCALE		
HORIZONTAL:	N/A	
VERTICAL:	N/A	
SHEET: E-01		

TRAFFIC CONTROL PLAN - TYPICAL DETAILS

Page 634

2009 Edition

2009 Edition

Page 635

Notes for Figure 6H-1—Typical Application 1 Work Beyond the Shoulder

Guidance:

1. If the work space is in the median of a divided highway, an advance warning sign should also be placed on the left side of the directional roadway.

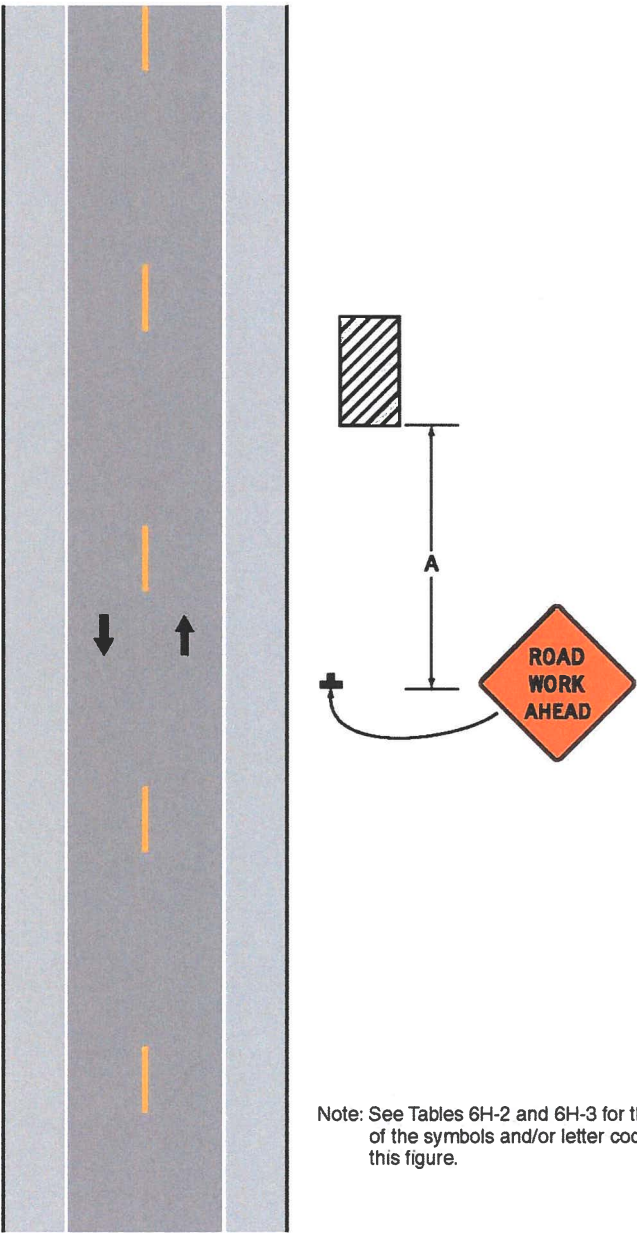
Option:

2. The ROAD WORK AHEAD sign may be replaced with other appropriate signs such as the SHOULDER WORK sign. The SHOULDER WORK sign may be used for work adjacent to the shoulder.
3. The ROAD WORK AHEAD sign may be omitted where the work space is behind a barrier, more than 24 inches behind the curb, or 15 feet or more from the edge of any roadway.
4. For short-term, short duration or mobile operation, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
5. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

Standard:

6. Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.

Figure 6H-1. Work Beyond the Shoulder (TA-1)



Typical Application 1

Sect. 6H.01

December 2009

December 2009

Sect. 6H.01

PROJECT:

PROJECT ID NUMBER:

1906CRZP ROW NRGV 0181

PERMITTING ENTITY:

CITY OF NORTH RIDGEVILLE

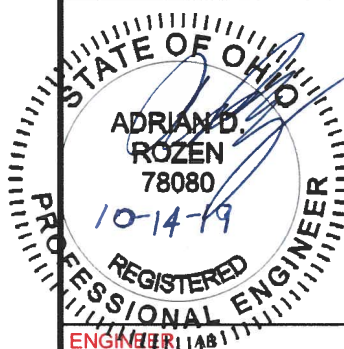
PROJECT LOCATION:

NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP
Mastec
OUTSIDE PLANT CONSTRUCTION
WESTLAKE, FDA024 NRGV UG CONST PHASE II
UNDERGROUND CONDUIT INSTALLATION

FORESITE
group

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: F-01

TRAFFIC CONTROL PLAN - TYPICAL DETAILS

Page 688

2009 Edition

2009 Edition

Page 689

Notes for Figure 6H-28—Typical Application 28
Sidewalk Detour or Diversion

Standard:

- 1. When crosswalks or other pedestrian facilities are closed or relocated, temporary facilities shall be detectable and shall include accessibility features consistent with the features present in the existing pedestrian facility.

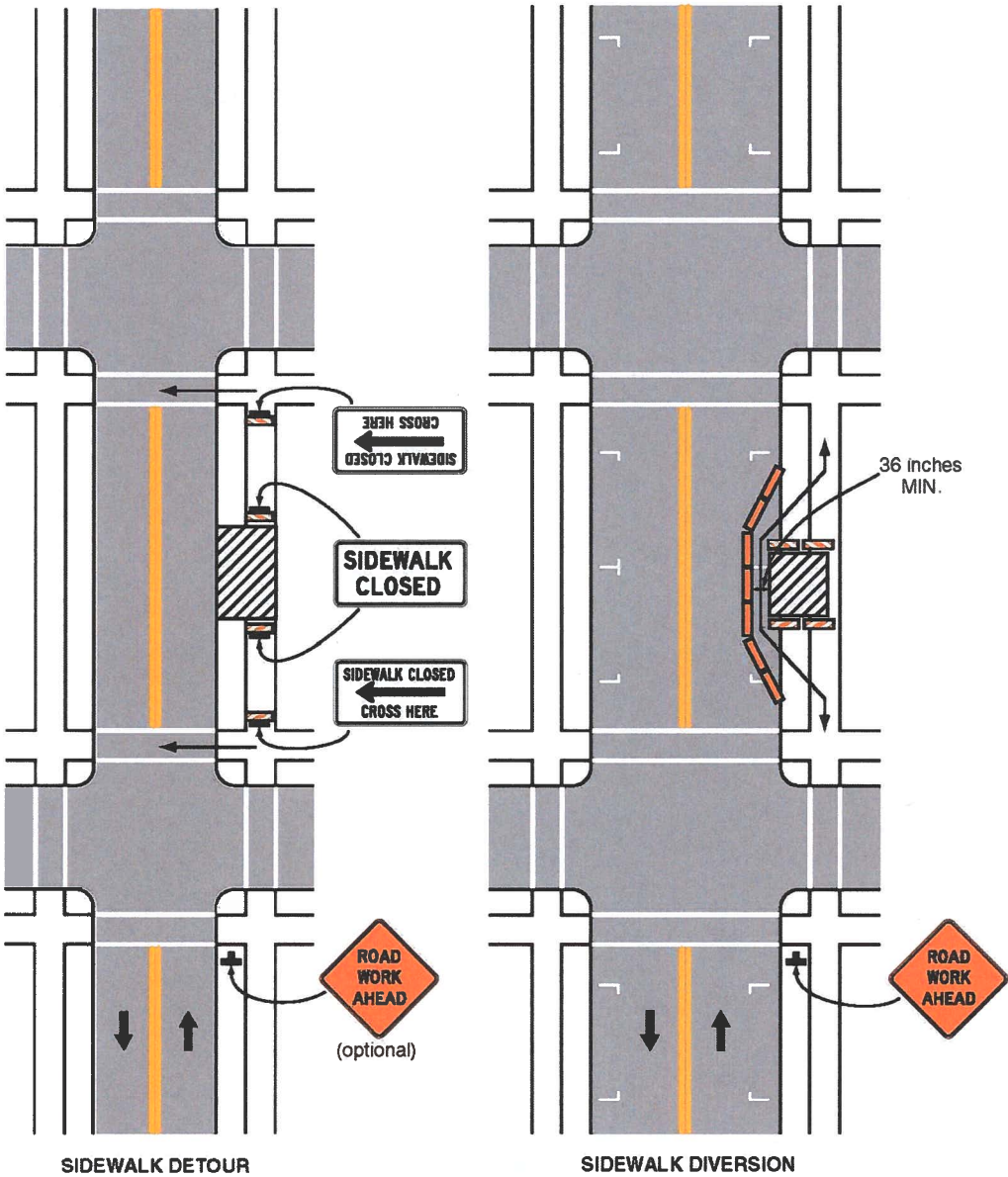
Guidance:

- 2. Where high speeds are anticipated, a temporary traffic barrier and, if necessary, a crash cushion should be used to separate the temporary sidewalks from vehicular traffic.
- 3. Audible information devices should be considered where midblock closings and changed crosswalk areas cause inadequate communication to be provided to pedestrians who have visual disabilities.

Option:

- 4. Street lighting may be considered.
- 5. Only the TTC devices related to pedestrians are shown. Other devices, such as lane closure signing or ROAD NARROWS signs, may be used to control vehicular traffic.
- 6. For nighttime closures, Type A Flashing warning lights may be used on barricades that support signs and close sidewalks.
- 7. Type C Steady-Burn or Type D 360-degree Steady-Burn warning lights may be used on channelizing devices separating the temporary sidewalks from vehicular traffic flow.
- 8. Signs, such as KEEP RIGHT (LEFT), may be placed along a temporary sidewalk to guide or direct pedestrians.

Figure 6H-28. Sidewalk Detour or Diversion (TA-28)



Typical Application 28

Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

PROJECT:

PROJECT ID NUMBER:

1906CRZP ROW NRGV 0181

PERMITTING ENTITY:

CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:

NORTH RIDGEVILLE, OH

McImetro

ACCESS TRANSMISSION SERVICES, CORP

OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA024 NRGV UG CONST PHASE II

UNDERGROUND CONDUIT INSTALLATION

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PROFESSIONAL ENGINEER

ENGINEER 11481

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DATE DESCRIPTION INITIAL

TRAFFIC CONTROL PLAN - TYPICAL DETAILS

Table 6H-2. Meaning of Symbols on Typical Application Diagrams

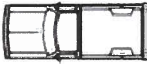
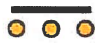
	Arrow board		Shadow vehicle
	Arrow board support or trailer (shown facing down)		Sign (shown facing left)
	Changeable message sign or support trailer		Surveyor
	Channelizing device		Temporary barrier
	Crash cushion		Temporary barrier with warning light
	Direction of temporary traffic detour		Traffic or pedestrian signal
	Direction of traffic		Truck-mounted attenuator
	Flagger		Type 3 barricade
	High-level warning device (Flag tree)		Warning light
	Longitudinal channelizing device		Work space
	Luminaire		Work vehicle
	Pavement markings that should be removed for a long-term project		

Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	100 feet	100 feet	100 feet
Urban (high speed)*	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

* Speed category to be determined by highway agency

** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

Table 6H-4. Formulas for Determining Taper Length

Speed (S)	Taper Length (L) in feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

Where: L = taper length in feet
W = width of offset in feet
S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

PROJECT:

PROJECT ID NUMBER:
1906CRZP ROW NRGV 0181

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP

Mastec
OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA024 NRGV UG CONST PHASE II
UNDERGROUND CONDUIT INSTALLATION

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STATE OF OHIO
ADRIAN D. ROZEN
78080
10-14-19
REGISTERED PROFESSIONAL ENGINEER

ENGINEER: AR

DRAWN BY: SD

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: F-03

MCImetro
ACCESS TRANSMISSION SERVICES CORP

MasTec

OUTSIDE PLANT CONSTRUCTION

FORESITE
group

ENGINEERING SERVICES

WESTLAKE_FDA024 NRGV UG CONST PHASE III

NORTH RIDGEVILLE, OH

UNDERGROUND CONDUIT INSTALLATION

RIGHT-OF-WAY CONSTRUCTION PERMIT

MCI PERMIT NUMBER: 1906CRZP_ROW_NRGV_0183
SITE CODE: 1906CRZP



PROJECT STATUS: PERMITTING
STATUS DATE: 10/10/2019



SHEET INDEX

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PROJECT OVERVIEW	A-02
SYMBOL KEY	A-03

CONTACT INFORMATION (B-SERIES)

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CONSTRUCTION PLANS (C-SERIES)

SITE PLAN SHEETS	C-01 - C-03
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STANDARD NOTES & DETAILS (D-SERIES)

GENERAL NOTES	D-01 - D-02
CONSTRUCTION DETAIL DRAWINGS	D-03 - D-04

SPECIFIC NOTES & DETAILS (E-SERIES)

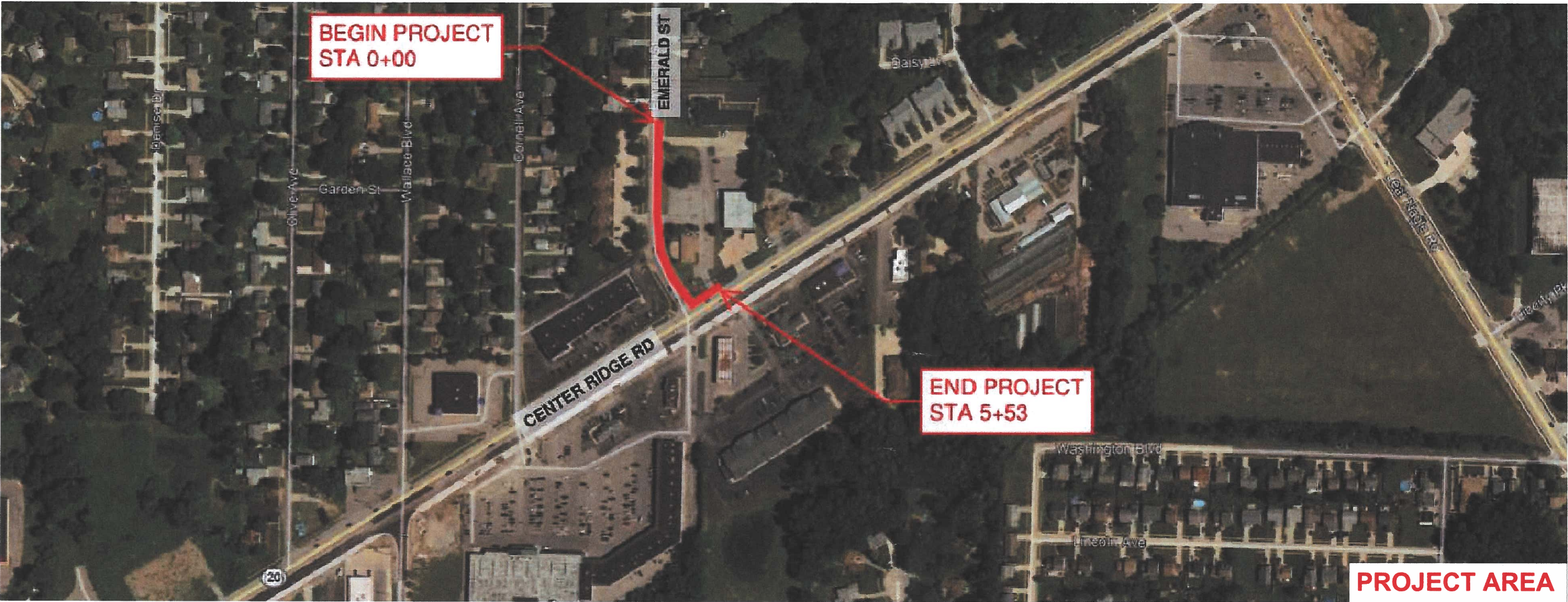
INSTALLATION IMAGES	E-01 - E-02
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ADDITIONAL INFORMATION (F-SERIES)

TRAFFIC CONTROL TYPICALS	F-01 - F-03
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PROJECT:		
PROJECT ID NUMBER:		
1906CRZP ROW NRGV 0183		
PERMITTING ENTITY:		
CITY OF NORTH RIDGEVILLE		
PROJECT LOCATION:		
NORTH RIDGEVILLE, OH		
McImetro ACCESS TRANSMISSION SERVICES, CORP Mastec OUTSIDE PLANT CONSTRUCTION WESTLAKE, FDA024 NRGV UG CONST PHASE II UNDERGROUND CONDUIT INSTALLATION		
FORESITE group Foresite Group, LLC 3000 E Cesar Chavez St Suite 400 Austin, TX 78702 www.fg-inc.net o 334.887.6024 f 334.887.6024		
STATE OF OHIO ADRIAN D. ROZEN 78080 10-14-19 REGISTERED PROFESSIONAL ENGINEER		
ENGINEER: AB		
DRAWN BY: SD		
REVISIONS		
DATE	DESCRIPTION	INITIAL
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SCALE		
HORIZONTAL: N/A		
VERTICAL: N/A		
SHEET: A-01		

PROJECT OVERVIEW



PROJECT SCOPE

ADDRESS RANGE TABLE

PRIMARY STREET	ADDRESSES	CROSS STREET(S)
CENTER RIDGE RD	34160	NONE
EMERALD ST	6150	NONE

PROJECT QUANTITIES

INSTALL	QNTY
2"D CONDUIT (DIRECT. BORE)	553 LF
2"D CONDUIT (MISSILE BORE)	0 LF
2"D CONDUIT (TRENCH)	0 LF
17"X30"X24" VAULT(S)	2
24"X36"X24" VAULT(S)	0
30"X48"X24" VAULT(S)	0
30"X60"X30" VAULT(S)	0
48"X48"X48" MANHOLE(S)	0

PROJECT:

PROJECT ID NUMBER

1906CRZP ROW NRGV 0183

PERMITTING ENTITY

CITY OF NORTH RIDGEVILLE

PROJECT LOCATION

NORTH RIDGEVILLE, OH

MCimetro

ACCESS TRANSMISSION SERVICES, CORP

Mastec

OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA024 NRGV UG CONST PHASE III

UNDERGROUND CONDUIT INSTALLATION

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STATE OF OHIO

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10-14-19

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PROFESSIONAL ENGINEER

ENGINEER:

AB

DRAWN BY:

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SCALE

HORIZONTAL:

N/A

VERTICAL:

N/A

SHEET:

A-02

SYMBOL KEY

MCI PROPOSED CONSTRUCTION

	DIRECTIONAL BORE/MISSILE BORE
	OPEN TRENCH
	17"X30"X24" VAULT
	24"X36"X24" VAULT
	30"X48"X24" VAULT
	30"X60"X30" VAULT
	BORE PIT
	48"X48"X48" MANHOLE
	SPLICE ENCLOSURE

MCI EXISTING/FUTURE CONSTRUCTION

	EXISTING MCI METRO CONDUIT
	EXISTING MCI METRO VAULT
	FUTURE MCI METRO CONDUIT
	FUTURE 17"X30"X24" VAULT
	FUTURE 24"X36"X24" VAULT
	FUTURE 30"X48"X24" VAULT
	FUTURE 30"X60"X30" VAULT

OTHER UTILITIES

	WATER LINE
	FIRE HYDRANT
	WATER VALVE
	WATER METER
	STORMWATER LINE
	STORMWATER ACCESS
	STORMWATER CATCH BASIN
	WASTEWATER LINE
	WASTEWATER MANHOLE
	OVERHEAD POWER LINE
	UNDERGROUND POWER LINE
	POWER TRANSFORMER
	POWER MANHOLE
	POWER JUNCTION BOX
	POWER CABINET
	POWER VAULT
	POLE
	STREET LIGHT
	TRAFFIC LIGHT

OTHER UTILITIES

	GAS LINE
	GAS METER
	GAS VALVE
	TELECOM LINE
	TELECOM MANHOLE
	TELECOM CABINET
	TELECOM VAULT
	UNKNOWN MANHOLE
	UNKNOWN VAULT

PLANIMETRICS

	SIDEWALK
	EDGE OF PAVEMENT
	BACK OF CURB
	RIGHT OF WAY
	STREET CENTERLINE
	TREE

PROJECT:

PROJECT ID NUMBER:

1906CRZP ROW NRGV 0183

PERMITTING ENTITY:

CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:

NORTH RIDGEVILLE, OH

MCI metro

ACCESS TRANSMISSION SERVICES, CORP

Mastec

OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA024 NRGV UG CONST PHASE III

UNDERGROUND CONDUIT INSTALLATION

FORESITE

group

ForeSite Group, LLC

3000 E Cesar Chavez St

Suite 400

Austin, TX 78702

www.fsinc.net

o | 334.887.6064

f | 334.887.6024

STATE OF OHIO

ADRIAN D. ROZEN

78080

10-14-19

REGISTERED PROFESSIONAL ENGINEER

ENGINEER: AB

DRAWN BY: SD

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: A-03

CONTACT INFORMATION

MCI METRO INC.

OUTSIDE PLANT ENGINEERING:

SENIOR PROJECT ENGINEER: PATRICK WEAVER	(412)290-6995
PROJECT ENGINEER: JEFF KADUSKY	(330)819-1444
PROJECT MANAGER: DAVID GROSS	(216)462-2281

RIGHT-OF-WAY:

MANAGER: AARON CORNISH	(972)457-8360
---------------------------	---------------

ENGINEERING CONTRACTOR:

NAME OF FIRM: FORESITE GROUP	
PROJECT MANAGER: JAMES POHLOD	(310)351-1030
PROJECT ENGINEER: ARNALDO BLANCO ADRIAN ROZEN	(787)349-2960 (813)549-3250

CONSTRUCTION CONTRACTOR:

NAME OF FIRM: MASTEC	
PROJECT MANAGER: DAN KUCHES	(984)218-3122
PROJECT SUPERVISOR: BRIAN ANDERSON	(216)212-2498

UTILITIES

MCI UTILITY LOCATE	1-(800)624-9675
ONE CALL SYSTEM (UTILITY LOCATES)	
AT&T OHIO: JOHN GARRITY	(262)896-6552
BRAINARD GAS CORPORATION: TBD	(440)437-8600
CENTURYTEL/CENTURYLINK: TBD	TBD
CLEVELAND ELECTRIC ILLUMINATING: REBECCA H	(440)546-8744
PEPPERS CLEVELAND PUBLIC POWER: CHRIS HIRZEL	(216)420-7704.122
CLEVELAND-CUYAHOGA COUNTY PORT AUTHORITY:	(216)241-8004
TBD COLUMBIA GAS OF OHIO, INC.: TBD	TBD
CONSUMERS GAS CORPORATIVE: DAN BURKHART	(330)682-4144
DOMINION EAST OHIO: TBD	TBD
FIBER TECHNOLOGIES NETWORKS LLC: NICOLE	(585)697-5130
WALKER FRONTIER/NORTH: TAMMY ALBRIGHT	TBD
GRANGER ENERGY OF LAKE COUNTY: TBD	(517)372-2800
KNOX ENERGY COOPERATIVE ASSOCIATION, INC: TBD	(330)498-9130
NORTHEAST OHIO NATURAL GAS CORPORATION: TBD	1-(800)237-2099
OHIO EDISON: AMANDA RICHARDSON	1-(800)633-4766
OHIO RURAL NATURAL GAS COOPERATIVE: TBD	(440)255-5198
ORWELL NATURAL GAS COMPANY: TBD	TBD
PAINESVILLE ELECTRIC: J. MCHUGH	(440)392-5926
SUMMIT COUNTY PORT AUTHORITY: LORI SALLAZ	(330)762-4776
SUNESYS-NOW CROWN CASTLE FIBER: TBD	TBD
WINDSTREAMOHIO: TBD	TBD
WINDSTREAMWESTERNRESERVE: TBD	TBD

PROJECT:

PROJECT ID NUMBER:

1906CRZP ROW NRGV 0183

PERMITTING ENTITY:

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PROJECT LOCATION:

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STATE OF OHIO

ADRIAN D. ROZEN

78080

10-14-19

REGISTERED PROFESSIONAL ENGINEER

ENGINEER: AB

DRAWN BY: SD

REVISIONS

DATE	DESCRIPTION	INITIAL

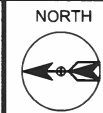
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SCALE

HORIZONTAL: N/A

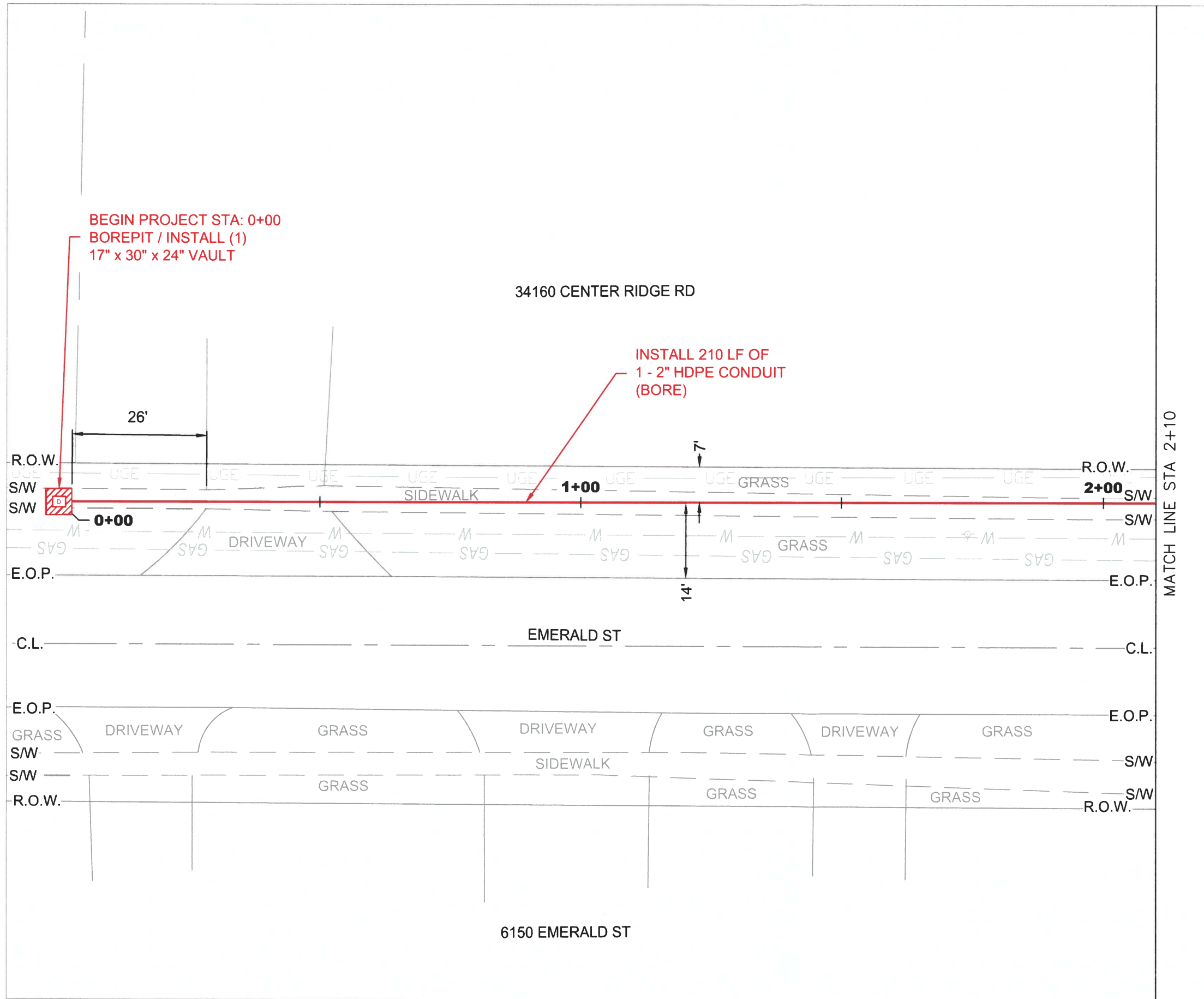
VERTICAL: N/A

SHEET: B-01



LEGEND:

- BORE/MISSILE BORE
- OPEN TRENCH
- SW SIDEWALK
- E.O.P. EDGE OF PAVEMENT
- B.O.C. BACK OF CURB
- R.O.W. RIGHT OF WAY
- C.L. STREET CENTERLINE
- POTHOLE LOCATION



NOTE TO CONTRACTOR:
ANY BOREPITS DUG NEXT TO DRIPLINE OF AN EXISTING TREE
TO BE DUG USING HYDRO VACUUM EXCAVATION.

CAUTION!!
ANY DISTURBANCE TO INFRASTRUCTURE WITHIN 15 FEET OF
ADA RAMP WILL REQUIRE ENTIRE RAMP TO BE REPAIRED IN
ACCORDANCE WITH ALL REQUIRED ADA STANDARDS AND
SPECIFICATIONS.

CONTRACTOR TO PLACE UTILITY WITH A MINIMUM OF 36
INCHES OF COVER WHEN UNOBSTRUCTED. CONTRACTOR TO
MAINTAIN 24 INCHES OF SEPARATION FROM OTHER UTILITIES.
DEPTH TO BE ADJUSTED ACCORDINGLY.

UTILITY LOCATIONS SHOWN ON THIS PLAN ARE BASED ON
DOCUMENT RESEARCH AND FIELD EVALUATION. THE
INFORMATION MAY NOT BE ACCURATE OR COMPLETE. IT IS
THE CONTRACTOR'S RESPONSIBILITY TO PHYSICALLY
LOCATE AND VERIFY LOCATION AND DEPTH OF ALL UTILITIES
WITHIN CONSTRUCTION PATH.
ALL INSTALLATIONS MUST COMPLY WITH MINIMUM
HORIZONTAL AND VERTICAL CLEARANCES FROM UTILITIES.

PROJECT:

PROJECT ID NUMBER:
1906CRZP ROW NRGV 0183

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP

Mastec
OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA024 NRGV UG CONST PHASE III
UNDERGROUND CONDUIT INSTALLATION

FORESITE
group

Foresite Group, LLC
3000 E Cesar Chavez St.
Suite 400
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STATE OF OHIO
ADRIAN D. ROZEN
78080
10-14-19
REGISTERED PROFESSIONAL ENGINEER

ENGINEER: AB

DRAWN BY: SD

REVISIONS

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SCALE

HORIZONTAL: 1" = 20'

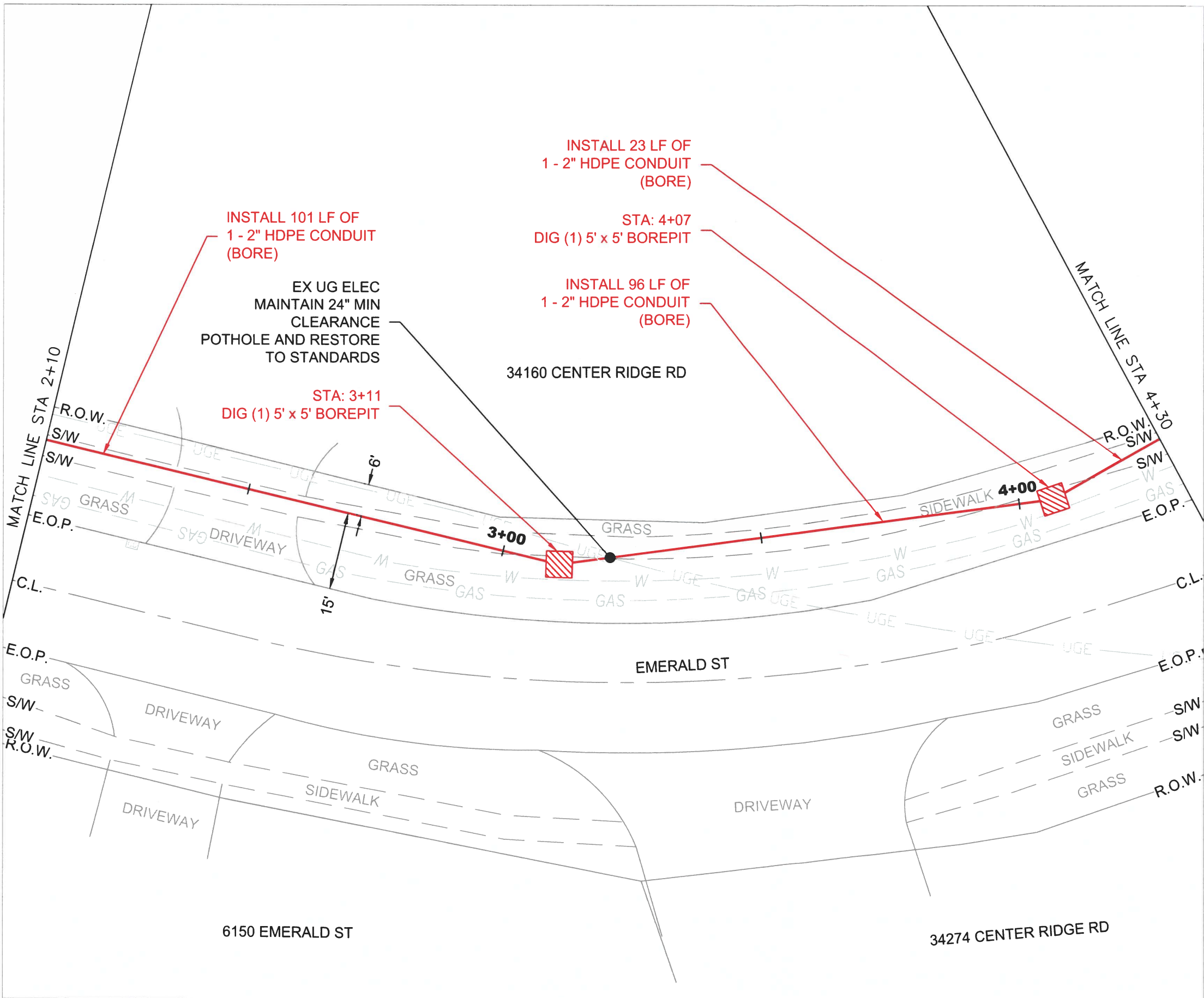
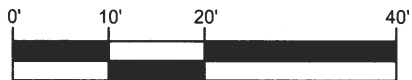
VERTICAL: N/A

SHEET: C-01



LEGEND:

- BORE/MISSILE BORE
- OPEN TRENCH
- S/W SIDEWALK
- E.O.P. EDGE OF PAVEMENT
- B.O.C. BACK OF CURB
- R.O.W. RIGHT OF WAY
- C.L. STREET CENTERLINE
- POTHOLE LOCATION



PROJECT:

PROJECT ID NUMBER:
1906CRZP ROW NRGV 0183
PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE
PROJECT LOCATION:
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP
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STATE OF OHIO
ADRIAN D. ROZEN
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10-14-19
REGISTERED
PROFESSIONAL ENGINEER

ENGINEER: AB

DRAWN BY: SD

REVISIONS		
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SCALE	
HORIZONTAL:	1" = 20'
VERTICAL:	N/A

SHEET: C-02

NOTE TO CONTRACTOR:
ANY BOREPITS DUG NEXT TO DRIPLINE OF AN EXISTING TREE TO BE DUG USING HYDRO VACUUM EXCAVATION.

CAUTION!!
ANY DISTURBANCE TO INFRASTRUCTURE WITHIN 15 FEET OF ADA RAMP WILL REQUIRE ENTIRE RAMP TO BE REPAIRED IN ACCORDANCE WITH ALL REQUIRED ADA STANDARDS AND SPECIFICATIONS.

CONTRACTOR TO PLACE UTILITY WITH A MINIMUM OF 36 INCHES OF COVER WHEN UNOBSTRUCTED. CONTRACTOR TO MAINTAIN 24 INCHES OF SEPARATION FROM OTHER UTILITIES. DEPTH TO BE ADJUSTED ACCORDINGLY.

UTILITY LOCATIONS SHOWN ON THIS PLAN ARE BASED ON DOCUMENT RESEARCH AND FIELD EVALUATION. THE INFORMATION MAY NOT BE ACCURATE OR COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PHYSICALLY LOCATE AND VERIFY LOCATION AND DEPTH OF ALL UTILITIES WITHIN CONSTRUCTION PATH. ALL INSTALLATIONS MUST COMPLY WITH MINIMUM HORIZONTAL AND VERTICAL CLEARANCES FROM UTILITIES.



- LEGEND:
- BORE/MISSILE BORE
 - OPEN TRENCH
 - S/W SIDEWALK
 - E.O.P EDGE OF PAVEMENT
 - B.O.C BACK OF CURB
 - R.O.W. RIGHT OF WAY
 - C.L. STREET CENTERLINE
 - POTHOLE LOCATION



PROJECT:

PROJECT ID NUMBER:
1906CRZP ROW NRGV 0183

PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP

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STATE OF OHIO
ADRIAN D. ROZEN
78080
10-14-19
REGISTERED PROFESSIONAL ENGINEER

ENGINEER: AB

DRAWN BY: SD

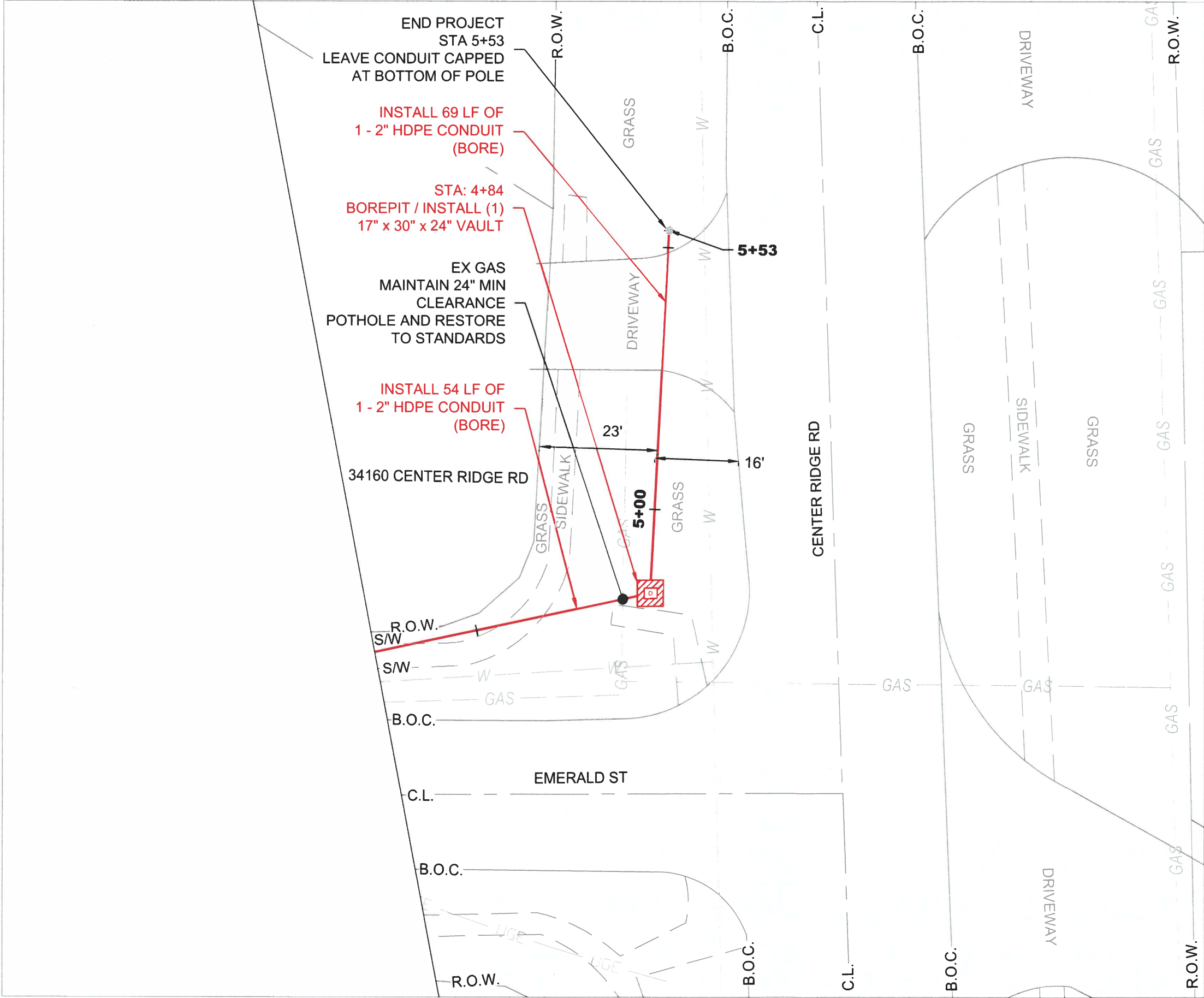
REVISIONS		
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SCALE

HORIZONTAL:	1" = 20'
VERTICAL:	N/A

SHEET: C-03



NOTE TO CONTRACTOR:
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CAUTION!!
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MCI METRO GENERAL NOTES AND REQUIREMENTS

GENERAL NOTES

- MCI COMPRISES THE FOLLOWING OPERATING ENTITIES:
 - MCI COMMUNICATIONS SERVICES, INC.
 - MCI METRO ACCESS TRANSMISSION SERVICES, LLC
 - MCI METRO ACCESS TRANSMISSION SERVICES OF VIRGINIA, INC.
 - MCI METRO ACCESS TRANSMISSION SERVICES OF MASSACHUSETTS, INC.
 - METROPOLITAN FIBER SYSTEMS OF NEW YORK, INC.
- ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS OF ANY REGULATING GOVERNMENTAL AGENCY, MCI METRO, OR THE RIGHT-OF-WAY GRANTOR.
- 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.
- UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS, BUT ARE 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.
- ALL KNOWN BURIED OBSTRUCTIONS ARE SHOWN ON SITE PLAN. ANY AND ALL OTHERS ENCOUNTERED ARE ALSO THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, PROTECT, AND REPAIR, IF DAMAGED.
- 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 CONDITIONS.
- EQUIPMENT TYPES SPECIFIED HEREIN (ie: "BACKHOE" "SWAMP PLOW", ETC.) ARE SUGGESTIONS ONLY AND ARE NOT INTENDED AS REQUIREMENTS. CONTRACTOR WILL BE NOTIFIED AS TO EXCEPTIONS.

MCI OSP CONSTRUCTION GENERAL REQUIREMENTS

- ALL FEDERAL, STATE AND LOCAL SAFETY REGULATIONS MUST BE FOLLOWED WITHOUT EXCEPTION.
- PERSONAL PROTECTIVE EQUIPMENT APPROPRIATE FOR THE SPECIFIC WORK SITE SHALL BE USED AT ALL TIMES. AT A MINIMUM, HARD HAT, SAFETY SHOES/STEEL-TOED BOOTS, AND FLORESCENT ORANGE OR GREEN WORK VEST ARE REQUIRED UPON ENTERING ANY MCI WORK SITE.
- USE OF INTOXICANTS, DRUGS, INHALANTS OR ANY OTHER SUBSTANCES THAT MAY IMPAIR ALERTNESS ARE STRICTLY PROHIBITED.
- CONTRACTORS ARE NOT ALLOWED TO CUT ANY CABLE. CABLES SCHEDULED FOR REMOVAL WILL BE CUT BY MCI OPERATIONS PERSONNEL, AND ONLY AFTER VERIFICATION THAT ALL TRAFFIC HAS BEEN OFF-LOADED.
- EXTREME CAUTION MUST BE USED AT ALL TIMES WHEN WORKING ON OR NEAR ACTIVE CABLES. AN MCI EMPLOYEE OR CONTRACT REPRESENTATIVE MUST APPROVE AND BE PRESENT PRIOR TO AND DURING ALL CABLE HANDLING ACTIVITIES.
- TOOLS AND EQUIPMENT SPECIFICALLY DESIGNED FOR THE JOB AT HAND ARE REQUIRED. USE THE PROPER TOOL FOR THE JOB.
- CONDUIT WORK INVOLVING ACTIVE CABLES REQUIRES SPECIALIZED TOOLS SPECIFICALLY DESIGNED TO ACCESS DUCTS WITH ACTIVE CABLES.
- PROTECTING MCI FACILITIES IS EXTREMELY IMPORTANT; HOWEVER, SAFETY REGARDING YOURSELF AND OTHERS IS THE MOST IMPORTANT PART OF ANY PROJECT.

PROJECT:

PROJECT ID NUMBER:
1906CRZP ROW NRGV 0183

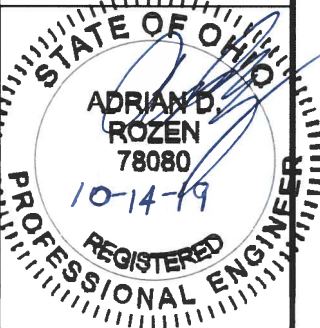
PERMITTING ENTITY:
CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

MCI metro
ACCESS TRANSMISSION SERVICES, CORP
Mastec
OUTSIDE PLANT CONSTRUCTION
WESTLAKE, FDA024 NRGV UG CONST PHASE II
UNDERGROUND CONDUIT INSTALLATION

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: D-01

MCI METRO GENERAL NOTES AND REQUIREMENTS

CONSTRUCTION NOTES

1. ALL CONDUIT WILL BE 4" ID SCHEDULE 40 (i.e. PVC OR BSP/GSP, MANUFACTURED SPLIT PVC OR SPLIT BSP/GSP), UNLESS SPECIFIED OTHERWISE.
2. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. SEE CONTACT SHEET FOR CONTACT NAME AND TELEPHONE NUMBER.
3. ALL UNDERGROUND OBSTRUCTIONS, WHEN LOCATED, WILL REQUIRE THE PLACEMENT OF A BURIED CABLE MARKER AND THE PLACEMENT OF 4' MANUFACTURED SPLIT PVC, BSP/GSP OVER OR UNDER EACH OBSTRUCTION.
4. SHORING MAY BE REQUIRED AND SHALL COMPLY WITH O.S.H.A. STANDARDS.
5. ALL BURIED CONDUIT/CABLE WILL BE PLACED AT 42" MINIMUM COVER UNLESS SPECIFIED OTHERWISE ON THE CONSTRUCTION DRAWINGS.
6. MECHANICAL PROTECTION SHALL BE REQUIRED ANYTIME A 36" MINIMUM COVER IS UNOBTAINABLE UNLESS SPECIFIED OTHERWISE ON THE CONSTRUCTION DRAWINGS.
7. ALL 90 DEGREE BENDS IN CONDUIT CONSTRUCTION WILL BE A MINIMUM 38.2" RADIUS UNLESS SPECIFIED OTHERWISE. ALL SPLIT CONDUIT BENDS AND SOLID PVC BENDS SHALL REQUIRE CONCRETE ENCASEMENT, UNLESS SPECIFIED OTHERWISE.
8. OPERATIONS PERSONNEL TO BE CONTACTED BY THE CONTRACTOR 48 HOURS PRIOR TO CONSTRUCTION. SEE CONTACT SHEET FOR CONTACT NAME AND TELEPHONE NUMBER.
9. ALL STATIONING IS BASED ON AS-BUILT INFORMATION, THEREFORE SOME VARIANCE SHOULD BE ANTICIPATED. ADJUST AS NEEDED.
10. RAILROAD COMMUNICATION AND SIGNAL CABLES TO BE LOCATED PRIOR TO THE CONSTRUCTION ACTIVITY. RAILROAD TO BE GIVEN 48 HOURS NOTICE PRIOR TO CONSTRUCTION.
11. ALL BURIED CABLE MARKER POSTS AND HARDWARE PLACED AND/OR REMOVED ON ALL NEW AND EXISTING ROUTES SHALL BE IMPLEMENTED AS FOLLOWS.

ON THOSE ROUTES THAT ARE CONSIDERED TO BE IN A NORTH TO SOUTH GEOGRAPHICAL ORIENTATION, THE SOUTHERN-MOST SIGN AND POST SHOULD BE REMOVED. FOR NEW ROUTES BEING CONSTRUCTED, ONE SIGN POST WILL BE PLACED AT THE NORTH END OF EACH HANDHOLE.

ON THOSE ROUTES THAT ARE CONSIDERED TO BE IN AN EAST TO WEST GEOGRAPHICAL ORIENTATION, THE WESTERN-MOST SIGN AND POST SHOULD BE REMOVED. FOR NEW ROUTES BEING CONSTRUCTED, ONE SIGN POST WILL BE PLACED AT THE EAST END OF THE EACH HANDHOLE.

FIBER OPTIC CABLE UNCOVERING SYSTEM

1. THE TITLE OF THIS PROGRAM, F.O.C.U.S., AN ACRONYM FOR "FIBER OPTIC CABLE UNCOVERING SYSTEM," WAS SELECTED TO REMIND EVERYONE INVOLVED WITH WORKING NEAR MCI'S ACTIVE FIBER OPTIC SYSTEMS TO FOCUS ON PROTECTING THE FACILITIES. IF, DURING THE COURSE OF THE PROJECT, YOU NOTICE ANY ACTIVITY WHICH MAY JEOPARDIZE THE MCI OSP FACILITIES, IT IS YOUR DUTY TO STOP THE WORK AND RE-F.O.C.U.S.
2. F O.C.U.S. RULES MUST BE FOLLOWED ON ALL MCI PROJECTS INVOLVING WORK ON OR NEAR MCI OSP FACILITIES. SAFETY IS MCI'S NUMBER ONE PRIORITY; EVERYONE MUST REFRAIN FROM UNSAFE AND IMPROPER PRACTICES.
3. REVIEW OF F.O.C.U.S. IS MANDATORY AT EVERY PRE-BID, PRE-CONSRUCTION SITE MEETING AND DAILY TAILGATE MEETING. F.O.C.U.S. DISCUSSION MUST INCLUDE SITE-SPECIFIC HISTORY, UNIQUE PROBLEMS, FACILITY CONFIGURATIONS THAT MAY BE ENCOUNTERED, AND PAST ERRORS. "THOSE WHO DO NOT LEARN FROM HISTORY ARE DOOMED TO REPEAT IT." DO NOT LET THIS HAPPEN TO YOU.
4. ANY WORK NEAR OR REQUIRING HANDLING OF MCI OUTSIDE PLANT FACILITIES CAN ONLY BE PERFORMED WITH AN MCI EMPLOYEE OR CONTRACT REPRESENTATIVE PRESENT – THIS MEANS OUT OF HIS OR HER VEHICLE AND DIRECTLY MONITORING THE SYSTEM. THE REPRESENTATIVE MUST HAVE A PROPERLY OPERATING CABLE LOCATOR CHECKED FOR ACCURACY EVERY DAY PRIOR TO COMMENCEMENT OF WORK (COMPARISON OF LINE AND DEPTH READINGS TO ACTUAL LINE AND DEPTH OF THE CABLE).
5. LOCATE AND POT HOLE REQUIREMENTS:

PRIOR TO ANY EXCAVATION, THE MCI EMPLOYEE OR CONTRACT REPRESENTATIVE MUST VERIFY THE INITIAL LOCATE MARKS COMPLETED BY MCI OPERATIONS. DO NOT TRUST LOCATE RESULTS COMPLETED BY OTHERS! THE MCI OR CONTRACT REPRESENTATIVE MUST LOCATE THE CABLE RUNNING LINE BY MAKING AT LEAST ONE PASS IN EACH DIRECTION. LOCATE RESULTS MUST THEN BE COMPARED WITH PREVIOUS MARKS AND THE AS-BUILTS.

IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 3 FEET OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POT HOLE (ALL POT HOLES MUST BE COMPLETED BY HAND DIGGING OR VACUUM EXCAVATION) A MINIMUM OF EVERY 15 FT., THEN EXPOSE THE ENTIRE LENGTH OF THE CABLE BY HAND DIGGING OR VACUUM EXCAVATION.

IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 5 FEET (BUT NOT CLOSER THAN 3 FEET) OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POT HOLE THE CABLE A MINUMUM OF EVERY 15 FT.

IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 15 FEET (BUT NOT CLOSER THAN 5 FEET) OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POT HOLE THE CABLE A MINIMUM OF EVERY 30 FT.

THE CABLE WILL ALSO BE POT HOLED AT ANY CHANGE IN THE RUNNING LINE OF MORE THAN 1 FT. IN ANY DIRECTION, ANYTIME THE ACCURACY OF THE ELECTRONIC LOCATE IS QUESTIONED, OR THE MARKED RUNNING LINE DOES NOT MATCH THE AS-BUILTS.
6. EXPOSING REQUIREMENTS:

NO MECHANICAL EXCAVATION WITHIN 3 FT. OF OSP FACILITIES WILL BE ALLOWED UNLESS THE FACILITIES HAVE FIRST BEEN PROPERLY LOCATED, POT HOLED, POSITIVELY IDENTIFIED, CONTINUOUSLY EXPOSED BY HAND DIGGING OR VACUUM EXCAVATION, AND THE FACILITES ARE CLEARLY VISIBLE.

IN ADDITION, MECHANICAL EXCAVATION WITHIN 3 FT. OF OSP FACILITIES REQUIRES ON-SITE PRIOR APPROVAL FROM MCI'S EMPLOYEE OR CONTRACT REPRESENTATIVE.
7. PLEASE REFER TO THE LATEST EDITION OF THE MCI OSP HANDBOOK FOR ADDITIONAL DETAILS. KNOW IT AND FOLLOW IT.

PROJECT:

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MCI metro

ACCESS TRANSMISSION SERVICES, CORP

Mastec

OUTSIDE PLANT CONSTRUCTION

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STATE OF OHIO

ADRIAN D. ROZEN

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10-14-19

REGISTERED PROFESSIONAL ENGINEER

ENGINEER: AB

DRAWN BY: SD

REVISIONS		
DATE	DESCRIPTION	INITIAL

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SCALE

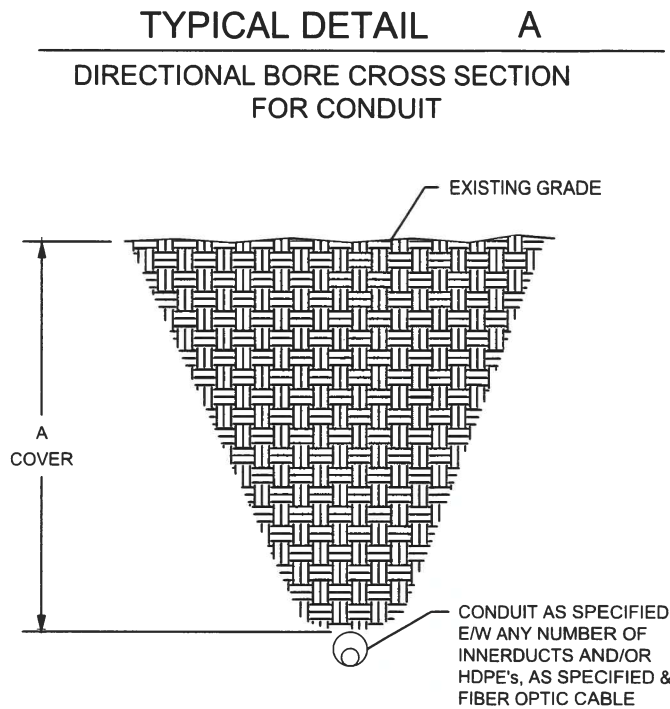
HORIZONTAL: N/A

VERTICAL: N/A

SHEET: D-02

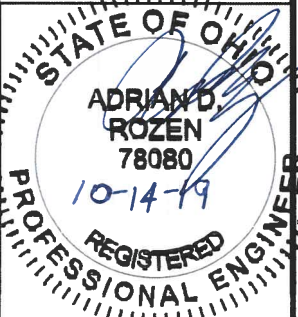
MCI CONSTRUCTION DETAILS/TYPICALS

TYPICAL DIRECTIONAL BORE DETAIL



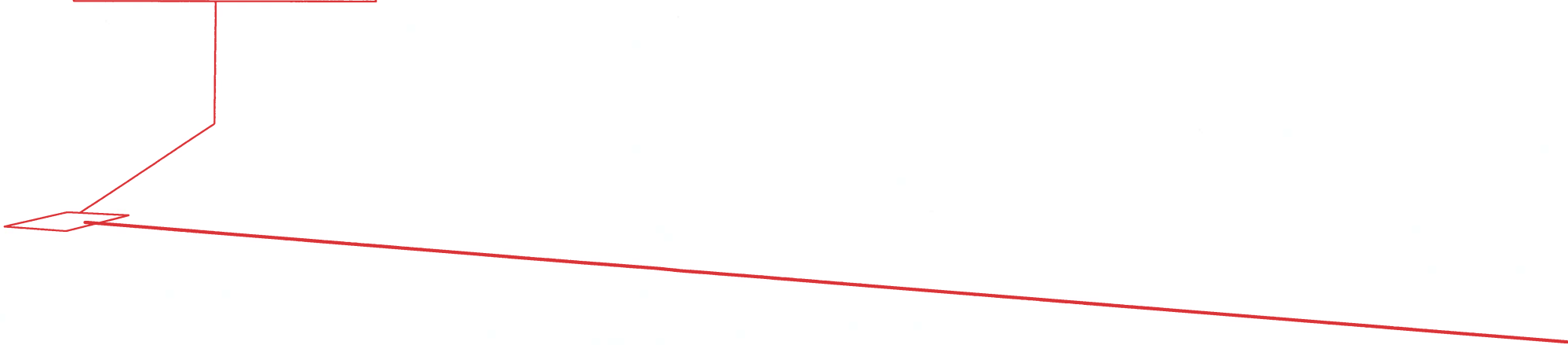
PROJECT:		
PROJECT ID NUMBER: 1906CRZP ROW NRGV 0183		
PERMITTING ENTITY: CITY OF NORTH RIDGEVILLE		
PROJECT LOCATION: NORTH RIDGEVILLE, OH		
MCI metro ACCESS TRANSMISSION SERVICES, CORP		Mastec OUTSIDE PLANT CONSTRUCTION WESTLAKE_FDA024 NRGV UG CONST PHASE III UNDERGROUND CONDUIT INSTALLATION
FORESITE group ForeSite Group, LLC 3000 E Cesar Chavez St Suite 400 Austin, TX 78702 www.fsinc.net 334.887.5084 334.887.5024		
STATE OF OHIO ADRIAN D. ROZEN 78080 10-14-19 REGISTERED PROFESSIONAL ENGINEER		
ENGINEER: AB		
DRAWN BY: SD		
REVISIONS		
DATE	DESCRIPTION	INITIAL
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SCALE		
HORIZONTAL:		N/A
VERTICAL:		N/A
SHEET: D-03		

MCI CONSTRUCTION DETAILS/TYPICALS

PROJECT:		
PROJECT ID NUMBER:		
1906CRZP ROW NRGV 0183		
PERMITTING ENTITY:		
CITY OF NORTH RIDGEVILLE		
PROJECT LOCATION:		
NORTH RIDGEVILLE, OH		
MCI metro ACCESS TRANSMISSION SERVICES, CORP		Mastec OUTSIDE PLANT CONSTRUCTION WESTLAKE_FD0024 NRGV UG CONST PHASE III UNDERGROUND CONDUIT INSTALLATION
FORESITE group ForeSite Group, LLC 3000 E Cesar Chavez St Suite 400 Austin, TX 78702 w www.fsinc.net o 334.887.6084 f 334.887.6024		
		
ENGINEER: AB		
DRAWN BY: SD		
REVISIONS		
DATE	DESCRIPTION	INITIAL
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SCALE		
HORIZONTAL: N/A		
VERTICAL: N/A		
SHEET: D-04		

INSTALLATION IMAGES

STA: 0+00
BOREPIT / INSTALL (1)
17" x 30" x 24" VAULT



(BEGIN PROJECT) AT STATION 0+00

PROJECT:		
PROJECT ID NUMBER: 1906CRZP ROW NRGV 0183		
PERMITTING ENTITY: CITY OF NORTH RIDGEVILLE		
PROJECT LOCATION: NORTH RIDGEVILLE, OH		
MClmetro ACCESS TRANSMISSION SERVICES, CORP Mastec OUTSIDE PLANT CONSTRUCTION WESTLAKE_FDA024 NRGV UG CONST PHASE III UNDERGROUND CONDUIT INSTALLATION		
FORESITE group ForeSite Group, LLC 3000 E Cesar Chavez St. Suite 400 Austin, TX 78702 www.fg-inc.net 334.567.5054 334.887.5024		
ENGINEER: AB		
DRAWN BY: SD		
REVISIONS		
DATE	DESCRIPTION	INITIAL
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SCALE		
HORIZONTAL:	N/A	
VERTICAL:	N/A	
SHEET: E-01		

INSTALLATION IMAGES

STA: 4+84
BOREPIT / INSTALL (1)
17" x 30" x 24" VAULT



STA: 5+53
RISER ON POLE
(TERMINATE AT
BASE OF POLE)

(END PROJECT) AT STATION 5+53

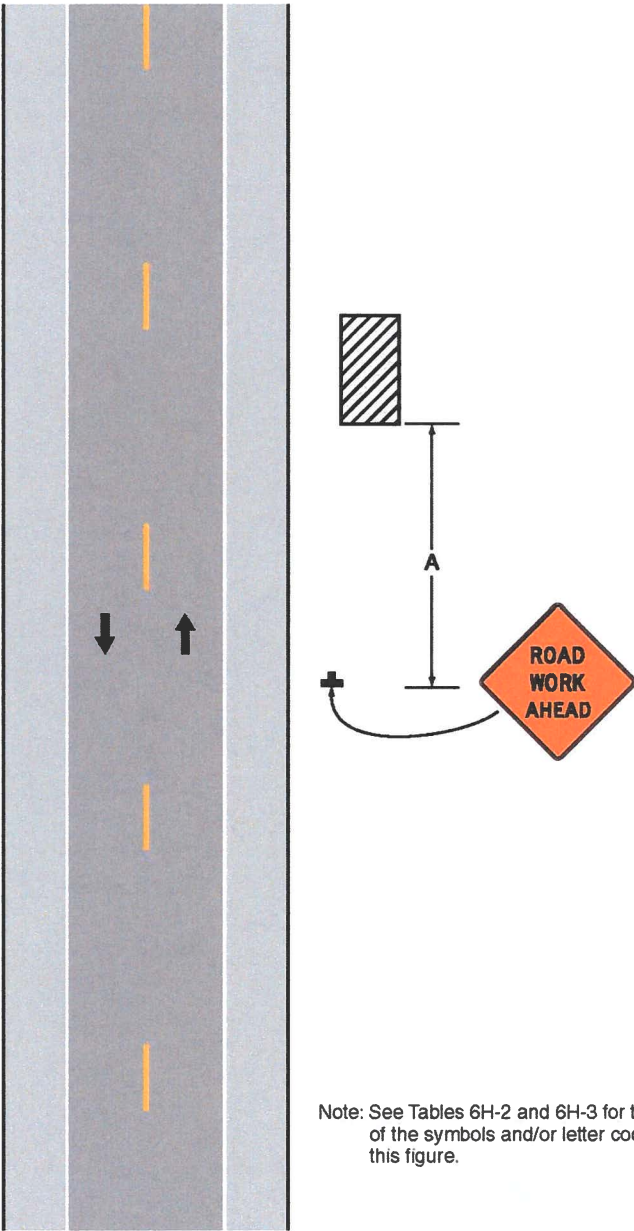
PROJECT:		
PROJECT ID NUMBER: 1906CRZP ROW NRGV 0183		
PERMITTING ENTITY: CITY OF NORTH RIDGEVILLE		
PROJECT LOCATION: NORTH RIDGEVILLE, OH		
MCI metro ACCESS TRANSMISSION SERVICES, CORP		Mastec OUTSIDE PLANT CONSTRUCTION WESTLAKE_FDA024 NRGV UG CONST PHASE III UNDERGROUND CONDUIT INSTALLATION
FORESITE group Foresite Group, LLC 3000 E Cesar Chavez St Suite 400 Austin, TX 78702 www.fg-inc.net 334.887.6064 334.887.6024		
STATE OF OHIO ADRIAN D. ROZEN 78080 10-14-19 REGISTERED PROFESSIONAL ENGINEER		
ENGINEER: AR		
DRAWN BY: SD		
REVISIONS		
DATE	DESCRIPTION	INITIAL
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SCALE		
HORIZONTAL:		N/A
VERTICAL:		N/A
SHEET: E-02		

TRAFFIC CONTROL PLAN - TYPICAL DETAILS

Notes for Figure 6H-1—Typical Application 1
Work Beyond the Shoulder

- Guidance:
- 1. If the work space is in the median of a divided highway, an advance warning sign should also be placed on the left side of the directional roadway.
- Option:
- 2. The ROAD WORK AHEAD sign may be replaced with other appropriate signs such as the SHOULDER WORK sign. The SHOULDER WORK sign may be used for work adjacent to the shoulder.
 - 3. The ROAD WORK AHEAD sign may be omitted where the work space is behind a barrier, more than 24 inches behind the curb, or 15 feet or more from the edge of any roadway.
 - 4. For short-term, short duration or mobile operation, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
 - 5. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.
- Standard:
- 6. Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.

Figure 6H-1. Work Beyond the Shoulder (TA-1)



Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Typical Application 1

PROJECT:		
PROJECT ID NUMBER:		
1906CRZP ROW NRGV 0183		
PERMITTING ENTITY:		
CITY OF NORTH RIDGEVILLE		
PROJECT LOCATION:		
NORTH RIDGEVILLE, OH		
McImetro ACCESS TRANSMISSION SERVICES, CORP Mastec OUTSIDE PLANT CONSTRUCTION WESTLAKE_FDA024 NRGV UG CONST PHASE III UNDERGROUND CONDUIT INSTALLATION		
FORESITE group ForeSite Group, LLC 3000 E Cesar Chavez St. Suite 400 Austin, TX 78702 www.fg-inc.net 334.887.6064 334.887.6024		
STATE OF OHIO ADRIAN D. ROZEN 78080 10-14-19 REGISTERED PROFESSIONAL ENGINEER		
ENGINEER: AB		
DRAWN BY: SD		
REVISIONS		
DATE	DESCRIPTION	INITIAL
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SCALE		
HORIZONTAL:	N/A	
VERTICAL:	N/A	
SHEET: F-01		

TRAFFIC CONTROL PLAN - TYPICAL DETAILS

Page 688

2009 Edition

2009 Edition

Page 689

Notes for Figure 6H-28—Typical Application 28
Sidewalk Detour or Diversion

Standard:

- 1. When crosswalks or other pedestrian facilities are closed or relocated, temporary facilities shall be detectable and shall include accessibility features consistent with the features present in the existing pedestrian facility.

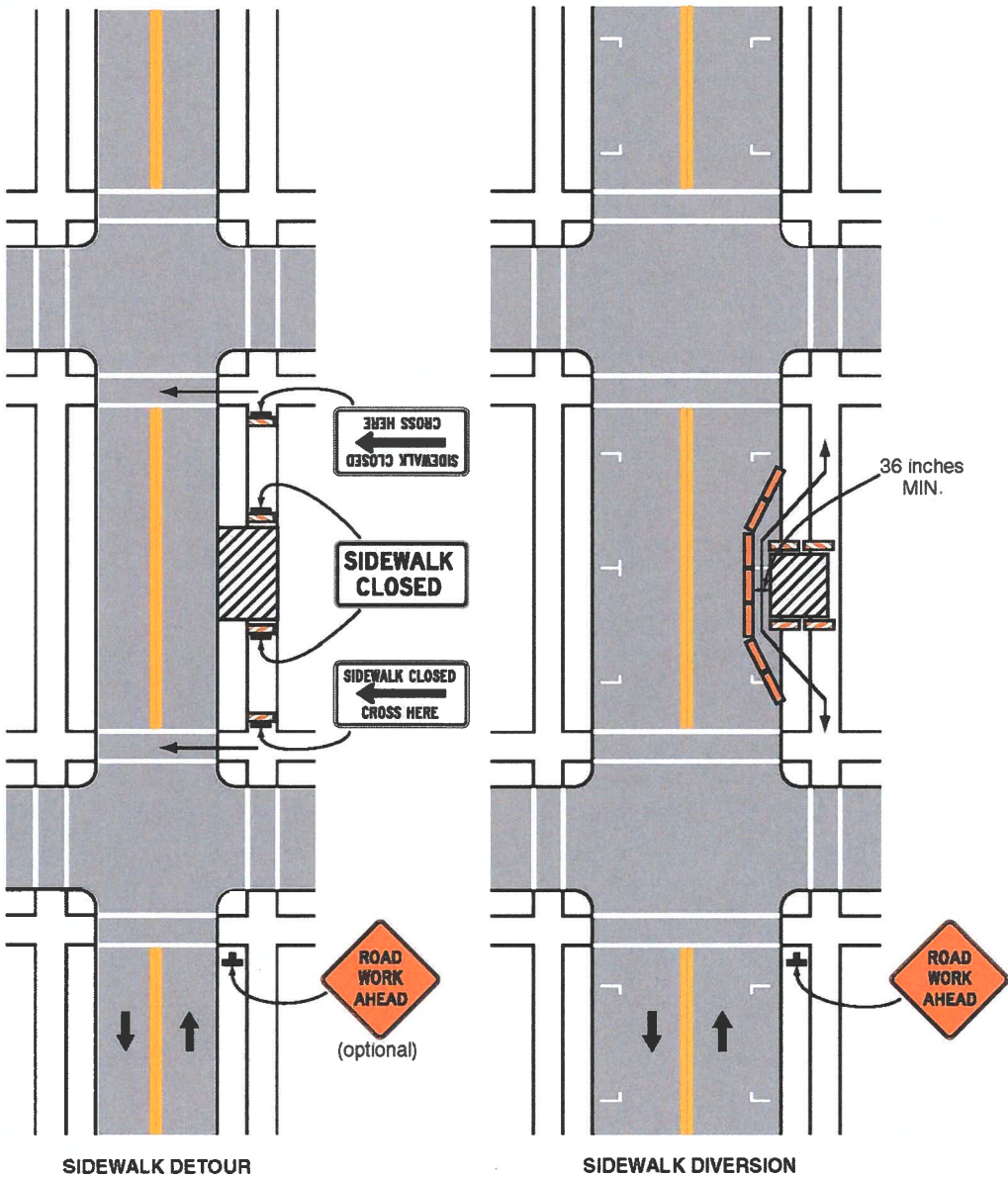
Guidance:

- 2. Where high speeds are anticipated, a temporary traffic barrier and, if necessary, a crash cushion should be used to separate the temporary sidewalks from vehicular traffic.
- 3. Audible information devices should be considered where midblock closings and changed crosswalk areas cause inadequate communication to be provided to pedestrians who have visual disabilities.

Option:

- 4. Street lighting may be considered.
- 5. Only the TTC devices related to pedestrians are shown. Other devices, such as lane closure signing or ROAD NARROWS signs, may be used to control vehicular traffic.
- 6. For nighttime closures, Type A Flashing warning lights may be used on barricades that support signs and close sidewalks.
- 7. Type C Steady-Burn or Type D 360-degree Steady-Burn warning lights may be used on channelizing devices separating the temporary sidewalks from vehicular traffic flow.
- 8. Signs, such as KEEP RIGHT (LEFT), may be placed along a temporary sidewalk to guide or direct pedestrians.

Figure 6H-28. Sidewalk Detour or Diversion (TA-28)



Typical Application 28

Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

PROJECT:

PROJECT ID NUMBER:

1906CRZP ROW NRGV 0183

PERMITTING ENTITY:

CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:

NORTH RIDGEVILLE, OH

ACCESS TRANSMISSION SERVICES, CORP

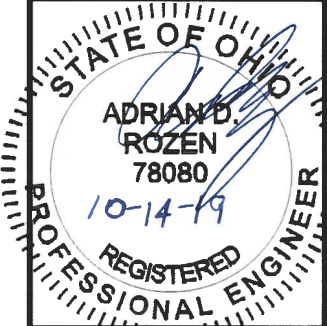
Mastec

OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA024 NRGV UG CONST PHASE III
UNDERGROUND CONDUIT INSTALLATION

FORESITE group

ForeSite Group, LLC
3000 E Cesar Chavez St.
Suite 400
Austin, TX 78702
www.fg-inc.net
334.887.6064
334.887.6024



ENGINEER: AB

DRAWN BY: SD

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: F-02

TRAFFIC CONTROL PLAN - TYPICAL DETAILS

Table 6H-2. Meaning of Symbols on Typical Application Diagrams

	Arrow board		Shadow vehicle
	Arrow board support or trailer (shown facing down)		Sign (shown facing left)
	Changeable message sign or support trailer		Surveyor
	Channelizing device		Temporary barrier
	Crash cushion		Temporary barrier with warning light
	Direction of temporary traffic detour		Traffic or pedestrian signal
	Direction of traffic		Truck-mounted attenuator
	Flagger		Type 3 barricade
	High-level warning device (Flag tree)		Warning light
	Longitudinal channelizing device		Work space
	Luminaire		Work vehicle
	Pavement markings that should be removed for a long-term project		

Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	100 feet	100 feet	100 feet
Urban (high speed)*	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

* Speed category to be determined by highway agency

** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

Table 6H-4. Formulas for Determining Taper Length

Speed (S)	Taper Length (L) in feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

Where: L = taper length in feet
W = width of offset in feet
S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

PROJECT:

PROJECT ID NUMBER:

1906CRZP ROW NRGV 0183

PERMITTING ENTITY:

CITY OF NORTH RIDGEVILLE

PROJECT LOCATION:

NORTH RIDGEVILLE, OH

MCI metro

ACCESS TRANSMISSION SERVICES, CORP

Mastec

OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA024 NRGV UG CONST PHASE III

UNDERGROUND CONDUIT INSTALLATION

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STATE OF OHIO

ADRIAN D. ROZEN

78080

10-14-19

REGISTERED PROFESSIONAL ENGINEER

ENGINEER: AB

DRAWN BY: SD

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DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: F-03

MCImetro
ACCESS TRANSMISSION SERVICES CORP



OUTSIDE PLANT CONSTRUCTION

ENGINEERING SERVICES

WESTLAKE_FDA025 NRGV UG CONST PHASE

NORTH RIDGEVILLE, OH

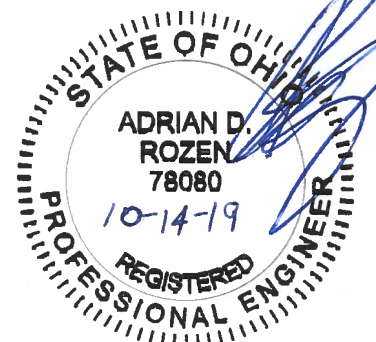
UNDERGROUND CONDUIT INSTALLATION

RIGHT-OF-WAY CONSTRUCTION PERMIT

MCI PERMIT NUMBER: 1906CRZO_ROW_NRGV_0184
SITE CODE: 1906CRZO



PROJECT STATUS: PERMITTING
STATUS DATE: 10/14/2019



SHEET INDEX

GENERAL PROJECT INFORMATION (A-SERIES)

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SHEET INDEX	A-01
PROJECT OVERVIEW	A-02
SYMBOL KEY	A-03

CONTACT INFORMATION (B-SERIES)

CONTACT INFORMATION SHEET	B-01
---------------------------	------

CONSTRUCTION PLANS (C-SERIES)

SITE PLAN SHEETS	C-01
------------------	------

STANDARD NOTES & DETAILS (D-SERIES)

GENERAL NOTES	D-01 - D-02
CONSTRUCTION DETAIL DRAWINGS	D-03

SPECIFIC NOTES & DETAILS (E-SERIES)

INSTALLATION IMAGES	E-01
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ADDITIONAL INFORMATION (F-SERIES)

TRAFFIC CONTROL TYPICALS	F-01 - F-02
--------------------------	-------------

PROJECT:		
PROJECT ID NUMBER:		
1906CRZO ROW NRGV 0184		
PERMITTING ENTITY:		
NORTH RIDGEVILLE		
PROJECT LOCATION:		
NORTH RIDGEVILLE, OH		
McImetro ACCESS TRANSMISSION SERVICES, CORP Mastec OUTSIDE PLANT CONSTRUCTION WESTLAKE_FDA025 NRGV UG CONST PHASE UNDERGROUND CONDUIT INSTALLATION		
FORESITE group Foresite Group, LLC 3000 E Cesar Chavez St Suite 400 Austin, TX 78702 www.fg-inc.net o 334.887.6084 f 334.887.6024		
STATE OF OHIO ADRIAN D. ROZEN 78080 10-14-19 REGISTERED PROFESSIONAL ENGINEER		
ENGINEER: AB		
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REVISIONS		
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SCALE		
HORIZONTAL: N/A		
VERTICAL: N/A		
SHEET: A-01		

PROJECT OVERVIEW



PROJECT SCOPE

ADDRESS RANGE TABLE

PRIMARY STREET	ADDRESSES	CROSS STREET(S)
MILLS IND PKWY	4915	NONE

PROJECT QUANTITIES

INSTALL	QNTY
2"D CONDUIT (DIRECT. BORE)	0 LF
2"D CONDUIT (MISSILE BORE)	0 LF
2"D CONDUIT (TRENCH)	12 LF
17"X30"X24" VAULT(S)	0
24"X36"X24" VAULT(S)	0
30"X48"X24" VAULT(S)	0
30"X60"X30" VAULT(S)	0
48"X48"X48" MANHOLE(S)	0

PROJECT:

PROJECT ID NUMBER:
1906CRZO ROW NRGV 0184

PERMITTING ENTITY:
NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP

Mastec
OUTSIDE PLANT CONSTRUCTION
WESTLAKE_FDA025 NRGV UG CONST PHASE
UNDERGROUND CONDUIT INSTALLATION

FORESITE
group

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Austin, TX 78702
w | www.fg-inc.net
e | 334.887.6064
f | 334.887.6024

STATE OF OHIO
ADRIAN D. ROZEN
78080
10-14-19
REGISTERED
PROFESSIONAL ENGINEER

ENGINEER: AB

DRAWN BY: SD

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: A-02

SYMBOL KEY

MCI PROPOSED CONSTRUCTION

	DIRECTIONAL BORE/MISSILE BORE
	OPEN TRENCH
	17"X30"X24" VAULT
	24"X36"X24" VAULT
	30"X48"X24" VAULT
	30"X60"X30" VAULT
	BORE PIT
	48"X48"X48" MANHOLE
	SPLICE ENCLOSURE

MCI EXISTING/FUTURE CONSTRUCTION

	EXISTING MCI METRO CONDUIT
	EXISTING MCI METRO VAULT
	FUTURE MCI METRO CONDUIT
	FUTURE 17"X30"X24" VAULT
	FUTURE 24"X36"X24" VAULT
	FUTURE 30"X48"X24" VAULT
	FUTURE 30"X60"X30" VAULT

OTHER UTILITIES

	WATER LINE
	FIRE HYDRANT
	WATER VALVE
	WATER METER
	STORMWATER LINE
	STORMWATER ACCESS
	STORMWATER CATCH BASIN
	WASTEWATER LINE
	WASTEWATER MANHOLE
	OVERHEAD POWER LINE
	UNDERGROUND POWER LINE
	POWER TRANSFORMER
	POWER MANHOLE
	POWER JUNCTION BOX
	POWER CABINET
	POWER VAULT
	POLE
	STREET LIGHT
	TRAFFIC LIGHT

OTHER UTILITIES

	GAS LINE
	GAS METER
	GAS VALVE
	TELECOM LINE
	TELECOM MANHOLE
	TELECOM CABINET
	TELECOM VAULT
	UNKNOWN MANHOLE
	UNKNOWN VAULT

PLANIMETRICS

	SIDEWALK
	EDGE OF PAVEMENT
	BACK OF CURB
	RIGHT OF WAY
	STREET CENTERLINE
	TREE

PROJECT:

PROJECT ID NUMBER:
1906CRZO ROW NRGV 0184

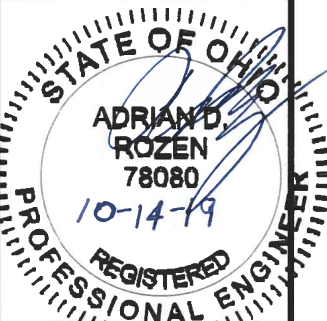
PERMITTING ENTITY:
NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

MCI metro
ACCESS TRANSMISSION SERVICES, CORP
Mastec
OUTSIDE PLANT CONSTRUCTION
WESTLAKE, FDA025 NRGV UG CONST PHASE
UNDERGROUND CONDUIT INSTALLATION

FORESITE
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3000 E Cesar Chavez St.
Suite 400
Austin, TX 78702
www.fg-inc.net
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f | 334.887.6024



ENGINEER: AS

DRAWN BY: SD

REVISIONS

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: A-03

CONTACT INFORMATION

MCI METRO INC.

OUTSIDE PLANT ENGINEERING:

SENIOR PROJECT ENGINEER: PATRICK WEAVER	(412)290-6995
PROJECT ENGINEER: JEFF KADUSKY	(330)819-1444
PROJECT MANAGER: DAVID GROSS	(216)462-2281

RIGHT-OF-WAY:

MANAGER: AARON CORNISH	(972)457-8360
---------------------------	---------------

ENGINEERING CONTRACTOR:

NAME OF FIRM: FORESITE GROUP	
PROJECT MANAGER: JAMES POHLOD	(310)351-1030
PROJECT ENGINEER: ARNALDO BLANCO ADRIAN ROZEN	(787)349-2960 (813)549-3250

CONSTRUCTION CONTRACTOR:

NAME OF FIRM: MASTEC	
PROJECT MANAGER: DAN KUCHES	(984)218-3122
PROJECT SUPERVISOR: BRIAN ANDERSON	(216)212-2498

UTILITIES

MCI UTILITY LOCATE	1-(800)624-9675
ONE CALL SYSTEM (UTILITY LOCATES)	
AT&T OHIO: JOHN GARRITY	(262)896-6552
BRAINARD GAS CORPORATION: TBD	(440)437-8600
CENTURYTEL/CENTURYLINK: TBD	TBD
CLEVELAND ELECTRIC ILLUMINATING: REBECCA	(440)546-8744
PEPPERS CLEVELAND PUBLIC POWER: CHRIS HIRZEL	(216)420-7704.122
CLEVELAND-CUYAHOGA COUNTY PORT AUTHORITY:	(216)241-8004
TBD COLUMBIA GAS OF OHIO, INC.: TBD	TBD
CONSUMERS GAS CORPORATIVE: DAN BURKHART	(330)682-4144
DOMINION EAST OHIO: TBD	TBD
FIBER TECHNOLOGIES NETWORKS LLC: NICOLE	(585)697-5130
WALKER FRONTIER/NORTH: TAMMY ALBRIGHT	TBD
GRANGER ENERGY OF LAKE COUNTY: TBD	(517)372-2800
KNOX ENERGY COOPERATIVE ASSOCIATION, INC: TBD	(330)498-9130
NORTHEAST OHIO NATURAL GAS CORPORATION: TBD	1-(800)237-2099
OHIO EDISON: AMANDA RICHARDSON	1-(800)633-4766
OHIO RURAL NATURAL GAS COOPERATIVE: TBD	(440)255-5198
ORWELL NATURAL GAS COMPANY: TBD	TBD
PAINESVILLE ELECTRIC: J. MCHUGH	(440)392-5926
SUMMIT COUNTY PORT AUTHORITY: LORI SALLAZ	(330)762-4776
SUNESYS-NOW CROWN CASTLE FIBER: TBD	TBD
WINDSTREAMOHIO: TBD	TBD
WINDSTREAMWESTERNRESERVE: TBD	TBD

PROJECT:

PROJECT ID NUMBER:
1906CRZO ROW NRGV 0184

PERMITTING ENTITY:
NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

MCI metro
ACCESS TRANSMISSION SERVICES, CORP

Mastec
OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA025 NRGV UG CONST PHASE
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STATE OF OHIO
ADRIAN D. ROZEN
78080
10-14-19
REGISTERED
PROFESSIONAL ENGINEER

ENGINEER: AR

DRAWN BY: SD

REVISIONS

DATE	DESCRIPTION	INITIAL

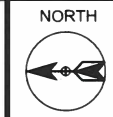
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SCALE

HORIZONTAL: N/A

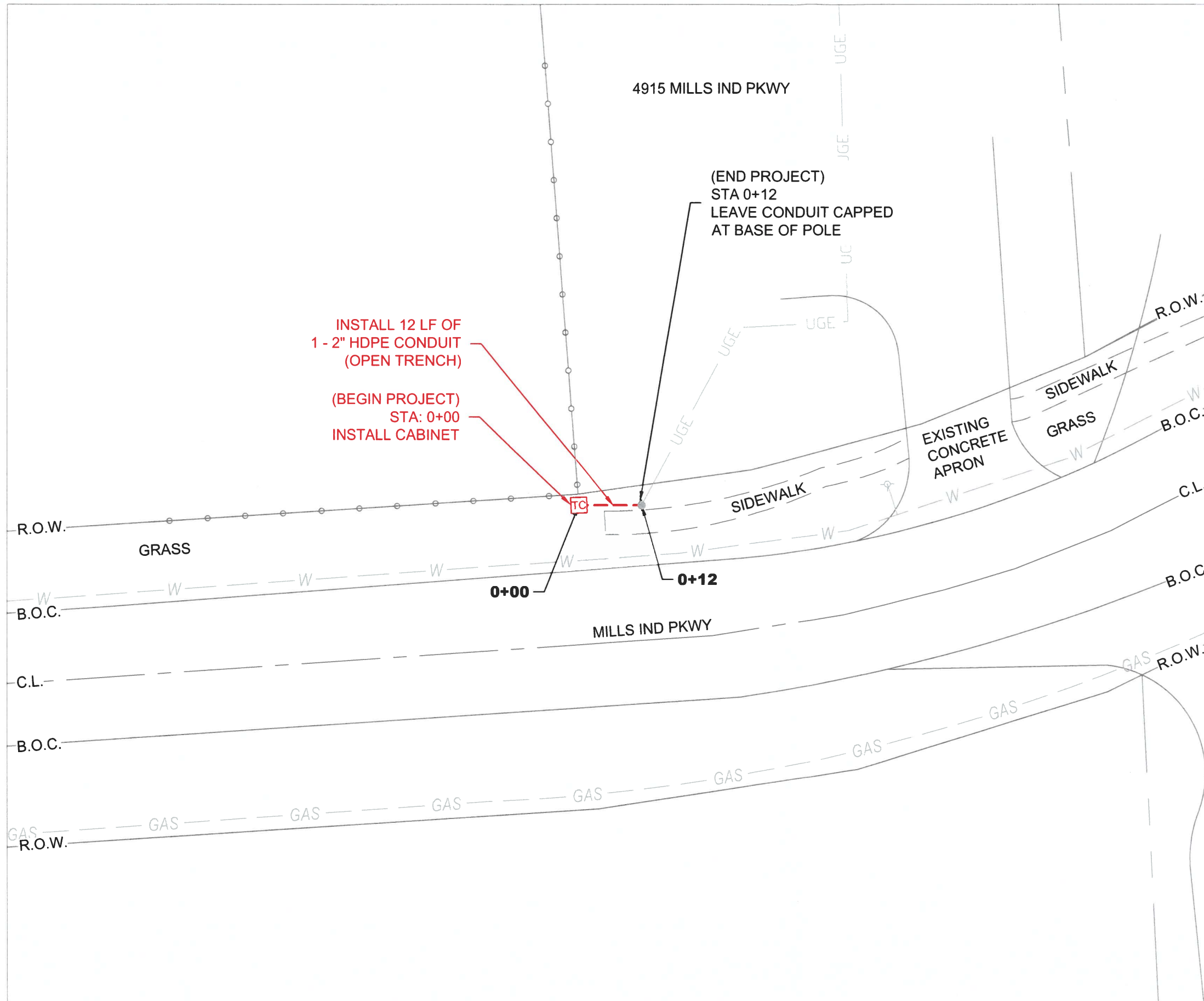
VERTICAL: N/A

SHEET: B-01



LEGEND:

- BORE/MISSILE BORE
- OPEN TRENCH
- SIDEWALK
- E.O.P. ——— EDGE OF PAVEMENT
- B.O.C. ——— BACK OF CURB
- R.O.W. ——— RIGHT OF WAY
- C.L. ——— STREET CENTERLINE
- POTHOLE LOCATION



INSTALL 12 LF OF
1 - 2" HDPE CONDUIT
(OPEN TRENCH)

(BEGIN PROJECT)
STA: 0+00
INSTALL CABINET

(END PROJECT)
STA 0+12
LEAVE CONDUIT CAPPED
AT BASE OF POLE

NOTE TO CONTRACTOR:
ANY BOREPITS DUG NEXT TO DRIPLINE OF AN EXISTING TREE
TO BE DUG USING HYDRO VACUUM EXCAVATION.

CAUTION!!
ANY DISTURBANCE TO INFRASTRUCTURE WITHIN 15 FEET OF
ADA RAMP WILL REQUIRE ENTIRE RAMP TO BE REPAIRED IN
ACCORDANCE WITH ALL REQUIRED ADA STANDARDS AND
SPECIFICATIONS.

CONTRACTOR TO PLACE UTILITY WITH A MINIMUM OF 36
INCHES OF COVER WHEN UNOBSTRUCTED. CONTRACTOR TO
MAINTAIN 24 INCHES OF SEPARATION FROM OTHER UTILITIES.
DEPTH TO BE ADJUSTED ACCORDINGLY.

UTILITY LOCATIONS SHOWN ON THIS PLAN ARE BASED ON
DOCUMENT RESEARCH AND FIELD EVALUATION. THE
INFORMATION MAY NOT BE ACCURATE OR COMPLETE. IT IS
THE CONTRACTOR'S RESPONSIBILITY TO PHYSICALLY
LOCATE AND VERIFY LOCATION AND DEPTH OF ALL UTILITIES
WITHIN CONSTRUCTION PATH.
ALL INSTALLATIONS MUST COMPLY WITH MINIMUM
HORIZONTAL AND VERTICAL CLEARANCES FROM UTILITIES.

PROJECT:

PROJECT ID NUMBER:
1906CRZO ROW NRGV 0184

PERMITTING ENTITY:
NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP

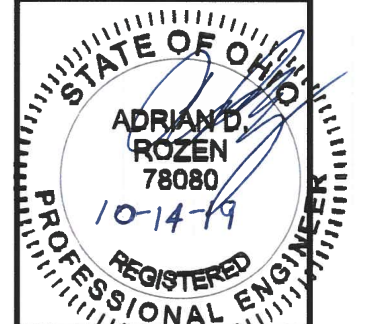
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FORESITE
group

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3000 E Cesar Chavez St.
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ENGINEER: AS

DRAWN BY: SD

REVISIONS

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PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE

HORIZONTAL: 1" = 20'

VERTICAL: N/A

SHEET: C-01

MCI METRO GENERAL NOTES AND REQUIREMENTS

GENERAL NOTES

1. MCI COMPRISES THE FOLLOWING OPERATING ENTITIES:
 - MCI COMMUNICATIONS SERVICES, INC.
 - MCI METRO ACCESS TRANSMISSION SERVICES, LLC
 - MCI METRO ACCESS TRANSMISSION SERVICES OF VIRGINIA, INC.
 - MCI METRO ACCESS TRANSMISSION SERVICES OF MASSACHUSETTS, INC.
 - METROPOLITAN FIBER SYSTEMS OF NEW YORK, INC.
2. ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS OF ANY REGULATING GOVERNMENTAL AGENCY, MCI METRO, 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 ARE 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 SITE PLAN. ANY AND ALL OTHERS ENCOUNTERED ARE ALSO THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, PROTECT, AND REPAIR, IF DAMAGED.
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 CONDITIONS.
7. EQUIPMENT TYPES SPECIFIED HEREIN (ie: "BACKHOE" "SWAMP PLOW", ETC.) ARE SUGGESTIONS ONLY AND ARE NOT INTENDED AS REQUIREMENTS. CONTRACTOR WILL BE NOTIFIED AS TO EXCEPTIONS.

MCI OSP CONSTRUCTION GENERAL REQUIREMENTS

- ALL FEDERAL, STATE AND LOCAL SAFETY REGULATIONS MUST BE FOLLOWED WITHOUT EXCEPTION.
- PERSONAL PROTECTIVE EQUIPMENT APPROPRIATE FOR THE SPECIFIC WORK SITE SHALL BE USED AT ALL TIMES. AT A MINIMUM, HARD HAT, SAFETY SHOES/STEEL-TOED BOOTS, AND FLORESCENT ORANGE OR GREEN WORK VEST ARE REQUIRED UPON ENTERING ANY MCI WORK SITE.
- USE OF INTOXICANTS, DRUGS, INHALANTS OR ANY OTHER SUBSTANCES THAT MAY IMPAIR ALERTNESS ARE STRICTLY PROHIBITED.
- CONTRACTORS ARE NOT ALLOWED TO CUT ANY CABLE. CABLES SCHEDULED FOR REMOVAL WILL BE CUT BY MCI OPERATIONS PERSONNEL, AND ONLY AFTER VERIFICATION THAT ALL TRAFFIC HAS BEEN OFF-LOADED.
- EXTREME CAUTION MUST BE USED AT ALL TIMES WHEN WORKING ON OR NEAR ACTIVE CABLES. AN MCI EMPLOYEE OR CONTRACT REPRESENTATIVE MUST APPROVE AND BE PRESENT PRIOR TO AND DURING ALL CABLE HANDLING ACTIVITIES.
- TOOLS AND EQUIPMENT SPECIFICALLY DESIGNED FOR THE JOB AT HAND ARE REQUIRED. USE THE PROPER TOOL FOR THE JOB.
- CONDUIT WORK INVOLVING ACTIVE CABLES REQUIRES SPECIALIZED TOOLS SPECIFICALLY DESIGNED TO ACCESS DUCTS WITH ACTIVE CABLES.
- PROTECTING MCI FACILITIES IS EXTREMELY IMPORTANT; HOWEVER, SAFETY REGARDING YOURSELF AND OTHERS IS THE MOST IMPORTANT PART OF ANY PROJECT.

PROJECT:

PROJECT ID NUMBER:

1906CRZO ROW NRGV 0184

PERMITTING ENTITY:

NORTH RIDGEVILLE

PROJECT LOCATION:

NORTH RIDGEVILLE, OH

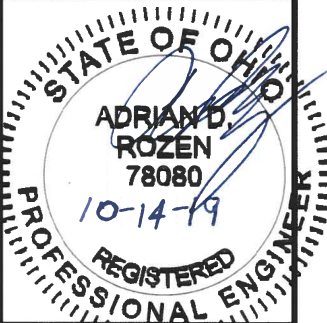
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UNDERGROUND CONDUIT INSTALLATION

FORESITE
group

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334.887.6024



ENGINEER: AD

DRAWN BY: SD

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: D-01

MCI METRO GENERAL NOTES AND REQUIREMENTS

CONSTRUCTION NOTES

- ALL CONDUIT WILL BE 4" ID SCHEDULE 40 (i.e. PVC OR BSP/GSP, MANUFACTURED SPLIT PVC OR SPLIT BSP/GSP), UNLESS SPECIFIED OTHERWISE.
- CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. SEE CONTACT SHEET FOR CONTACT NAME AND TELEPHONE NUMBER.
- ALL UNDERGROUND OBSTRUCTIONS, WHEN LOCATED, WILL REQUIRE THE PLACEMENT OF A BURIED CABLE MARKER AND THE PLACEMENT OF 4" MANUFACTURED SPLIT PVC, BSP/GSP OVER OR UNDER EACH OBSTRUCTION.
- SHORING MAY BE REQUIRED AND SHALL COMPLY WITH O.S.H.A. STANDARDS.
- ALL BURIED CONDUIT/CABLE WILL BE PLACED AT 42" MINIMUM COVER UNLESS SPECIFIED OTHERWISE ON THE CONSTRUCTION DRAWINGS.
- MECHANICAL PROTECTION SHALL BE REQUIRED ANYTIME A 36" MINIMUM COVER IS UNOBTAINABLE UNLESS SPECIFIED OTHERWISE ON THE CONSTRUCTION DRAWINGS.
- ALL 90 DEGREE BENDS IN CONDUIT CONSTRUCTION WILL BE A MINIMUM 38.2" RADIUS UNLESS SPECIFIED OTHERWISE. ALL SPLIT CONDUIT BENDS AND SOLID PVC BENDS SHALL REQUIRE CONCRETE ENCASEMENT, UNLESS SPECIFIED OTHERWISE.
- OPERATIONS PERSONNEL TO BE CONTACTED BY THE CONTRACTOR 48 HOURS PRIOR TO CONSTRUCTION. SEE CONTACT SHEET FOR CONTACT NAME AND TELEPHONE NUMBER.
- ALL STATIONING IS BASED ON AS-BUILT INFORMATION, THEREFORE SOME VARIANCE SHOULD BE ANTICIPATED. ADJUST AS NEEDED.
- RAILROAD COMMUNICATION AND SIGNAL CABLES TO BE LOCATED PRIOR TO THE CONSTRUCTION ACTIVITY. RAILROAD TO BE GIVEN 48 HOURS NOTICE PRIOR TO CONSTRUCTION.
- ALL BURIED CABLE MARKER POSTS AND HARDWARE PLACED AND/OR REMOVED ON ALL NEW AND EXISTING ROUTES SHALL BE IMPLEMENTED AS FOLLOWS.
 - ON THOSE ROUTES THAT ARE CONSIDERED TO BE IN A NORTH TO SOUTH GEOGRAPHICAL ORIENTATION, THE SOUTHERN-MOST SIGN AND POST SHOULD BE REMOVED. FOR NEW ROUTES BEING CONSTRUCTED, ONE SIGN POST WILL BE PLACED AT THE NORTH END OF EACH HANDHOLE.
 - ON THOSE ROUTES THAT ARE CONSIDERED TO BE IN AN EAST TO WEST GEOGRAPHICAL ORIENTATION, THE WESTERN-MOST SIGN AND POST SHOULD BE REMOVED. FOR NEW ROUTES BEING CONSTRUCTED, ONE SIGN POST WILL BE PLACED AT THE EAST END OF THE EACH HANDHOLE.

FIBER OPTIC CABLE UNCOVERING SYSTEM

- THE TITLE OF THIS PROGRAM, F.O.C.U.S., AN ACRONYM FOR "FIBER OPTIC CABLE UNCOVERING SYSTEM," WAS SELECTED TO REMIND EVERYONE INVOLVED WITH WORKING NEAR MCI'S ACTIVE FIBER OPTIC SYSTEMS TO FOCUS ON PROTECTING THE FACILITIES. IF, DURING THE COURSE OF THE PROJECT, YOU NOTICE ANY ACTIVITY WHICH MAY JEOPARDIZE THE MCI OSP FACILITIES, IT IS YOUR DUTY TO STOP THE WORK AND RE-F.O.C.U.S.
- F.O.C.U.S. RULES MUST BE FOLLOWED ON ALL MCI PROJECTS INVOLVING WORK ON OR NEAR MCI OSP FACILITIES. SAFETY IS MCI'S NUMBER ONE PRIORITY; EVERYONE MUST REFRAIN FROM UNSAFE AND IMPROPER PRACTICES.
- REVIEW OF F.O.C.U.S. IS MANDATORY AT EVERY PRE-BID, PRE-CONSRUCTION SITE MEETING AND DAILY TAILGATE MEETING. F.O.C.U.S. DISCUSSION MUST INCLUDE SITE-SPECIFIC HISTORY, UNIQUE PROBLEMS, FACILITY CONFIGURATIONS THAT MAY BE ENCOUNTERED, AND PAST ERRORS. "THOSE WHO DO NOT LEARN FROM HISTORY ARE DOOMED TO REPEAT IT." DO NOT LET THIS HAPPEN TO YOU.
- ANY WORK NEAR OR REQUIRING HANDLING OF MCI OUTSIDE PLANT FACILITIES CAN ONLY BE PERFORMED WITH AN MCI EMPLOYEE OR CONTRACT REPRESENTATIVE PRESENT – THIS MEANS OUT OF HIS OR HER VEHICLE AND DIRECTLY MONITORING THE SYSTEM. THE REPRESENTATIVE MUST HAVE A PROPERLY OPERATING CABLE LOCATOR CHECKED FOR ACCURACY EVERY DAY PRIOR TO COMMENCEMENT OF WORK (COMPARISON OF LINE AND DEPTH READINGS TO ACTUAL LINE AND DEPTH OF THE CABLE).
- LOCATE AND POT HOLE REQUIREMENTS:
 - PRIOR TO ANY EXCAVATION, THE MCI EMPLOYEE OR CONTRACT REPRESENTATIVE MUST VERIFY THE INITIAL LOCATE MARKS COMPLETED BY MCI OPERATIONS. DO NOT TRUST LOCATE RESULTS COMPLETED BY OTHERS! THE MCI OR CONTRACT REPRESENTATIVE MUST LOCATE THE CABLE RUNNING LINE BY MAKING AT LEAST ONE PASS IN EACH DIRECTION. LOCATE RESULTS MUST THEN BE COMPARED WITH PREVIOUS MARKS AND THE AS-BUILTS.
 - IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 3 FEET OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POT HOLE (ALL POTHOLES MUST BE COMPLETED BY HAND DIGGING OR VACUUM EXCAVATION) A MINIMUM OF EVERY 15 FT., THEN EXPOSE THE ENTIRE LENGTH OF THE CABLE BY HAND DIGGING OR VACUUM EXCAVATION.
 - IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 5 FEET (BUT NOT CLOSER THAN 3 FEET) OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POT HOLE THE CABLE A MINIMUM OF EVERY 15 FT.
 - IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 15 FEET (BUT NOT CLOSER THAN 5 FEET) OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POT HOLE THE CABLE A MINIMUM OF EVERY 30 FT.
 - THE CABLE WILL ALSO BE POT HOLED AT ANY CHANGE IN THE RUNNING LINE OF MORE THAN 1 FT. IN ANY DIRECTION, ANYTIME THE ACCURACY OF THE ELECTRONIC LOCATE IS QUESTIONED, OR THE MARKED RUNNING LINE DOES NOT MATCH THE AS-BUILTS.
- EXPOSING REQUIREMENTS:
 - NO MECHANICAL EXCAVATION WITHIN 3 FT. OF OSP FACILITIES WILL BE ALLOWED UNLESS THE FACILITIES HAVE FIRST BEEN PROPERLY LOCATED, POT HOLED, POSITIVELY IDENTIFIED, CONTINUOUSLY EXPOSED BY HAND DIGGING OR VACUUM EXCAVATION, AND THE FACILITES ARE CLEARLY VISIBLE.
 - IN ADDITION, MECHANICAL EXCAVATION WITHIN 3 FT. OF OSP FACILITIES REQUIRES ON-SITE PRIOR APPROVAL FROM MCI'S EMPLOYEE OR CONTRACT REPRESENTATIVE.
- PLEASE REFER TO THE LATEST EDITION OF THE MCI OSP HANDBOOK FOR ADDITIONAL DETAILS. KNOW IT AND FOLLOW IT.

PROJECT:

PROJECT ID NUMBER:

1906CRZO ROW NRGV 0184

PERMITTING ENTITY:

NORTH RIDGEVILLE

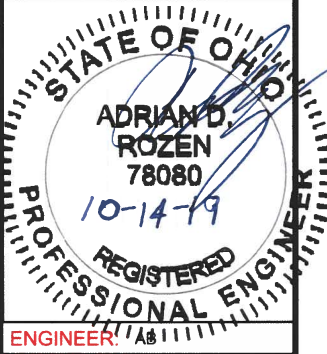
PROJECT LOCATION:

NORTH RIDGEVILLE, OH

MCI metro
ACCESS TRANSMISSION SERVICES, CORP
Mastec
OUTSIDE PLANT CONSTRUCTION
WESTLAKE_FDA025 NRGV UG CONST PHASE
UNDERGROUND CONDUIT INSTALLATION

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Austin, TX 78702
www.fg-inc.net
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1 334.887.6024



ENGINEER: AR

DRAWN BY: SD

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: N/A

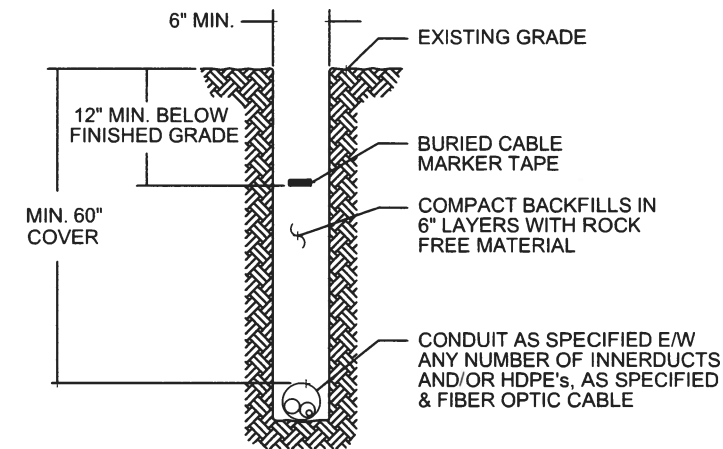
VERTICAL: N/A

SHEET: D-02

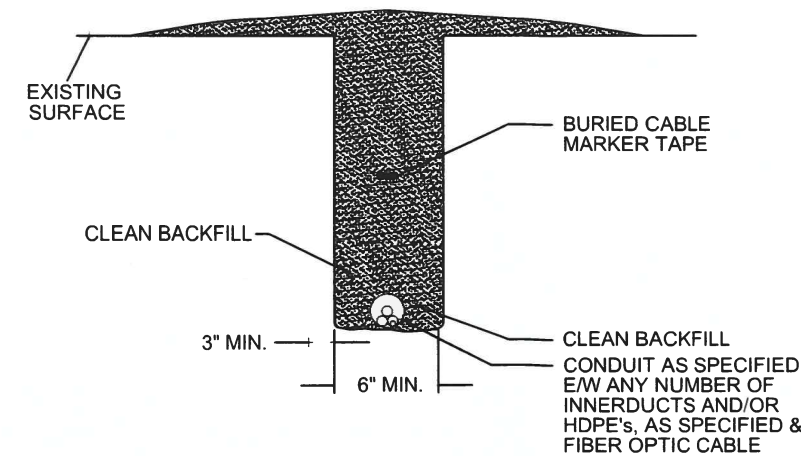
MCI CONSTRUCTION DETAILS/TYPICALS

TYPICAL OPEN TRENCH DETAIL

TYPICAL DETAIL A
TRENCH & PLACE CONDUIT



TYPICAL DETAIL B
REMOVE AND RESTORE NATURAL SURFACE
FOR CONDUIT



PROJECT:

PROJECT ID NUMBER:
1906CRZO ROW NRGV 0184

PERMITTING ENTITY:
NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

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ACCESS TRANSMISSION SERVICES, CORP

Mastec
OUTSIDE PLANT CONSTRUCTION
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STATE OF OHIO
ADRIAN D. ROZEN
78080
10-14-19
REGISTERED
PROFESSIONAL ENGINEER

ENGINEER: AS

DRAWN BY: SD

REVISIONS		
DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: D-03

INSTALLATION IMAGES



(BEGIN PROJECT)
STA: 0+00
INSTALL (1) SURFACE
CABINET

(END PROJECT)
STA: 0+12
LEAVE CONDUIT CAPPED
AT BASE OF POLE

(BEGIN PROJECT) AT STATION 0+00
(END PROJECT) AT STATION 0+12

PROJECT:

PROJECT ID NUMBER
1906CRZO ROW NRGV 0184

PERMITTING ENTITY
NORTH RIDGEVILLE

PROJECT LOCATION
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP

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ENGINEER

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DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

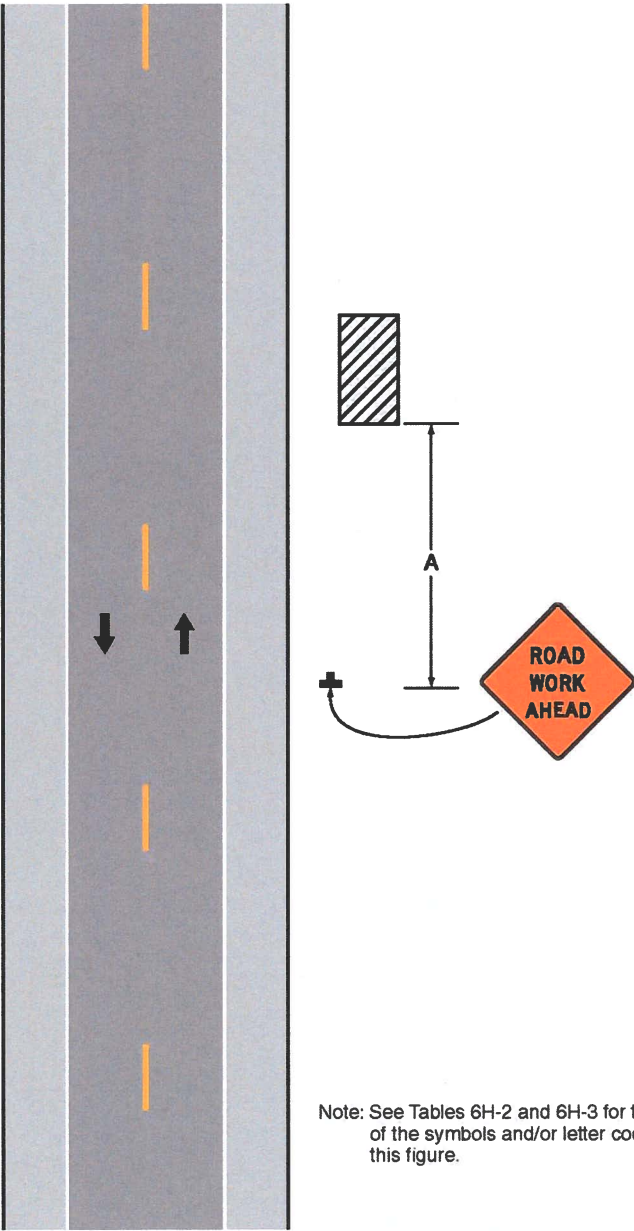
SHEET: E-01

TRAFFIC CONTROL PLAN - TYPICAL DETAILS

Notes for Figure 6H-1—Typical Application 1
Work Beyond the Shoulder

- Guidance:
- 1. If the work space is in the median of a divided highway, an advance warning sign should also be placed on the left side of the directional roadway.
- Option:
- 2. The ROAD WORK AHEAD sign may be replaced with other appropriate signs such as the SHOULDER WORK sign. The SHOULDER WORK sign may be used for work adjacent to the shoulder.
 - 3. The ROAD WORK AHEAD sign may be omitted where the work space is behind a barrier, more than 24 inches behind the curb, or 15 feet or more from the edge of any roadway.
 - 4. For short-term, short duration or mobile operation, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
 - 5. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.
- Standard:
- 6. Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.

Figure 6H-1. Work Beyond the Shoulder (TA-1)



Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Typical Application 1

PROJECT:

PROJECT ID NUMBER:
1906CRZO ROW NRGV 0184

PERMITTING ENTITY:
NORTH RIDGEVILLE

PROJECT LOCATION:
NORTH RIDGEVILLE, OH

McImetro
ACCESS TRANSMISSION SERVICES, CORP

Mastec

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WESTLAKE_FDA025 NRGV UG CONST PHASE
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ENGINEER

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: F-01

TRAFFIC CONTROL PLAN - TYPICAL DETAILS

Table 6H-2. Meaning of Symbols on Typical Application Diagrams

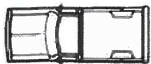
	Arrow board		Shadow vehicle
	Arrow board support or trailer (shown facing down)		Sign (shown facing left)
	Changeable message sign or support trailer		Surveyor
	Channelizing device		Temporary barrier
	Crash cushion		Temporary barrier with warning light
	Direction of temporary traffic detour		Traffic or pedestrian signal
	Direction of traffic		Truck-mounted attenuator
	Flagger		Type 3 barricade
	High-level warning device (Flag tree)		Warning light
	Longitudinal channelizing device		Work space
	Luminaire		Work vehicle
	Pavement markings that should be removed for a long-term project		

Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	100 feet	100 feet	100 feet
Urban (high speed)*	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

* Speed category to be determined by highway agency

** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

Table 6H-4. Formulas for Determining Taper Length

Speed (S)	Taper Length (L) in feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

Where: L = taper length in feet
W = width of offset in feet
S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

PROJECT:

PROJECT ID NUMBER:

1906CRZO ROW NRGV 0184

PERMITTING ENTITY:

NORTH RIDGEVILLE

PROJECT LOCATION:

NORTH RIDGEVILLE, OH

McImetro

ACCESS TRANSMISSION SERVICES, CORP

Mastec

OUTSIDE PLANT CONSTRUCTION

WESTLAKE_FDA025 NRGV UG CONST PHASE

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STATE OF OHIO

ADRIAN D. ROZEN

78080

10-14-19

REGISTERED PROFESSIONAL ENGINEER

ENGINEER

DRAWN BY: SD

REVISIONS

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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET: F-02

Engineering Fee Paid: \$ _____
See attached for description of fees

Planning Commission & Bldg. Admin. Fees: \$ _____
Receipt No. _____

See attached for description of fees



**CITY OF NORTH RIDGEVILLE PLANNING COMMISSION
REQUEST FOR ACTION**

Received: Council Referral 10/07/2019 Date released to Planning Commission: 10/08/2019

Date of Planning Commission meeting: 11/12/2019 (unless otherwise notified)

APPLICANT INFORMATION AND REQUEST:

APPLICANT:	<u>RICHARD STICKLAND</u>	PROPERTY OWNER:	<u>UYA HOLDINGS, LLC</u>
COMPANY NAME:	<u>UYA HOLDINGS, LLC</u>	ADDRESS:	<u>118 MILL ST</u>
ADDRESS:	<u>118 MILL ST</u>	CITY/STATE:	<u>MEDINA OH</u> ZIP <u>44256</u>
CITY / STATE:	<u>MEDINA OH</u> ZIP <u>44256</u>	PHONE NO:	<u>(330) 350-2131</u>
PHONE NO.:	<u>330-350-2131</u>	SIGNATURE:	<u>[Signature]</u>
SIGNATURE:	<u>[Signature]</u>	(Owner's original signature must be submitted with application.)	
EMAIL ADDRESS:	<u>RICK@SOUTHOFTHESQUARE.COM</u>		

Please provide an email address, fax number or mailing address to send Administrative comments in advance of the Planning meeting.

LOCATION OF PROPERTY/ADDRESS: <u>7385 RACE RD, NORTH RIDGEVILLE, OH 44256</u>	
PERMANENT PARCEL NO.: <u>0700034000137</u>	ZONING OF PROPERTY: _____
ZONING OF ADJACENT PROPERTY TO: NORTH <u>B-3</u> EAST <u>B-3</u> SOUTH <u>B-3</u> WEST <u>R-1</u>	
DESCRIPTION OF REQUEST: <u>CHANGE ZONING OF EAST SIDE OF PROPERTY SO WE ARE ABLE TO USE THE BUILDINGS FOR OUR BUSINESS, SOUTH OF THE SQUARE COLLISION CENTER</u>	

Have the Planning Commission or Board of Zoning and Building Appeals considered any prior request concerning this property? Yes ☒ No ☐. If yes, list dates and nature of each: TO ABSORB THAT PORTION OF THE PROPERTY SPLIT SOLD TO US, WHICH WAS APPROVED IN SUMMER OF 2019

owner(s) name, permanent parcel number and mailing address. Adjacent properties shall include those properties bordering to the north, south, east, west, across a street from the property involved and those properties meeting corners of the property involved.

In the event of property transfers, the applicant shall be responsible for providing an updated list of current adjacent record title owner(s) to the office of the Clerk of Council twenty-five days prior to the date of any public hearing when the applicant will appear on the agenda.

PLANNING COMMISSION USE ONLY: ☐ APPROVED ☐ DISAPPROVED

All approvals are conditional until applicant fully meets the requirements of applicable City ordinances enforced by the Chief Building Official, City Engineer, Fire Department and Police Department with respect to safety and design.

- ☐ Board of Building & Zoning Appeals approval required
☐ Conditions as set forth by the Commission on this date are _____

Date: _____ Signature: _____
(Presiding officer at meeting)

Return completed form to Building Dept., 7307 Avon Belden Road, North Ridgeville, Ohio, 44039 after Commission action.

TO BE FILLED OUT BY APPLICANT

I, RICHARD STICKLAND

(Print Name)

(Signature)

verify that the following are the names, mailing addresses and permanent parcel numbers of the current record title owners adjacent to the property of request for:

Applicant: RICHARD STICKLAND

Owner: UYA HOLDINGS, LLC

Project address: 7385 RACE RD, NORTH RIDGEVILLE, OH 44039

Permanent parcel no. 07-00-034-000-~~133~~ 137

THE FOLLOWING INFORMATION MAY BE OBTAINED AT THE LORAIN COUNTY AUDITOR'S OFFICE,
ADMINISTRATION BUILDING., 226 MIDDLE AVENUE, ELYRIA, OHIO.
PHONE: 440-329-5207 WEBSITE: WWW.LORAINCOUNTY.COM/AUDITOR

	<u>ADJACENT PROPERTY OWNER/ADDRESS</u>	<u>PARCEL NUMBER</u>
1	37775 PROPERTIES, LLC Address: 37775 CENTER RIDGE RD NORTH RIDGEVILLE, OH 44039	0700034000136
2	BOLIN RAYMOND E Address: 37723 CENTER RIDGE RD NORTH RIDGEVILLE, OH 44039	0700034000131
3	GROSS DELITE A Address: 37705 CENTER RIDGE RD NORTH RIDGEVILLE, OH 44039	0700034000016
4	HALABICA STEPHEN J SR & LINDA F Address: 7405 RACE RD NORTH RIDGEVILLE, OH 44039	0700034000009
5	NORTHCUTT CHARLES LEE JR Address: 7407 RACE RD NORTH RIDGEVILLE, OH 44039	0700034000010
6	DIENES LARRY & JUDITH Address: 7423 RACE RD NORTH RIDGEVILLE, OH 44039	0700034000091
7	BREZINSKI ALEXIS J Address: 7459 RACE RD NORTH RIDGEVILLE, OH 44039	0700034000087
8	LAKE RIDGE ACADEMY Address: 37501 CENTER RIDGE RD NORTH RIDGEVILLE, OH 44039	0700034000108
9	HAAS KARA & HAAS MARTIN W II Address: 13210 TORRESINA TERRACE BRADENTON, FL 34211	0700039000078
10	MILLER JAMES M & CHRISTINE M Address: 7402 RACE RD NORTH RIDGEVILLE, OH 44039	0700039000059

SEE REVERSE SIDE FOR ADDITIONAL LISTINGS.

OFFICE USE ONLY

CBO verification by: _____
BZA/PC verification by: _____

Date/time stamp: _____

	<u>ADJACENT PROPERTY OWNER/ADDRESS</u>	<u>PARCEL NUMBER</u>
11	ASIMOU GEORGE & CHRISTINA ETAL Address: 37863 CENTER RIDGE RD NORTH RIDGEVILLE, OH 44039	0700039000061
12	AZAC PROPERTIES LTD Address: 21150 INDIAN HOLLOW WELLINGTON, OH 44090	0700039000077
13	FRANK KRISTI A Address: 7490 RACE RD NORTH RIDGEVILLE, OH 44039	0700039000034
14	BING DANIEL E & KATHERINE G Address: 7500 RACE RD NORTH RIDGEVILLE, OH 44039	0700039000035
15	TUMBRY RAYMOND J JR & BURNS LAURIE M Address: 7499 RACE RD NORTH RIDGEVILLE, OH 44039	0700034000093
16	BING CHARLES E & NADINE Address: 7515 RACE RD NORTH RIDGEVILLE, OH 44039	0700034000089
17	LAKE RIDGE ACADEMY Address: 37501 CENTER RIDGE RD NORTH RIDGEVILLE, OH 44039	0700034000109
18	HAGGERTY JOHN K & ELIZABETH K Address: 7450 EVERGREEN BLVD NORTH RIDGEVILLE, OH 44039	0700034000024
19	FRANK ROBERT D Address: 7444 EVERGREEN BLVD NORTH RIDGEVILLE, OH 44039	0700034000023
20	GALLAGHER JAMES W & MARGARET E Address: 7424 EVERGREEN BLVD NORTH RIDGEVILLE, OH 44039	0700034000022
21	SUMMERS DEANNA M Address: 7410 EVERGREEN BLVD NORTH RIDGEVILLE, OH 44039	0700034000021
22	BURKHAMMER SABERINA Address: 7400 EVERGREEN BLVD NORTH RIDGEVILLE, OH 44039	0700034000020
23	LEARNING PROPERTIES LLC Address: 37693 CENTER RIDGE RD NORTH RIDGEVILLE, OH 44039	0700034000019
24	RIDGE MINERALS LLC Address: 37000 CENTER RIDGE RD NORTH RIDGEVILLE, OH 44039	0700034000130
25	84 FINANCIAL LP Address: ATTN: LESA TURKOVICH EIGHTY FOUR, PA 15330	0700034000003 & 0700034000002
26	HETRICK EDWARD R & REBECCA L Address: 37772 CENTER RIDGE RD NORTH RIDGEVILLE, OH 44039	0700034000001

PLEASE COPY THIS PAGE FOR ADDITIONAL LISTINGS OF ADJACENT PROPERTY OWNERS.

	<u>ADJACENT PROPERTY OWNER/ADDRESS</u>	<u>PARCEL NUMBER</u>
14 27	RIDGE MINERALS LLC Address: 37000 CENTER RIDGE RD N RIDGEVILLE, OH 44039	0700039000019
12 28	BIBB RAYMOND E & BIBB MELANIE Address: 37846 CENTER RIDGE RD NORTH RIDGEVILLE, OH 44039	0700039000083
18 29	SMITH PAIGE & GIBBONS ALEXANDER Address: 37892 CENTER RIDGE RD NORTH RIDGEVILLE, OH 44039	0700039000084
14 30	BONNESS JIM & JANET Address: 7487 RACE RD NORTH RIDGEVILLE, OH 44039	0700034000088
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PLEASE COPY THIS PAGE FOR ADDITIONAL LISTINGS OF ADJACENT PROPERTY OWNERS.

PETITION FOR REZONING CLASSIFICATION

Owner RICHARD STICKLAND
Signature of Owner 
Address: 7385 RACE RD
City/State/Zip: NORTH RIDGEVILLE, OH 44039
Telephone No.: 330-350-2131
Email Address: RICK@SOUTHOFTHESQUARE.COM

Petitioner: RICHARD STICKLAND
Signature of Petitioner: 
Address: 7385 RACE RD
City/State/Zip: NORTH RIDGEVILLE, OH 44039
Telephone No.: 330-350-2131
Email Address: RICK@SOUTHOFTHESQUARE.COM

If there is more than one owner, please use additional sheets providing names and signatures of all owners.

The above listed as the owner of property located at 7385 RACE RD
North Ridgeville, Ohio is hereby in agreement with this petition to Council of the City of North Ridgeville, Ohio to amend the zoning Ordinance and zoning map of the City of North Ridgeville, Ohio, by amending the zoning classification of the above mentioned property from
R-1 to B-3

My above signature certifies that the accompanying documentation is included with this Petition as to form:

1. A legal description of the area;
2. A brief description of the land as to its location of the area, zone or district proposed to be changed in relation to City streets and numbers or its distance from an indicated intersection;
3. The name of the property owner or owners within the land to be rezoned if there are ten owners or less. If there are more than ten property owners, then the name of the petitioner shall be recited in the ordinance;
4. A list of the names and address of the owners of property as they appear upon the County Treasurer's tax list or as they appear in his or her index of tax mailing addresses, lying within 500 feet of the perimeter of the area, zone or district proposed to be changed. A certificate certifying that the names and addresses were obtained through the County Treasurer's Tax List or his or her Index of Tax Mailing Address or the Office of the Auditor of Lorain County (Certificate of filing attached hereto.);
5. A fee of \$235.00 to defray the costs of notices and other expenses connected with the hearings required by this section. In addition to the aforesaid fee, the applicant shall pay for the actual cost of the legal advertising, with the applicant paying for such costs prior to the date of the public hearings;
6. Two duplicate originals of the Planning Commission Request for Action form along with one full size 24 x 36 original plat plan (with the seal of a licensed professional engineer or registered surveyor) which shall include and nine additional copied sets to be of lesser size as long as legible and no smaller than 11 x 17.

**CERTIFICATE OF NAMES, ADDRESSES, AND PERMANENT PARCEL NUMBERS FOR
SECURING CHANGES IN THE ZONING CLASSIFICATION OF PROPERTIES**

**CITY OF NORTH RIDGEVILLE
OFFICE OF THE CLERK OF COUNCIL**

I, RICHARD STICKLAND, PRESIDENT OF UYA HOLDINGS, LLC, requesting a change in zoning classification in the area, zone or
district located at 7385 RACE RD, NORTH RIDGEVILLE OH 44039 from
R-1 Zoning District to B-3 Zoning District do hereby certify that the names,
addresses and permanent parcel numbers herein provided were obtained from the County Auditor's
Office, County Treasurer's Tax List or as they appear on his or her Index of Tax Mailing Addresses.

RICHARD STICKLAND, PRESIDENT OF UYA HOLDINGS, LLC

NAME

7385 RACE RD

ADDRESS

NORTH RIDGEVILLE, OH 44039

CITY/STATE/ZIP

330-350-2131

TELEPHONE NUMBER

09/20/2019

DATE

Barbosa and Associates LLC

5604 Case Road North Ridgeville, Ohio 44039 (440) 327-4776

PARCEL CONSOLIDATION 3.217 ACRES

(1.997 FROM PART OF 07-00-034-000-133, 0.59 ACRES FROM 07-00-034-000-008, 0.629 ACRES FROM 07-00-034-000-007)

Situated in the **City of North Ridgeville, County of Lorain, and State of Ohio** and being known as part of **Ridgeville Township Original Lot 34** and further described as follows:

Commencing at the intersection of the centerline of Race Road and the centerline of State Route 20 also known as Center Ridge Road; Thence **S00°00'18"W** along the centerline of Race Road a distance of **210.04 feet** to the northwest corner of land conveyed to UYA Holdings, LLC and recorded by deed instrument no. 2015-0555468 of Lorain County records and being the **Principal Place of Beginning** of the parcel of land herein described;

Thence **N81°39'18"E** along the north line of UYA Holdings, LLC a distance of **177.60 feet** to the northeast corner of UYA Holdings, LLC as aforesaid as referenced by an iron pin found 0.40' south and 0.48' east passing for reference an iron pin found at a distance of 30.32 feet;

Thence **N81°39'18"E** and along the projection of the previous line a distance of **19.37 feet** to an iron pin found at an angle point on the west line of land conveyed to Raymond E. Bolin by deed instrument no. 2008-0260348 of Lorain County records;

Thence along the west and south lines of Bolin the following courses:

S00°00'20"E a distance of **101.13 feet** to an iron pin found;

N89°59'40"E a distance of **48.49 feet** to an iron pin found;

S00°00'20"E a distance of **50.25 feet** to an iron pin found;

N89°59'40"E a distance of **80.00 feet** to an iron pin found at the southeast corner of Bolin and on the west line of land conveyed to Delite E. Gross by deed instrument no. 2009-0317245 of Lorain County records;

Thence **S00°00'20"E** along the west line of Gross a distance of **528.02 feet** to the centerline of a ditch and passing for reference an iron pipe found 21.75 feet from said centerline of ditch;

Thence **S71°10'32"W** along the centerline of ditch a distance of **155.99 feet** to the southeast corner of land conveyed to Larry Dienes by deed volume 1074 page 621 of Lorain County records;

Thence **N00°00'20"W** along the east line of Dienes as aforesaid and the east line of lands conveyed to, Charles Lee Jr. Northcut by deed instrument no. 2017-0614342, Stephen J. and Linda F. Halabica by deed orv 1350 page 858 of Lorain County records a distance of **411.43 feet** to an iron pipe found at the northeast corner of Halabica as aforesaid;

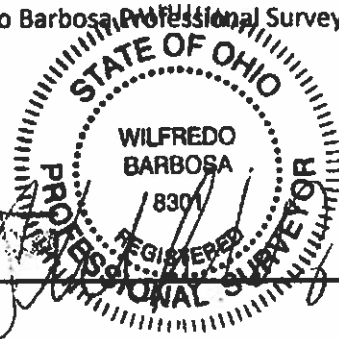
Thence **S89°57'42"W** along the north line of Habica a distance of **175.78 feet** to the centerline of Race Road and passing for reference an iron pipe found 30.48 feet from said centerline of road;

Thence **N00°00'18"E** along the centerline of Race Road a distance of **289.82 feet** to the **Principal Place of Beginning** and containing within said bounds **3.217 acres**, be the same more or less but subject to all existing legal highways, easements, agreements, restrictions, ordinances and codes as surveyed by Wilfredo Barbosa, Professional Surveyor PS#8301 on April 7, 2019.

Basis of bearings are assumed and are for the purpose of determining angles.

07-00-034-000-137 7-29-19

REINHARDT & ASSOC INC
4365 LAKE ROAD
SHEFFIELD LAKE, OH 44054



TRANSFERRED

IN COMPLIANCE WITH SEC. 319-202
OHIO REV CODE

JUL 29 2019

J. CRAIG SHODGRASS, CPA, CGFM
LORAIN COUNTY AUDITOR



Doc ID: 021902460002 Type: OFF
Kind: DEEDS
Recorded: 07/29/2019 at 11:20:59 AM
Fee Amt: \$28.00 Page 1 of 2
Lorain County, Ohio
Judith M Nedwick County Recorder
File **2019-0723829**

QUITCLAIM DEED

UYA HOLDINGS, LLC., an Ohio Limited Liability Company with a principal place of business located at 118 Mill Street, Medina, Ohio 44256, for valuable consideration paid, grants to UYA HOLDINGS, LLC., whose tax-mailing address will be 118 Mill Street, Medina, Ohio 44256, the real property described in Exhibit "A" attached hereto and incorporated herein by reference.

Signed this 15 day of May, 2019.

UYA Holdings, LLC

By: Richard R. Stickland, Member of
UYA Holdings, LLC

Before me a notary public in and for the said County and State, personally appeared the above named Richard R. Stickland, Member of UYA Holdings, LLC who acknowledged that he did sign the foregoing instrument and that the same is his free act and deed.

IN TESTIMONY THEREOF, I have hereunto subscribed my name and affixed my seal on this day and year aforesaid.

Notary Public

This Instrument was prepared by:
Kenneth J. Marco (0055366)
Marco & Marco
52 Public Square
Medina, OH 44256

SUSAN J. MILLER
NOTARY PUBLIC, STATE OF OHIO
My Commission Expires 3/8/2022

NO PLAT NECESSARY
City of North Ridgeville

Mayor

Barbosa and Associates LLC

5604 Case Road North Ridgeville, Ohio 44039 (440) 327-4776

PARCEL CONSOLIDATION 3.217 ACRES

(1.997 FROM PART OF 07-00-034-000-133, 0.59 ACRES FROM 07-00-034-000-008, 0.629 ACRES FROM 07-00-034-000-007)

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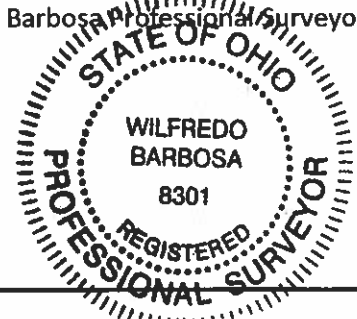
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Basis of bearings are assumed and are for the purpose of determining angles.



DATE: October 7, 2019
INTRODUCED BY: Petition from
Richard Stickland
REFERRED TO: B&L and PC 10/07/2019
TEMPORARY NO: T 106-2019

B&L on 11/04/2019
PC on 11/12/2019
B&L report accepted on ____
PC report accepted on ____
PH on 12/16/2019

1ST READING: October 7, 2019
2ND READING: _____
3RD READING: _____
ADOPTED: _____

ORDINANCE NO.

AN ORDINANCE AMENDING SECTION 1240.01 OF THE CODIFIED ORDINANCES OF THE CITY OF NORTH RIDGEVILLE, OHIO, KNOWN AS THE ZONING CODE ORDINANCE, TO REZONE THE FOLLOWING LAND: LOCATED AT 7385 RACE ROAD; PARCEL NUMBER 07-00-034-000-137 AND OWNED BY UYA HOLDINGS, LLC FROM R-1 RESIDENCE DISTRICT AND B-3 HIGHWAY COMMERCIAL DISTRICT TO B-3 HIGHWAY COMMERCIAL DISTRICT.

WHEREAS, by the present official zoning map and zoning Ordinance of the City of North Ridgeville, County of Lorain and State of Ohio, the following described parcel is situated in an R-1 Residence District and a B-3 Highway Commercial District; and

WHEREAS, the parcel described in the attached **Exhibit "A"** is owned by UYA Holdings, LLC; and

WHEREAS, in the opinion of City Council and upon the recommendation of the North Ridgeville Planning Commission, it would be conducive to the public welfare and safety and not detrimental to the community to have said real estate parcel rezoned from R-1 Residence District and B-3 Highway Commercial District to B-3 Highway Commercial District.

NOW THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF NORTH RIDGEVILLE, LORAIN COUNTY, OHIO:

SECTION 1. Section 1240.01 of the codified Ordinances of the City of North Ridgeville, Ohio, being the zoning Ordinances of said City, and the official zoning map appended thereto in Sections 1248.01 and 1248.02, be and the same is hereby amended so as to provide that from and after the effective date of this Ordinance, the following described land, located at 7385 Race Road; Parcel number 07-00-034-000-137 owned by UYA Holdings, LLC shall be and hereby is changed from R-1 Residence District and B-3 Highway Commercial District to B-3 Highway Commercial District and more particularly described in the attached Exhibit "A".

SECTION 2. That upon the effective date of this Ordinance, the Chief Building Official shall cause the official zoning map to be changed and corrected so as to show the B-3 Highway Commercial District created.

SECTION 3. It is found and determined that all formal actions of this Council concerning and relating to the adoption of this Ordinance were conducted in an open meeting of this Council, and that all deliberations of this Council and any of its committees that resulted in such formal action were in meetings open to the public in accordance with all legal requirements, including Section 121.22 of the Ohio Revised Code.

SECTION 4. This Ordinance shall take effect and be in full force from and after the earliest period allowed by law.

PASSED: _____

PRESIDENT OF COUNCIL

ATTEST: _____

CLERK OF COUNCIL

APPROVED: _____

MAYOR

Exhibit "A"

Barbosa and Associates LLC
 5604 Case Road North Ridgeville, Ohio 44039 (440) 377-4776

PARCEL CONSOLIDATION 3.217 ACRES

(1.997 FROM PART OF 07-00-034-000-133, 0.59 ACRES FROM 07-00-034-000-008, 0.629 ACRES FROM 07-00-034-000-007)

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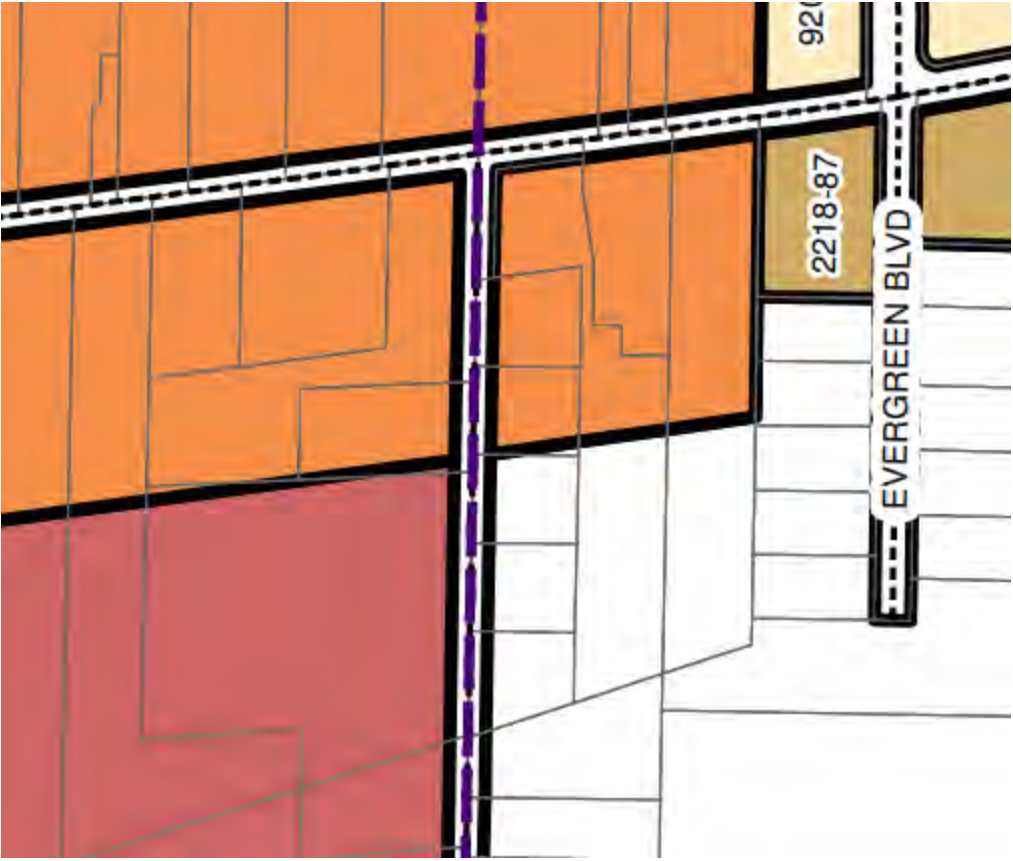
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Basis of bearings are assumed and are for the purpose of determining angles.







J.Craig Snodgrass, CPA, CGFM
Lorain County Auditor



Basic Search ▾

Advanced Search ▾

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Sales

Layers

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Printing

More...

[Click here for Legal Disclaimer](#)

South of the Square Collision Center7385 Race Road
North Ridgeville, Ohio 44039
440-327-9810Westfield Bank, FSB
56-7227/412

5668

9/30/2019

PAY TO THE ORDER OF CITY OF NORTH RIDGEVILLE - VENDOR

\$**235.00

Two Hundred Thirty-Five and 00/100***** DOLLARS

CITY OF NORTH RIDGEVILLE - VENDOR

MEMO

PETITION TO REZONE FEES

Susan Stickland

⑈005668⑈ ⑆041272279⑆ 100317892⑈

Details on Back
Intuit® CheckLock™ Secure Check

SOUTH OF THE SQUARE COLLISION CENTER

CITY OF NORTH RIDGEVILLE - VENDOR

9/30/2019

5668

FEE TO REZONE PARCEL BEHIND 7385 RACE R

235.00

Westfield Bank

PETITION TO REZONE FEES

235.00

UYA Holdings, LLC.

118 Mill Street
Medina, Ohio 44256
330-721-8373

WESTFIELD BANK, FSB
Westfield Center OH 44251-5002
56-7227/412

1156

10-7-19

PAY TO THE
ORDER OF

City of North Ridgeville

\$ 172.40

One Hundred Seventy Two Dollars and 40/100

DOLLARS

Susan Stickland

MEMO Zoning add

⑈001156⑈ ⑆041272279⑆ 1351957⑈

NOTES

RECEIPT

DATE

10/07/2019

NO.

49693

RECEIVED FROM

UYA Holdings LLC

ADDRESS

9385 Race Rd

\$

FOR

REZONA Petition - Chronicle Ad 70666729

Check # 1156

ACCOUNT			HOW PAID		
AMT. OF ACCOUNT			CASH		
AMT. PAID	172	40	CHECK	172	40
BALANCE DUE			MONEY ORDER		

BY

[Signature]

©2001 REDIFORM® 8L808

**CITY OF NORTH RIDGEVILLE PLANNING COMMISSION
RECOMMENDATIONS**

Name of Applicant:	COUNCIL REFERRAL: Richard Stickland, UYA Holdings, LLC 118 Mill St, Medina, OH 44256
Name of Owner:	UYA Holdings, LLC; 118 Mill St, Medina, OH 44256
Date of Planning Commission Meeting:	Tuesday, November 12, 2019
Date to Return to Deputy Clerk of Council:	Thursday, October 31, 2019
Regarding:	Approval to rezone land located at 7385 Race Road from R-1 Residence District and B-3 Highway Commercial District to B-3 Highway Commercial District Permanent Parcel No. 07-00-034-000-137

Recommendations:

Recommend approval.

(Use additional sheets if necessary.)

Department Head Signature: _____

Mayor Kellie

Title: Mayor

Form prepared by the Office of the Clerk of Council 06-30-1999. Amended 05-30-2019.

Comments and recommendations by Administrative Officers, if any, shall be forwarded to the Commission Secretary not later than five (5) business days prior to the Commission meeting at which action is scheduled to be taken on the matter.
(Planning Commission By-Laws, Article V, Section 3)

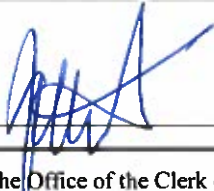
Comments received after the deadline will be distributed to the Members the night of the meeting.

**CITY OF NORTH RIDGEVILLE PLANNING COMMISSION
RECOMMENDATIONS**

Name of Applicant:	COUNCIL REFERRAL: Richard Stickland, UYA Holdings, LLC 118 Mill St, Medina, OH 44256
Name of Owner:	UYA Holdings, LLC; 118 Mill St, Medina, OH 44256
Date of Planning Commission Meeting:	Tuesday, November 12, 2019
Date to Return to Deputy Clerk of Council:	Thursday, October 31, 2019
Regarding: Approval to rezone land located at 7385 Race Road from R-1 Residence District and B-3 Highway Commercial District to B-3 Highway Commercial District Permanent Parcel No. 07-00-034-000-137	

Recommendations:

(Use additional sheets if necessary.)

Department Head Signature: _____  _____ **Title:** Safety-Service Director

Form prepared by the Office of the Clerk of Council 06-30-1999. Amended 05-30-2019.

Comments and recommendations by Administrative Officers, if any, shall be forwarded to the Commission Secretary not later than five (5) business days prior to the Commission meeting at which action is scheduled to be taken on the matter.
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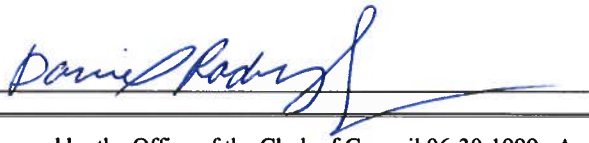
**CITY OF NORTH RIDGEVILLE PLANNING COMMISSION
RECOMMENDATIONS**

Name of Applicant:	COUNCIL REFERRAL: Richard Stickland, UYA Holdings, LLC 118 Mill St, Medina, OH 44256
Name of Owner:	UYA Holdings, LLC; 118 Mill St, Medina, OH 44256
Date of Planning Commission Meeting:	Tuesday, November 12, 2019
Date to Return to Deputy Clerk of Council:	Thursday, October 31, 2019
Regarding: Approval to rezone land located at 7385 Race Road from R-1 Residence District and B-3 Highway Commercial District to B-3 Highway Commercial District Permanent Parcel No. 07-00-034-000-137	

Recommendations:

1. No Comment

(Use additional sheets if necessary.)

Department Head Signature:  **Title:** City Engineer

Form prepared by the Office of the Clerk of Council 06-30-1999. Amended 05-30-2019.

Comments and recommendations by Administrative Officers, if any, shall be forwarded to the Commission Secretary not later than five (5) business days prior to the Commission meeting at which action is scheduled to be taken on the matter.
(Planning Commission By-Laws, Article V, Section 3)

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**CITY OF NORTH RIDGEVILLE PLANNING COMMISSION
RECOMMENDATIONS**

Name of Applicant:	COUNCIL REFERRAL: Richard Stickland, UYA Holdings, LLC 118 Mill St, Medina, OH 44256
Name of Owner:	UYA Holdings, LLC; 118 Mill St, Medina, OH 44256
Date of Planning Commission Meeting:	Tuesday, November 12, 2019
Date to Return to Deputy Clerk of Council:	Thursday, October 31, 2019
Regarding:	Approval to rezone land located at 7385 Race Road from R-1 Residence District and B-3 Highway Commercial District to B-3 Highway Commercial District. Permanent Parcel No. 07-00-034-000-137

Recommendations:

No problem with this rezoning.

(Use additional sheets if necessary.)

Department Head Signature:  Title: Chief Building Official

Form prepared by the Office of the Clerk of Council 06-30-1999. Amended 05-30-2019.

Comments and recommendations by Administrative Officers, if any, shall be forwarded to the Commission Secretary not later than five (5) business days prior to the Commission meeting at which action is scheduled to be taken on the matter.
(Planning Commission By-Laws, Article V, Section 3)

Comments received after the deadline will be distributed to the Members the night of the meeting.

**NORTH RIDGEVILLE CITY COUNCIL
BUILDING AND LANDS COMMITTEE MEETING MINUTES
CITY COUNCIL CHAMBERS – 6:30 P.M.
MONDAY, NOVEMBER 4, 2019**

To Order:

Chairman Bruce Abens called the Building and Lands Committee meeting to order at 6:30 p.m.

Pledge of Allegiance:

Roll Call:

Members present: Chairman Bruce Abens, Councilman Bob Chapek and Councilwoman Michelle Hung.

Also present: President Kevin Corcoran, Safety-Service Director Jeffry Armbruster, Councilman Dennis Boose, Councilman Martin DeVries, Assistant Clerk of Council Tara Peet, Assistant Law Director Toni Morgan, Clerk of Council Nancy Linden and Chief Building Inspector Guy Fursdon.

Action on Minutes:

Chairman Abens asked if there were any corrections to the minutes dated October 7, 2019. No discussion was offered. The minutes stand approved as submitted.

Discussion regarding T 106-2019:

Chairman Abens asked the applicant to step forward and explain his rezone request.

Rick Stickland, 7385 Race Road: stated the part of the parcel requested to be rezoned was from R-1 to B-3. He noted he purchased the parcel this past summer and there is a pole building on the property.

Councilwoman Hung asked who he purchased the property from.

Mr. Stickland stated the owners of Van's Tire. He also noted by expanding his business he will add on two more employees.

Chairman Abens asked what Mr. Stickland's intentions were with the property if it were to be rezoned.

Mr. Stickland stated he would increase his production space. He stated that aluminum repair has to be separate so there is no cross-contamination. Mr. Stickland stated the property south of the building will stay green space. He presented a photo that showed a striped area that would be turned into concrete or asphalt (see attached).

Chief Building Inspector stated if the property is rezoned to B-3, a buffer strip will need to be put in.

Mr. Stickland stated he was in agreement with the requirement and added he would make the property look nice.

Chief Building Inspector Fursdon also stated Mr. Stickland would be required to present plans to show he is compliant with Ohio Building Code.

Mr. Stickland stated he understood and was familiar.

Safety-Service Director Armbruster stated South of the Square is a great business and the City is happy to support this rezone request.

Councilman Chapek asked if there would be any hazardous chemicals on that part of the property.

Mr. Stickland stated no. They are located in the other building, per rules and regulations.

Moved by Hung and seconded by Chapek to recommend City Council adopt T 106-2019 as submitted

A voice vote was taken and the motion carried.

Yes – 3

No – 0

Discussion regarding T 109-2019:

Chairman Abens asked Assistant Law Director Morgan for an explanation on T 109-2019.

Assistant Law Director Morgan stated the Ohio Supreme Court made a decision that will be effective that is contrary to the City's code. The City's code states a Planning Commission decision must be made within forty-five days, and the court ruling states it must be thirty days. Assistant Law Director Morgan stated this legislation puts the code in line with state law.

Chief Building Inspector Fursdon asked if the thirty day clock begins when the Planning Commission actually meets at the meeting.

Assistant Law Director Morgan stated no. It is actually once the application is ready for approval, which consists of conditions being met, City Engineer approval and compliance with all regulations.

Moved by Hung and seconded by Chapek to recommend City Council adopt T 109-2019 as submitted

A voice vote was taken and the motion carried.

Yes – 3

No – 0

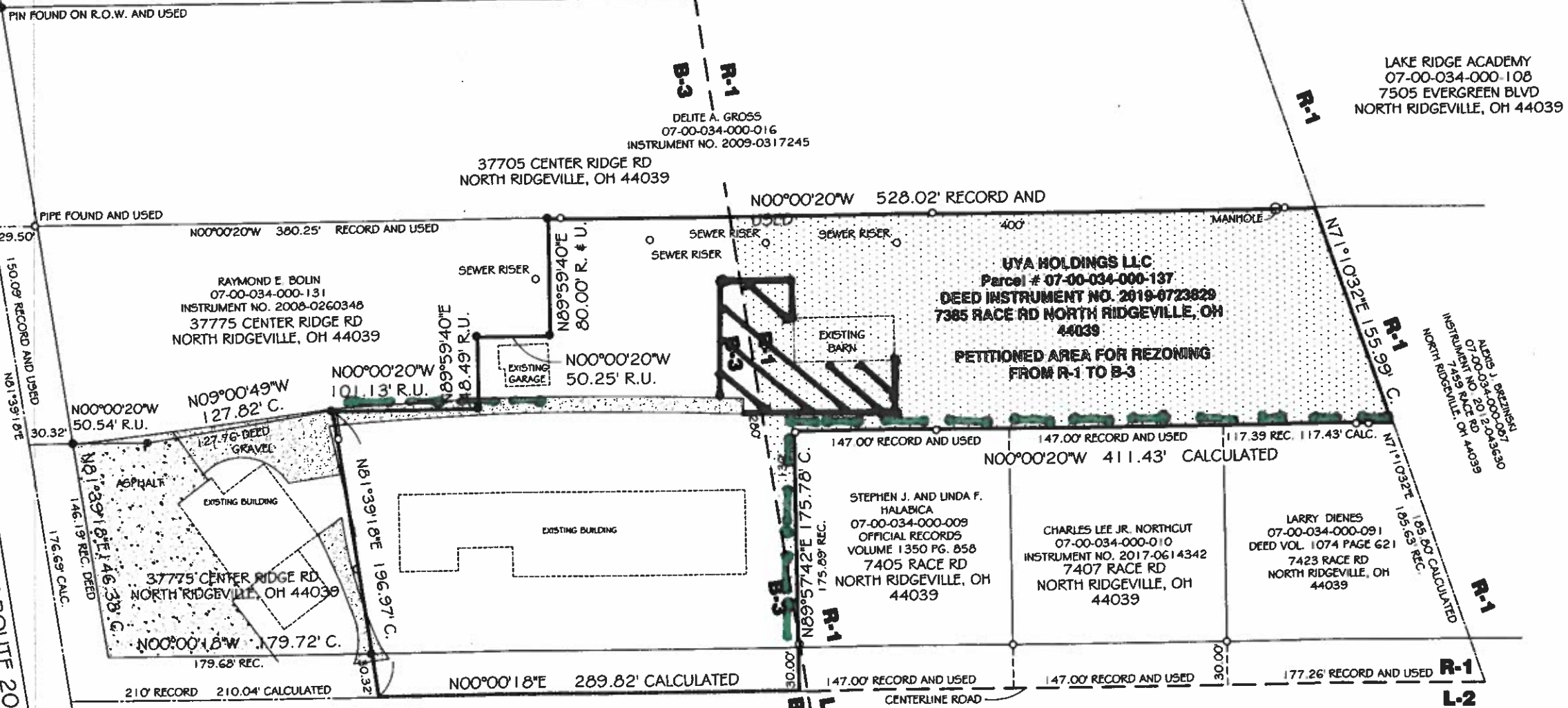
Adjournment:

The meeting was adjourned at 6:40 p.m.

Date Approved: _____

Tara L. Peet, MMC
Assistant Clerk of Council

CENTER RIDGE ROAD - (STATE ROUTE 20
RIGHT-OF-WAY) 60'



LAKE RIDGE ACADEMY
07-00-034-000-108
7505 EVERGREEN BLVD
NORTH RIDGEVILLE, OH 44039

DELITE A. GROSS
07-00-034-000-016
INSTRUMENT NO. 2009-0317245

37705 CENTER RIDGE RD
NORTH RIDGEVILLE, OH 44039

RAYMOND E. BOLIN
07-00-034-000-131
INSTRUMENT NO. 2008-0260348
37775 CENTER RIDGE RD
NORTH RIDGEVILLE, OH 44039

UYA HOLDINGS LLC
Parcel # 07-00-034-000-137
DEED INSTRUMENT NO. 2019-0723829
7385 RACE RD NORTH RIDGEVILLE, OH
44039

PETITIONED AREA FOR REZONING
FROM R-1 TO B-3

STEPHEN J. AND LINDA F.
HALABICA
07-00-034-000-009
OFFICIAL RECORDS
VOLUME 1350 PG. 858
7405 RACE RD
NORTH RIDGEVILLE, OH
44039

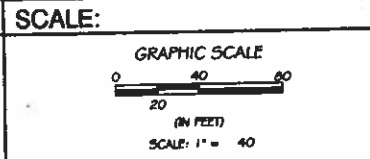
CHARLES LEE JR., NORTH CUT
07-00-034-000-010
INSTRUMENT NO. 2017-0614342
7407 RACE RD
NORTH RIDGEVILLE, OH
44039

LARRY DIENES
07-00-034-000-091
DEED VOL. 1074 PAGE 621
7423 RACE RD
NORTH RIDGEVILLE, OH
44039

Green dashes – Privacy Fencing
Brown lines – Hard Parking Surface (not to scale)



LEGEND:	
—	STATE R.O.W. MONUMENT
○	PIPE FOUND
●	REBAR FOUND AND USED
●	REBAR FOUND
⊕	MAG SPIKE FOUND AND USED
O. OR OBS.	OBSERVED, REC. OR R. = RECORD FROM DEED OR SURVEY PLAT
C. OR CALC.	CALCULATED
U.	USED



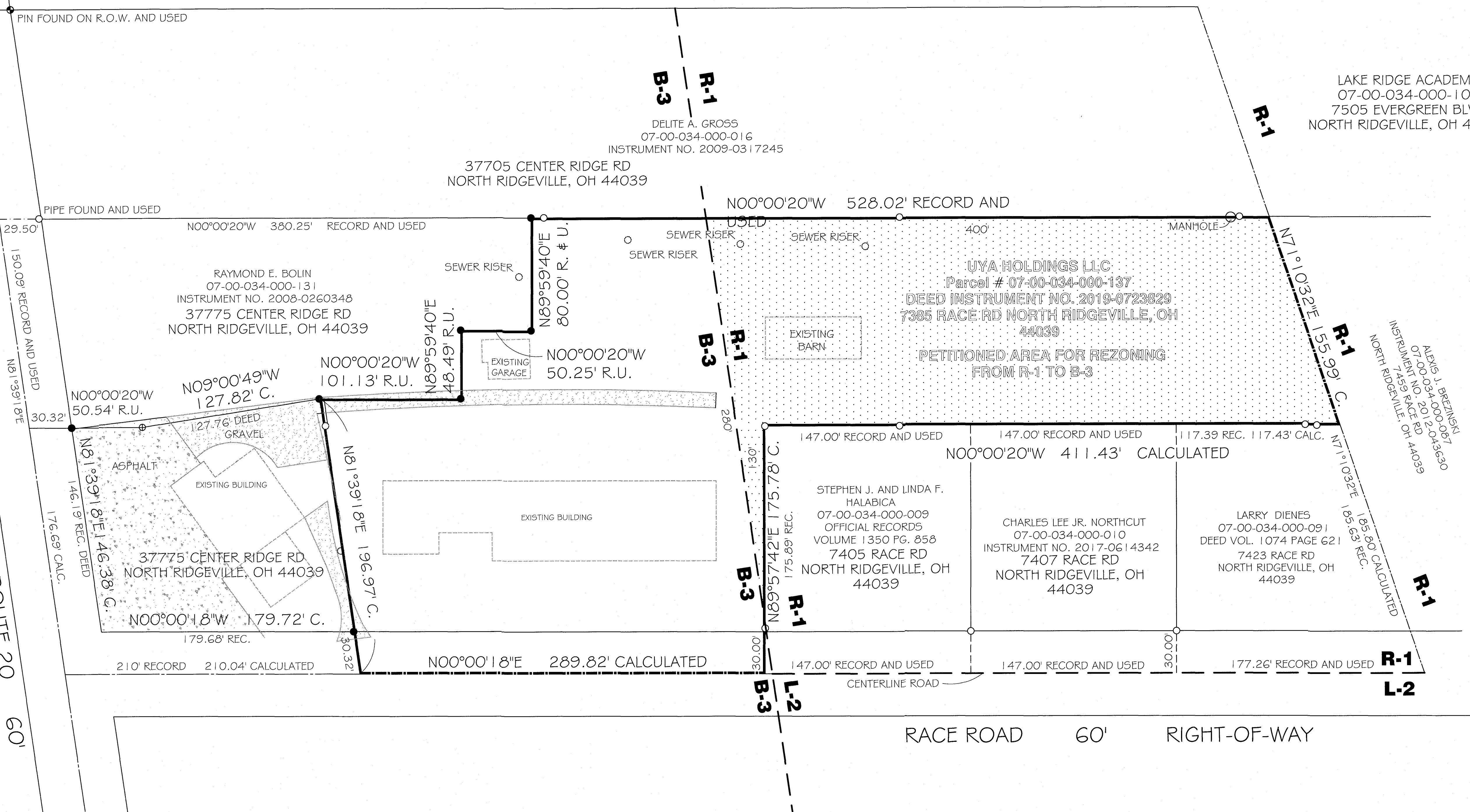
PETITION FOR REZONING
OF PART OF ORIGINAL RIDGEVILLE
TOWNSHIP LOT 34
CITY OF NORTH RIDGEVILLE
COUNTY OF LORAIN STATE OF OHIO

PREPARED AT THE REQUEST OF
UYA HOLDINGS LLC

BARBOSA AND ASSOCIATES LLC 5604 CASE ROAD NORTH RIDGEVILLE, OH 44039 (440) 327 4776	
9-28-2019 JOB NO: 2018-10-1-2	CHECKED BY: WB SHEET 1 of 1



CENTER RIDGE ROAD - (STATE ROUTE 20
RIGHT-OF-WAY)



LAKE RIDGE ACADEMY
07-00-034-000-108
7505 EVERGREEN BLVD
NORTH RIDGEVILLE, OH 44039

37705 CENTER RIDGE RD
NORTH RIDGEVILLE, OH 44039

RAYMOND E. BOLIN
07-00-034-000-131
INSTRUMENT NO. 2008-0260348
37775 CENTER RIDGE RD
NORTH RIDGEVILLE, OH 44039

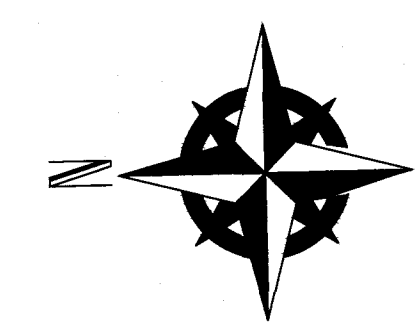
UYA HOLDINGS LLC
Parcel # 07-00-034-000-137
DEED INSTRUMENT NO. 2019-0723829
7385 RACE RD NORTH RIDGEVILLE, OH
44039
PETITIONED AREA FOR REZONING
FROM R-1 TO B-3

STEPHEN J. AND LINDA F.
HALABICA
07-00-034-000-009
OFFICIAL RECORDS
VOLUME 1350 PG. 858
7405 RACE RD
NORTH RIDGEVILLE, OH
44039

CHARLES LEE JR. NORTHCUT
07-00-034-000-010
INSTRUMENT NO. 2017-0614342
7407 RACE RD
NORTH RIDGEVILLE, OH
44039

LARRY DIENES
07-00-034-000-091
DEED VOL. 1074 PAGE 621
7423 RACE RD
NORTH RIDGEVILLE, OH
44039

ALEXIS I. BREZINSKI
07-00-034-000-067
INSTRUMENT NO. 2012-0723829
7455 RACE RD
NORTH RIDGEVILLE, OH 44039



LEGEND:	
	= STATE R.O.W. MONUMENT
	= PIPE FOUND
	= REBAR FOUND AND USED
	= REBAR FOUND
	= MAG SPIKE FOUND AND USED
O. OR OBS. = OBSERVED, REC. OR R. = RECORD FROM DEED OR SURVEY PLAT	
C. OR CALC. = CALCULATED	
U. = USED	

SCALE:	
GRAPHIC SCALE	
(IN FEET)	
SCALE: 1" = 40'	

PETITION FOR REZONING OF PART OF ORIGINAL RIDGEVILLE TOWNSHIP LOT 34 CITY OF NORTH RIDGEVILLE COUNTY OF LORAIN STATE OF OHIO	PREPARED AT THE REQUEST OF UYA HOLDINGS LLC	BARBOSA AND ASSOCIATES LLC 5604 CASE ROAD NORTH RIDGEVILLE, OH 44039 (440) 327 4776	
		9-26-2019	CHECKED BY:WB
		JOB No:2016-10-1-2	SHEET 1 of 1

