


WEST RING: HUB WEST RING EAST
TO
NA CLMASC 1333 MAIN ST BOUNDARY
I-20 CONTROLLED ACCESS
RICHLAND COUNTY, SC
PROJECT: CONSTRUCTION

	DATE:	PROJECT PHASE:	DESCRIPTION:		CONSTRUCTION NOTE:	LOCATION:	MCI		PROJECT CODE:	TITLE:
	3/22/2018	DESIGN	PERMIT			NA MSTO COLUMBIA	METRO ACCESS TRANSMISSION SERVICES CORP.		1710A1EE.24	WR HUB EAST TO NA CLMASC 1333 MAIN ST BOUNDARY
		AS-BUILT					OUTSIDE PLANT CONSTRUCTION			
		REVISED								
		REVISED(2)								
	DRAFTED BY: A. BROWN			ENGINEER(S): T. LANCASTER		SCALE:	HORIZONTAL: NTS VERTICAL: NTS	INFORMATION ON THIS DOCUMENT IS PROPRIETARY AND SHALL NOT BE USED, COPIED, REPRODUCED OR DISCLOSED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT	JOB NO: FSC38	DWG NO: 1 OF 15

CONTACT LIST AND REQUIRED PERMITS



OUTSIDE PLANT ENGINEERING

MANAGER: THOMAS LANCASTER (980) 285-3016
PROJECT MANAGER: ED HARRIS (704) 868-8580
PROJECT ENGINEER: ROSS BRADLEY (980) 285-3035
INSPECTOR: TBD

OUTSIDE PLANT CONSTRUCTION CONTRACTOR:

PROJECT SUPERVISOR: TBD
FIELD CONST. SUPERINTENDENT: TBD
MANAGER: TBD

CITY GOVERNMENT: COLUMBIA, SC

CITY OF COLUMBIA - PLANNING & DEVELOPMENT SERVICES 803-545-3400

COUNTY GOVERNMENT

RICHLAND COUNTY ENGINEERING DIVISION 803-576-2420

STATE OF SOUTH CAROLINA GOVERNMENT

PERMIT MANAGER KARA WEBER 803-786-0128
PERMIT MANAGER MANUEL J ZAMBRANA-BROOKS 803-786-0128

SOUTH CAROLINA DEPARTMENT OF PUBLIC SAFETY

HIGHWAY PATROL TELECOMMUNICATIONS 803-896-9621
ADDRESS: 10311 WILSON BLVD, BLYTHEWOOD, SC 29016

SOUTH CAROLINA HIGHWAY PATROL 803-896-7920
ADDRESS: 10311 WILSON BLVD, BLYTHEWOOD, SC 29016

STATE TRANSPORT POLICE 803-896-5500
ADDRESS: 10311 WILSON BLVD, BLYTHEWOOD, SC 29016

BUREAU OF PROTECTICE SERVICES 803-896-5442
ADDRESS: 10311 WILSON BLVD, BLYTHEWOOD, SC 29016

RAILROADS

CSX (904) 359-3100
NORFOLK SOUTHERN (AECOM) (404) 962-5751 OR (864) 878-3581

SOUTH CAROLINA ONE CALL
CALL BEFORE YOU DIG

811 OR
1-888-721-7877

UTILITIES

ELECTRIC:
SOUTH CAROLINA ELECTRIC & GAS COMPANY (SCE&G) (800) 251-7234
CENTRAL ELECTRIC POWER COOPERATIVE 864-242-6350
MID-CAROLINA ELECTRIC COOPERATIVE 803-749-5056
TRI-COUNTY ELECTRIC COOPERATIVE 803-874-1215

GAS:
SOUTH CAROLINA ELECTRIC & GAS COMPANY (SCE&G) (800) 251-7234

CABLE TV:

TIME WARNER CABLE 803-252-2253
AT&T U-VERSE (888) 757-6500

TELEPHONE:
HUGHESNET (877) 286-2406
BELL SOUTH (BUS) 864-780-2800

WATER/SEWER:

RICHLAND COUNTY UTILITIES 803-401-0050
CAROLINA WATER SERVICE, INC. (800) 272-1919

OTHER

REQUIRED PERMITS:

SCDOT- Controlled Access



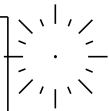
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	REVISED(2)	
DRAFTED BY: A. BROWN		ENGINEER(S): T. LANCASTER

CONSTRUCTION NOTE:

LOCATION:	NA MSTO COLUMBIA
SCALE:	HORIZONTAL: NTS VERTICAL: NTS

MCI METRO ACCESS TRANSMISSION SERVICES CORP. OUTSIDE PLANT CONSTRUCTION	
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PROJECT CODE: 1710A1EE.24	TITLE: WR HUB EAST TO NA CLMASC 1333 MAIN ST BOUNDARY
JOB NO: FSC38	DWG NO: 2 OF 15



GENERAL NOTES / ADDENDUM NOTES

1. THE CONTRACTOR IS REQUIRED TO HAVE ALL BELOW GROUND UTILITIES LOCATED BY LOCATE SERVICES AND/OR POT HOLED FOR DEPTH. 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.

2. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS AND SHALL OBTAIN ALL NECESSARY FEDERAL, STATE, AND LOCAL ENVIRONMENTAL PERMITS, INCLUDING BUT NOT LIMITED TO, THOSE RELATED TO SEDIMENT CONTROL, STORMWATER, WETLAND, STREAMS, ENDANGERED SPECIES, AND HISTORICAL SITES.

3. TRENCHING, BORE PITS, AND/OR OTHER EXCAVATIONS SHALL NOT BE LEFT OPEN OR UNSAFE OVERNIGHT. THE CONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS AND PROVIDE A COMPETENT PERSON ON SITE TO SUPERVISE EXCAVATION AT ALL TIMES.

4. ALL FILL AREAS/BACKFILL SHALL BE COMPACTED TO 95% DENSITY IN ACCORDANCE WITH AASHTO T99 AS MODIFIED BY THE SCDOT. ALL MATERIAL TO A DEPTH OF 8 INCHES BELOW THE FINISHED SURFACE OF THE SUBGRADE SHALL BE COMPACTED TO DENSITY EQUAL TO AT LEAST 100% OF THAT OBTAINED BY COMPACTING A SAMPLE OF THE MATERIAL IN ACCORDANCE WITH AASHTO T99.

5. VEGETATIVE COVER SHALL BE ESTABLISHED ON ALL DISTURBED AREAS INACCORDANCE WITH THE RECOMMENDATIONS OF THE DIVISION ROADSIDE ENVIRONMENTAL ENGINEER.

6. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE SCDOT STANDARDS AND SPECIFICATIONS MANUALS.

7. ANY DRAINAGE STRUCTURE DISTURBED OR DAMAGED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AS DIRECTED BY THE DISTRICT ENGINEER.
8. ALL DRIVEWAYS ALTERED DURING CONSTRUCTION SHALL BE RETURNED TO A STATE COMPARABLE WITH THE CONDITION OF THE DRIVEWAYS PRIOR TO CONSTRUCTION.

9. RIGHT OF WAY MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE REFERENCED BY A REGISTERED LAND SURVEYOR AND RESET AFTER CONSTRUCTION AT THE EXPENSE OF THE CONSTRUCTION CONTRACTOR.

10. PROPER TRAFFIC CONTROL DEVICES, SIGNS, ETC., SHALL BE INSTALLED TO ENSURE PUBLIC SAFETY IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND ANY SUPPLEMENTS THERETO AND SCDOT ROADWAY STANDARD DRAWINGS.

11. ALL LANES OF TRAFFIC ARE TO BE OPEN DURING THE HOURS OF 6:00 A.M. TO 9:00 A.M. AND FROM 4:00 P.M. TO 7:00 P.M. MONDAY THRU FRIDAY. TWO WAY TRAFFIC WILL BE MAINTAINED AT ALL TIMES; UNLESS OTHERWISE NOTED BY TRAFFIC CONTROL DIAGRAMS.

12. INGRESS AND EGRESS SHALL BE MAINTAINED TO ALL BUSINESSES AND DWELLINGS AFFECTED BY THE PROJECT.

13. NO MATERIAL STORAGE SHALL BE ALLOWED ALONG THE SHOULDERS OF ANY ROADWAY. DURING NON-WORKING HOURS, EQUIPMENT SHALL BE REMOVED FROM THE RIGHT OF WAY.

14. ALL ROADWAY SIGNS THAT ARE REMOVED DUE TO CONSTRUCTION SHALL BE REINSTALLED AS SOON AS POSSIBLE AND IN ACCORANCE WITH STATE AND LOCAL GUIDELINES.

15. EXCAVATED MATERIAL SHALL NOT BE PLACED ON THE PAVEMENT. DRAINAGE STRUCTURES SHALL NOT BE BLOCKED WITH EXCAVATED MATERIALS.

16. ALL MANHOLES, HANDHOLES, AND OTHER APPURTENANCES WITHIN THE SCDOT RIGHT OF WAY SHALL NOT BE PLACED IN THE DITCH LINE, SIDE SLOPES OF THE DITCHES OR IN THE PAVEMENT.
17. ALL MANHOLES, SPLICE BOXES, AND/OR VAULTS WITHIN SCDOT RIGHT OF WAY SHALL BE OF A PRE-APPROVED DESIGN.

18. PROPOSED TRAFFIC-BEARING MANHOLES AND VAULT COVERS SHALL BE FLUSH MOUNTED AND SHALL BE OF A SCDOT APPROVED DESIGN FOR HS-20 LOADING.

19. ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS OF ANY REGULATING GOVERNMENTAL AGENCY, MCI METRO ACCESS TRANSMISSION SERVICES CORP, AND THE RIGHT-OF-WAY GRANTOR.

20. ANY AND ALL IMPROVEMENTS, SUCH AS ASPHALT OR CONCRETE PAVEMENT, CURBS, GUTTERS, WALKS, DRAINAGE DITCHES, EMBANKMENTS, SHRUBS, TREES, GRASS SOD, ETC., IF DISTURBED, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND RESTORED TO ORIGINAL CONDITION.


21. SHORING OF BORE PITS AND TRENCHES IN ACCORDANCE WITH OSHA REGULATIONS SHALL BE MANDATORY.

22. 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. FLUSH MARKERS TO BE USED WHEN ABOVE GROUND. MARKERS ARE NOT APPROVED.

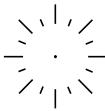
23. ALL CONDUITS WILL BE SDR 11 OR AS SPECIFIED.

24. UNDERGROUND CONDUIT WILL BE PLACED AT 42" MINIMUM COVER UNLESS SPECIFIED ON THE CONSTRUCTION DRAWINGS.

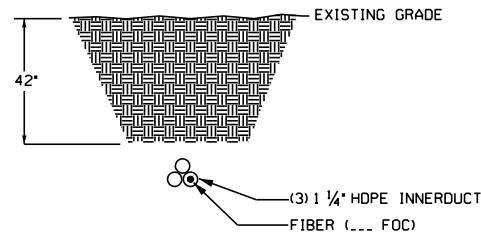
ADDENDUM NOTES

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	DRAFTED BY: A. BROWN			ENGINEER(S): T. LANCASTER		SCALE:		HORIZONTAL: NTS VERTICAL: NTS	<small>INFORMATION ON THIS DOCUMENT IS PROPRIETARY AND SHALL NOT BE USED, COPIED, REPRODUCED OR DISCLOSED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT</small>	JOB NO: FSC38	DWG NO: 3 OF 15

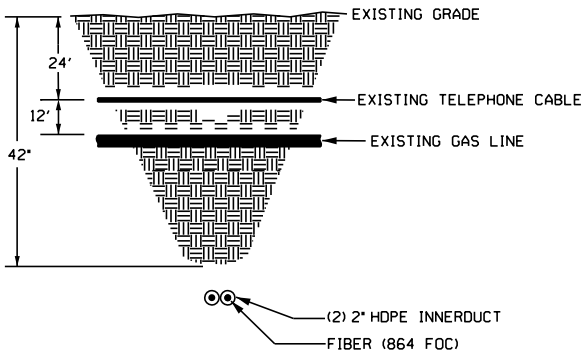
DIRECTIONAL BORE DETAIL



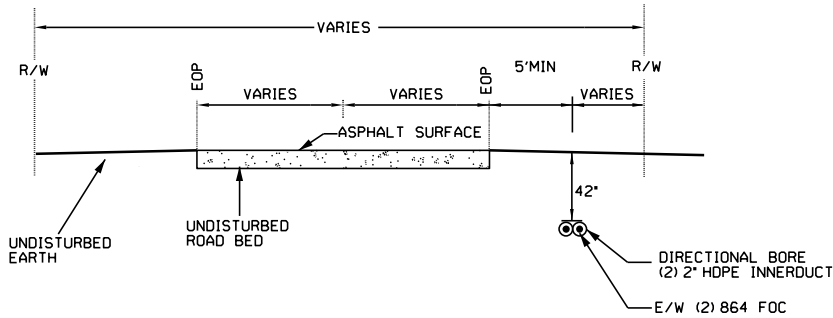
TYPICAL DETAIL "A"
DIRECTIONAL BORE CROSS SECTION
FOR CONDUIT



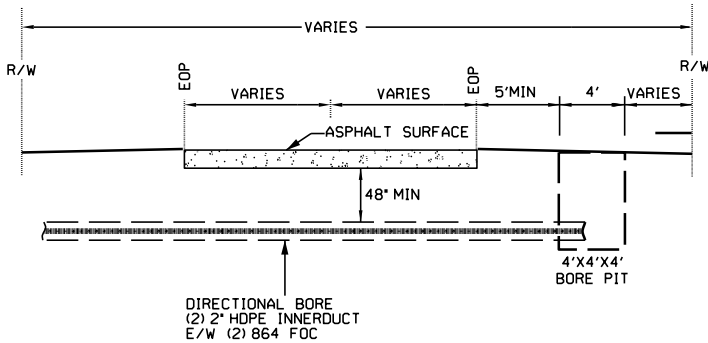
TYPICAL DETAIL "B"
DIRECTIONAL BORE CROSS SECTION
FOR CONDUIT PLACED BENEATH / PERPENDICULAR
TO EXISTING UTILITIES



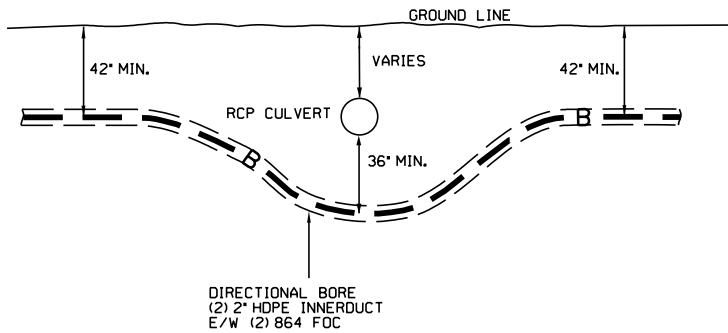
TYPICAL DETAIL "C"
PARALLEL CONDUIT DETAIL
FOR SCDOT RIGHT OF WAY



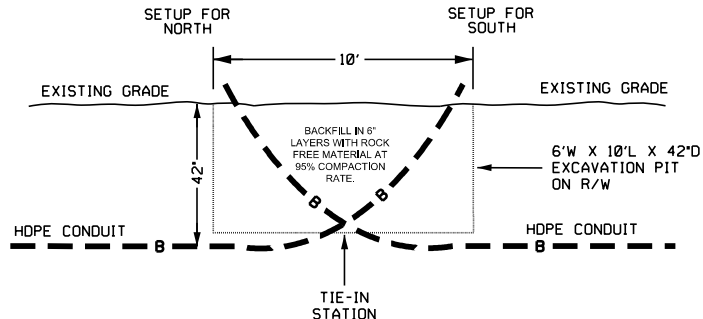
TYPICAL DETAIL "D"
CROSSING SECONDARY ROADWAY
AND DRIVEWAY



TYPICAL DETAIL "E"
CULVERT CROSSING DETAIL



TYPICAL DETAIL "F"
DIRECTIONAL BORE TIE-IN DETAIL



- BORE FROM EACH DIRECTION IS RUN AT DESIGN DEPTH TO SOME POINT PAST THE INTENDED TIE-IN, THEN TURNED UP TO DAYLIGHT.
- THE TIE-IN POINT IS EXCAVATED, PIPES CUT OFF WHERE THEY CROSS EACH OTHER AT DESIGN DEPTH, AND A COUPLER IS INSTALLED TO CONNECT THE TWO PIPES AT THE DESIGN DEPTH.
- USE ALUMINUM HYDRAULIC PREP - ON BARBED RING COUPLER TO CONNECT PIPE
- ALL EXCAVATIONS OR TRENCHES 4 FEET OR GREATER IN DEPTH SHALL BE APPROPRIATELY BENCHED, SHORED, OR SLOPED ACCORDING TO THE PROCEDURES AND REQUIREMENTS SET FORTH IN OSHA'S EXCAVATION STANDARD, 29 CFR 1926.650, .651, and .652.



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DRAFTED BY: A. BROWN		ENGINEER(S): T. LANCASTER

CONSTRUCTION NOTE:

LOCATION:	NA MSTO COLUMBIA
SCALE:	HORIZONTAL: NTS VERTICAL: NTS

MCI METRO ACCESS TRANSMISSION SERVICES CORP. OUTSIDE PLANT CONSTRUCTION
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PROJECT CODE: 1710A1EE.24
JOB NO: FSC38

TITLE: WR HUB EAST TO NA CLMASC 1333 MAIN ST BOUNDARY
DWG NO: 4 OF 15

BONDING AND GROUNDING DETAILS



- AERIAL NOTES:
1. Establish and maintain continuity of all metallic components (strength member, shield, moisture barrier, armor) across all aerial splices.

2. Bond metallic components to the support strand at all splice locations.

3. Bond support strand to pole MGNV at all riser poles, fiber loop (2,000') locations for future splice and fiber splice locations.

4. Place bonds between all metallic cable components and the support strand at least once every 1 ¼ miles (6,600 feet).
- BURIED NOTES:
1. Establish and maintain continuity of all metallic sheath components and strength members in the cable and across all buried splices.

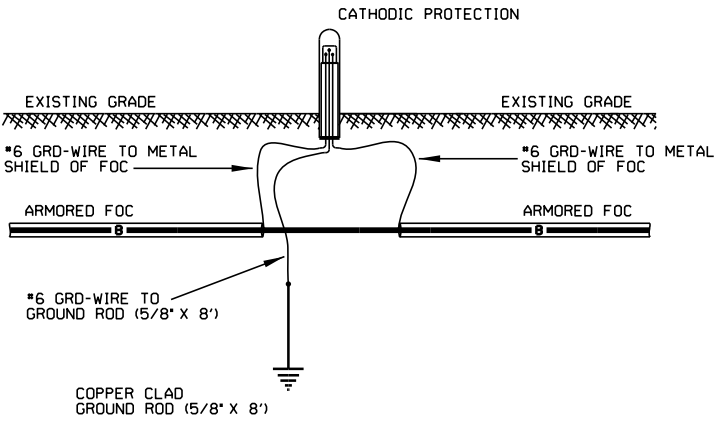
2. Bond metallic sheath components and strength members to 5/8" x 8' copper clad ground rod at all buried splices.

3. Place 5/8" x 8' copper clad ground rods at all handholes for future splicing and grounding.

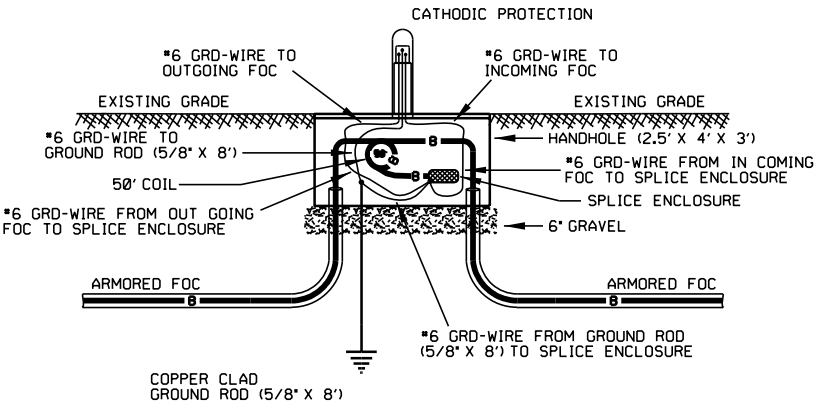
4. Place bonds between all metallic cable components and copper clad ground rods at least once every 1 ¼ miles (6,600 feet).

5. Place Cathodic Protection Test Station at all buried fiber cable splices and when bonding fiber metallic cable components to copper clad ground rods every 1 ¼ miles.

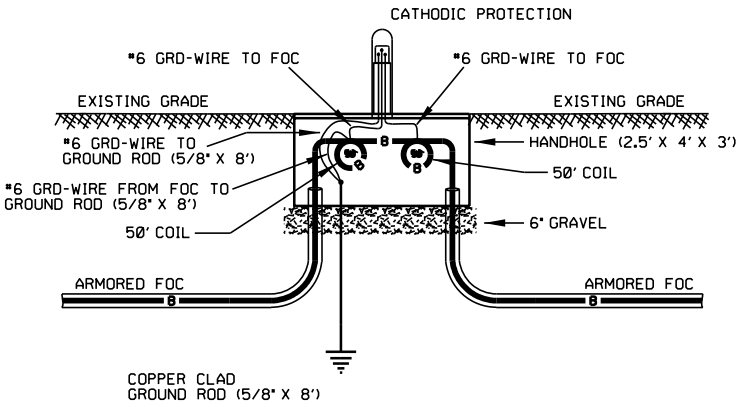
TEST STATION DETAIL SCHEMATIC



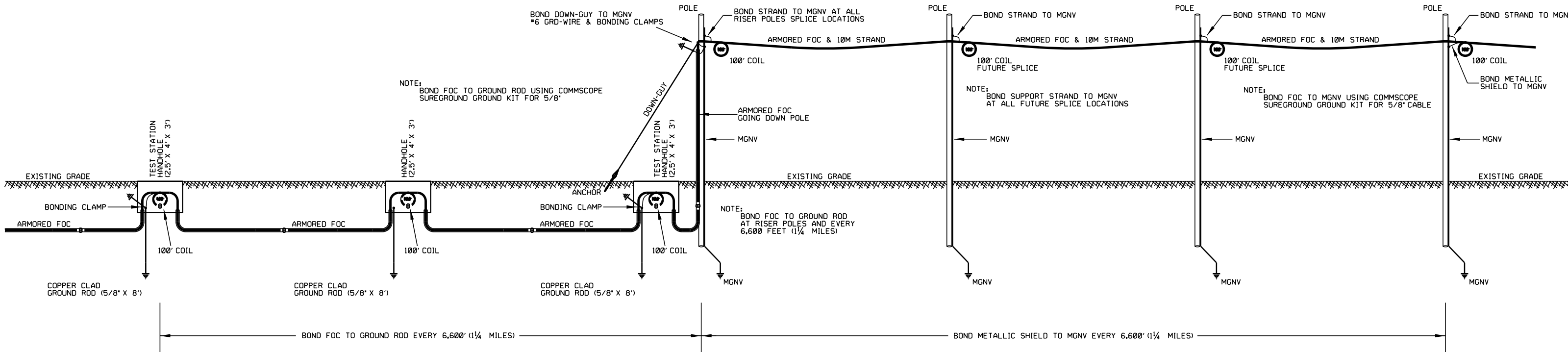
TEST STATION WITH FIELD SPLICE



TEST STATION WITH COIL FOR FUTURE SPLICE



LAYOUT DETAIL



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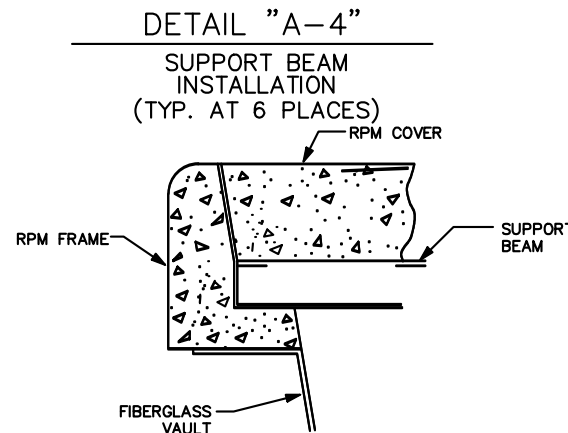
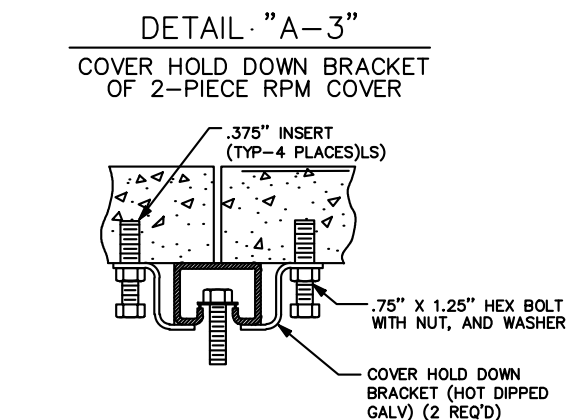
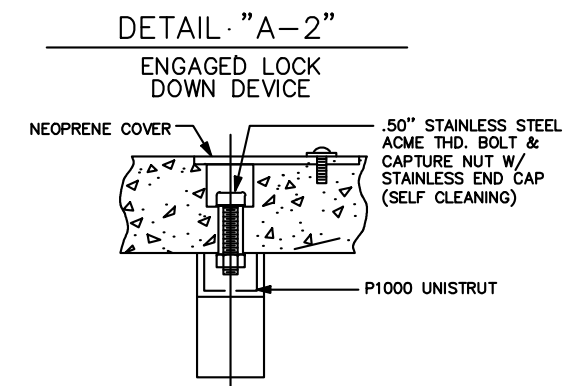
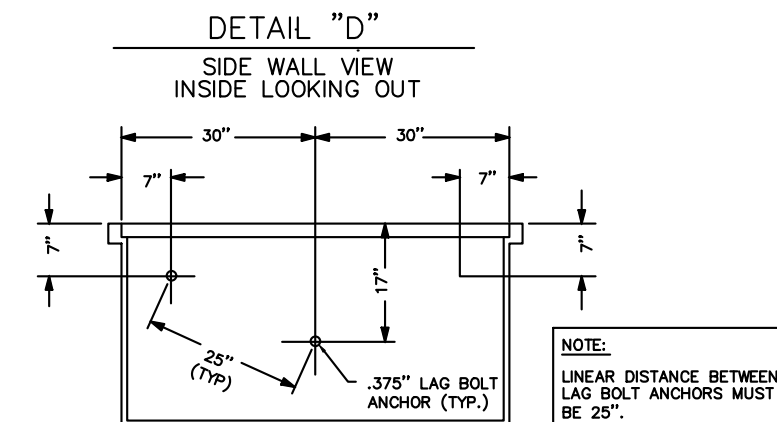
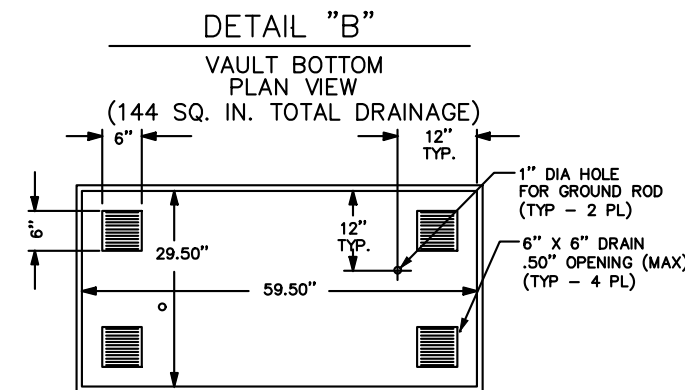
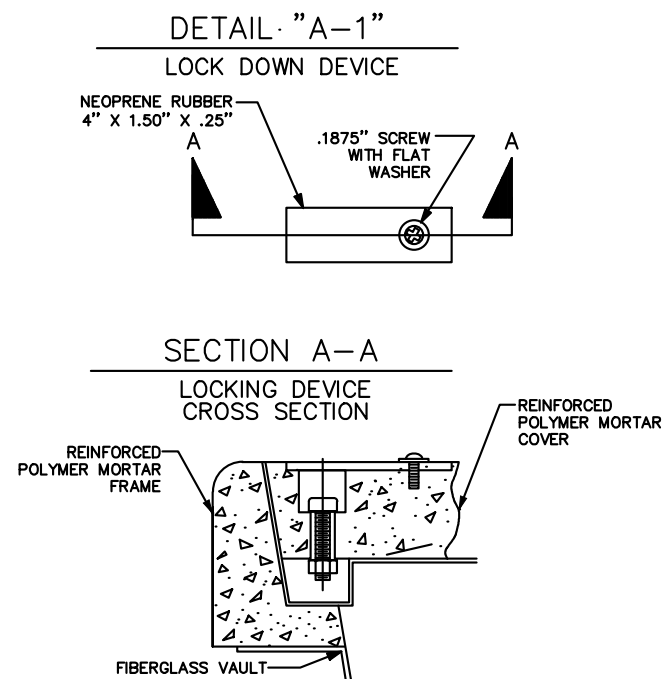
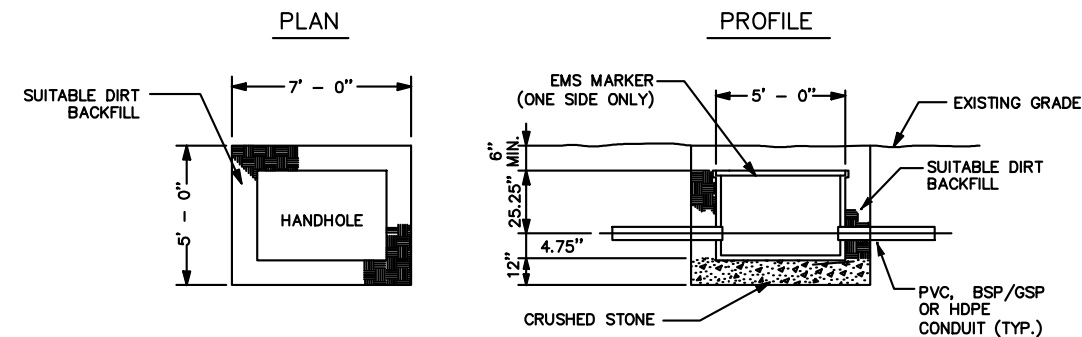
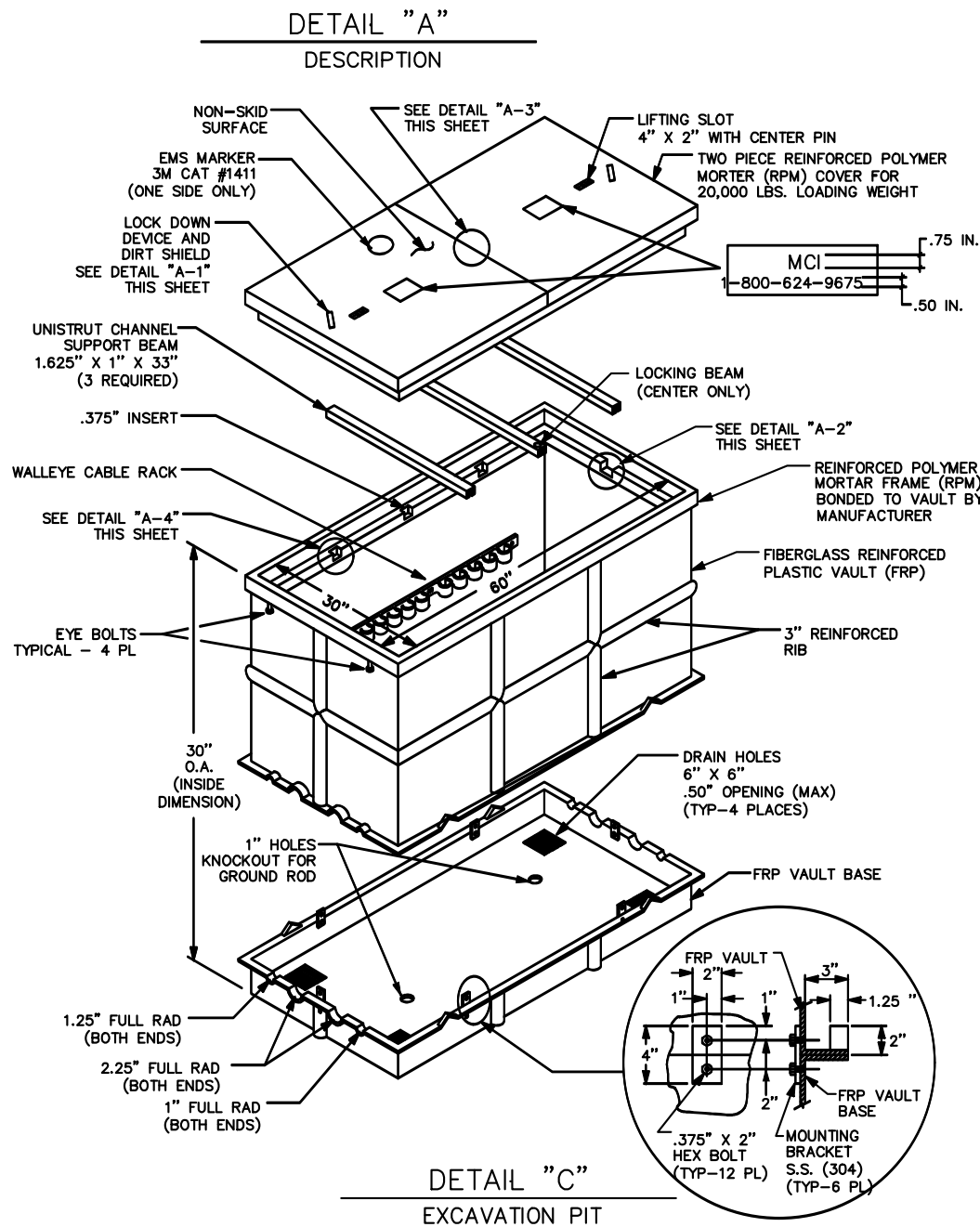
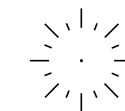
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JOB NO: FSC38

TITLE: WR HUB EAST TO NA CLMASC 1333 MAIN ST BOUNDARY
DWG NO: 5 OF 15

HANDHOLE DETAIL

2.5' x 5' x 2.5' SPLIT HANDHOLE DETAILS



- NOTES:**
- VOID IN EXCAVATED AREAS TO BE BACKFILLED WITH SELECT MATERIAL.
 - BOTTOM OF EXCAVATED PIT TO BE BACKFILLED WITH 6" OF GRAVEL (.75" GRADE).
 - SHORING WILL BE REQUIRED.
 - ALL HANDHOLES SHALL BE PLACED AT EXISTING GRADE.
 - THIS HANDHOLE IS OF FIBERGLASS MATERIAL, APPROXIMATELY 343 POUNDS IN WEIGHT. THE LIDS ARE POLYMER CONCRETE MATERIAL, EACH APPROXIMATELY 206 POUNDS IN WEIGHT.



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MCI
METRO ACCESS TRANSMISSION
SERVICES CORP.
OUTSIDE PLANT CONSTRUCTION

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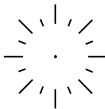
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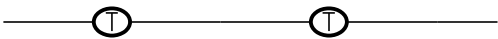
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WR HUB EAST TO NA CLMACS
1333 MAIN ST BOUNDARY

DWG NO:
6 OF 15

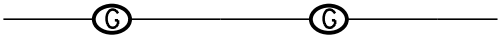
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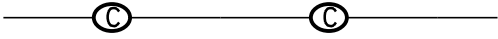
UNDERGROUND UTILITY (TELEPHONE)



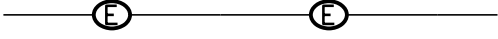
UNDERGROUND UTILITY (GAS)



UNDERGROUND UTILITY (CATV)



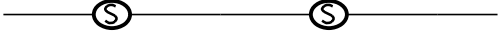
UNDERGROUND UTILITY (POWER)



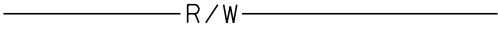
UNDERGROUND UTILITY (WATER)



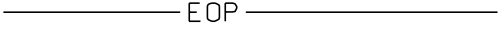
UNDERGROUND UTILITY (SEWER)



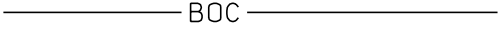
RIGHT-OF-WAY



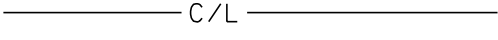
EDGE OF PAVEMENT



BACK OF CURB



CENTER LINE



DITCH LINE



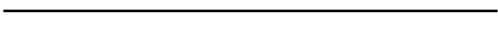
PROPOSED AERIAL CABLE



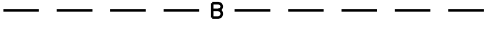
PROPOSED TRENCH / BURIED CABLE



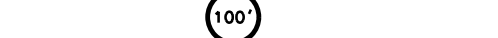
EXISTING AERIAL CABLE



EXISTING TRENCH / BURIED CABLE



LOOP / COIL



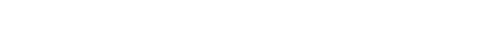
FIBER OPTIC MARKER POST



RAILROAD



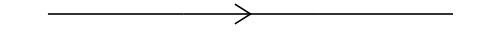
SHRUBBERY / TREE



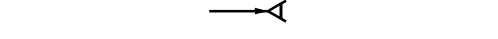
NORTH ARROW



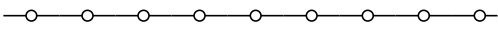
OVERHEAD GUY



GUY AND ANCHOR



FENCE



GUARDRAIL



EXISTING HANDHOLE (H/H),
MANHOLE (M/H) OR PULLBOX



PROPOSED HANDHOLE (H/H),
MANHOLE (M/H) OR PULLBOX



POLE



BORE PIT 4X4X4)



STORM DRAIN (CATCH BASIN)



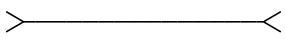
CUT AND RESTORE



BOND/GROUNDING 8FT GROUND ROD



CULVERT (SIZE INDICATED ON PRINT)



WATER METER



TELCO PED



CATV PED



POWER PED



GAS VALVE



FIRE HYDRANT



WATER VALVE



SEWER



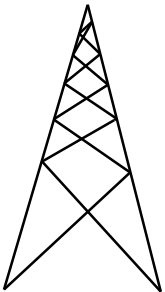
EXISTING COMMUNICATIONS MANHOLE (M/H)



STREET LIGHT



CELL TOWER



DATE:	PROJECT PHASE:	DESCRIPTION:
3/22/2018	DESIGN	PERMIT
	AS-BUILT	
	REVISED	
	REVISED(2)	
DRAFTED BY: A. BROWN		ENGINEER(S): T. LANCASTER

CONSTRUCTION NOTE:

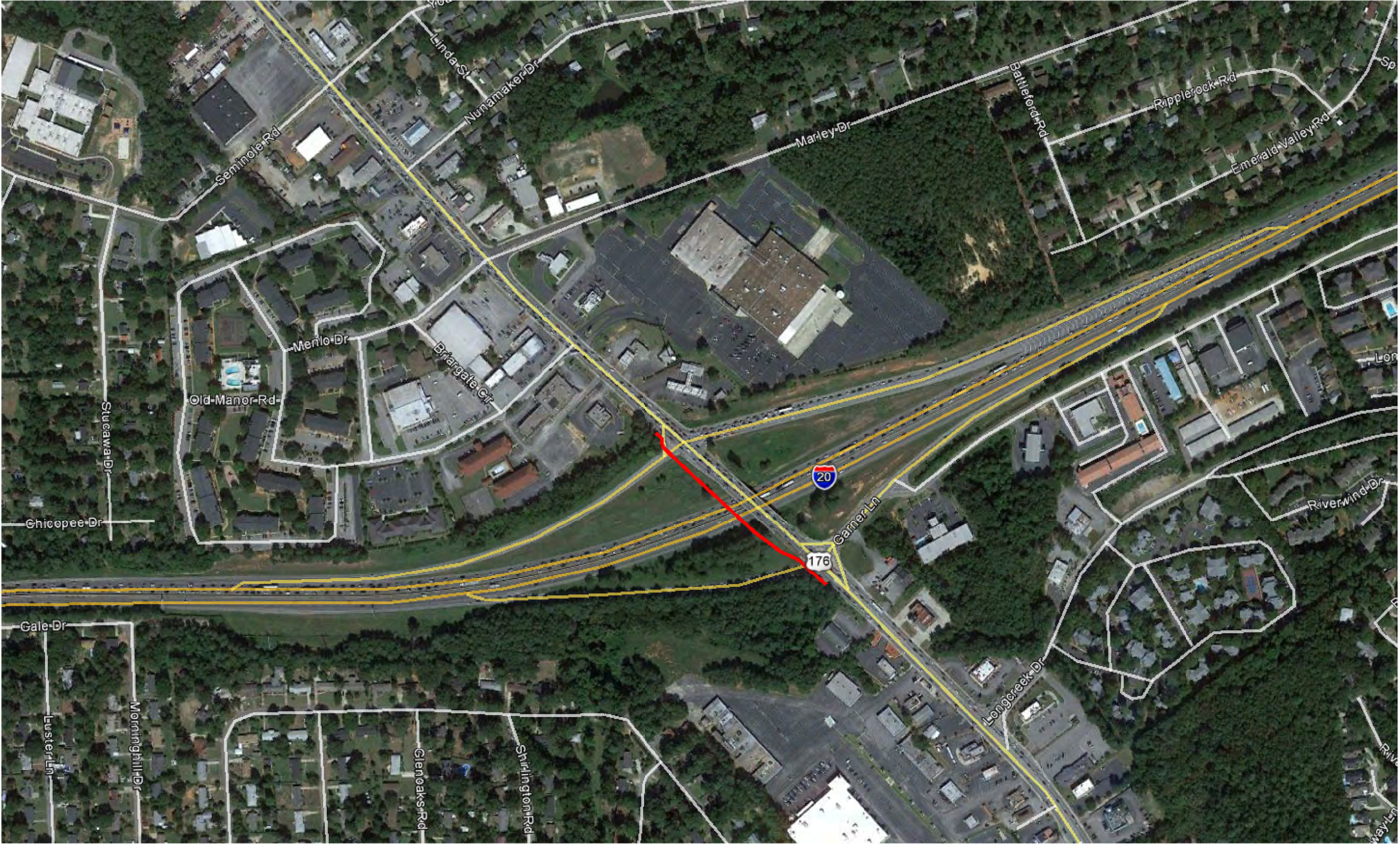
LOCATION:	NA MSTO COLUMBIA
SCALE:	HORIZONTAL: NTS VERTICAL: NTS

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PROJECT CODE: 1710A1EE.24
JOB NO: FSC38

TITLE: WR HUB EAST TO NA CLMASC 1333 MAIN ST BOUNDARY
DWG NO: 7 OF 15

VICINITY MAP



DATE:	PROJECT PHASE:	DESCRIPTION:
3/22/2018	DESIGN	PERMIT
	AS-BUILT	
	REVISED	
	REVISED(2)	
DRAFTED BY: A. BROWN		ENGINEER(S): T. LANCASTER

CONSTRUCTION NOTE:

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PROJECT CODE: 1710A1EE.24
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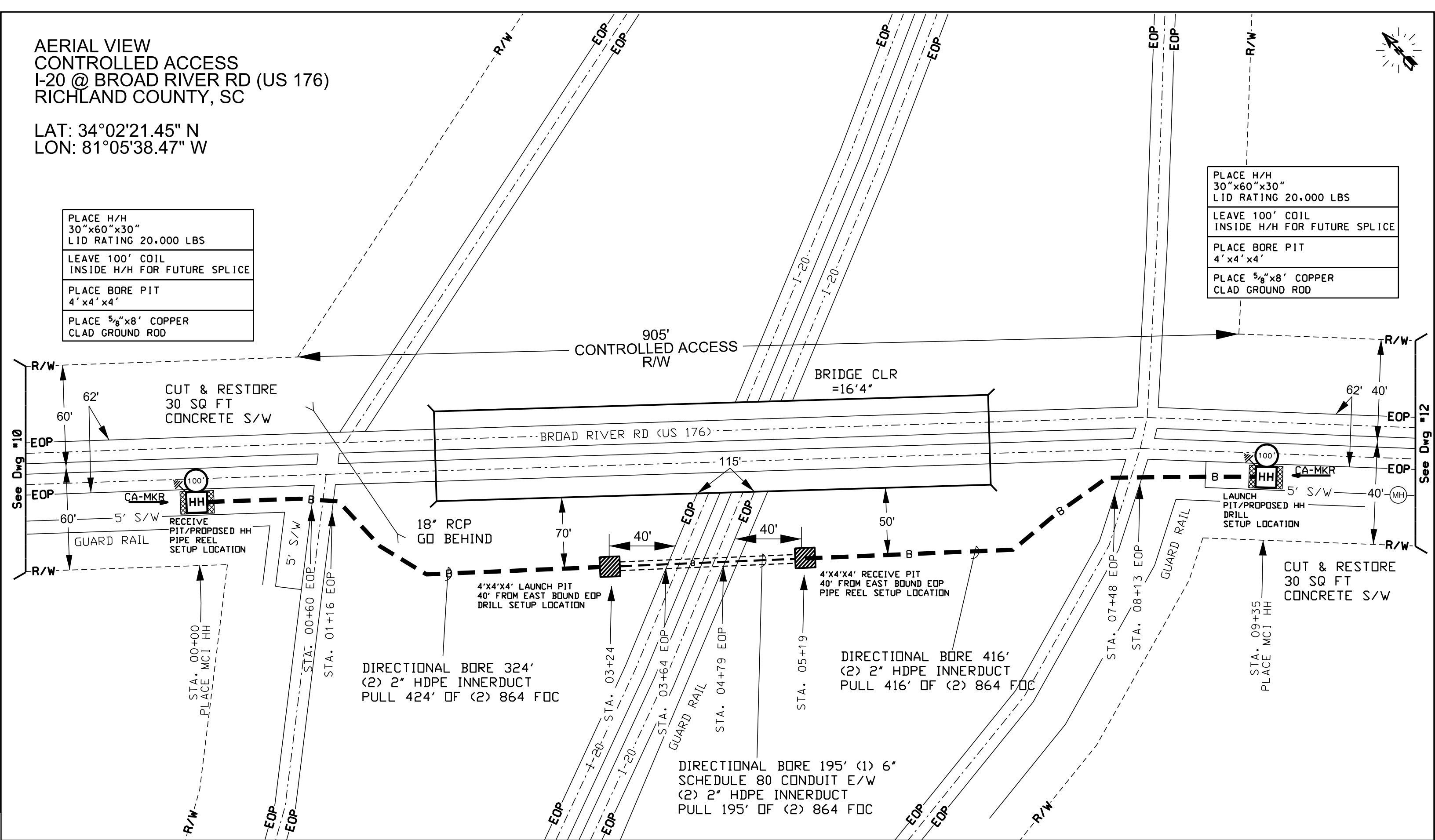
TITLE: WR HUB EAST TO NA CLMASC 1333 MAIN ST BOUNDARY
DWG NO: 8 OF 15


AERIAL VIEW
CONTROLLED ACCESS
I-20 @ BROAD RIVER RD (US 176)
RICHLAND COUNTY, SC

LAT: 34°02'21.45" N
LON: 81°05'38.47" W

- PLACE H/H
30"x60"x30"
LID RATING 20,000 LBS
- LEAVE 100' COIL
INSIDE H/H FOR FUTURE SPLICE
- PLACE BORE PIT
4'x4'x4'
- PLACE 5/8"x8' COPPER
CLAD GROUND ROD

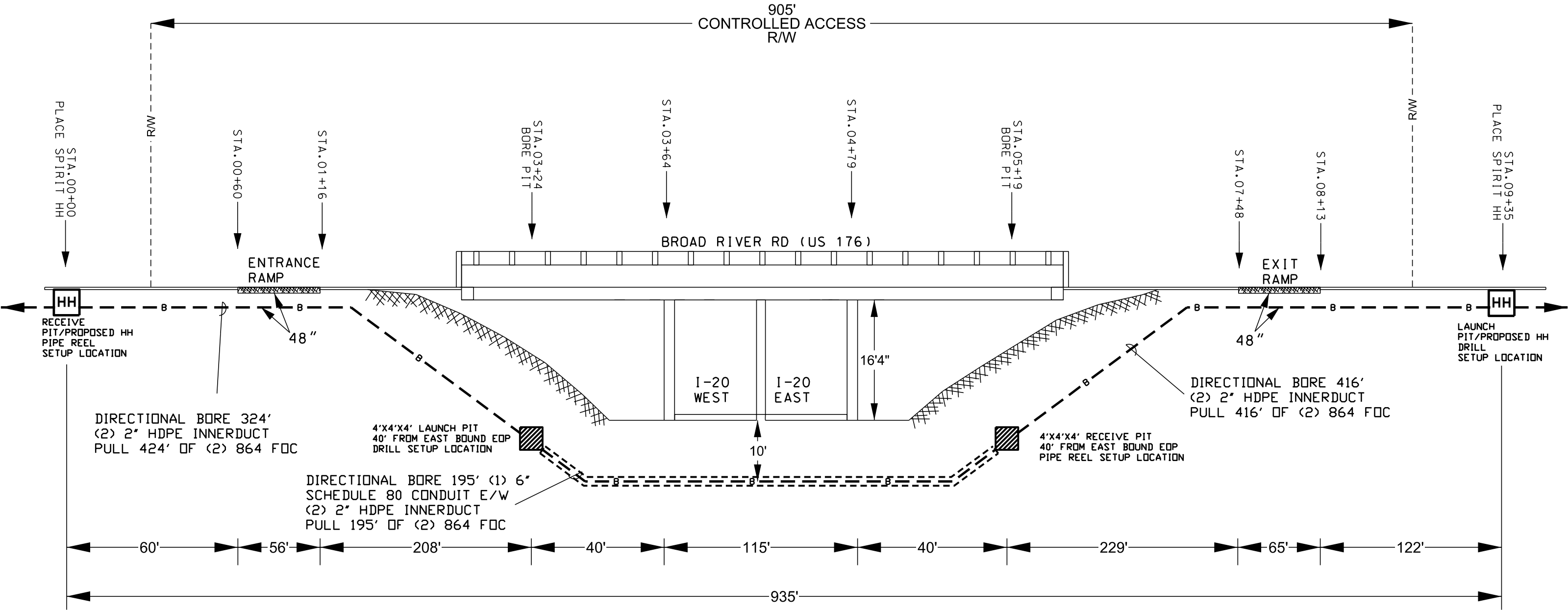
- PLACE H/H
30"x60"x30"
LID RATING 20,000 LBS
- LEAVE 100' COIL
INSIDE H/H FOR FUTURE SPLICE
- PLACE BORE PIT
4'x4'x4'
- PLACE 5/8"x8' COPPER
CLAD GROUND ROD



	DATE:	PROJECT PHASE:	DESCRIPTION:		CONSTRUCTION NOTE:	LOCATION:		MCI		PROJECT CODE:	TITLE:
	3/22/2018	DESIGN	PERMIT			NA MSTO COLUMBIA		METRO ACCESS TRANSMISSION SERVICES CORP.		1710A1EE.24	WR HUB EAST TO NA CLMASC
		AS-BUILT						OUTSIDE PLANT CONSTRUCTION			1333 MAIN ST BOUNDARY
		REVISED									
		REVISED(2)									
	DRAFTED BY: A. BROWN			ENGINEER(S): T. LANCASTER		SCALE:		HORIZONTAL: NTS	INFORMATION ON THIS DOCUMENT IS PROPRIETARY AND SHALL NOT BE USED, COPIED, REPRODUCED OR DISCLOSED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT	JOB NO:	DWG NO:
					VERTICAL: NTS		FSC38	9 OF 15			

PROFILE VIEW
 CONTROLLED ACCESS
 I-20 @ BROAD RIVER RD (US 176)
 RICHLAND COUNTY, SC

LAT: 34°02'21.45" N
 LON: 81°05'38.47" W



DATE:	PROJECT PHASE:	DESCRIPTION:
3/22/2018	DESIGN	PERMIT
	AS-BUILT	
	REVISED	
	REVISED(2)	
DRAFTED BY: A. BROWN		ENGINEER(S): T. LANCASTER

CONSTRUCTION NOTE:

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SCALE:	HORIZONTAL: NTS VERTICAL: NTS

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PROJECT CODE: 1710A1EE.24
JOB NO: FSC38

TITLE: WR HUB EAST TO NA CLMASC 1333 MAIN ST BOUNDARY
DWG NO: 10 OF 15



HH

PLACE MCI HH/RECEIVE PIT PIPE
REEL SETUP LOCATION 1' BEHIND
BACK OF SIDEWALK.
DIRECTIONAL BORE 1,210' OF (2)
2" CONDUIT E/W (2) FIBER OPTIC
CABLES



DATE:	PROJECT PHASE:	DESCRIPTION:
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	AS-BUILT	
	REVISED	
	REVISED(2)	
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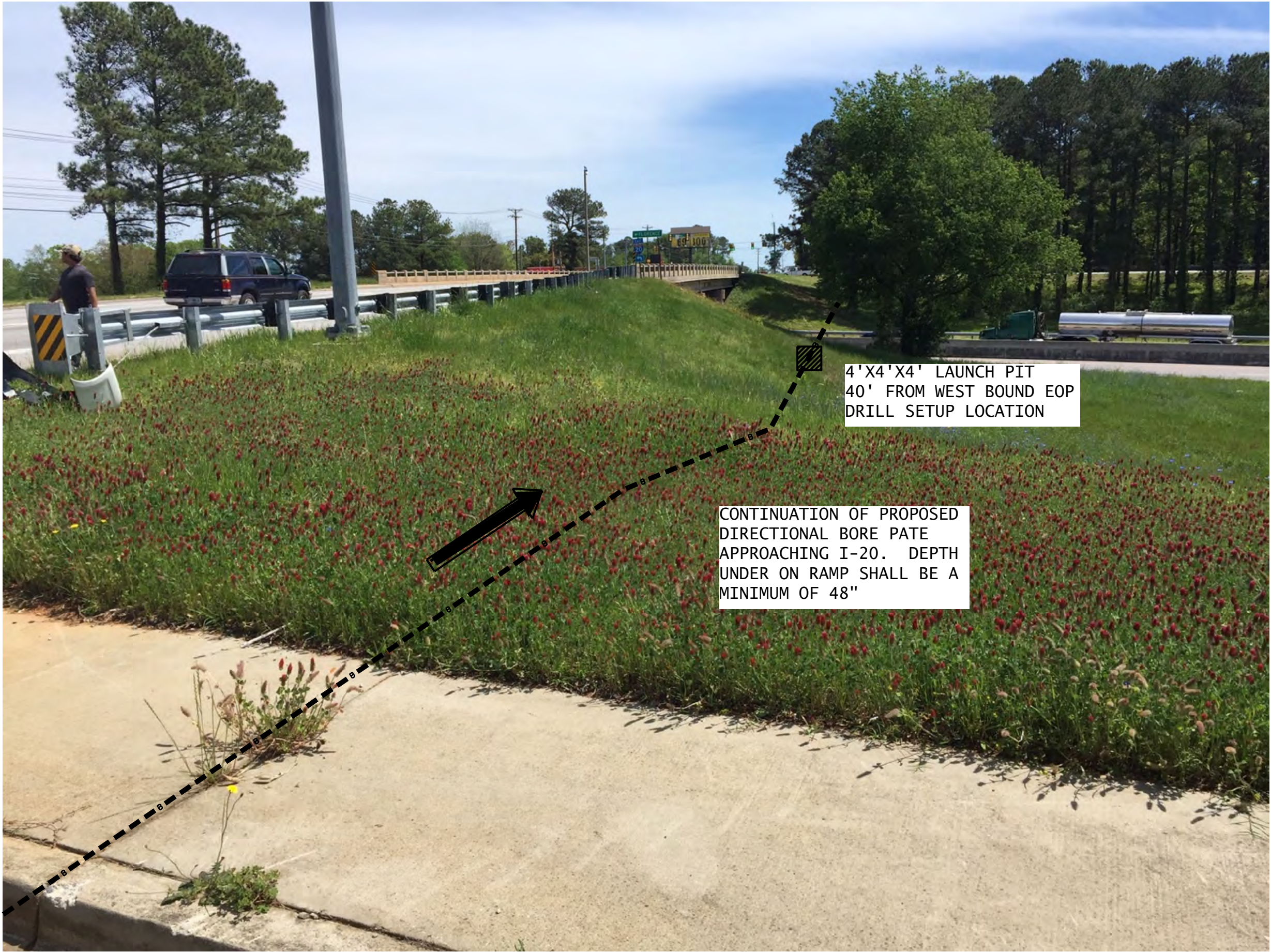
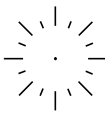
CONSTRUCTION NOTE:

LOCATION:	MCI NA MSTO COLUMBIA
SCALE:	HORIZONTAL: NTS VERTICAL: NTS

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PROJECT CODE:	1710A1EE.24
JOB NO:	FSC38

TITLE:	WR HUB EAST TO NA CLMASC 1333 MAIN ST BOUNDARY
DWG NO:	11 OF 15



DATE:	PROJECT PHASE:	DESCRIPTION:
3/22/2018	DESIGN	PERMIT
	AS-BUILT	
	REVISED	
	REVISED(2)	
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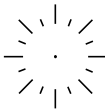
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LOCATION:	NA MSTO COLUMBIA
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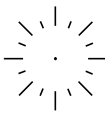
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PROJECT CODE:	1710A1EE.24
JOB NO:	FSC38

TITLE:	WR HUB EAST TO NA CLMASC 1333 MAIN ST BOUNDARY
DWG NO:	12 OF 15



	DATE:	PROJECT PHASE:	DESCRIPTION:	CONSTRUCTION NOTE:	LOCATION: NA MSTO COLUMBIA	MCI METRO ACCESS TRANSMISSION SERVICES CORP. OUTSIDE PLANT CONSTRUCTION	PROJECT CODE: 1710A1EE.24	TITLE: WR HUB EAST TO NA CLMASC 1333 MAIN ST BOUNDARY
	3/22/2018	DESIGN	PERMIT					
		AS-BUILT			SCALE: HORIZONTAL: NTS VERTICAL: NTS	<small>INFORMATION ON THIS DOCUMENT IS PROPRIETARY AND SHALL NOT BE USED, COPIED, REPRODUCED OR DISCLOSED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT</small>	JOB NO: FSC38	DWG NO: 13 OF 15
		REVISED						
		REVISED(2)						
DRAFTED BY: A. BROWN			ENGINEER(S): T. LANCASTER					



DATE:	PROJECT PHASE:	DESCRIPTION:
3/22/2018	DESIGN	PERMIT
	AS-BUILT	
	REVISED	
	REVISED(2)	
DRAFTED BY: A. BROWN		ENGINEER(S): T. LANCASTER

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PROJECT CODE: 1710A1EE.24	JOB NO: FSC38
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TITLE: WR HUB EAST TO NA CLMASC 1333 MAIN ST BOUNDARY	DWG NO: 14 OF 15
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	DATE:	PROJECT PHASE:	DESCRIPTION:	CONSTRUCTION NOTE:	LOCATION:	MCI METRO ACCESS TRANSMISSION SERVICES CORP. OUTSIDE PLANT CONSTRUCTION		PROJECT CODE: 1710AIEE.24	TITLE: WR HUB EAST TO NA CLMASC 1333 MAIN ST BOUNDARY
	3/22/2018	DESIGN	PERMIT						
		AS-BUILT							
		REVISED							
		REVISED(2)							
DRAFTED BY: A. BROWN			ENGINEER(S): T. LANCASTER		SCALE:	HORIZONTAL: NTS VERTICAL: NTS	<small>INFORMATION ON THIS DOCUMENT IS PROPRIETARY AND SHALL NOT BE USED, COPIED, REPRODUCED OR DISCLOSED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT</small>	JOB NO: FSC38	DWG NO: 15 OF 15