

## PERMIT APPLICATION REVIEW FORM FOR CABLE, CONDUIT, AND POLE LINE ACTIVITY IN FORT BEND COUNTY

#### Fort Bend County Engineering Department 301 Jackson Suite 401

Richmond, Texas 77469 281.633.7500 Permits@fortbendcountytx.gov

Х	Right of Way Permit
	Commercial Driveway Permi
Perr	mit No: 2017-15332

The following "Notice of Proposed Cab attachments have been reviewed and t of Fort Bend County, Texas.			
(1) COMPLETE APPLICATION FORM:			
X a. Name of road, street	, and/or drainage ditch affecte	d.	
X b. Vicinity map showing	course of directions		
X c. Plans and specification	ns		
(2) BOND:			
County Attorney, appro applicable.	val when		
X Perpetual bond current posted.	Bond No:	Amount: \$50,000.00	
Performance bond subr	mitted. Bond No:	Amount:	
Cashier's Check	Check No:	Amount:	
(3) DRAINAGE DISTRICT APPROVA  Drainage District Approval	L (WHEN APPLICABLE):	Date	
We have reviewed this project and a	gree it meets minimum requir	ements.	
Permit Administrator		Date	



## REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

## Fort Bend County Engineering Department 301 Jackson Suite 401

301 Jackson Suite 401 Richmond, Texas 77469 281.633.7500 Permits@fortbendcountytx.gov

X	Right of Way Permit
	<b>Commercial Driveway Permit</b>
Perr	nit No: 2017-15332

	Permit No: 2017-15332					
	pplicant: MCI Metro Access Tranmission Services, Corp./Eagle Eye Permitting & Design, LLC ob Location Site: 7217 Thompson Ferry Road, Missouri City, TX 77459					
Bond	l No.	Date of Bond:	5/1/2017	Amount:	\$50,000.00	
Laying Roads Comn Texas	The above applicant came to make use of certain Fort Bend County property subject to, "The Order Regulating the Laying, Construction, Maintenance, and Repair of Buried Cables, Conduits, and Pole Lines, In, Under, Across or Along Roads, Streets, Highways, and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by the Commissioners Court of Fort Bend County, Texas, of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistant with Chapter 181, Vernon's Texas Statutes and Codes Annoted.					
Notes 1. 2.	Evidence of regrounds for job Written notice a. 4 b. V	o shutdown. s are required: 8 hours in advance of constru	uction start u ed and ready mentOnline.	ip, and	site and failure to do so constitutes tion, submit notification to Permit ot commenced.	
Comn notice	missioner e of said above ¡		put and carriged by the Co	ied, it is ORDERE ommissioners Co	_, seconded by ED, ADJUDGED AND DECREED that sa purt of Fort Bend County, Texas, and	
Signa	ture		Pres	ented to Comm	issioners Court and approved.	
Ву:	Charly O	Ay	Date	e Recorded	Comm. Court No	
Ву:	N/A		Cler By:	k of Commissior	ners Court	
	Drainage Distri	ct Engineer/Manager		Deputy		

## MCImetro ACCESS TRANSMISSION SERVICES CORPORATION

## OUTSIDE PLANT CONSTRUCTION FIBER OPTIC CABLE ROUTE

## MCI ONE-FIBER MISSOURY CITY/SIENNA VILLAGE LATERAL MISSOURY CITY, TX

SITE NFID: 1706ANAY.013

PROJECT STATUS: CONSTRUCTION



## LOCATION MAP MISSOURY CITY, TX FORT BEND COUNTY





MISSOURY CITY, TX

SIENNA VILLAGE/MISSOURY CITY LATERA

MCImetro ACCESS TRANSMISSION SERVICES CORPORATION OUTSIDE PLANT CONSTRUCTION

DATE: 07-25-2017

ENGINEER: EAGLE EYE

DRAWN BY: ROBERT SANTOS REVISIONS

ATE DESCRIPTION

BALL SECONITION ST

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

SCALE

**MAP LINE LEGEND** 

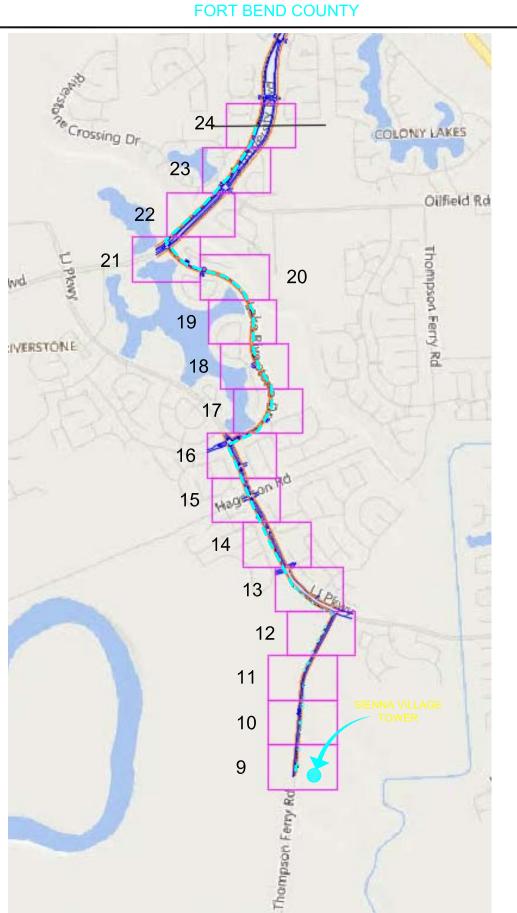
HORIZONTAL: 1"= N/A

VERTICAL: 1"= N/A

MP TO MP

SHEET 02 OF 2

FILE: SIENNA VILLAGE.DWG



#### **CONTACT SHEET**

MISSOURY CITY, TX FORT BEND COUNTY

MCI		
PROJECT ENGINEER:		
PROJECT MANAGER:		
PROJECT COORDINATOR:		
OUTSIDE DI ANT CONSTRUCTI	ONL	
OUTSIDE PLANT CONSTRUCTION CONSTRUCTION CONTRACTOR:	ERVIN CABLE CONSTRUCTION	844-322-2524
CONSTRUCTION MANAGER:		270-349-0337
PROJECT COORDINATOR:		
AGENT:		
MANAGER:		
COORDINATOR:		
MANAGER:		
PROGRAM MANAGER:		
LIGHTWAVE ENGINEER:		
CIVIL ENGINEER: TERMINAL CONST. REP.:		
SPLICING MANAGER:		
TSO MANAGER:		
ENGINEERING CONTRACTOR		
<u>ENGINEERING CONTRACTOR</u>		
; ,	OFFICE:	
PRESIDENT:	OFFICE: CELL:	
	CELL: E-MAIL OFFICE:	
PRESIDENT:	CELL: E-MAIL	
PRESIDENT:	CELL: E-MAIL OFFICE: CELL:	
PRESIDENT: PROJECT MANAGER:	CELL: E-MAIL OFFICE: CELL:	
PRESIDENT:	CELL: E-MAIL OFFICE: CELL:	
PRESIDENT: PROJECT MANAGER: NAME OF FIRM:	CELL: E-MAIL OFFICE: CELL:	

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UNION PACIFIC RAILROAD DANIEL PETERS 402-544-8620

#### UTILITIES

MCI UTILITY LOCATE 1-800-624-9675

TEXAS ONE CALL SYSTEM (UTILITY LOCATES) 1-800-545-6005

NON MEMBERS:

#### **CITY GOVERNMENT**

CITY OF HOUSTON
- SANITARY SEWER

- TRAFFIC - ROAD & BRIDGE - STORM QUALITY - WATER

832-394-9123 832-394-9124 832-394-9128 832-394-9132 832-394-9134 832-394-9160 832-394-9161 MIKE NOWROOZI SAM HABIBI NAEEM HUSAIN RICK KOVACICH ZIA MOHAMMADI ROBERTO GOMEZ BILL CROUCH

#### **COUNTY GOVERNMENT**

HARRIS COUNTY

#### STATE GOVERNMENT

TXDOT SAMIR GOEL 713-802-5321

#### FEDERAL GOVERNMENT

N/A

**OTHER** 

N/A

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	MCImetro ACCESS TRANSMISSION SERVICES	CORPORATION	OUTSIDE PLANT CONSTRUCTION	TITLE: FIBER OPTIC ROUTE	SIENNA VILLAGE/MISSOURY CITY LATERAL	MISSOURY CITY, TX
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No.	DATE	וט	ESCRIPT	ION	+	BY
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#### **GENERAL NOTES / CLARIFICATION NOTES**

#### **GENERAL NOTES**

- 1. VERIZON BUSINESS COMPRISES THE FOLLOWING OPERATING ENTITIES:
  - MCI COMMUNICATIONS SERVICES, INC.
  - MCI METRO ACCESS TRANSMISSION SERVICES CORPORATION
  - 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, VERIZON BUSINESS AND THE RIGHT-OF-WAY GRANTOR.
- LOCATIONS OF SOME OF THE PHYSICAL FEATURES WERE OBTAINED FROM DATED RAILROAD EVALUATION MAPS OR OTHER DRAWINGS AND MAY NOT 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 THE EVENT OF CONFLICT.
- 5. ALL KNOWN BURIED OBSTRUCTIONS ARE SHOWN ON THE CONSTRUCTION DRAWINGS. ANY AND ALL OTHERS ENCOUNTERED ARE ALSO THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, PROTECT 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 CONDITION.
- 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 EXPECTATIONS.
- 8. SHORING OF BORE PITS AND TRENCHES IN ACCORDANCE WITH OSHA REGULATIONS IS MANDATORY.
- BURIED CABLE MARKERS WILL BE PLACED AT ALL UNDERGROUND UTILITY LOCATIONS AND ALL OTHER LOCATIONS IN ACCORDANCE WITH THE CONSTRUCTION DRAWINGS AND THE OUTSIDE PLANT HANDBOOK.
- 10. ALL 4" ID CONDUIT WILL BE SCHEDULE 40 (EG.: PVC OR GSP/BSP), OR AS SPECIFIED.
- 11. UNDERGROUND CONDUIT WILL BE PLACED AT 48" MINIMUM COVER UNLESS OTHERWISE SPECIFIED ON THE CONSTRUCTION DRAWINGS.

#### **CLARIFICATION NOTES**

#### ADDENDUM NOTES: HARRIS COUNTY - 48 HOUR NOTICE

- CONTRACTOR SHALL NOTIFY HARRIS COUNTY (48 HOURS) PRIOR TO COMMENCING CONSTRUCTION AND/OR BACKFILLING ANY UTILITIES.
- CONTRACTOR(S) ARE TO CONTACT HARRIS COUNTY "PUBLIC REVIEW DEPARTMENT" BY PHONE OR EMAIL. - 713-274-3931
  - public.review@chpid.org

#### **CLARIFICATION NOTES (CONTINUED)**

#### JACK AND DRY BORE CONDUIT(S)

PLACE CONDUIT

PLACE HIGH DENSITY POLYETHYLENE (HDPE) ROCK ADDER SLURRY BACKFILL ADDER EXPOSE CONDUIT EXPOSE CONDUIT AND RELOCATE EXPOSE CONDUIT AND REPLACE/SUBSTITUTE EXPOSE AND REMOVE CONDUIT EXPOSE AND REMOVE CONDUIT (ABANDONED) CONCRETE ENCASE REMOVE CONCRETE ENCASEMENT REMOVE CONCRETE CAP PLACE HANDHOLE REMOVE EXISTING HANDHOLE RELOCATE HANHOLE REPLACE/SUBSTITUTE HANDHOLE **EXCAVATE SPLICE PIT** PLACE MANHOLE REMOVE EXISTING MANHOLE RELOCATE PRECAST MANHOLE REPLACE/SUBSTITUTE PRECAST MANHOLE **CONSTRUCT WALL** REMOVE AND RESTORE ASPHALT REMOVE AND RESTORE CONCRETE REMOVE AND RESTORE SIDEWALK REMOVE AND RESTORE CURBING

ATTACH CONDUIT TO WALL OR STRUCTURE
DETACH CONDUIT FROM WALL OR STRUCTURE
CORE BORE
ATTACH PULL/SPLICE BOX TO WALL OR STRUCTURE

PULL CABLE
PULL THROUGH DUCT (INNERDUCT)
REMOVE CABLE FROM CONDUIT
REPOSITION ACTIVE CABLE SLACK

DIRECT BURY CABLE
EXPOSE DIRECT BURIED CABLE
EXPOSE DIRECT BURIED CABLE AND RELOCATE
REMOVE AND DISPOSE OF CABLE
PLACE AERIAL CABLE
RELOCATE AERIAL CABLE
DELASH AERIAL CABLE
RELASH AERIAL CABLE
REMOVE AERIAL CABLE
PLACE POLE/PUSH BRACE
REMOVE POLE/PUSH BRACE

JETTING CONDUIT EMBEDMENT PLOW DIRECTIONAL BORE

PLACE BURIED CABLE MARKERS AND SIGNS/MWCOM WATER CROSSING SIGNS
PLACE ISOLATOR/PROTECTION SYSTEM AT EXISTING HANDHOLES/MANHOLES
REMOVE BURIED CABLE MARKER POST/HARDWARE REMOVE CONCRETE BURIED CABLE MARKER POST



ACCESS TRANSMISSION SERVICES CORPORATION OUTSIDE PLANT CONSTRUCTION TITLE: FIBER OPTIC ROUTE SIENNA VILLAGE/MISSOURY CITY LATERAL MISSOURY CITY LATERAL

OHNACT, THESE UNIVERSE AND SPECIFICAL IN CALL REMAIN THE PROPERTY OF MOMINICATIONS SERVICES INC. BOTH BEI SUBJUNICATIONS SERVICES ON SPECIFICATION OF THE PROPERTY OF MOMINICATIONS OF THE PROPERTY OF THE PRO

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SHEET	04	OF	24

FILE: SIENNA VILLAGE. DWG

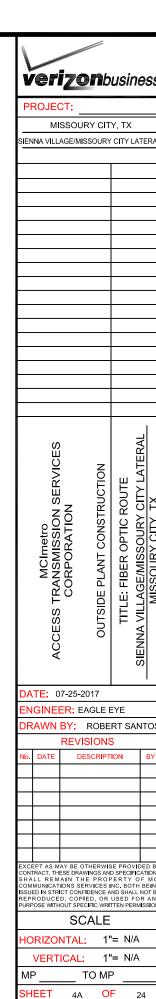
#### MCI OUTSIDE PLANT FOCUS

#### 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.
- 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 WORK. 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 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.
  - 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.

#### MCI OUTSIDE PLANT 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.



ILE: SIENNA VILLAGE.DWG

#### **CLARIFICATION SUMMARY SHEET** PROJECT SPECIFIC

PROJECT CLARIFICATION SUMMARY		
DESCRIPTION	QUANTITY	UNIT
PLACE (30"x60"x30") HANDHOLE	15	EA
PLACE 1-2" HDPE (SDR 11) CONDUIT	11,228	LF
PULL 1-96F CABLE (INCLUDES 630' IN COILS)	3,673	LF
PULL 1-432F CABLE (INCLUDES 1030' IN COILS)	9,328	LF
PLACE (BURIED CABLE) MARKER	15	LF

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OUTSIDE PLANT CONSTRUCTION	TITLE: FIBER OPTIC ROUTE	SIENNA VILLAGE/MISSOURY CITY LATERAL	MISSOURY CITY, TX
17			
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No.	DATE	DESCRIPTION	BY
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EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATION SHALL REMAIN THE PROPERTY OF MCI COMMUNICATIONS SERVICES INC, BOTH SEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION

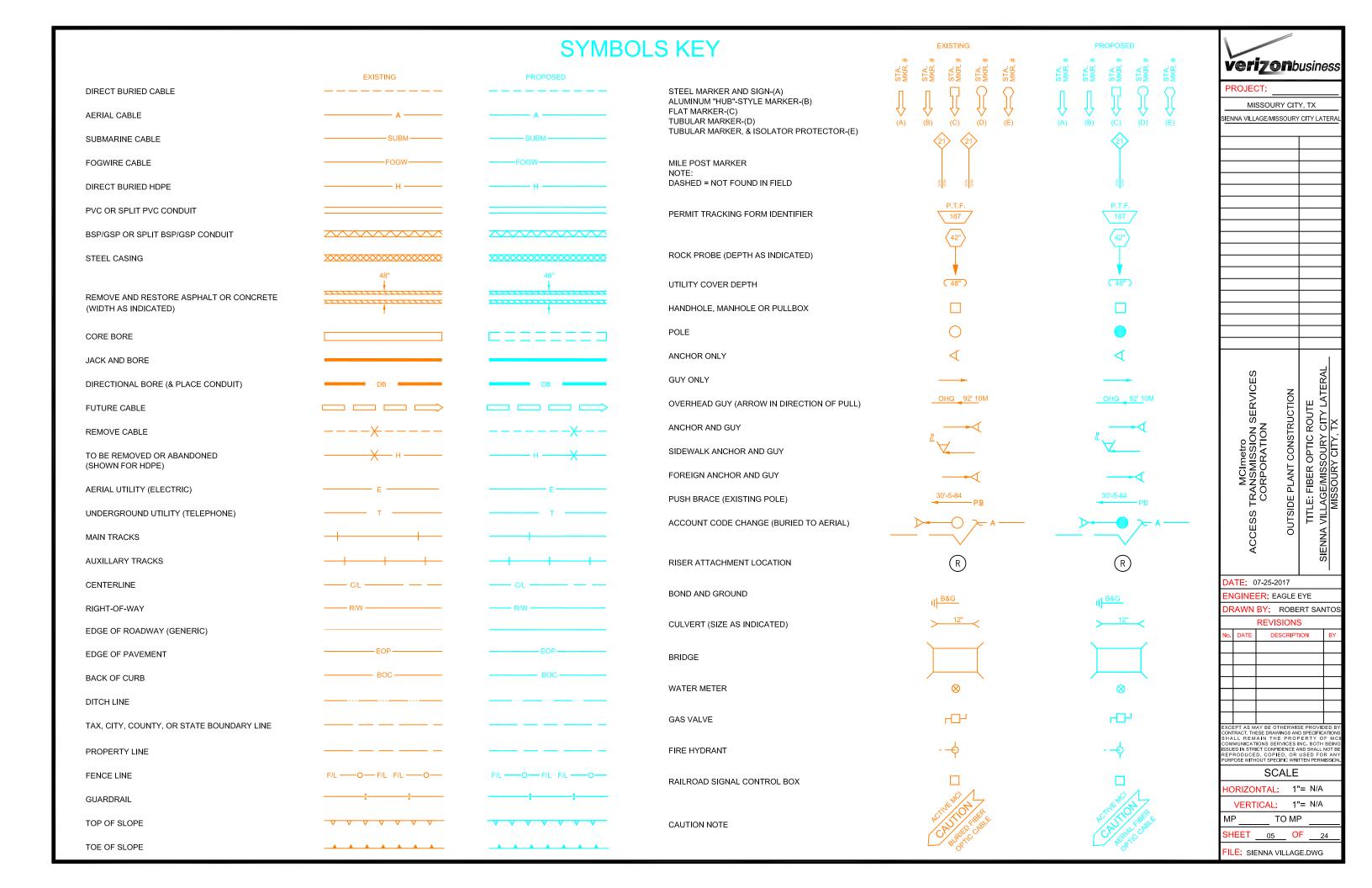
SCALE

HORIZONTAL: 1"= N/A

VERTICAL: 1"= N/A

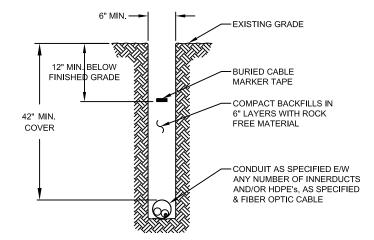
SHEET 4C OF 42

FILE: SIENNA VILLAGE.DWG

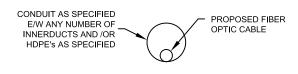


#### **CONSTRUCTION DETAILS**

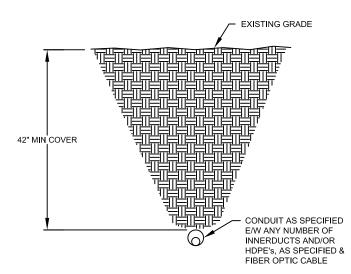
## TYPICAL DETAIL "A" TRENCH & PLACE CONDUIT



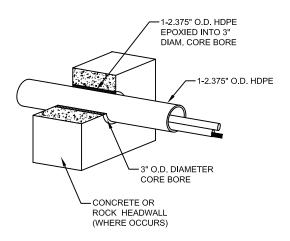
## TYPICAL DETAIL "B" CROSS SECTION OF PROPOSED HDPE



## TYPICAL DETAIL "C" DIRECTIONAL BORE CROSS SECTION FOR CONDUIT



## TYPICAL DETAIL "D" 3" CORE BORE



#### NOTE

EPOXY GROUT IS USED AT BOTH ENDS OF CORE BORE TO SEAL GAP BETWEEN 2.375" CONDUIT AND PVC SLEEVE.

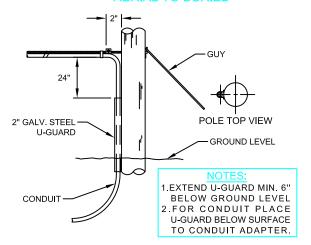
## **verizon**business MISSOURY CITY, TX IENNA VILLAGE/MISSOURY CITY LATERA TITLE: FIBER OPTIC ROUTE SIENNA VILLAGE/MISSOURY CITY LATERAL MCImetro ACCESS TRANSMISSION SERVICES CORPORATION OUTSIDE PLANT CONSTRUCTION ATE: 07-25-2017 NGINEER: EAGLE EYE RAWN BY: ROBERT SANTO REVISIONS DESCRIPTION EXCEPT AS MAY BE OTHERWISE PROVIDED B CONTRACT, THESE DRAWINGS AND SPECIFICATION SHALL REMAIN THE PROPERTY OF MCOMMUNICATIONS SERVICES INC. BOTH BEIN ISSUED IN STRICT CONFIDENCE AND SHALL NOT BEPRODUCED, COPIED, OR USED FOR AN PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION SCALE IORIZONTAL: 1"= N/A VERTICAL: 1"= N/A TO MP 06 OF

FILE: SIENNA VILLAGE.DWG

#### **GENERAL AERIAL CONSTRUCTION DETAILS**

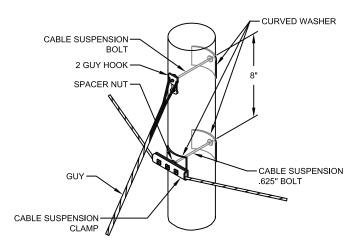
#### TYPICAL DETAIL "A"

#### POLE ARRANGEMENT FOR **AERIAL TO BURIED**



#### TYPICAL DETAIL "D"

#### SUSPENSION STRAND - PULL TOWARD POLE - LESS THAN 5 FEET



#### TYPICAL DETAIL "G"

JOINING 045 LASHING WIRE



#### FORMING WIRE OVER STUD OF CLAMP

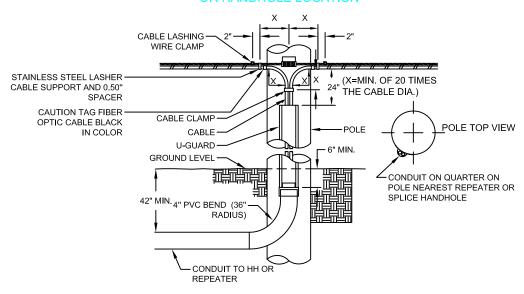
REMOVE ANY SLACK IN THE LASHING WIRE BY MAINTAINING A PULL ON THE WIRE AND TAPPING THE STRAND SHARPLY. THEN FORM THE WIRE OVER THE STUD AND TIGHTEN THE NUT. CUT THE FREE END OF THE LASHING WIRE OFF 0.75" BEYOND THE END OF THE CLAMP.

#### FORMING LASHING WIRE **AROUND STRAND**

FORM THE LASHING WIRE AROUND THE STRAND AND PLACE IT BELOW THE STUD AND BETWEEN THE SECOND WASHER AND STUD SHOULDER.

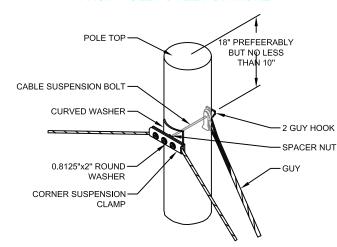
#### TYPICAL DETAIL "B"

#### POLE ARRANGEMENT FOR REPEATER OR HANDHOLE LOCATION



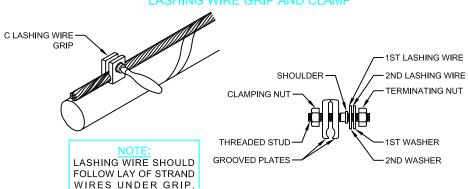
#### TYPICAL DETAIL "E"

#### SUSPENSION STRAND - PULL AWAY FROM POLE - 5 FEET OR MORE



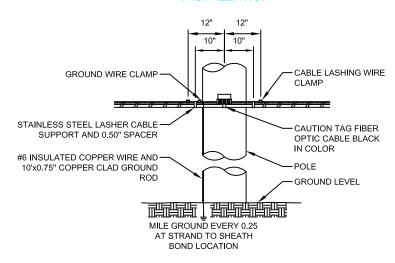
#### TYPICAL DETAIL "H"

#### LASHING WIRE GRIP AND CLAMP



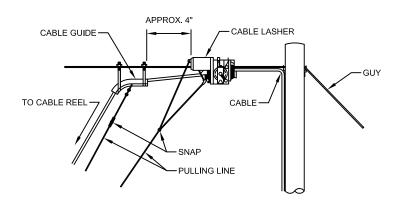
#### TYPICAL DETAIL "C"

#### TYPICAL CABLE & HARDWARE **INSTALLATION**



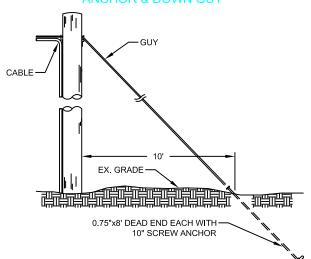
#### TYPICAL DETAIL "F"

#### TYPICAL ARRANGEMENT OF CABLE LASHER AND CABLE GUIDE



#### TYPICAL DETAIL "I"

#### **ANCHOR & DOWN GUY**





MISSOURY CITY, TX SIENNA VILLAGE/MISSOURY CITY LATER

TITLE: FIBER OPTIC ROUTE
VILLAGE/MISSOURY CITY LATERAL
MISSOURY CITY, TX OUTSIDE PLANT CONSTRUCTION

DATE: 07-25-2017

NGINEER: EAGLE EYE RAWN BY: ROBERT SANTOS

**REVISIONS** 

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SCALE ORIZONTAL: 1"= N/A

VERTICAL: 1"= N/A

TO MP

6A ILE: SIENNA VILLAGE.DWG

OF

#### AERIAL IN-LINE SLACK STORAGE DETAILS

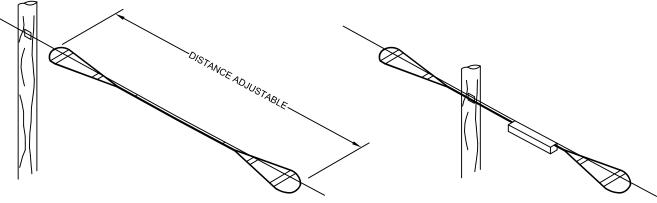


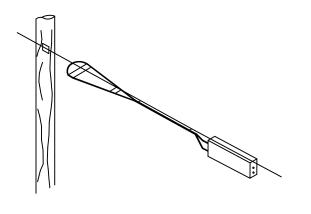
## TYPICAL DETAIL "B" IN-LINE SPLICE APPLICATION

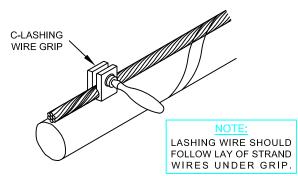


#### TYPICAL DETAIL "D"

LASHING WIRE GRIP AND CLAMP C-LASHING WIRE GRIP INSTALLED ON STRAND



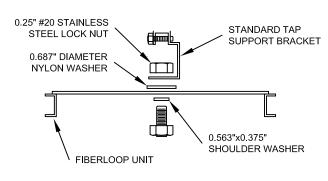


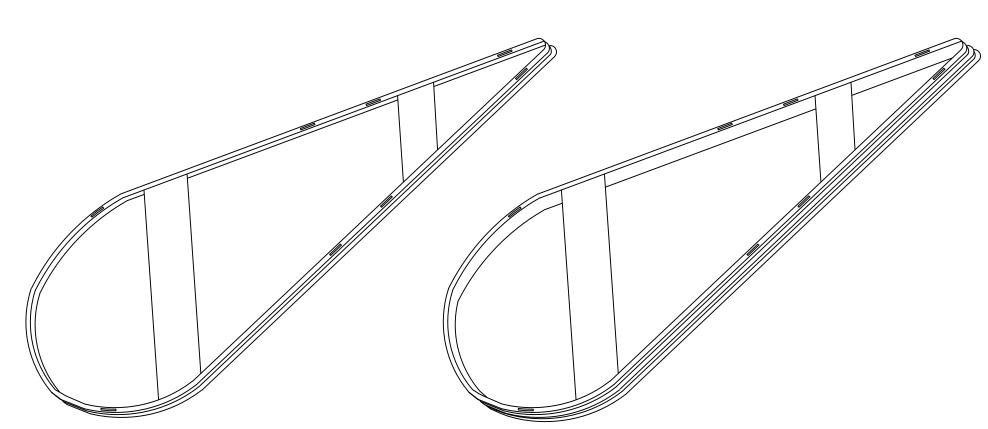


## TYPICAL DETAIL "E" HARDWARE KIT

TYPICAL DETAIL "F"

SINGLE & DOUBLE FIBER LOOPS





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	PROJECT:			
	MISSOU	RY CIT	Y, TX	
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	MCImetro ACCESS TRANSMISSION SERVICES CORPORATION	OUTSIDE PLANT CONSTRUCTION	TITLE: FIBER OPTIC ROUTE	IENNA VILLAGE/MISSOURY CITY LATERAL

DATE:	07-25-2017
ENGIN	NEER: EAGLE EYE

DRAWN BY: ROBERT SANTOS

	REVISIONS					
No.	DATE	DESCRIPTION	BY			

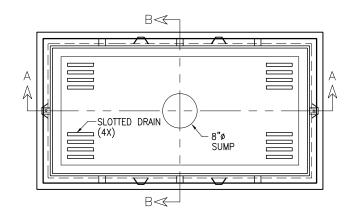
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FILE: SII	ENNA VIL	LAGE.D	<b>W</b> G

#### 30" x 60" x 30" 30K STANDARD HANDHOLE DETAILS

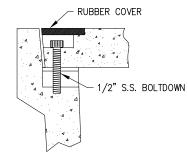
#### DETAIL "A"

LOCKING DEVICE CROSS SECTION

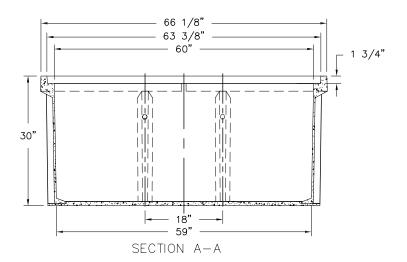


#### DETAIL "B"

FLUSH MOUNT COVER DETAIL

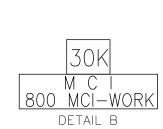


#### FLUSH MOUNT COVER DETAIL



800 MCI-WORK

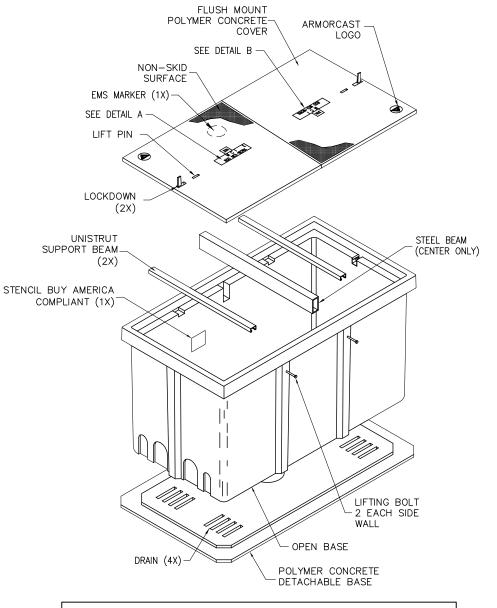
DETAIL A



# 36 1/8" 33 3/8" 30" 4 1/2" KNOCKOUTS 2 EACH END (4X) 5" KNOCKOUTS 1 EACH END (2X) 1 EACH END (2X) SECTION B-B

#### DETAIL "C"

**EXPLODED ISOMETRIC DETAIL** 



#### SEALED PLASTIC BAG PLACED INSIDE VAULT TO CONTAIN

#### ITEM QTY

1 (1) JOHNNY LOCK KEY

(2) S.S. JOHNNY BOLTS W/FLAT WASHER.

3 SHRINK WRAP COVERS TO FRAME FOR PACKAGING.

#### **30K STANDARD HANDHOLE**

30"x60"x30" POLYMER CONCRETE FLUSH MOUNT ASSEMBLY MEETS SCTE/ANSI 77-TIER 22 LOADING CRITERIA ADDITIONAL REQUIREMENTS:
DESIGNED LOAD: 30,000 LBS
MINIMUM FAILURE LOAD: 45,000 LBS

**verizon**business MISSOURY CITY, TX SIENNA VILLAGE/MISSOURY CITY LATER. MCImetro ACCESS TRANSMISSION SERVICES CORPORATION TITLE: FIBER OPTIC ROUTE VILLAGE/MISSOURY CITY LA<sup>-</sup> OUTSIDE PLANT ATE: 07-25-2017

ENGINEER: EAGLE EYE

DRAWN BY: ROBERT SANTO

REVISIONS

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EXCEPT AS MAY BE OTHERWISE PROVIDED B CONTRACT. THESE DRAWINGS AND SPECIFICATION SHALL REMAIN THE PROPERTY OF MC COMMUNICATIONS SERVICES INC. SOTH BEIN ISSUED IN STRICT CONFIDENCE AND SHALL NOT B REPRODUCED, CO PUED, OR USED FOR AN PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION

SCALE

ORIZONTAL: 1"= N/A

VERTICAL: 1"= N/A
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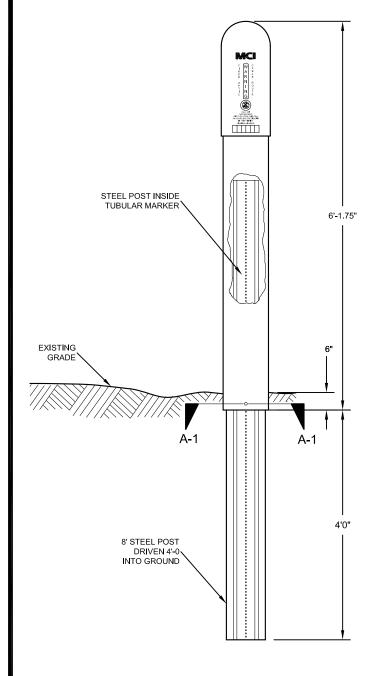
SHEET <u>07</u> OF <u>24</u>

ILE: SIENNA VILLAGE.DWG

#### TUBULAR MARKER DETAILS

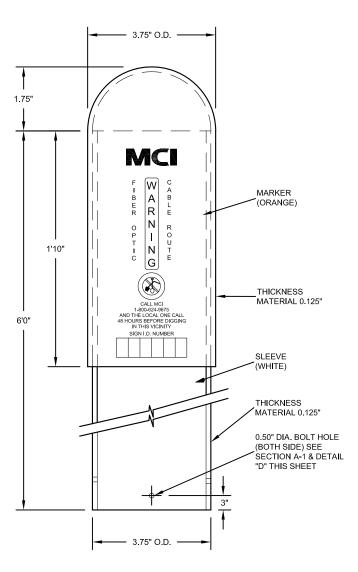
DETAIL "A"

**INSTALLATION VIEW** 



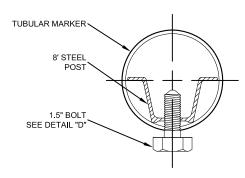
DETAIL "B"

FRONT VIEW



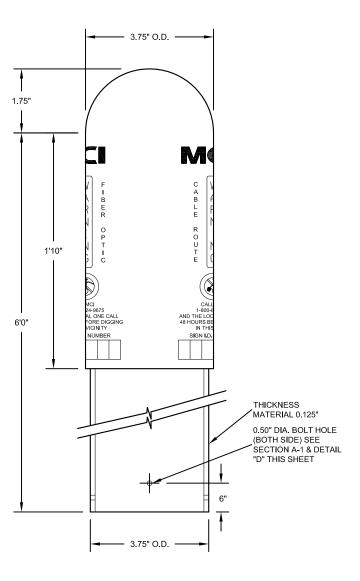
SECTION A-1

TUBULAR MARKER



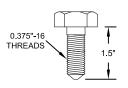
DETAIL "C"

SIDE VIEW



DETAIL "D"

1.5" BOLT



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PROJECT:			
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S <u>IENNA VILLAGE/MI</u>	SSOURY	CITYL	<u>ATERA</u> L
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MCImetro ACCESS TRANSMISSION SERVICES CORPORATION	OUTSIDE PLANT CONSTRUCTION	TITLE: FIBER OPTIC ROUTE	SIENNA VILLAGE/MISSOURY CITY LATERAL MISSOURY CITY, TX
DATE: 07-25-2	2017		ı

No. DATE DESCRIPTION BY

EXCEPT AS MAY BE OTHERWISE PROVIDED B CONTRACT, THESE DRAWINGS AND SPECIFICATION SHALL REMAIN THE PROPERTY OF MICOMMUNICATIONS SERVICES INC. BOTH BEING SITE STRUCT CONFIDENCE AND SHALL NOTE REPRODUCED, COPIED, OR USED FOR AN PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSIO

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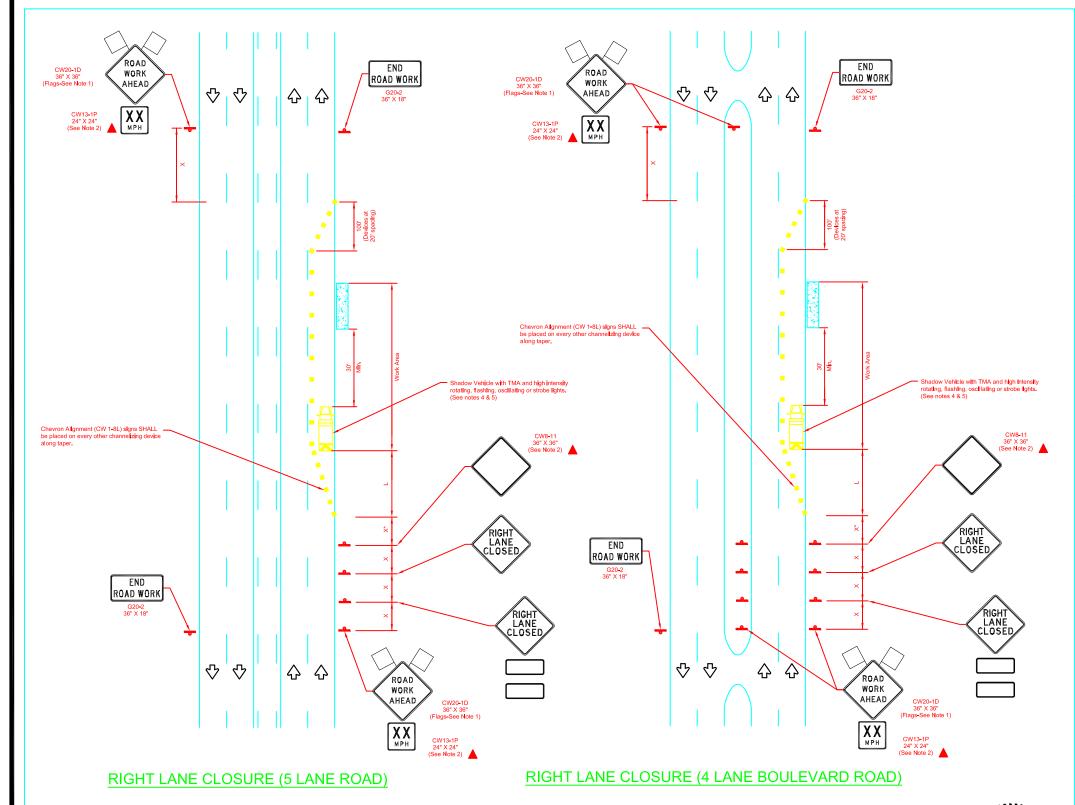
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VERTICAL: 1"= N/A
MP TO MP

SHEET 7A OF 24

FILE: SIENNA VILLAGE. DWG

#### TRAFFIC CONTROL PLAN DETAILS



#### TRAFFIC CONTROL PLAN SECTION SHALL BE COMPLETED BY ENGINEER

ROADWAY	POSTED SPEED	TAPER LENGTH	CHANN	CING ELIZING ICES	SIGN SPACING	BUFFER SPACE
	0		TAPER	TANGENT	0.7.01.10	55
WEST LAKE HOUSTON PKWY.: WILL CLAYTON PKWY. TO UPRR	45 MPH	540'	45'	90'	320'	195'

	LEGE	ΝD	
	Type 3 Barricade		Channelizing Devices
中	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Traller Mounted FlashIng Arrow Board	M	Portable Changeable Message Sign (PCMS)
	Sign	$\Diamond$	Traffic Flow
$\triangle$	Flag	LO	Flagger

Posted Speed *	Formula	Minimum Desirable Taper Lengths "L"			Suggested Maximum Spacing of Channelizing Devices		Minimum Sign SpacIng "X"	Suggested Longitudinal Buffer Space
		10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent	Distance	"B"
30	ws <sup>2</sup>	150'	165'	180'	30'	60'	120'	90'
35		205'	225'	245'	35'	70'	160'	120'
40	60	265'	295'	320'	40'	80'	240'	155'
45		450'	495'	540'	45'	90'	320'	195'
50		500'	550'	600'	50'	100'	400'	240'
55	L=WS	550'	605'	660'	55'	110'	500'	295'
60	L 11/5	600'	660'	720'	60'	120'	600'	350'
65		650'	715'	780'	65'	130'	700'	410'
70		700'	770'	840'	70'	140'	800'	475'
75		750'	825'	900'	75'	150'	900'	540'

Conventional Roads Only Taper lengths have been rounded off.

L=Length of Taper(FT) W=WIdth of Offset(FT) S=Posted Speed(MPH)

GENERAL NOTES

Flags attached to signs where shown are OPTIONAL.
 All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol are OPTIONAL.
 Inactive work vehicles or other equipment should be parked near the right-of-way line and not parked on the

A. A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work, if workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted for the Shadow Vehicle and TMA.

5. Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in

Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
 Contractor shall provide and install traffic control devices in conformance with part VI of Texas Manual on Uniform Traffic Control Devices (TMUTCD - Latest edition with revisions) during construction.
 No lanes shall be blocked from 7am to 9am and 4pm to 6:30pm Monday thru Friday.
 Off duty police officers/flaggers are required to direct traffic when applicable.
 If project is within 400 feet from a signalized intersection, the Contractor shall contact Harris County Engineering Department, Traffic Signal Maintenance at (713) 881-3210 five (5) days prior to the start of construction.

-		 _	

DRAWN BY:		HCED STANDARD
CK'D BY:	SHEET DESCRIPTION:	
SCALE:		SHEET NO:
DATE:	APPROVED BY:	/



MISSOURY CITY, TX

SIENNA VILLAGE/MISSOURY CITY LATERA

ROUTE MCImetro ACCESS TRANSMISSION SERVICES CORPORATION OUTSIDE PLANT CONSTRUCTION TITLE: FIBER OPTIC R A VILLAGE/MISSOURY C

DATE: 07-25-2017

ENGINEER: EAGLE EYE

DRAWN BY: ROBERT SANTOS

REVISIONS

٩o.	DATE	DESCRIPTION	BY

XCEPT AS MAY BE OTHERWISE PROVIDED I CONTRACT, THESE DRAWINGS AND SPECIFICATION HALL REMAIN THE PROPERTY OF ME COMMUNICATIONS SERVICES INC, BOTH OF SSUED IN STRICT CONFIDENCE AND SHALL NOT I CEPPODUCED, COPIED, OR USED FOR URPOSE WITHOUT SPECIFIC WRITTEN PERMISSIC

SCALE

HORIZONTAL: 1"= N/A

VERTICAL: 1"= N/A

MP TO MP

OF 24 SHEET 08

FILE: SIENNA VILLAGE. DWG

NO.	REVISIONS	DATE	NAME
	UPDATED DEPARTMENT NAME & GENERAL NOTES	4/16/15	BSH
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TEO, LLC 5510 Community DRIVE Houston, Texas 77005 281-536-5123 OFFICE 713-668-6334 FAX teollc@gmail.com FIRM # F-8978

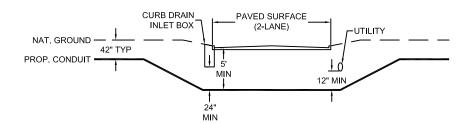


#### ROAD CROSSING DETAILS

#### TYPICAL DETAIL "A" TWO LANE - ASPHALT ROAD - NO CURB

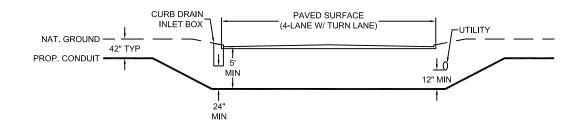
#### PAVED SURFACE \_UTILITY NAT. GROUND -42" TYP PROP. CONDUIT 5' MIN 12" MIN

#### TYPICAL DETAIL "B" TWO LANE - CURBED ROAD



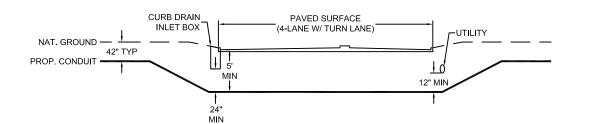
#### TYPICAL DETAIL "C"

#### FOUR LANE (W/ TURN LANE) - CURBED ROAD - NO MEDIAN



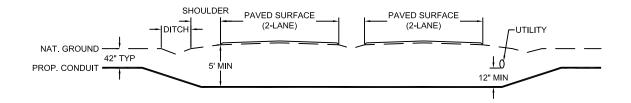
#### TYPICAL DETAIL "D

#### FOUR LANE (W/ TURN LANE) - CURBED ROAD - WITH MEDIAN

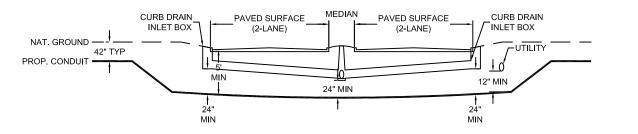


#### TYPICAL DETAIL "E"

#### 4 LANE - SPLIT ASPHALT ROAD - NO CURB



#### TYPICAL DETAIL "F" 4 LANE - SPLIT CURBED ROAD



## verizonbusiness

PROJECT:  MISSOUR  SIENNA VILLAGE/MIS			
•			
SIENNA VILLAGE/MIS	SOURY	CITY	
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MCImetro ACCESS TRANSMISSION SERVICES CORPORATION	OUTSIDE PLANT CONSTRUCTION	TITLE: FIBER OPTIC ROUTE	SIENNA VILLAGE/MISSOURY CITY LATERAL
DATE: 07-25-20	017		

ENGINEER: EAGLE EYE

DRAWN BY: ROBERT SANTO

REVISIONS

DESCRIPTION

SCALE

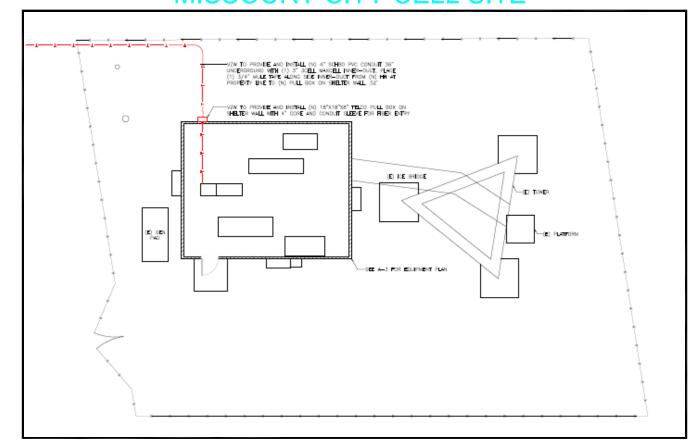
HORIZONTAL: 1"= N/A

1"= N/A VERTICAL: TO MP

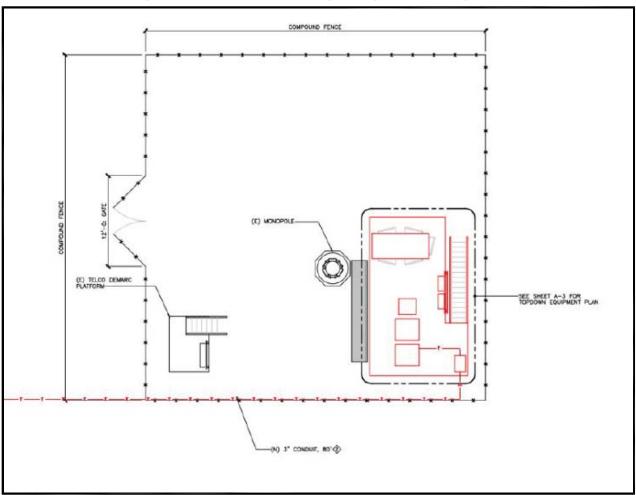
SHEET \_\_08A

FILE: SIENNA VILLAGE.DWG

## MISSOURY CITY CELL SITE CELL SITES DETAILS



#### SIENNA VILLAGE CELL TOWER



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	MCImetro ACCESS TRANSMISSION SERVICES CORPORATION	OUTSIDE PLANT CONSTRUCTION	TITLE: FIBER OPTIC ROUTE	MISSOURY CITY, TX		
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SCALE

HORIZONTAL: 1"= N/A

VERTICAL: 1"= N/A
P TO MP

FILE: SIENNA VILLAGE DWG

SHEET 08B

MISSOURY CITY, TX FORT BEND COUNTY SEE SHEET 10 TO MATCH SURVEY STA. 04+38 03+40 POWER POLE #02 CNP ID: N/A (02) PROP. HT: 15'-7" 1-96F CABLE THOMPSON FERRY EXIST. VZW CONDUIT. SEE SITE PLAN FOR PULL THRU EXISTING SEE SHEET 8B (C-C 10' 1-2" HDPE) VZW (01) TOWER 00+29 PLACE HH & MKR, R LEAVE 100' COIL, 00+39 POWER POLE #01 PROPOSED ANCHOR & DOWN GUY CNP ID: N/A PROP. HT: 14'-7" END CONDUIT, ATTACH RISER, BEGIN AERIAL CABLE, PLACE DOWN GUY & ANCHOR





PROJECT
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MISSOURY CITY, TX IISSOURY CITY/SIENNA VILLAGE LATERA **CLARIFICATION NO** PULL 1-96F CABLE 139' PLACE HANDHOLE PROP. 1-2" HDPE 16' PLACE MARKER OUTSIDE PLANT CONSTRUCTION
TITLE: FIBER OPTIC ROUTE
SIENNA VILLAGE/MISSOURY CITY LATERAL
MISSOURY CITY, TX MCImetro ACCESS TRANSMISSION SERVICES CORPORATION

OATE: 07-25-2017

ENGINEER: EAGLE EYE

DRAWN BY: ROBERT SANTO

DESCRIPTION

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT. THESE DRAWINGS AND SPECIFICATION SHALL REMAIN THE PROPERTY OF ME SHOULD BE SH

SCALE

IORIZONTAL:

!!! CAUTION !!!

PIPELINE SERVICE LINES

THRU THIS AREA HAVE NOT BEEN

VERTICAL:

CALL BEFORE YOU DIG

48 HOURS NOTICE REQUIRED

TO MP

OF \_\_\_24 09

FILE: ECC-MISSOURY CITY

RIGHT OF WAY LINES WERE ESTABLISHED BY RESEARCH OF PUBLIC INFORMATION.

NO BOUNDARY SURVEY OR PROPERTY LINE SURVEY WAS ESTABLISHED BY

RIGHT OF WAY BOUNDARY MUST BE FIELD VERIFIED.

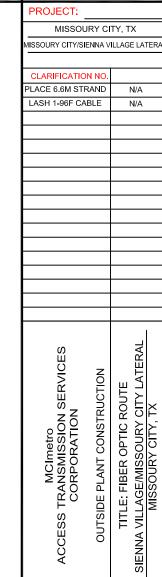
RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

BY A REGISTERED PROFESSIONAL LAND SURVEYOR TO ACCURATELY VERIFY RIGHT OF WAY AND PROPERTY LINES PRIOR TO CONSTRUCTION.

#### MISSOURY CITY, TX FORT BEND COUNTY







DATE: 07-25-2017

ENGINEER: EAGLE EYE

DRAWN BY: ROBERT SANTOS

REVISIONS

D. DATE DESCRIPTION

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SCALE

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VERTICAL:

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48 HOURS NOTICE REQUIRED

!!! CAUTION !!!

PIPELINE SERVICE LINES

THRU THIS AREA HAVE NOT BEEN

IDENTIFIED NOR INDICATED.

IP TO MP

SHEET 10 OF 24

FILE: ECC-MISSOURY CITY

SEE SHEET 11 TO MATCH SURVEY STA. 13+01 12+20 POWER POLE #05 05) CNP ID: N/A PROP. HT: 17'-9" 11+50 POWER POLE #04 CNP ID: N/A PROP. HT: 18'-6" 1-96F CABLE THOMPSON FERRY RD PLACE 100' SLACK LOOP 07+05 POWER POLE #03 (03) CNP ID: N/A PROP. HT: 19'-5" -20'

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTORS

RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

RIGHT OF WAY LINES WERE ESTABLISHED BY RESEARCH OF PUBLIC INFORMATION.

NO BOUNDARY SURVEY OR PROPERTY LINE SURVEY WAS ESTABLISHED BY

RIGHT OF WAY BOUNDARY MUST BE FIELD VERIFIED

BY A REGISTERED PROFESSIONAL LAND SURVEYOR TO ACCURATELY VERIFY

RIGHT OF WAY AND PROPERTY LINES PRIOR TO CONSTRUCTION.

SEE SHEET 9 TO MATCH SURVEY STA. 04+38

MISSOURY CITY, TX FORT BEND COUNTY SEE SHEET 12 TO MATCH SURVEY STA. 21+94 PLACE 100' SLACK LOOP 1-96F CABLE 19+00 POWER POLE #08 CNP ID: N/A PROP. HT: 16'-7" 15+79 POWER POLE #07 CNP ID: N/A 07 THOMPSON FERRY RD PROP HT 20'7" 13+70 POWER POLE #06 CNP ID: N/A PROP. HT: 17'-9" SEE SHEET 10 TO MATCH SURVEY STA. 13+01



MCImetro CCESS TRANSMISSION SERVICES CORPORATION OUTSIDE PLANT CONSTRUCTION TITLE: FIBER OPTIC ROUTE NNA VILLAGE/MISSOURY CITY, TX MISSOURY CITY, TX MISSOURY CITY, TX MISSOURY CITY, TX				
MISSOURY CITY/SIENNA VILLAGE LATERAL  CLARIFICATION NO.  PLACE 6.6M STRAND N/A  LASH 1-96F CABLE N/A	PROJECT:			
CLARIFICATION NO. PLACE 6.6M STRAND N/A LASH 1-96F CABLE N/A	MISSOURY CITY, TX			
PLACE 6.6M STRAND N/A LASH 1-96F CABLE N/A	MISSOURY CITY/SIENNA VILLAGE LATERA			
PLACE 6.6M STRAND N/A LASH 1-96F CABLE N/A				
LASH 1-96F CABLE N/A			NI/A	
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MCImetro CCESS TRANSMISSION SERVICES CORPORATION OUTSIDE PLANT CONSTRUCTION TITLE: FIBER OPTIC ROUTE NNA VILLAGE/MISSOURY CITY LATERAL MISSOURY CITY, TX				
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MCImetro CCESS TRANSMISSION SERVICES CORPORATION OUTSIDE PLANT CONSTRUCTION TITLE: FIBER OPTIC ROUTE NNA VILLAGE/MISSOURY CITY LATERAL MISSOURY CITY, TX				
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MCImetro CCESS TRANSMISSION SERVICES CORPORATION OUTSIDE PLANT CONSTRUCTION TITLE: FIBER OPTIC ROUTE NNA VILLAGE/MISSOURY CITY LATERAL MISSOURY CITY, TX				
	MCImetro ACCESS TRANSMISSION SERVICES CORPORATION	OUTSIDE PLANT CONSTRUCTION	TITLE: FIBER OPTIC ROUTE SIENNA VILLAGE/MISSOURY CITY LATERAL MISSOURY CITY, TX	

DATE: 07-25-2017

ENGINEER: EAGLE EYE

DRAWN BY: ROBERT SANTOS

DESCRIPTION

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT. THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MEINT SHALL REMAIN THE PROPERTY OF MEINT SHALL BY THE STATE OF THE STATE OF

SCALE

HORIZONTAL:

VERTICAL: TO MP

OF \_\_\_\_\_\_\_ SHEET 11

CALL BEFORE YOU DIG 1-800-545-6005 48 HOURS NOTICE REQUIRED FILE: ECC-MISSOURY CITY

!!! CAUTION !!!

PIPELINE SERVICE LINES

THRU THIS AREA HAVE NOT BEEN

IDENTIFIED NOR INDICATED.

RIGHT OF WAY LINES WERE ESTABLISHED BY RESEARCH OF PUBLIC INFORMATION.

NO BOUNDARY SURVEY OR PROPERTY LINE SURVEY WAS ESTABLISHED BY

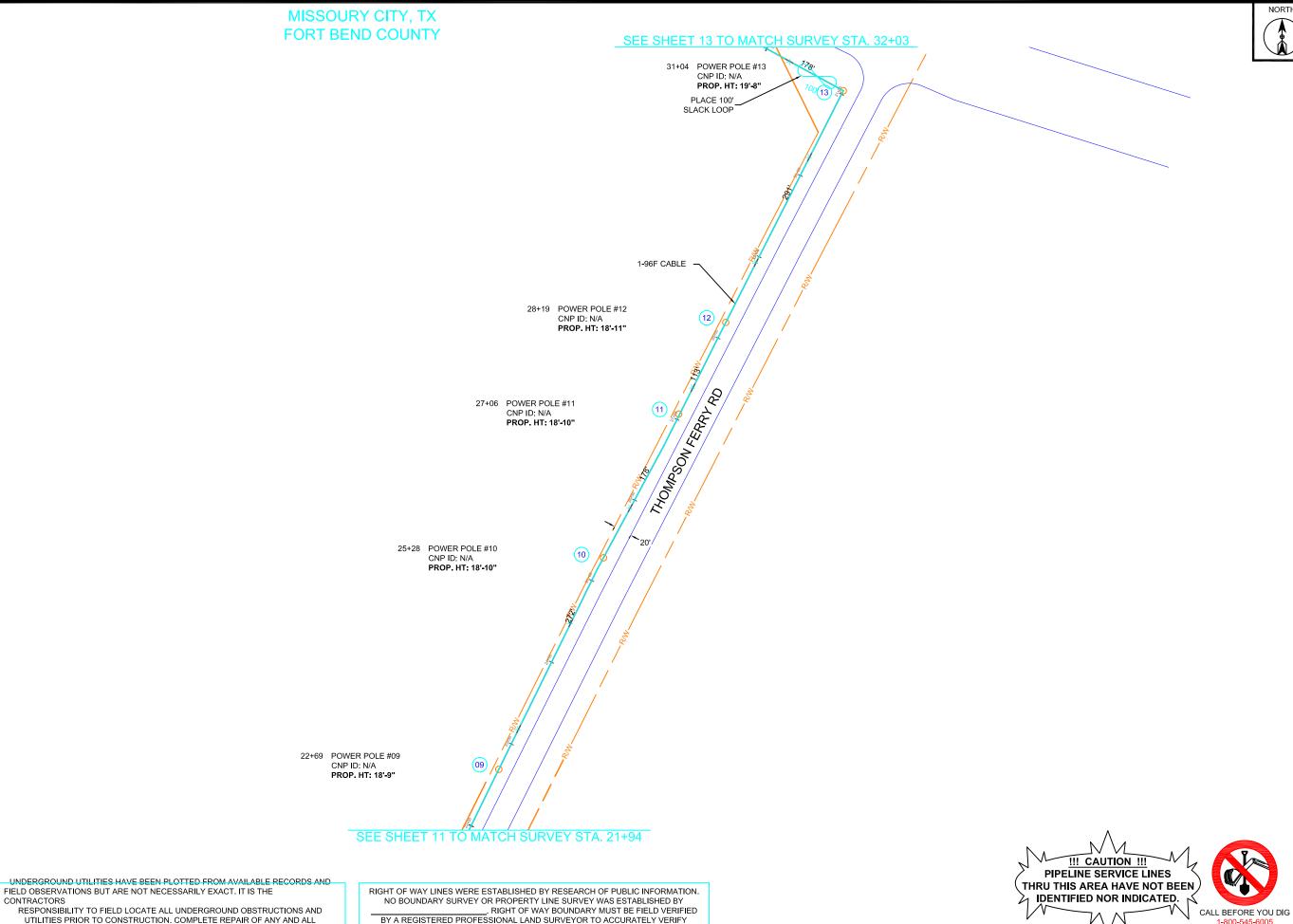
RIGHT OF WAY BOUNDARY MUST BE FIELD VERIFIED.

BY A REGISTERED PROFESSIONAL LAND SURVEYOR TO ACCURATELY VERIFY RIGHT OF WAY AND PROPERTY LINES PRIOR TO CONSTRUCTION.

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE

CONTRACTORS

RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



PROJECT:

verizon

MISSOURY CITY, TX

IISSOURY CITY/SIENNA VILLAGE LATERA

PLACE 6.6M STRAND N/A LASH 1-96F CABLE

N/A

MCImetro ACCESS TRANSMISSION SERVICES CORPORATION OUTSIDE PLANT CONSTRUCTION

TITLE: FIBER OPTIC ROUTE SIENNA VILLAGE/MISSOURY CITY LATERAL MISSOURY CITY, TX

OATE: 07-25-2017

ENGINEER: EAGLE EYE

DRAWN BY: ROBERT SANTOS

DESCRIPTION

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT. THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MEINT SHALL REMAIN THE PROPERTY OF MEINT SHALL BY THE STATE OF THE STATE OF

SCALE

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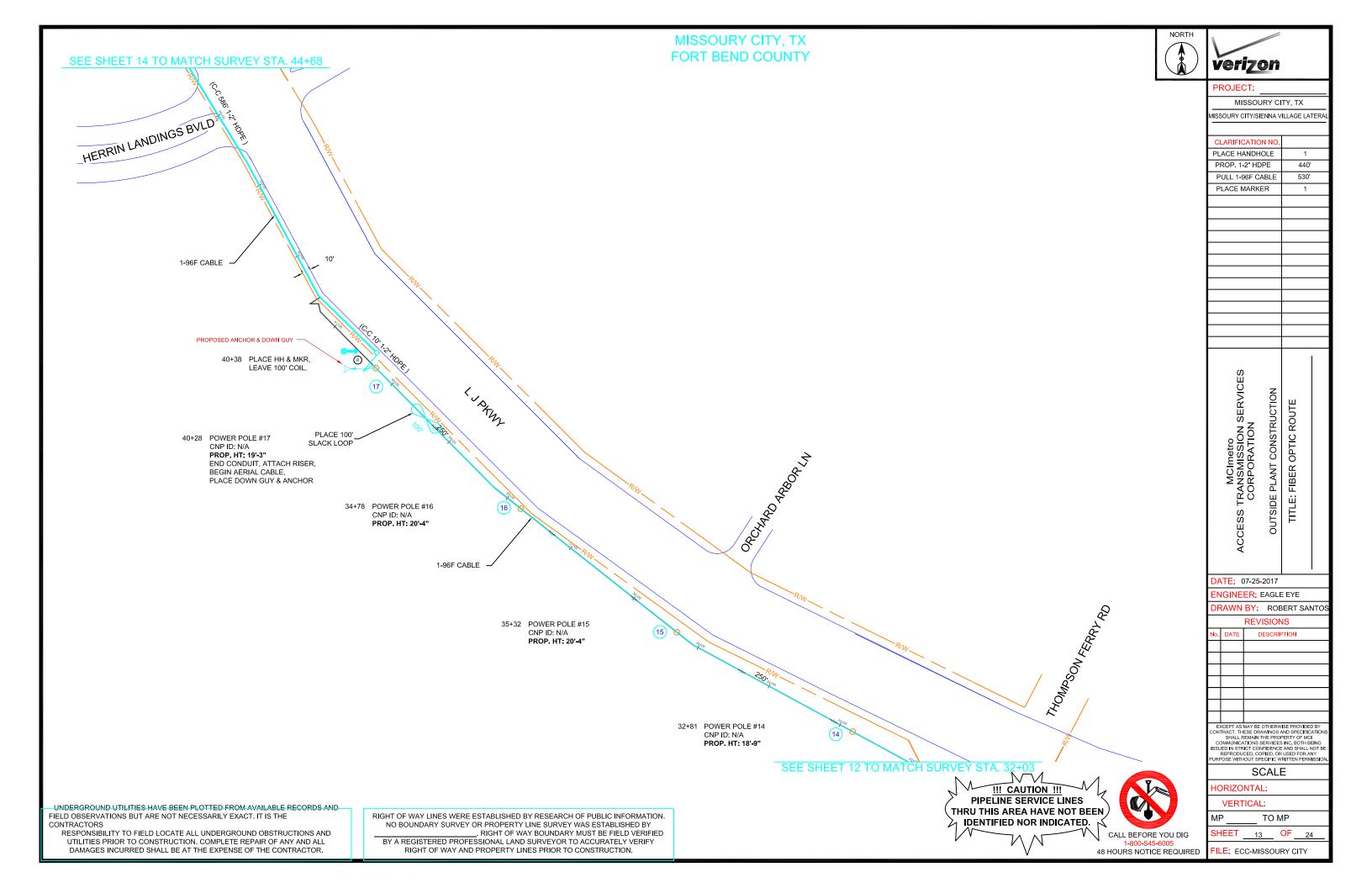
VERTICAL: TO MP

SHEET 12

FILE: ECC-MISSOURY CITY 48 HOURS NOTICE REQUIRED

BY A REGISTERED PROFESSIONAL LAND SURVEYOR TO ACCURATELY VERIFY RIGHT OF WAY AND PROPERTY LINES PRIOR TO CONSTRUCTION.

DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



MISSOURY CITY, TX SEE SHEET 15 TO MATCH SURVEY STA. 54+06 FORT BEND COUNTY 1-96F CABLE -46+24 PLACE HH & MKR, LEAVE 100' COIL, HERRIN LANDINGS BYLD SEE SHEET 13 TO MATCH SURVEY STA. 44+68

RIGHT OF WAY LINES WERE ESTABLISHED BY RESEARCH OF PUBLIC INFORMATION.

NO BOUNDARY SURVEY OR PROPERTY LINE SURVEY WAS ESTABLISHED BY

RIGHT OF WAY BOUNDARY MUST BE FIELD VERIFIED

BY A REGISTERED PROFESSIONAL LAND SURVEYOR TO ACCURATELY VERIFY

RIGHT OF WAY AND PROPERTY LINES PRIOR TO CONSTRUCTION.





PROJECT:			
MISSOU	RY CI	TY, T	X
MISSOURY CITY/SIE	NNA V	ILLAG	E LATER
CLARIFICATIO	NO.		
PLACE HANDH			1
PROP. 1-2" HDI			938'
PULL 1-96F CA		1	038'
PLACE MARK	ER		1
MCImetro ACCESS TRANSMISSION SERVICES CORPORATION	OUTSIDE PLANT CONSTRUCTION	TITLE: FIBER OPTIC ROUTE	SIENNA VILLAGE/MISSOURY CITY LATERAL MISSOURY CITY TX

DATE: 07-25-2017

ENGINEER: EAGLE EYE

DRAWN BY: ROBERT SANTOS

	TO THE PLANT OF THE PERSON OF				
	REVISIONS				
lo.	DATE	DESCRIPTION			

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

	SCALE	
ORIZON	TAL:	
VERTIO	CAL:	
IP	TO MP	

MP \_\_\_\_\_ TO MP SHEET \_\_\_\_\_ OF \_\_\_\_

FILE: ECC-MISSOURY CITY

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE

RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

MISSOURY CITY, TX FORT BEND COUNTY SEE SHEET 16 TO MATCH SURVEY STA. 63+63 62+50 PLACE HH & MKR, LEAVE 100' COIL, HAGERSONRD 1-96F CABLE 54+47 PLACE HH & MKR, LEAVE 100' COIL, SEE SHEET 14 TO MATCH SURVEY STA. !!! CAUTION !!! PIPELINE SERVICE LINES UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE THRU THIS AREA HAVE NOT BEEN RIGHT OF WAY LINES WERE ESTABLISHED BY RESEARCH OF PUBLIC INFORMATION.

NO BOUNDARY SURVEY OR PROPERTY LINE SURVEY WAS ESTABLISHED BY

RIGHT OF WAY BOUNDARY MUST BE FIELD VERIFIED. IDENTIFIED NOR INDICATED. RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL CALL BEFORE YOU DIG BY A REGISTERED PROFESSIONAL LAND SURVEYOR TO ACCURATELY VERIFY 1-800-545-6005 48 HOURS NOTICE REQUIRED DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR. RIGHT OF WAY AND PROPERTY LINES PRIOR TO CONSTRUCTION.

CONTRACTORS

verizon

PROJECT:	
MISSOURY CI	TY, TX
MISSOURY CITY/SIENNA V	ILLAGE LATER
CLARIFICATION NO.	
PLACE HANDHOLE	2
PROP. 1-2" HDPE	957'
PULL 1-96F CABLE	1157'
PLACE MARKER	2
I	

TITLE: FIBER OPTIC ROUTE SIENNA VILLAGE/MISSOURY CITY LATERAL MISSOURY CITY, TX MCImetro ACCESS TRANSMISSION SERVICES CORPORATION OUTSIDE PLANT CONSTRUCTION

DATE: 07-25-2017

ENGINEER: EAGLE EYE

DRAWN BY: ROBERT SANTOS

DESCRIPTION

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT. THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MEING SHALL REMAIN THE PROPERTY OF MEING SUBJECT OF MEING SHALL NOT BE REPRODUCED, OFFICIAL OFFICIAL NOT BE REPRODUCED, OFFICIAL WHITTEN FERRIMSSION URPOSE WITHOUT SPECIFIC WHITTEN FERRIMSSION

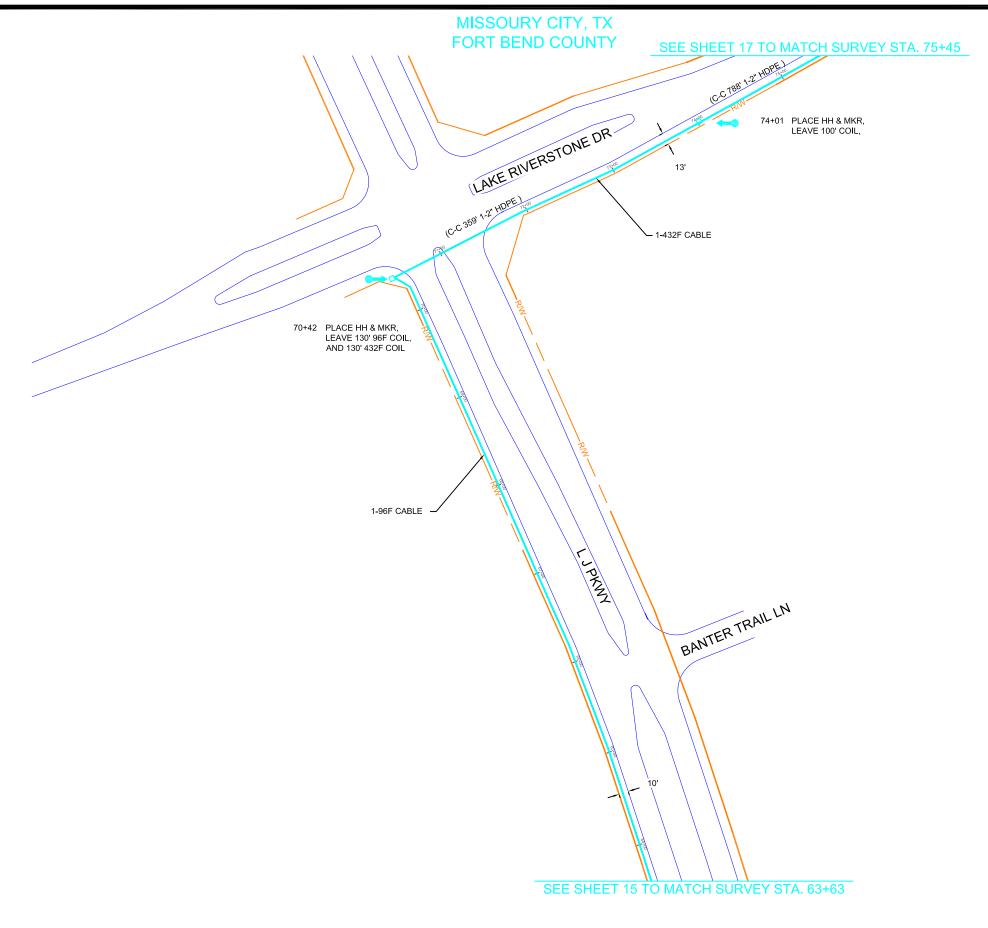
SCALE

HORIZONTAL:

VERTICAL: TO MP

SHEET 15 OF 24

FILE: ECC-MISSOURY CITY







PROJECT:			
MISSOURY CITY, TX			
MISSOURY CITY/SIE	ILLAGE LATERAL		
CLARIFICATION	NO.		
PLACE HANDH		2	
PROP. 1-2" HDF		1182'	
PULL 1-96F CA		809'	
PULL 1-432F CABLE PLACE MARKER		733'	
PLACE WARK	EK		
		ı	
MCImetro ACCESS TRANSMISSION SERVICES CORPORATION	OUTSIDE PLANT CONSTRUCTION	TITLE: FIBER OPTIC ROUTE SIENNA VILLAGE/MISSOURY CITY LATERAL MISSOURY CITY, TX	

DATE: 07-25-2017

ENGINEER: EAGLE EYE

DRAWN BY: ROBERT SANTO

	REVISIONS			
No.	DATE	DESCRIPTION		

EXCEPT AS MAY BE OTHERWISE PROVIDED BY 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, OU ISED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION

SCALE

HORIZONTAL:

!!! CAUTION !!!

PIPELINE SERVICE LINES

THRU THIS AREA HAVE NOT BEEN

IDENTIFIED NOR INDICATED.

VERTICAL: TO MP

16 OF 24 SHEET

1-800-545-6005 48 HOURS NOTICE REQUIRED FILE: ECC-MISSOURY CITY

CALL BEFORE YOU DIG

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE

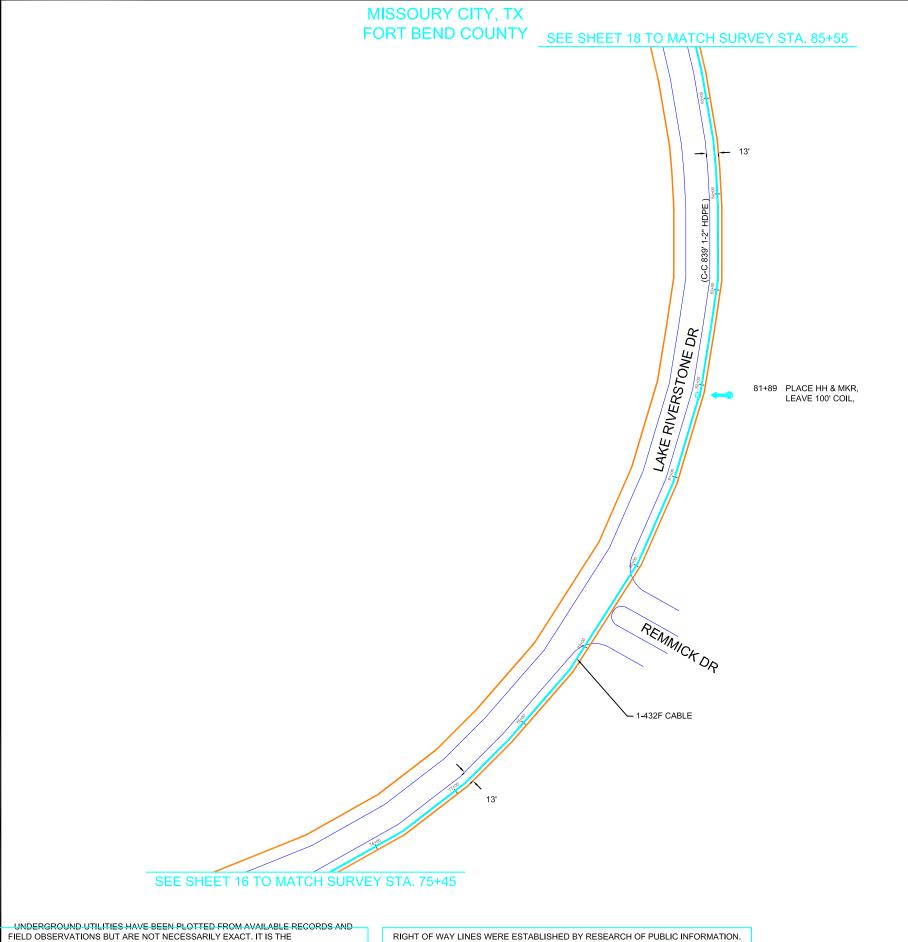
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RIGHT OF WAY LINES WERE ESTABLISHED BY RESEARCH OF PUBLIC INFORMATION.

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RIGHT OF WAY BOUNDARY MUST BE FIELD VERIFIED.

BY A REGISTERED PROFESSIONAL LAND SURVEYOR TO ACCURATELY VERIFY RIGHT OF WAY AND PROPERTY LINES PRIOR TO CONSTRUCTION.







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MISSOURY CITY, TX

IISSOURY CITY/SIENNA VILLAGE LATERA CLARIFICATION NO PLACE HANDHOLE PROP. 1-2" HDPE 1010' PULL 1-432F CABLE 1110' PLACE MARKER TITLE: FIBER OPTIC ROUTE SIENNA VILLAGE/MISSOURY CITY LATERAL MISSOURY CITY, TX MCImetro ACCESS TRANSMISSION SERVICES CORPORATION OUTSIDE PLANT CONSTRUCTION

OATE: 07-25-2017

ENGINEER: EAGLE EYE

DRAWN BY: ROBERT SANTO

REVISIONS						
lo.	DATE	DESCRIPTION				

EXCEPT AS MAY BE OTHERWISE PROVIDED BY ONTRACT, THESE BRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MEIN CONTRACT OF THE SERVICES INC. BOTH BEING SOLIDE IN STRIKET CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY URPOSE WITHOUT SPECIFIC WIFTEN FERMISSION URPOSE WITHOUT SPECIFIC WIFTEN FERMISSION

SCALE

HORIZONTAL:

VERTICAL:

TO MP

SHEET 17 OF 24 FILE: ECC-MISSOURY CITY

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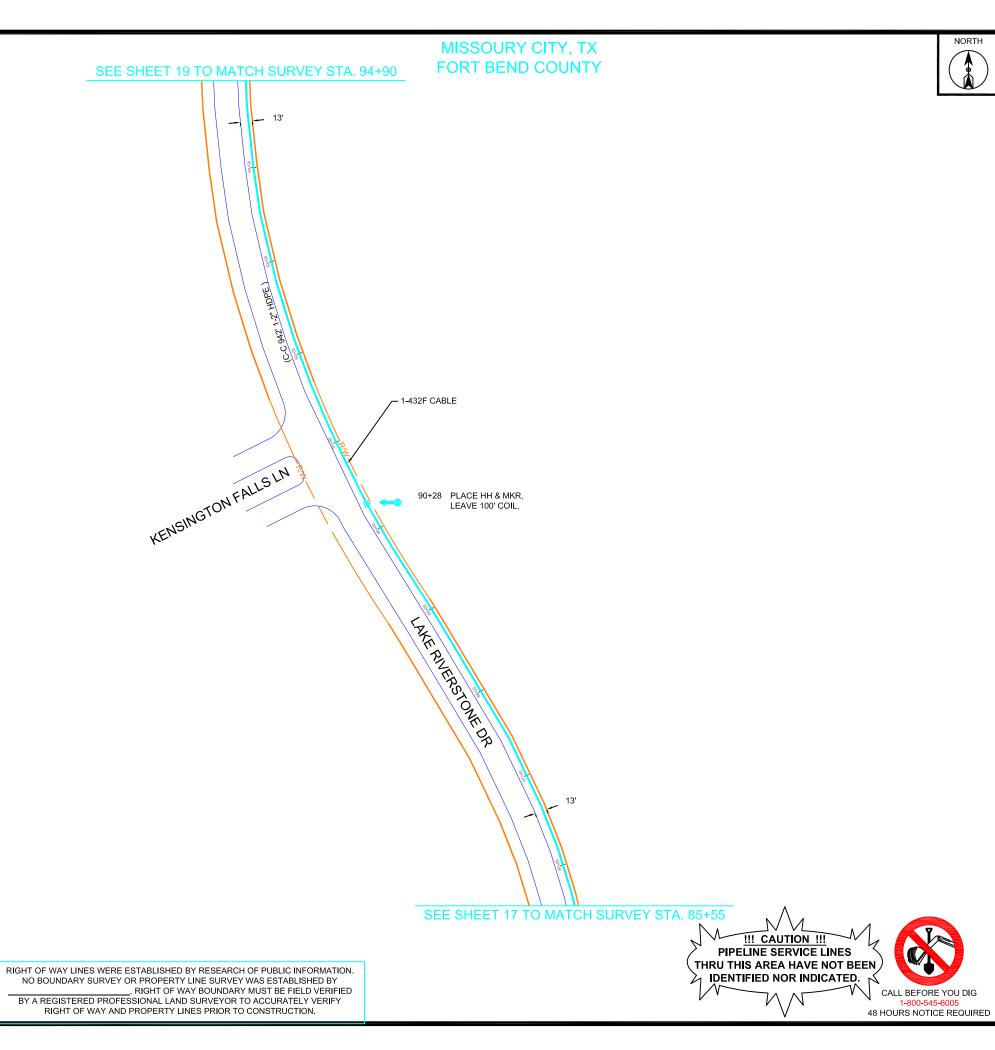
CALL BEFORE YOU DIG 1-800-545-6005 48 HOURS NOTICE REQUIRED

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DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

CONTRACTORS





PROJECT:					
MISSOURY CITY, TX					
MISSOURY CITY/SIEN	NA V	ILLAGI	E LA	TEF	
CLARIFICATION	NO.				
PLACE HANDHO			1		
PROP. 1-2" HDP			935'		
PULL 1-432F CA		1	035	'	
PLACE MARKE	R		1		
MCImetro CESS TRANSMISSION SERVICES CORPORATION	OUTSIDE PLANT CONSTRUCTION	TITLE: FIBER OPTIC ROUTE	NA VILLAGE/MISSOURY CITY LATERAL	MISSOURY CITY, TX	

DATE: 07-25-2017

ENGINEER: EAGLE EYE

DRAWN BY: ROBERT SANTOS

	REVISIONS						
No.	DATE	DESCRIPTION					

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATION. SHALL REMAIN THE PROPERTY OF MEING COMMUNICATIONS SERVICES NC. BOTH BEING ISSUED IN STRICT COMPIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY URFOOSE WITHOUT SPECIFIC WRITTEN PERMISSION

SCALE

HORIZONTAL:

VERTICAL: TO MP

SHEET 18 OF 24

FILE: ECC-MISSOURY CITY

MISSOURY CITY, TX FORT BEND COUNTY SEE SHEET 18 TO MATCH SURVEY STA. 103+65 - 1-432F CABLE R LAKE RIVERSTONE 99+70 PLACE HH & MKR, LEAVE 100' COIL, SEE SHEET 18 TO MATCH SURVEY STA. 94+90 !!! CAUTION !!! PIPELINE SERVICE LINES THRU THIS AREA HAVE NOT BEEN IDENTIFIED NOR INDICATED. CALL BEFORE YOU DIG 1-800-545-6005 48 HOURS NOTICE REQUIRED





	PROJECT:					
	MISSOURY CITY, TX MISSOURY CITY/SIENNA VILLAGE LATER					
	CLARIFICATIO	N NO				
	PLACE HANDI			1		
	PROP. 1-2" HD		8	375'		
	PULL 1-432F C	ABLE	9	975'		
	PLACE MARK	KER		1		
					ı	
	MCImetro ACCESS TRANSMISSION SERVICES CORPORATION	OUTSIDE PLANT CONSTRUCTION	TITLE: FIBER OPTIC ROUTE	SIENNA VILLAGE/MISSOURY CITY LATERAL	MISSOURY CITY, TX	

OATE: 07-25-2017

ENGINEER: EAGLE EYE

DRAWN BY: ROBERT SANTOS

REVISIONS						
No.	DATE	DESCRIPTION				

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SHEET 19 OF 24

FILE: ECC-MISSOURY CITY

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE

CONTRACTORS

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RIGHT OF WAY LINES WERE ESTABLISHED BY RESEARCH OF PUBLIC INFORMATION.

NO BOUNDARY SURVEY OR PROPERTY LINE SURVEY WAS ESTABLISHED BY

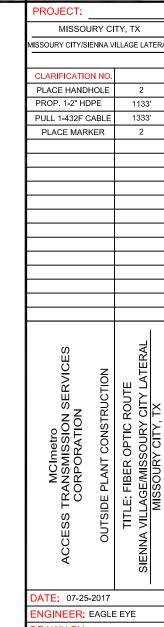
RIGHT OF WAY BOUNDARY MUST BE FIELD VERIFIED

BY A REGISTERED PROFESSIONAL LAND SURVEYOR TO ACCURATELY VERIFY RIGHT OF WAY AND PROPERTY LINES PRIOR TO CONSTRUCTION.

#### MISSOURY CITY, TX FORT BEND COUNTY







DRAWN BY: ROBERT SANTOS

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	REVISIONS							
No.	DATE	DESCRIPTION						

EXCEPT AS MAY BE OTHERWISE PROVIDED BY ONTRACT, THESE BRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MEIN CONTRACT OF THE SERVICES INC. BOTH BEING SOLIDE IN STRIKET CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY URPOSE WITHOUT SPECIFIC WIFITEN FERMISSION URPOSE WITHOUT SPECIFIC WIFITEN FERMISSION.

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!!! CAUTION !!!

PIPELINE SERVICE LINES

THRU THIS AREA HAVE NOT BEEN

IDENTIFIED NOR INDICATED.

VERTICAL: TO MP

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1-800-545-6005 48 HOURS NOTICE REQUIRED FILE: ECC-MISSOURY CITY

SEE SHEET 19 TO MATCH SURVEY STA. 103+65 RIGHT OF WAY LINES WERE ESTABLISHED BY RESEARCH OF PUBLIC INFORMATION.

NO BOUNDARY SURVEY OR PROPERTY LINE SURVEY WAS ESTABLISHED BY

RIGHT OF WAY BOUNDARY MUST BE FIELD VERIFIED. BY A REGISTERED PROFESSIONAL LAND SURVEYOR TO ACCURATELY VERIFY RIGHT OF WAY AND PROPERTY LINES PRIOR TO CONSTRUCTION.

- 1-432F CABLE

LAKE RIVERS TONE DR CC 858 13 HORE

105+97 PLACE HH & MKR,

LEAVE 100' COIL,

114+55 PLACE HH & MKR, LEAVE 100' COIL, CRESCENT VIEW LN

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL

DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

MISSOURY CITY, TX FORT BEND COUNTY SEE SHEET 22 TO MATCH SURVEY STA. 125+14 PROJECT: 124+00 PLACE HH & MKR, LEAVE 100' COIL, IISSOURY CITY/SIENNA VILLAGE LATERA PLACE MARKER 1-432F CABLE MCImetro ACCESS TRANSMISSION SERVICES CORPORATION (C-C 945 T-2" HDPE) !!! CAUTION !!! HORIZONTAL: PIPELINE SERVICE LINES VERTICAL: UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE THRU THIS AREA HAVE NOT BEEN RIGHT OF WAY LINES WERE ESTABLISHED BY RESEARCH OF PUBLIC INFORMATION.

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verizon

MISSOURY CITY, TX

PLACE HANDHOLE PROP. 1-2" HDPE 1016' PULL 1-432F CABLE 1116'

TITLE: FIBER OPTIC ROUTE SIENNA VILLAGE/MISSOURY CITY LATERAL MISSOURY CITY, TX OUTSIDE PLANT CONSTRUCTION

OATE: 07-25-2017

ENGINEER: EAGLE EYE

DRAWN BY: ROBERT SANTOS

DESCRIPTION

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT. THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MEINT SHALL REMAIN THE PROPERTY OF MEINT SHALL BY THE STATE OF THE STATE OF

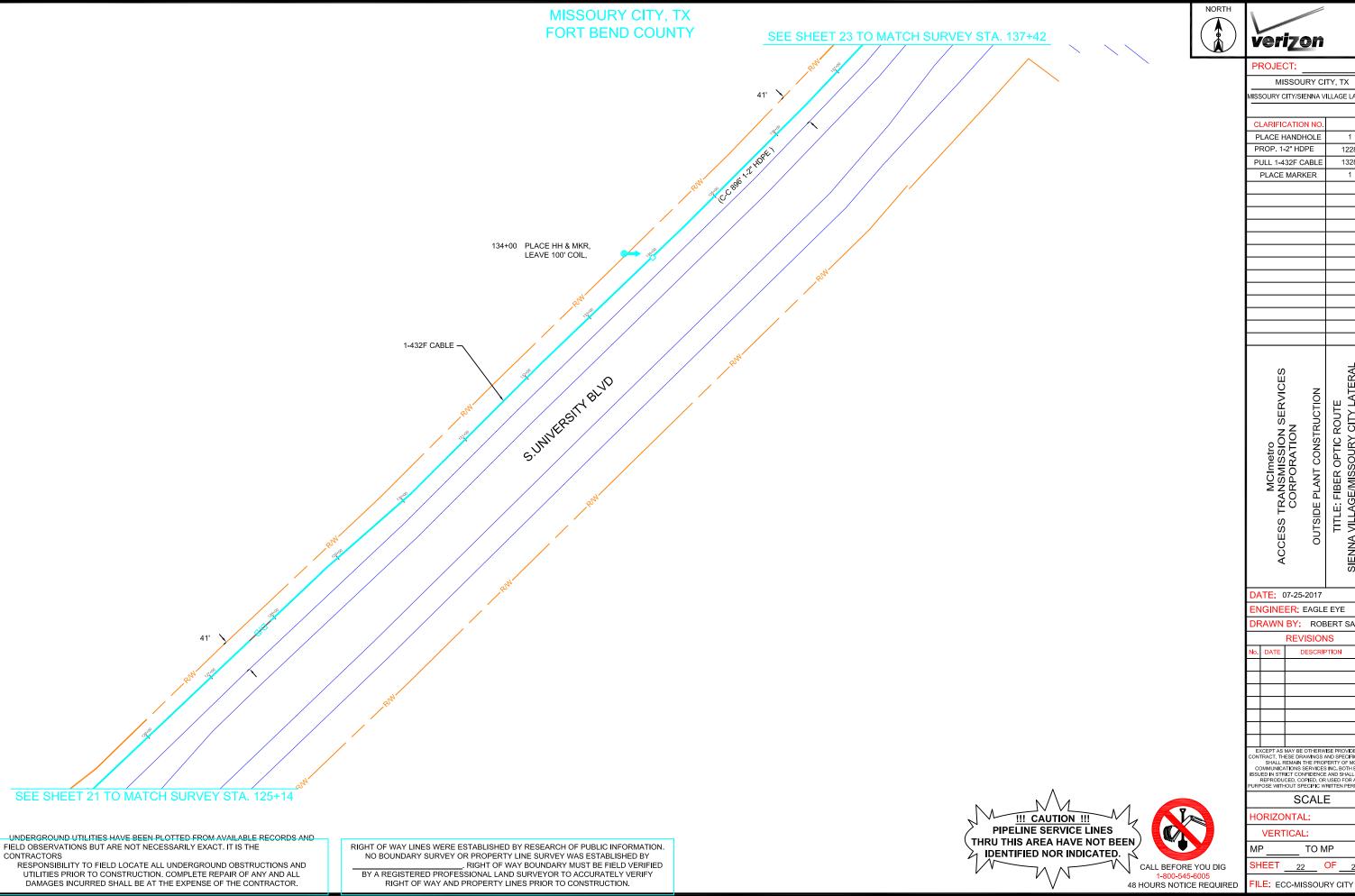
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OF \_\_\_\_\_\_\_\_

FILE: ECC-MISSOURY CITY

RIGHT OF WAY AND PROPERTY LINES PRIOR TO CONSTRUCTION.





PROJECT:	
MISSOURY CI	TY, TX
MISSOURY CITY/SIENNA V	ILLAGE LATER
CLARIFICATION NO.	
PLACE HANDHOLE	1
PROP. 1-2" HDPE	1228'
PULL 1-432F CABLE	1328'
PLACE MARKER	1

OUTSIDE PLANT CONSTRUCTION
TITLE: FIBER OPTIC ROUTE
SIENNA VILLAGE/MISSOURY CITY LATERAL
MISSOURY CITY, TX

DRAWN BY: ROBERT SANTOS

REVISIONS							
Vo.	o. DATE DESCRIPTION						

EXCEPT AS MAY BE OTHERWISE PROVIDED BY ONTRACT, THESE BRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MEIN CONTRACT OF THE SERVICES INC. BOTH BEING SOLIDE IN STRIKET CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY URPOSE WITHOUT SPECIFIC WIFITEN FERMISSION URPOSE WITHOUT SPECIFIC WIFITEN FERMISSION.

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OF \_\_\_\_\_\_\_

MISSOURY CITY, TX FORT BEND COUNTY SEE SHEET 24 TO MATCH SURVEY STA. 147+43 1-432F CABLE -142+96 PLACE HH & MKR, LEAVE 100' COIL, SEE SHEET 22 TO MATCH SURVEY STA. 137+42 !!! CAUTION !!! PIPELINE SERVICE LINES THRU THIS AREA HAVE NOT BEEN UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR. RIGHT OF WAY LINES WERE ESTABLISHED BY RESEARCH OF PUBLIC INFORMATION.

NO BOUNDARY SURVEY OR PROPERTY LINE SURVEY WAS ESTABLISHED BY

RIGHT OF WAY BOUNDARY MUST BE FIELD VERIFIED IDENTIFIED NOR INDICATED. CALL BEFORE YOU DIG BY A REGISTERED PROFESSIONAL LAND SURVEYOR TO ACCURATELY VERIFY 1-800-545-6005
48 HOURS NOTICE REQUIRED FILE: ECC-MISSOURY CITY RIGHT OF WAY AND PROPERTY LINES PRIOR TO CONSTRUCTION.



PROJECT:						
MISSOURY CITY, TX						
MISSOURY CITY/SIENN	IA VI	LLAGE LAT	ΓER			
CLARIFICATION N	Ю.					
PLACE HANDHOL	.E	1				
PROP. 2-2" HDPE	$\rightarrow$	1001				
PULL 1-432F CABI	$\rightarrow$	1101	'			
PLACE MARKER	₹	1				
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MCImetro ACCESS TRANSMISSION SERVICES CORPORATION	OUISIDE PLANI CONSTRUCTION	TITLE: FIBER OPTIC ROUTE				

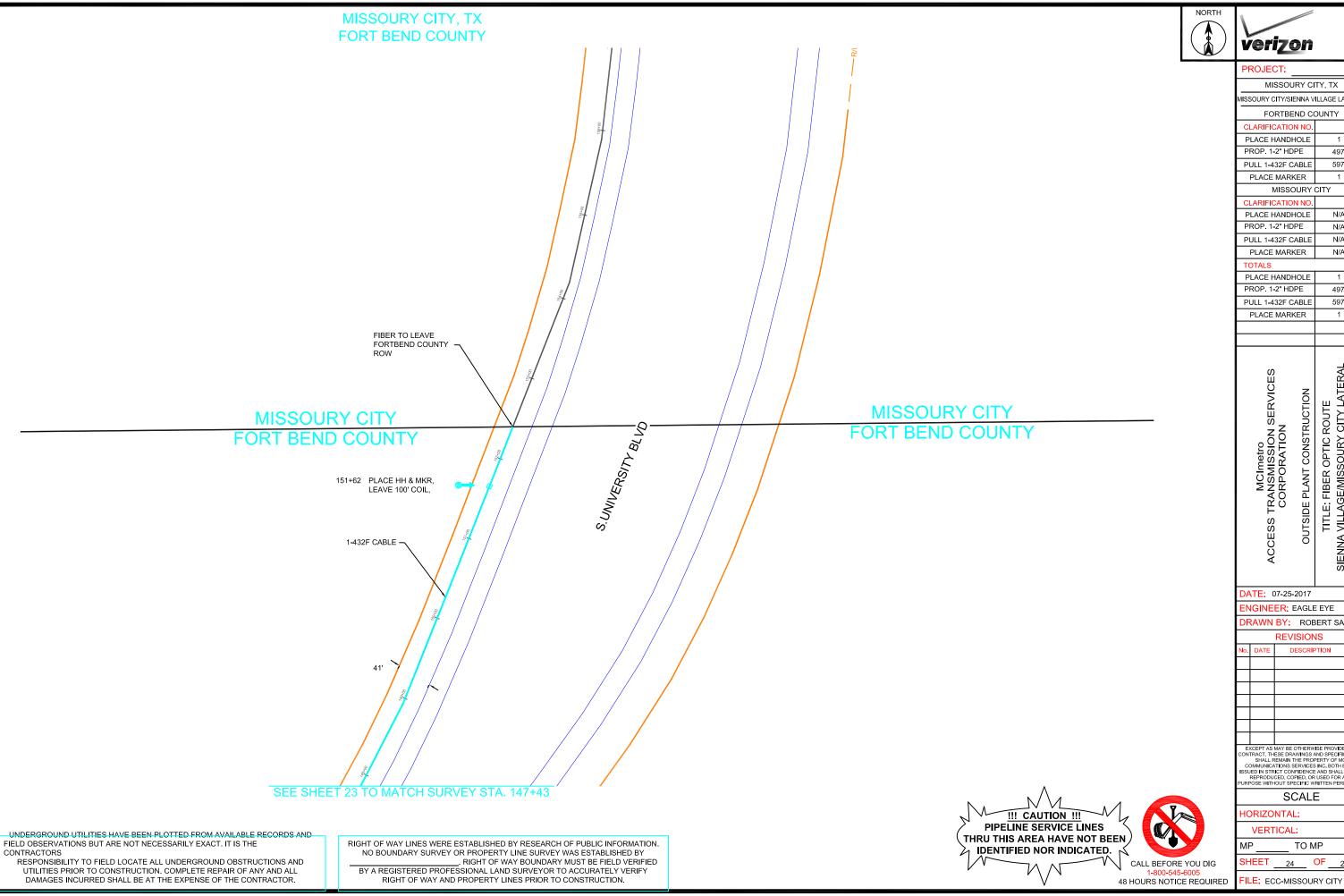
DATE: 07-25-2017

ENGINEER: EAGLE EYE DRAWN BY: ROBERT SANTOS

DESCRIPTION

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS HALL REMAIN THE PROPERTY OF MC COMMUNICATIONS SERVICES INC. BOTH BEING SOLED IN STRICT CONFIDENCE AND SHALL NOT BIT SERVICES INC. BOTH SEIN CONFIDENCE AND SHALL NOT BIT SHOULD CONFIDENCE AND SHALL NOT BIT SHOULD SHOULD SHOULD FOR ANY EXPROSE WITHOUT SPECIFIC WRITTEN PERIMISSION

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	HORIZONTAL: VERTICAL:						
	MP	TO MP					
	SHEET	23	24				





MISSOURY CITY, TX IISSOURY CITY/SIENNA VILLAGE LATER FORTBEND COUNTY CLARIFICATION NO PLACE HANDHOLE PROP. 1-2" HDPE 497' PULL 1-432F CABLE 597' PLACE MARKER MISSOURY CITY PLACE HANDHOLE N/A PROP. 1-2" HDPE N/A PULL 1-432F CABLE N/A PLACE MARKER N/A PLACE HANDHOLE PROP. 1-2" HDPE 497' PULL 1-432F CABLE 597' PLACE MARKER OUTSIDE PLANT CONSTRUCTION
TITLE: FIBER OPTIC ROUTE
SIENNA VILLAGE/MISSOURY CITY LATERAL
MISSOURY CITY, TX

ENGINEER: EAGLE EYE

DRAWN BY: ROBERT SANTOS

DESCRIPTION

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT. THESE DRAWINGS AND SPECIFICATION SHALL REMAIN THE PROPERTY OF ME SHOULD BE SH

SCALE

TO MP

24 OF 24

#### Velasquez, Courtney

From:

Edgar Santos <eagleeyepandd@gmail.com>

Sent:

Tuesday, August 08, 2017 2:09 PM

To:

Velasquez, Courtney

Cc:

Mallamace, AJ; Warren Hardy

Subject:

Re: FW: Permit 2017-15332 - LJ Parkway

#### Good afternoon,

Will an E-mail do from us that we understand Thompson Ferry Road is not getting permitted form FBC. In that section of the project we are getting CPE permits to attach to their poles. No underground permit is needed there.

#### Edgar Santos

Eagle Eye Permitting & Design, LLC

3622 Rowlock Vine Dr

Houston TX 77084

Cell(832) 782-2136

On Tue, Aug 8, 2017 at 1:27 PM, Velasquez, Courtney < Courtney. Velasquez@fortbendcountytx.gov > wrote:

Thank you. Just in case the attachments did not make it to all the individuals, I have included the 2 example maps that were on the original email.

#### **Courtney Velasquez**

#### **Clerk III**

#### **Fort Bend County Engineering**

301 Jackson St., Suite 401 | Richmond, TX 77469

Email: Courtney. Velasquez@fortbendcountytx.gov

Phone: 281-633-7516

From: Mallamace, AJ [mailto:aurelio.mallamace@ervincable.com]

Sent: Tuesday, August 08, 2017 12:54 PM

**To:** Velasquez, Courtney; Warren Hardy; Edgar Santos **Subject:** Re: FW: Permit 2017-15332 - LJ Parkway

+Warren Hardy

I have added in the individuals that should be included on this correspondence.

On Tue, Aug 8, 2017 at 11:41 AM, Velasquez, Courtney < Courtney. Velasquez@fortbendcountytx.gov > wrote:

The email below was returned as undeliverable. Please let me know if I have reached the correct person in reference to this Permit.

From: Velasquez, Courtney

Sent: Tuesday, August 08, 2017 11:10 AM

To: 'edgarsantos@standadtel.net'

Cc: Garza, Casandra

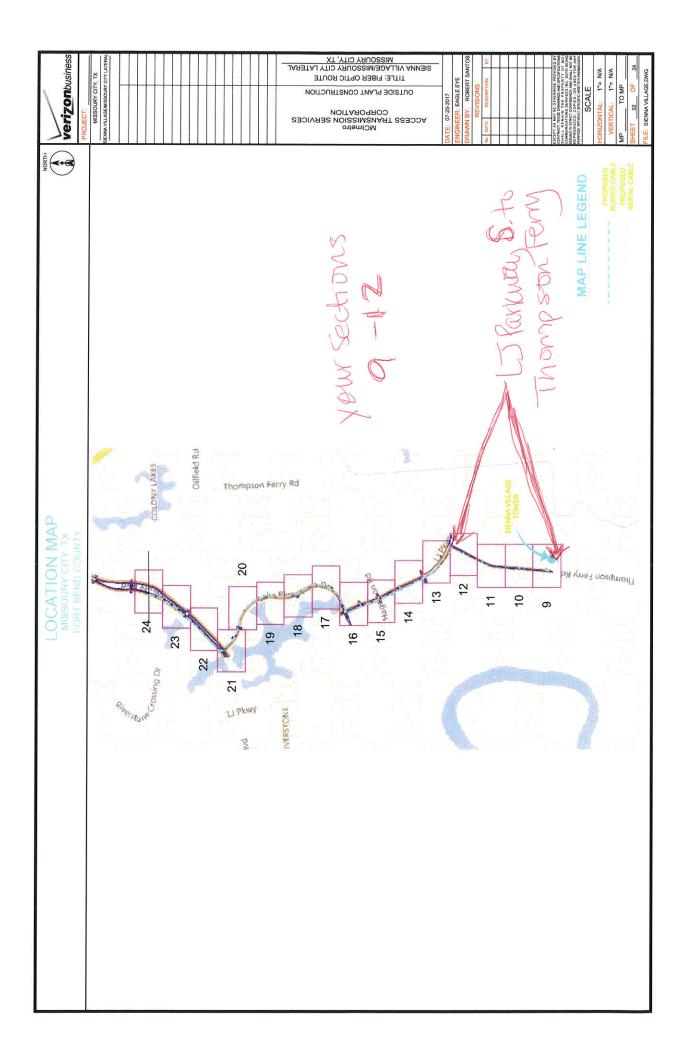
Subject: Permit 2017-15332 - LJ Parkway

Mr. Santos,

We have some questions on the above referenced Permit you have requested. There is a portion on your map that is not FBC maintained roads. I have attached 2 maps to indicate the area we are referring to. We can only approve the portion owned/maintained by FBC.

You can either redo your map excluding Thompson Ferry Road or send us something in writing acknowledging that you understand we are only approving the FBC portion of the map and that your office will obtain approval from the owner before proceeding with any work in that location.

The only other request on this is that you coordinate with any existing utilities in the area.





LJPKWY

The Green indicates FBC Maintained Road.)