

**COLUMBIA, SC**



PROJECT: # 1905BZOP

SPAN: \_\_\_\_\_

COLUMBIA

MAP FOOTAGE:

**SURVEY:**

RAILROAD:

[illegible]

PROJECT NUMBER  
1905BZOP  
PROJECT TITLE

MTSO H1003

TITLE: FIBER OPTIC CABLE ROUTE  
FROM

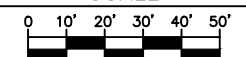
TO

## REVISIONS

[illegible]

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## SCALE



SCALE: 1"=50'

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| MP | TO | MP |
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SHEET COVER SHEET

|           |
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| DWG. NAME |
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CLM\_1905BZOP\_MTSO\_H1003\_SCDOT\_62.dwg

CLM\_1905BZOP\_MTSO\_H1003\_SCDOT\_62

MCI METRO ACCESS  
TRANSMISSION SERVICES CORPORATION

SCDOT PLAT INFO  
PROJ # C-708  
SHEET 8

COLUMBIA, SC 29210

SCDOT  
RICHLAND COUNTY  
PROJECT: CONSTRUCTION

SCOPE: PLACE 7,412' OF 7 WAY  
CONDUIT ALONG BROAD RIVER RD



Know what's below.  
**Call** before you dig.

CLM\_1905BZOP\_MTSO\_H1003\_SCDOT\_62.dwg

**COLUMBIA, SC**



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SPAN: \_\_\_\_\_

COLUMBIA

MAP FOOTAGE:

**SURVEY:**

RAILROAD:

[illegible]

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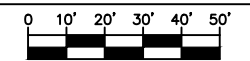
TO

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## SCALE



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| MP | TO MP |
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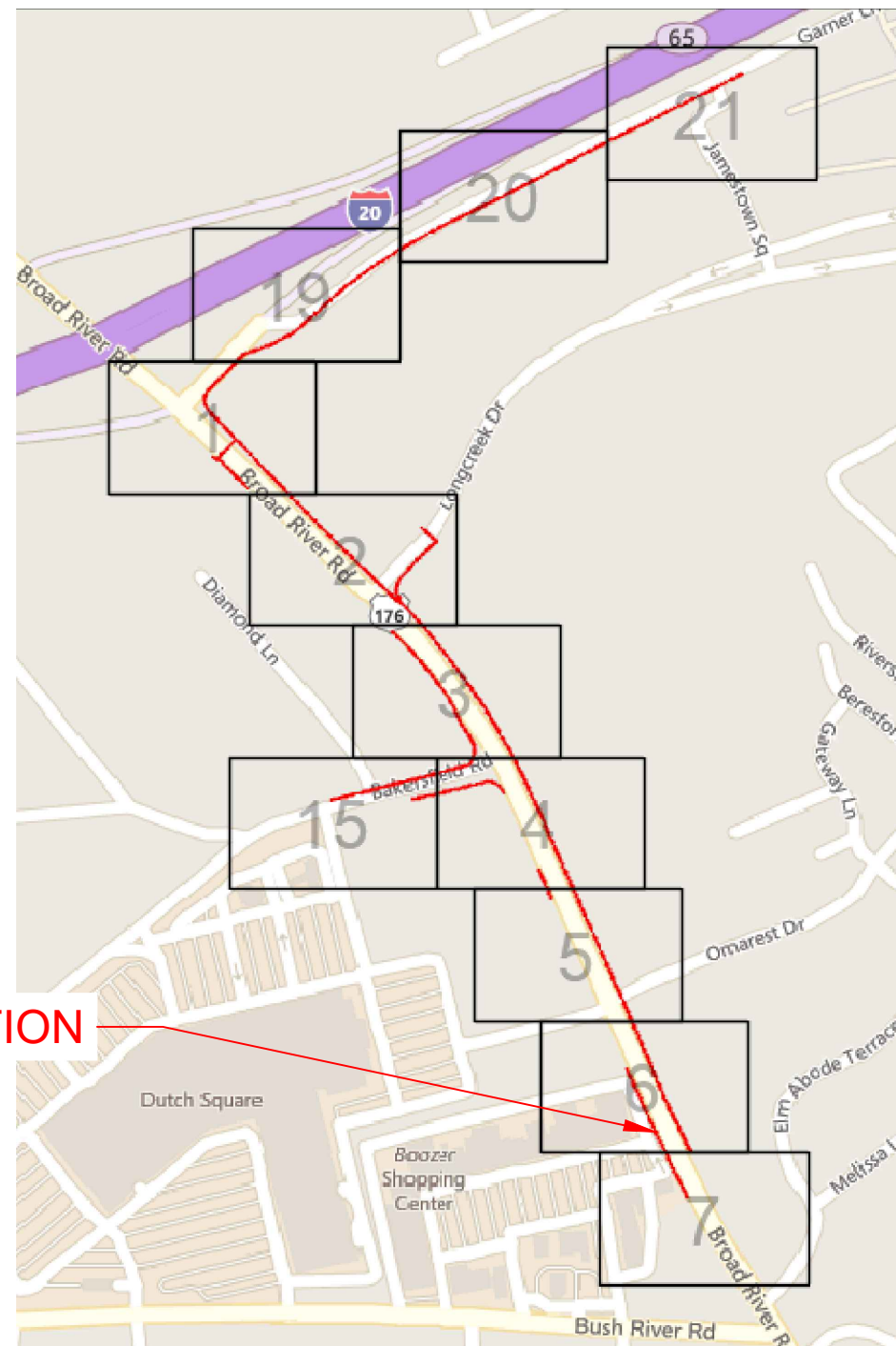
## SHEET LOCATION MAP

|           |
|-----------|
| DWG. NAME |
|-----------|

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## PROPOSED CONSTRUCTION





PROJECT: # 1905BZOP

SPAN: \_\_\_\_\_

## COLUMBIA

MAP FOOTAGE:  
SURVEY:  
RAILROAD:

[illegible]

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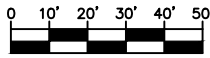
TO

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[illegible]

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## SCALE



SCALE: 1"=50'

MP                      TO   MP

SHEET GENERAL NOTES (1

DWG. NAME

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Know what's below.  
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## GENERAL NOTES & ADDENDUMS

1. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS AND SHALL OBTAIN AND OBSERVE 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.
2. 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.
3. 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.
4. VEGETATIVE COVER SHALL BE ESTABLISHED ON ALL DISTURBED AREAS IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE DIVISION ROADSIDE ENVIRONMENTAL ENGINEER.
5. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE SCDOT STANDARDS AND SPECIFICATIONS MANUALS.
6. ANY DRAINAGE STRUCTURE DISTURBED OR DAMAGED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AS DIRECTED BY THE DISTRICT ENGINEER.
7. ALL DRIVEWAYS ALTERED DURING CONSTRUCTION SHALL BE RETURNED TO A STATE COMPARABLE WITH THE CONDITION OF THE DRIVEWAYS PRIOR TO CONSTRUCTION.
8. 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.
9. 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.
10. 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.
11. INGRESS AND EGRESS SHALL BE MAINTAINED TO ALL BUSINESSES AND DWELLINGS AFFECTED BY THE PROJECT.
12. 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.
13. ALL ROADWAY SIGNS THAT ARE REMOVED DUE TO CONSTRUCTION SHALL BE REINSTALLED AS SOON AS POSSIBLE AND IN ACCORDANCE WITH STATE AND LOCAL GUIDELINES.
14. EXCAVATED MATERIAL SHALL NOT BE PLACED ON THE PAVEMENT. DRAINAGE STRUCTURES SHALL NOT BE BLOCKED WITH EXCAVATED MATERIALS.
15. 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.
16. ALL MANHOLES, SPLICE BOXES, AND/OR VAULTS WITHIN SCDOT RIGHT OF WAY SHALL BE OF A PRE-APPROVED DESIGN.
17. PROPOSED TRAFFIC-BEARING MANHOLES AND VAULT COVERS SHALL BE FLUSH MOUNTED AND SHALL BE OF A SCDOT APPROVED DESIGN FOR HS-20 LOADING.
18. ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS OF ANY REGULATING GOVERNMENTAL AGENCY, MCI METRO ACCESS TRANSMISSION CORP., AND THE RIGHT-OF-WAY GRANTOR.
19. 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.
20. SHORING OF BORE PITS AND TRENCHES IN ACCORDANCE WITH OSHA REGULATIONS SHALL BE MANDATORY.
21. 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.
22. ALL CONDUITS WILL BE SDR 11 OR AS SPECIFIED.
23. UNDERGROUND CONDUIT WILL BE PLACED AT 48" MINIMUM COVER UNLESS SPECIFIED ON THE CONSTRUCTION DRAWINGS.

## ADDENDUM NOTES







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COLUMBIA

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| MAP FOOTAGE:<br>SURVEY:<br>RAILROAD: |
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[illegible]

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FROM

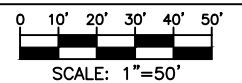
TO

## REVISIONS

[illegible]

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## SCALE



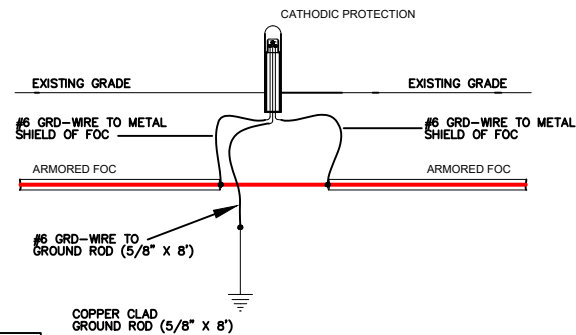
|       |           |
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| MP    | TO MP     |
| SHEET | GROUNDING |

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| DWG. NAME |
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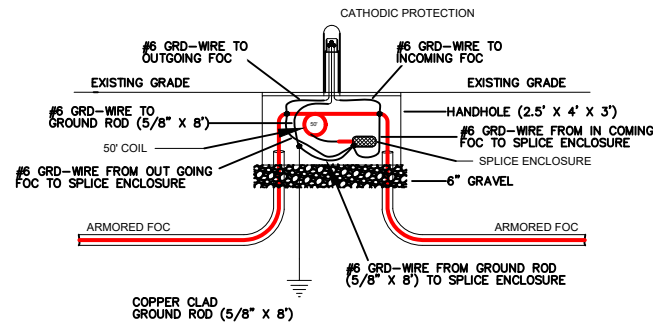
CLM\_1905BZOP\_MTSO\_H1003\_SCDOT\_62.dwg

## BONDING AND GROUNDING DETAILS

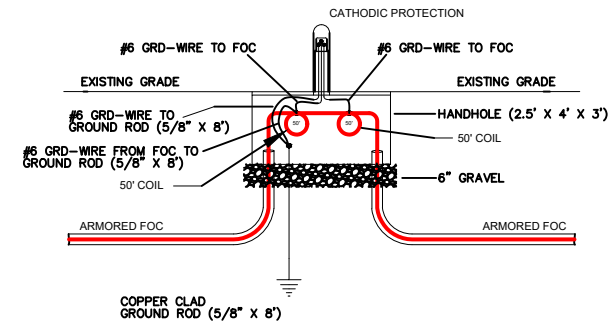
### TEST STATION DETAIL SCHEMATIC



### TEST STATION WITH FIELD SPLICE



TEST STATION WITH COIL  
FOR FUTURE SPLICE



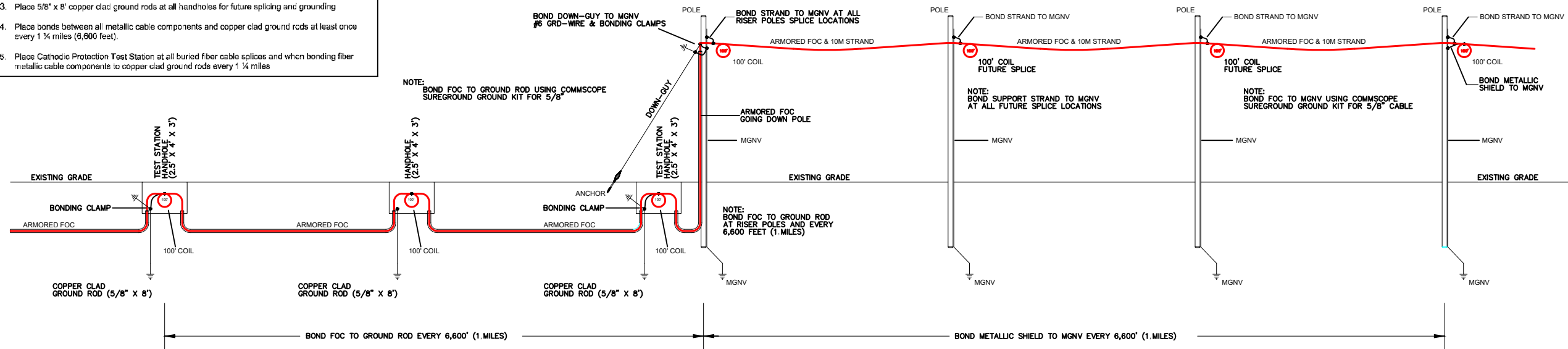
AERIAL NOTES:

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 1/4 miles (6,000 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 (6,000 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

### LAYOUT DETAIL



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COLUMBIA

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| MAP FOOTAGE:<br>SURVEY:<br>RAILROAD: |
|--------------------------------------|

[illegible]

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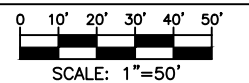
TO

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[illegible]

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## SCALE



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| MP | TO | MP |
|----|----|----|

SHEET D.BORE DETAIL

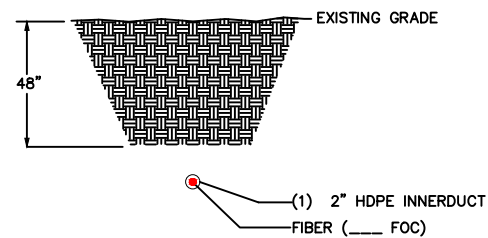
|           |
|-----------|
| DWG. NAME |
|-----------|

CLM\_1905BZOP\_MTSO\_H1003\_SCDOT\_62.dwg

## PLOW AND DIRECTIONAL BORE DETAIL

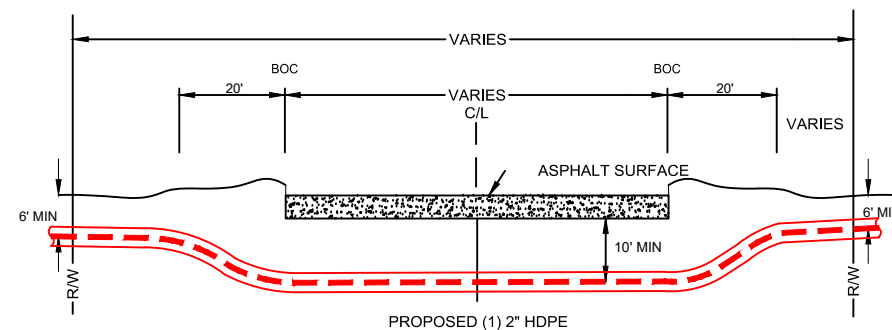
TYPICAL DETAIL "A"

### FLOW AND DIRECTIONAL BORE CROSS SECTION FOR CONDUIT



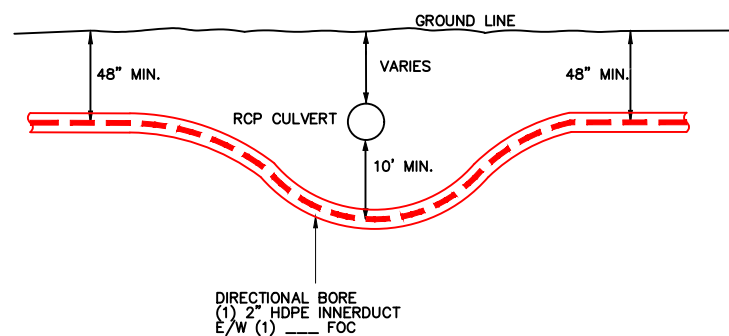
TYPICAL DETAIL "D"

### PRIMARY & SECONDARY ROADWAY CROSSINGS



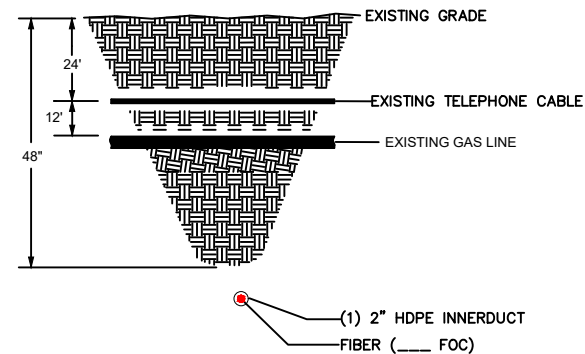
TYPICAL DETAIL "F"

CULVERT CROSSING DETAIL



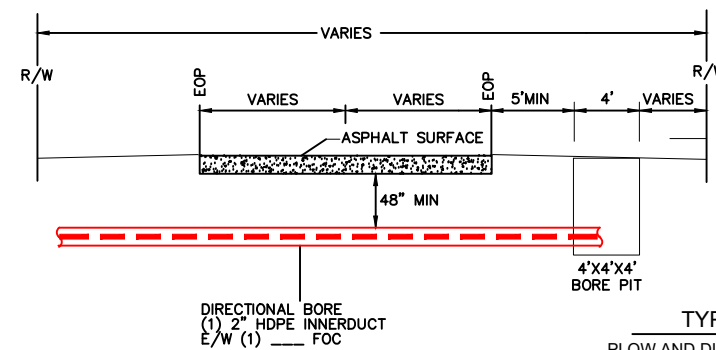
TYPICAL DETAIL "B"

DIRECTIONAL BORE CROSS SECTION  
FOR CONDUIT PLACED BENEATH / PERPENDICULAR  
TO EXISTING UTILITIES



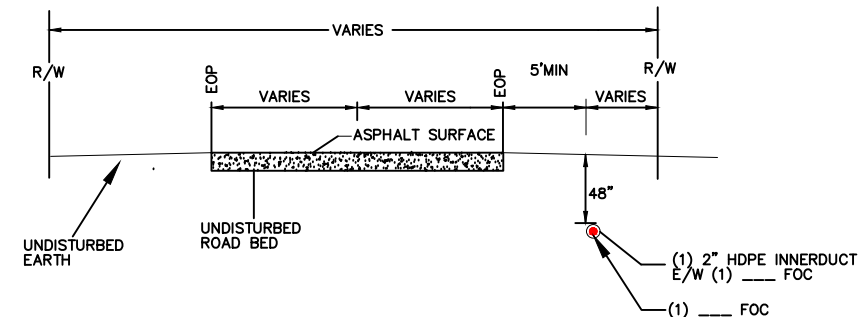
TYPICAL DETAIL "E"

DRIVEWAY CROSSING



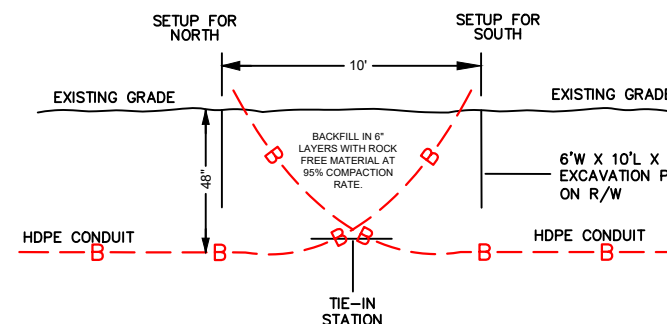
TYPICAL DETAIL "C"

PLOW &  
DIRECTIONAL BORE  
PARALLEL CONDUIT DETAIL  
FOR DOT RIGHT OF WAY



TYPICAL DETAIL "G"

### PLOW AND DIRECTIONAL BORE TIE-IN DETAIL



- |   |  |
|---|--|
| <p>* BORE FROM EACH DIRECTION IS RUN AT DESIGN DEPTH TO SOME POINT PAST THE INTENDED TIE-IN, THEN TURNED UP TO DAYLIGHT.</p>  | <p>* USE DOUBLE "E" LOCK OR BETTER COUPLER TO CONNECT PIPE</p>   |
| <p>* 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.</p> | <p>* 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.</p> |



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**COLUMBIA, SC**



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**COLUMBIA**

MAP FOOTAGE:  
SURVEY:  
RAILROAD:

[illegible]

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MTSO H1003

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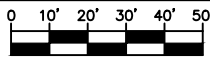
TO

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[illegible]

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## SCALE



SCALE: 1"=50'

MP                      TO   MP

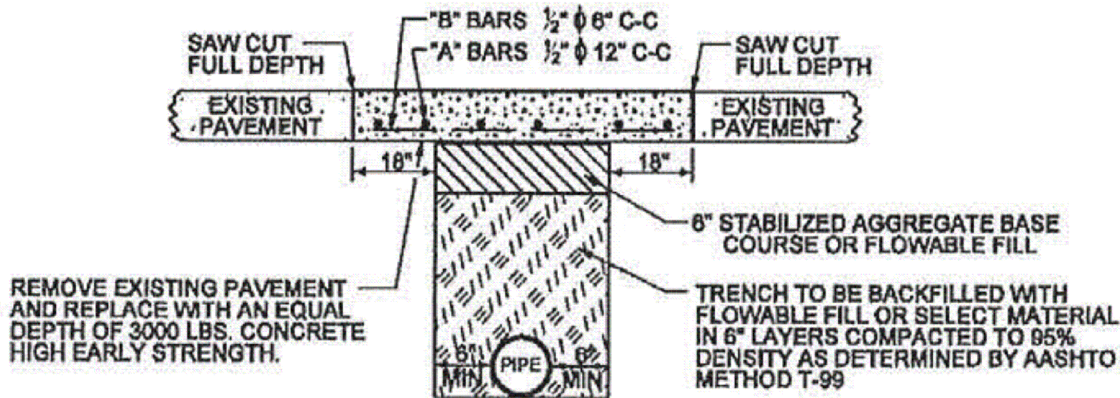
**SHEET   PAVEMENT   REPAIRS**

DWG. NAME

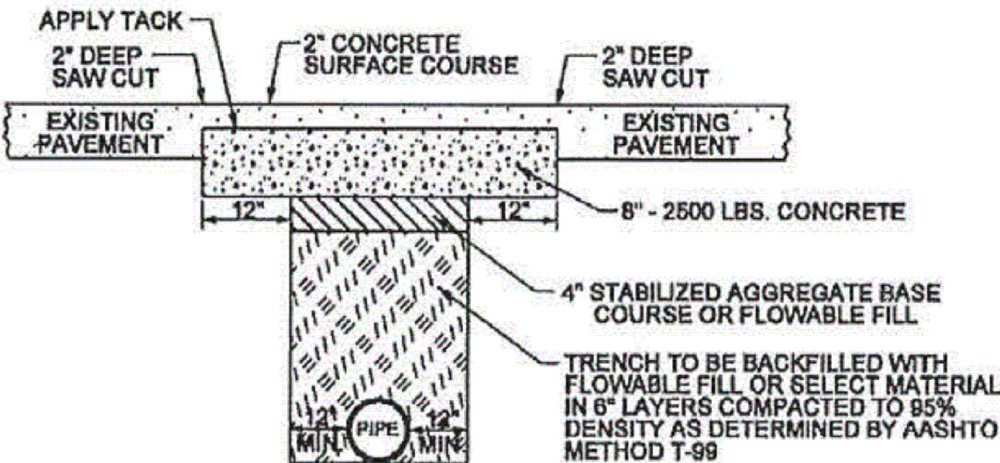
CLM 1905BZOP MTSO H1003 SCDOT 62.dwg

# PAVEMENT REPAIRS

## OPEN CUT REPAIR FOR CONCRETE PAVEMENT



## OPEN CUT REPAIR FOR HIGH VOLUME ASHALT PAVEMENT



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COLUMBIA

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| SURVEY:      |
| RAILROAD:    |

[illegible]

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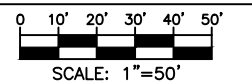
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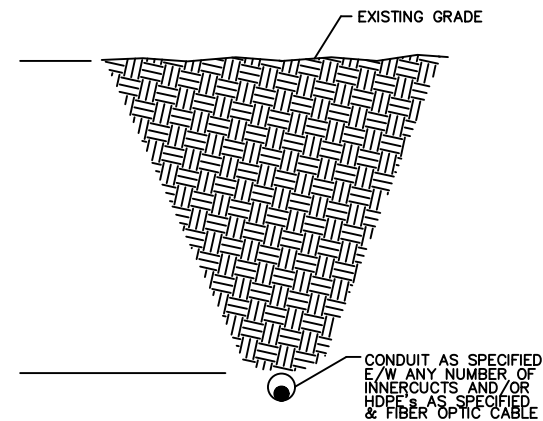
SHEET CONS. DETAIL

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| DWG. NAME |
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CLM\_1905BZOP\_MTSO\_H1003\_SCDOT\_62.dwg

## CONSTRUCTION DETAILS

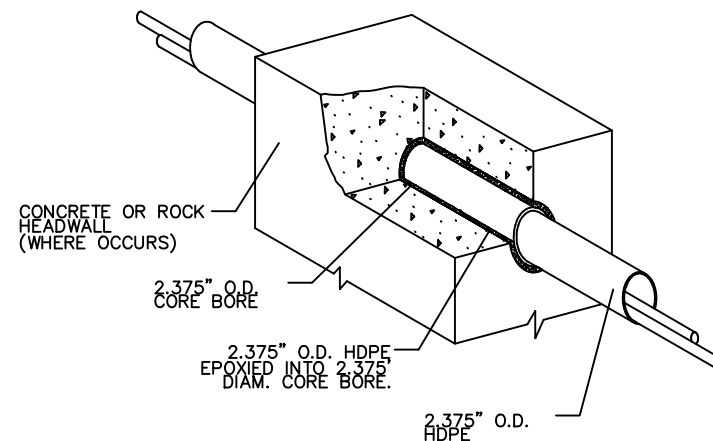
TYPICAL DETAIL "A"  
DIRECTIONAL BORE CROSS SECTION  
FOR CONDUIT



TYPICAL DETAIL "B"

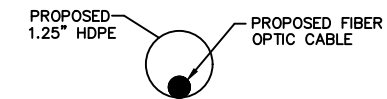
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2" CORE BORE



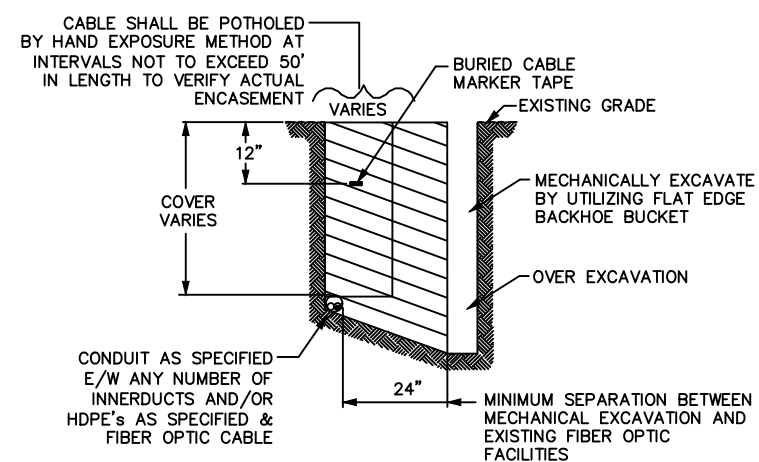
NOTE:  
EPOXY GROUT IS USED AT BOTH ENDS OF  
CORE BORE TO SEAL GAP BETWEEN  
4" CONDUIT AND PVC SHEEVE

TYPICAL DETAIL "C"  
CROSS SECTION OF PROPOSED HDPE



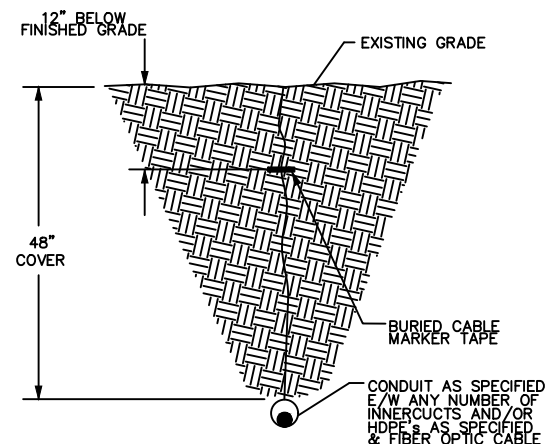
TYPICAL DETAIL "D"

## EXPOSE DIRECT BURIED CABLE BY POTHOLE/SIDE EXPOSURE METHOD



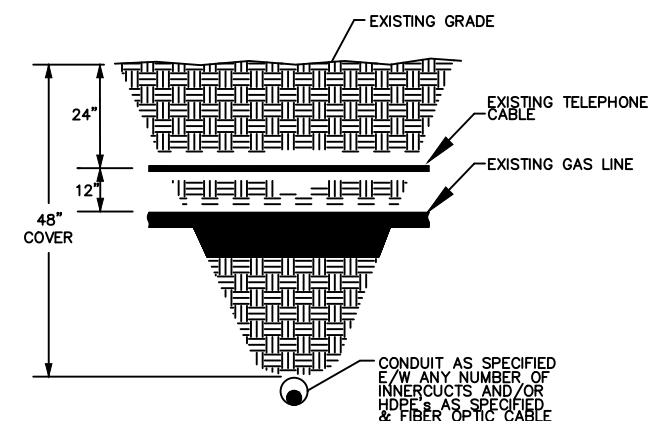
NOTE:  
DETAIL SHALL ONLY APPLY FOR  
THE EXPOSURE OF ALL BURIED CONDUIT,  
WHICH SHALL INCLUDE HDPE

TYPICAL DETAIL "E"  
PLACE HDPE



NOTE:  
ALL HDPE USED FOR MCI CABLE  
WILL BE TERRA-COTTA ORANGE  
IN COLOR AND MANUFACTURED  
IN ACCORDANCE WITH ASTM D-3035

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



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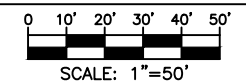
TO

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SCALE



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| MP | TO | MP |
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SHEET FDH DETAIL 432

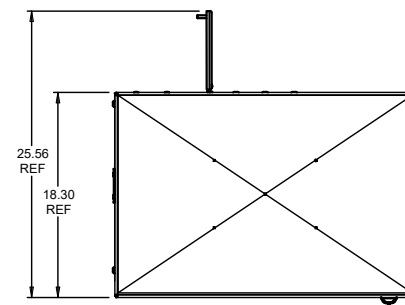
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| DWG. NAME |
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CLM\_1905BZOP\_MTSO\_H1003\_SCDOT\_62.dwg

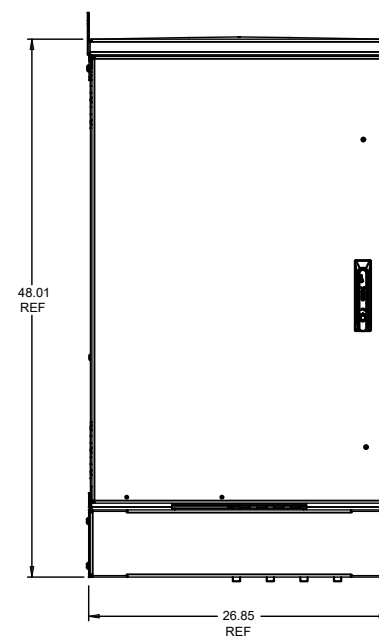
## HAND HOLE KITS

432 TERMINATION FDH 3000  
THIRD ANGLE PROJECTION, DIMENSIONS IN INCHES

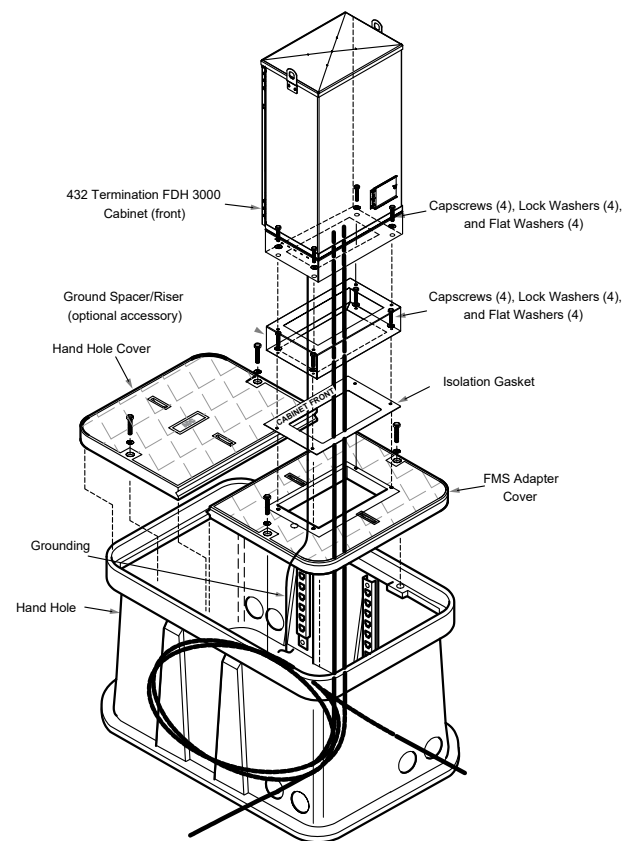
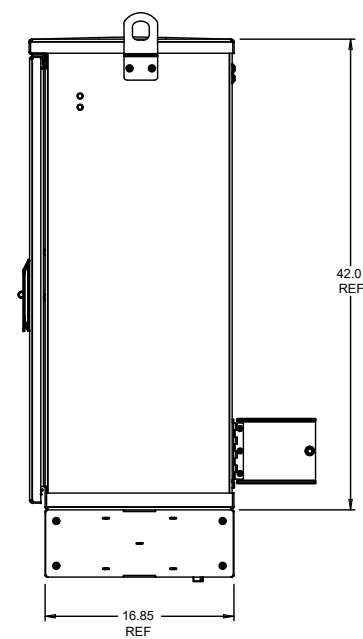
TOP VIEW



FRONT VIEW



SIDE VIEW



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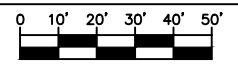
TO

## REVISIONS

[illegible]

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## SCALE



SCALE: 1"=50'

|    |    |    |
|----|----|----|
| MP | TO | MP |
|----|----|----|

|       |      |        |
|-------|------|--------|
| SHEET | TUBE | MARKER |
|-------|------|--------|

|           |
|-----------|
| DWG. NAME |
|-----------|

CLM\_1905BZOP\_MTSO\_H1003\_SCDOT\_62.dwg

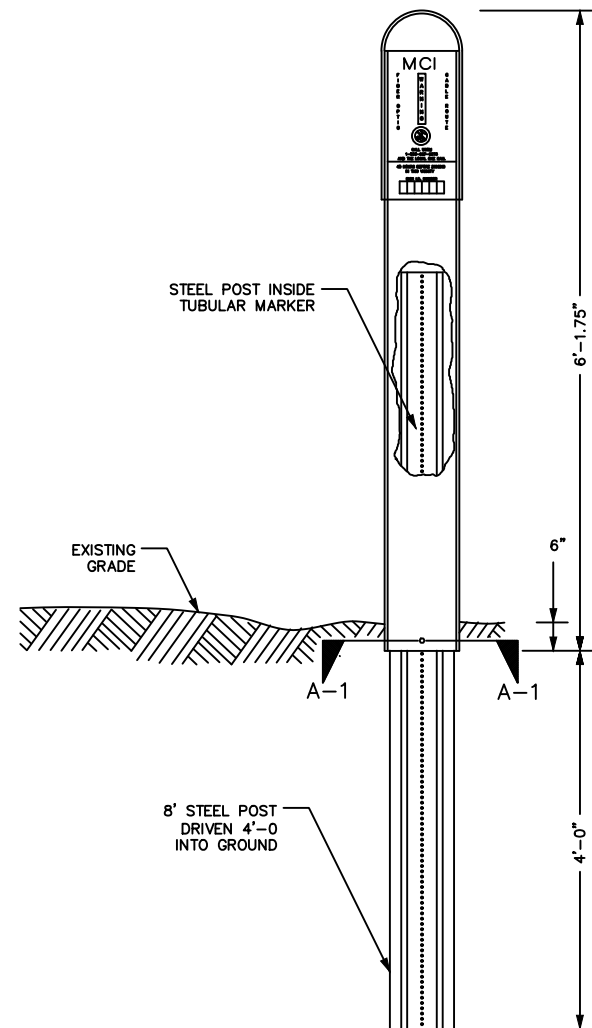
## TUBULAR MARKER DETAILS

(TUBULAR MARKERS TO BE USED ON SCDOT RIGHT OF WAYS ONLY)

DETAIL "A"

---

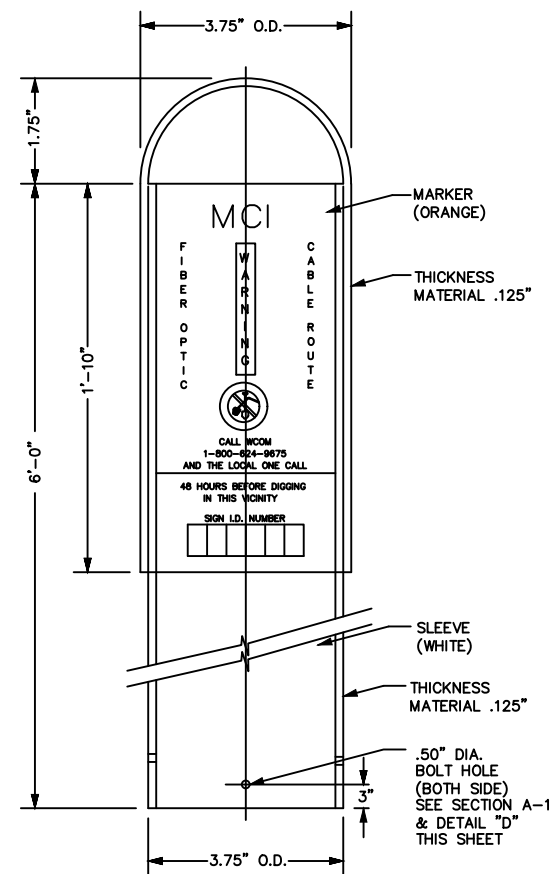
INSTALLATION VIEW



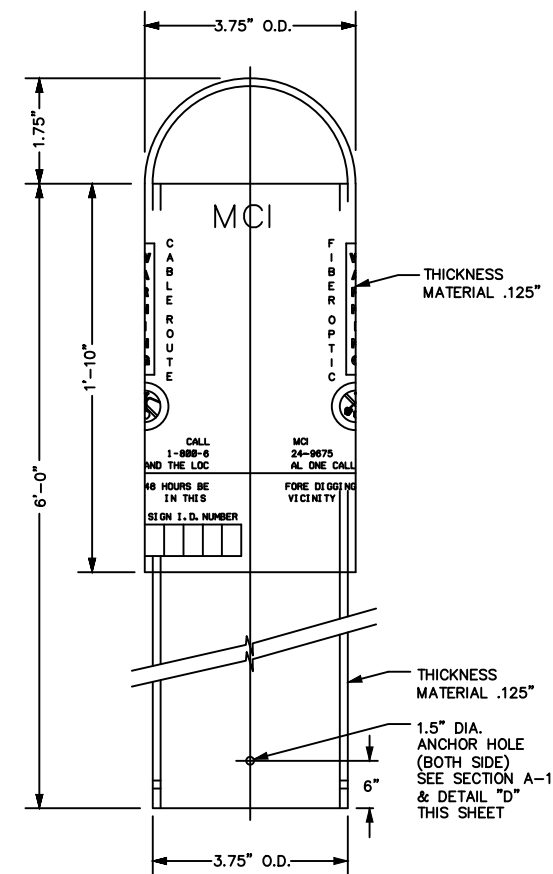
DETAIL "B"

---

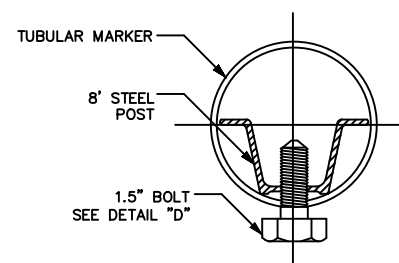
FRONT VIEW



DETAIL "C"  
SIDE VIEW



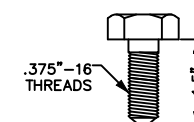
SECTION A-1  
TUBULAR MARKER



DETAIL "D"

---

1.5" BOLT



Know what's below.  
**Call** before you dig.

**COLUMBIA, SC**



PROJECT: # 1905BZOP

SPAN: \_\_\_\_\_

COLUMBIA

|              |
|--------------|
| MAP FOOTAGE: |
| SURVEY:      |
| RAILROAD:    |

[illegible]

PROJECT NUMBER  
1905BZOP  
PROJECT TITLE

MTSO H1003

TITLE: FIBER OPTIC CABLE ROUTE  
FROM

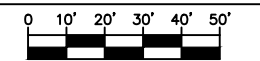
TO

## REVISIONS

[illegible]

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WRITTEN PERMISSION.

SCALE



SCALE: 1"=50'

|    |    |    |
|----|----|----|
| MP | TO | MP |
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|       |      |      |      |
|-------|------|------|------|
| SHEET | BACK | BONE | SPUR |
|-------|------|------|------|

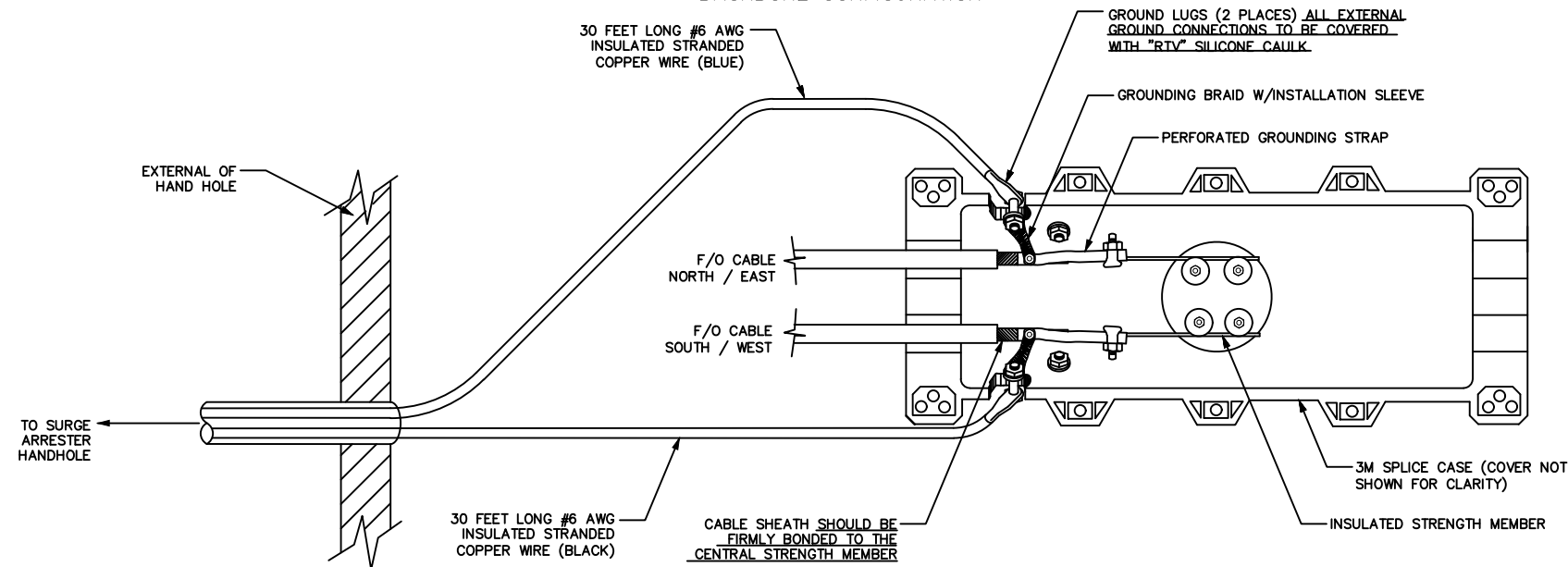
|           |
|-----------|
| DWG. NAME |
|-----------|

CLM\_1905BZOP\_MTSO\_H1003\_SCDOT\_62.dwg

## BACKBONE / BACKBONE AND SPUR CONFIGURATION DETAILS

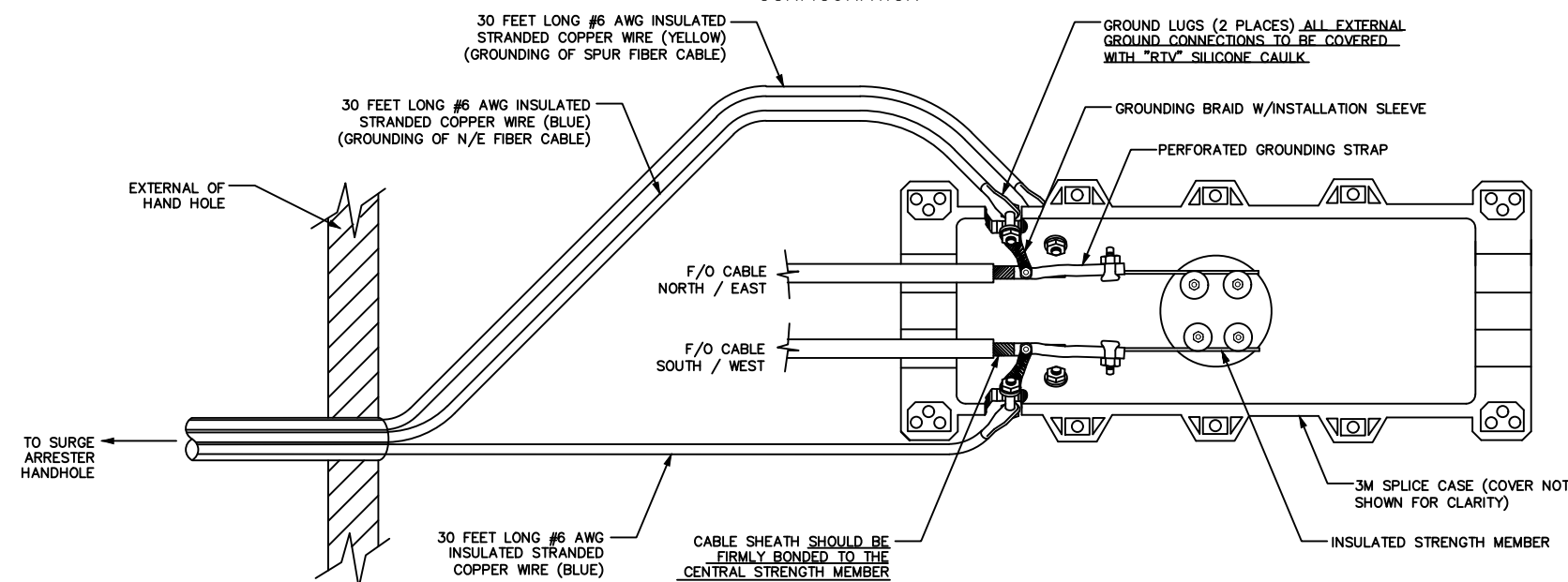
DETAIL "A"

## BACKBONE CONFIGURATION



DETAIL "B"

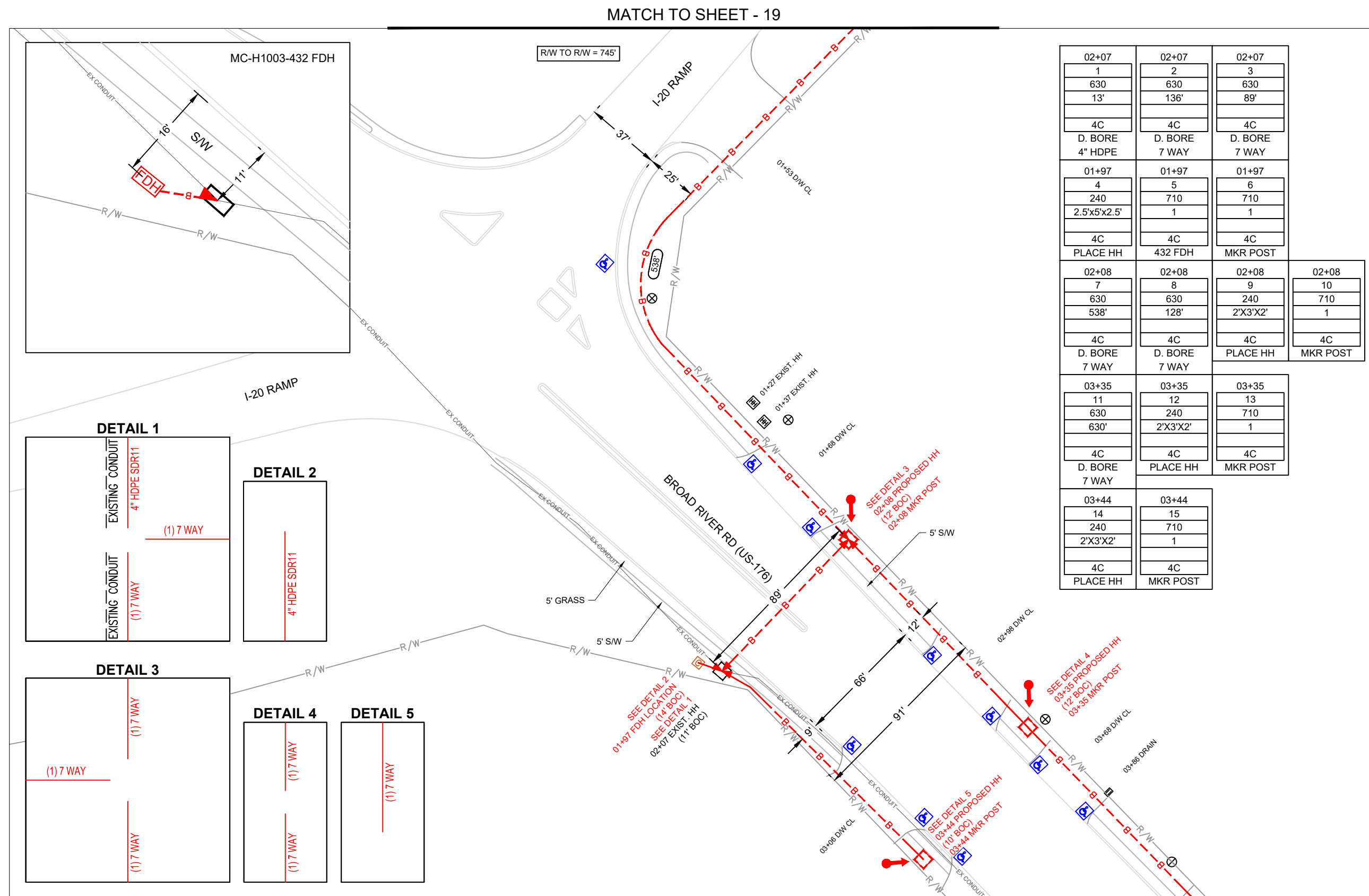
## BACKBONE AND SPUR CONFIGURATION



Know what's below.  
**Call** before you dig.



NOTE:  
42" MINIMUM BETWEEN EOP AND BACK OF R/W  
48" MINIMUM FOR ROAD CROSSINGS



## MATCH SHEET - 2



PROJECT: # 1905BZOP

SPAN: \_\_\_\_\_

COLUMBIA

MAP FOOTAGE:  
SURVEY:  
RAILROAD:

[illegible]

PROJECT NUMBER  
1905BZOP  
PROJECT TITLE

MTSO H1003

TITLE: FIBER OPTIC CABLE ROUTE  
FROM

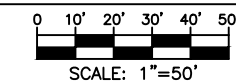
TO

## REVISIONS

[illegible]

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## SCALE



|    |    |    |
|----|----|----|
| MP | TO | MP |
|----|----|----|

SHEET 1 OF 30

[illegible]

CLM 1905BZOP MTSO H1003 SCDOT 62.dwg



Know what's below.  
**Call** before you dig.

NOTE:  
42" MINIMUM BETWEEN EOP AND BACK OF R/W  
48" MINIMUM FOR ROAD CROSSINGS



PROJECT: # 1905BZOP

SPAN: \_\_\_\_\_

COLUMBIA

MAP FOOTAGE:

**SURVEY:**

RAILROAD:

[illegible]

PROJECT NUMBER  
1905BZOP  
PROJECT TITLE

MTSO H1003

TITLE: FIBER OPTIC CABLE ROUTE  
FROM

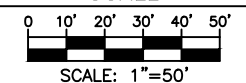
TO

## REVISIONS

[illegible]

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## SCALE



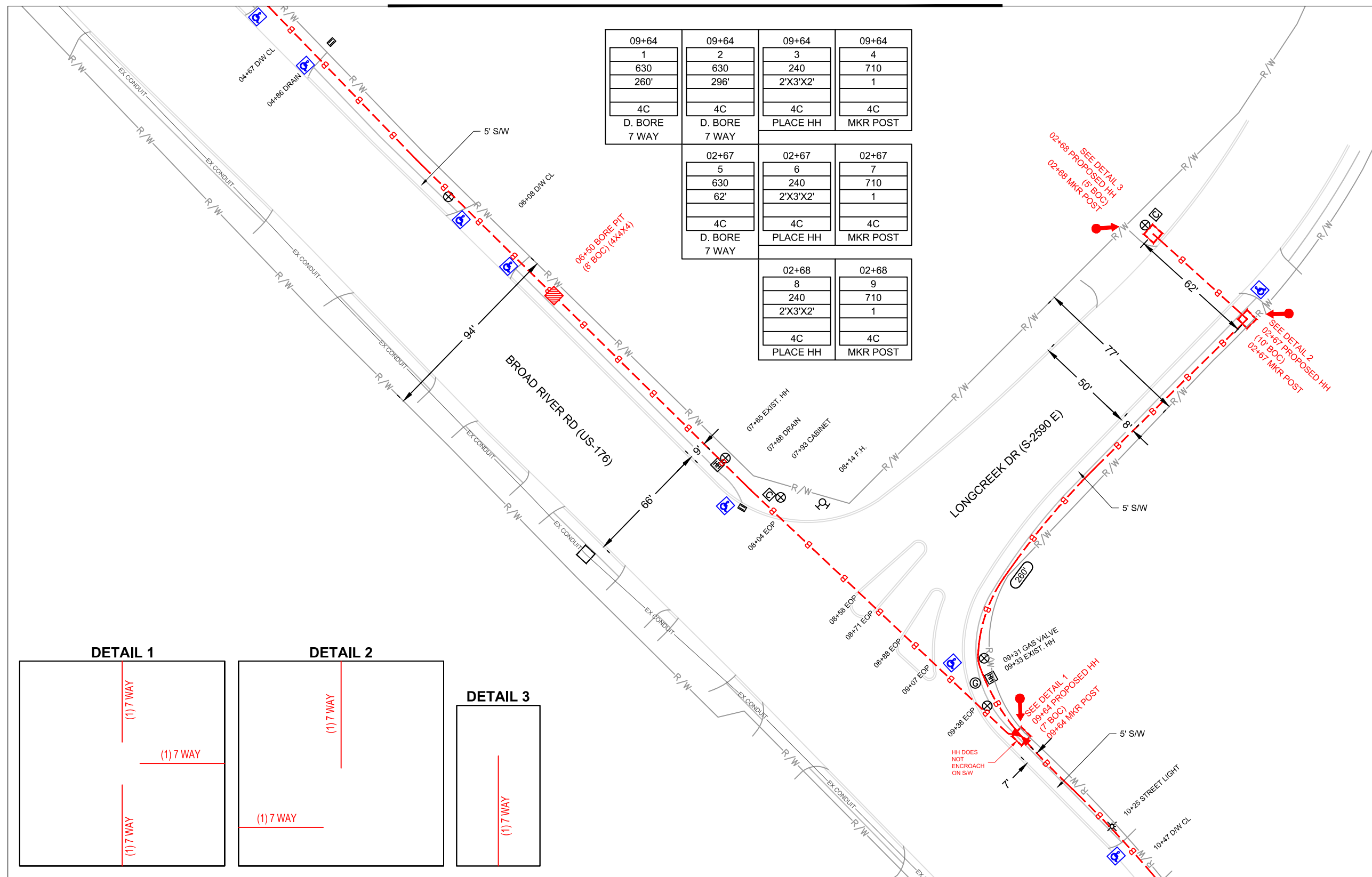
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|----|----|----|
| MP | TO | MP |
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SHEET 2 OF 30

|           |
|-----------|
| DWG. NAME |
|-----------|

CLM\_1905BZOP\_MTSO\_H1003\_SCDOT\_62.dwg

MATCH TO SHEET - 1



MATCH SHEET - 3



Know what's **below**.  
**Call** before you dig.

NOTE:  
42" MINIMUM BETWEEN EOP AND BACK OF R/W  
48" MINIMUM FOR ROAD CROSSINGS



PROJECT: # 1905BZOP

SPAN: \_\_\_\_\_

COLUMBIA

MAP FOOTAGE:  
SURVEY:  
RAILROAD:

[illegible]

PROJECT NUMBER  
1905BZOP  
PROJECT TITLE

MTSO H1003

TITLE: FIBER OPTIC CABLE ROUTE  
FROM

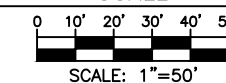
TO

## REVISIONS

[illegible]

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## SCALE

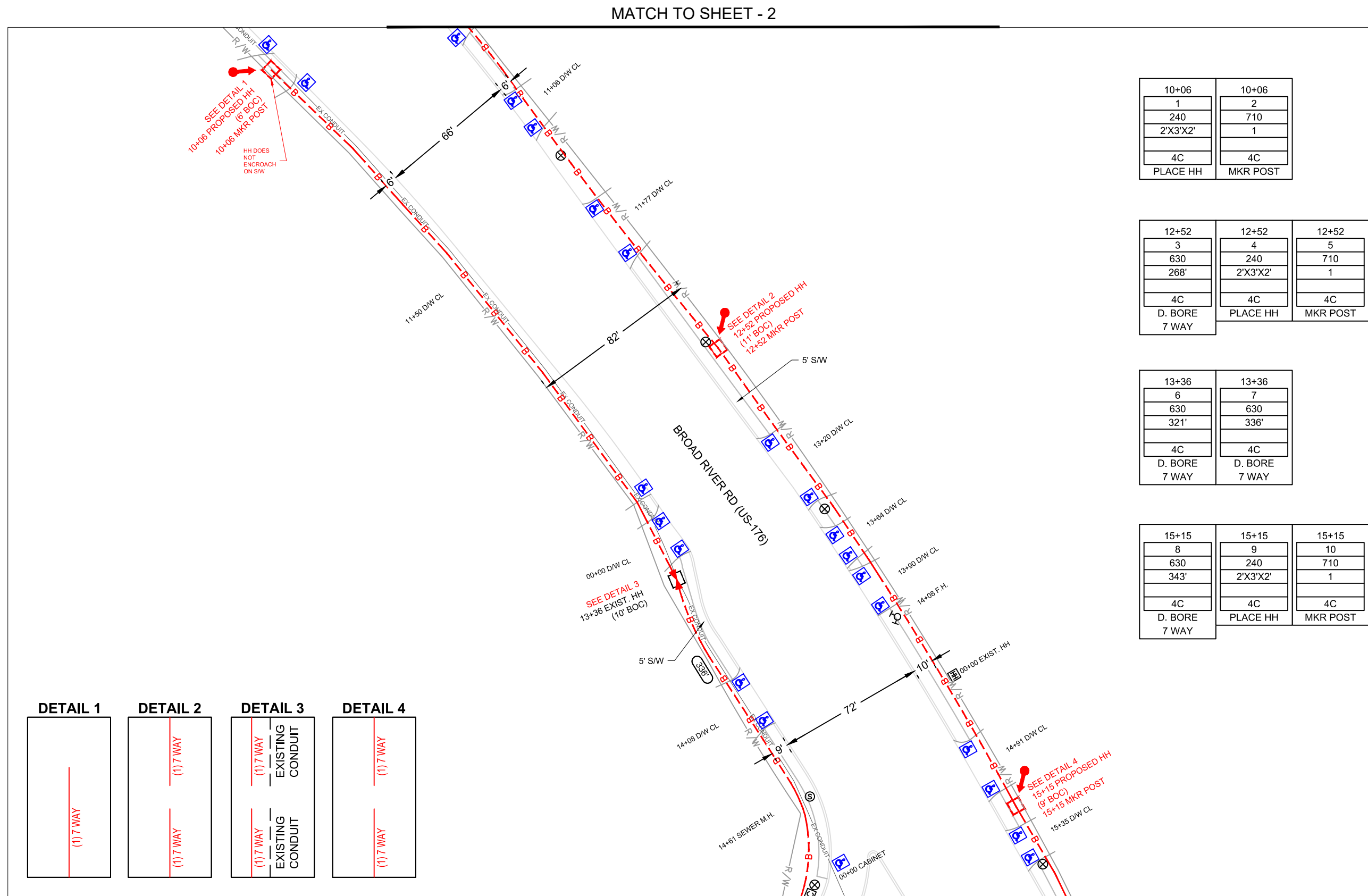


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| MP | TO | MP |
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SHEET 3 OF 30

|           |
|-----------|
| DWG, NAME |
|-----------|

CLM 1905BZOP MTSO H1003 SCDOT 62.dwg



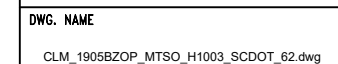
MATCH SHEET - 4



Know what's below.  
Call before you dig.



MATCH TO SHEET - 15





NOTE:  
42" MINIMUM BETWEEN EOP AND BACK OF R/W  
48" MINIMUM FOR ROAD CROSSINGS



PROJECT: # 1905BZOP

SPAN: \_\_\_\_\_

COLUMBIA

MAP FOOTAGE:

**SURVEY:**

RAILROAD:

[illegible]

PROJECT NUMBER  
1905BZOP  
PROJECT TITLE

MTSO H1003

TITLE: FIBER OPTIC CABLE ROUTE  
FROM

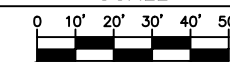
TO

## REVISIONS

[illegible]

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## SCALE



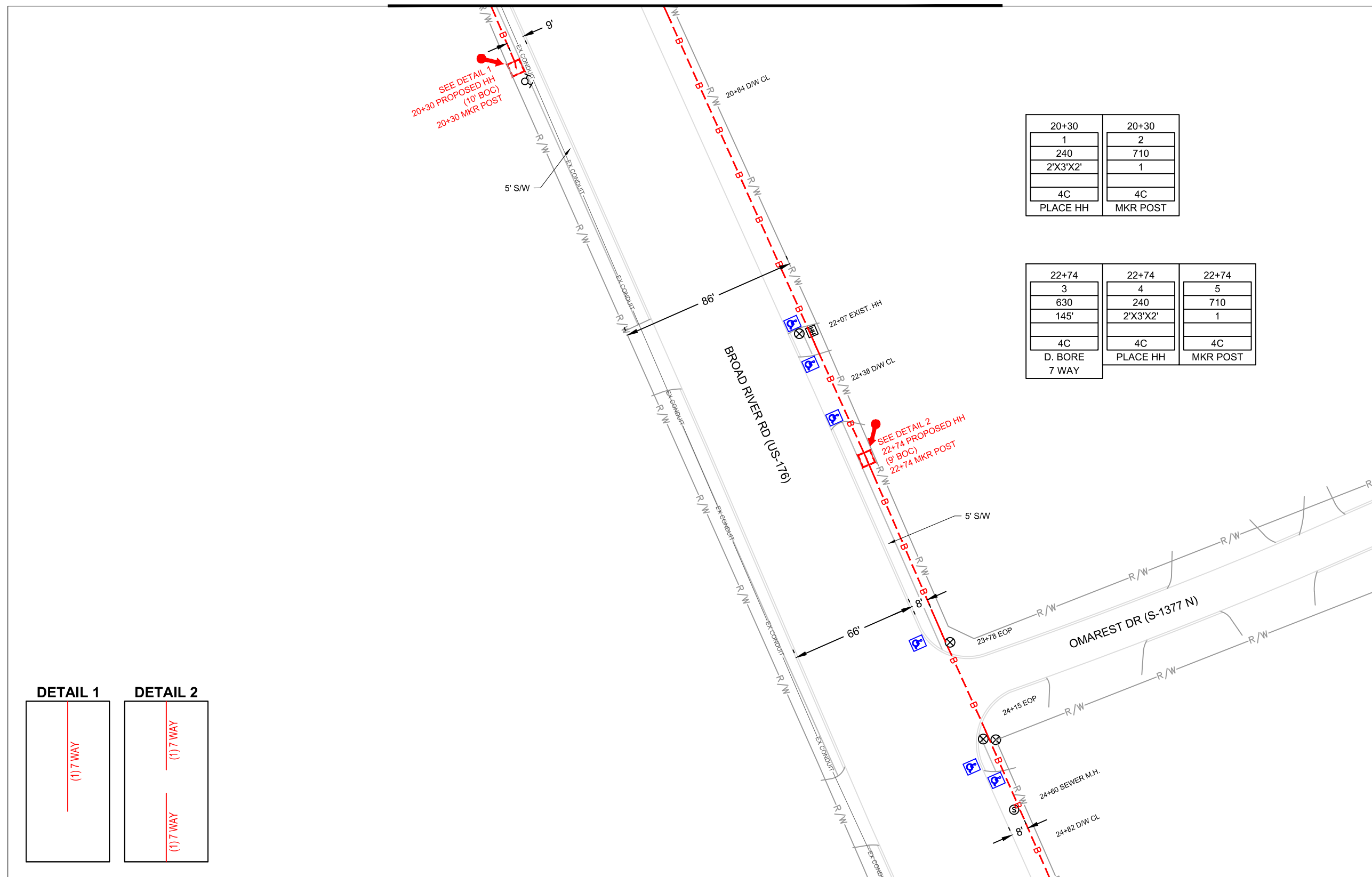
SCALE: 1"=50'

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| MP | TO | MP |
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SHEET 5 OF 30

|           |
|-----------|
| DWG. NAME |
|-----------|

CLM\_1905BZOP\_MTSO\_H1003\_SCDOT\_62.dwg



### DETAIL 1

## DETAIL 2

**(1) 7 WAY**

1) 7 WAY

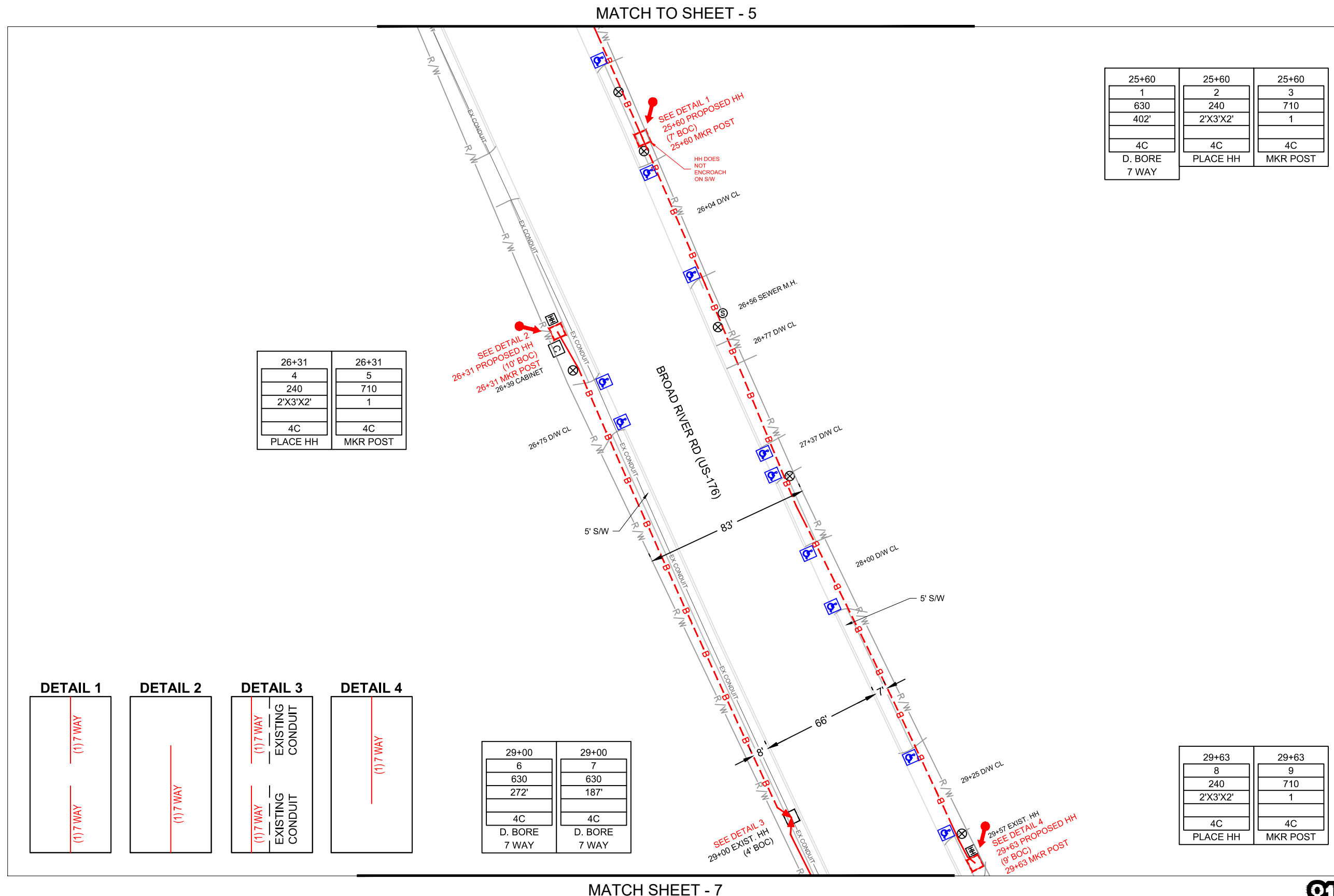
### 1) 7 WAY

MATCH SHEET - 6



Know what's below.  
**Call** before you dig.

NOTE:  
42" MINIMUM BETWEEN EOP AND BACK OF R/W  
48" MINIMUM FOR ROAD CROSSINGS



PROJECT: # 1905BZOP

SPAN: \_\_\_\_\_

COLUMBIA

MAP FOOTAGE:  
SURVEY:  
RAILROAD:

[illegible]

PROJECT NUMBER  
1905BZOP  
PROJECT TITLE

MTSO H1003

TITLE: FIBER OPTIC CABLE ROUTING FROM

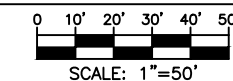
TC

## REVISIONS

[illegible]

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## SCALE



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| MP | TO | MP |
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SHEET 6 OF 30

|           |
|-----------|
| DWG. NAME |
|-----------|

CLM 1905BZOP MTSO H1003 SCDOT 62.dwg



Know what's below.  
**Call** before you dig.

NOTE:  
42" MINIMUM BETWEEN EOP AND BACK OF R/W  
48" MINIMUM FOR ROAD CROSSINGS



PROJECT: # 1905BZOP

SPAN: \_\_\_\_\_

COLUMBIA

MAP FOOTAGE:

**SURVEY:**

RAILROAD:

[illegible]

PROJECT NUMBER  
1905BZOP  
PROJECT TITLE

MTSO H1003

TITLE: FIBER OPTIC CABLE ROUTE  
FROM

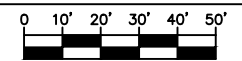
TO

## REVISIONS

[illegible]

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## SCALE

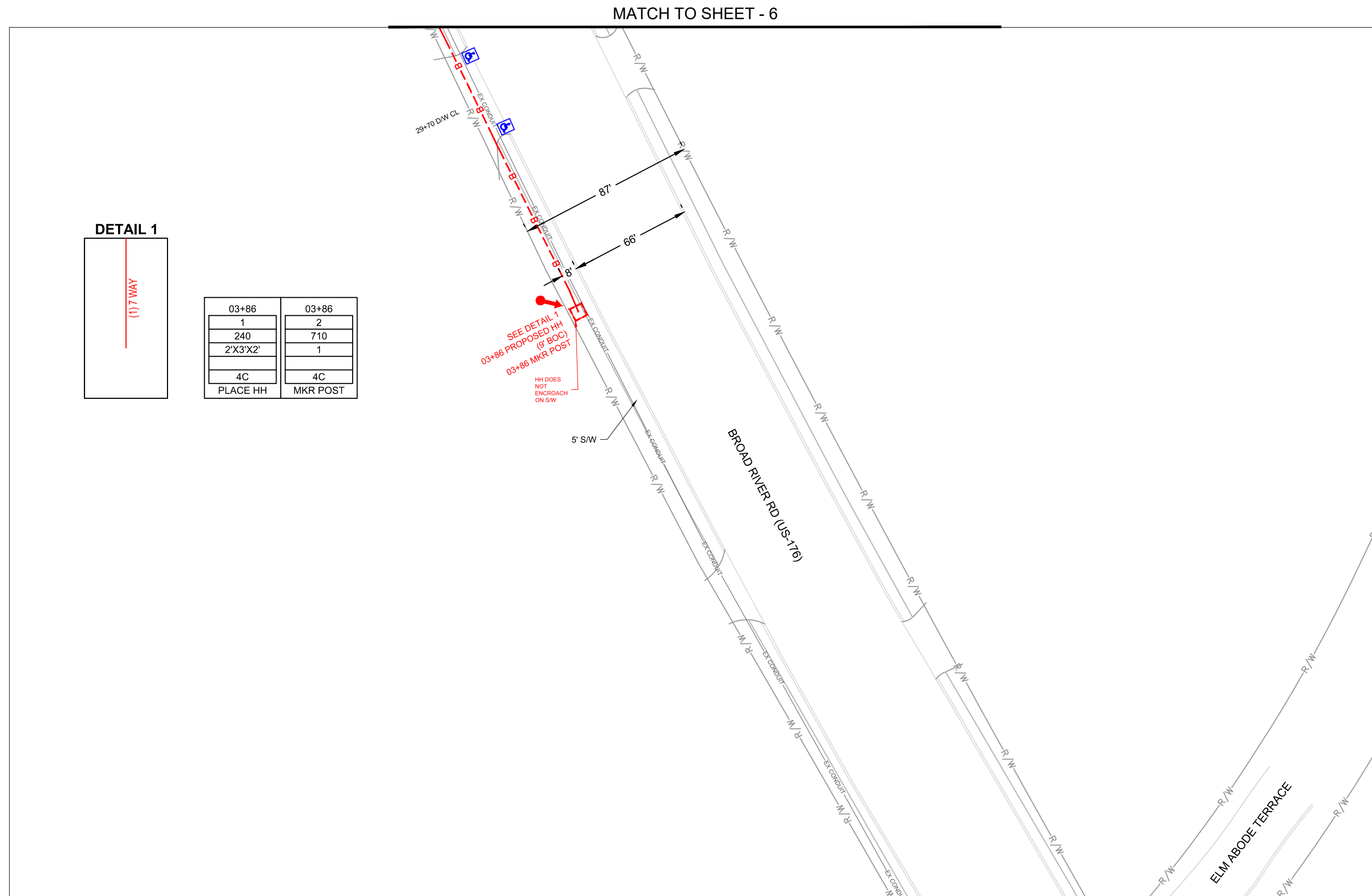


SCALE: 1"=50'

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| MP | TO MP |
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|           |
|-----------|
| DWG. NAME |
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CLM\_1905BZOP\_MTSO\_H1003\_SCDOT\_62.dwg

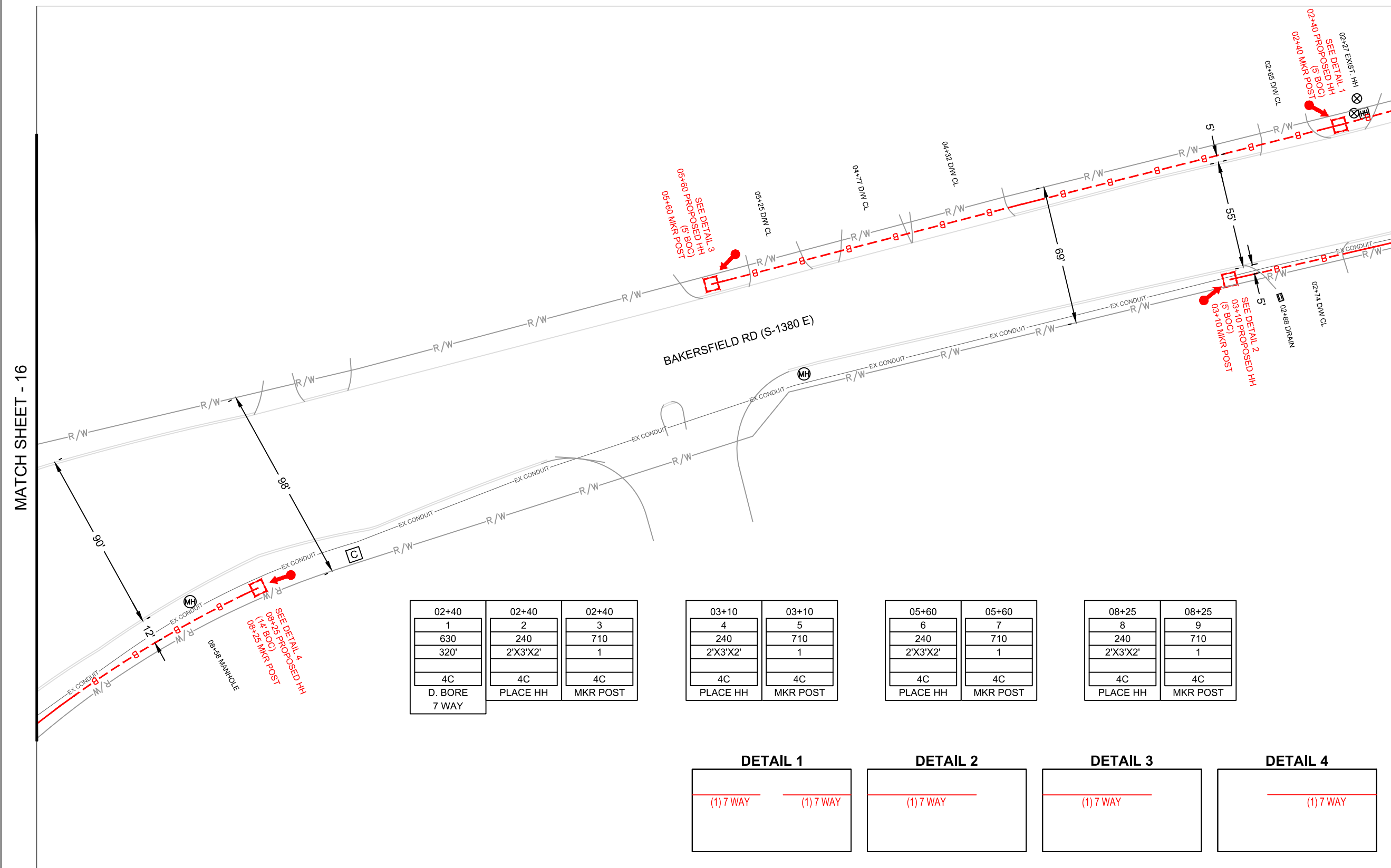


MATCH SHEET - 8



Know what's **below**.  
**Call** before you dig.

NOTE:  
42" MINIMUM BETWEEN EOP AND BACK OF R/W  
48" MINIMUM FOR ROAD CROSSINGS



PROJECT: # 1905BZOP

SPAN: \_\_\_\_\_

COLUMBIA

|              |
|--------------|
| MAP FOOTAGE: |
| SURVEY:      |
| RAILROAD:    |

[illegible]

PROJECT NUMBER  
1905BZOP  
PROJECT TITLE

MTSO H1003

TITLE: FIBER OPTIC CABLE ROUTE  
FROM

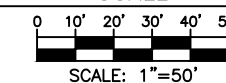
TO

## REVISIONS

[illegible]

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## SCALE



|    |    |    |
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| MP | TO | MP |
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SHEET 15 OF 30

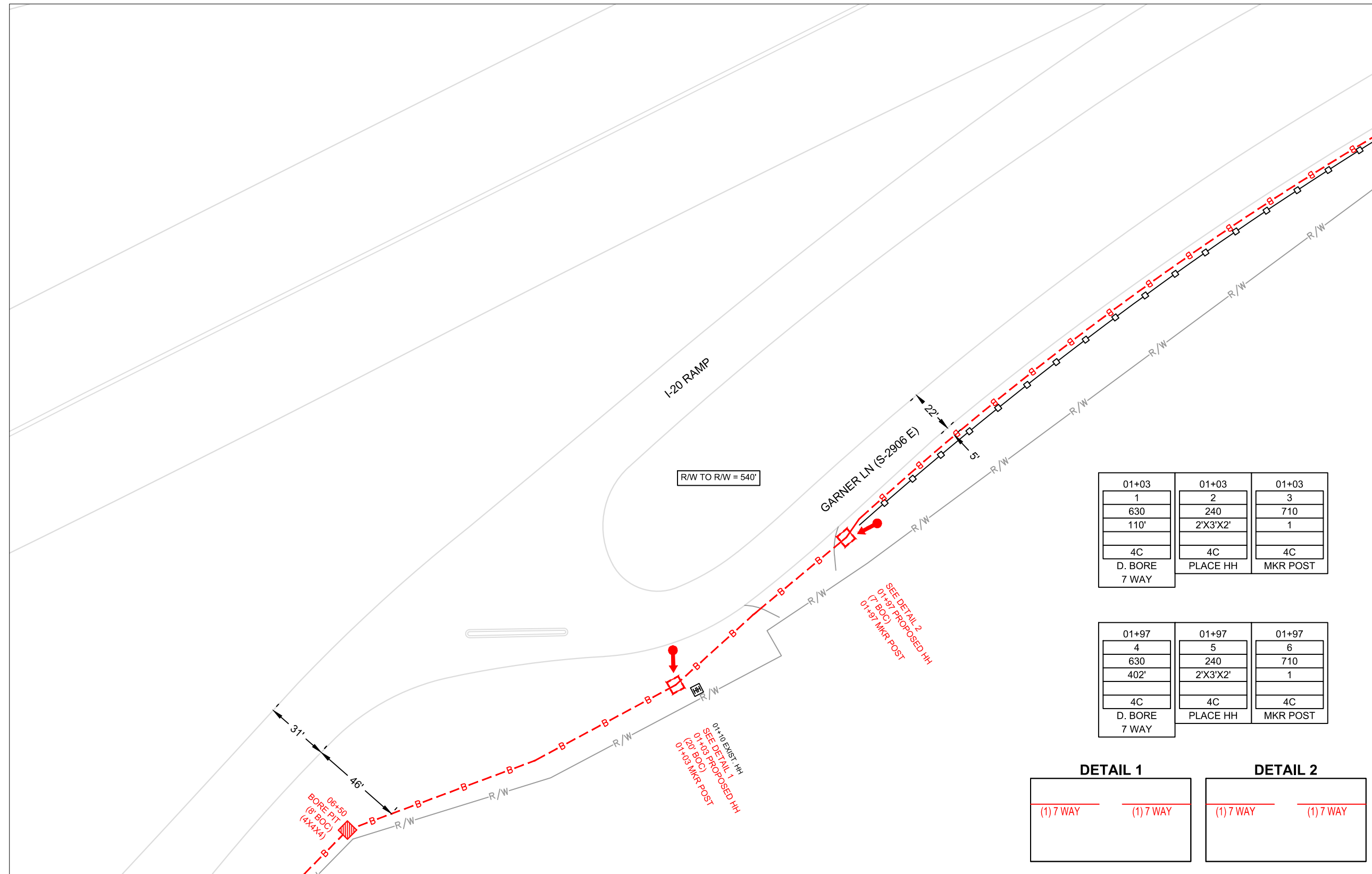
|           |
|-----------|
| DWG. NAME |
|-----------|

CLM\_1905BZOP\_MTSO\_H1003\_SCDOT\_62.dwg



Know what's below.  
**Call** before you dig.

NOTE:  
42" MINIMUM BETWEEN EOP AND BACK OF R/W  
48" MINIMUM FOR ROAD CROSSINGS



MATCH TO SHEET - 1



Know what's **below**.  
**Call** before you dig.



PROJECT: # 1905BZOP

SPAN: \_\_\_\_\_

COLUMBIA

MAP FOOTAGE:

**SURVEY:**

RAILROAD:

[illegible]

PROJECT NUMBER  
1905BZOP  
PROJECT TITLE

MTSO H1003

TITLE: FIBER OPTIC CABLE ROUTE  
FROM

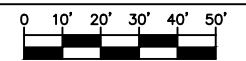
TO

## REVISIONS

[illegible]

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WRITTEN PERMISSION.

## SCALE



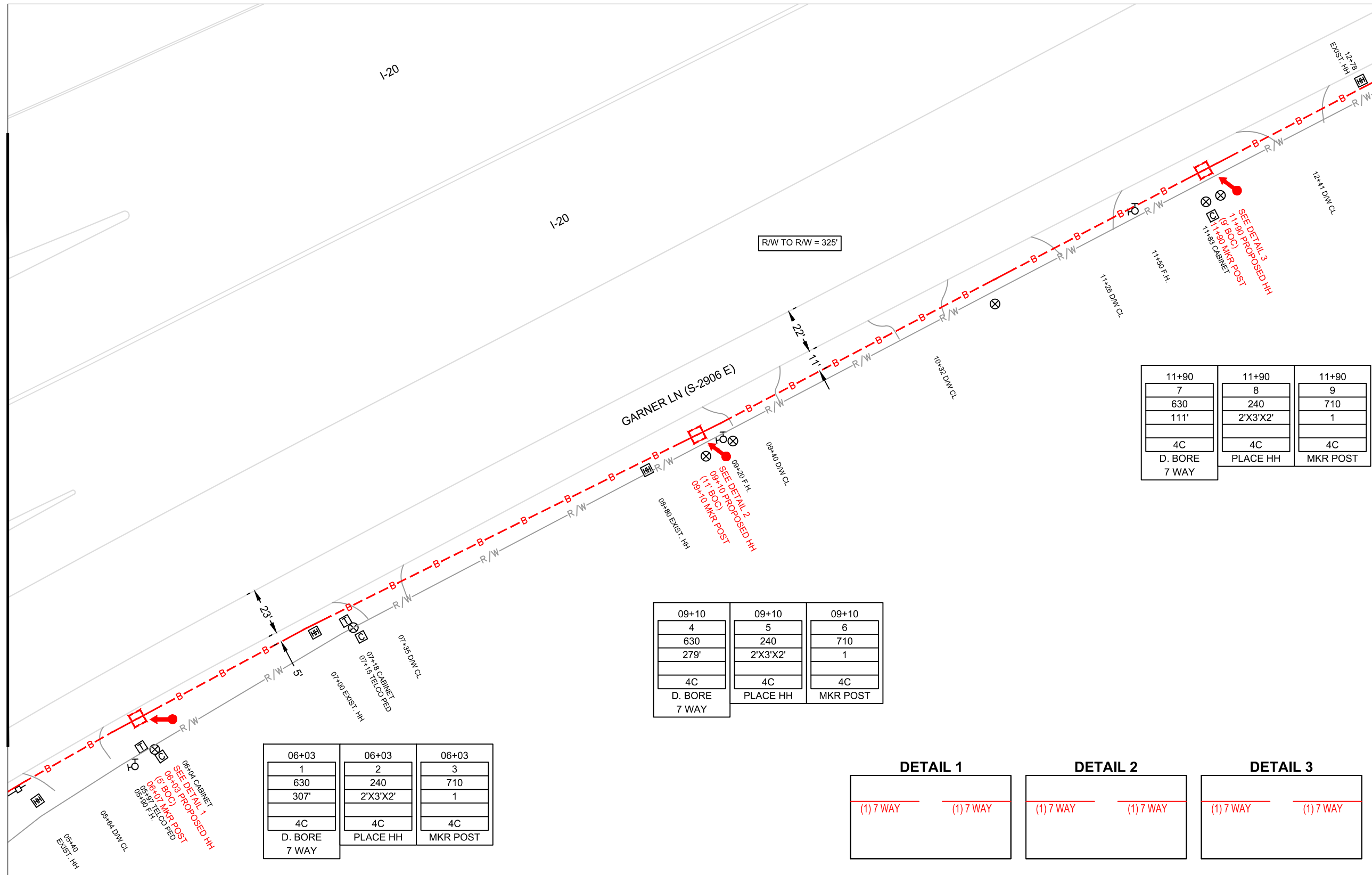
SCALE: 1"=50'

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| MP | TO | MP |
|----|----|----|

|           |
|-----------|
| DWG. NAME |
|-----------|

CLM\_1905BZOP\_MTSO\_H1003\_SCDOT\_62.dwg

MATCH TO SHEET - 19

[illegible]

MATCH TO SHEET - 20



COLUMBIA

|                 |      |  |
|-----------------|------|--|
| (1) 7 WAY       | 488' |  |
| 2' X 3' X 2' HH | 3    |  |
| MKR             | 3    |  |

[illegible]

MTSO H1003

TO

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0 10' 20' 30' 40' 50'

SCALE: 1"=50'

SHEET 21 OF 30

|           |
|-----------|
| DWG, NAME |
|-----------|

CLM\_1905BZOP\_MTSO\_H1003\_SCDOT\_62.dwg