



## COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS AGENDA ITEM REQUEST FORM

The Board of County Commissioners meets the 1st and 3rd Thursday of each month at 5:30 p.m. in the Columbia County School Board Administrative Complex Auditorium, 372 West Duval Street, Lake City, Florida 32055. All agenda items are due in the Board's office one week prior to the meeting date.

Today's Date: 12/3/2020 Meeting Date: 12/17/2020

Name: Kevin Kirby Department: Public Works

Division Manager's Signature:

A handwritten signature in blue ink, appearing to be "K. Kirby", is written over a horizontal line.

### 1. Nature and purpose of agenda item:

Utility Permit from Hargray of Florida to run a cable along SW Bascom Norris Drive and Marvin Burnett Segment 6

### 2. Recommended Motion/Action:

Approve

### 3. Fiscal impact on current budget.

This item has no effect on the current budget.

**COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS  
UTILITY PERMIT**

Date: 12/01/2020 Permit No. \_\_\_\_\_ County Road Bascom Norris Drive Section No. \_\_\_\_\_

Permittee Hargray of Florida Marvin Burnett Road

Address 8324 Baymeadows Way Suite 102 Jacksonville, FL 32256 Telephone Number 904-229-6538

Requesting permission from Columbia County, Florida, hereinafter called the County, to contract, operate and maintain directional bore 6,874' (2) 1-25" HDPE innerducts equipped with fiber optic cable and place (8) 30" x 48" x 24" vaults

FROM: \_\_\_\_\_ TO: \_\_\_\_\_

Submitted for the Utility Owner by: Keith Ratteree Keith Ratteree 12/01/2020  
Typed Name & Title Signature Date

1. Permittee declares that prior to filing this application it has determined the location of all existing utilities, both aerial and underground and the accurate locations are shown on the plans attached hereto and made a part of this application. Proposed work is within corporate limits of Municipality: YES ( ☒ ) NO ( ☐ ). IF YES: LAKE CITY ( ☒ ) FORT WHITE ( ☐ ). A letter of notification was mailed on 07/31/2020 to the following utility owners Comcast, MCI, AT&T, TECO Peoples Gas, Traffic Control Devices

2. The Columbia County Public Works Director shall be notified twenty-four (24) hours prior to starting work and again immediately upon completion of work. The Public Works Director is \_\_\_\_\_, located at 607 NW Quinter Street Lake City, FL 32055 Telephone Number 386-758-1019. The PERMITTEE's employee responsible for Maintenance of Traffic is \_\_\_\_\_ Telephone Number \_\_\_\_\_ (This name may be provided at the time of the 24 hour notice to starting work.)

3. This PERMITTEE shall commence actual construction in good faith within 40 days after issuance of permit, and shall be completed within 60 days after permitted work has begun. If the beginning date is more than 60 days from date of permit approval, then PERMITTEE must review the permit with the Columbia County Public Works Director to make sure no changes have occurred in the transportation facility that would affect the permitted construction.

4. The construction and maintenance of such utility shall not interfere with the property and rights of a prior PERMITTEE.

5. It is expressly stipulated that this permit is a license for permissive use only and that the placing of utilities upon public property pursuant to this permit shall not operate to create or vest any property right in said holder.

6. Pursuant to Section 337-403(1), Florida Statutes, whenever necessary for the construction, repair, improvement, maintenance, safe and efficient operation, alteration or relocation of all, or any portion of said transportation facility as determined by the Columbia County Public Works Director and/or County Engineer, any or all utilities and appurtenances authorized hereunder, shall be immediately removed from said transportation facility or reset or

relocated thereon as required by the Columbia County Public Works Director and/or County Engineer and at the expense of the PERMITTEE.

7. In case of non-compliance with the County's requirements in effect as of the approval date of this permit, this permit void and the facility will have to be brought into compliance or removed from the right of way at no cost to the County.

8. It is understood and agreed that the rights and privileges herein set out are granted only to the extent of the County's right, title and interest in the land to be entered upon and used by the PERMITTEE, and the PERMITTEE will, at all times, and to the extent permitted by law, assume all risk of and indemnify, defend, and save harmless Columbia County, Florida from any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercise by said PERMITTEE of the aforesaid right and privileges.

9. During construction, all safety regulations of the County shall be observed and the PERMITTEE must take measures, including pacing and the display of safety devices that may be necessary in order to safely conduct the public through the project area in accordance with the Federal Manual on Uniform Traffic Control Devices, as amended for highways.

10. Should the PERMITTEE be desirous of keeping its utilities in place and out of service, the PERMITTEE, by execution of this permit acknowledges its present and continuing ownership of its utilities located between Bascom Norris Drive and Marvin Burnett Road within the County's right of way as set forth above. PERMITTEE, as its sole expense, shall promptly remove said out of service utilities whenever Columbia County Public Works Director and/or County Engineer determines said removal is in the public interest.

11. Special instructions: Minimum cover of thirty inches (30") will be required at all locations. Columbia County will not be financially responsible for any damage to facilities with less than thirty inches (30") cover. Cables shall not be located within driveway ditches.

12. Additional Stipulations: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

It is understood and agreed that commencement by the PERMITTEE is acknowledgment and acceptance of the binding nature of these specialist instructions.

Submitted By: Keith Ratteree  
Permittee

Place Corporate Seal

**Keith Ratteree**

Digitally signed by Keith Ratteree  
DN: cn=Keith Ratteree, o=Hargray of Florida, ou=Sr. Design  
Engineer, email=Keith.Ratteree@hargrayfl.com, c=US  
Date: 2020.12.01 15:49:54 -0500

Signature and Title

\_\_\_\_\_  
Attested

Utilities Permit  
Page three  
Revised: 8/17/00

Recommended for Approval:

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

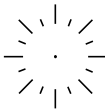
*HCJ*  
*Assistant County Manager*  
*12-2-2020*

Approval by Board of County Commissioners, Columbia County, Florida:

YES ( )      NO ( )

Date Approved: \_\_\_\_\_


Chairman's Signature: \_\_\_\_\_



LAKE CITY, FL  
LAKE CITY PROJECT  
SEGMENT 6

COLUMBIA COUNTY, FL

PROJECT: CONSTRUCTION



**BYERS**  
ENGINEERING  
COMPANY

710 S Marietta Street  
Gastonia, NC 28052  
704-868-8580

DATE:	PROJECT PHASE:	DESCRIPTION:
05/15/2020	DESIGN	CONSTRUCTION
	AS-BUILT	
	REVISED	
	REVISED(2)	
DRAFTED BY: ADRIAN BROWN		ENGINEER(S): ROSS BRADLEY

CONSTRUCTION NOTE:  
FOLLOW DETAIL SHEETS FOR  
PLACEMENT OPERATIONS  
CONFORMING TO FEDERAL,  
STATE, AND LOCAL CODES.

LOCATION:  
LAKE CITY  
COLUMBIA COUNTY, FL

SCALE:    HORIZONTAL: NTS  
             VERTICAL: NTS



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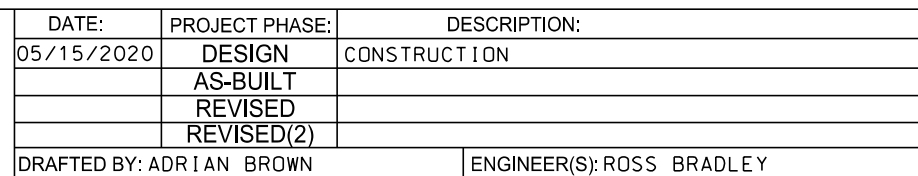
PROJECT CODE:

JOB NO: FSC01005

TITLE:  
LAKE CITY FL  
SEGMENT 6

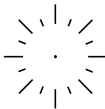
DWG NO:        1    OF    6





DWG NO: 2 OF 6





SHEET LIST

COVER SHEET  
VICINITY MAP  
SHEET INDEX & BILL OF MATERIALS  
LEGEND  
EROSION CONTROL  
BORE DETAILS

DRAWING SHEETS 1-10

M.O.T  
102-601  
102-602  
102-611  
102-612  
102-660

MAINTENANCE OF TRAFFIC PLANS INCLUDED WITH DRAWING

CONSTRUCTION NOTES:  
1) SIDEWALK TO BE REMOVED AND REPLACED AS NEEDED FOR BORE AND CORE  
2) RESTORATION PER FDOT STANDARDS  
3) UTILITY LOCATIONS (TELEPHONE AND NON-TELEPHONE) ARE TO BEST INFORMATION AND APPROXIMATE ONLY. SEE OWNERS & CONTRACTORS FOR VERIFICATION OF EXACT LOCATION PRIOR TO WORK OPERATIONS.  
4) CALL FOR INSPECTIONS.  
5) RESTORE ALL EXCAVATIONS TO ORIGINAL OR BETTER.  
6) ALL TRENCHES WILL BE OPENED AND MAINTAINED FOLLOWING STANDARDS.  
IT IS RECOMMENDED THAT AND DIGGING, SOFT, SOFT DIGGING, VACUUM EXCAVATION ETC. BE USED IN THE 24" TOLERANCE ZONE TO EXPOSE UNDERGROUND FACILITIES.  
7) CALL SUNSHINE STATE ONE CALL FLORIDA, INC AT 811 TO REQUEST A LOCATE OF ANY UNDERGROUND FACILITIES AT YOUR EXCAVATION SITE.  
8) CONTRACTOR TO PROVIDE A NOTICE OF COMMENCEMENT TO THE PERMIT AGENCY ENGINEERING DEPARTMENT 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.  
9) MAINTAIN 18" VERTICAL CLEARANCE, 6' HORIZONTAL CLEARANCE BETWEEN EXISTING UTILITIES AND 36" COVER.  
10) ALL WORK PERFORMED WITHIN THE FDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FDOT DESIGN STANDARDS, THE LATEST EDITION OF THE SPECIFICATIONS FOR ROAD AND BRODGE CONSTRUCTION AND THE 2017 UTILITY ACCOMMODATION MANUAL. PERMITEE SHALL NOT BEGIN A DIRECTIONAL BORE ACROSS A STATE ROAD UNTIL A FDOT INSPECTOR IS PRESENT AT THE JOB SITE AND AGREES THAT PROPER PREPARATIONS HAVE BEEN MADE.

MAINTENANCE AND TRAFFIC:  
  
WORKERS WILL UTILIZE FDOT M.O.T  
102-602 & 102-660 FOR THE PROPOSED  
WORK SHOWN THROUGHOUT THESE DRAWINGS  
  
SEE COVERS DWG 6 OF 7  
EROSION CONTROL

ALL KNOWN  
VISIBLE  
UTILITIES  
HAVE BEEN  
IDENTIFIED

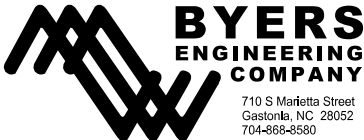

CALL BEFORE YOU DIG



FLORIDA  
DIAL 811 or  
1-800-432-4770  
www.call811.com

TWO FULL BUS. DAYS BEFORE YOU DIG

IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION AS THE LOCATION OF UTILITIES SHOWN ON THIS PLAT ARE APPROXIMATE AND POSSIBLY INCOMPLETE, THEREFORE CERTIFICATION TO THE LOCATION OF ALL UNDERGROUND UTILITIES IS WITHHELD.

 <div>710 S Marietta Street Gastonla, NC 28052 704-868-8580</div>	DATE:	PROJECT PHASE:	DESCRIPTION:	CONSTRUCTION NOTE: FOLLOW DETAIL SHEETS FOR PLACEMENT OPERATIONS CONFORMING TO FEDERAL, STATE, AND LOCAL CODES.	LOCATION: LAKE CITY COLUMBIA COUNTY, FL	 <div>INFORMATION ON THIS DOCUMENT IS PROPRIETARY AND SHALL NOT BE USED, COPIED, REPRODUCED OR DISCLOSED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT</div>	PROJECT CODE:	TITLE: LAKE CITY FL SEGMENT 6
	05/15/2020	DESIGN	CONSTRUCTION					
		AS-BUILT						
		REVISED						
		REVISED(2)						
DRAFTED BY: ADRIAN BROWN			ENGINEER(S): ROSS BRADLEY		SCALE:	HORIZONTAL: NTS VERTICAL: NTS	JOB NO: FSC01005	DWG NO: 3 OF 6



# LEGEND

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

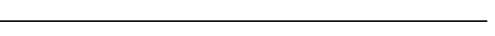
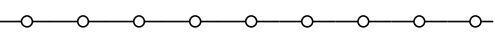
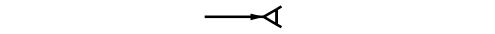
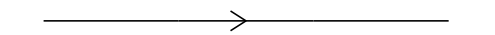
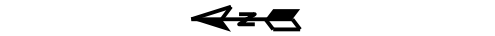
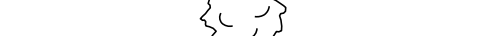
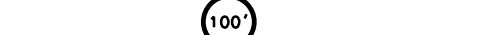
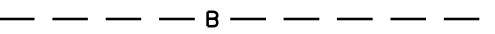
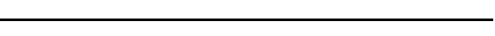
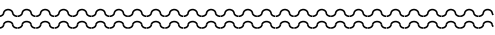
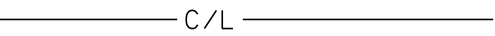
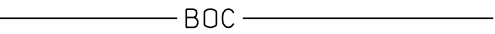
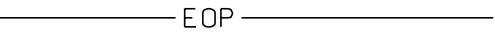
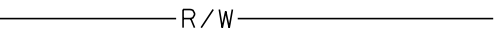
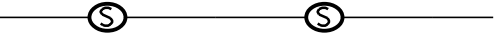
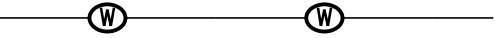
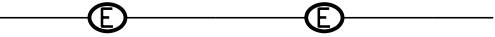
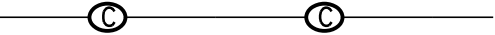
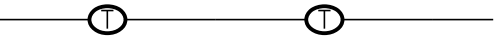
NORTH ARROW

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

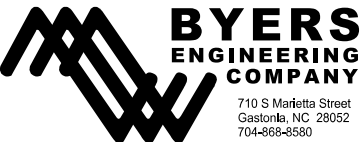
FIRE HYDRANT

WATER VALVE

SEWER

EXISTING COMMUNICATIONS MANHOLE (M/H)

STREET LIGHT



DATE:	PROJECT PHASE:	DESCRIPTION:
05/15/2020	DESIGN	CONSTRUCTION
	AS-BUILT	
	REVISED	
	REVISED(2)	
DRAFTED BY: ADRIAN BROWN		ENGINEER(S): ROSS BRADLEY

CONSTRUCTION NOTE:  
FOLLOW DETAIL SHEETS FOR  
PLACEMENT OPERATIONS  
CONFORMING TO FEDERAL,  
STATE, AND LOCAL CODES.

LOCATION:  
LAKE CITY  
COLUMBIA COUNTY, FL

SCALE:  
HORIZONTAL: NTS  
VERTICAL: NTS

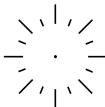


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PROJECT CODE:  
  
JOB NO:  
FSC01005

TITLE:  
LAKE CITY FL  
SEGMENT 6  
  
DWG NO:  
4 OF 6

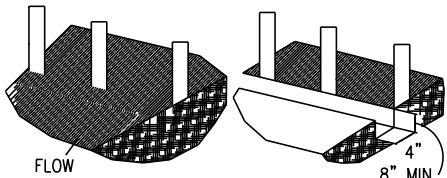




EROSION CONTROL NOTES

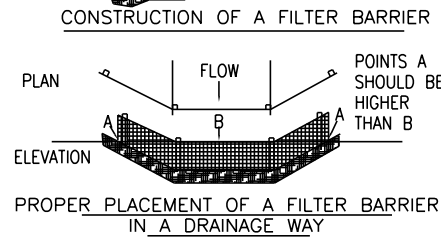
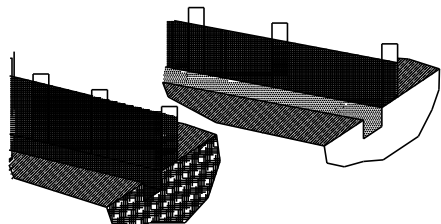
1. CAUTION: ALL UTILITY LOCATIONS ARE APPROXIMATE AND MUST BE LOCATED PRIOR TO CONSTRUCTION.
2. VEGETATION CLEARING WILL BE KEPT TO THE ABSOLUTE MINIMUM NECESSARY FOR CONSTRUCTION.
3. MATERIAL RESULTING FROM EXCAVATION WILL NOT BE PLACED IN SUCH A MANNER THAT IT IS DISPERSED BY CURRENT OR OTHER FORCES. THE MATERIAL SHOULD BE COLLECTED AND CONTAINED AT ONE SITE AS APPROPRIATE.
4. HEAVY EQUIPMENT WORKING IN WETLANDS WILL BE PLACED ON MATS OR LOW GROUND PRESSURE EQUIPMENT USED DURING CONSTRUCTION TO LIMIT SOIL DISTURBANCE TO THE MINIMUM AREA REQUIRED TO INSTALL THE FIBER OPTIC SYSTEM ONLY.
5. NO STAGING AREAS OR TEMPORARY ACCESS ROADS WILL BE PLACED IN WETLANDS.
6. APPROPRIATE SILTATION AND EROSION CONTROLS WILL BE USED AND MAINTAINED IN EFFECTIVE OPERATING CONDITION DURING CONSTRUCTION, AND ALL EXPOSED SOIL AND FILLS WILL BE PERMANENTLY STABILIZED AT THE EARLIEST PRACTICABLE DATE.
7. SEDIMENT CONTROL FENCE (SILT FENCE) SHOULD BE INSTALLED AND MAINTAINED FOR THE DURATION OF THE CONSTRUCTION. SILT FENCE WILL BE INSTALLED ALONG AND WITHIN RIGHT-OF-WAY LINE (12 FT AWAY FROM EDGE OF R.O.W.). IF BODY OF WATER OR POTENTIAL WETLAND IS LOCATED WITHIN 60 FT FROM THE EDGE OF THE R.O.W. ANY OTHER SITUATIONS WILL BE APPROVED BY THE ENGINEER.
8. WHEN CONSTRUCTING IN WETLANDS, THE TOP 6 TO 12 INCHES OF THE TRENCH WILL BE BACK FILLED WITH TOPSOIL FROM THE TRENCH.
9. EXCESS MATERIAL WILL BE REMOVED FROM THE WETLAND AND PLACED ON UPLAND AREAS IMMEDIATELY UPON COMPLETION OF CONSTRUCTION.
10. EXPOSED SLOPES OF STREAM BANKS WILL BE RESTORED TO THEIR ORIGINAL CONTOURS AND STABILIZED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION.
11. ANY TEMPORARY FILLS MUST BE REMOVED IN THEIR ENTIRETY AND THE AFFECTED AREAS RETURNED TO THEIR PRE-EXISTING CONDITION.
12. ANY DISTURBED AREA WILL BE RE-SEEDED WITH NATIVE GRASS SEEDS, AND SEDIMENT CONTROL FENCE SHOULD BE REMOVED UPON COMPLETION CONSTRUCTION IMMEDIATELY.
13. WHEN CONSTRUCTING IN CITY LIMITS, ALL ROADWAY DRAINS SUCH AS INLETS NEAR CURBS OR DROP INLET ON ROADWAY WHICH ARE LOCATED IN THE R.O.W., SHALL BE PROTECTED WITH TYPICAL INLET SEDIMENT FILTERS. THESE FILTERS WILL BE REMOVED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION.
14. ALL CABLE MARKERS TO BE PLACED AS FAR BACK TO R.O.W. LINE AS POSSIBLE.
15. ALL HARD SURFACE THOROUGHFARES TO BE DIRECTIONAL BORED MINIMUM 36 INCHES BELOW SURFACE, MINIMUM 5 FT FROM EDGE OF PAVEMENT TO BE CROSSED.
16. ALL HARD SURFACE DRIVEWAYS TO BE DIRECTIONAL DRILLED.

1. SET THE STAKES.
2. EXCAVATE A 4"x4" TRENCH LINE OF STAKES.



3. STAPLE FILTER MATERIAL TO STAKES AND EXTEND IT INTO THE TRENCH.

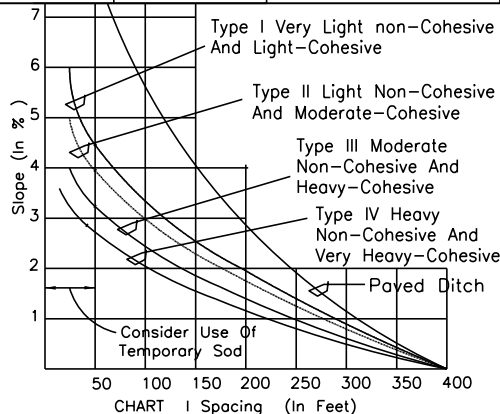
4. BACKFILL AND COMPACT THE EXCAVATED SOIL.



FILTER BARRIER CONSTRUCTION DETAIL

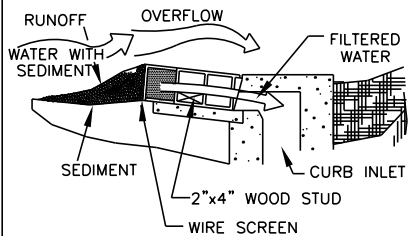
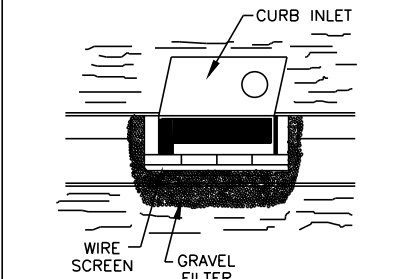
NOTE: Spacings shown in this chart are based on generalized conditions and should be adjusted based on actual site performance or hydraulic computations.

SOILS		FLOW RATES (CFS)	
Cohesive	Non-Cohesive	Very Light	<5
Firm Loam	Fine Sand	Light	>5 <10
Clay Sands	Course Sand	Moderate	>10 <15
Clays	Gravels	Heavy	>15 <25
Hardpans	Sandy Loam	Very Heavy	>25 <40
	Silt Loam		



RECOMMENDED SPACING FOR TYPE I AND TYPE II HAY BALE BARRIERS, AND TYPE III AND TYPE IV SILT FENCES AND PAVED DITCH HAY BALE BARRIERS

SPACING RECOMMENDATION FOR SILT FENCES & HAY BALES

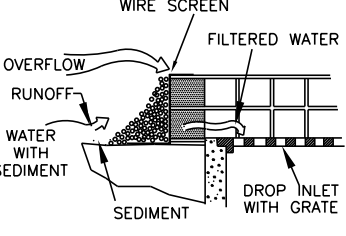
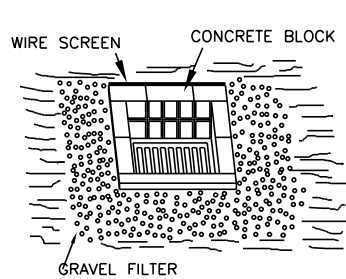


SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE AN OVERFLOW CAPABILITY IS NECESSARY TO PREVENT EXCESSIVE PONDING IN FRONT OF THE STRUCTURE.

BLOCK & GRAVEL CURB INLET SEDIMENT FILTER

N.T.S. (D-902)

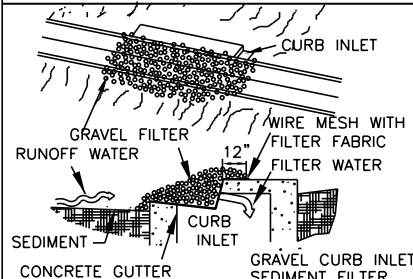


SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY FLOWS ARE EXPECTED AND WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE.

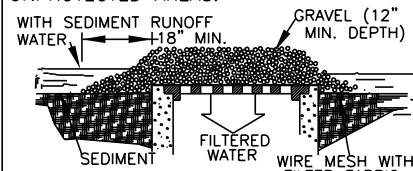
BLOCK & GRAVEL DROP INLET SEDIMENT FILTER

N.T.S. (D-904)



SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE PONDING IN FRONT OF THE STRUCTURE IS NOT LIKELY TO CAUSE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.

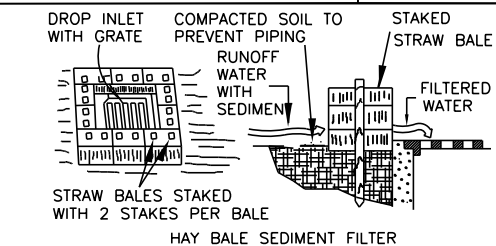


SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.

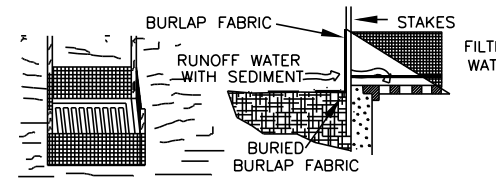
GRAVEL INLET SEDIMENT TRAP

(D-903)



SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5 PERCENT) WHERE SHEET OR OVERLAND FLOWS (NOT EXCEEDING 0.5 cfs) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.



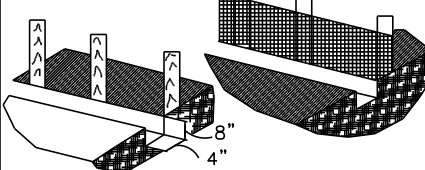
SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5 PERCENT) WHERE SHEET OR OVERLAND FLOWS (NOT EXCEEDING 0.5 cfs) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

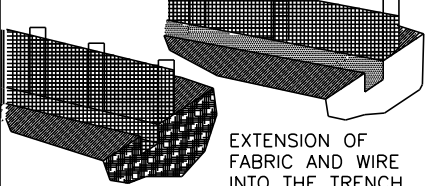
DROP INLET SEDIMENT TRAP

(D-905)

1. SET POSTS AND EXCAVATE A 4"x4" TRENCH UPSLOPE ALONG THE LINE OF POSTS



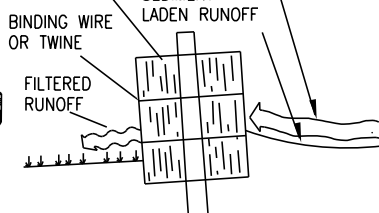
3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH



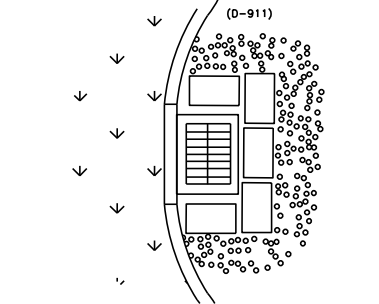
CONSTRUCTION DETAILS FOR SILT FENCES

(D-909)

2. STAPLE WIRE FENCING TO THE POSTS



4. BACKFILL AND COMPACT THE EXCAVATED SOIL.

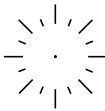


CROSS-SECTION OF A PROPERLY INSTALLED STRAW BALE STAKED HAY BALE

SEE DROP INLET SEDIMENT TRAP (D-905)

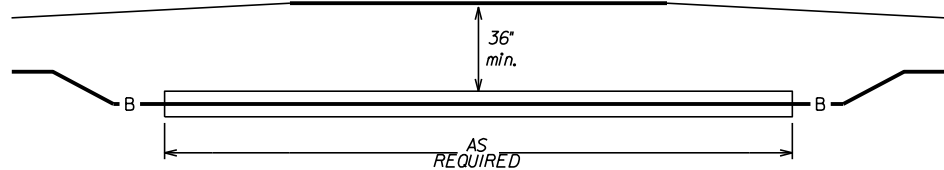
ERECT SEDIMENT BARRIERS AT CATCH BASINS

(TYPICAL)

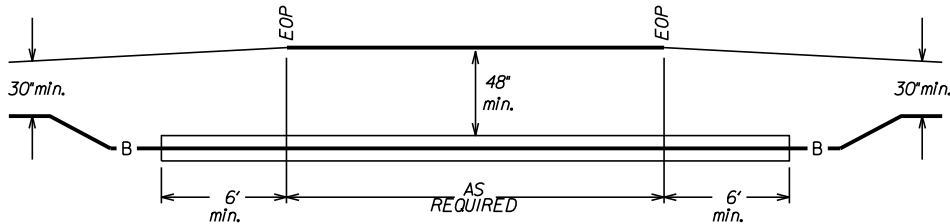


# BORE DETAILS

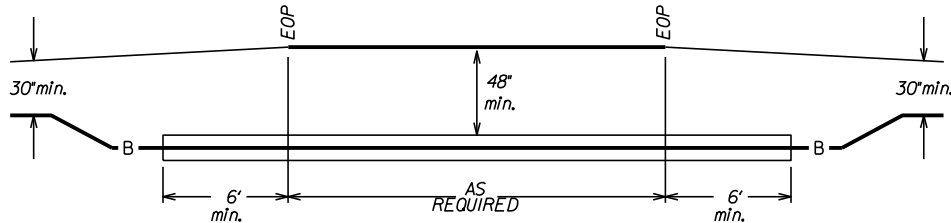
Directional Bore  
(Min. 4' from EOP)



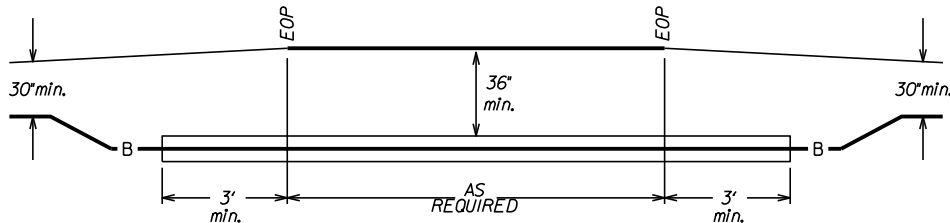
Bore Detail - NO Drainage Ditch Involved



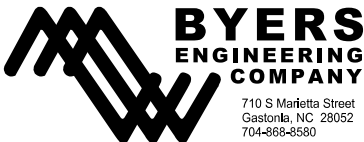
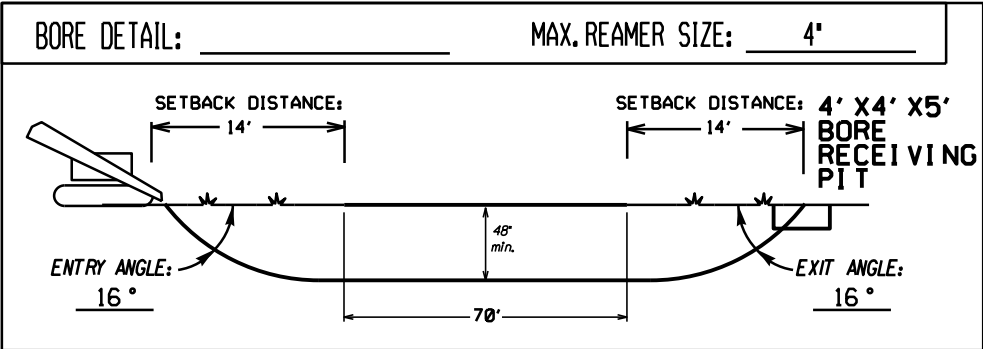
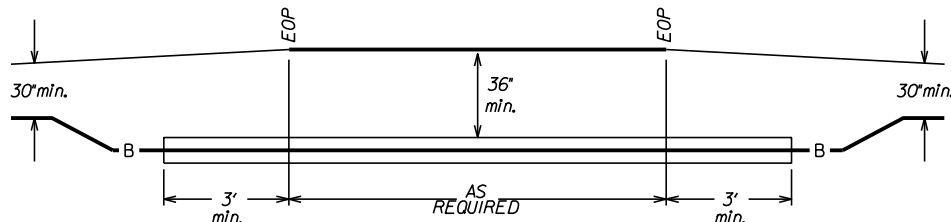
Bore Detail - NO Drainage Ditch Involved



DRIVEWAY DETAIL



DRIVEWAY DETAIL



DATE:	PROJECT PHASE:	DESCRIPTION:
05/15/2020	DESIGN	CONSTRUCTION
	AS-BUILT	
	REVISED	
	REVISED(2)	
DRAFTED BY: ADRIAN BROWN		ENGINEER(S): ROSS BRADLEY

CONSTRUCTION NOTE:  
FOLLOW DETAIL SHEETS FOR  
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CONFORMING TO FEDERAL,  
STATE, AND LOCAL CODES.

LOCATION:  
LAKE CITY  
COLUMBIA COUNTY, FL

SCALE:  
HORIZONTAL: NTS  
VERTICAL: NTS



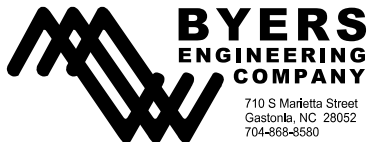
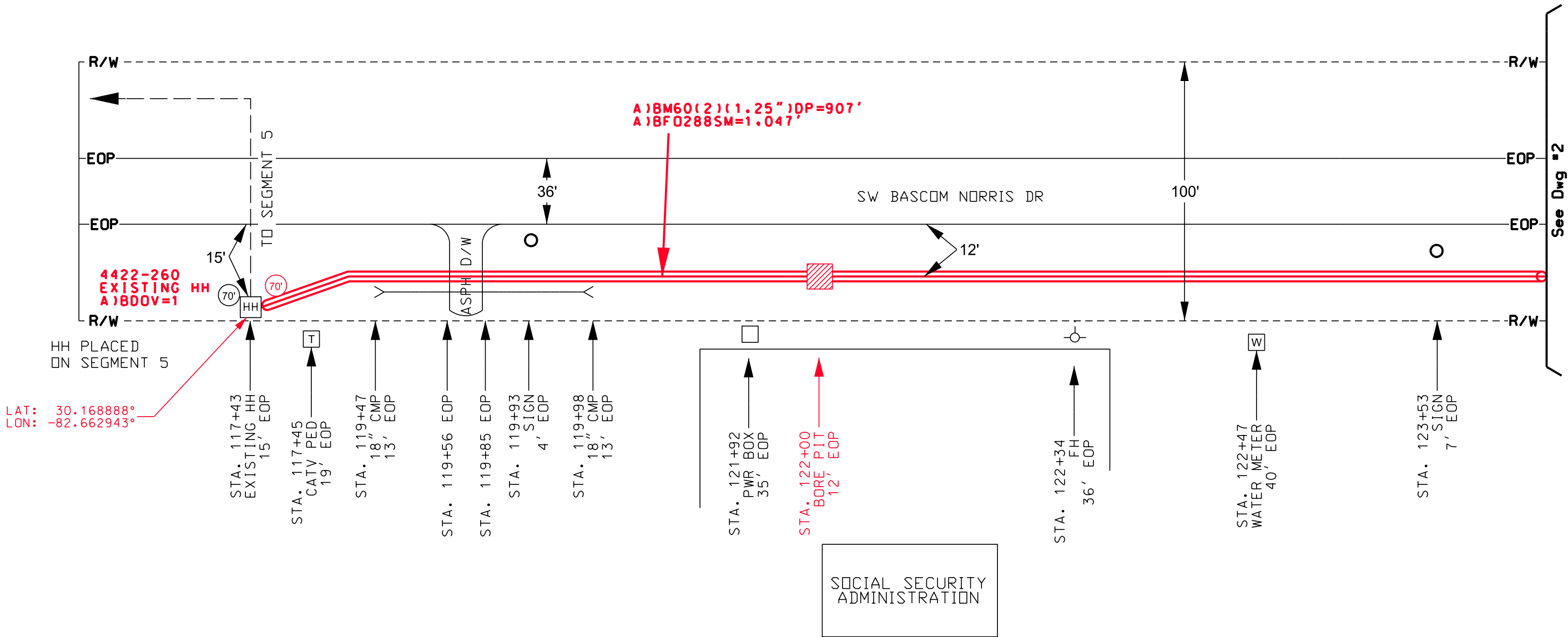
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PROJECT CODE:  
  
JOB NO:  
FSC01005

TITLE:  
LAKE CITY FL  
SEGMENT 6

DWG NO:  
6 OF 6

SPEED  
LIMIT  
45 MPH



710 S Marietta Street  
Gastonia, NC 28052  
704-868-8580

DATE:	PROJECT PHASE:	DESCRIPTION:
05/15/2020	DESIGN	CONSTRUCTION
	AS-BUILT	
	REVISED	
	REVISED(2)	
DRAFTED BY: ADRIAN BROWN		ENGINEER(S): ROSS BRADLEY

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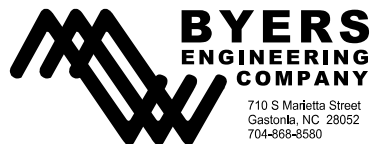
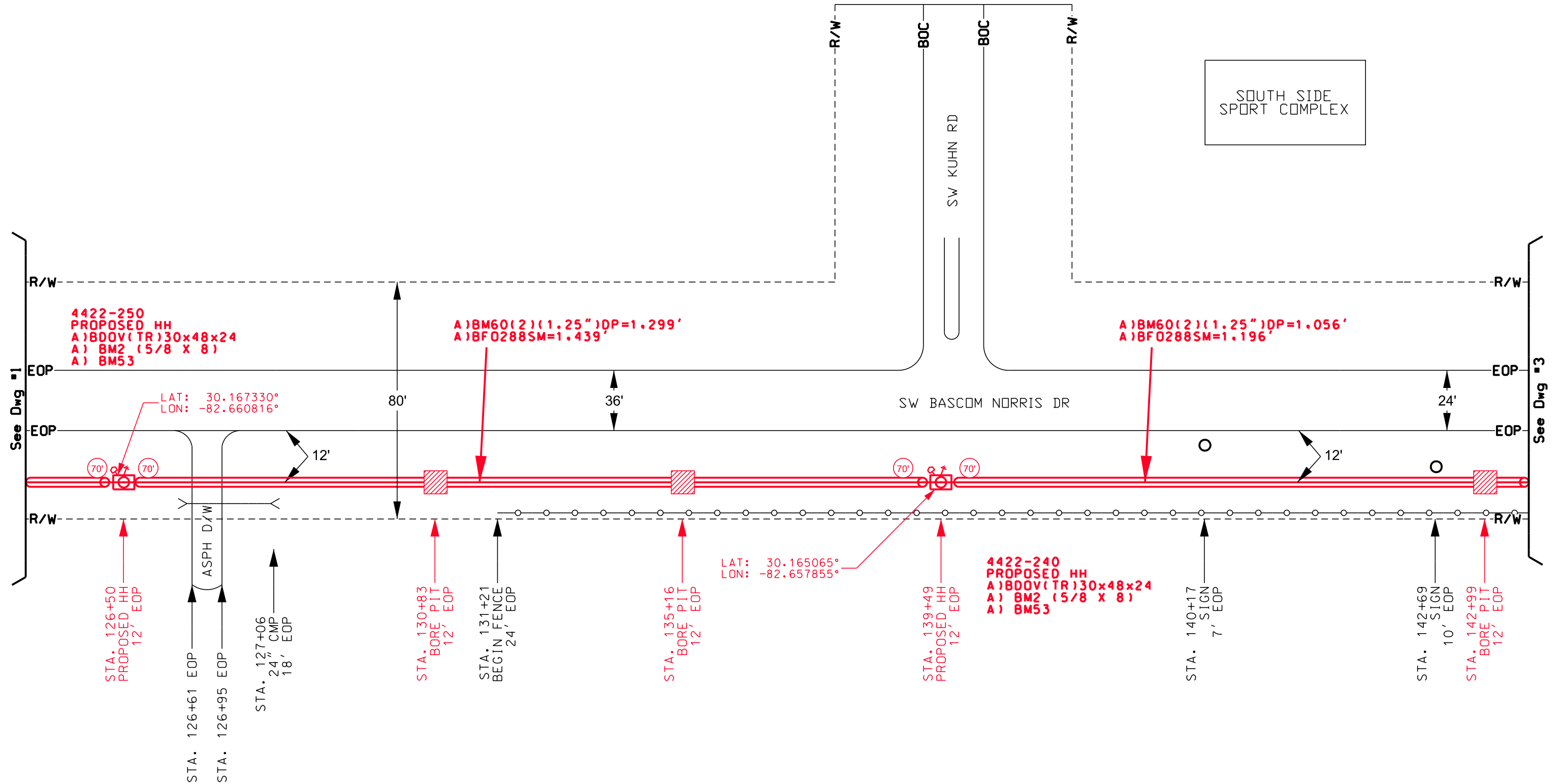
JOB NO:  
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LAKE CITY FL  
SEGMENT 6

DWG NO:  
1 OF 6



SPEED  
LIMIT  
45 MPH



710 S Marietta Street  
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	REVISED(2)	
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VERTICAL: NTS



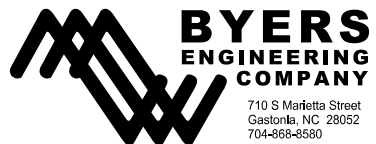
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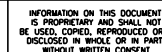
TITLE:  
LAKE CITY FL  
SEGMENT 6

DWG NO:  
2 OF 6



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SCALE:	HORIZONTAL: NTS
	VERTICAL: NTS



DWG NO: 3 OF 6

SPEED  
LIMIT  
35 MPH



593  
FANCY  
DANCER  
STUDIO

ASPH D/W

TOMOKA TERRACE

4422-220  
PROPOSED HH  
A) BDOV (TR) 30x48x24  
A) BM2 (5/8 X 8)  
A) BM53

A) BM60 (2) (1.25") DP=645'  
A) BF0288 SM=785'

4422-210  
PROPOSED HH  
A) BDOV (TR) 30x48x24  
A) BM2 (5/8 X 8)  
A) BM53

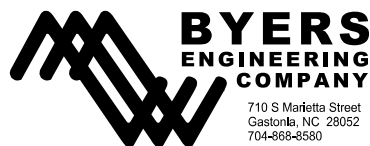
A) BM60 (2) (1.25") DP=784'  
A) BF0288 SM=924'

LAT: 30.161355°  
LON: -82.653141°

SW MARVIN BURNETT RD

LAT: 30.160152°  
LON: -82.651577°

NEW  
GENERATION  
SCHOOL



710 S Marietta Street  
Gastonia, NC 28052  
704-868-8580

DATE:	PROJECT PHASE:	DESCRIPTION:
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SEGMENT 6

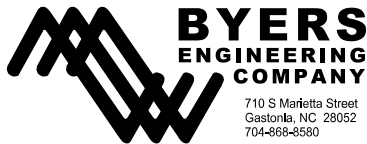
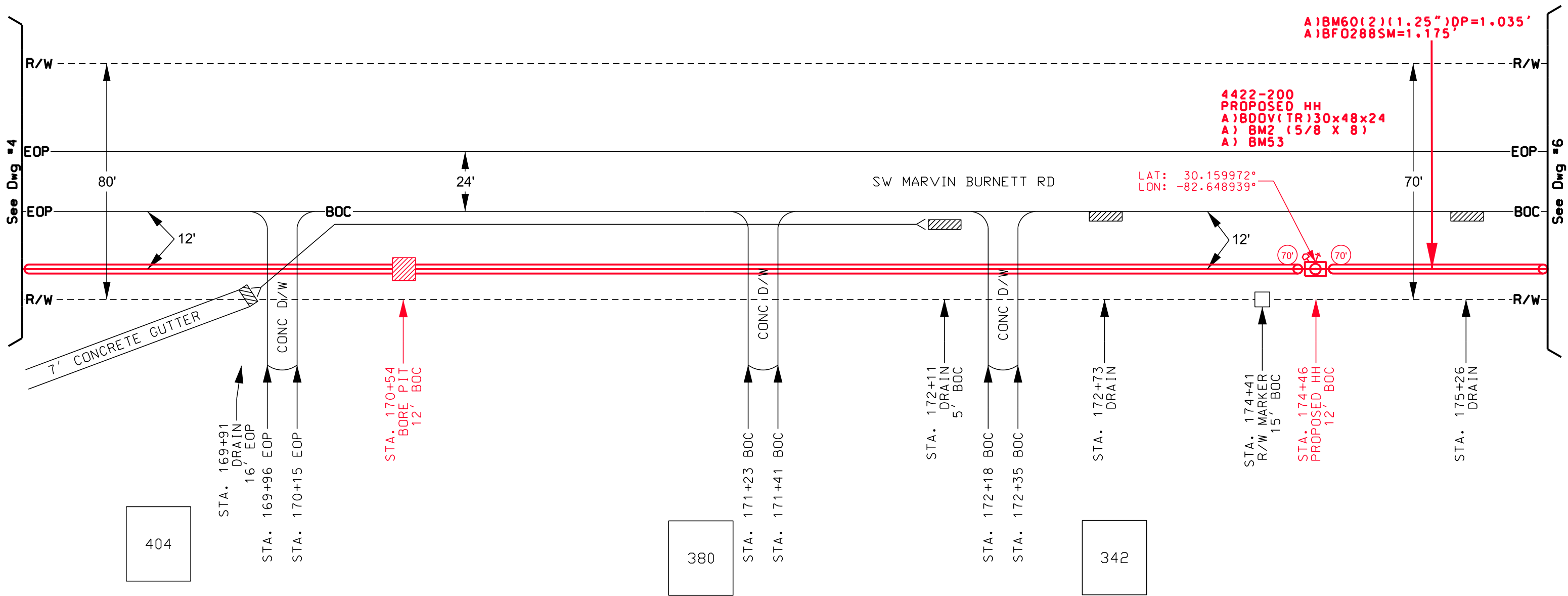
DWG NO:  
4 OF 6



SPEED  
LIMIT  
35 MPH



355



DATE:	PROJECT PHASE:	DESCRIPTION:
05/15/2020	DESIGN	CONSTRUCTION
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	REVISED	
	REVISED(2)	
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STATE, AND LOCAL CODES.

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LAKE CITY  
COLUMBIA COUNTY, FL

**SCALE:**  
HORIZONTAL: NTS  
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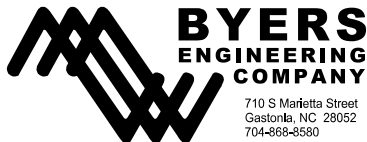
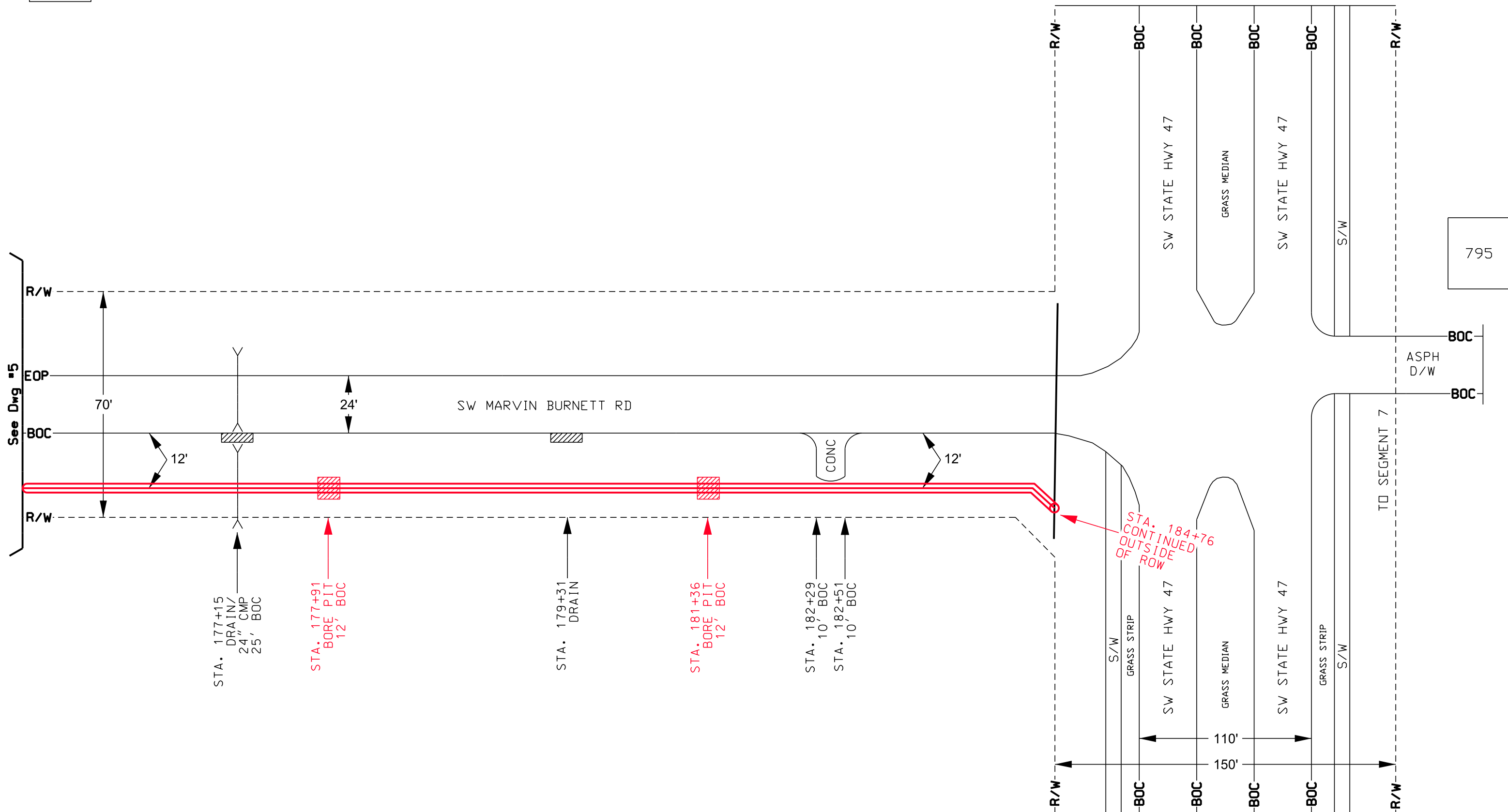
**PROJECT CODE:**

**JOB NO:**  
FSC01005

**TITLE:**  
LAKE CITY FL  
SEGMENT 6

**DWG NO:**  
5 OF 6

SPEED  
LIMIT  
35 MPH



DATE:	PROJECT PHASE:	DESCRIPTION:
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	REVISED	
	REVISED(2)	
DRAFTED BY: ADRIAN BROWN		ENGINEER(S): ROSS BRADLEY

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LOCATION:	LAKE CITY COLUMBIA COUNTY, FL
SCALE:	HORIZONTAL: NTS VERTICAL: NTS



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PROJECT CODE:	TITLE: LAKE CITY FL SEGMENT 6
JOB NO: FSC01005	DWG NO: 6 OF 6