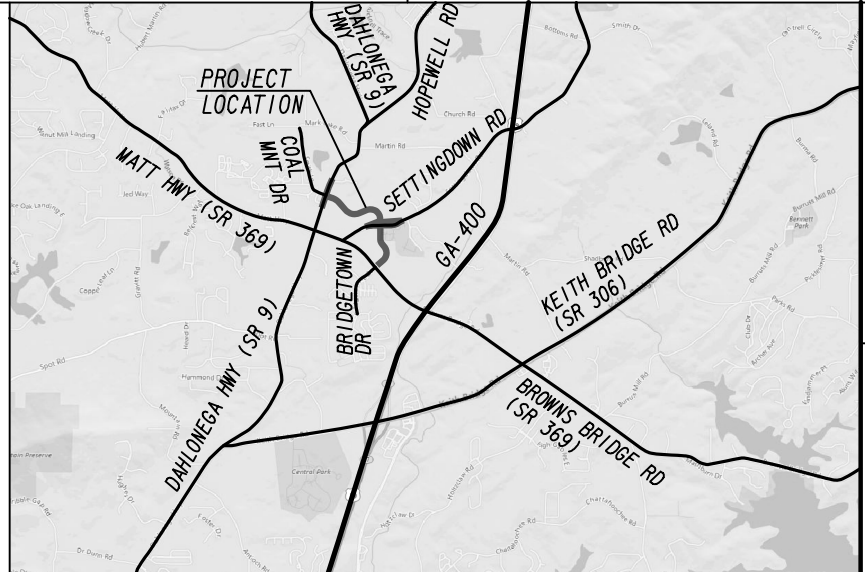
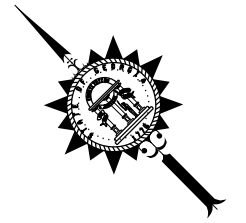


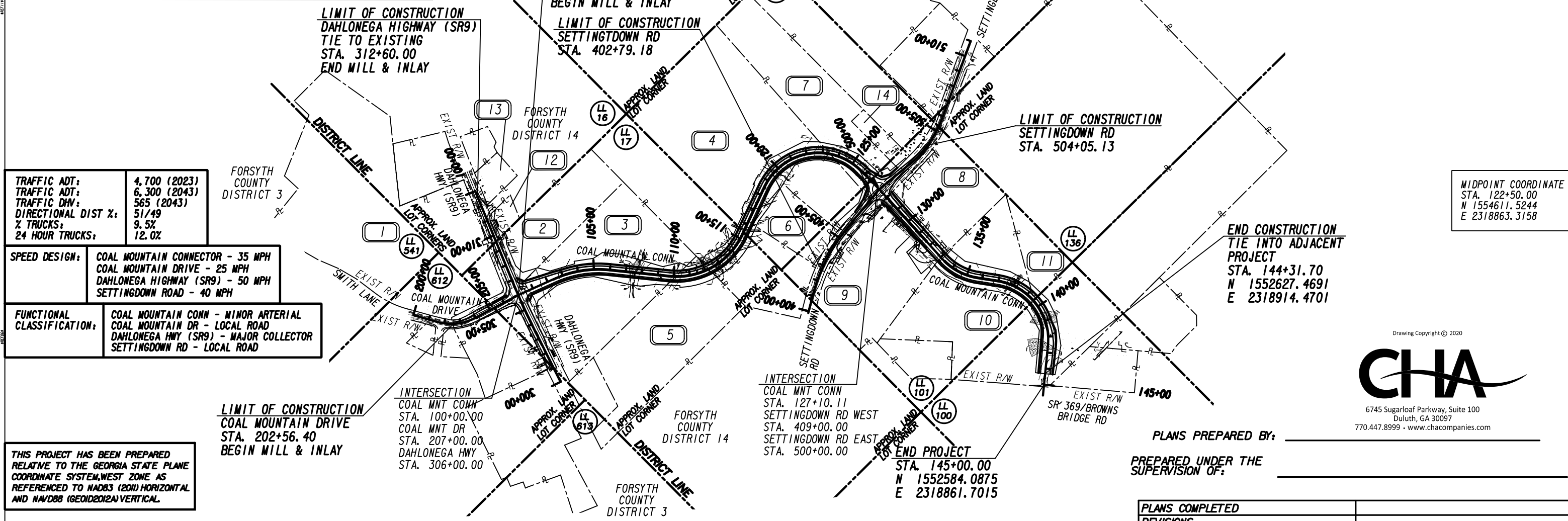
# DEPARTMENT OF ENGINEERING FORSYTH COUNTY

## PLAN AND PROFILE OF PROPOSED COAL MOUNTAIN CONNECTOR FROM SR 9 TO SR 369



LOCATION SKETCH (N.T.S.)

**NOTE:**  
ALL REFERENCES IN THIS DOCUMENT, WHICH INCLUDES ALL PAPERS, WRITINGS, DOCUMENTS, DRAWINGS, OR PHOTOGRAPHS USED, OR TO BE USED IN CONNECTION WITH THIS DOCUMENT, TO "STATE HIGHWAY DEPARTMENT OF GEORGIA," "STATE HIGHWAY DEPARTMENT," "GEORGIA STATE HIGHWAY DEPARTMENT," "HIGHWAY DEPARTMENT," OR "DEPARTMENT" WHEN THE CONTEXT THEREOF MEANS THE STATE HIGHWAY DEPARTMENT OF GEORGIA, AND SHALL BE DEEMED TO MEAN THE DEPARTMENT OF TRANSPORTATION.



<b>SPEED DESIGN:</b>	COAL MOUNTAIN CONNECTOR - 35 MPH
	COAL MOUNTAIN DRIVE - 25 MPH
	DAHLONEGA HIGHWAY (SR9) - 50 MPH
	SETTINGDOWN ROAD - 40 MPH

<b>FUNCTIONAL CLASSIFICATION:</b>	COAL MOUNTAIN CONN - MINOR ARTERIAL
	COAL MOUNTAIN DR - LOCAL ROAD
	DAHLONEGA HWY (SR9) - MAJOR COLLECTOR
	SETTINGDOWN RD - LOCAL ROAD

MIDPOINT COORDINATE  
STA. 122+50.00  
N 1554611.5244  
E 2318863.3158

Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 • www.chacompanies.com

PLANS PREPARED BY: \_\_\_\_\_  
PREPARED UNDER THE SUPERVISION OF: \_\_\_\_\_

THIS PROJECT HAS BEEN PREPARED RELATIVE TO THE GEORGIA STATE PLANE COORDINATE SYSTEM, WEST ZONE AS REFERENCED TO NAD83 (2011) HORIZONTAL AND NAVD88 (GEOID2012A) VERTICAL.

THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS OR IN ANYWAY INDICATED THEREBY, WHETHER BY DRAWINGS OR NOTES, OR IN ANY OTHER MANNER, ARE BASED UPON FIELD INVESTIGATIONS AND ARE BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE SAME ARE SHOWN AS INFORMATION ONLY, ARE NOT GUARANTEED, AND DO NOT BIND THE DEPARTMENT OF TRANSPORTATION IN ANY WAY. THE ATTENTION OF BIDDER IS SPECIFICALLY DIRECTED TO SUBSECTIONS 102.04, 102.05, AND 104.03 OF THE SPECIFICATIONS.



LENGTH OF PROJECT	COUNTY No. 17 FORSYTH CO. Project No.
	MILES
NET LENGTH OF ROADWAY	1.3395
NET LENGTH OF BRIDGES	0.0000
NET LENGTH OF PROJECT	1.3395
NET LENGTH OF EXCEPTIONS	0.0000
GROSS LENGTH OF PROJECT	1.3395

PLANS COMPLETED	REVISIONS

DRAWING No.  
01-0001





**GENERAL NOTES**

1. A N. O. I. IS REQUIRED FOR THIS PROJECT. THE TOTAL DISTURBED AREA IS X.XX ACRES. THE TOTAL PROJECT AREA IS X.XX ACRES.
2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD AND SUPPLEMENTAL SPECIFICATIONS, CURRENT EDITION.
3. ALL KNOWN UTILITY FACILITIES ARE SHOWN SCHEMATICALLY ON PLANS AND ARE NOT NECESSARILY ACCURATE IN LOCATION AS TO PLAN OR ELEVATION. UTILITY FACILITIES HAVE BEEN LOCATED THROUGH FIELD SURVEY AND COORDINATION WITH UTILITY COMPANIES FOR EXISTING LOCATIONS. UTILITY FACILITIES SUCH AS SERVICE LINES OR UNKNOWN FACILITIES NOT SHOWN ON HIGHWAY PLANS WILL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY UNDER THIS REQUIREMENT. "EXISTING UTILITY FACILITIES" MEANS ANY UTILITY THAT EXISTS ON THE HIGHWAY PROJECT IN ITS ORIGINAL, RELOCATED, OR NEWLY INSTALLED POSITION. ALL UTILITY FACILITIES, WHICH ARE IN CONFLICT WITH CONSTRUCTION ARE TO BE REMOVED OR RELOCATED TO CLEAR CONSTRUCTION IN ADVANCE OF HIS WORK.
4. UTILITY WORK COORDINATION WILL BE REQUIRED AS PART OF THIS CONTRACT. THE CONTRACTOR WILL BE REQUIRED TO USE THE ONE-CALL CENTER TELEPHONE NUMBER, 811 OR 1-800-282-7411, FOR THE PURPOSE OF COORDINATING THE MARKING OF UNDERGROUND UTILITIES. THE CONTRACTOR'S ATTENTION IS CALLED TO SUB-SECTION 105.06 OF THE GADOT STANDARDS SPECIFICATION, "COOPERATION WITH UTILITIES".
5. INGRESS/EGRESS SHALL BE MAINTAINED TO ALL EXISTING DRIVEWAYS.
6. CONTRACTOR SHALL ESTABLISH AND MAINTAIN DRAINAGE THOROUGHOUT THE PROJECT.
7. ALL DRIVEWAYS THAT ARE TO BE RECONSTRUCTED SHALL BE PLACED IN KIND I.E. ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE, AND AGGREGATE SURFACE COURSE FOR DIRT DRIVES. ALL DRIVEWAYS SHALL BE PLACED IN ACCORDANCE WITH RULES AND REGULATIONS FOR CONTROL AND PROTECTION OF FORSYTH COUNTY RIGHTS-OR-WAY. DRIVEWAY RELOCATIONS ARE SHOWN FROM THE BEST AVAILABLE DATA. THE CONTRACTOR SHALL CONSTRUCT NEW DRIVEWAYS TO MATCH THE ACTUAL FIELD LOCATION OF EXISTING DRIVEWAYS OR AS LOCATED IN THE PLANS. RESIDENTIAL DRIVES SHALL BE 14 FEET WIDE AT THE THROAT UNLESS NOTED OTHER-WISE IN THE PLANS. COMMERCIAL DRIVES SHALL BE 24 FEET WIDE UNLESS NOTED OTHERWISE IN THE PLANS. THE CONTRACTOR SHALL OBTAIN THE APPROVAL FROM THE ENGINEER PRIOR TO MAKING ANY REVISIONS TO LOCATION, WIDTH, AND/OR NUMBER OF DRIVES TO BE CONSTRUCTED. REQUIRED DRIVEWAY EASEMENTS NOT SHOWN ON THE PLANS SHALL BE ACQUIRED. DRIVES SHALL BE CONSTRUCTED USING:  
  
 ASPHALT - RESIDENTIAL - ASPH CONC 12.5mm SUPERPAVE (165 LB/SY)  
 GRADED AGGREGATE BASE, 6"  
  
 COMMERCIAL - ASPH CONC 12.5mm SUPERPAVE (165 LB/SY)  
 ASPH CONC 19mm SUPERPAVE (220 LB/SY)  
 GRADED AGGREGATE BASE, 6"  
  
 CONCRETE - RESIDENTIAL - DRIVEWAY CONCRETE, 6" THICK  
 COMMERCIAL - DRIVEWAY CONCRETE, 8" THICK
8. THE TOTAL ACREAGE SHOWN ON THE PLANS FOR GRADING COMPLETE ARE FOR INFORMATION ONLY. FORSYTH COUNTY TRANSPORTATION & ENGINEERING ASSUMS NO RESPONSIBILITY FOR ITS ACCURACY. THE CONTRACTOR SHALL BID ON GRADING COMPLETE LUMP SUM, AND IT SHALL BE HIS RESPONSIBILITY TO DETERMINE THE ACTUAL ACRES TO BE CLEARED AND GRUBBED. NO CLAIMS WILL BE CNSIDERED FOR EXTRA COMPENSATION IF THE CONTRACTOR RELIES ON THE ACRES SHOWN ON THE PLAN. COSTS FOR ITEMS TO BE REMOVED WHICH DO NOT HAVE A SEPARATE PAY ITEM SHALL BE INCLUDED IN PRICE BID FOR GRADING COMPLETE - LUMP SUM.
9. THE CONTRACTOR SHALL STRICTLY ADHERE TO DUST CONTROL REGULATIONS. ALL AREAS SUBJECTED TO DUST FORMATION MUST BE PERIODICALLY WATERED, SUFFICIENT TO RETARD DUST. ALL COSTS FOR DUST CONTROL SHALL BE INCLUDED IN PRICE BID FOR CLEARING AND GRUBBING - LUMP SUM.
10. THE TOTAL AREA SHOWN ON THE PLANS FOR GRASSING IS FOR INFORMATION ONLY. FORSYTH COUNTY TRANSPORTATION & ENGINEERING ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY. THE CONTRACTOR SHALL BID ON GRASSING COMPLETE, LUMP SUM, AND IT SHALL BE HIS RESPONSIBILITY TO DETERMINE THE ACTUAL AREA TO BE GRASSED. NO CLAIMS WILL BE CONSIDERED FOR EXTRA COMPENSATION IF THE CONTRACTOR RELIES ON THE AREA SHOWN ON THE PLANS.
11. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH SUITABLE BORROW MATERIAL FOR THE PROJECT AND DISPOSE OF ANY UNSUITABLE OR WASTE MATERIAL.
12. HORIZONTAL CONTROL IS BASED UPON GEORGIA STATE PLAN COORDINATE SYSTEM. SEE PLANS FOR LOCATIONS AND DESCRIPTIONS OF MONUMENTS USED.
13. FORSYTH COUNTY EXPECTS TO HAVE OTHER CONTRACTS UNDER CONSTRUCTION DURING THE LIFE OF THIS CONTRACT. THE CONTRACTOR'S ATTENTION IS CALLED TO SUB-SECTION 105.07 OF THE STANDARD SPECIFICATIONS "COOPERATION BETWEEN CONTRACTORS." THE ENGINEER SHALL BE EXPECTED TO COORDINATE THE INTERFACE AND COOPERATION BETWEEN CONTRACTORS.

UTILITY OWNER	SERVICE

**GENERAL NOTES**

14. ANY FENCE AND/GATE WITHIN THE CONSTRUCTION LIMITS SHALL BE REPLACED IN LIKE KIND AND RESET TO ITS ORIGINAL LOCATION. ALL OTHER RELATED COSTS FOR ITS CONSTRUCTION ARE TO BE INCLUDED IN THE TOTAL COST FOR GRADING COMPLETE.
15. SOD ALL DISTURBED AREAS - PRICING TO BE INCLUDED IN GRASSING COMPLETE. ALL CUT AND FILL SLOPES SHALL BE GRASSED AS DIRECTED BY THE ENGINEER IMMEDIATELY AFTER THE SLOPES ARE ESTABLISHED, IN ORDER TO REDUCE EROSION. IF THE SEASON DOES NOT PERMIT GRASSING, TEMPORARY MULCH SHALL BE USED AS DIRECTED BY THE ENGINEER. REFER TO SECTION 161 OF THE STANDARD SPECIFICATIONS.
16. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO OR CONCURRENT WITH LAND DISTURBANCE ACTIVITIES AND SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION OR AS DIRECTED BY THE ENGINEER. SEE GEORGIA STANDARD SPECIFICATIONS, CURRENT EDITION REGARDING EROSION CONTROL. THE CONTRACTOR SHALL BE RESPONSIBLE TO KEEP WETLAND AREAS FREE FROM SILTATION. THE CONTRACTOR SHALL OBTAIN AND ABIDE BY ALL CORPS OF ENGINEERS RULES AND REGULATION CONCERNING CONSTRUCTION ADJACENT TO WATERWAYS AND MAINTAIN WATER QUALITY.
17. STAGED CONSTRUCTION MAY BE REQUIRED IN ORDER TO MAINTAIN TRAFFIC THROUGHOUT THE PROJECT. CONSTRUCTION STAGING PLANS MAY BE INCLUDED IN THIS SET OF DRAWINGS AND ARE FOR GUIDANCE. THE CONTRACTOR MAY ELECT TO DESIGN HIS OWN STAGING PLAN. IF SO, THE CONTRACTOR'S STAGING PLAN MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. ANY DEVIATION TO THE STAGE CONSTRUCTION PLANS, IF INCLUDED, SHALL BE APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION.
18. NO SEPARATE PAYMENT WILL BE MADE FOR EARTHWORK OPERATIONS REQUIRED FOR DETOUR CONSTRUCTION. THE COST OF DETOUR GRADING AND EARTHWORK OPERATION REQUIRED SOLEY FOR DETOURS SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS.

**STANDARD SIGNING AND MARKING NOTES**

1. ALL STANDARD HIGHWAY SIGNS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE DETAILS SHOWN IN THE PLANS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND/OR SPECIAL PROVISIONS.
2. SIGN ERECTION STATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS WHERE NECESSARY, BUT SHALL BE WITHIN THE LIMITATIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
3. ALL STANDARD HIGHWAY SIGNS SHALL BE ERECTED AT A HEIGHT OF 7 FEET ABOVE THE NORMAL EDGE OF PAVEMENT TO THE BOTTOM OF THE SIGN OR ASSEMBLY.
4. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON ALL OTHER ROADWAYS SHALL BE 6 FEET FROM THE EDGE OF THE PAVED SHOULDER OR 12 FEET FROM THE NORMAL EDGE OF PAVEMENT TO THE NEARER EDGE OF THE SIGN(S), WHICHEVER IS GREATER. THE HORIZONTAL CLEARANCE IN NON-MOUNTABLE CURB SECTIONS SHALL BE AT LEAST 1.5 FEET FROM THE CURB FACE TO THE SIGN POST(S).
5. ALL STRIPING, DIRECTIONAL ARROWS, ETC., SHALL BE THERMOPLASTIC, UNLESS OTHERWISE NOTED. ALL STRIPING SHOULD BE INSTALLED PER GDOT SPECIFICATIONS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL RULES AND REGULATIONS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES DURING ROAD WIDENING.
7. ALL EXISTING STRIPING, SIGNAGE, RAISED PAVEMENT MARKERS, UTILITIES, ETC. WHICH CONFLICTS WITH PROPOSED IMPROVEMENTS SHOULD BE REMOVED AND/OR RELOCATED PER GEORGIA DOT SPECIFICATIONS TO INCORPORATE NEW IMPROVEMENTS.
8. NECESSARY BARRICADES, SUFFICIENT LIGHTS, SIGNS, AND OTHER TRAFFIC CONTROL METHODS AS MAY BE NECESSARY FOR THE PROTECTION AND SAFETY OF THE PUBLIC SHALL BE PROVIDED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PROJECT.



Know what's below.  
Call before you dig.

**REVISION DATES**

NO.	DATE	DESCRIPTION

**GENERAL NOTES**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

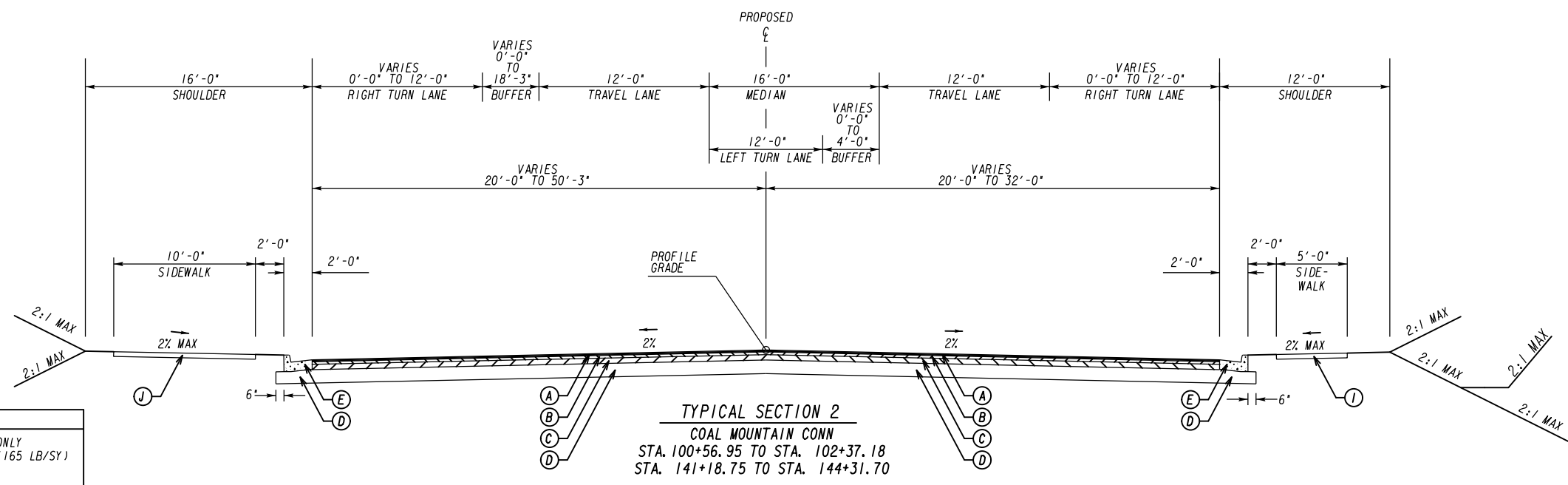
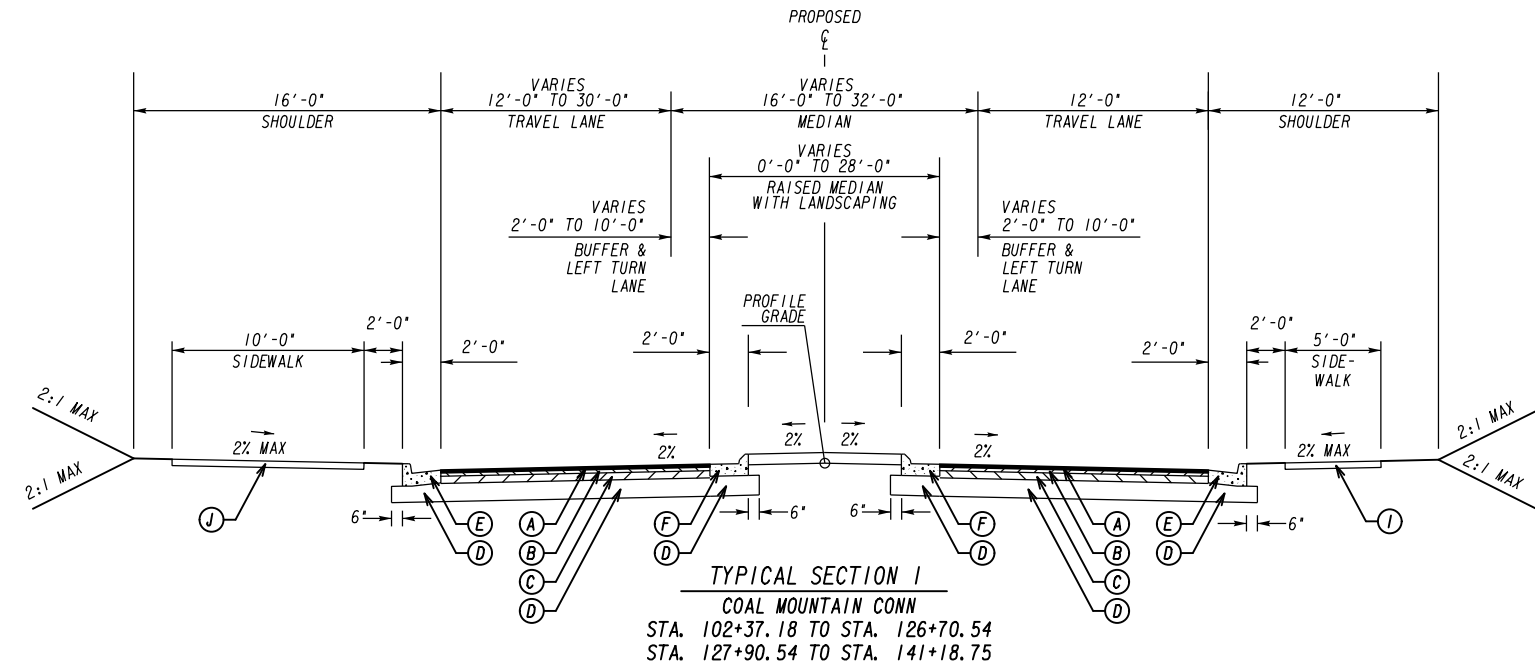
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	04-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	

Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com





\* CROSS SLOPE VARIES. SEE PLANS AND CROSS SECTIONS FOR LOCATIONS AND DETAILS  
 Δ THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE PAVEMENT CROSS SLOPE ON THE HIGH SIDE OF SUPERELEVATION

PAVEMENT SECTION

- (A) RECYCLED ASPH CONC 12.5mm SUPERPAVE, GP 2 ONLY INCL POLYMER-MODIFIED BITUM MATL & H LIME (165 LB/SY)
- (B) RECYCLED ASPH CONC 19 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (275/SY)
- (C) RECYCLED ASPH CONC 25 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (440/SY)
- (D) GR AGGR BASE CRS, 10 INCH, INCL MATL
- (E) CONC CURB & GUTTER, 6 IN X 24 IN, TP 2
- (F) CONC CURB & GUTTER, 6 IN X 24 IN, TP 7
- (G) HEADER CURB, 6 IN X 7 IN, TP 7
- (H) HEADER CURB, 4 IN X 8 IN, TP 9
- (I) CONC SIDEWALK, 4 IN
- (J) CONC SIDEWALK, 6 IN
- (K) PLAIN PC CONCRETE PAVEMENT, 10 IN
- (L) PAVEMENT EDGE TREATMENT - SEE GOOT DETAIL P-7
- (M) 1.5" MILLING

Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com

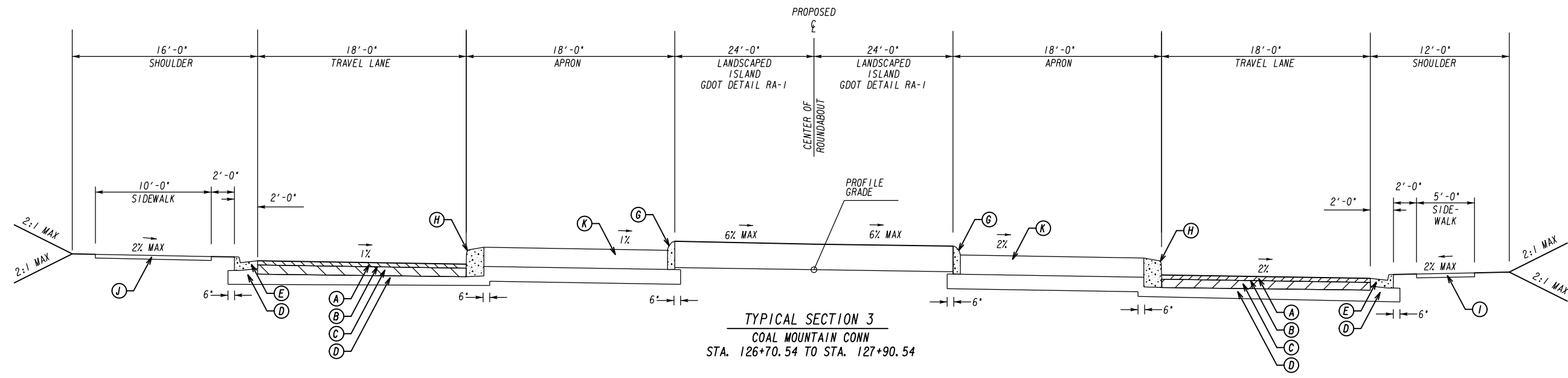
NOT TO SCALE

REVISION DATES

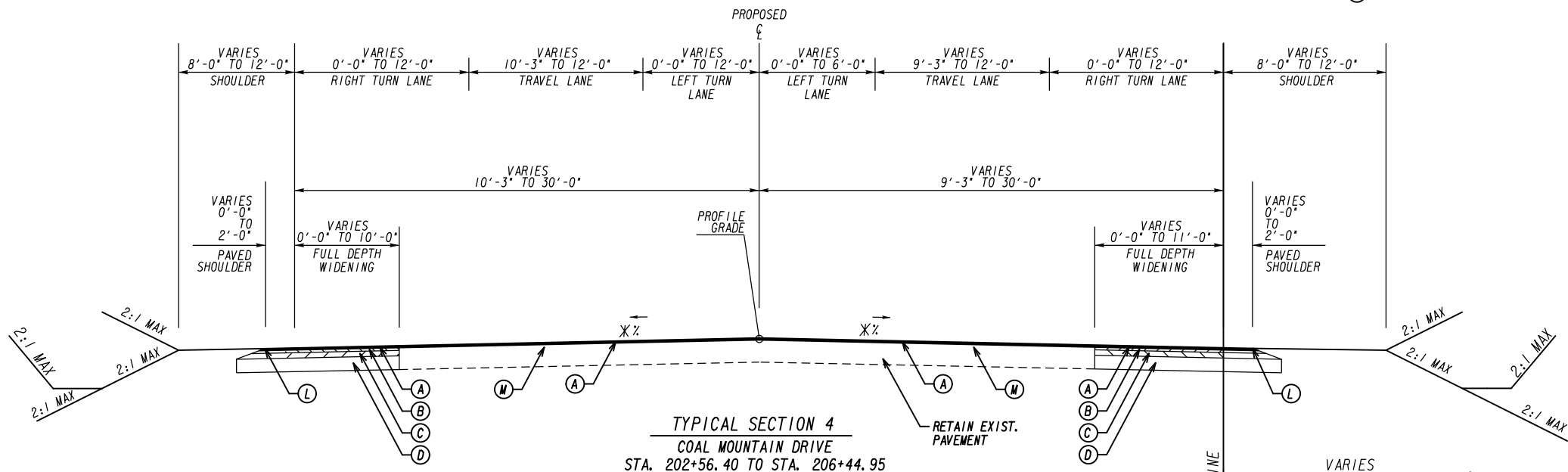
NO.	DATE	DESCRIPTION

TYPICAL SECTIONS  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

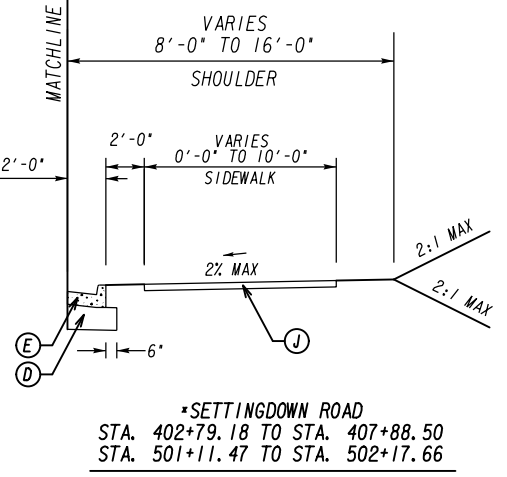
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	05-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	



TYPICAL SECTION 3  
COAL MOUNTAIN CONN  
STA. 126+70.54 TO STA. 127+90.54



TYPICAL SECTION 4  
COAL MOUNTAIN DRIVE  
STA. 202+56.40 TO STA. 206+44.95  
DAHLONEGA HIGHWAY  
STA. 300+90.62 TO STA. 312+60  
SETTINGDOWN ROAD\*  
STA. 502+17.66 TO STA. 504+05.13



\*SETTINGDOWN ROAD  
STA. 402+79.18 TO STA. 407+88.50  
STA. 501+11.47 TO STA. 502+17.66

\* CROSS SLOPE VARIES. SEE PLANS AND CROSS SECTIONS FOR LOCATIONS AND DETAILS  
 Δ THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE PAVEMENT CROSS SLOPE ON THE HIGH SIDE OF SUPERELEVATION

PAVEMENT SECTION

- (A) RECYCLED ASPH CONC 12.5mm SUPERPAVE, GP 2 ONLY INCL POLYMER-MODIFIED BITUM MATL & H LIME (165 LB/SY)
- (B) RECYCLED ASPH CONC 19 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (275/SY)
- (C) RECYCLED ASPH CONC 25 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (440/SY)
- (D) GR AGGR BASE CRS, 10 INCH, INCL MATL
- (E) CONC CURB & GUTTER, 6 IN X 24 IN, TP 2
- (F) CONC CURB & GUTTER, 6 IN X 24 IN, TP 7
- (G) HEADER CURB, 6 IN X 7 IN, TP 7
- (H) HEADER CURB, 4 IN X 8 IN, TP 9
- (I) CONC SIDEWALK, 4 IN
- (J) CONC SIDEWALK, 6 IN
- (K) PLAIN PC CONCRETE PAVEMENT, 10 IN
- (L) PAVEMENT EDGE TREATMENT - SEE GDOT DETAIL P-7
- (M) 1.5" MILLING

Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

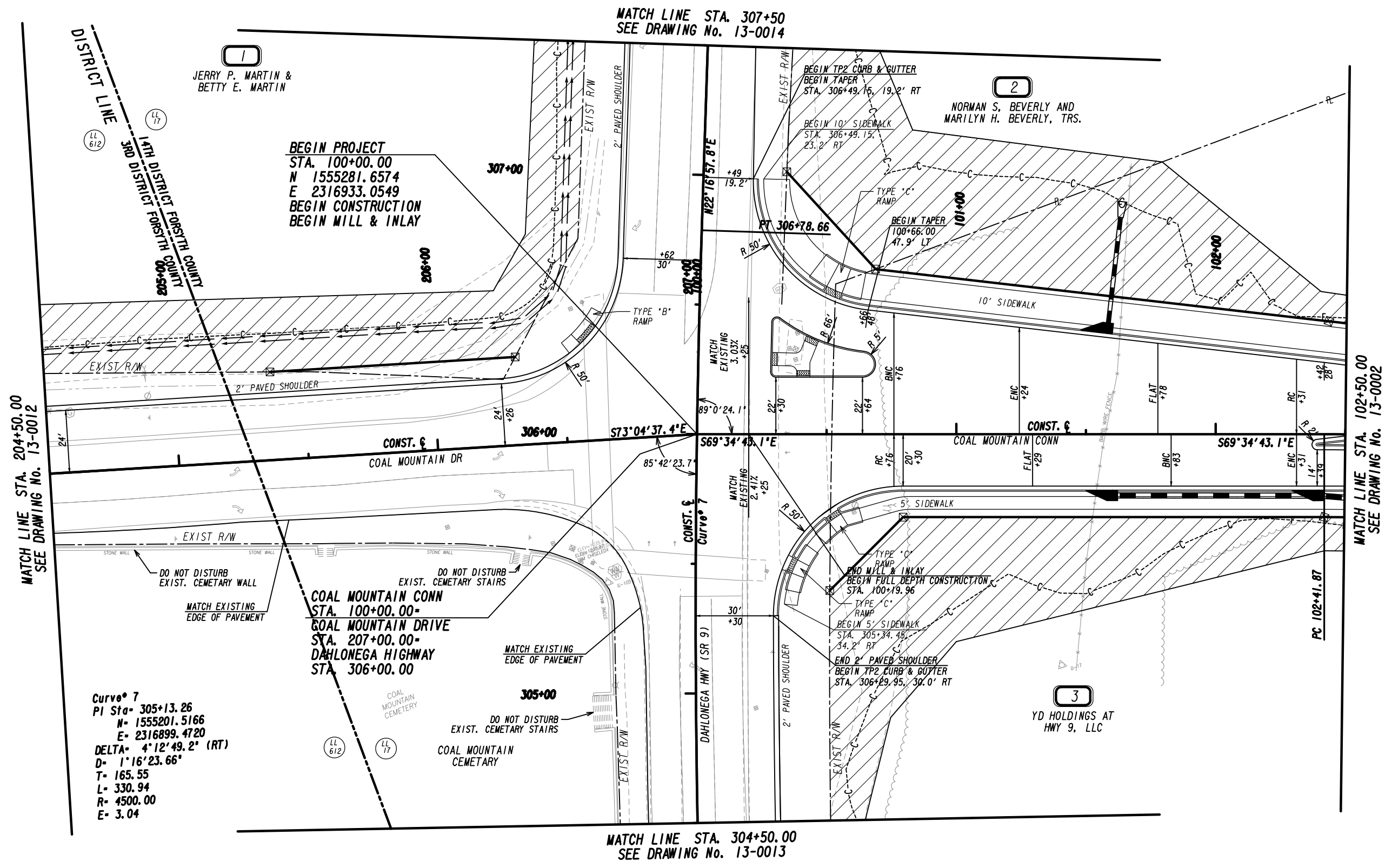
NOT TO SCALE

REVISION DATES

NO.	DATE	DESCRIPTION

TYPICAL SECTIONS  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	05-0002
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 204+50.00  
SEE DRAWING No. 13-0012

MATCH LINE STA. 102+50.00  
SEE DRAWING No. 13-0002

Curve\* 7  
PI Sta= 305+13.26  
N= 1555201.5166  
E= 2316899.4720  
DELTA= 4°12'49.2" (RT)  
D= 1°16'23.66"  
T= 165.55  
L= 330.94  
R= 4500.00  
E= 3.04

BEGIN PROJECT  
STA. 100+00.00  
N 1555281.6574  
E 2316933.0549  
BEGIN CONSTRUCTION  
BEGIN MILL & INLAY

COAL MOUNTAIN CONN  
STA. 100+00.00-  
COAL MOUNTAIN DRIVE  
STA. 207+00.00-  
DAHLONEGA HIGHWAY  
STA. 306+00.00

MATCH LINE STA. 304+50.00  
SEE DRAWING No. 13-0013

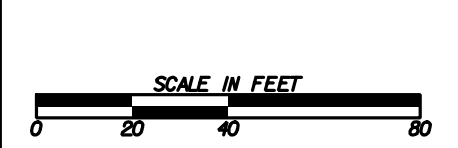
PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES

---+---  
---C---F---  
[Hatched Box]  
[Hatched Box]  
[Hatched Box]

BEGIN LIMIT OF ACCESS.....BLA  
END LIMIT OF ACCESS.....ELA  
LIMIT OF ACCESS  
REQ'D R/W & LIMIT OF ACCESS  
ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)

Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com



REVISION DATES	

**MAINLINE PLAN**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	

2  
NORMAN S. BEVERLY &  
MARILYN H. BEVERLY, TRS.

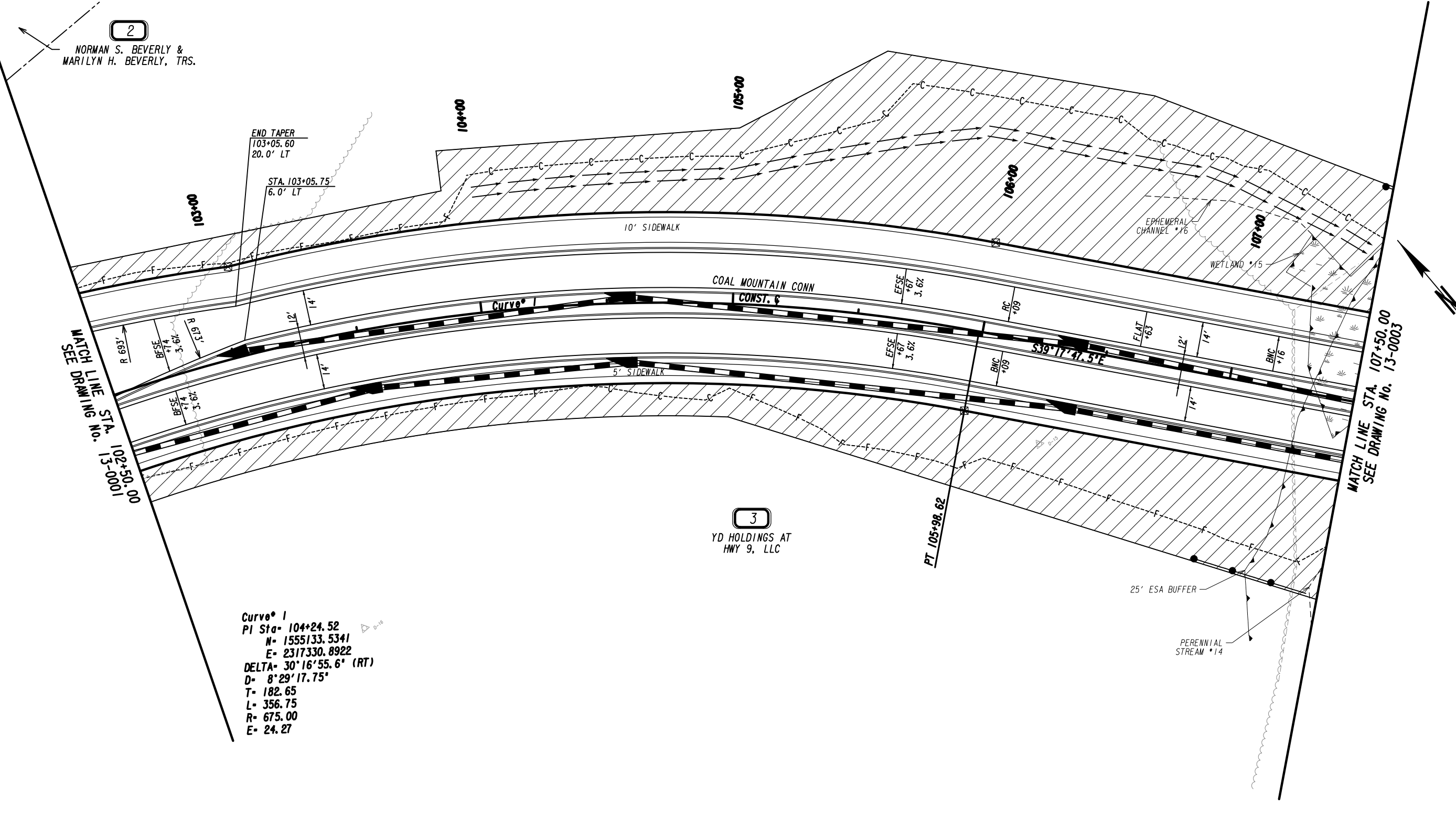
MATCH LINE STA. 102+50.00  
SEE DRAWING NO. 13-0001

MATCH LINE STA. 107+50.00  
SEE DRAWING NO. 13-0003

END TAPER  
103+05.60  
20.0' LT  
STA. 103+05.75  
6.0' LT

Curve 1  
PI Sta- 104+24.52  
N- 1555133.5341  
E- 2317330.8922  
DELTA- 30°16'55.6" (RT)  
D- 8°29'17.75"  
T- 182.65  
L- 356.75  
R- 675.00  
E- 24.27

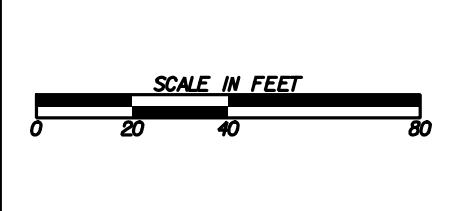
3  
YD HOLDINGS AT  
HWY 9, LLC



PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR	---
& MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	---

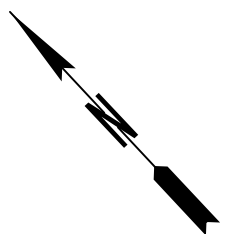
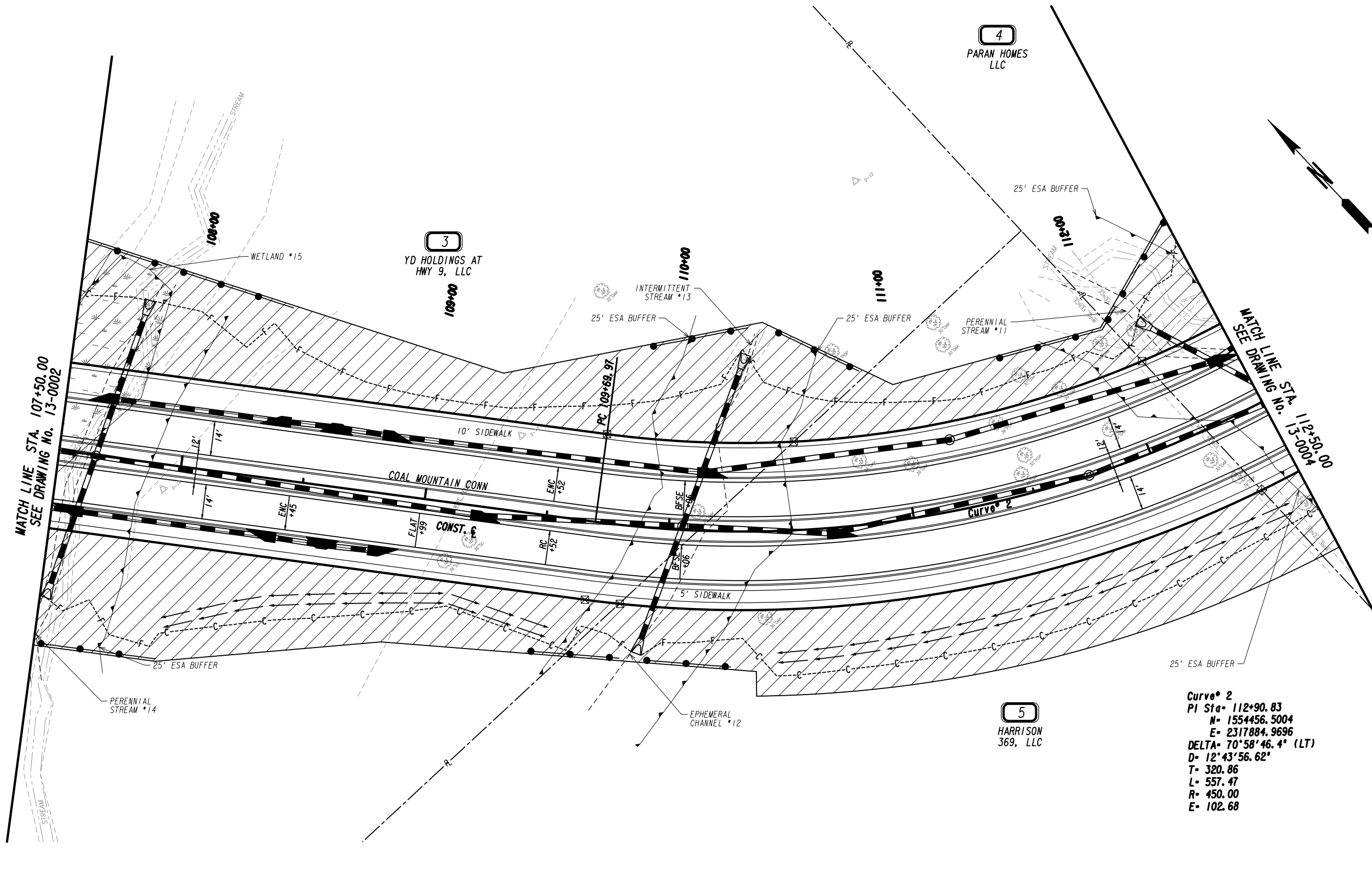
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com



REVISION DATES	

**MAINLINE PLAN**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0002
CORRECTED:	DATE:	
VERIFIED:	DATE:	



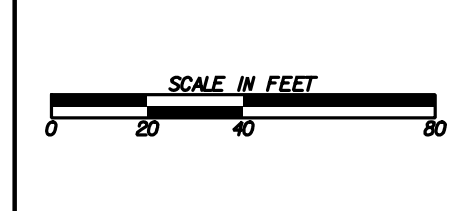
PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR	---
& MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA	---
(SEE ERIT TABLE)	---

Drawing Copyright © 2020



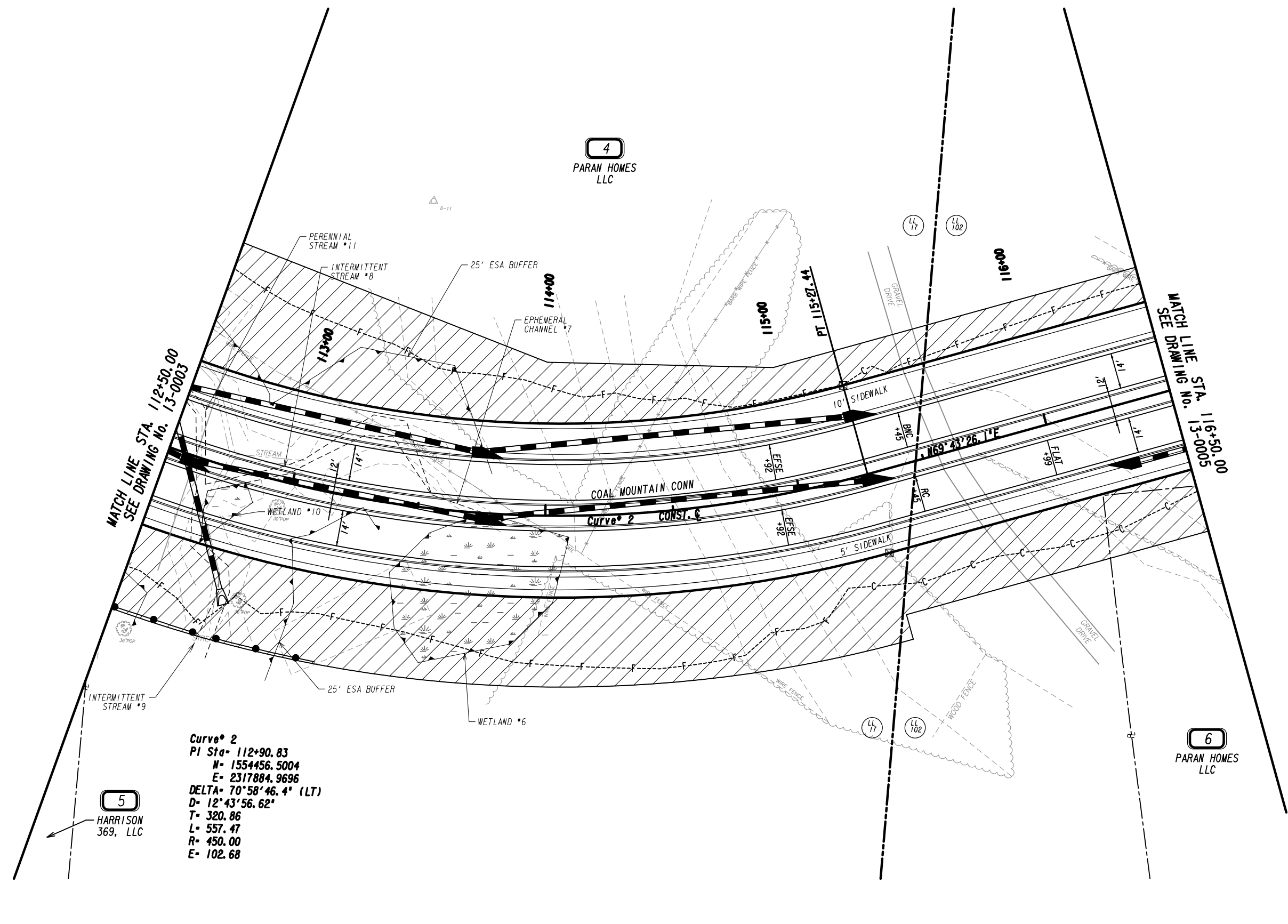
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com



REVISION DATES	

**MAINLINE PLAN**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0003
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 112+50.00  
SEE DRAWING No. 13-0003

MATCH LINE STA. 116+50.00  
SEE DRAWING No. 13-0005

**Curve 2**  
 PI Sta- 112+90.83  
 N- 1554456.5004  
 E- 2317884.9696  
 DELTA- 70°58'46.4" (LT)  
 D- 12°43'56.62"  
 T- 320.86  
 L- 557.47  
 R- 450.00  
 E- 102.68

5  
HARRISON  
369, LLC

6  
PARAN HOMES  
LLC

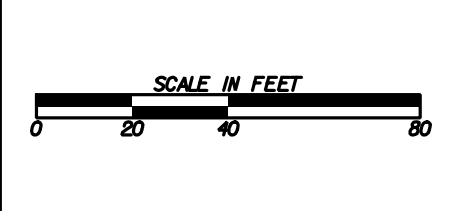


PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR	---
& MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA	---
(SEE ERIT TABLE)	---

Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**MAINLINE PLAN**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0004
CORRECTED:	DATE:	
VERIFIED:	DATE:	

4  
PARAN HOMES  
LLC

6  
PARAN HOMES  
LLC

MATCH LINE STA. 116+50.00  
SEE DRAWING No. 13-0004

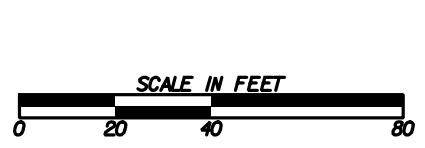
MATCH LINE STA. 121+50.00  
SEE DRAWING No. 13-0006

Curve 3  
PI Sta= 123+86.29  
N= 1554865.3206  
E= 2318991.5731  
DELTA=110°25'53.0" (RT)  
D= 15°26'36.98"  
T= 534.11  
L= 715.06  
R= 371.00  
E= 279.32

PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA  
END LIMIT OF ACCESS.....ELA  
LIMIT OF ACCESS  
REQ'D R/W & LIMIT OF ACCESS  
ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)

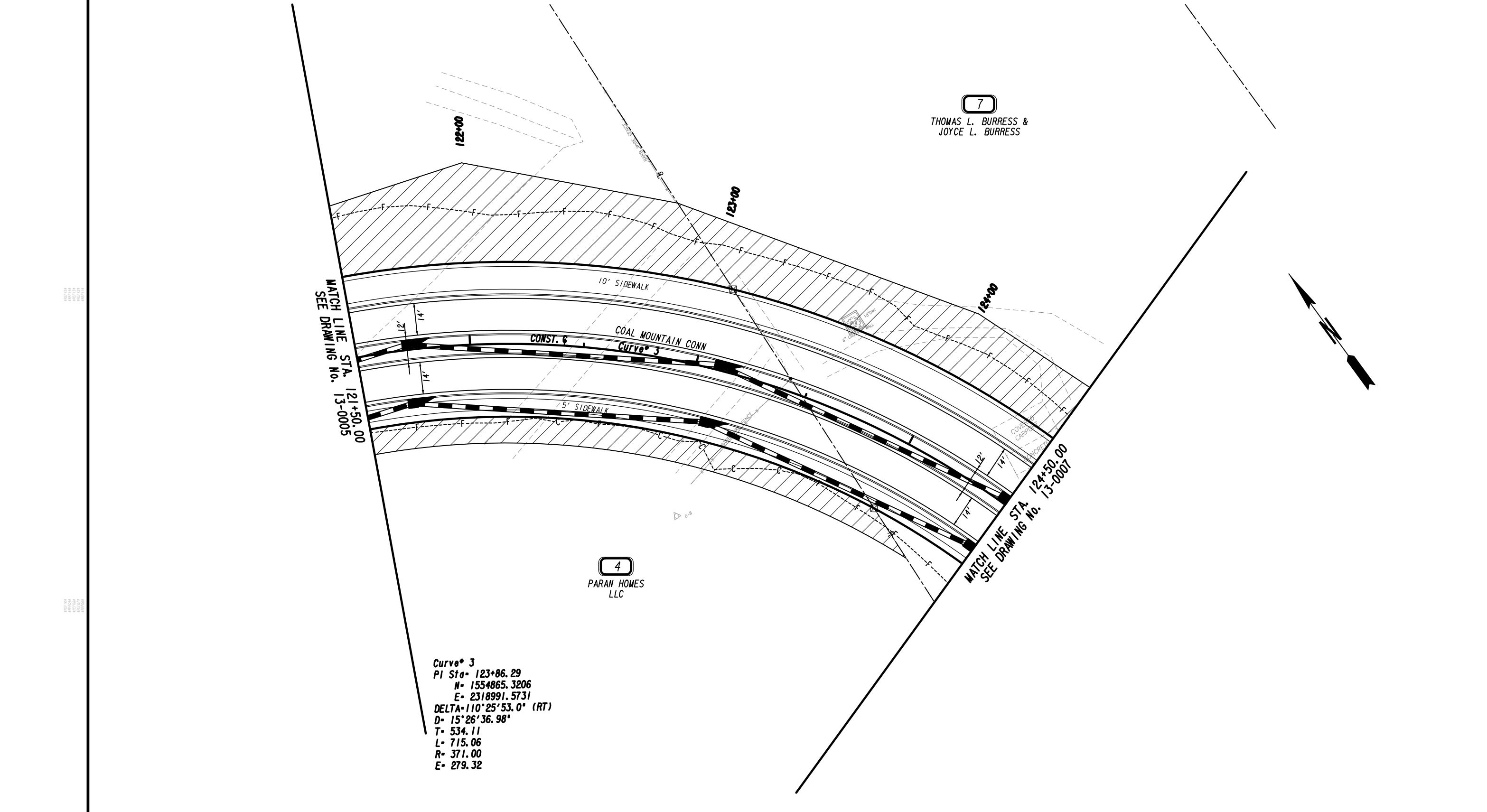
Drawing Copyright © 2020  
**CHA**  
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com



REVISION DATES	

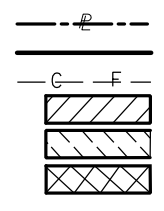
**MAINLINE PLAN**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		13-0005
CORRECTED:		DATE:		
VERIFIED:		DATE:		



Curve 3  
 PI Sta= 123+86.29  
 N= 1554865.3206  
 E= 2318991.5731  
 DELTA=110°25'53.0" (RT)  
 D= 15°26'36.98"  
 T= 534.11  
 L= 715.06  
 R= 371.00  
 E= 279.32

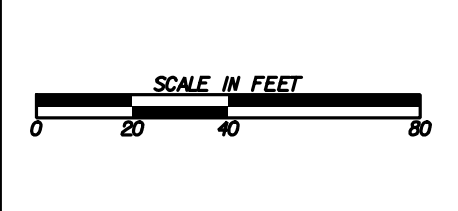
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)

Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com

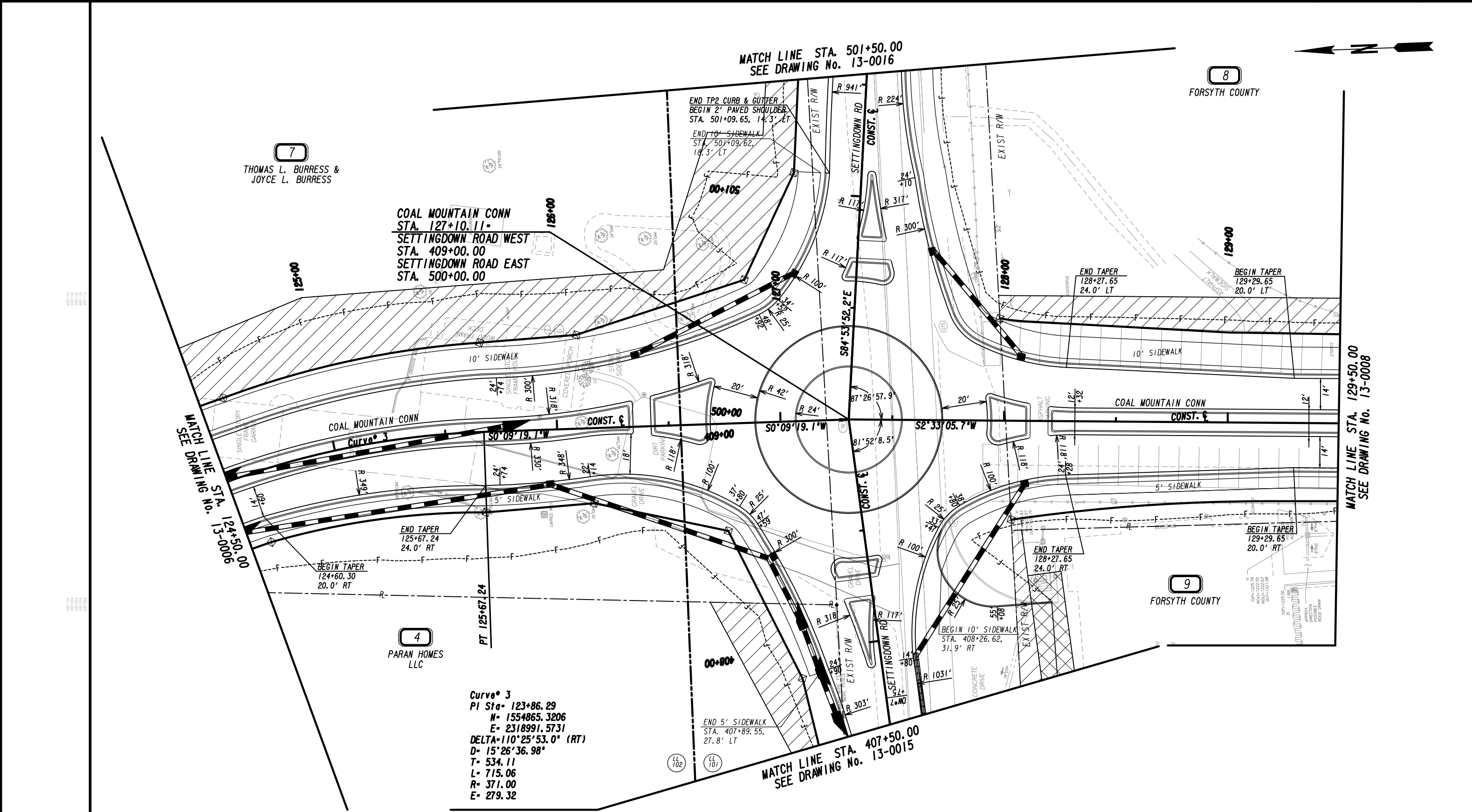


REVISION DATES	

**MAINLINE PLAN**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0006
CORRECTED:	DATE:	
VERIFIED:	DATE:	





MATCH LINE STA. 124+50.00  
SEE DRAWING No. 13-0006

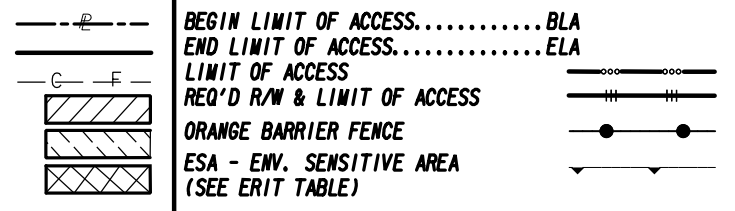
MATCH LINE STA. 501+50.00  
SEE DRAWING No. 13-0016

MATCH LINE STA. 129+50.00  
SEE DRAWING No. 13-0008

MATCH LINE STA. 407+50.00  
SEE DRAWING No. 13-0015

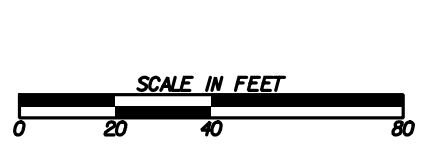
Curve 3  
 PI Sta= 123+86.29  
 N= 1554865.3206  
 E= 2318991.5731  
 DELTA=110°25'53.0" (RT)  
 D= 15°26'36.98"  
 T= 534.11  
 L= 715.06  
 R= 371.00  
 E= 279.32

PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



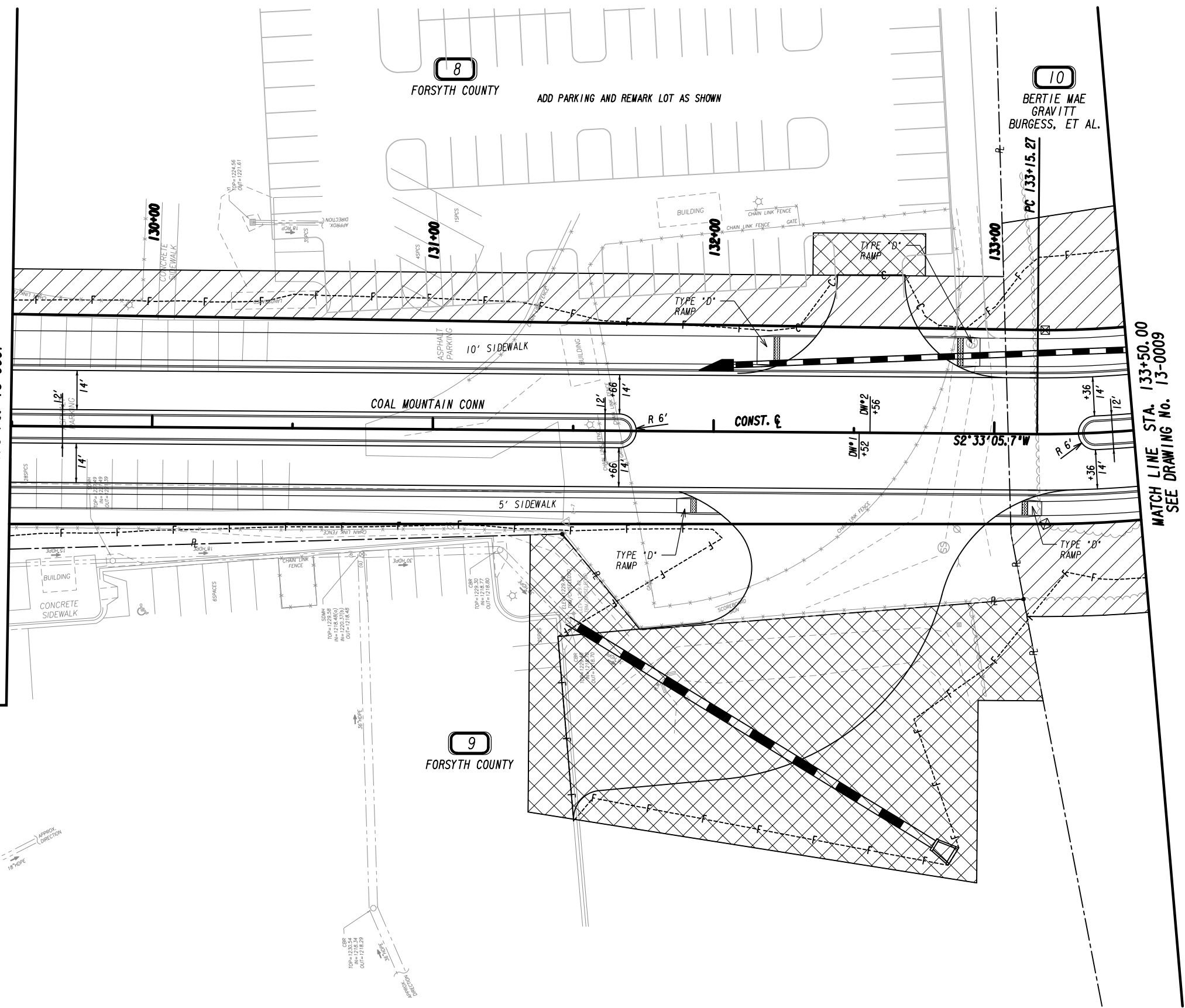
REVISION DATES	

**MAINLINE PLAN**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

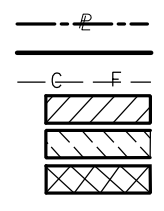
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0007
CORRECTED:	DATE:	
VERIFIED:	DATE:	

MATCH LINE STA. 129+50.00  
SEE DRAWING NO. 13-0007

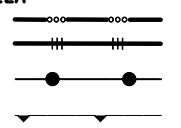
MATCH LINE STA. 133+50.00  
SEE DRAWING NO. 13-0009



PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

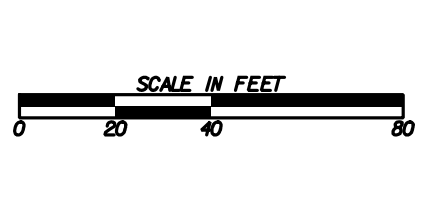


BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



Drawing Copyright © 2020

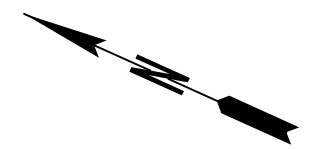
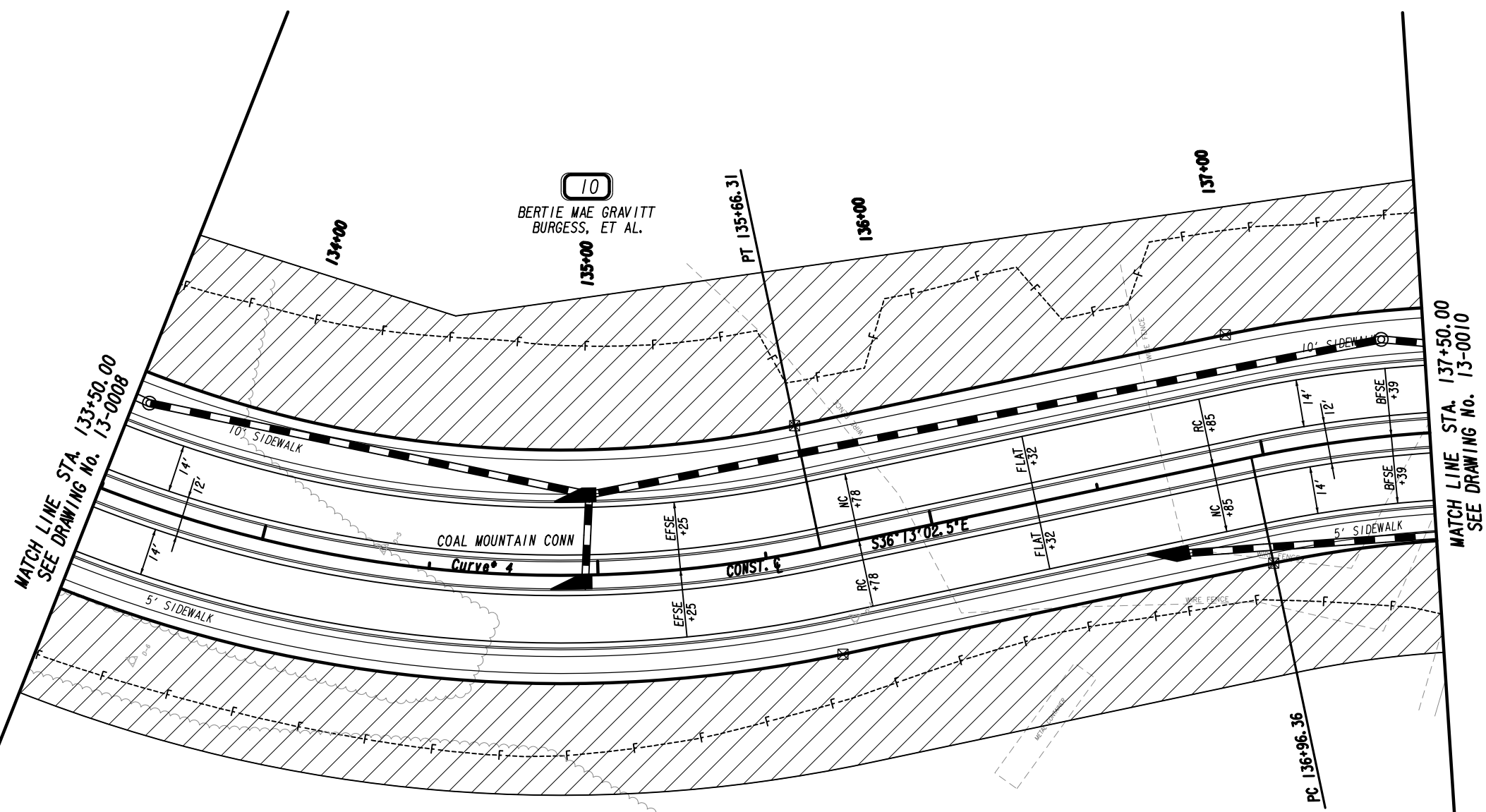
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**MAINLINE PLAN**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0008
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 133+50.00  
SEE DRAWING No. 13-0008

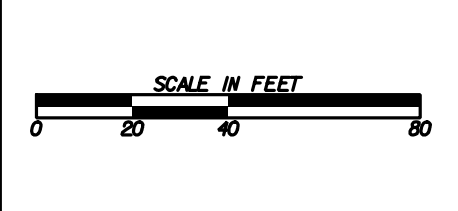
MATCH LINE STA. 137+50.00  
SEE DRAWING No. 13-0010

**Curve\* 4**  
 PI Sta- 134+45.81  
 N- 1553453.3507  
 E- 2318957.8397  
 DELTA- 38°46'08.2" (LT)  
 D- 15°26'36.98"  
 T- 130.54  
 L- 251.04  
 R- 371.00  
 E- 22.29

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR	
& MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS.....BLA	
END LIMIT OF ACCESS.....ELA	
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

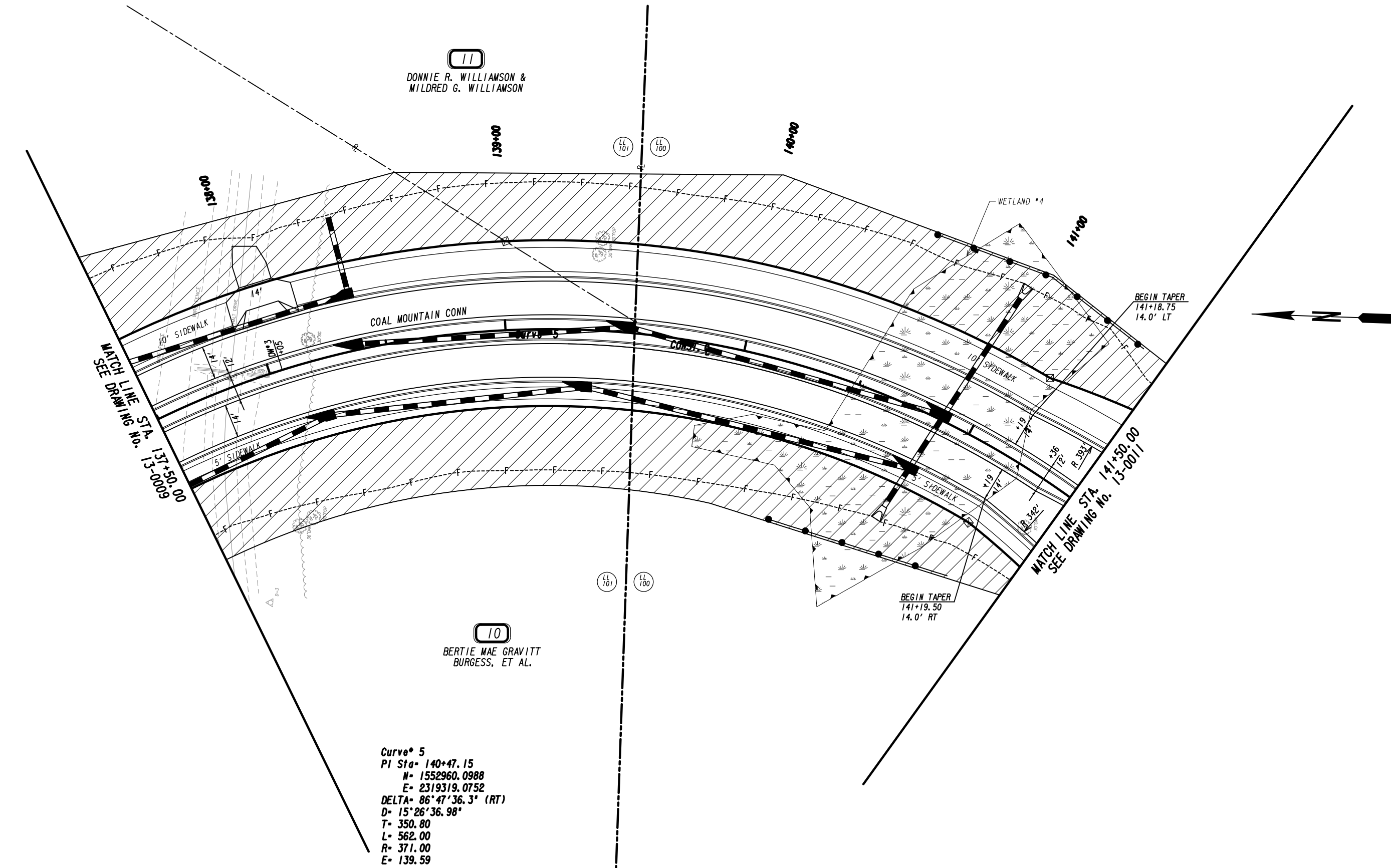
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**MAINLINE PLAN**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0009
CORRECTED:	DATE:	
VERIFIED:	DATE:	



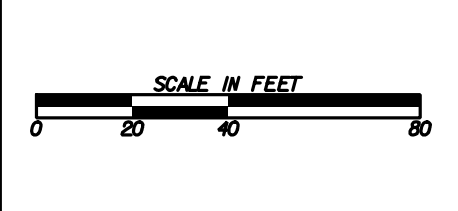
Curve\* 5  
 PI Sta- 140+47.15  
 M- 1552960.0988  
 E- 2319319.0752  
 DELTA- 86°47'36.3" (RT)  
 D- 15°26'36.98"  
 T- 350.80  
 L- 562.00  
 R- 371.00  
 E- 139.59

PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR	---
& MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA	---
(SEE ERIT TABLE)	---

Drawing Copyright © 2020

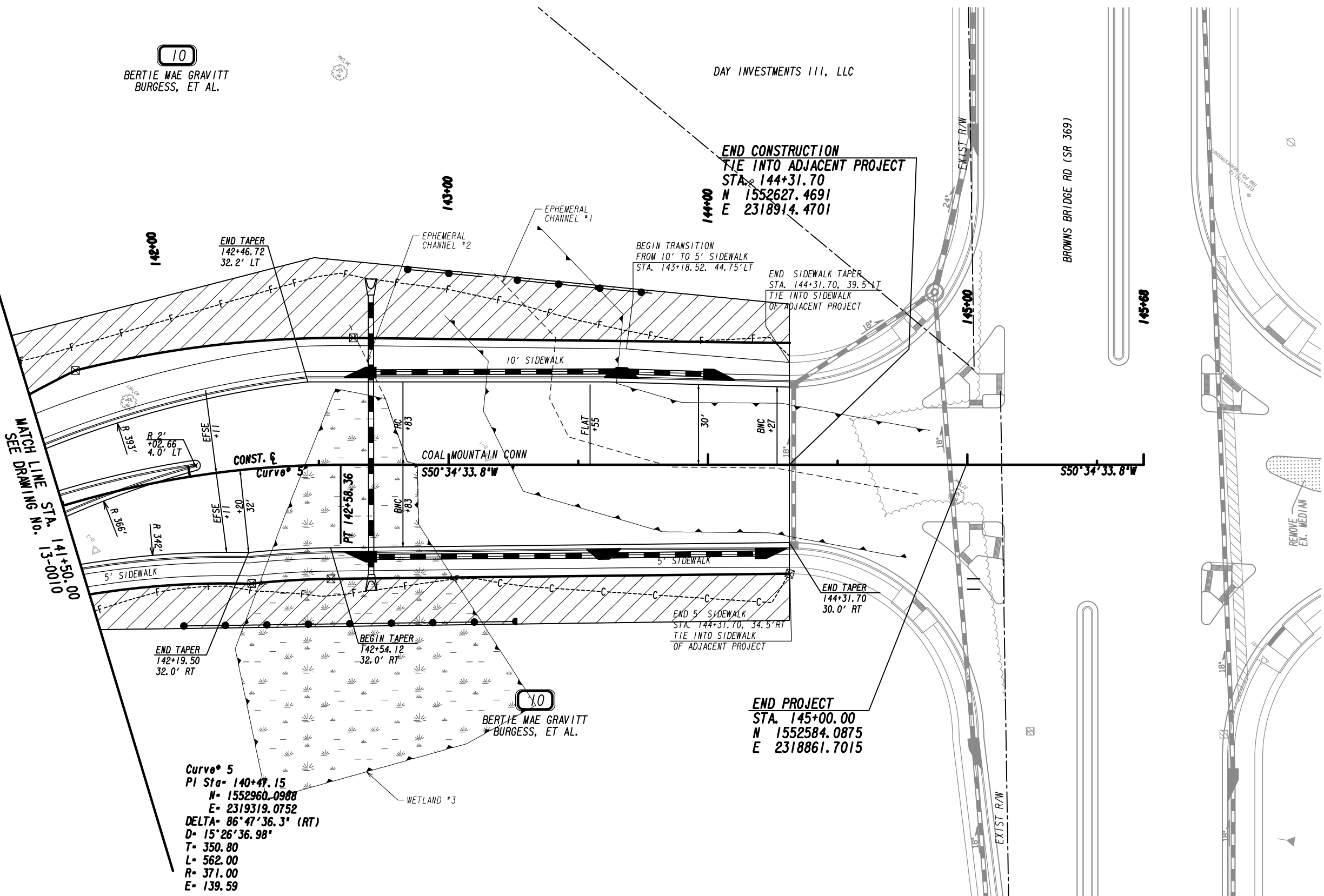
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**MAINLINE PLAN**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0010
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE  
SEE DRAWING No. 13-0010  
STA. 141+50.00

END CONSTRUCTION  
TIE INTO ADJACENT PROJECT  
STA. 144+31.70  
N 1552627.4691  
E 2318914.4701

END PROJECT  
STA. 145+00.00  
N 1552584.0875  
E 2318861.7015

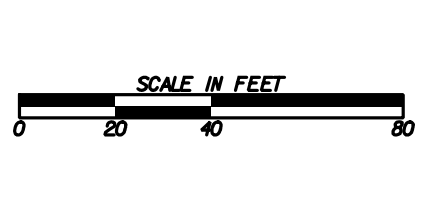
Curve 5  
PI Sta- 140+47.15  
N- 1552960.0988  
E- 2319319.0752  
DELTA- 86°47'36.3" (RT)  
D- 15°26'36.98"  
T- 350.80  
L- 562.00  
R- 371.00  
E- 139.59

PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA  
END LIMIT OF ACCESS.....ELA  
LIMIT OF ACCESS  
REQ'D R/W & LIMIT OF ACCESS  
ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)

Drawing Copyright © 2020

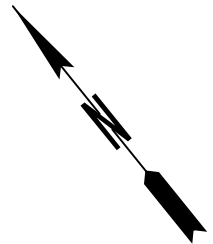
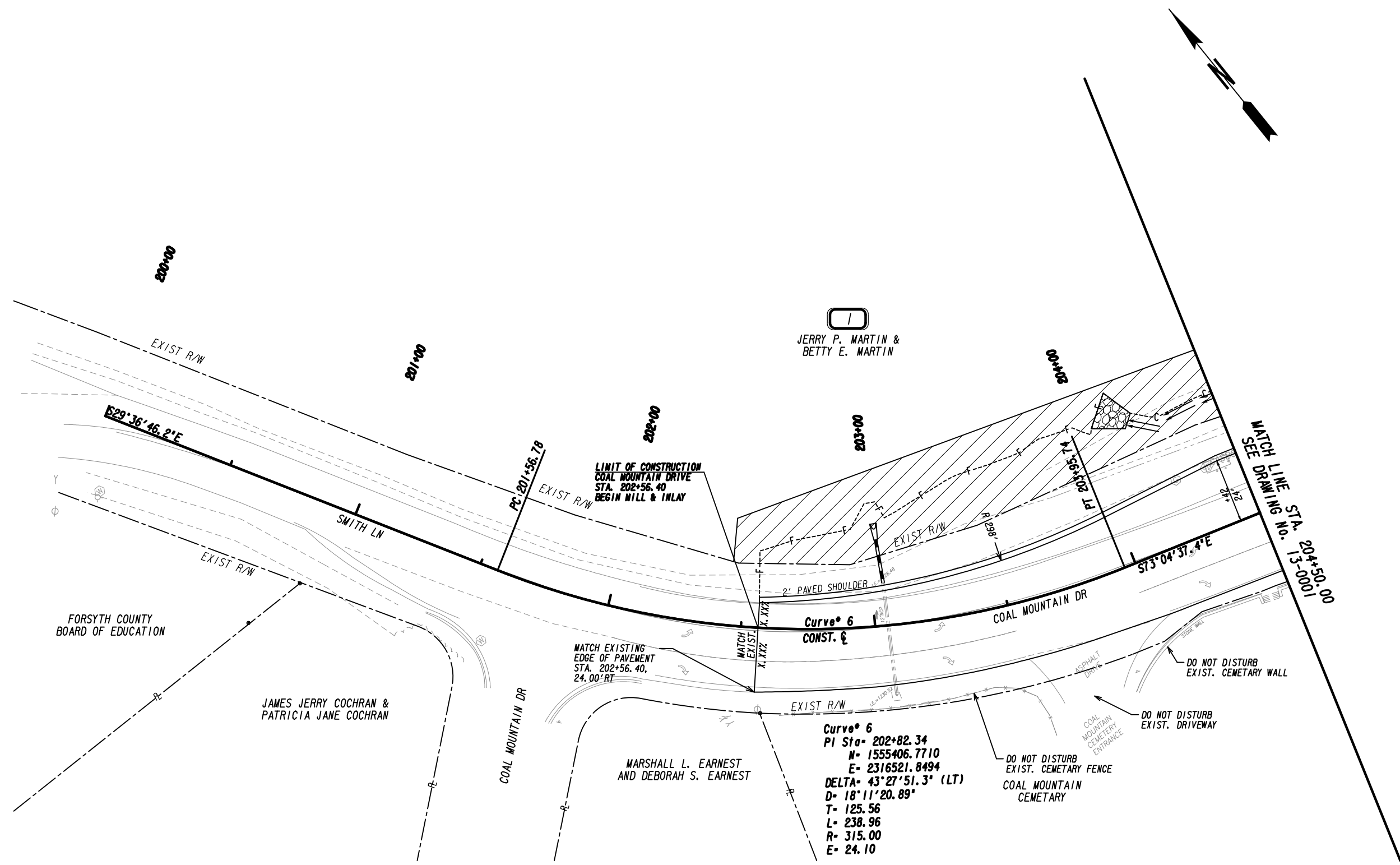
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com



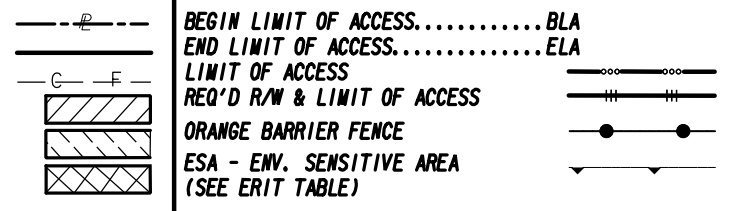
REVISION DATES	

**MAINLINE PLAN**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0011
CORRECTED:	DATE:	
VERIFIED:	DATE:	

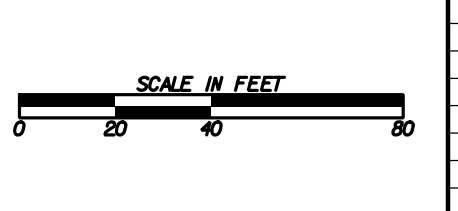


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



Drawing Copyright © 2020

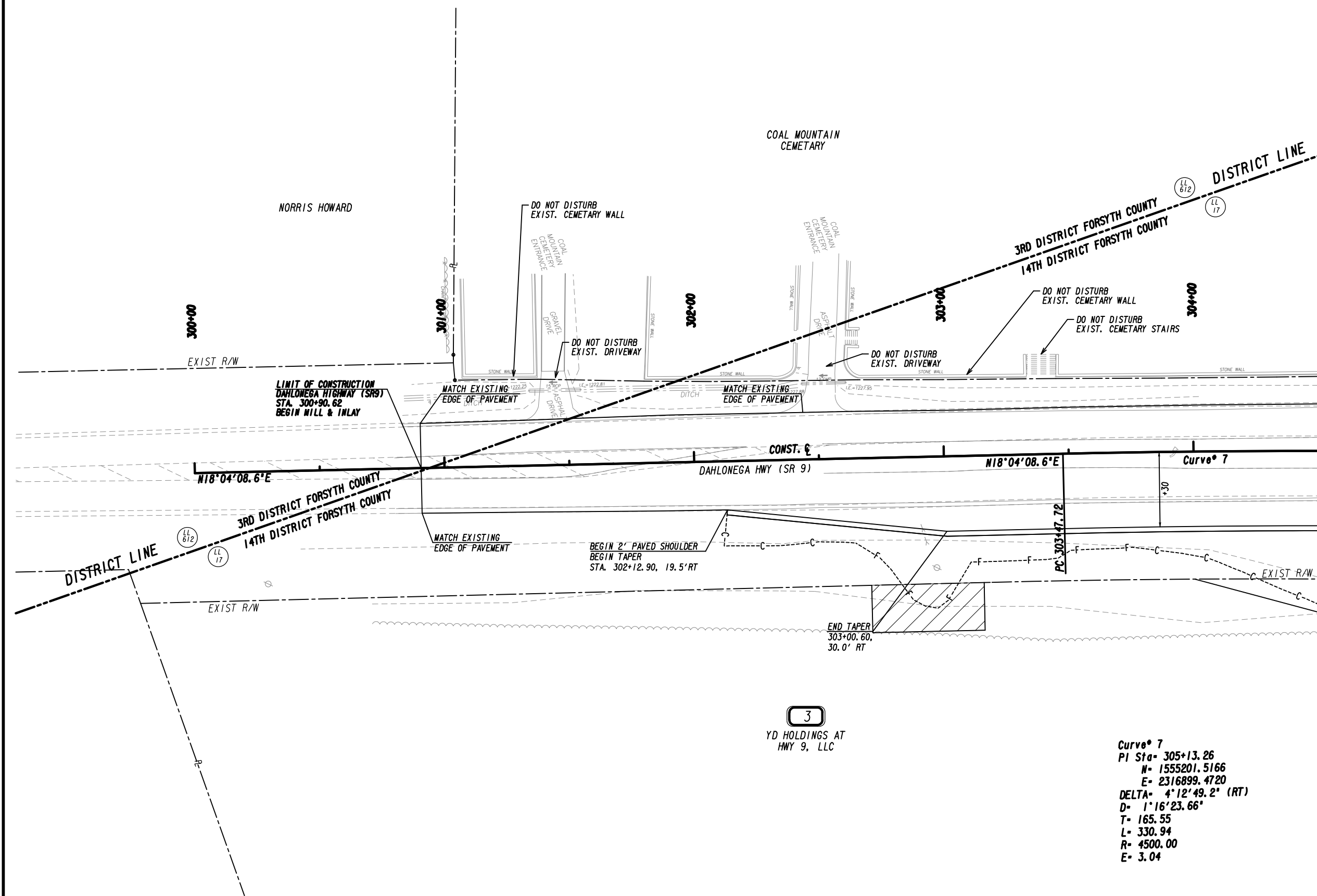
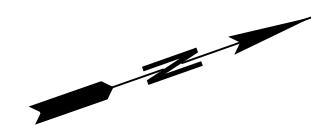
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**MAINLINE PLAN**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0012
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 304+50.00  
SEE DRAWING No. 13-0001

Curve 7  
 PI Sta= 305+13.26  
 N= 1555201.5166  
 E= 2316899.4720  
 DELTA= 4°12'49.2" (RT)  
 D= 1'16"23.66"  
 T= 165.55  
 L= 330.94  
 R= 4500.00  
 E= 3.04

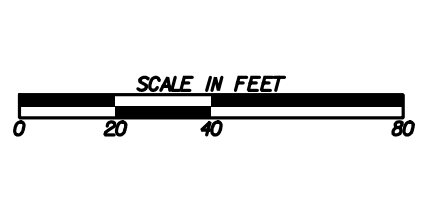
3  
YD HOLDINGS AT  
HWY 9, LLC

PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR	---
& MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	---

Drawing Copyright © 2020

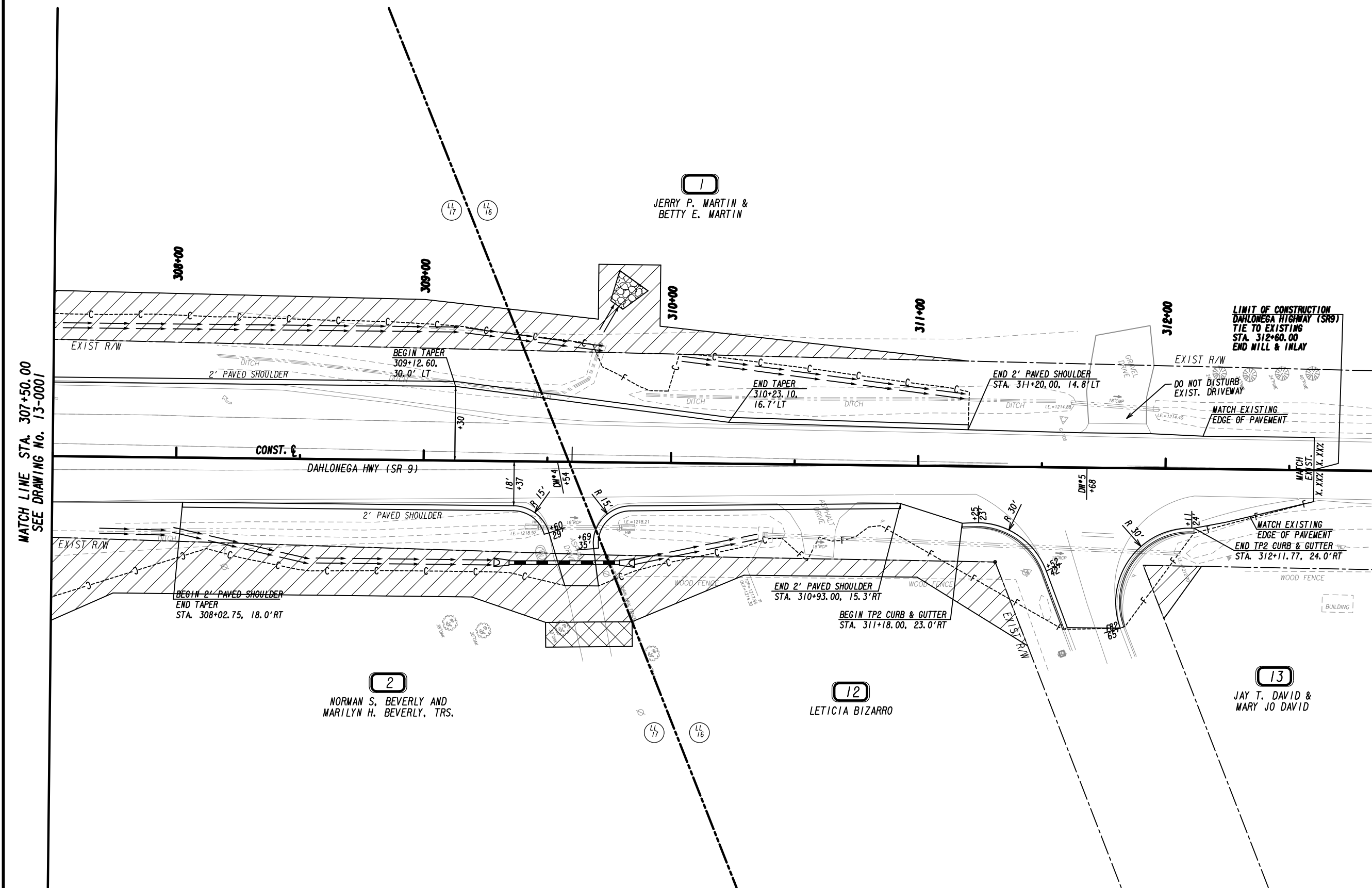
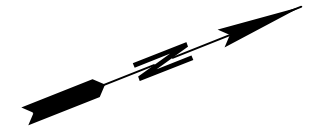
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

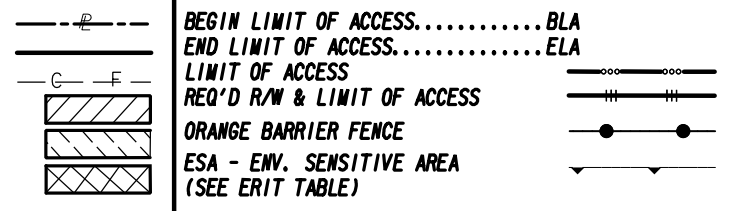
**MAINLINE PLAN**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0013
CORRECTED:	DATE:	
VERIFIED:	DATE:	



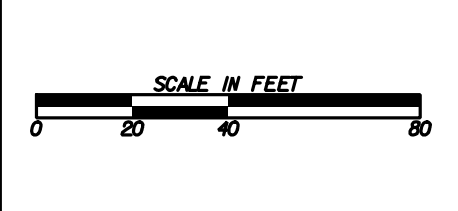
MATCH LINE STA. 307+50.00  
SEE DRAWING NO. 13-0001

PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com

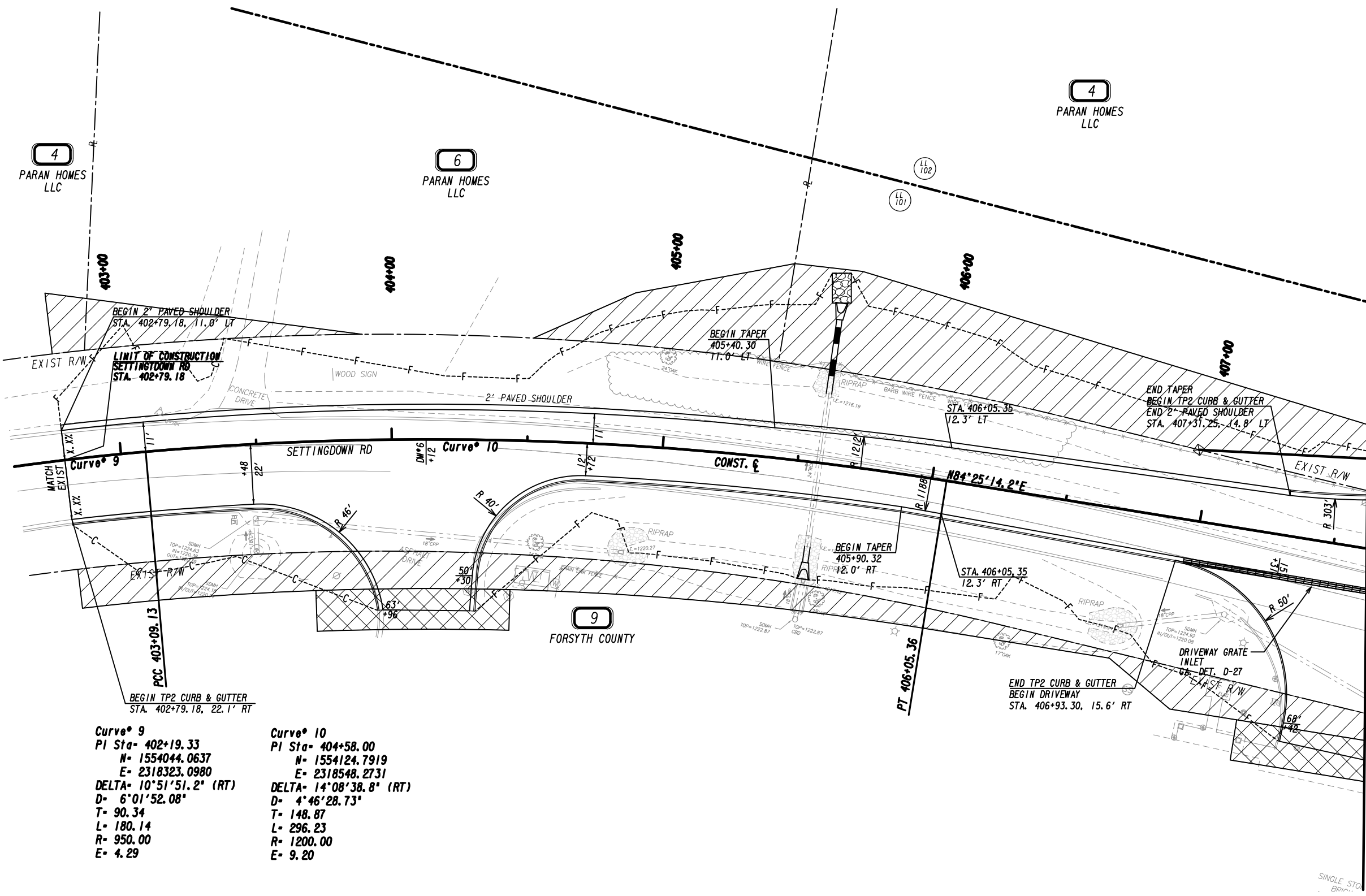


REVISION DATES	

**MAINLINE PLAN**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0014
CORRECTED:	DATE:	
VERIFIED:	DATE:	





MATCH LINE STA. 407+50.00  
SEE DRAWING NO. 13-0007

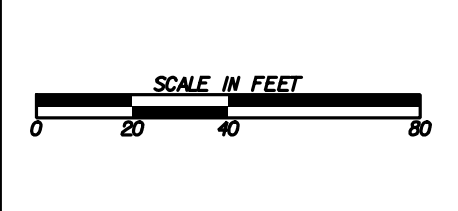
<b>Curve 9</b> PI Sta- 402+19.33 N= 1554044.0637 E= 2318323.0980 DELTA- 10°51'51.2" (RT) D= 6°01'52.08" T= 90.34 L= 180.14 R= 950.00 E= 4.29	<b>Curve 10</b> PI Sta- 404+58.00 N= 1554124.7919 E= 2318548.2731 DELTA- 14°08'38.8" (RT) D= 4°46'28.73" T= 148.87 L= 296.23 R= 1200.00 E= 9.20
---	--

PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR	---
& MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA	---
(SEE ERIT TABLE)	---

Drawing Copyright © 2020

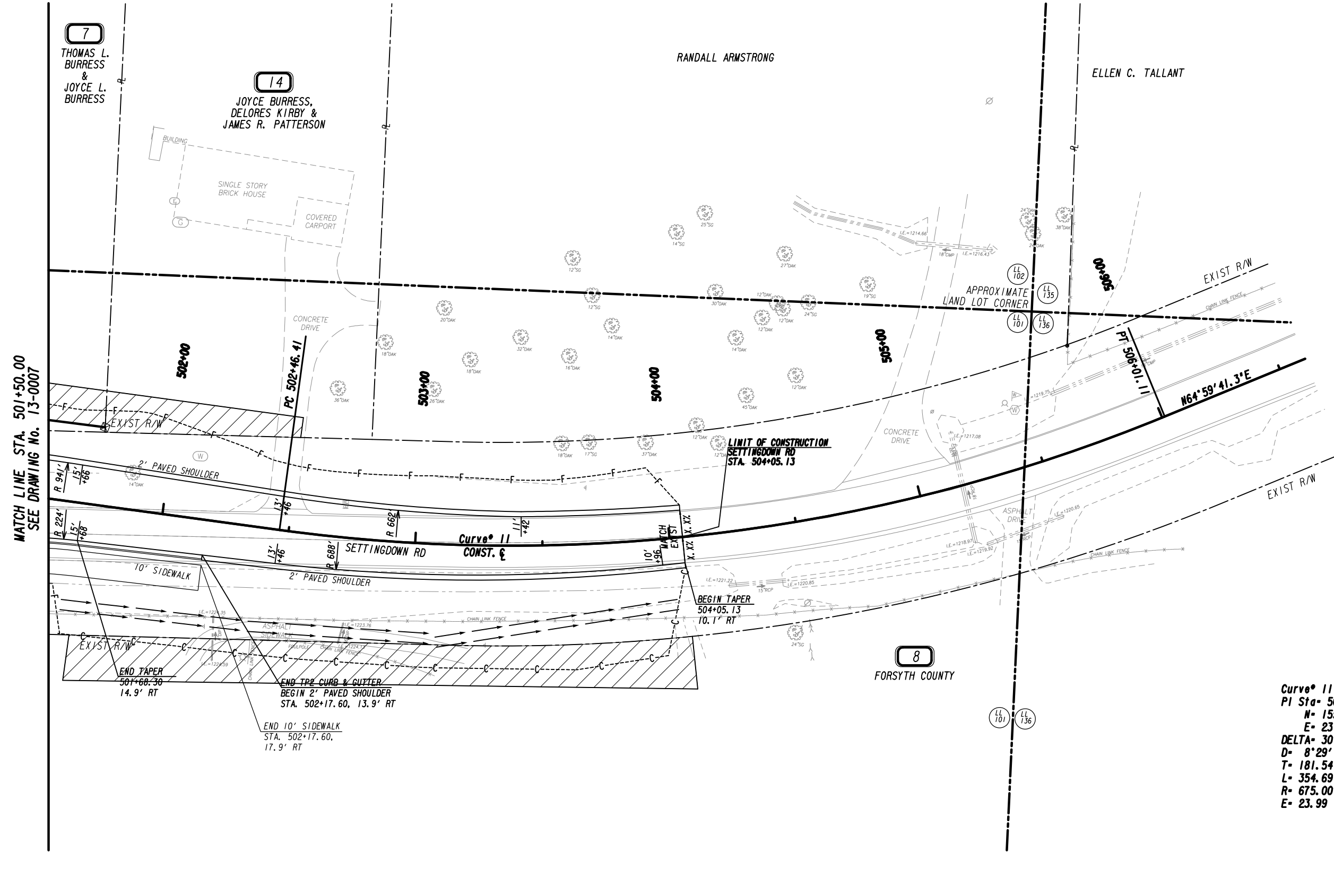
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com



REVISION DATES	

**MAINLINE PLAN**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0015
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 501+50.00  
SEE DRAWING NO. 13-0007

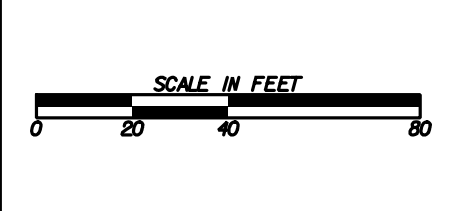
Curve # 11  
 PI Sta- 504+27.96  
 N= 1554129.8530  
 E= 2319415.9442  
 DELTA= 30°06'26.5" (LT)  
 D= 8°29'17.75"  
 T= 181.54  
 L= 354.69  
 R= 675.00  
 E= 23.99

PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)

Drawing Copyright © 2020

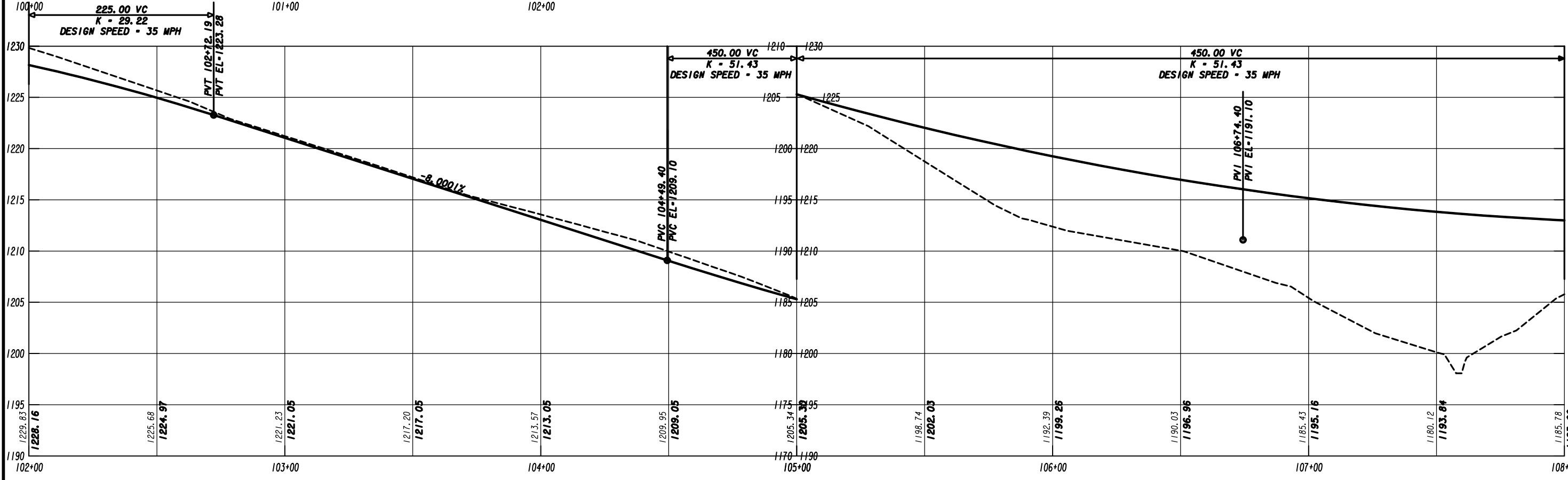
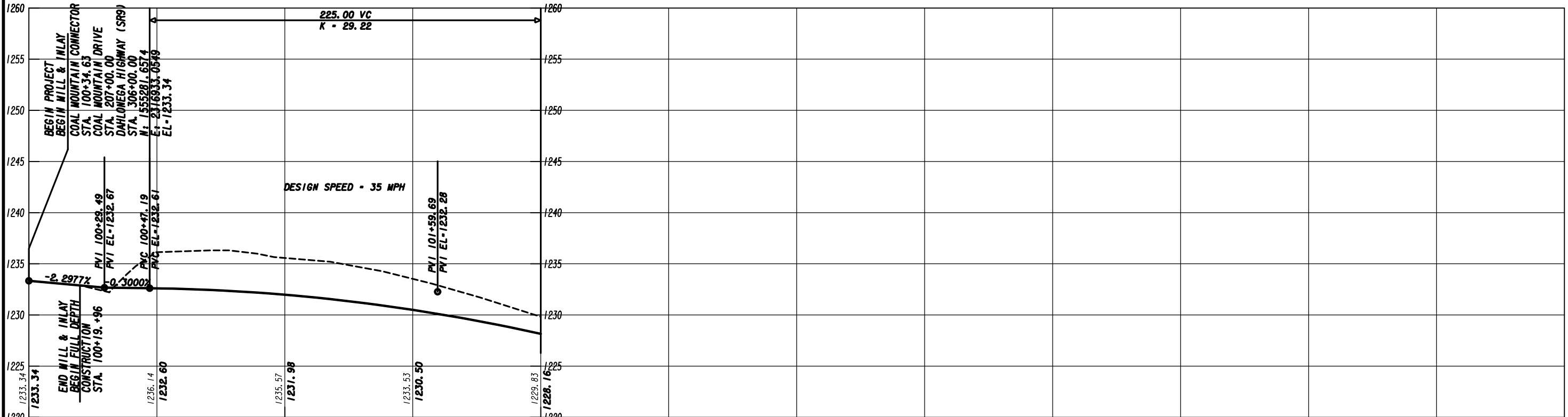
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**MAINLINE PLAN**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0016
CORRECTED:	DATE:	
VERIFIED:	DATE:	



SCALE: 1" = 5' VERT.  
1" = 20' HORIZ.

REVISION DATES		DRAWING No.	
CHECKED:	DATE:	15-0001	
BACKCHECKED:	DATE:		
CORRECTED:	DATE:		
VERIFIED:	DATE:		

**MAINLINE PROFILE**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

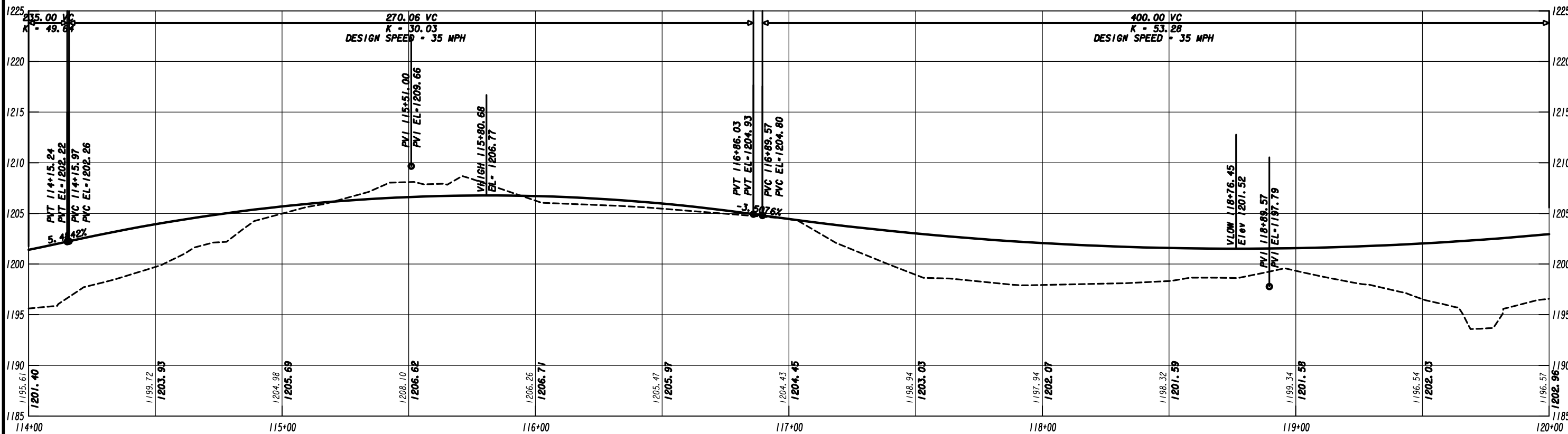
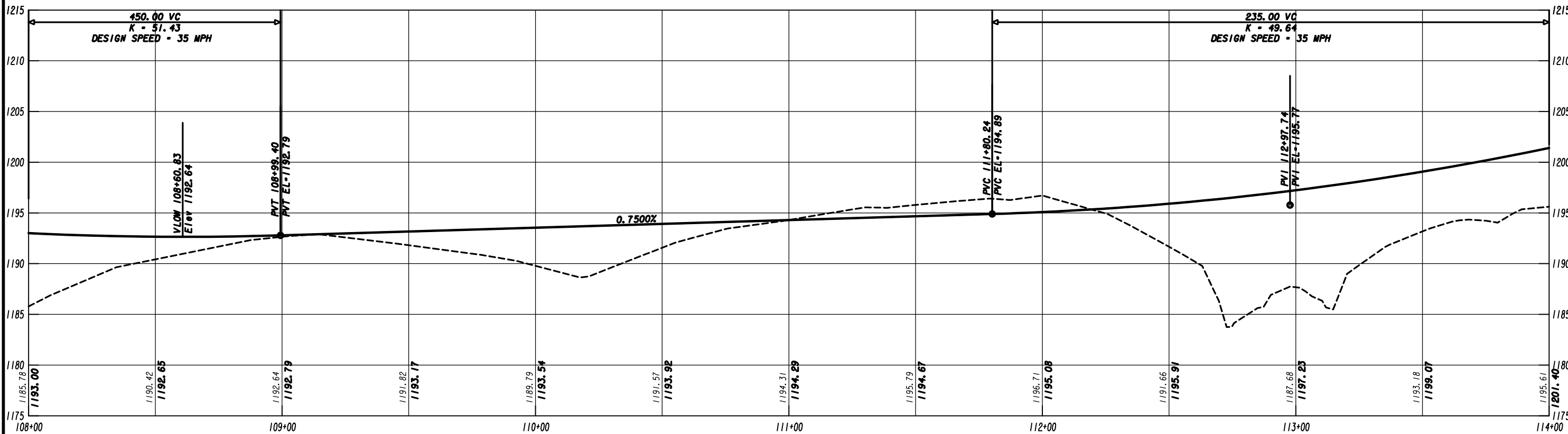
DATE##  
USER##

TIME##  
\*PRF##  
\*\*PENTABLE##

#DGN#

FORSYTH COUNTY

PROJECT NO.  
18-TP-022



SCALE: 1" = 5' VERT.  
1" = 20' HORIZ.

REVISION DATES	

**MAINLINE PROFILE**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		15-0002
CORRECTED:		DATE:		
VERIFIED:		DATE:		

DATE##  
\$USER##

TIME##

\*PRF##

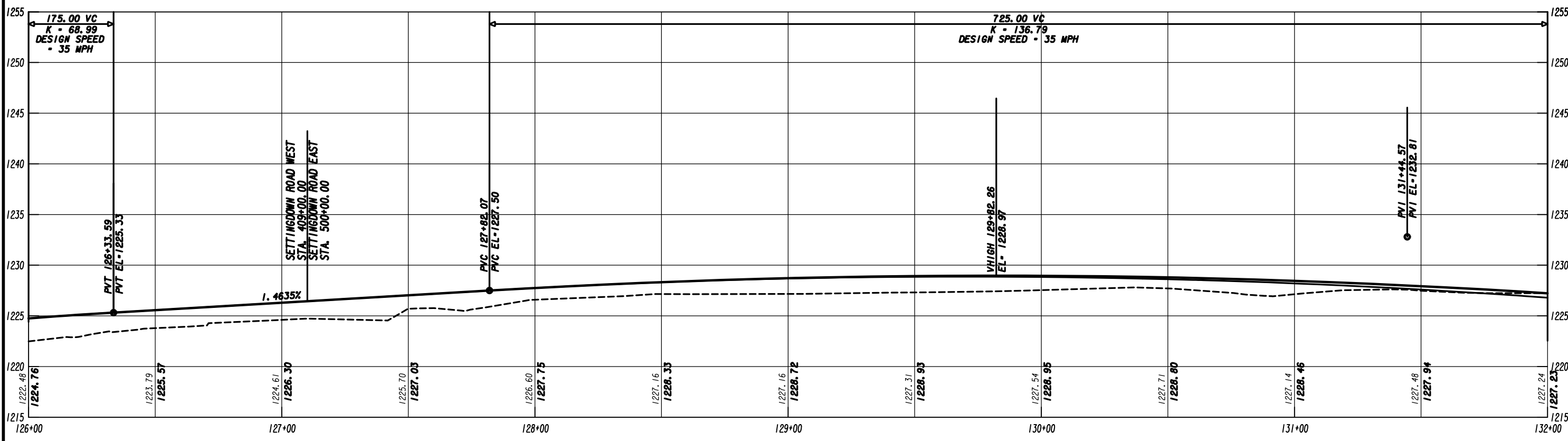
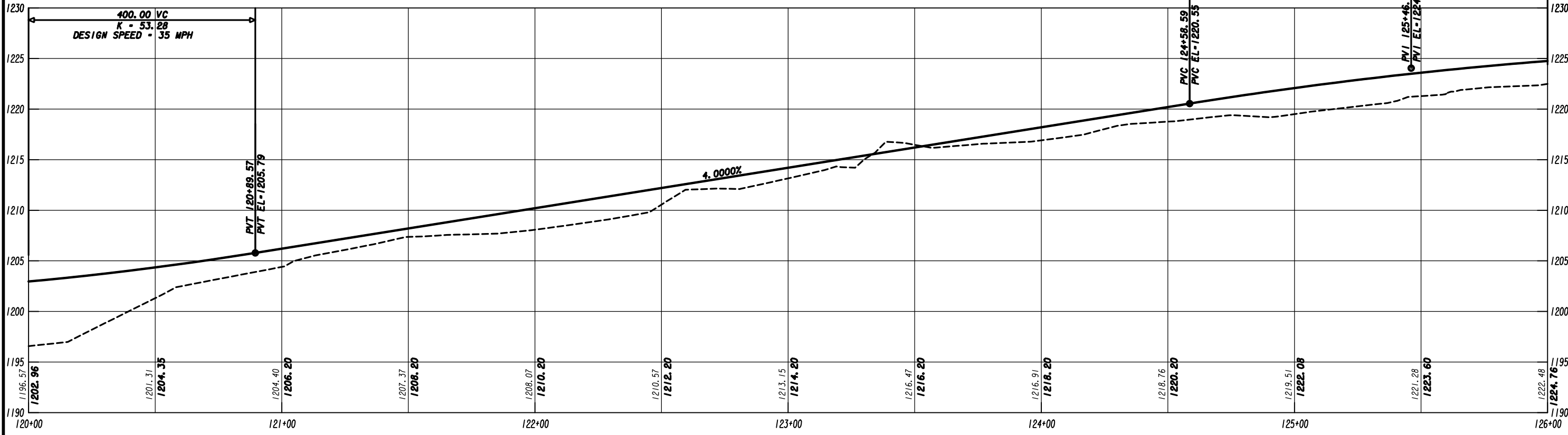
\*\*PENTABLE##

#DGN#

175.00 VC  
K = 68.99

DESIGN SPEED = 35 MPH

PROJECT NO.  
18-TP-1022



SCALE: 1" = 5' VERT.  
1" = 20' HORIZ.

REVISION DATES	

**MAINLINE PROFILE**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		15-0003
CORRECTED:		DATE:		
VERIFIED:		DATE:		

DATE\*\*  
\$USER\*\*

TIME\*\*

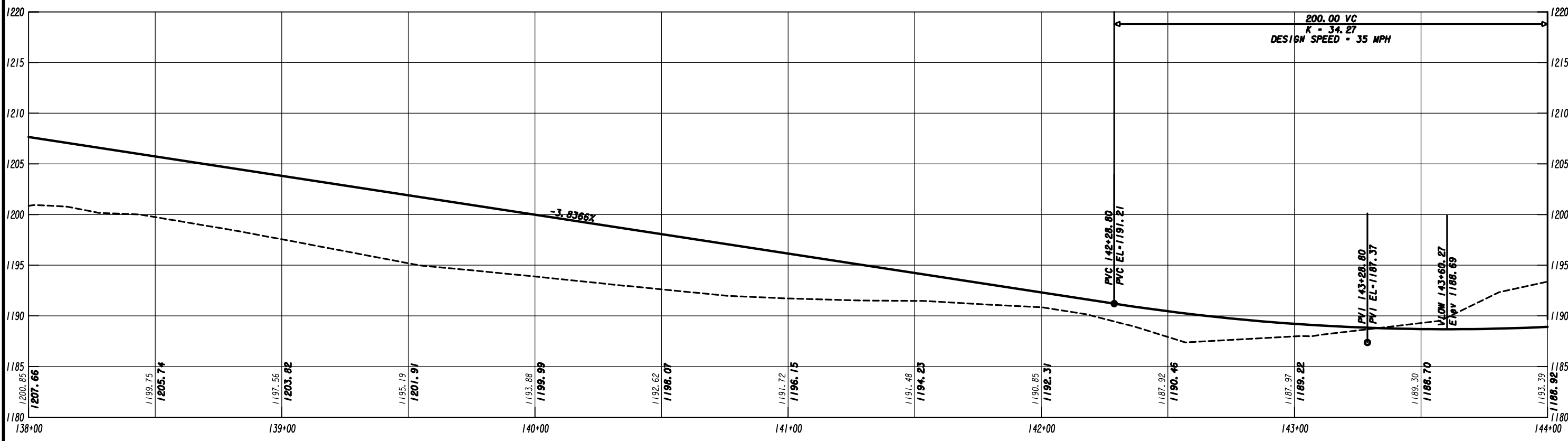
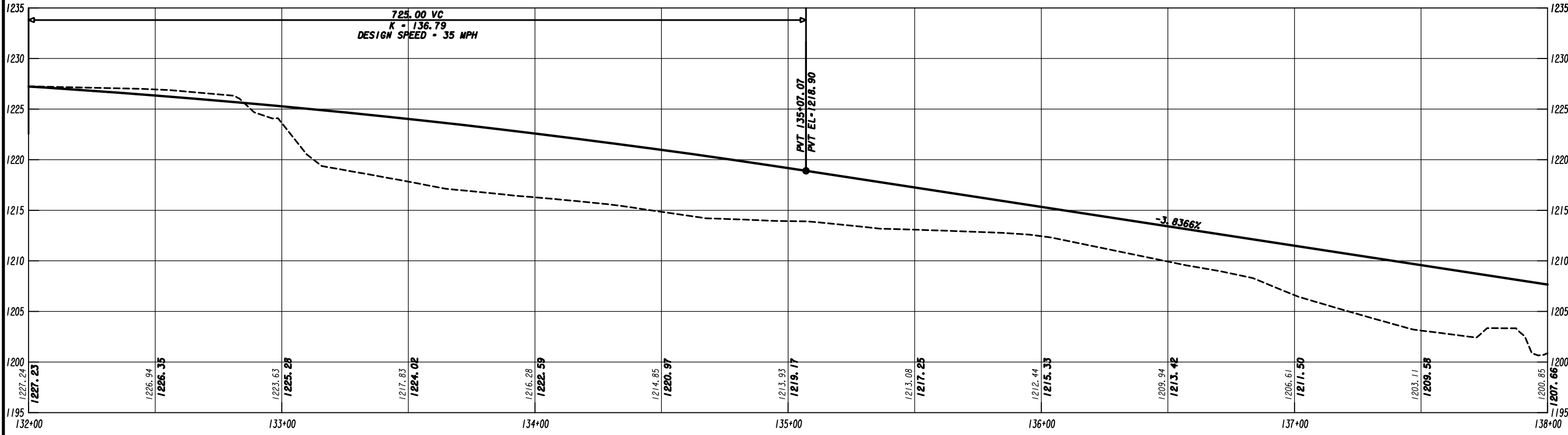
\*PRF\*\*

\*\*PENTABLE\*\*

#DGN\*

FORSYTH COUNTY

PROJECT NO.  
18-TP-022



SCALE: 1" = 5' VERT.  
1" = 20' HORIZ.

REVISION DATES	

**MAINLINE PROFILE**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	15-0004
CORRECTED:	DATE:	
VERIFIED:	DATE:	

DATE\*\*  
\$USER\*\*

TIME\*\*

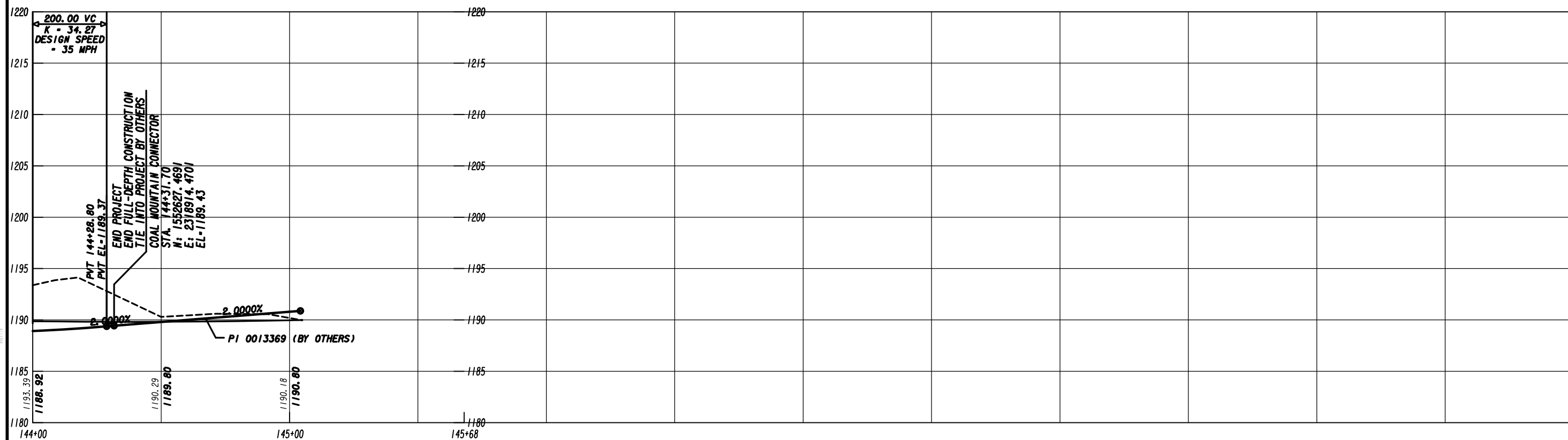
\*PRF\*\*

\*\*PENTABLE\*\*

\*DGN\*

FORSYTH COUNTY

PROJECT NO.  
18-TP-022



1188.92  
1190.29  
1189.80  
1190.18  
1190.80

1188.92  
1190.29  
1189.80  
1190.18  
1190.80

Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

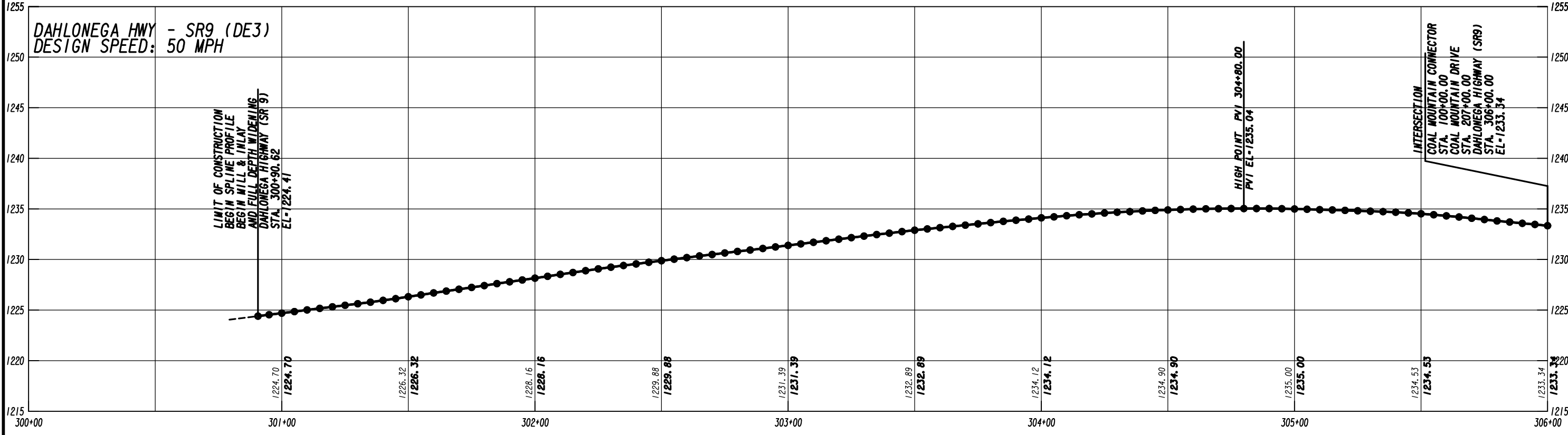
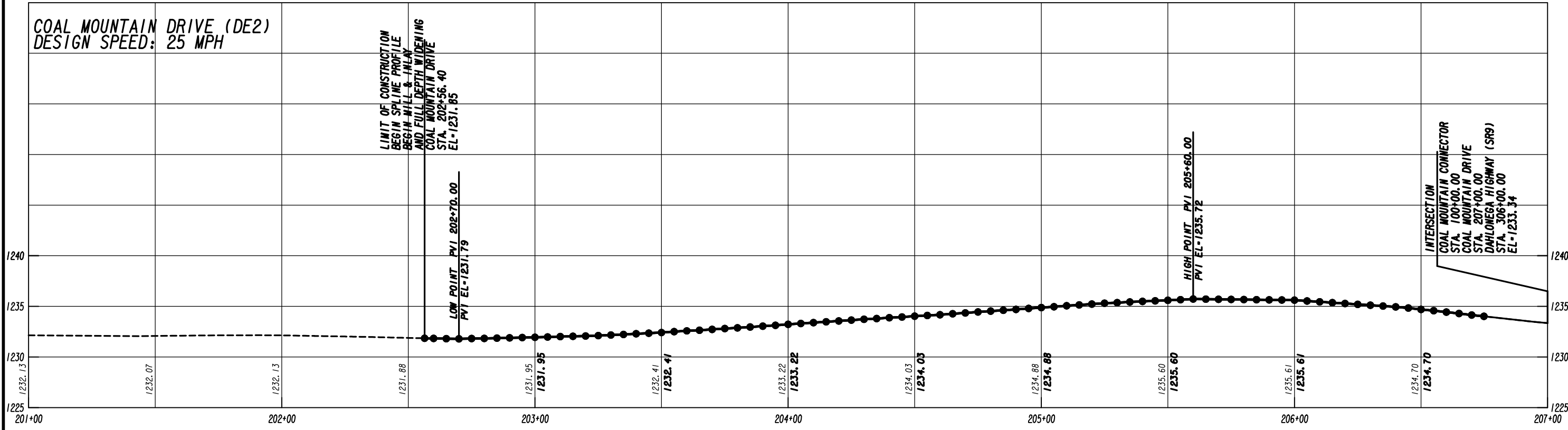
SCALE: 1" = 5' VERT.  
1" = 20' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

MAINLINE PROFILE  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	15-0005
CORRECTED:	DATE:	
VERIFIED:	DATE:	



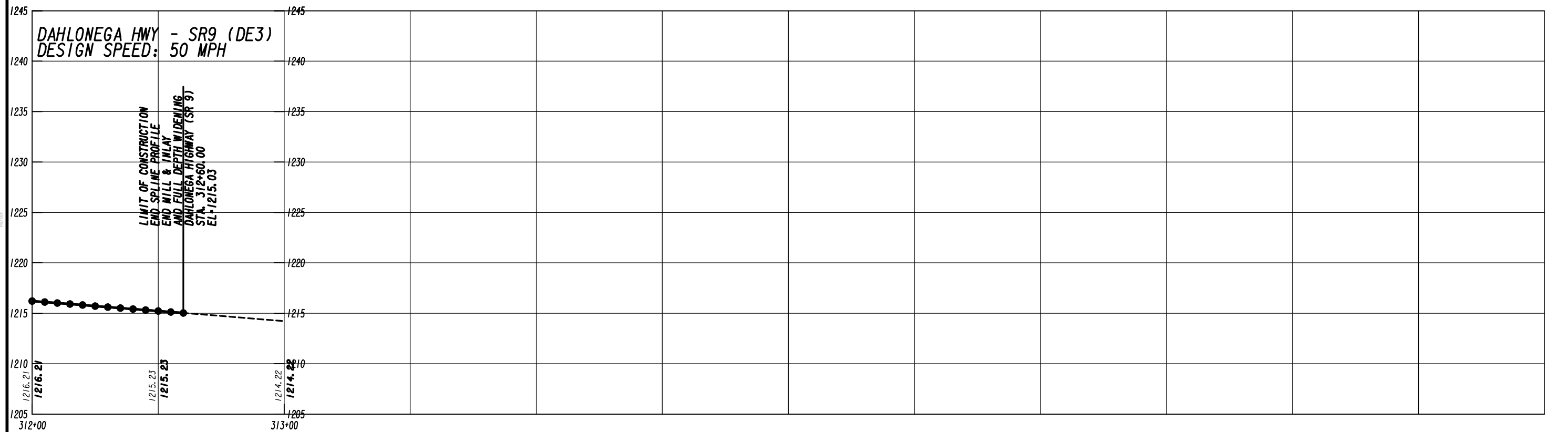
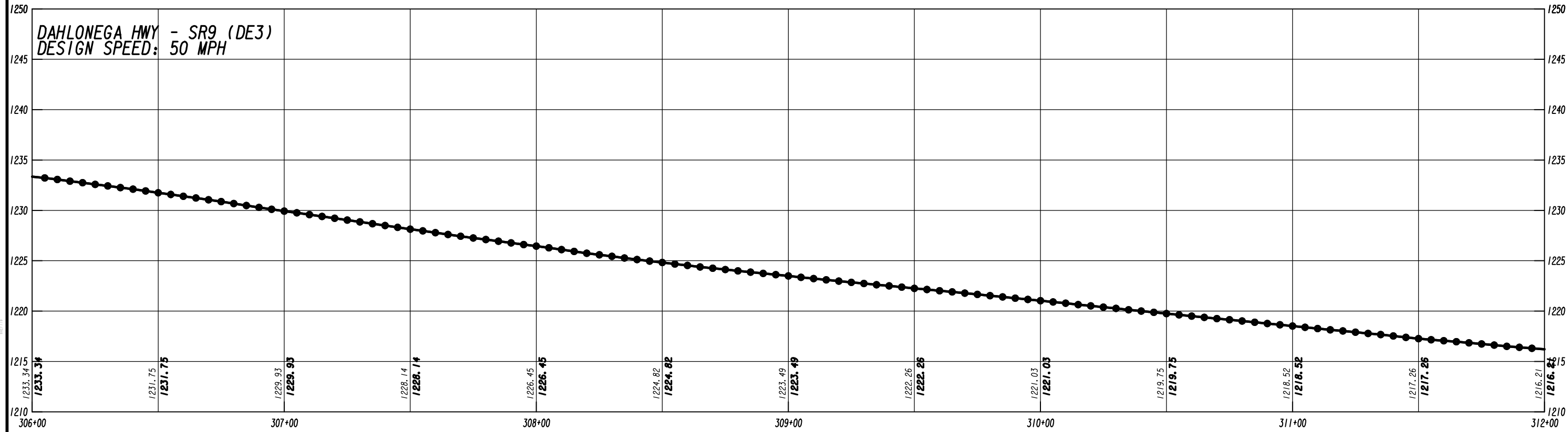
SCALE: 1" = 5' VERT.  
1" = 20' HORIZ.

REVISION DATES	

**CROSSROAD PROFILE**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	16-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	





SCALE: 1" = 5' VERT.  
1" = 20' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

CROSSROAD PROFILE  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	16-0002
CORRECTED:	DATE:	
VERIFIED:	DATE:	

DATE\*\*  
\$USER\*\*

TIME\*\*

\*PRF\*\*

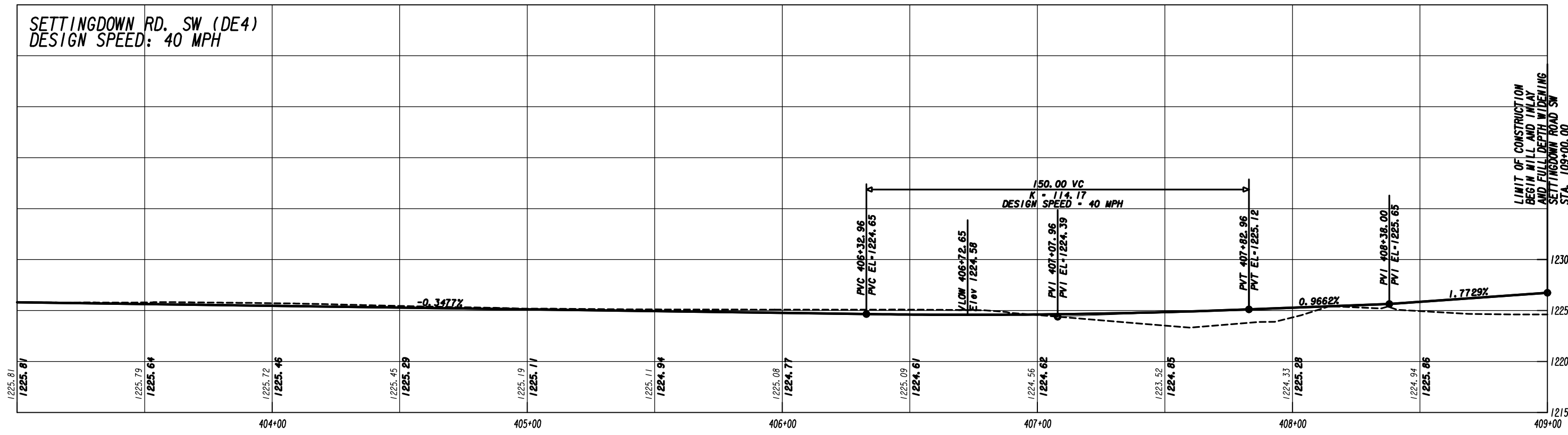
\*\*PENTABLE\*\*

#DGN\*

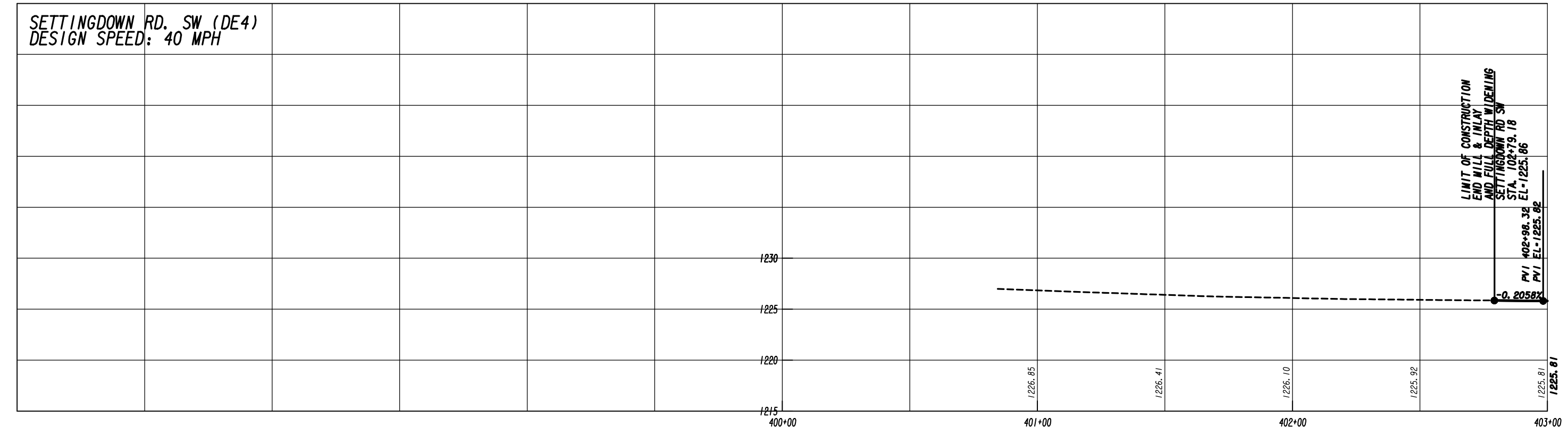
FORSYTH COUNTY

PROJECT NO.  
18-TP-022

SETTINGDOWN RD. SW (DE4)  
DESIGN SPEED: 40 MPH



SETTINGDOWN RD. SW (DE4)  
DESIGN SPEED: 40 MPH



Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 5' VERT.  
1" = 20' HORIZ.

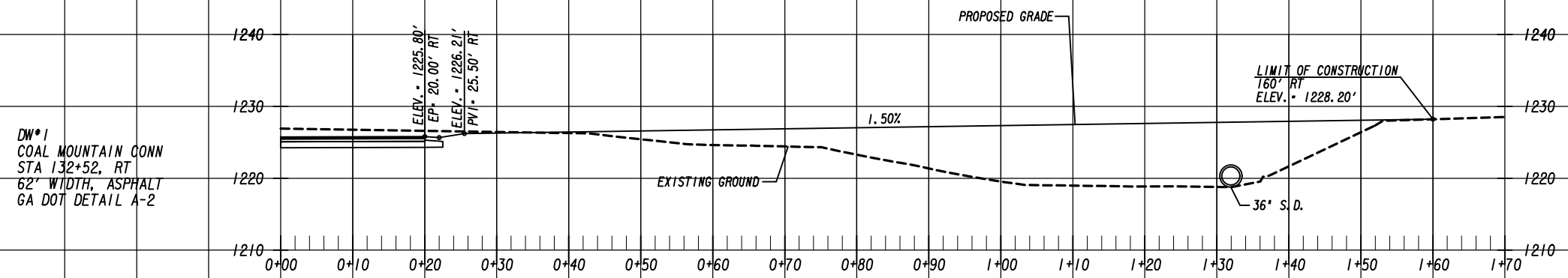
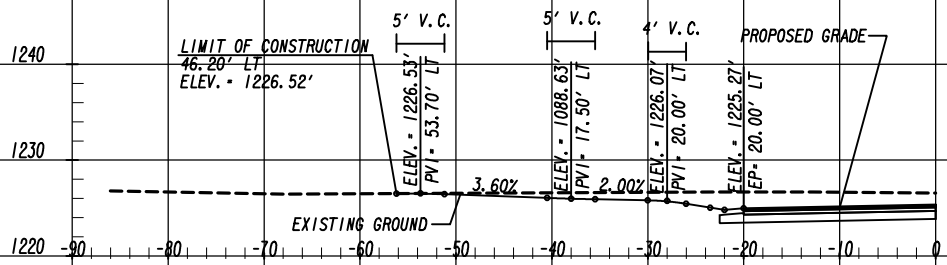
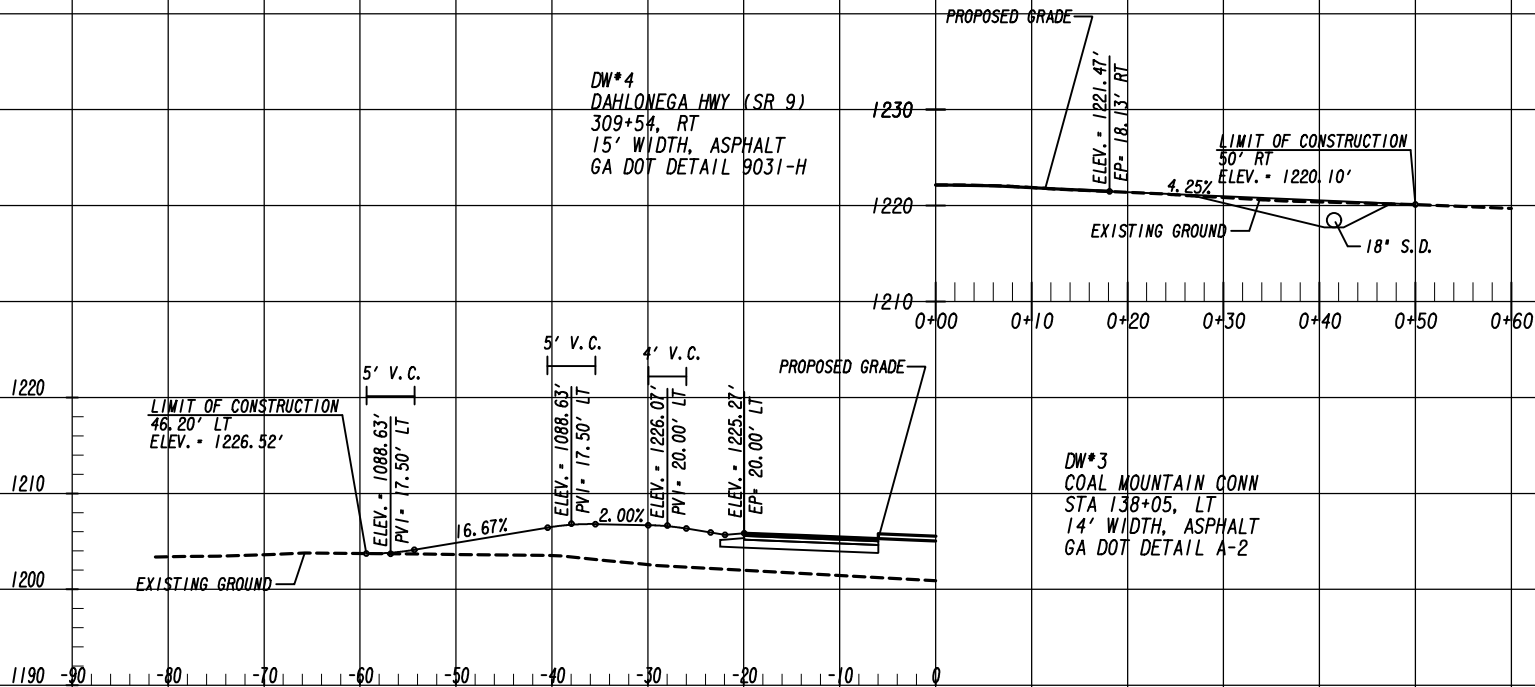
REVISION DATES

NO.	DATE	DESCRIPTION

CROSSROAD PROFILE  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	16-0003
CORRECTED:	DATE:	
VERIFIED:	DATE:	





REVISED  
DATE  
BY

REVISED  
DATE  
BY

Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

DRIVEWAY PROFILE  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

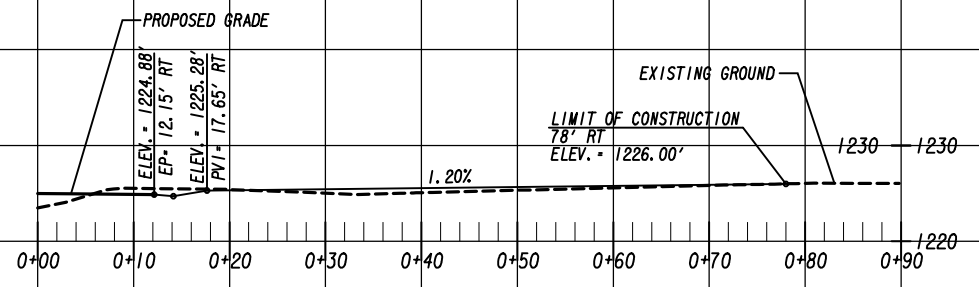
CHECKED:	DATE:
BACKCHECKED:	DATE:
CORRECTED:	DATE:
VERIFIED:	DATE:

DRAWING No.  
17-0001

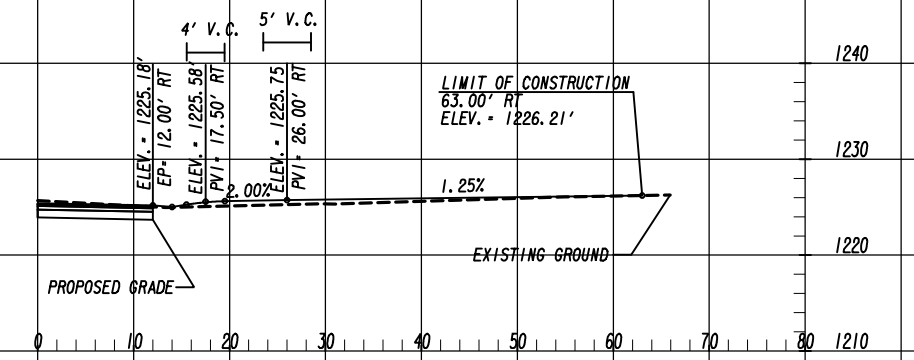
SECTION  
REVISION  
DATE

SECTION  
REVISION  
DATE

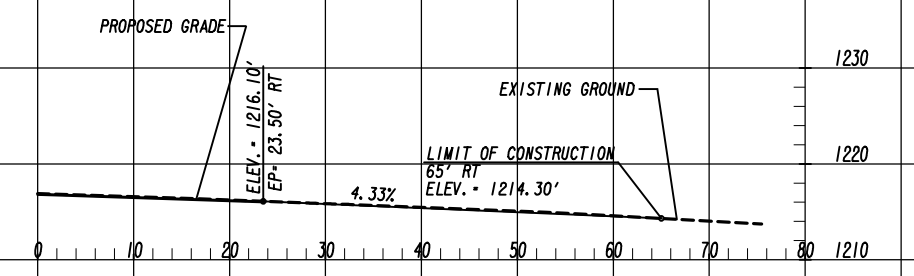
DW\*7  
SETTINGDOWN RD  
407+75, RT  
65' WIDTH, ASPHALT  
GA DOT DETAIL A-2



DW\*6  
SETTINGDOWN RD  
408+12, RT  
32' WIDTH, ASPHALT  
GA DOT DETAIL A-2



DW\*5  
DAHLONEGA HWY (SR 9)  
311+68, RT  
22' WIDTH, ASPHALT  
GA DOT DETAIL 9031-H



Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

DRIVEWAY PROFILE  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:
BACKCHECKED:	DATE:
CORRECTED:	DATE:
VERIFIED:	DATE:

DRAWING No.  
17-0002

DATE##  
USER##

TIME##

\*PRF##

\*\*PENTABLE##

#DGN#

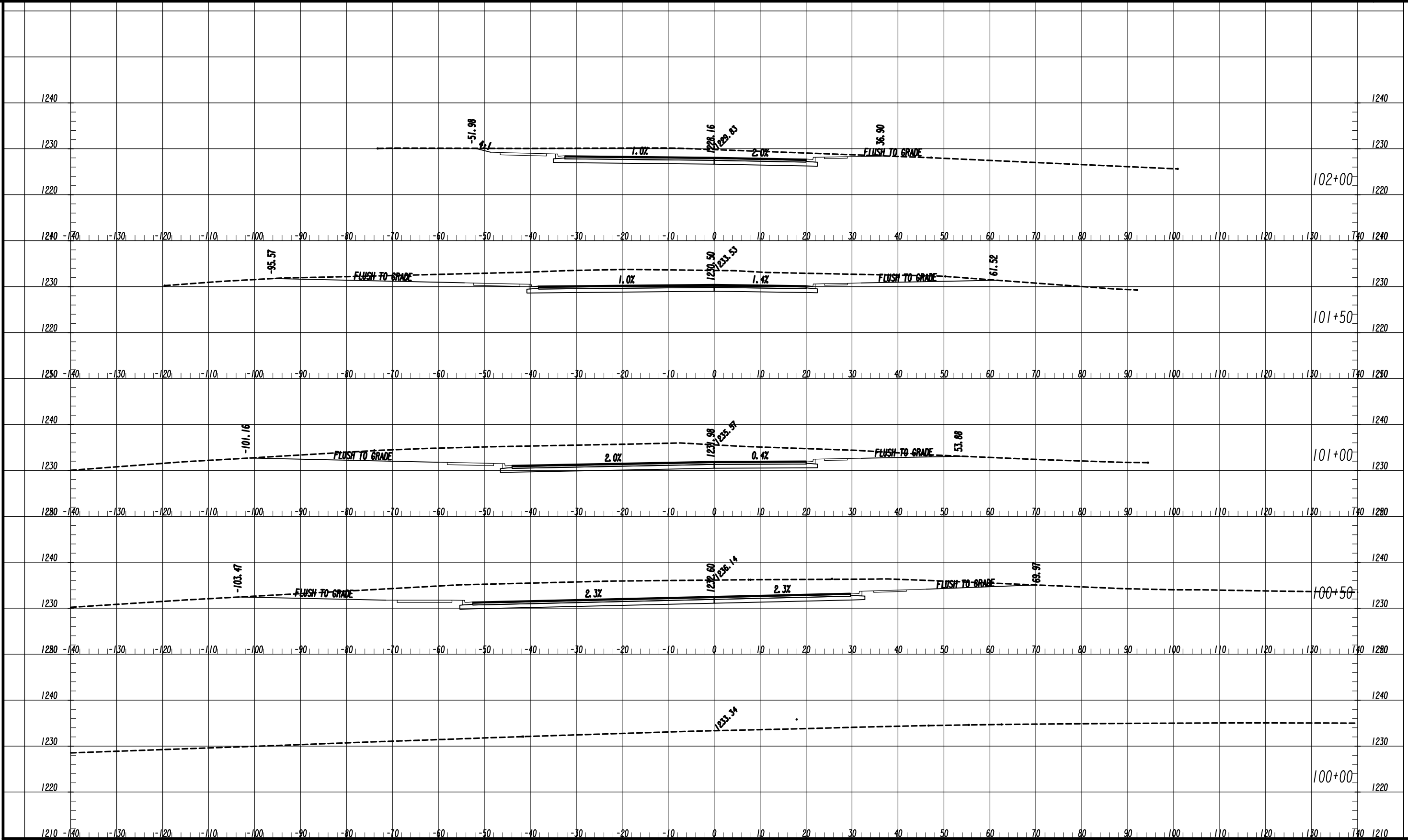
PROJECT NO.  
18-TP-022

REV 16  
REV 15  
REV 14  
REV 13  
REV 12  
REV 11

REV 10  
REV 9  
REV 8  
REV 7  
REV 6  
REV 5

7/31/2015

GPLM



Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

**EARTHWORK CROSS SECTIONS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	23-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	

DATE\*\*  
\$USER\*\*

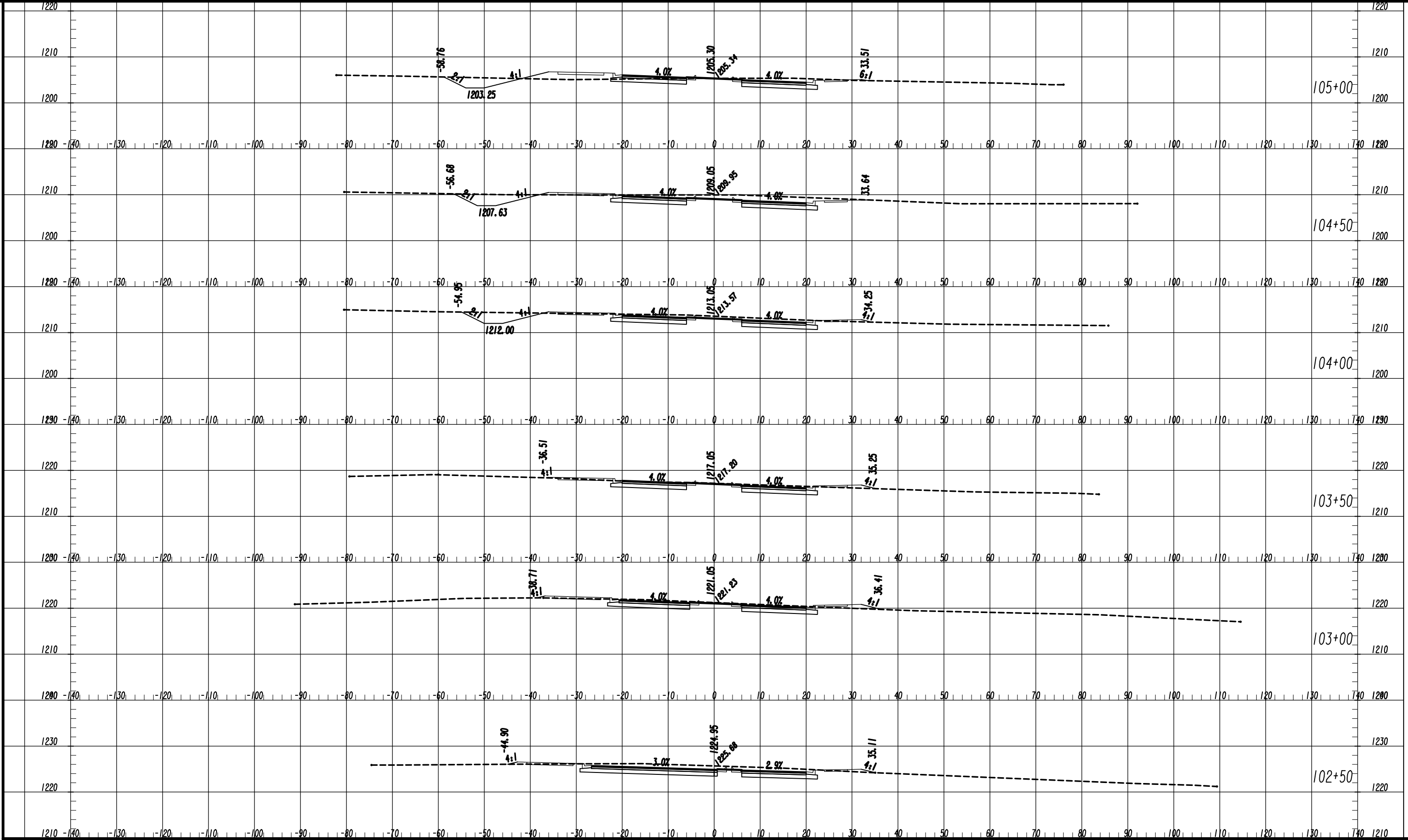
TIME\*\*

\*PRF\*\*

\*\*PENTABLE\*\*

#DGN\*

PROJECT NO.  
18-TP-022



7/31/2015  
GPLM

Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

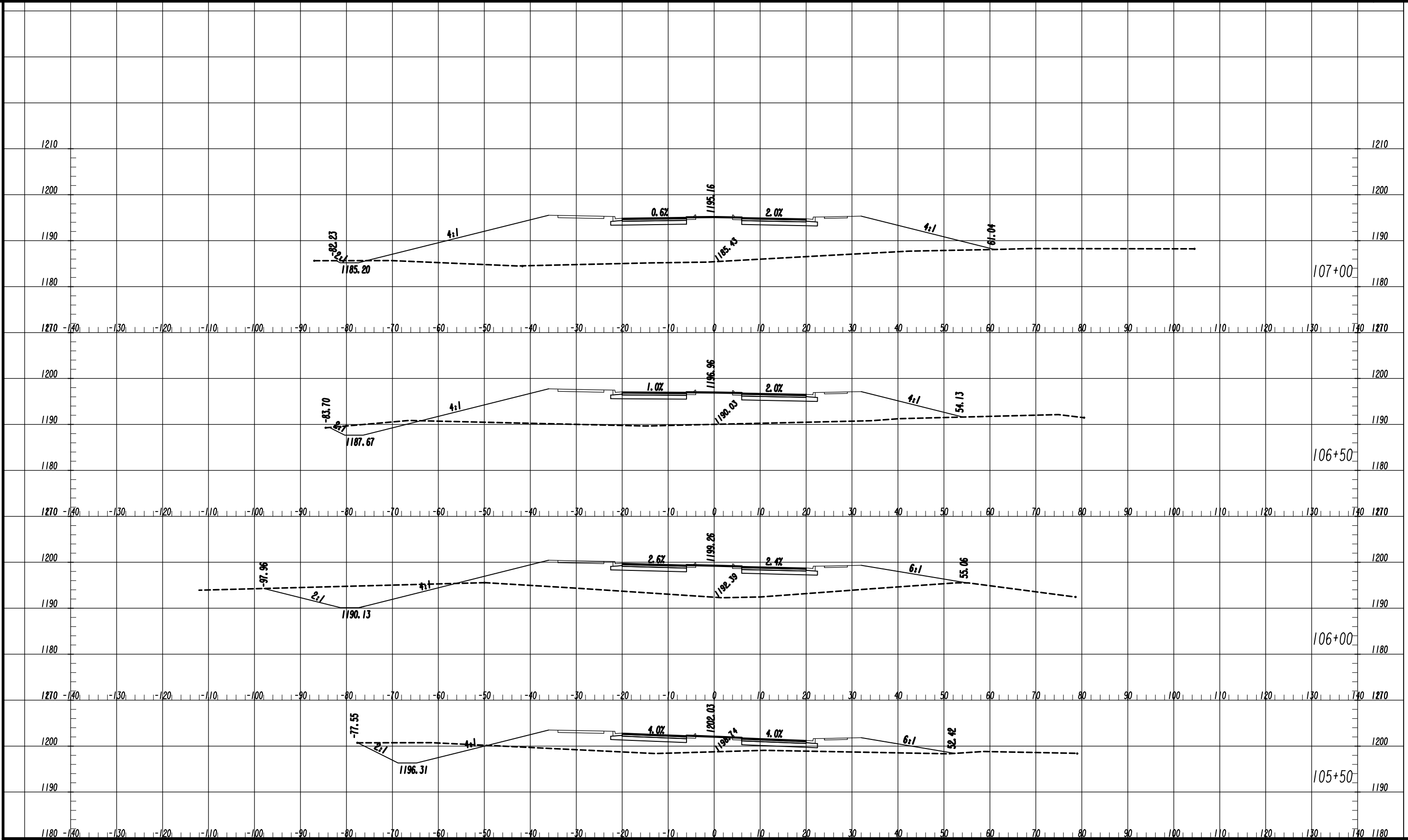
SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0002
CORRECTED:		DATE:		
VERIFIED:		DATE:		

SECTION  
SECTION  
SECTION  
SECTION



SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.  
**23-0003**



DATE\*\*  
USER\*\*

TIME\*\*

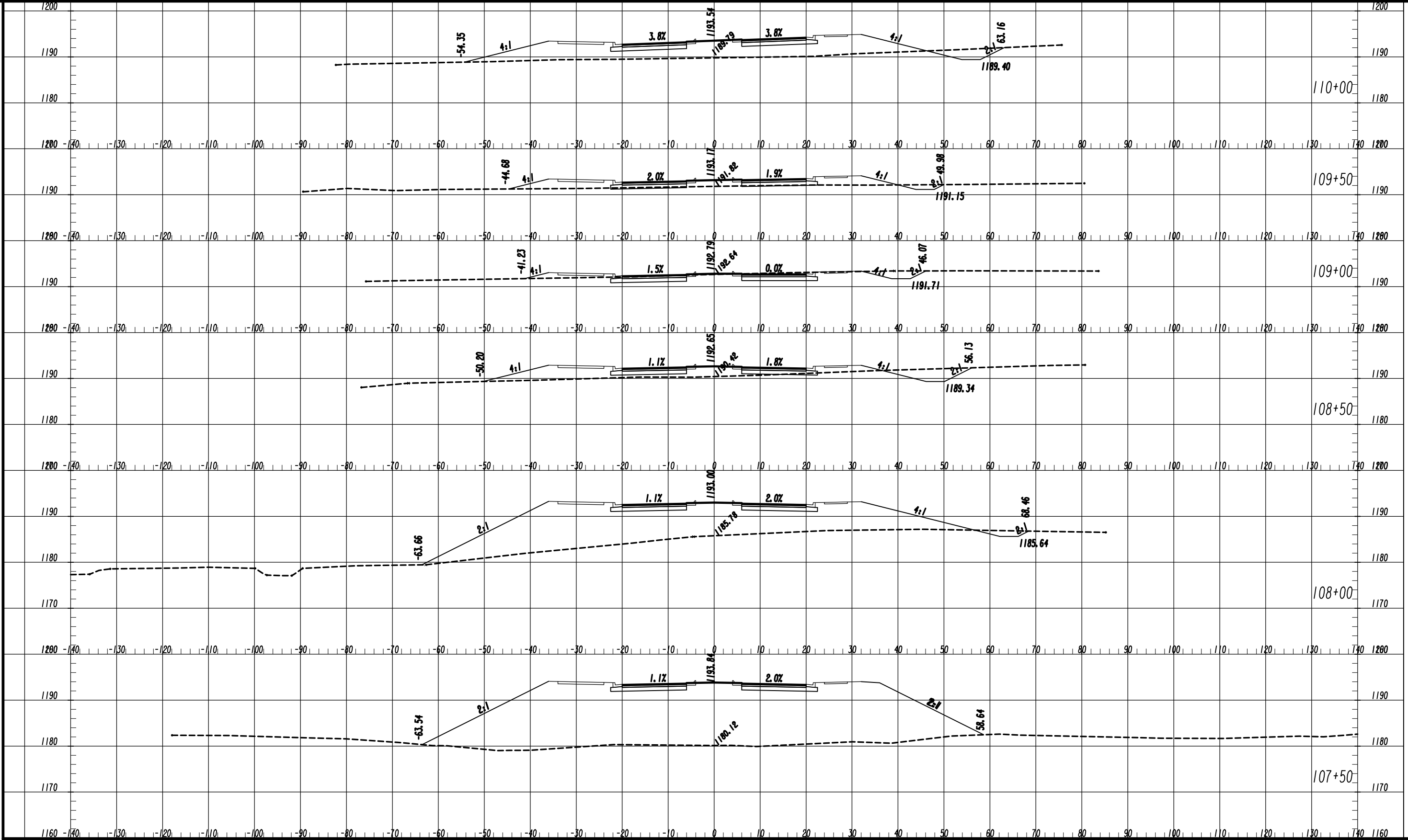
\*PRF\*\*

\*\*PENTABLE\*\*

#DGN\*



PROJECT NO.  
18-TP-022



REV 10  
REV 09  
REV 08  
REV 07  
REV 06  
REV 05

REV 04  
REV 03  
REV 02  
REV 01

7/31/2015

GPM

Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

### EARTHWORK CROSS SECTIONS

COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:
BACKCHECKED:	DATE:
CORRECTED:	DATE:
VERIFIED:	DATE:

DRAWING No.  
**23-0004**

DATE##  
USER##

TIME##

\*PRFB\*

\*\*PENTABLE\*\*

#DGN#

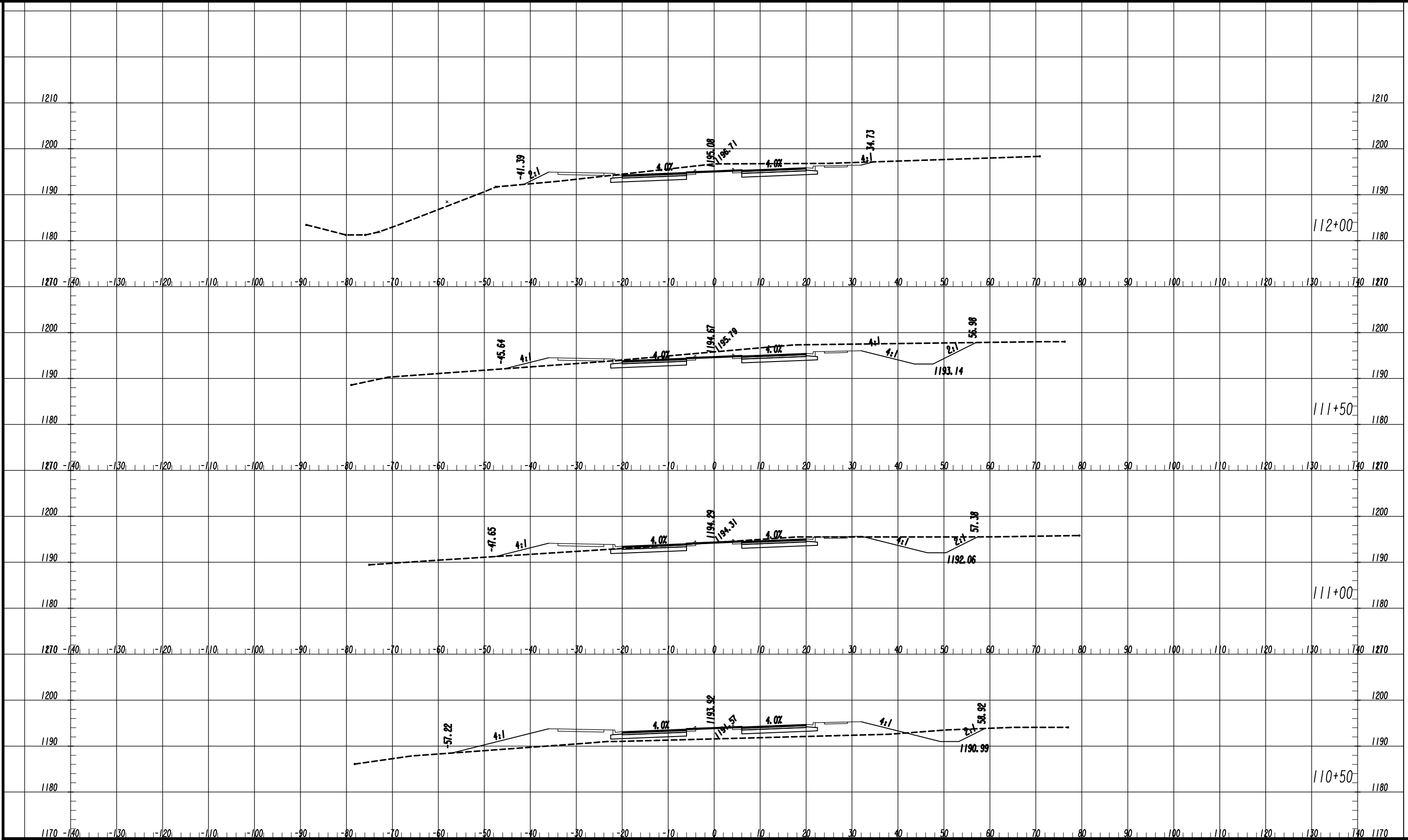


PROJECT NO.  
18-TP-022

REV 14  
REV 13  
REV 12  
REV 11

REV 10  
REV 9  
REV 8  
REV 7

7/31/2015  
GPLM



REV	DATE	DESCRIPTION

NO.	DATE	DESCRIPTION

Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	23-0005
CORRECTED:	DATE:	
VERIFIED:	DATE:	

DATE##  
USER##

TIME##

\*PRF##

\*\*PENTABLE##

#DGN#

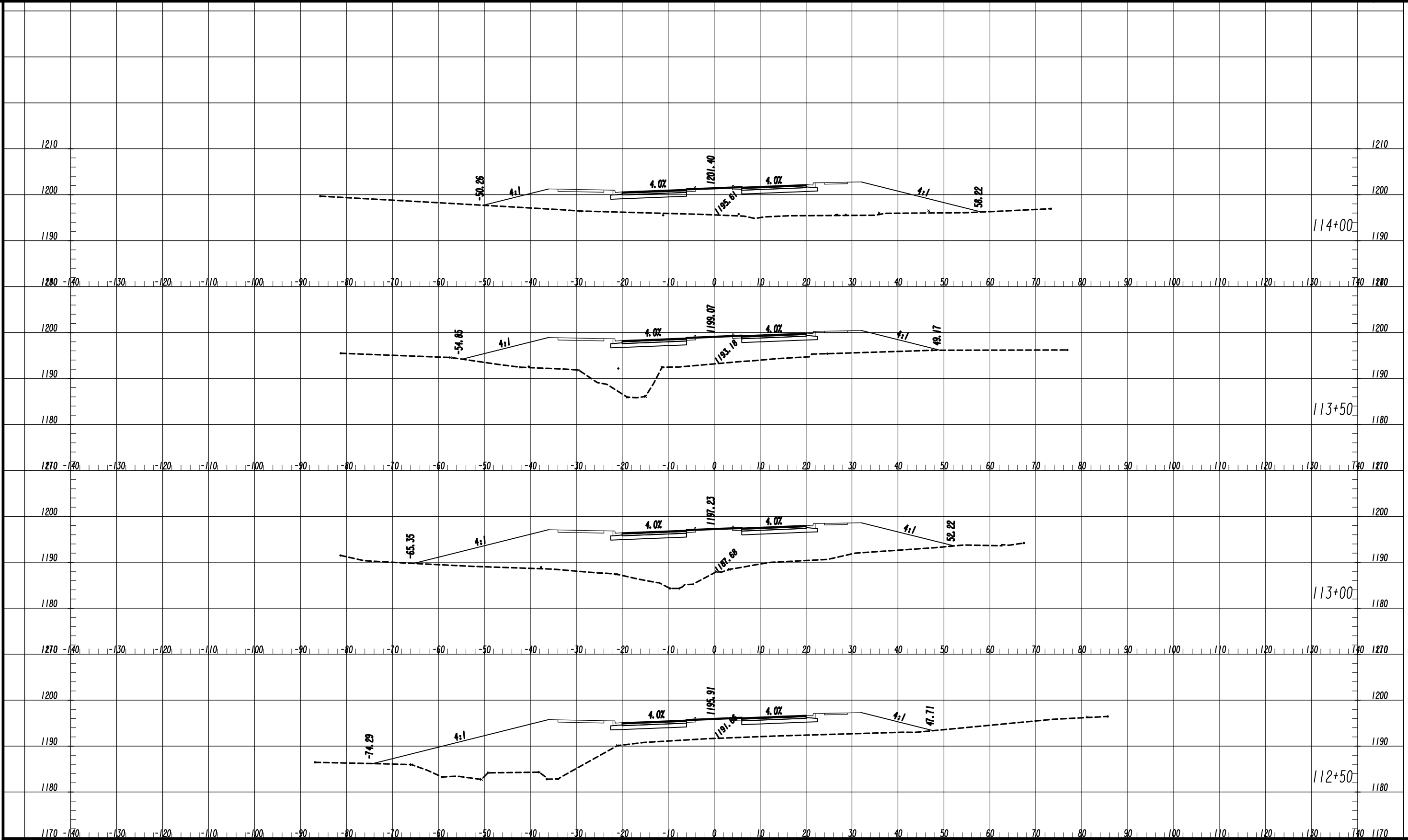
PROJECT NO.  
18-TP-022

SECTION  
114+00

SECTION  
113+50

SECTION  
113+00

SECTION  
112+50



7/31/2015

GPLM

Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

**EARTHWORK CROSS SECTIONS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:
BACKCHECKED:	DATE:
CORRECTED:	DATE:
VERIFIED:	DATE:

DRAWING No.  
**23-0006**

DATE##  
USER##

TIME##

PRF##

PENTABLE##

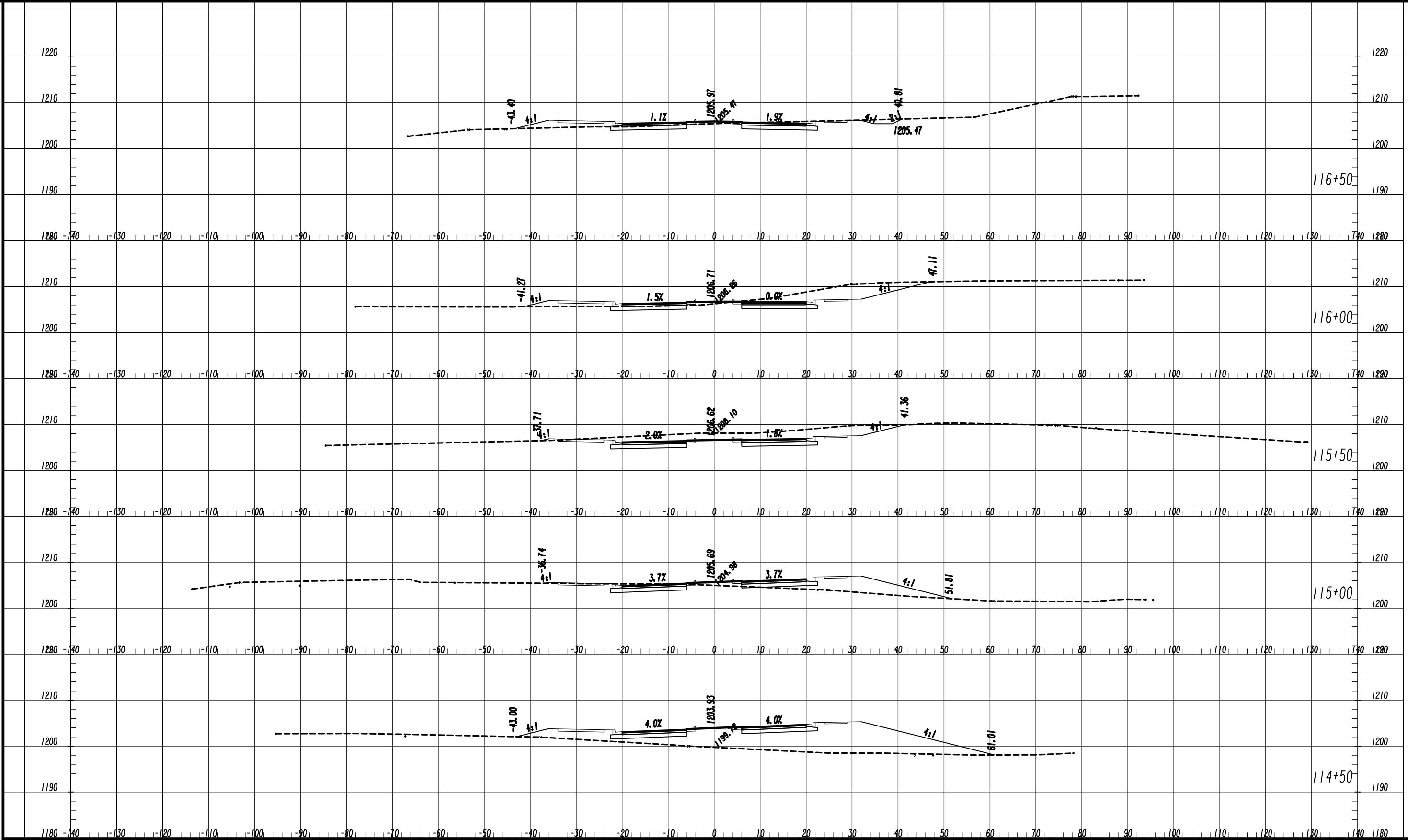
DGN##

PROJECT NO.  
18-TP-022

REV 16  
REV 15  
REV 14  
REV 13  
REV 12  
REV 11

REV 10  
REV 9  
REV 8  
REV 7  
REV 6  
REV 5

7/31/2015  
GPM



Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

**EARTHWORK CROSS SECTIONS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:
BACKCHECKED:	DATE:
CORRECTED:	DATE:
VERIFIED:	DATE:

DRAWING No.  
**23-0007**

DATE\*\*  
USER\*\*

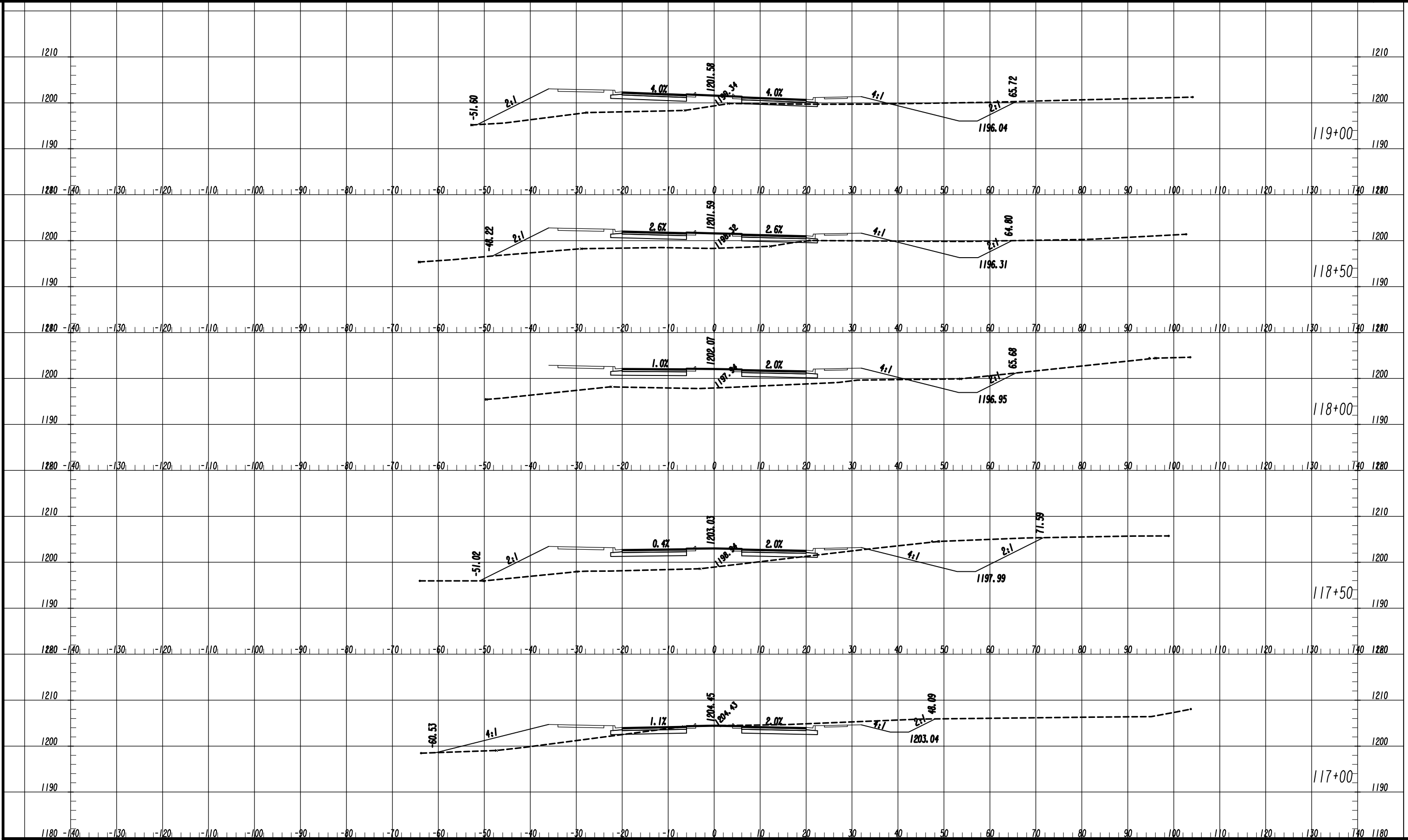
TIME\*\*

\*PRF\*\*  
\*\*PENTABLE\*\*

#DGN\*

PROJECT NO.  
18-TP-022

SECTION  
119+00  
118+50  
118+00  
117+50  
117+00



7/31/2015  
GPM

Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0008
CORRECTED:		DATE:		
VERIFIED:		DATE:		

DATE##  
USER##

TIME##

\*PRF##

\*\*PENTABLE##

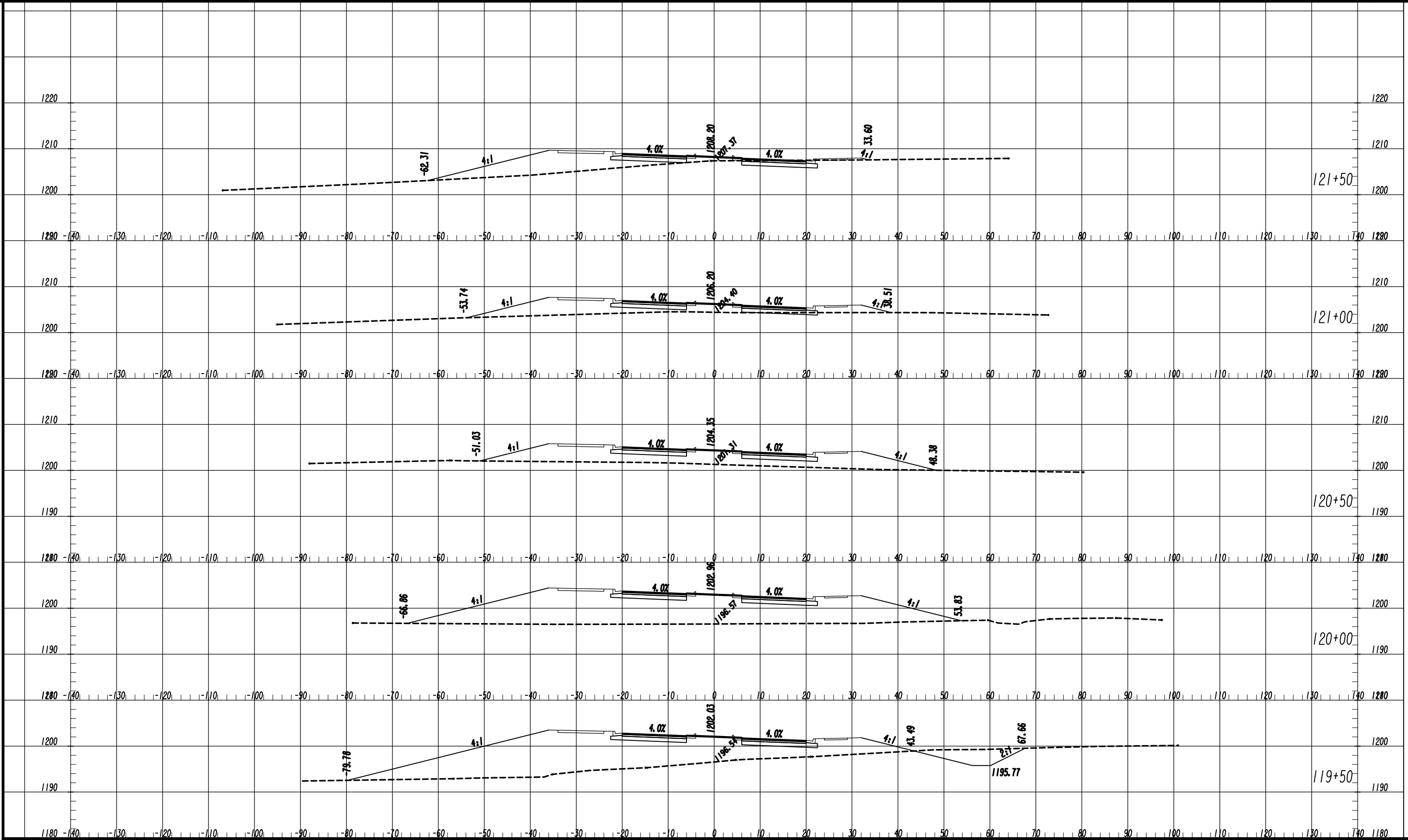
#DGN#

PROJECT NO.  
18-TP-022

REV 1/18  
REV 1/19  
REV 1/20  
REV 1/21

REV 1/18  
REV 1/19  
REV 1/20  
REV 1/21

7/31/2015  
GPLM



Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

**EARTHWORK CROSS SECTIONS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	23-0009
CORRECTED:	DATE:	
VERIFIED:	DATE:	

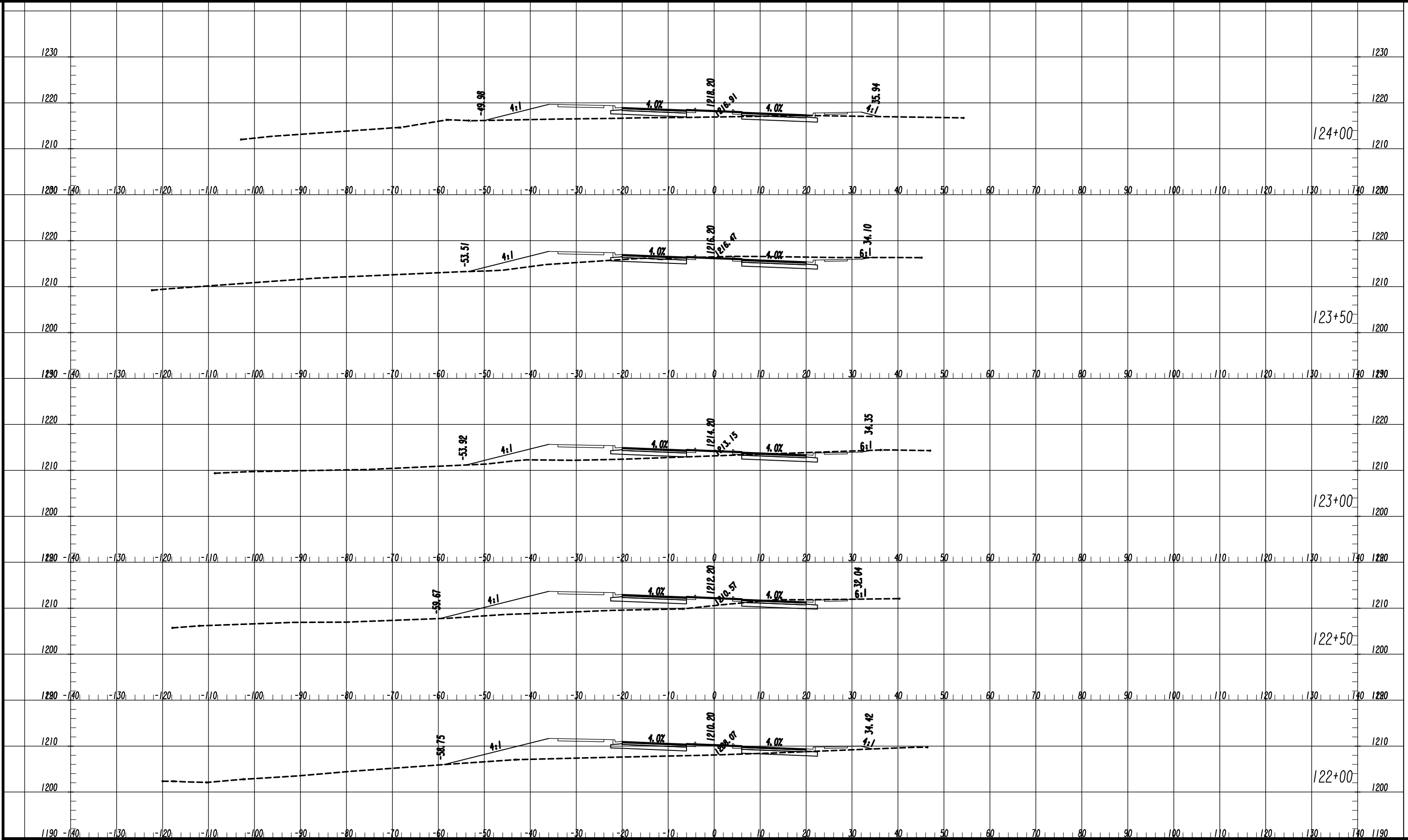
DATE##  
USER##

TIME##

\*PRF##  
\*\*PENTABLE##

#DGN#

PROJECT NO.  
18-TP-022



7/31/2015 GPM

Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

**EARTHWORK CROSS SECTIONS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:
BACKCHECKED:	DATE:
CORRECTED:	DATE:
VERIFIED:	DATE:

DRAWING No.  
**23-0010**

DATE\*\*  
\$USER\*\*

TIME\*\*

\*PRF\*\*

\*\*PENTABLE\*\*

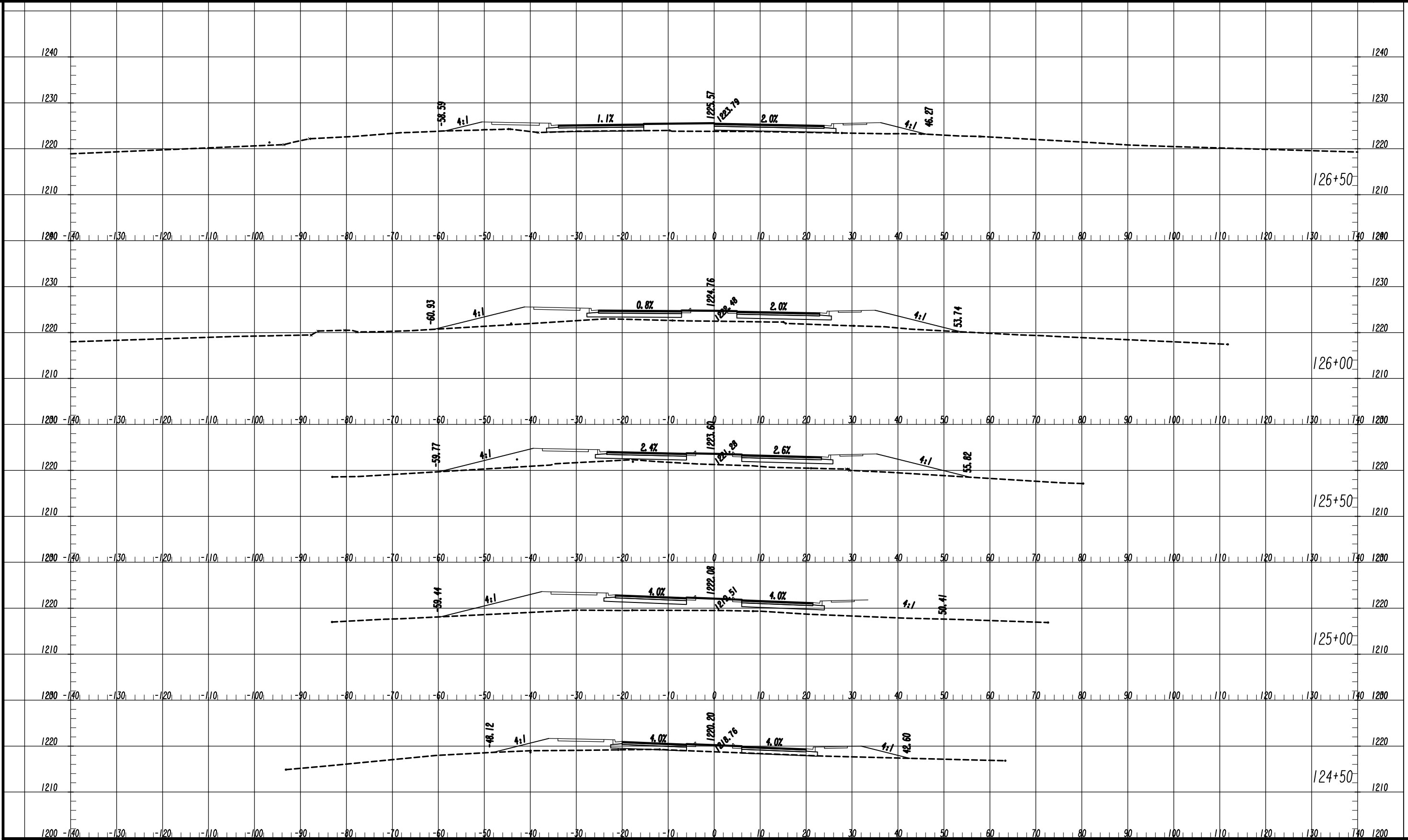
#DGN\*

PROJECT NO.  
18-TP-022

REF 1/4  
REF 1/4  
REF 1/4  
REF 1/4

REF 1/4  
REF 1/4  
REF 1/4  
REF 1/4

REF 1/4  
REF 1/4  
REF 1/4  
REF 1/4



REVISION DATES

NO.	DATE	DESCRIPTION

**EARTHWORK CROSS SECTIONS**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369



6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
 1" = 10' HORIZ.

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	23-0011
CORRECTED:	DATE:	
VERIFIED:	DATE:	



DATE\*\*  
USER\*\*

TIME\*\*

\*PRF\*\*

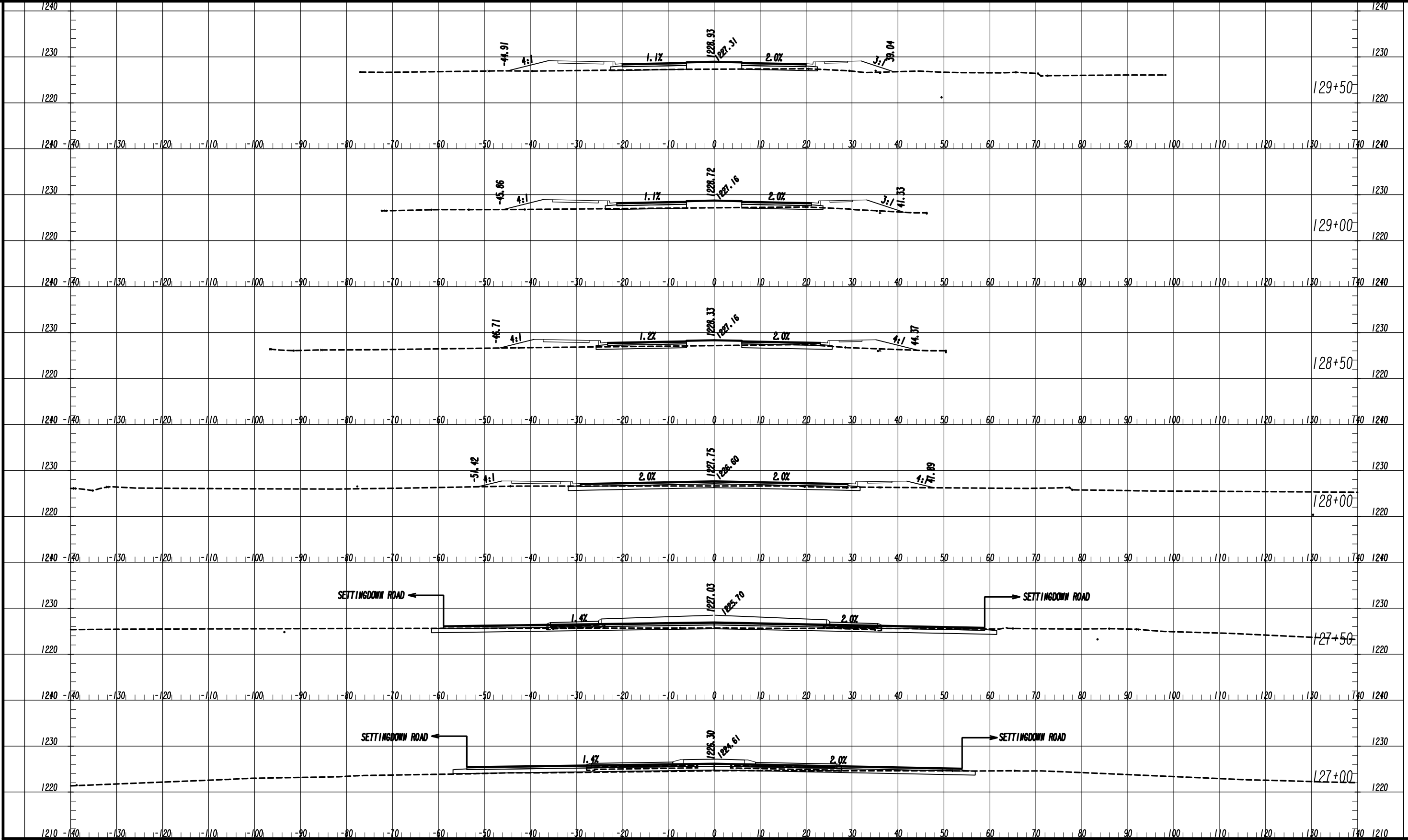
\*\*PENTABLE\*\*

#DGN\*

PROJECT NO.  
18-TP-022

129+50  
129+00  
128+50  
128+00  
127+50  
127+00

129+50  
129+00  
128+50  
128+00  
127+50  
127+00



7/31/2015  
GPM

Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	23-0012
CORRECTED:	DATE:	
VERIFIED:	DATE:	

DATE\*\*  
\$USER\*\*

TIME\*\*

\*PRF\*\*

\*\*PENTABLE\*\*

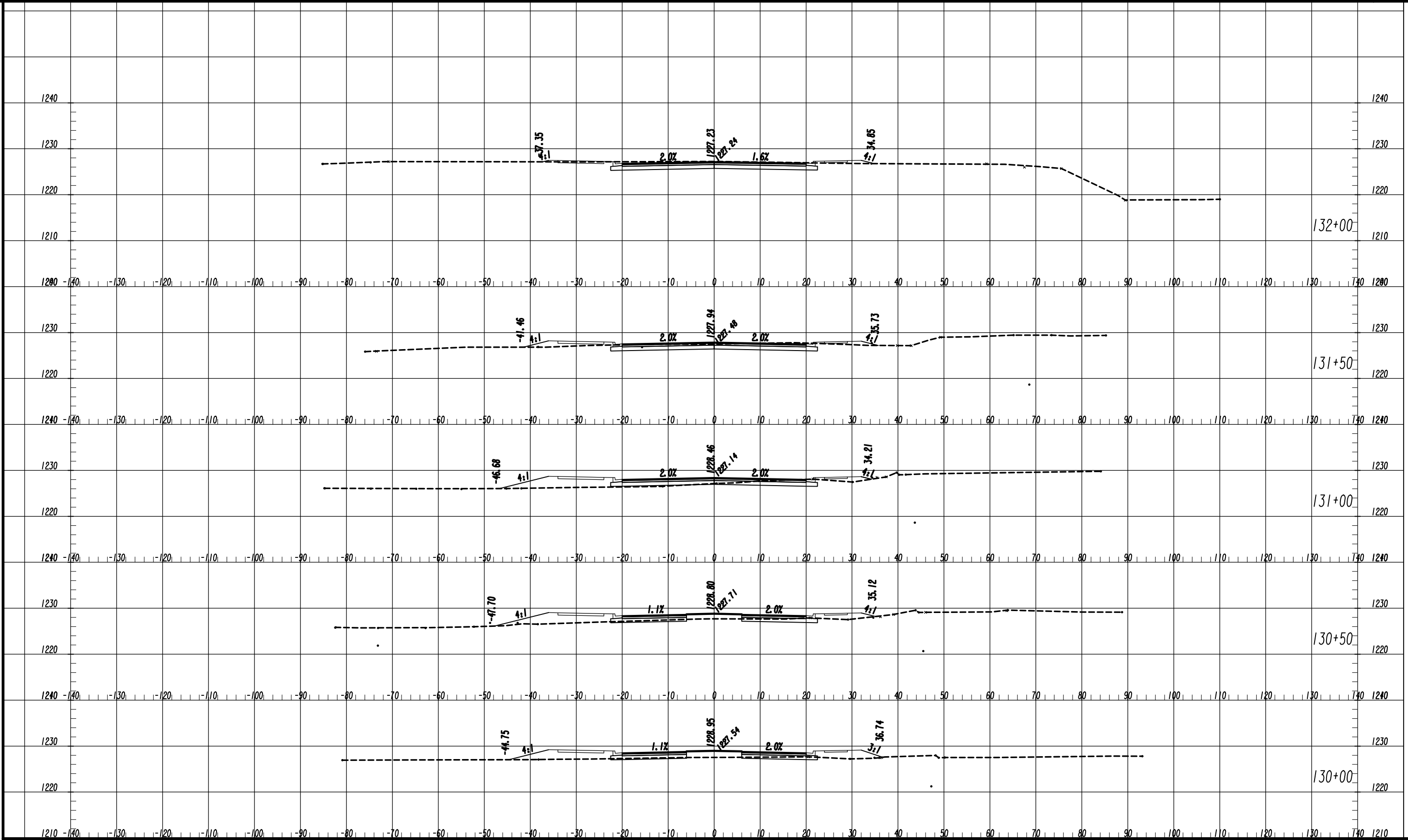
#DGN\*\*

PROJECT NO.  
18-TP-022

132+00  
132+10  
132+20  
132+30  
132+40  
132+50

131+00  
131+10  
131+20  
131+30  
131+40  
131+50

130+00  
130+10  
130+20  
130+30  
130+40  
130+50



Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

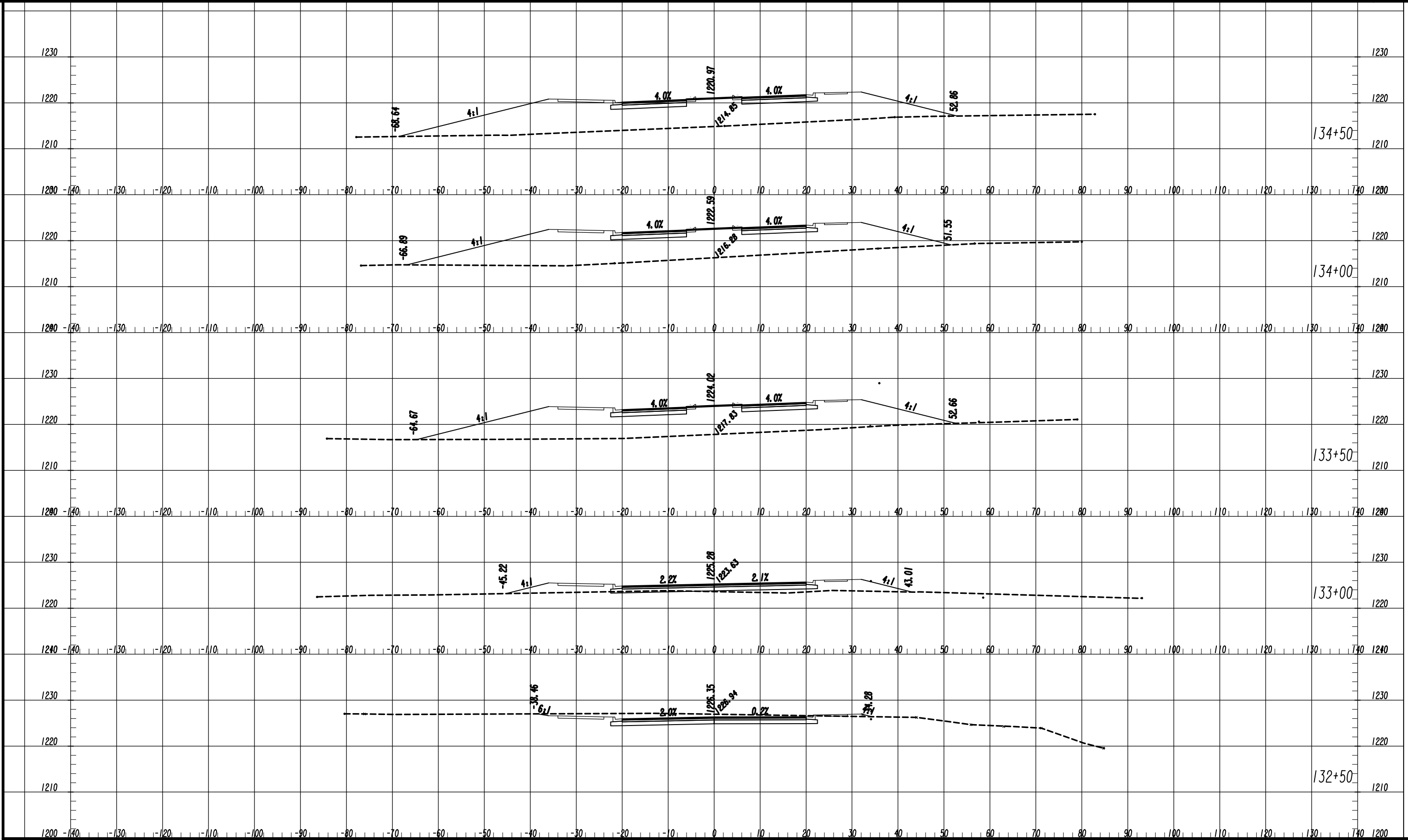
**EARTHWORK CROSS SECTIONS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0013
CORRECTED:		DATE:		
VERIFIED:		DATE:		

SECTION  
134+50

SECTION  
133+00

SECTION  
132+50



Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	23-0014
CORRECTED:	DATE:	
VERIFIED:	DATE:	

DATE\*\*  
USER\*\*

TIME\*\*

\*PRF\*\*

\*\*PENTABLE\*\*

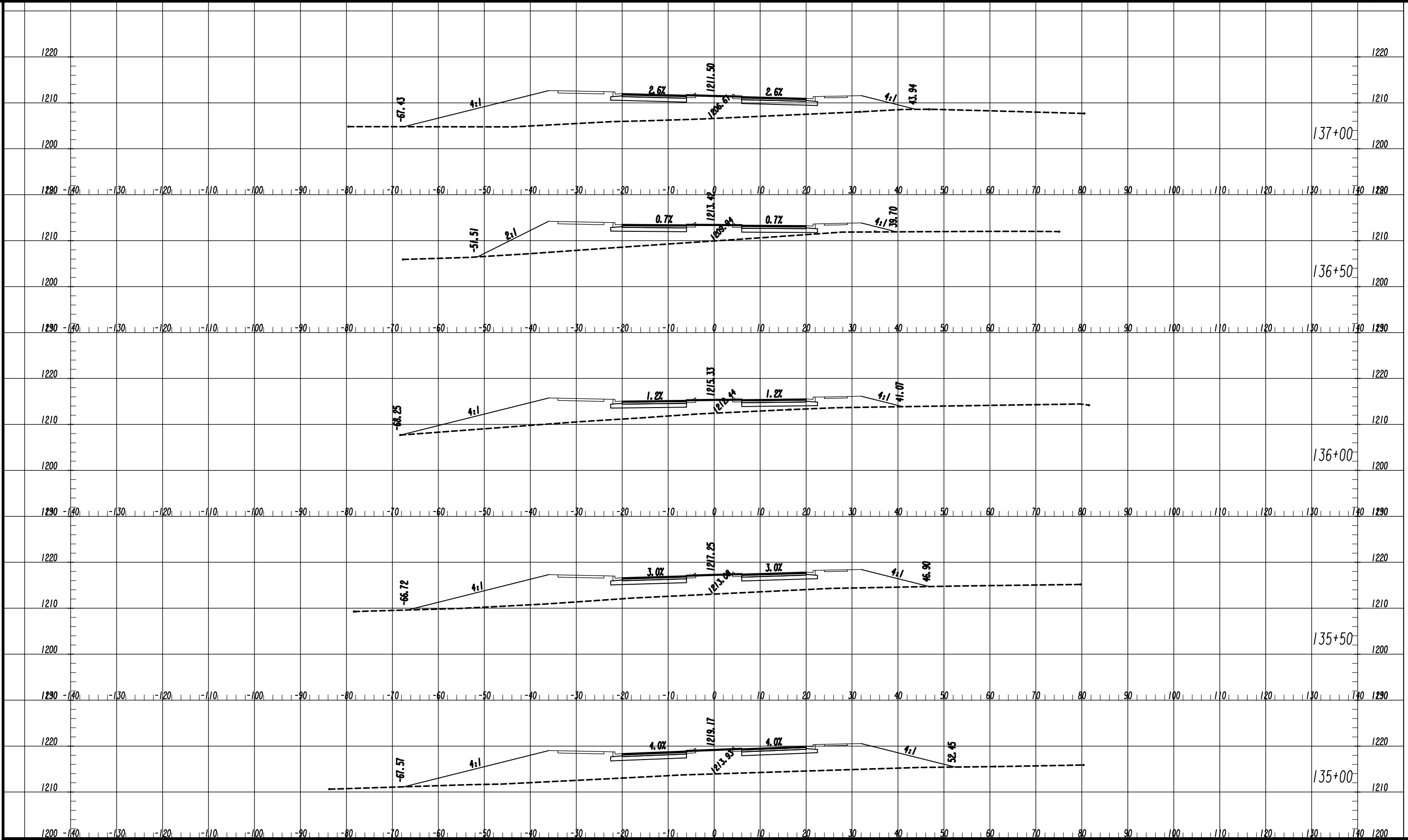
#DGN\*

PROJECT NO.  
18-TP-022

REF TO  
REF TO  
REF TO  
REF TO

REF TO  
REF TO  
REF TO  
REF TO

7/31/2015  
GPLM  
REF TO  
REF TO  
REF TO  
REF TO



Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

**EARTHWORK CROSS SECTIONS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	23-0015
CORRECTED:	DATE:	
VERIFIED:	DATE:	

DATE\*\*  
USER\*\*

TIME\*\*

\*PRF\*\*

\*\*PENTABLE\*\*

#DGN\*

PROJECT NO.  
18-TP-022

1210

1200

1190

1280 -140

1210

1200

1190

1280 -140

1210

1200

1190

1280 -140

1210

1200

1190

1210

1200

1190 -140

1210

1200

1190

1280

1210

1200

1190

1280

1210

1200

1190

1280

1210

1200

1190

1210

1200

1190

139+50

139+00

138+50

138+00

137+50

-60.78

4:1

4.0%

1201.91

4.0%

4:1

57.99

1195.19

-61.33

4:1

4.0%

1203.82

4.0%

4:1

58.47

1197.56

-58.42

4:1

4.0%

1205.74

4.0%

4:1

58.45

1199.75

-59.40

4:1

4.0%

1207.66

4.0%

4:1

56.66

1200.85

-65.19

4:1

4.0%

1209.58

4.0%

4:1

53.72

1203.11

REV 1/16

REV 1/16

REV 1/16

REV 1/16

REV 1/16

REV 1/16

REV 1/16

REV 1/16

REV 1/16

REV 1/16

Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

**EARTHWORK CROSS SECTIONS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

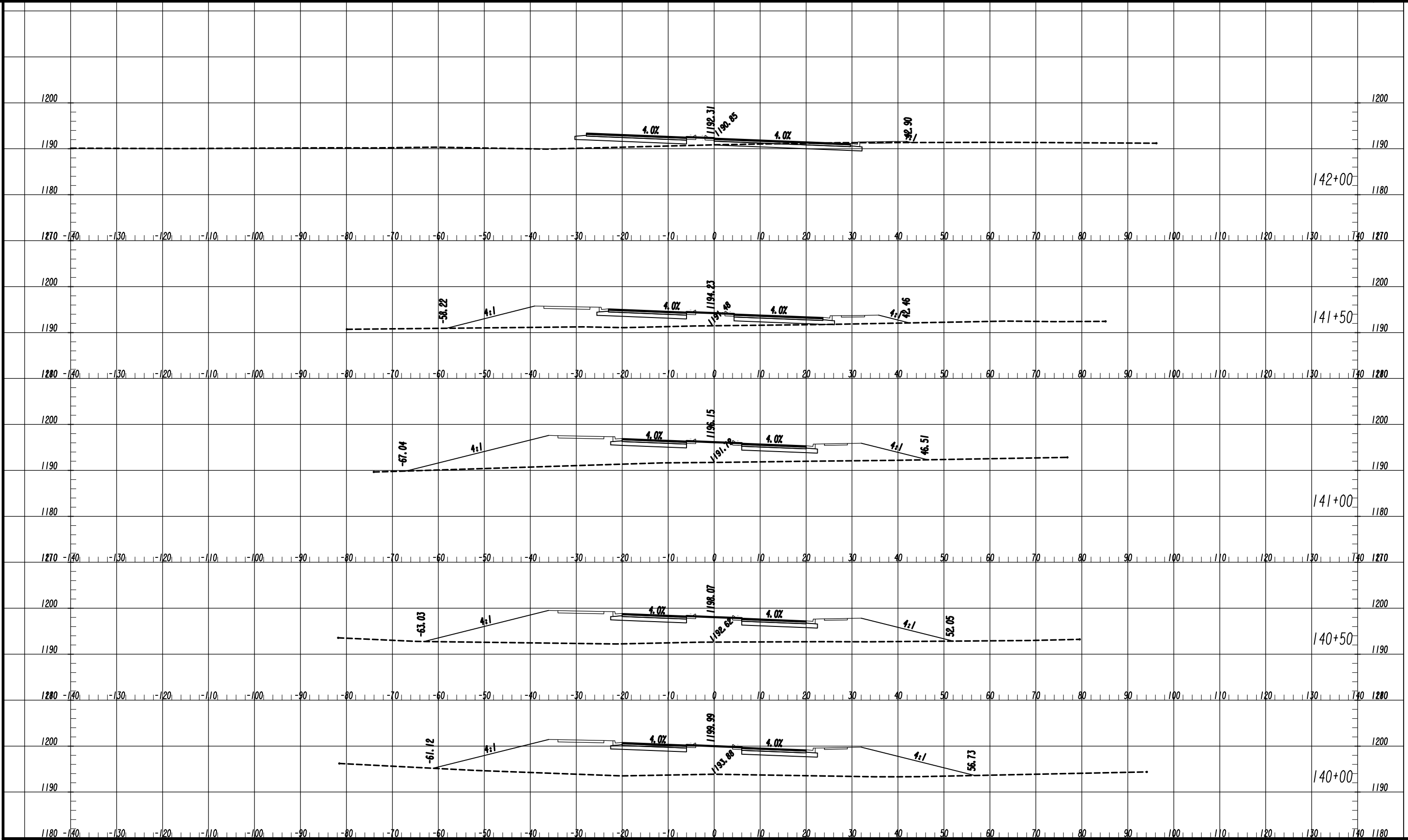
CHECKED:	DATE:
BACKCHECKED:	DATE:
CORRECTED:	DATE:
VERIFIED:	DATE:

DRAWING No.  
**23-0016**

REV 1/16  
REV 1/14  
REV 1/13  
REV 1/11

REV 1/16  
REV 1/14  
REV 1/13  
REV 1/11

7/31/2015  
GPLM



Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0017
CORRECTED:		DATE:		
VERIFIED:		DATE:		

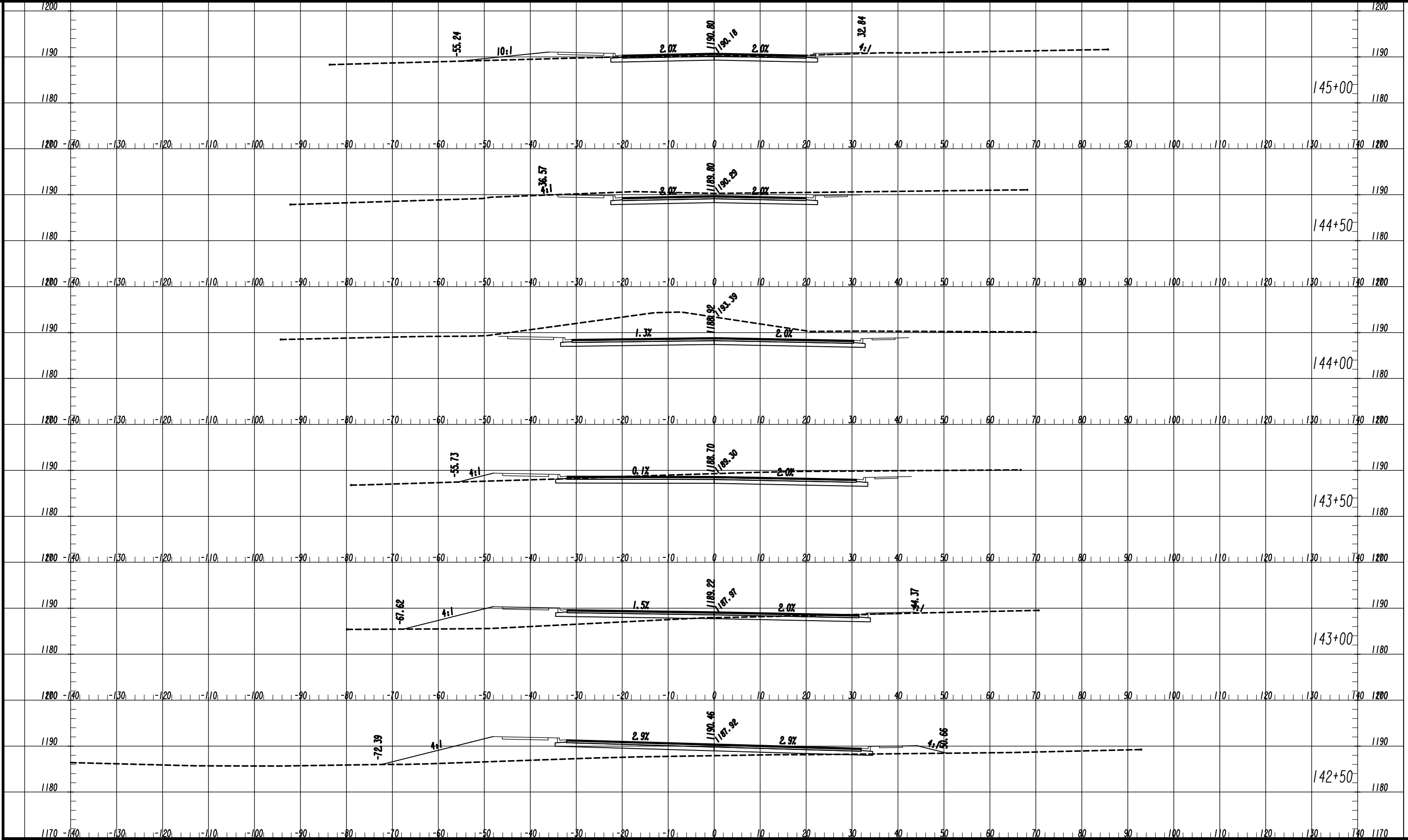
DATE\*\*  
USER\*\*

TIME\*\*

\*PRF\*\*  
\*\*PENTABLE\*\*

#DGN\*

PROJECT NO.  
18-TP-022



7/31/2015 GPM

Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0018
CORRECTED:		DATE:		
VERIFIED:		DATE:		

DATE\*\*  
\$USER\*\*

TIME\*\*

\*PRF\*\*

\*\*PENTABLE\*\*

#DGN\*\*

FORSYTH COUNTY

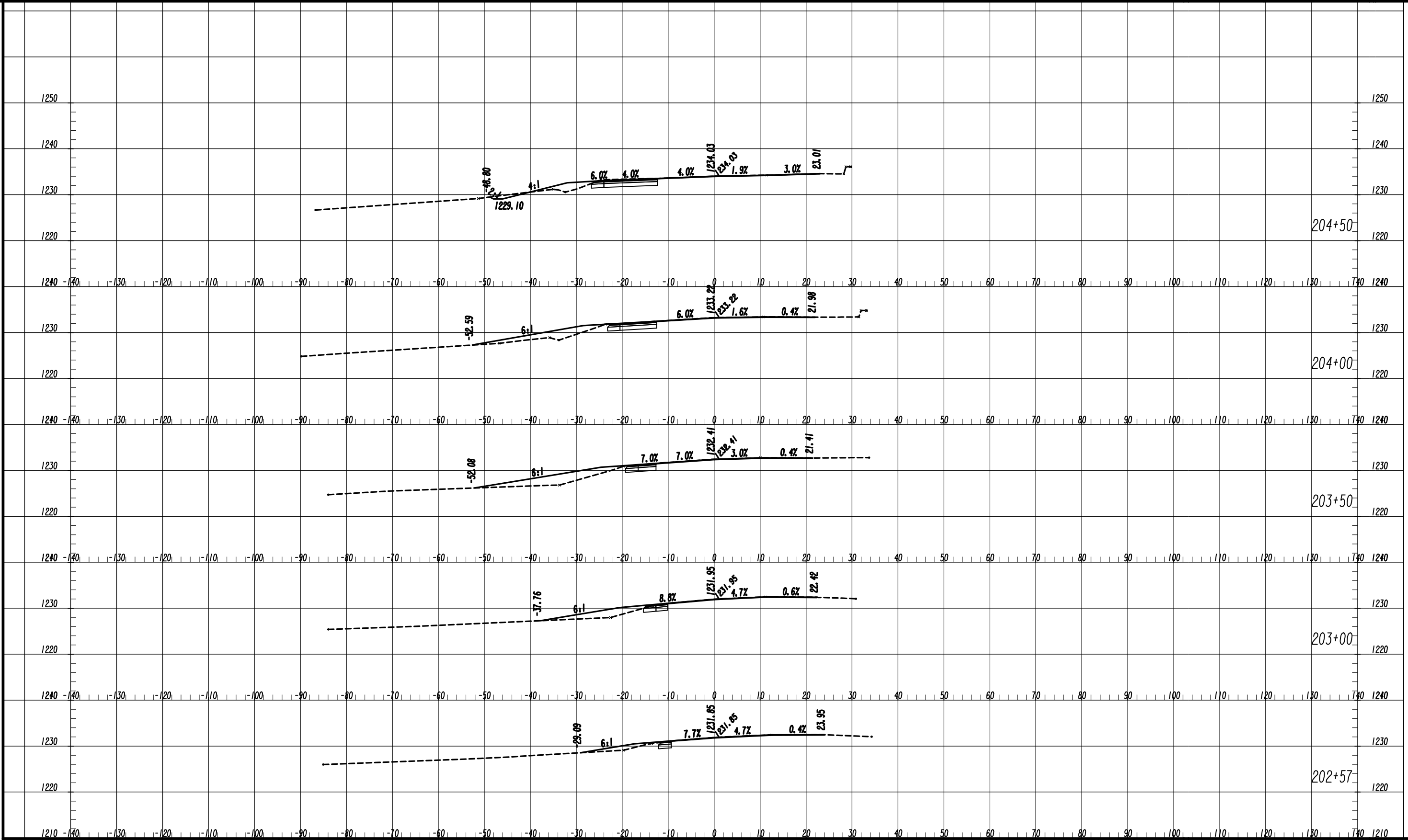
PROJECT NO.  
18-TP-022

REV 14  
REV 13  
REV 12  
REV 11

REV 04  
REV 03  
REV 02  
REV 01

7/31/2015

GPLM



Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

**EARTHWORK CROSS SECTIONS**  
COAL MOUNTAIN DRIVE

CHECKED:	DATE:
BACKCHECKED:	DATE:
CORRECTED:	DATE:
VERIFIED:	DATE:

DRAWING No.  
**23-0019**



DATE\*\*  
\$USER\*\*

TIME\*\*

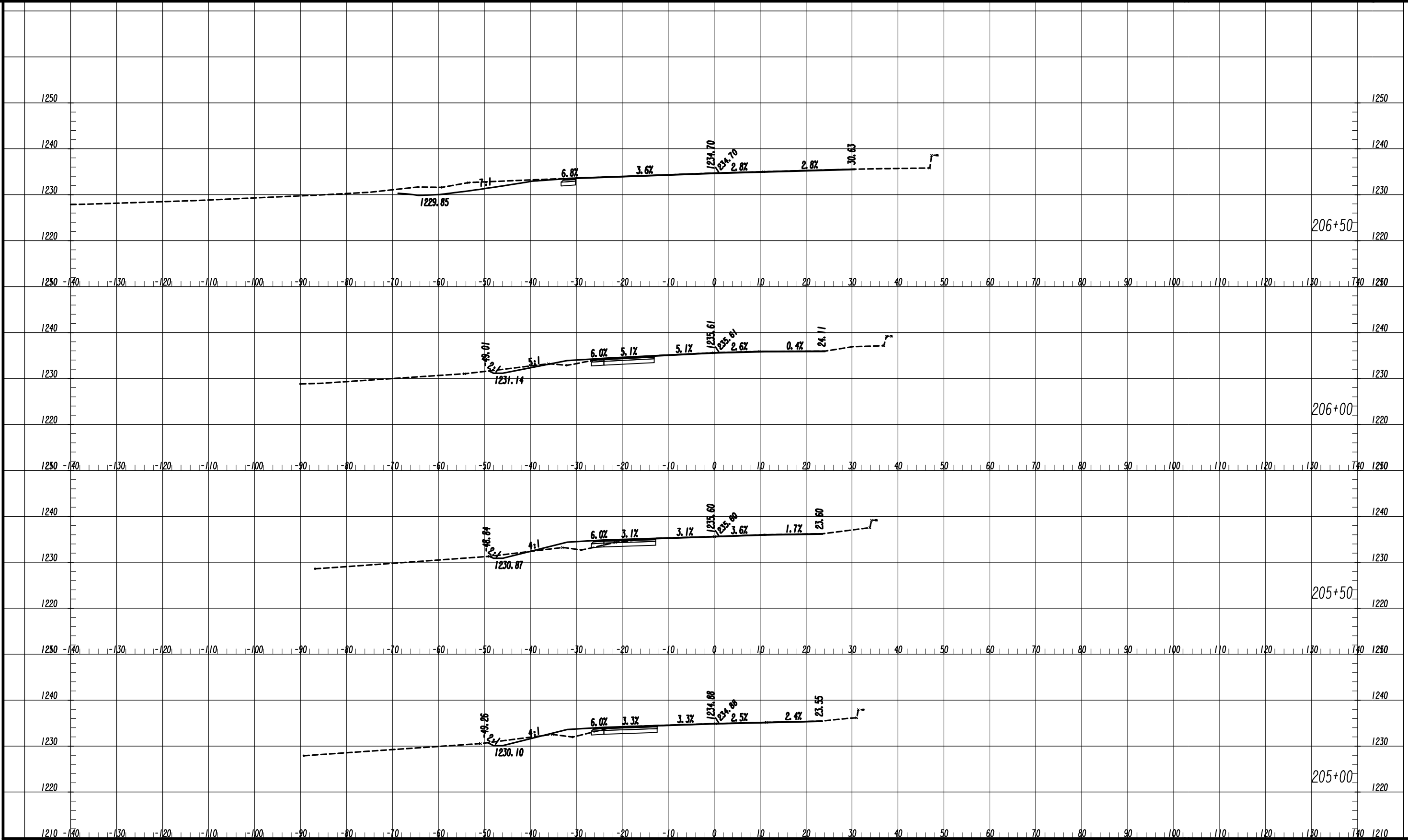
\*PRF\*\*

\*\*PENTABLE\*\*

#DGN\*

FORSYTH COUNTY

PROJECT NO.  
18-TP-022



7/31/2015

GPLM

Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

**EARTHWORK CROSS SECTIONS**  
COAL MOUNTAIN DRIVE

CHECKED:	DATE:
BACKCHECKED:	DATE:
CORRECTED:	DATE:
VERIFIED:	DATE:

DRAWING No.  
**23-0020**

DATE\*\*  
USER\*\*

TIME\*\*

\*PRF\*\*

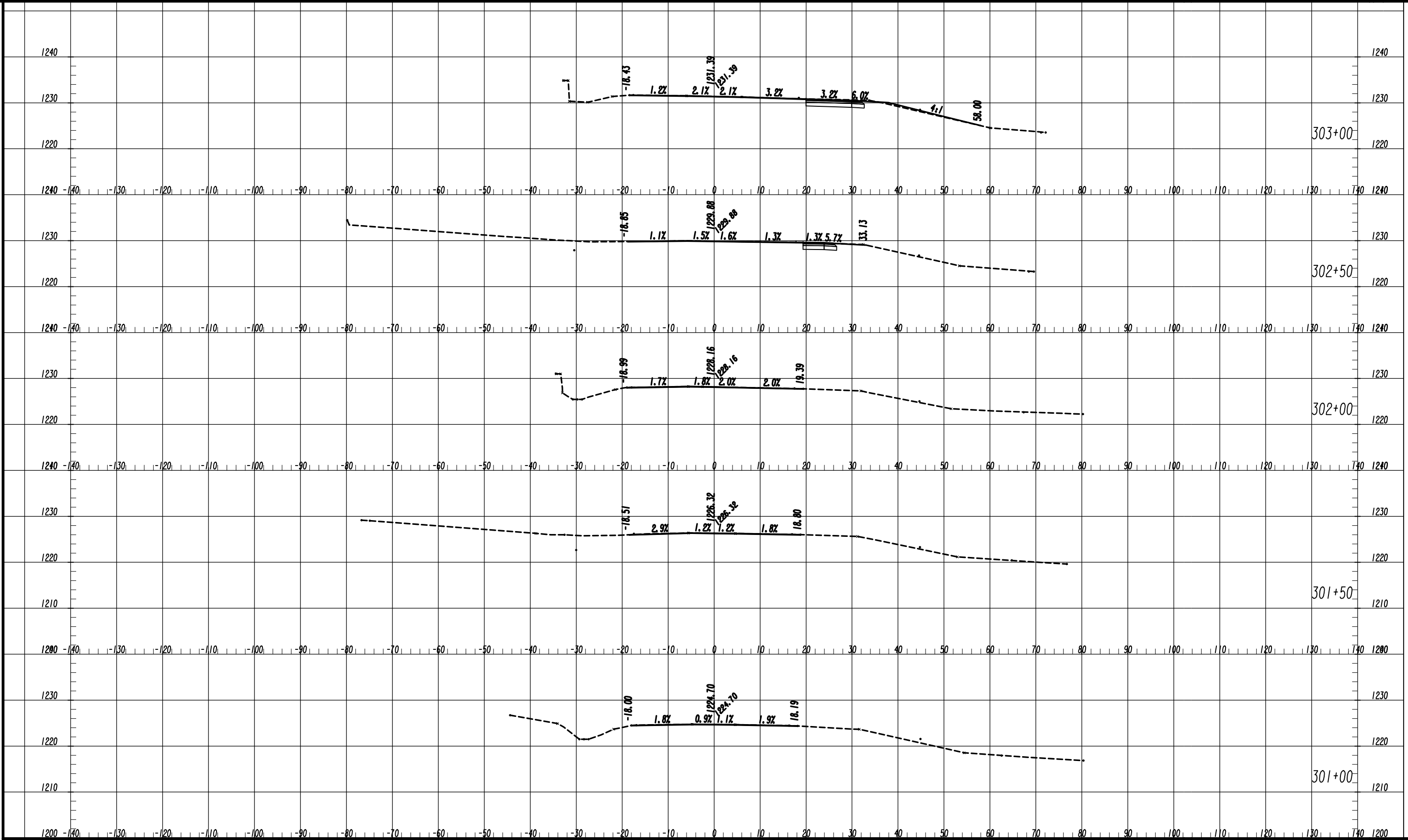
\*\*PENTABLE\*\*

#DGN\*

FORSYTH COUNTY

PROJECT NO.  
18-TP-022

SECTION  
SECTION  
SECTION  
SECTION



Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
DAHLONGA HIGHWAY (SR9)

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	23-0021
CORRECTED:	DATE:	
VERIFIED:	DATE:	

DATE\*\*  
USER\*\*

TIME\*\*

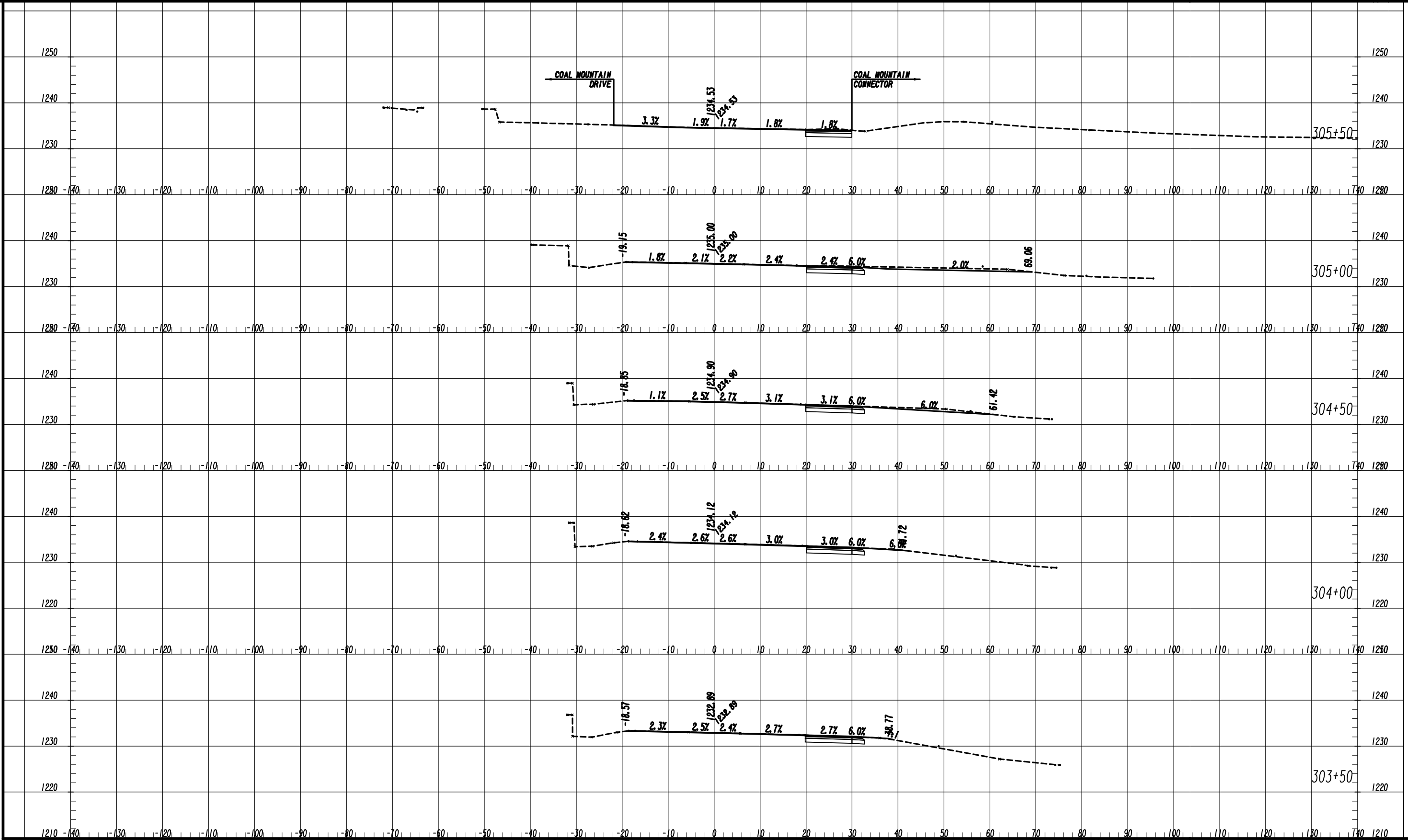
\*PRF\*\*  
\*\*PENTABLE\*\*

#DGN\*

FORSYTH COUNTY

PROJECT NO.  
18-TP-022

REV 14  
REV 13  
REV 12  
REV 11  
REV 10  
REV 9  
REV 8  
REV 7  
REV 6  
REV 5  
REV 4  
REV 3  
REV 2  
REV 1



Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
DAHLONEGA HIGHWAY (SR9)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0022
CORRECTED:		DATE:		
VERIFIED:		DATE:		

DATE\*\*  
\$USER\*\*

TIME\*\*

\*PRF\*\*

\*\*PENTABLE\*\*

#DGN\*

FORSYTH COUNTY

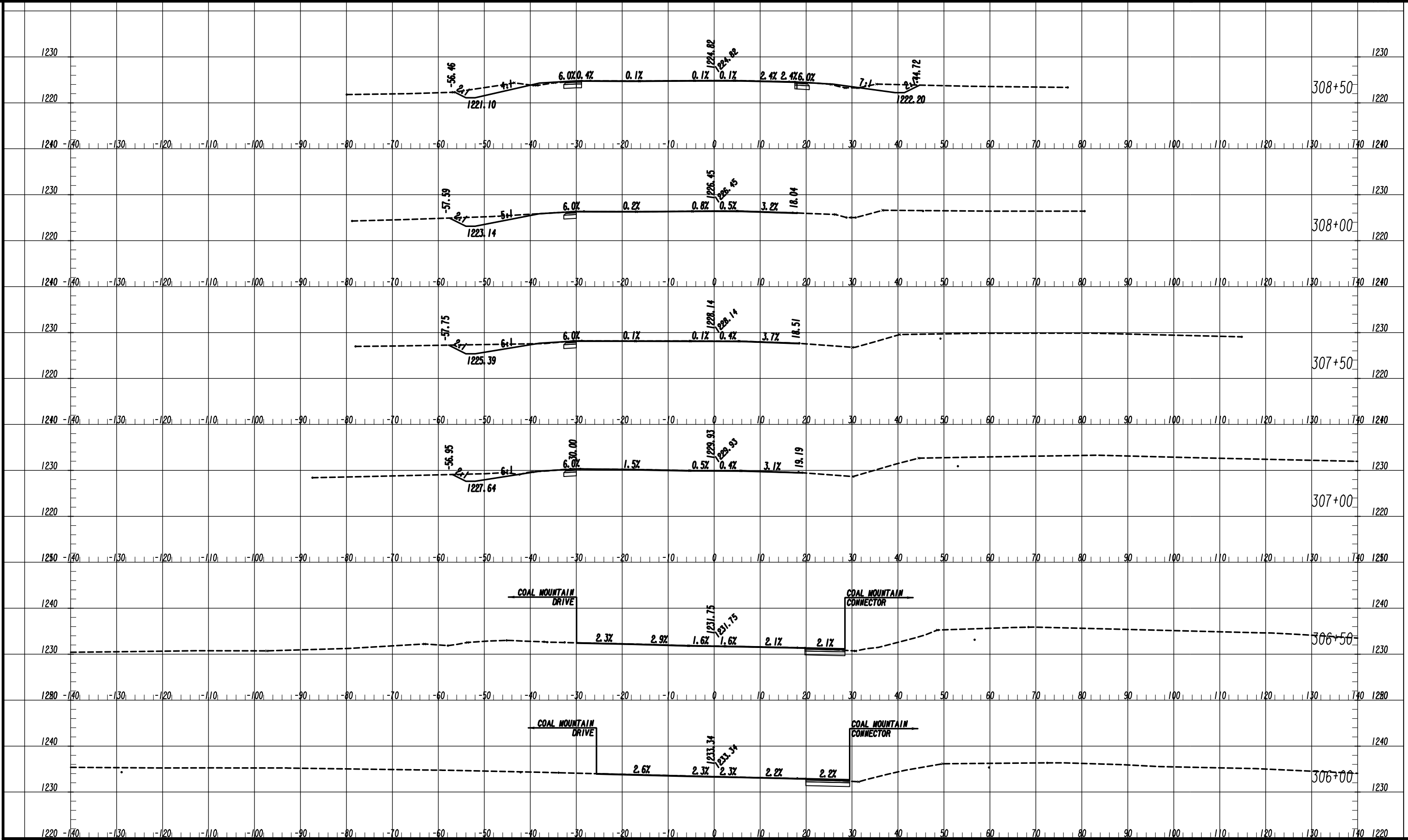
PROJECT NO.  
18-TP-022

REV 14  
REV 13  
REV 12  
REV 11

REV 04  
REV 03  
REV 02  
REV 01

7/31/2015

GPLM



Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES


**EARTHWORK CROSS SECTIONS**  
DAHLONGA HIGHWAY (SR9)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0023
CORRECTED:		DATE:		
VERIFIED:		DATE:		

DATE\*\*  
USER\*\*

TIME\*\*

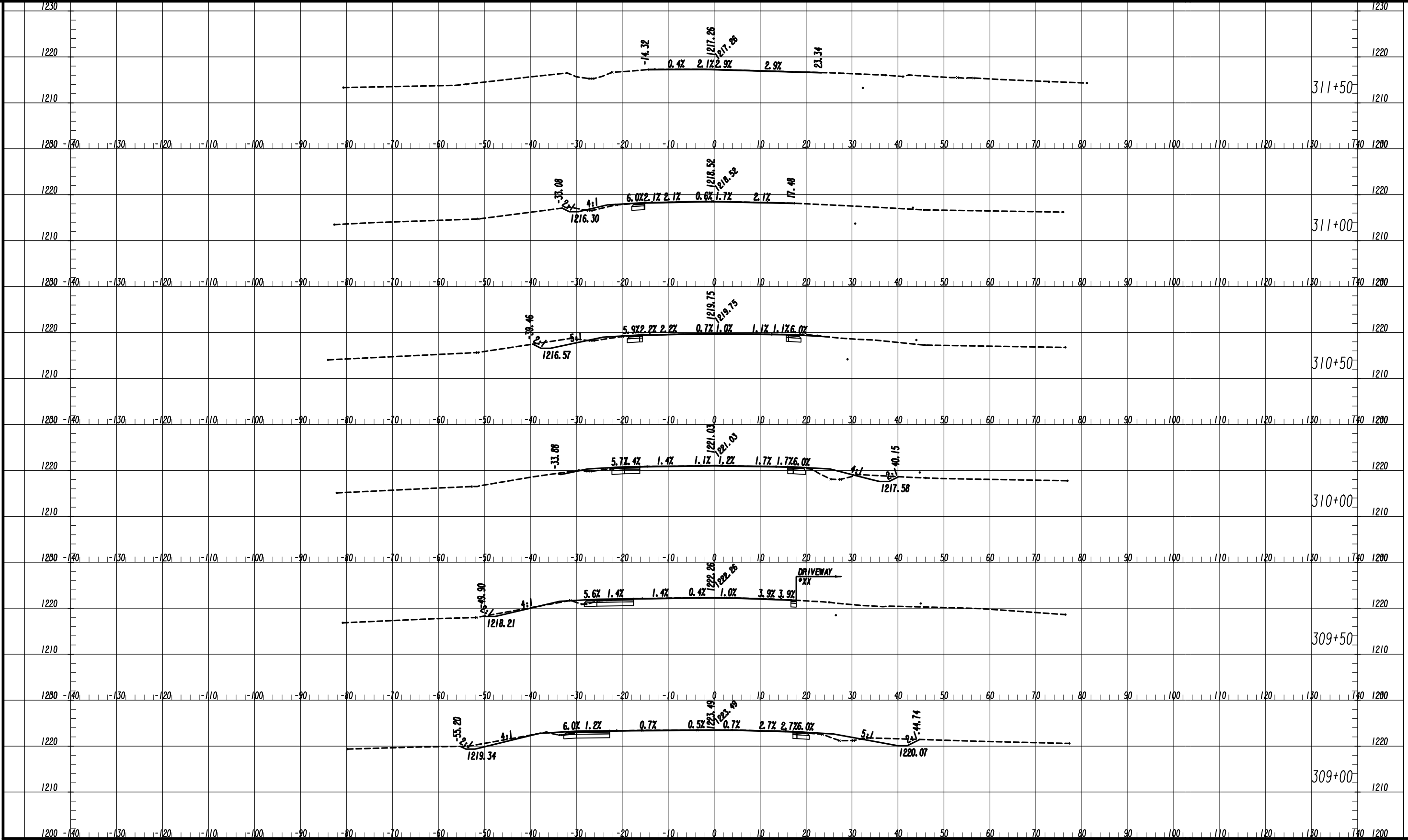
PRF\*\*

PENTABLE\*\*

DGN\*\*

FORSYTH COUNTY

PROJECT NO.  
18-TP-022



REV 14  
REV 15  
REV 16  
REV 17  
REV 18

REV 19  
REV 20  
REV 21  
REV 22  
REV 23

Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
DAHLONEGA HIGHWAY (SR9)

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	23-0024
CORRECTED:	DATE:	
VERIFIED:	DATE:	

DATE\*\*  
\$USER\*\*

TIME\*\*

\*PRF\*\*  
\*\*PENTABLE\*\*

#DGN\*

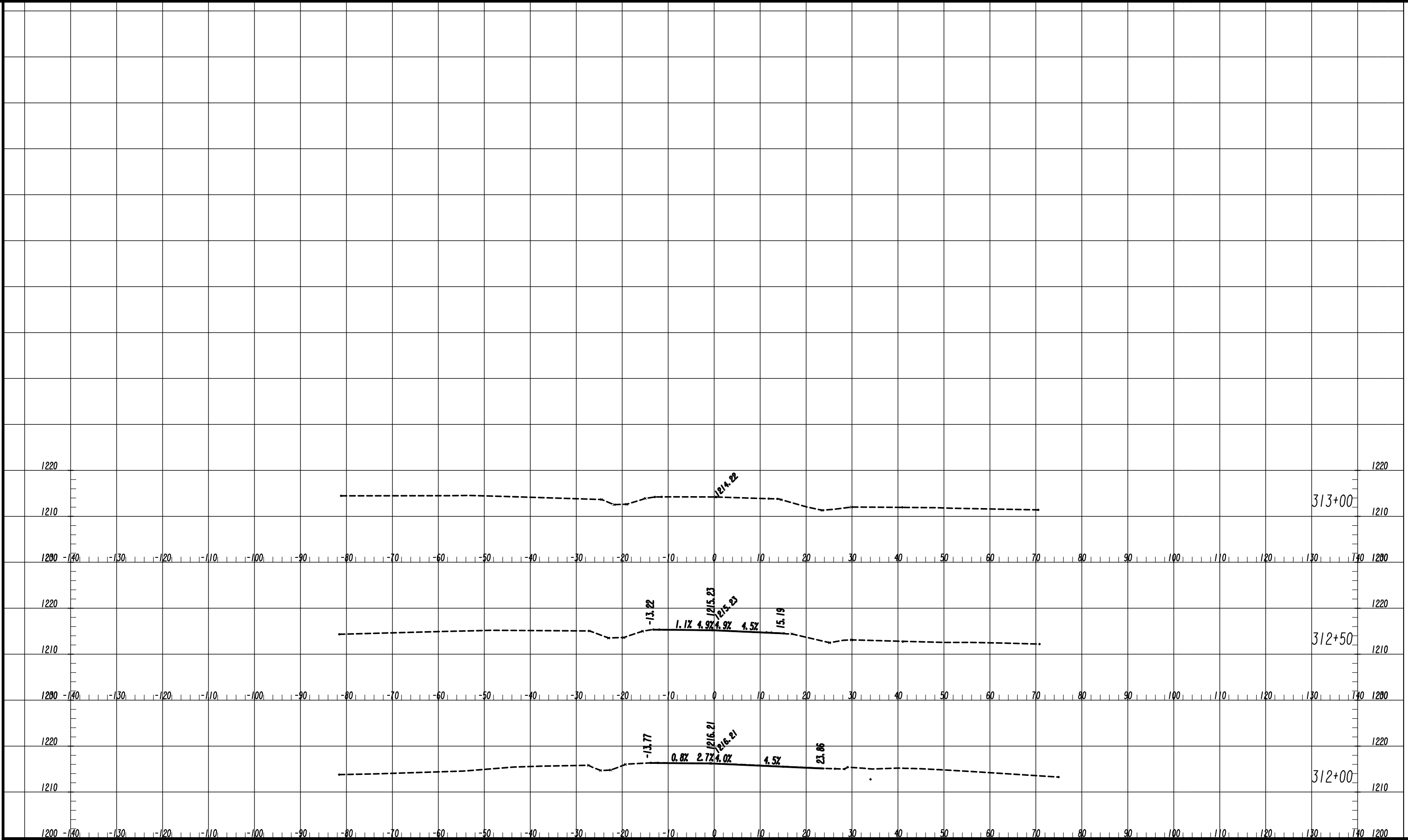
FORSYTH COUNTY

PROJECT NO.  
18-TP-022

18/11/20  
18/11/20  
18/11/20  
18/11/20

18/11/20  
18/11/20  
18/11/20  
18/11/20

18/11/20  
18/11/20  
18/11/20  
18/11/20



Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

**EARTHWORK CROSS SECTIONS**  
DAHLONEGA HIGHWAY (SR9)

CHECKED:	DATE:
BACKCHECKED:	DATE:
CORRECTED:	DATE:
VERIFIED:	DATE:

DRAWING No.  
**23-0025**

DATE\*\*  
USER\*\*

TIME\*\*

\*PRF\*\*

\*\*PENTABLE\*\*

#DGN\*

PROJECT NO.  
18-TP-022

1240  
1230  
1220  
1210  
1200

1240  
1230  
1220  
1210  
1200

1240  
1230  
1220  
1210  
1200

1240

1230

1220

1210

1200

1230

1220

1210

1200

1230

1220

1210

1200

1230

1220

1210

1200

-140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 1280

-140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 1280

-140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 1280

-140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 1280

403+00

402+50

402+00

401+50

-48.04

4:1

3.7%

1225.81

2.0%

1223.14

4:1

44.07

1225.32

1226.10

1226.41



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

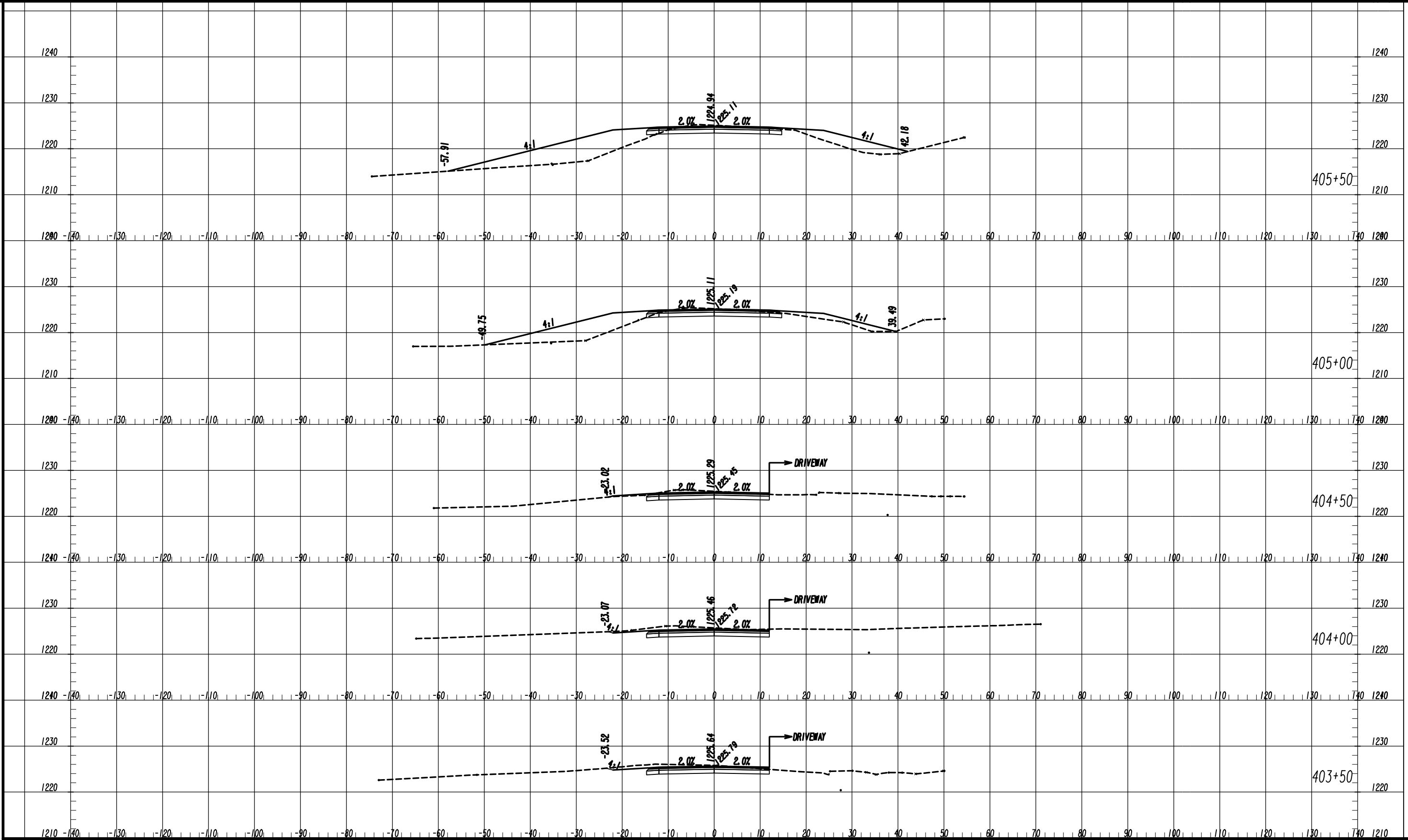
SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES


EARTHWORK CROSS SECTIONS  
SETTINGDOWN ROAD

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.  
23-0026



REV 1/16  
REV 1/16  
REV 1/16  
REV 1/16

REV 1/16  
REV 1/16  
REV 1/16  
REV 1/16

Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

EARTHWORK CROSS SECTIONS  
SETTINGDOWN ROAD

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	23-0027
CORRECTED:	DATE:	
VERIFIED:	DATE:	



DATE\*\*  
\$USER\*\*

TIME\*\*

\*PRF\*\*

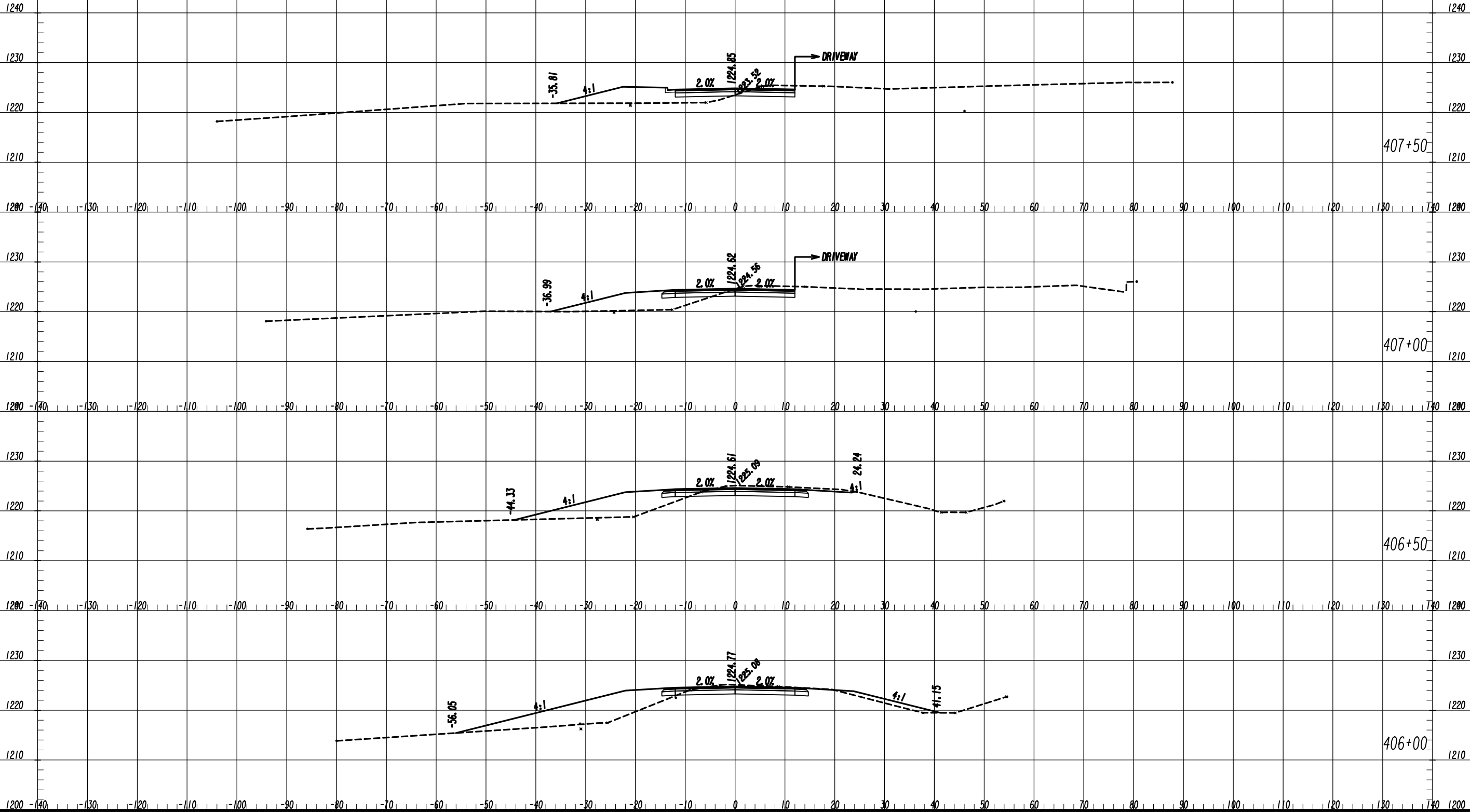
\*\*PENTABLE\*\*

#DGN\*\*

PROJECT NO.  
18-TP-022

SECTION  
407+50

SECTION  
406+50



7/31/2015  
GPM

Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
SETTINGDOWN ROAD

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	23-0028
CORRECTED:	DATE:	
VERIFIED:	DATE:	

DATE##  
USER##

TIME##

\*PRF##  
\*\*PENTABLE##

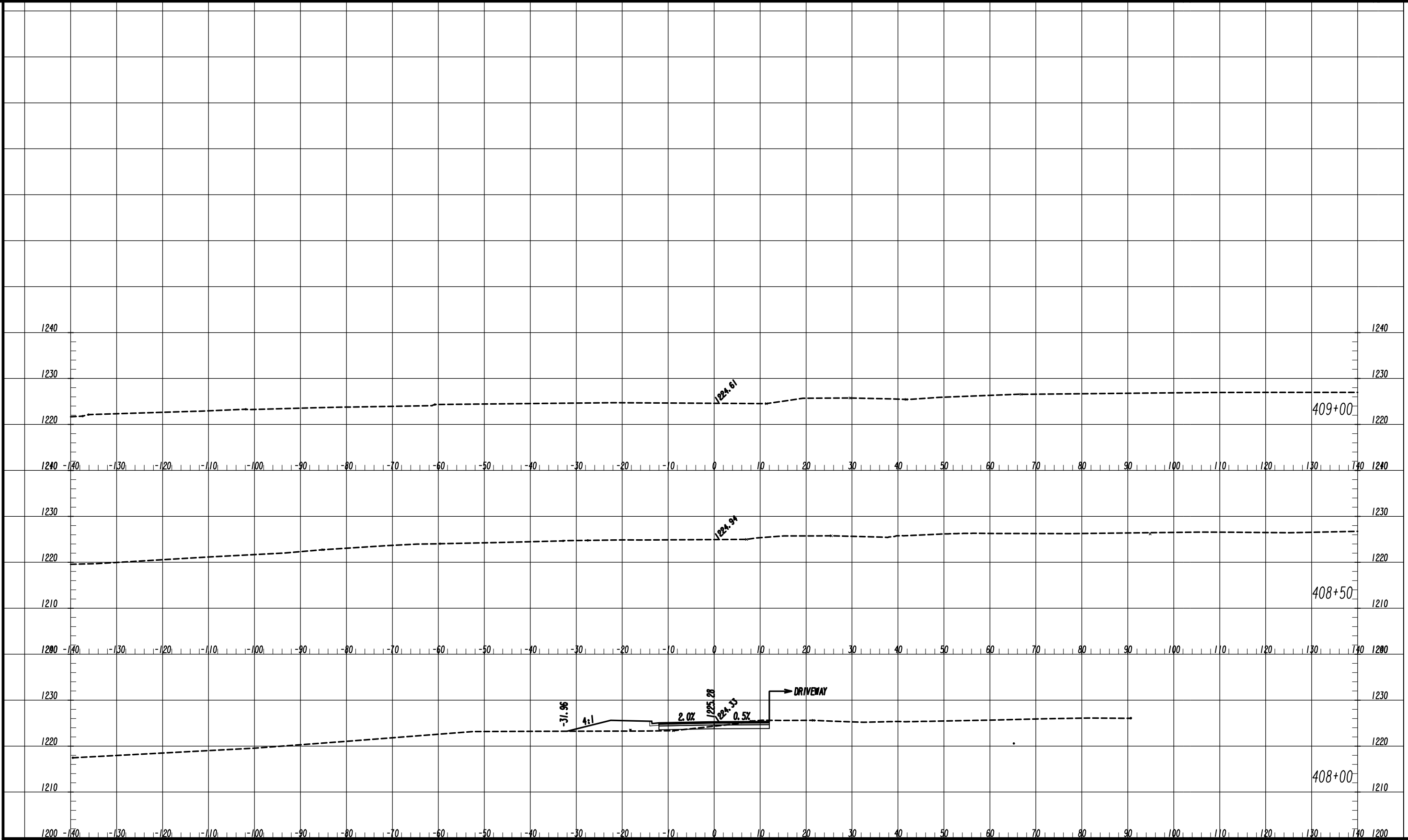
#DGN#

PROJECT NO.  
18-TP-022

1240  
1230  
1220

1230  
1220  
1210

1230  
1220  
1210



7/31/2015

GPLM

Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

**EARTHWORK CROSS SECTIONS**  
SETTINGDOWN ROAD

CHECKED:	DATE:
BACKCHECKED:	DATE:
CORRECTED:	DATE:
VERIFIED:	DATE:

DRAWING No.  
**23-0029**

DATE\*\*  
\$USER\*\*

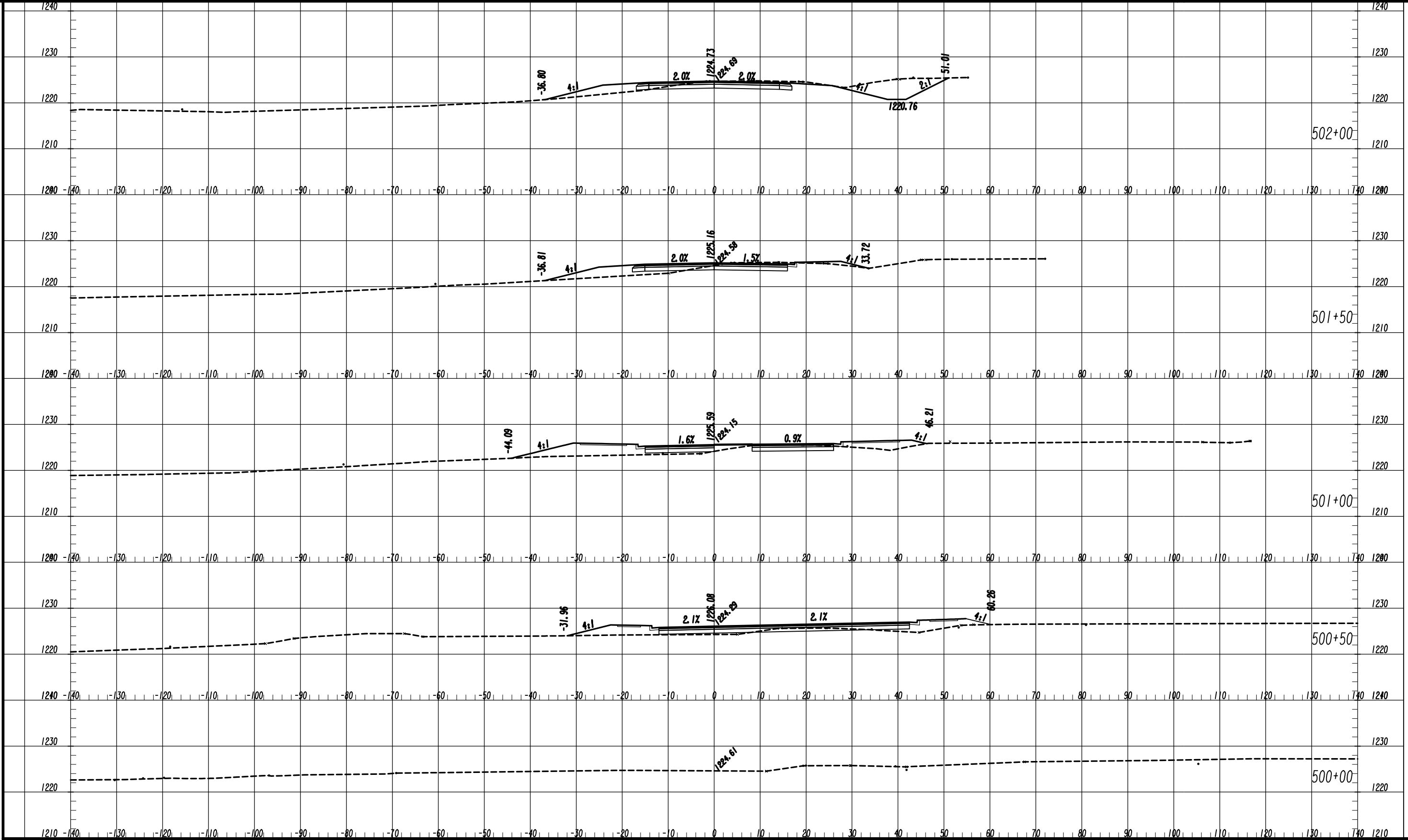
TIME\*\*

\*PRF\*\*

\*\*PENTABLE\*\*

#DGN\*\*

PROJECT NO.  
18-TP-022



7/31/2015

Drawing Copyright © 2020

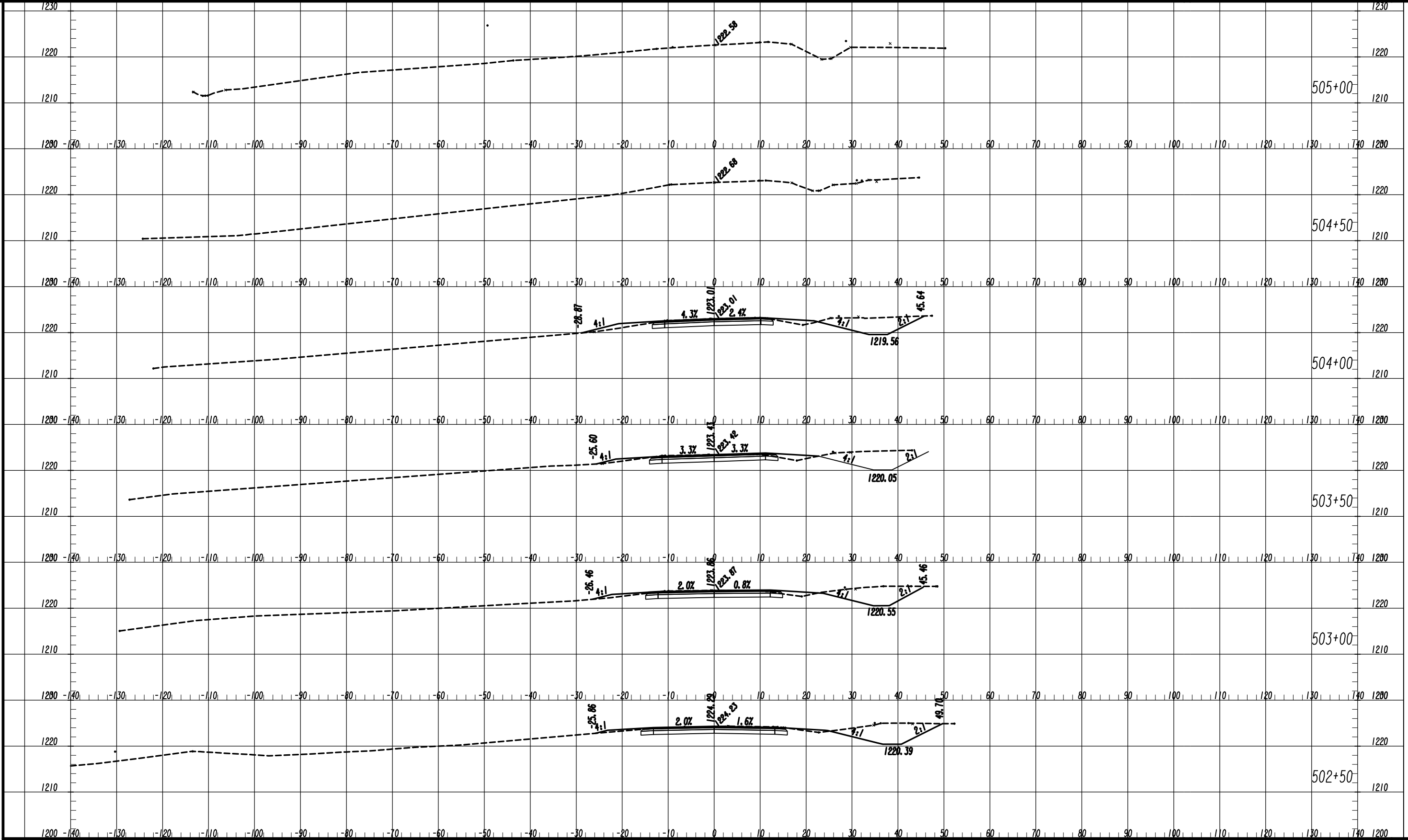
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
SETTINGDOWN ROAD NE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	23-0030
CORRECTED:	DATE:	
VERIFIED:	DATE:	



Drawing Copyright © 2020

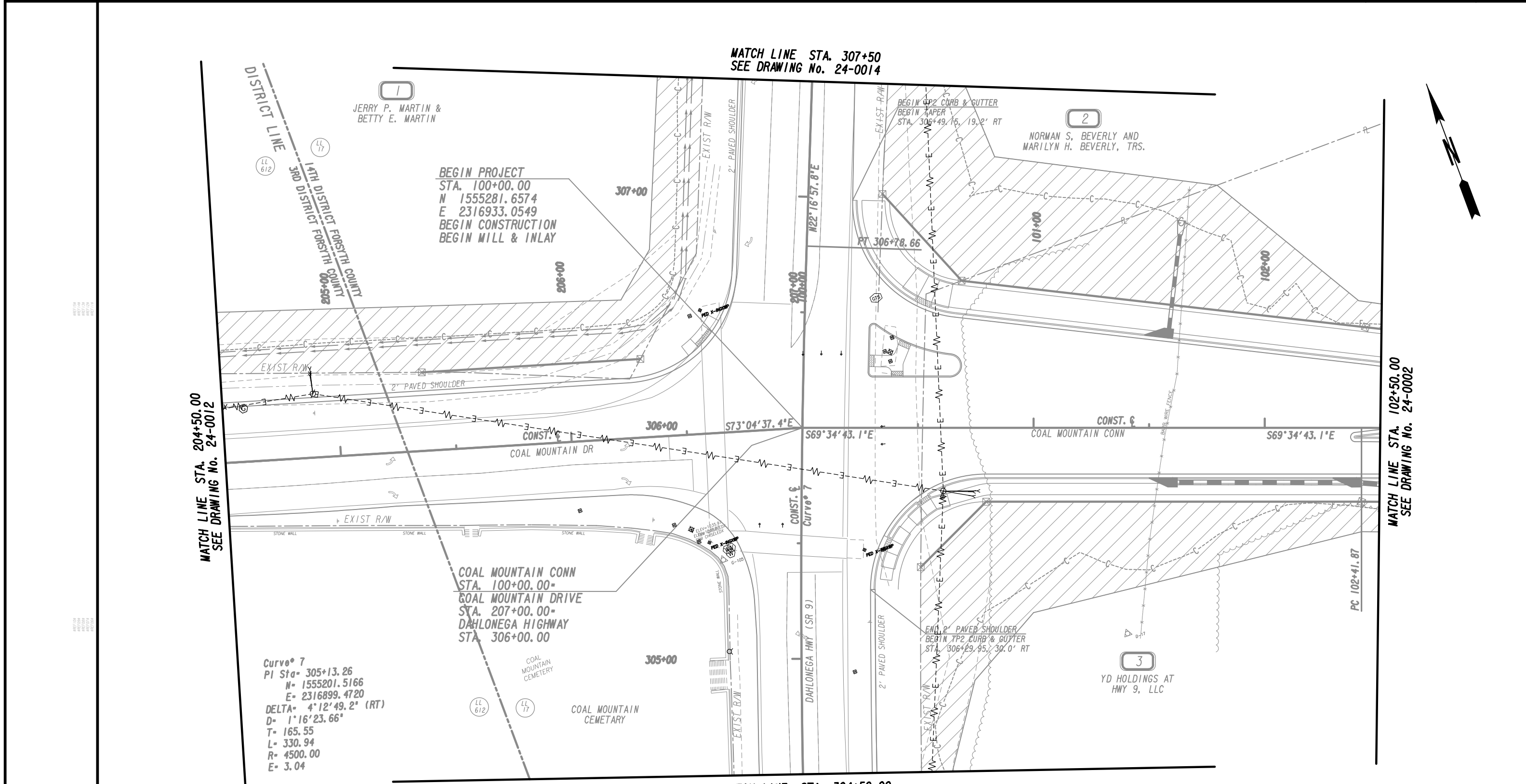
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
SETTINGDOWN ROAD NE

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0031
CORRECTED:		DATE:		
VERIFIED:		DATE:		



PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES

---●---  
---C---F---  
[Hatched patterns for easements]

BEGIN LIMIT OF ACCESS.....BLA  
END LIMIT OF ACCESS.....ELA  
LIMIT OF ACCESS  
REQ'D R/W & LIMIT OF ACCESS  
ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)

[Symbol for BLA/ELA]  
[Symbol for Limit of Access]  
[Symbol for Orange Barrier Fence]  
[Symbol for ESA]

Drawing Copyright © 2020  
**CHA**  
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE IN FEET  
0 20 40 80

**REVISION DATES**

NO.	DATE	DESCRIPTION

**UTILITY PLANS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	

2  
NORMAN S. BEVERLY &  
MARILYN H. BEVERLY, TRS.

MATCH LINE STA. 102+50.00  
SEE DRAWING NO. 24-0001

MATCH LINE STA. 107+50.00  
SEE DRAWING NO. 24-0003

3  
YD HOLDINGS AT  
HWY 9, LLC

Curve 1  
PI Sta- 104+24.52  
N- 1555133.5341  
E- 2317330.8922  
DELTA- 30°16'55.6" (RT)  
D- 8'29"17.75"  
T- 182.65  
L- 356.75  
R- 675.00  
E- 24.27

PT 105+98.62

S39°17'47.5"E

COAL MOUNTAIN CONN  
CONST. §

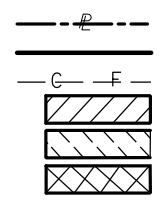
EPHEMERAL CHANNEL \*16

WETLAND \*15

25' ESA BUFFER

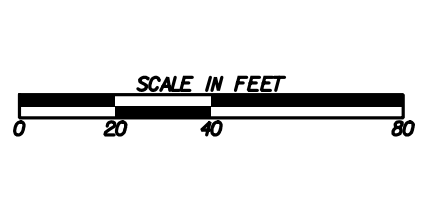
PERENNIAL STREAM \*14

PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES



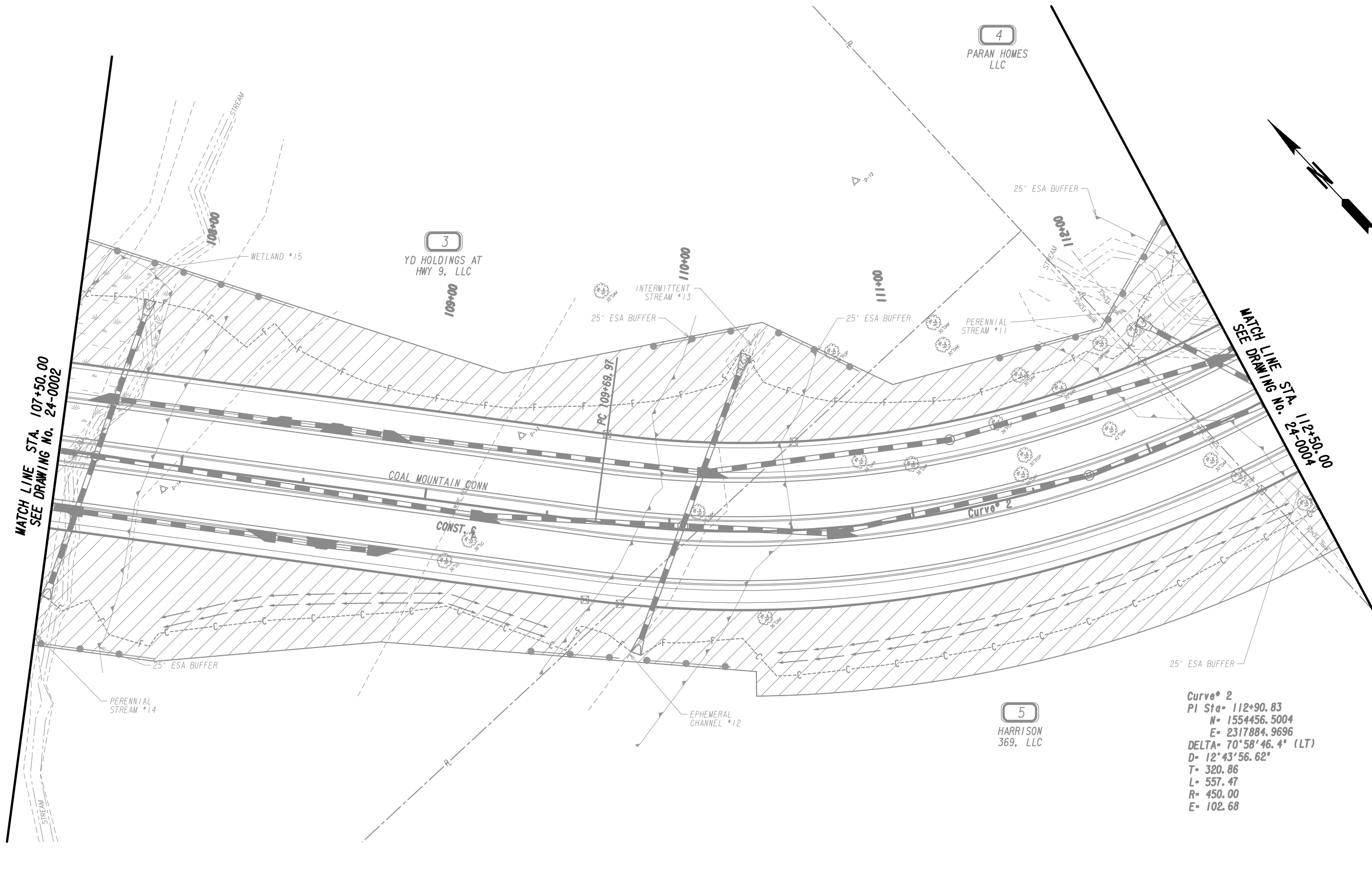
BEGIN LIMIT OF ACCESS.....BLA  
END LIMIT OF ACCESS.....ELA  
LIMIT OF ACCESS  
REQ'D R/W & LIMIT OF ACCESS  
ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com



REVISION DATES table with columns for date and description.

UTILITY PLANS  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369  
DRAWING No. 24-0002

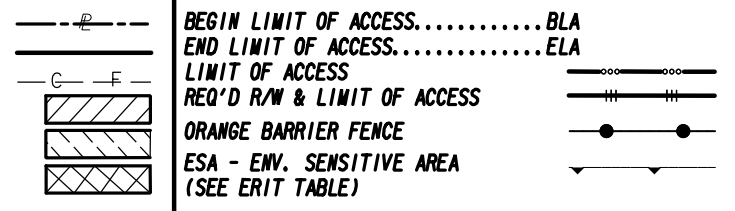


MATCH LINE STA. 112+50.00  
SEE DRAWING No. 24-0004

MATCH LINE STA. 107+50.00  
SEE DRAWING No. 24-0002

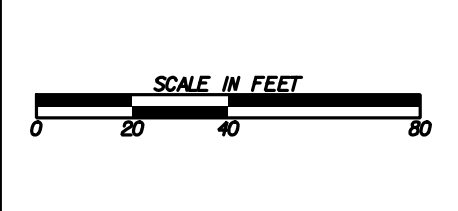
Curve\* 2  
 PI Sta= 112+90.83  
 N= 1554456.5004  
 E= 2317884.9696  
 DELTA= 70°58'46.4" (LT)  
 D= 12'43"56.62"  
 T= 320.86  
 L= 557.47  
 R= 450.00  
 E= 102.68

PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



Drawing Copyright © 2020

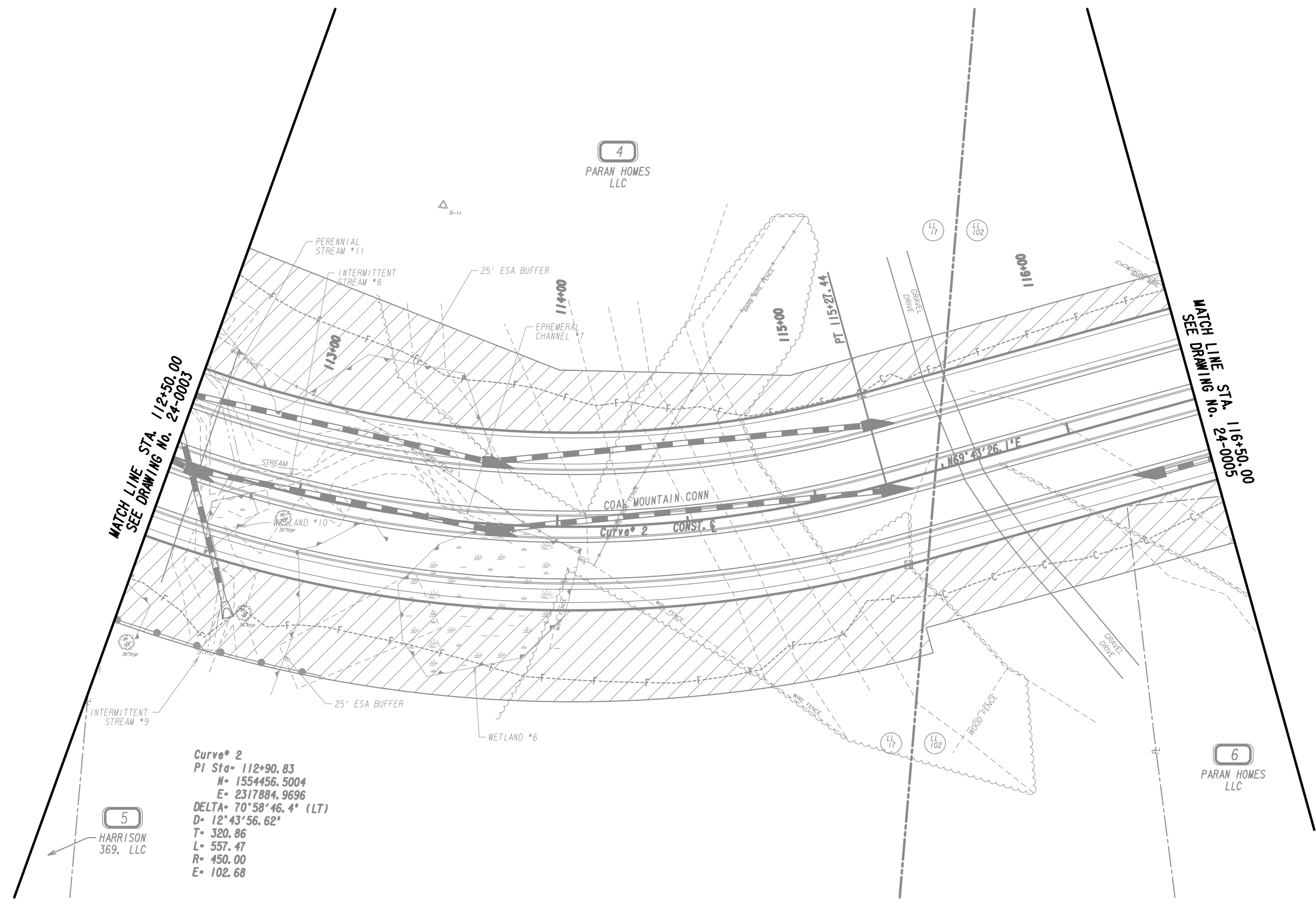
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**UTILITY PLANS**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0003
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 112+50.00  
SEE DRAWING No. 24-0003

MATCH LINE STA. 116+50.00  
SEE DRAWING No. 24-0005

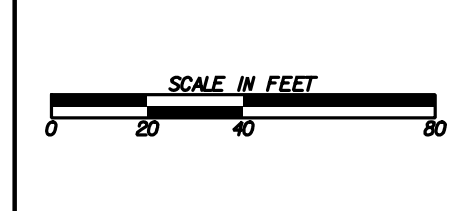
**Curve 2**  
 PI Sta- 112+90.83  
 N- 1554456.5004  
 E- 2317884.9696  
 DELTA- 70°58'46.4" (LT)  
 D- 12°43'56.62"  
 T- 320.86  
 L- 557.47  
 R- 450.00  
 E- 102.68



PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR	---
& MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA	---
(SEE ERIT TABLE)	---

6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com

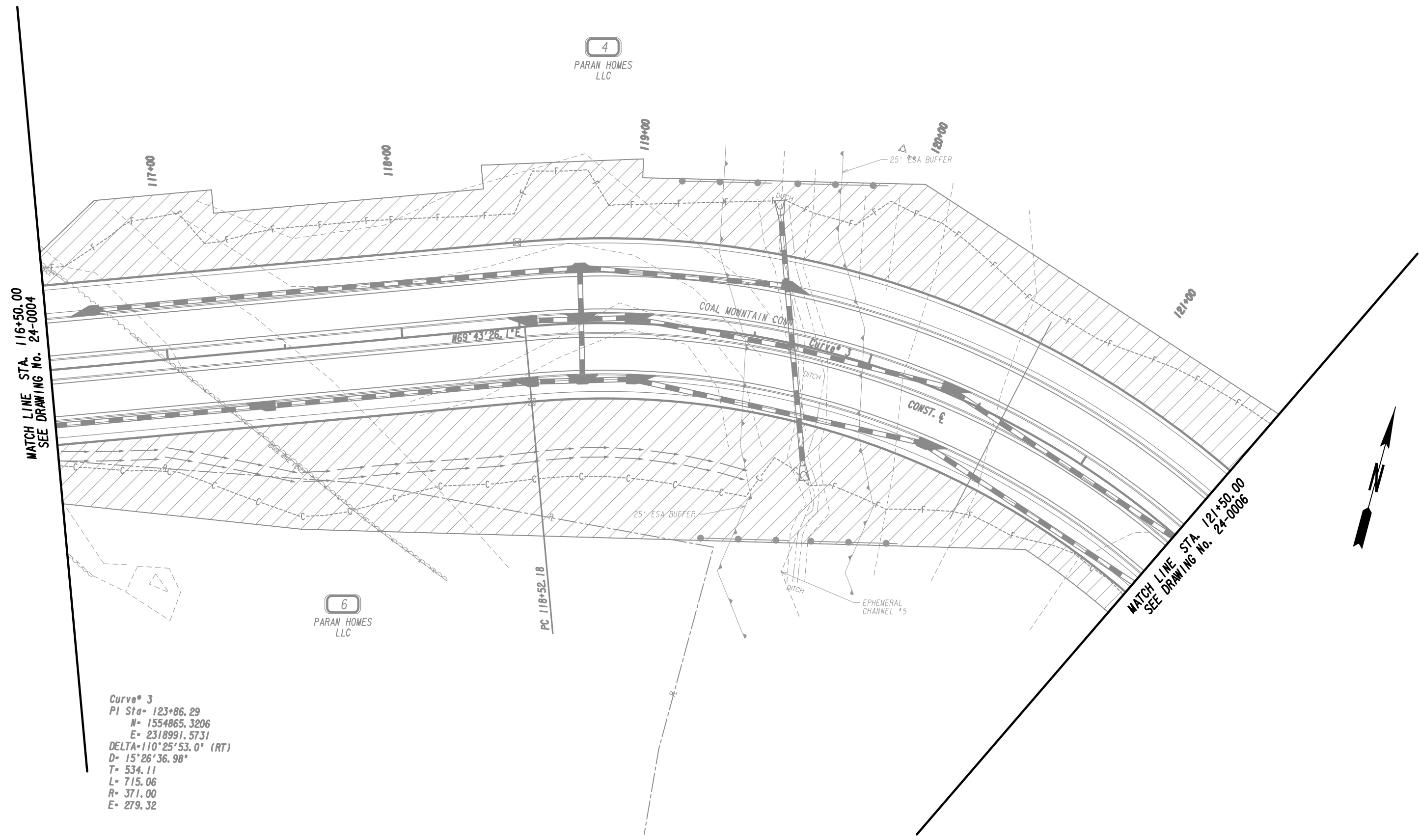


REVISION DATES	

**UTILITY PLANS**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0004
CORRECTED:	DATE:	
VERIFIED:	DATE:	





MATCH LINE STA. 116+50.00  
SEE DRAWING No. 24-0004

MATCH LINE STA. 121+50.00  
SEE DRAWING No. 24-0006

Curve 3  
 PI Sta= 123+86.29  
 N= 1554865.3206  
 E= 2318991.5731  
 DELTA=110°25'53.0" (RT)  
 D= 15°26'36.98"  
 T= 534.11  
 L= 715.06  
 R= 371.00  
 E= 279.32

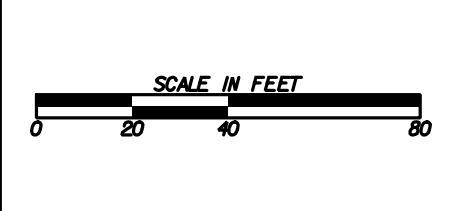


PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR	---
& MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA	---
(SEE ERIT TABLE)	---

Drawing Copyright © 2020

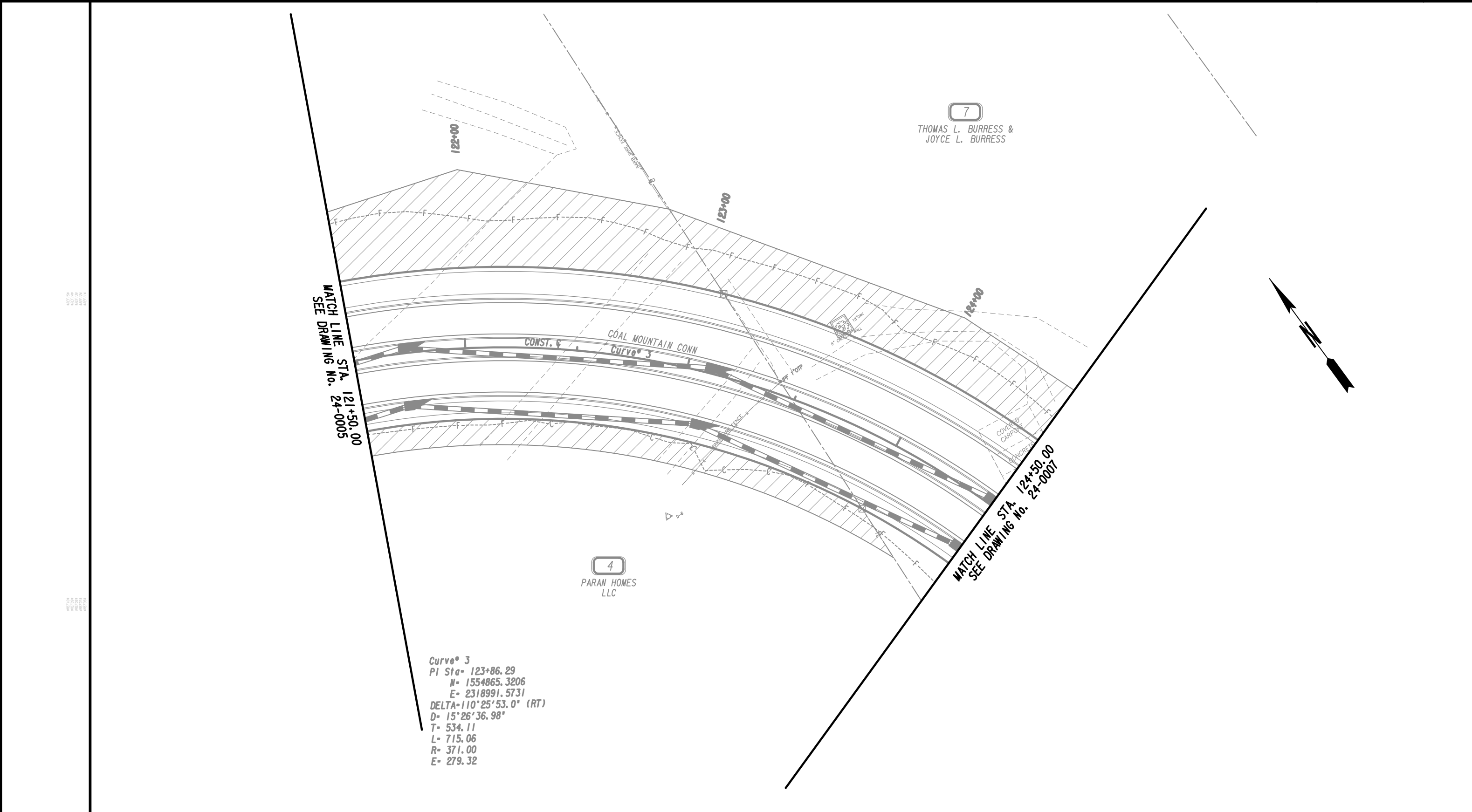
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

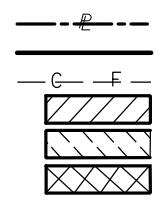
**UTILITY PLANS**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0005
CORRECTED:	DATE:	
VERIFIED:	DATE:	



Curve 3  
 PI Sta= 123+86.29  
 N= 1554865.3206  
 E= 2318991.5731  
 DELTA=110°25'53.0" (RT)  
 D= 15°26'36.98"  
 T= 534.11  
 L= 715.06  
 R= 371.00  
 E= 279.32

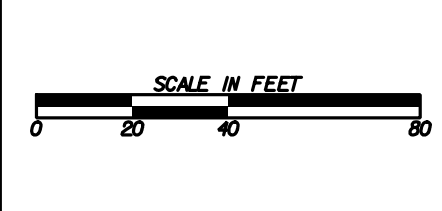
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)

Drawing Copyright © 2020

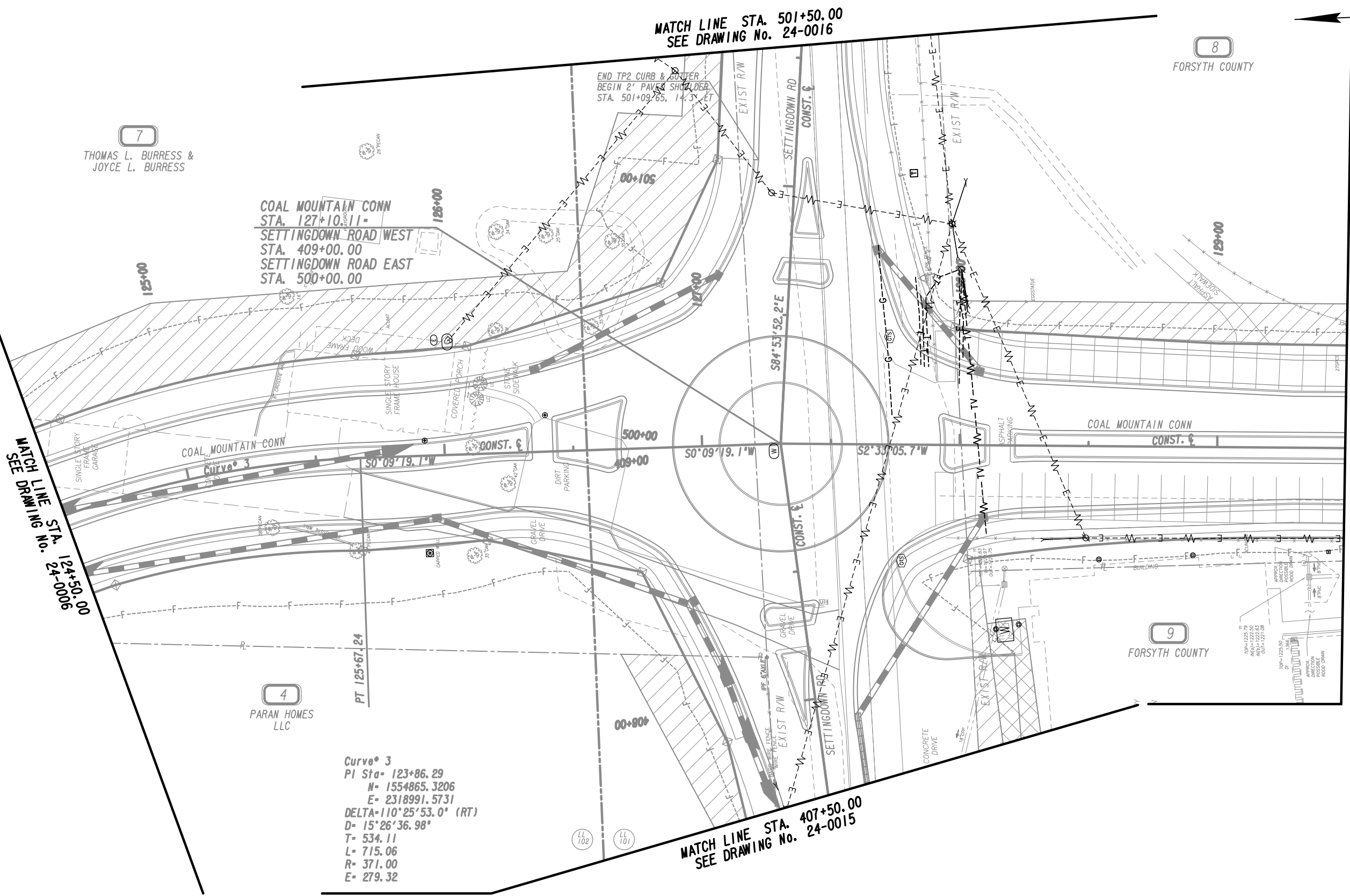
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**UTILITY PLANS**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0006
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 124+50.00  
SEE DRAWING NO. 24-0006

MATCH LINE STA. 129+50.00  
SEE DRAWING NO. 24-0008

**7**  
THOMAS L. BURRESS &  
JOYCE L. BURRESS

**COAL MOUNTAIN CONN**  
STA. 127+10.11-  
**SETTINGDOWN ROAD WEST**  
STA. 409+00.00  
**SETTINGDOWN ROAD EAST**  
STA. 500+00.00

**4**  
PARAN HOMES LLC

Curve 3  
PI Sta= 123+86.29  
M= 1554865.3206  
E= 2318991.5731  
DELTA=110°25'53.0" (RT)  
D= 15°26'36.98"  
T= 534.11  
L= 715.06  
R= 371.00  
E= 279.32

MATCH LINE STA. 501+50.00  
SEE DRAWING No. 24-0016

MATCH LINE STA. 407+50.00  
SEE DRAWING No. 24-0015

**8**  
FORSYTH COUNTY

**9**  
FORSYTH COUNTY

PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA  
END LIMIT OF ACCESS.....ELA  
LIMIT OF ACCESS  
REQ'D R/W & LIMIT OF ACCESS  
ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)

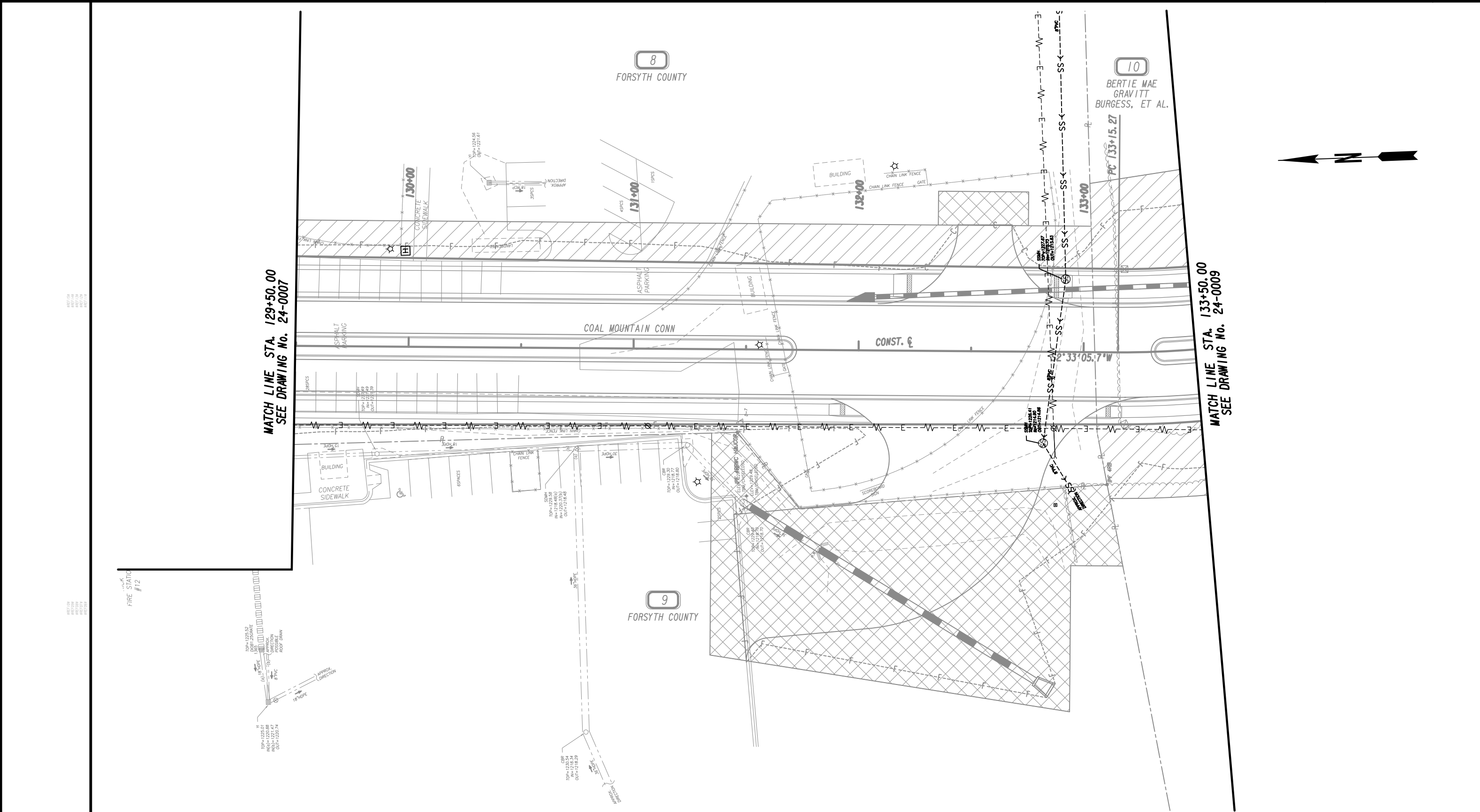
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE IN FEET

REVISION DATES	

**UTILITY PLANS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0007
CORRECTED:	DATE:	
VERIFIED:	DATE:	



PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES

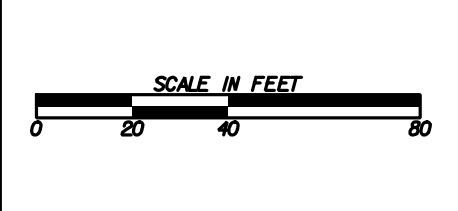
	---
	---
	---
	---
	---
	---

BEGIN LIMIT OF ACCESS.....BLA  
END LIMIT OF ACCESS.....ELA  
LIMIT OF ACCESS  
REQ'D R/W & LIMIT OF ACCESS  
ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)

	---
	---
	---
	---
	---
	---

Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

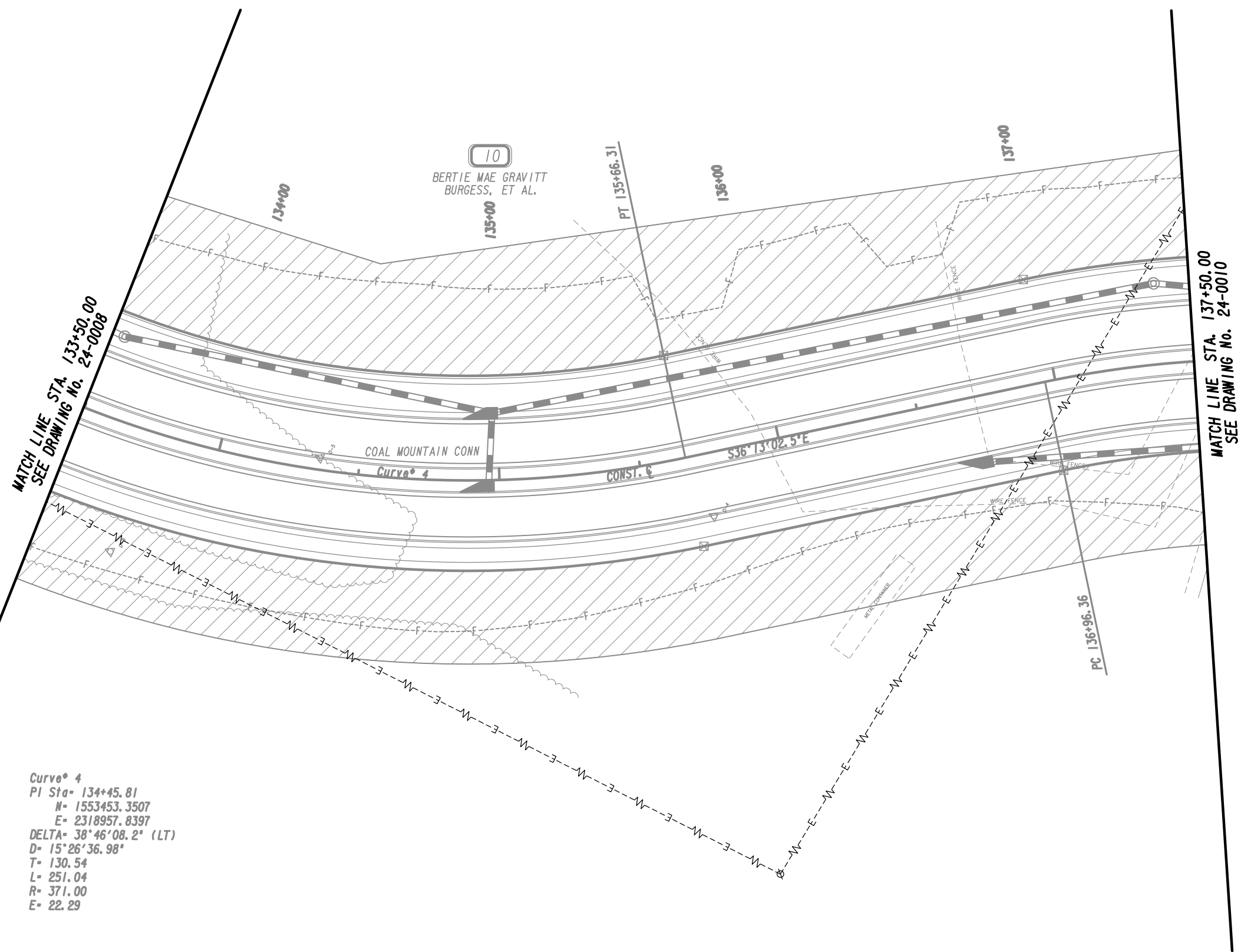


REVISION DATES

NO.	DATE	DESCRIPTION

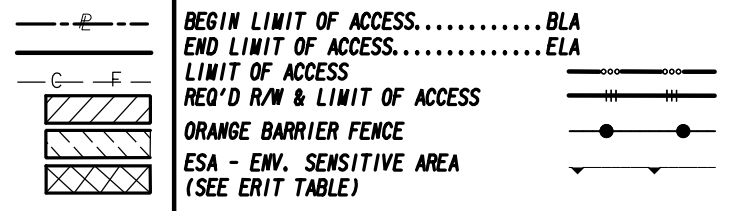
**UTILITY PLANS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0008
CORRECTED:	DATE:	
VERIFIED:	DATE:	



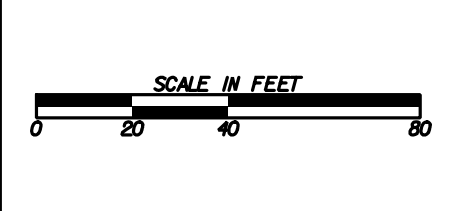
Curve\* 4  
 PI Sta= 134+45.81  
 N= 1553453.3507  
 E= 2318957.8397  
 DELTA= 38°46'08.2" (LT)  
 D= 15°26'36.98"  
 T= 130.54  
 L= 251.04  
 R= 371.00  
 E= 22.29

PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



Drawing Copyright © 2020

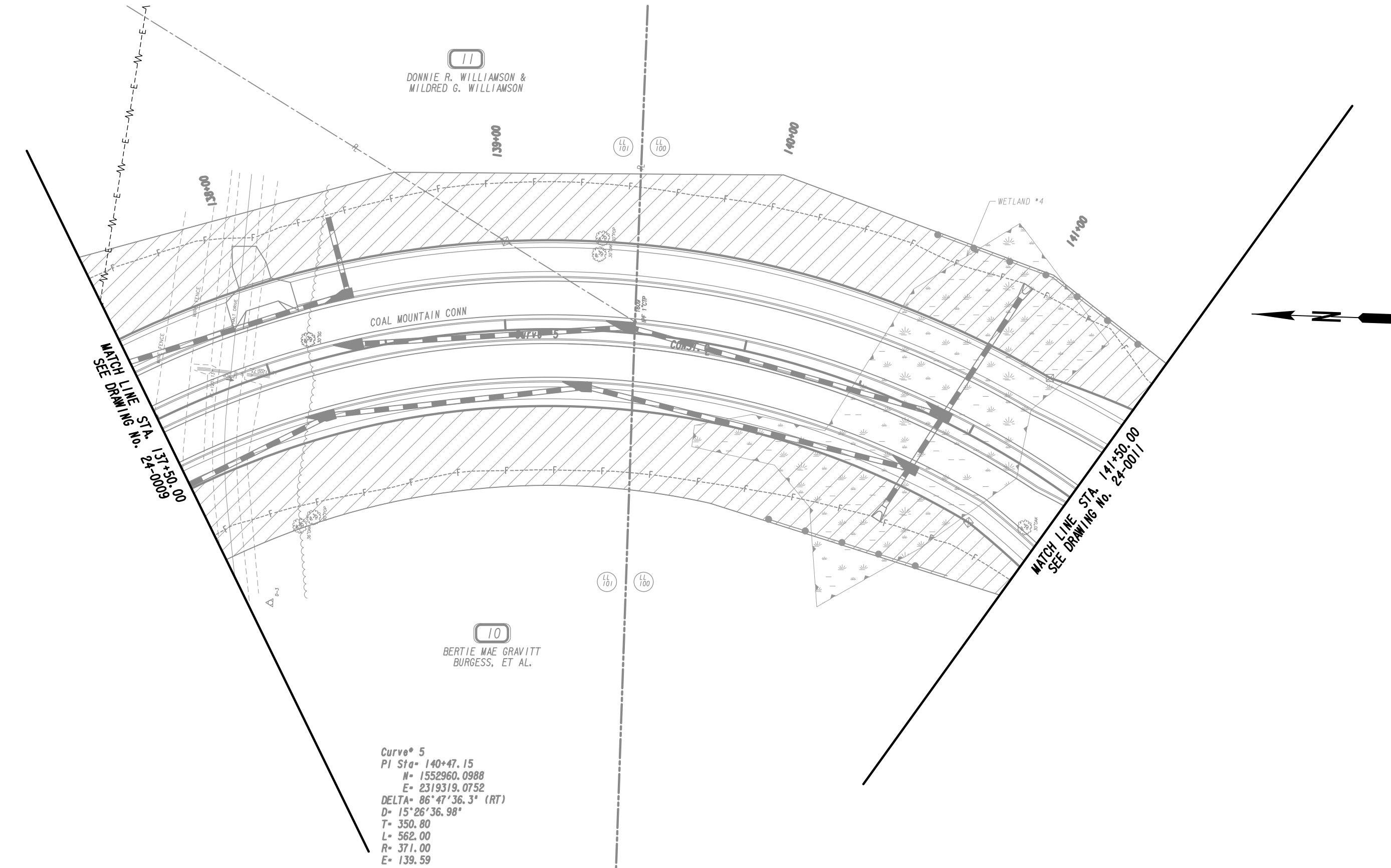
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**UTILITY PLANS**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0009
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 137+50.00  
SEE DRAWING No. 24-001/0

MATCH LINE STA. 141+50.00  
SEE DRAWING No. 24-001/1

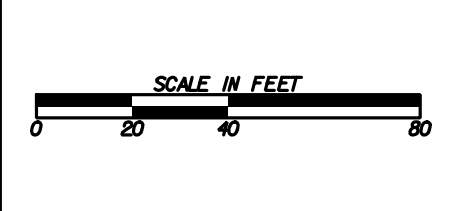
Curve\* 5  
 PI Sta- 140+47.15  
 M- 1552960.0988  
 E- 2319319.0752  
 DELTA- 86°47'36.3" (RT)  
 D- 15°26'36.98"  
 T- 350.80  
 L- 562.00  
 R- 371.00  
 E- 139.59

PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

---P--- BEGIN LIMIT OF ACCESS.....BLA  
 ---F--- END LIMIT OF ACCESS.....ELA  
 ---G--- LIMIT OF ACCESS  
 ---H--- REQ'D R/W & LIMIT OF ACCESS  
 ---I--- ORANGE BARRIER FENCE  
 ---J--- ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)

Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**UTILITY PLANS**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0010
CORRECTED:	DATE:	
VERIFIED:	DATE:	

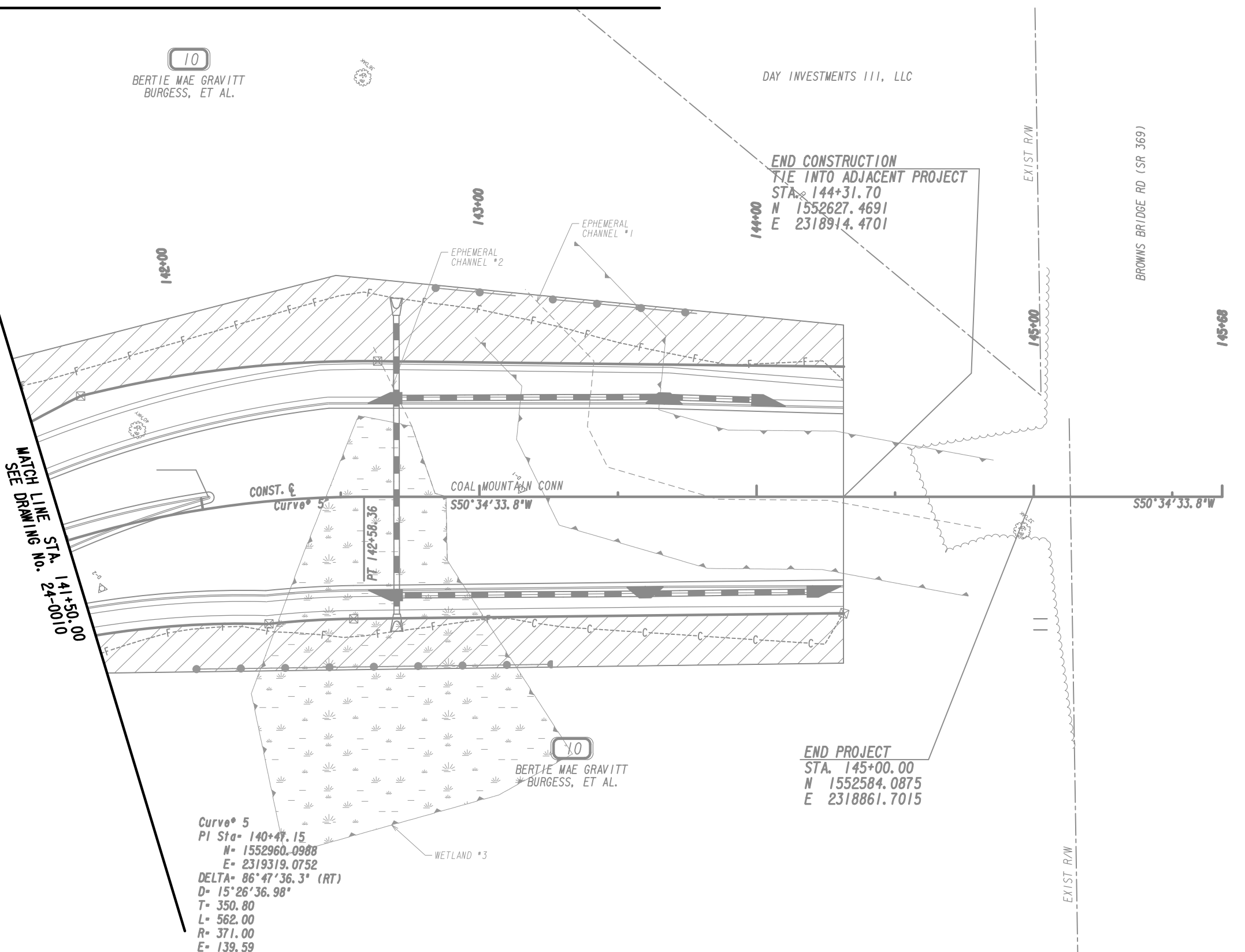
MATCH LINE  
SEE DRAWING No. 24-0018

10  
BERTIE MAE GRAVITT  
BURGESS, ET AL.

DAY INVESTMENTS III, LLC

END CONSTRUCTION  
TIE INTO ADJACENT PROJECT  
STA. 144+31.70  
N 1552627.4691  
E 2318914.4701

MATCH LINE  
SEE DRAWING No. 24-0010  
STA. 141+50.00



CONST.  $\xi$   
Curve<sup>o</sup> 5

COAL MOUNTAIN CONN  
S50°34'33.8"W

S50°34'33.8"W

Curve<sup>o</sup> 5  
PI Sta- 140+47.15  
N- 1552960.0988  
E- 2319319.0752  
DELTA- 86°47'36.3" (RT)  
D- 15°26'36.98"  
T- 350.80  
L- 562.00  
R- 371.00  
E- 139.59

10  
BERTIE MAE GRAVITT  
BURGESS, ET AL.

END PROJECT  
STA. 145+00.00  
N 1552584.0875  
E 2318861.7015

PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR	---
& MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA	---
(SEE ERIT TABLE)	---

Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

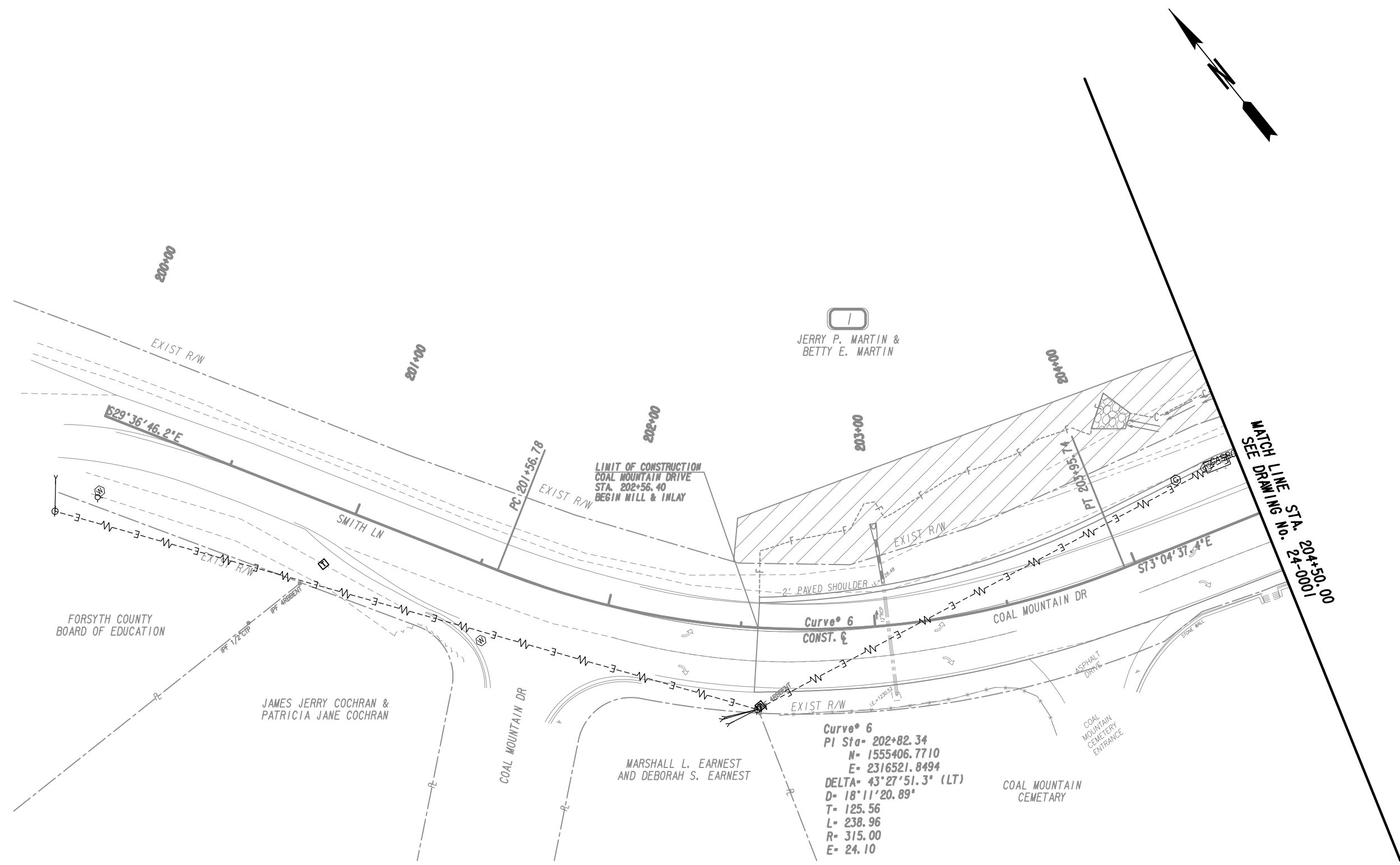
SCALE IN FEET

REVISION DATES	

**UTILITY PLANS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.  
**24-0011**

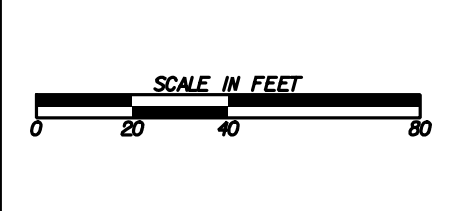


MATCH LINE STA. 204+50.00  
SEE DRAWING No. 24-0011

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS.....BLA	
END LIMIT OF ACCESS.....ELA	
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

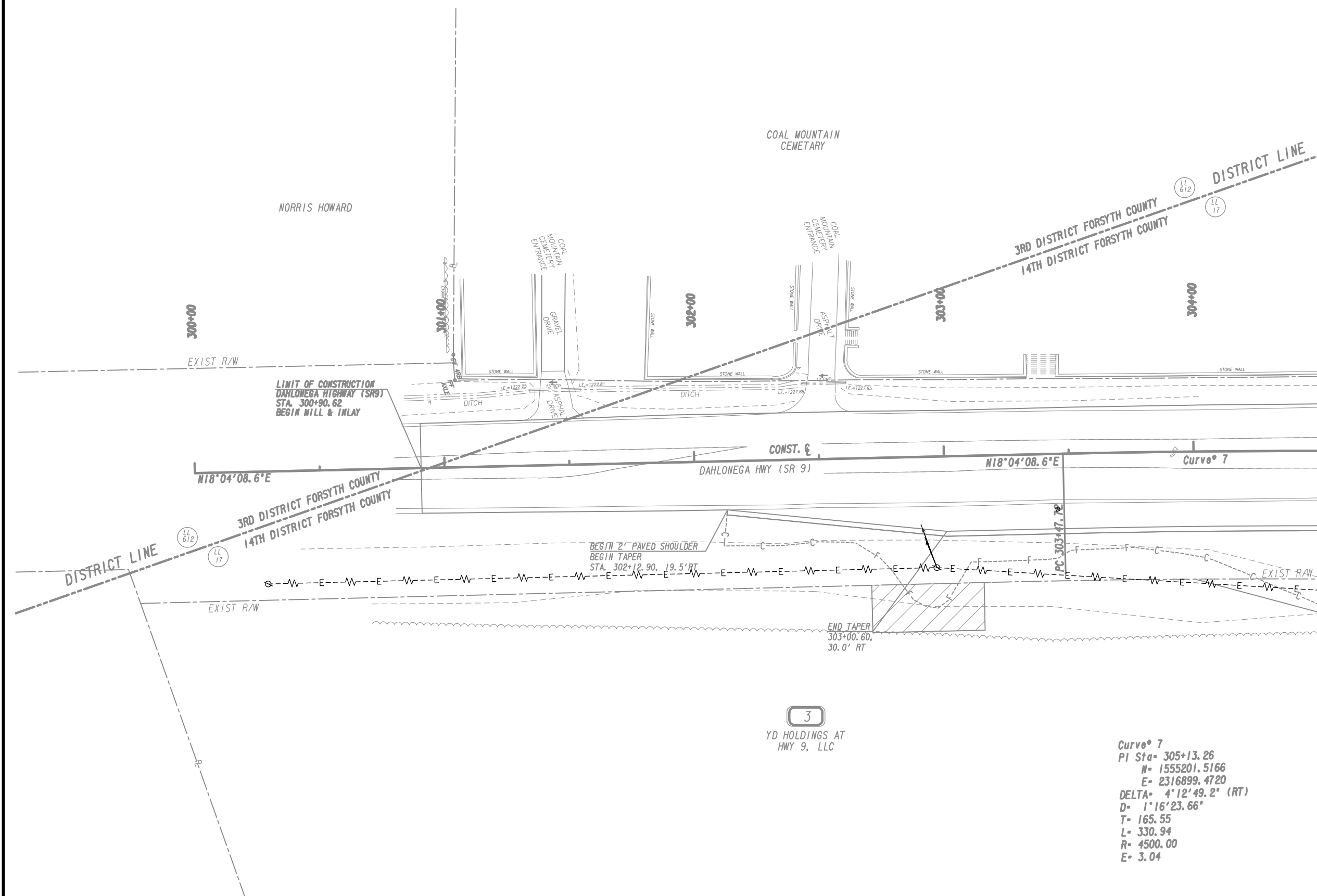
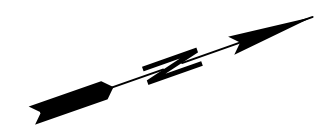


REVISION DATES	

**UTILITY PLANS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0012
CORRECTED:	DATE:	
VERIFIED:	DATE:	





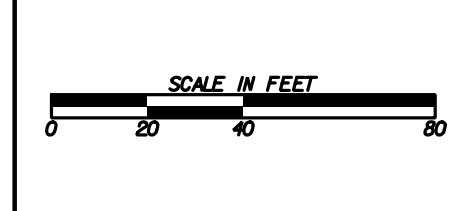
MATCH LINE STA. 304+50.00  
SEE DRAWING No. 24-0001

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR	
& MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS.....BLA	
END LIMIT OF ACCESS.....ELA	
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Drawing Copyright © 2020

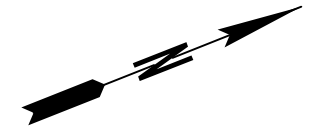
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



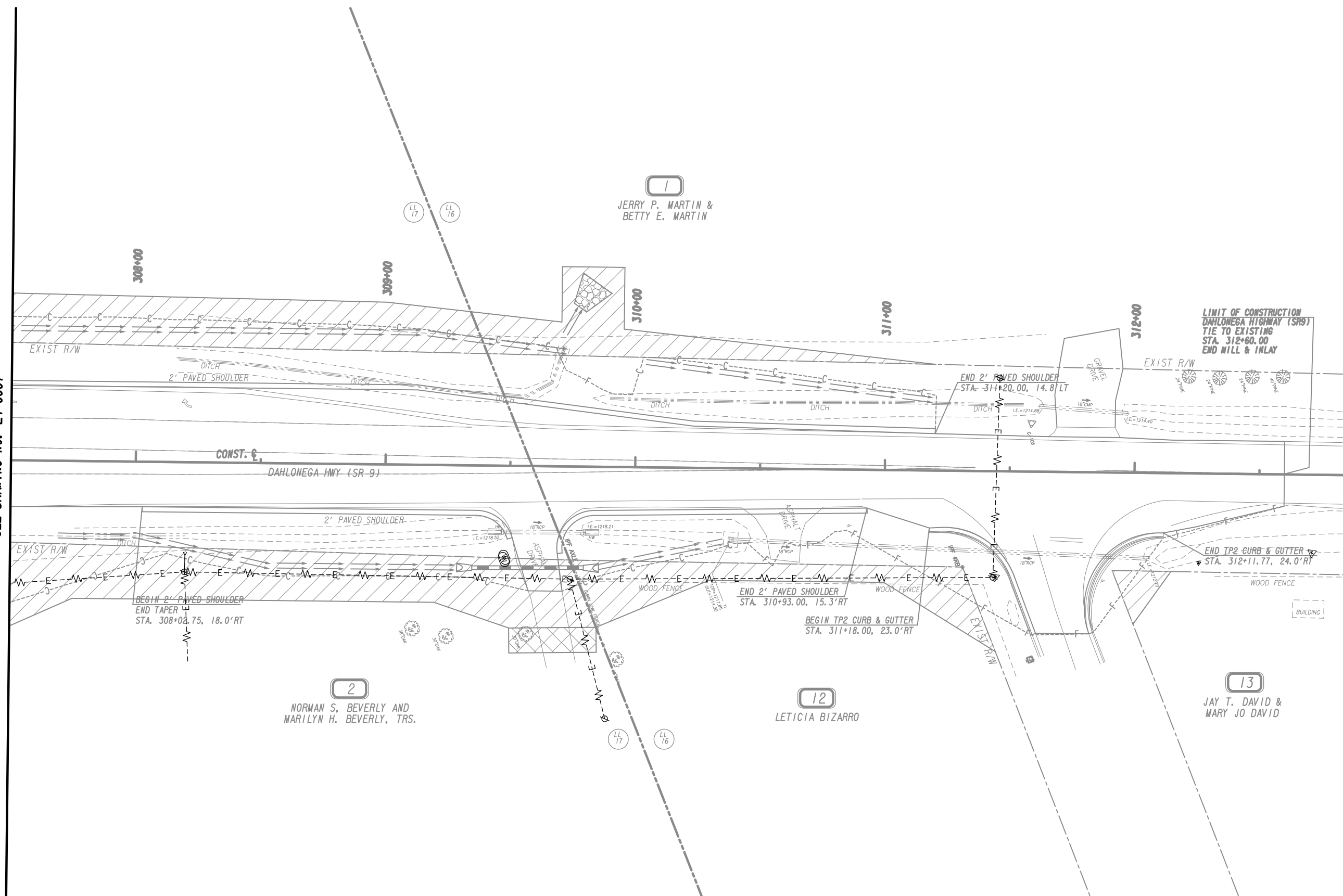
REVISION DATES	

**UTILITY PLANS**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

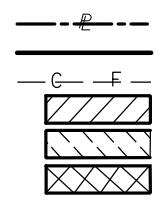
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0013
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 307+50.00  
SEE DRAWING No. 24-0001

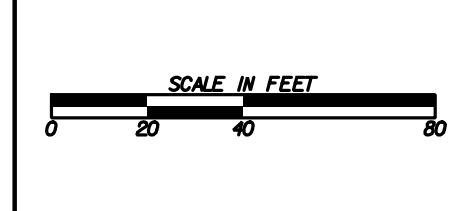


PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES



BEGIN LIMIT OF ACCESS.....BLA  
END LIMIT OF ACCESS.....ELA  
LIMIT OF ACCESS  
REQ'D R/W & LIMIT OF ACCESS  
ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)

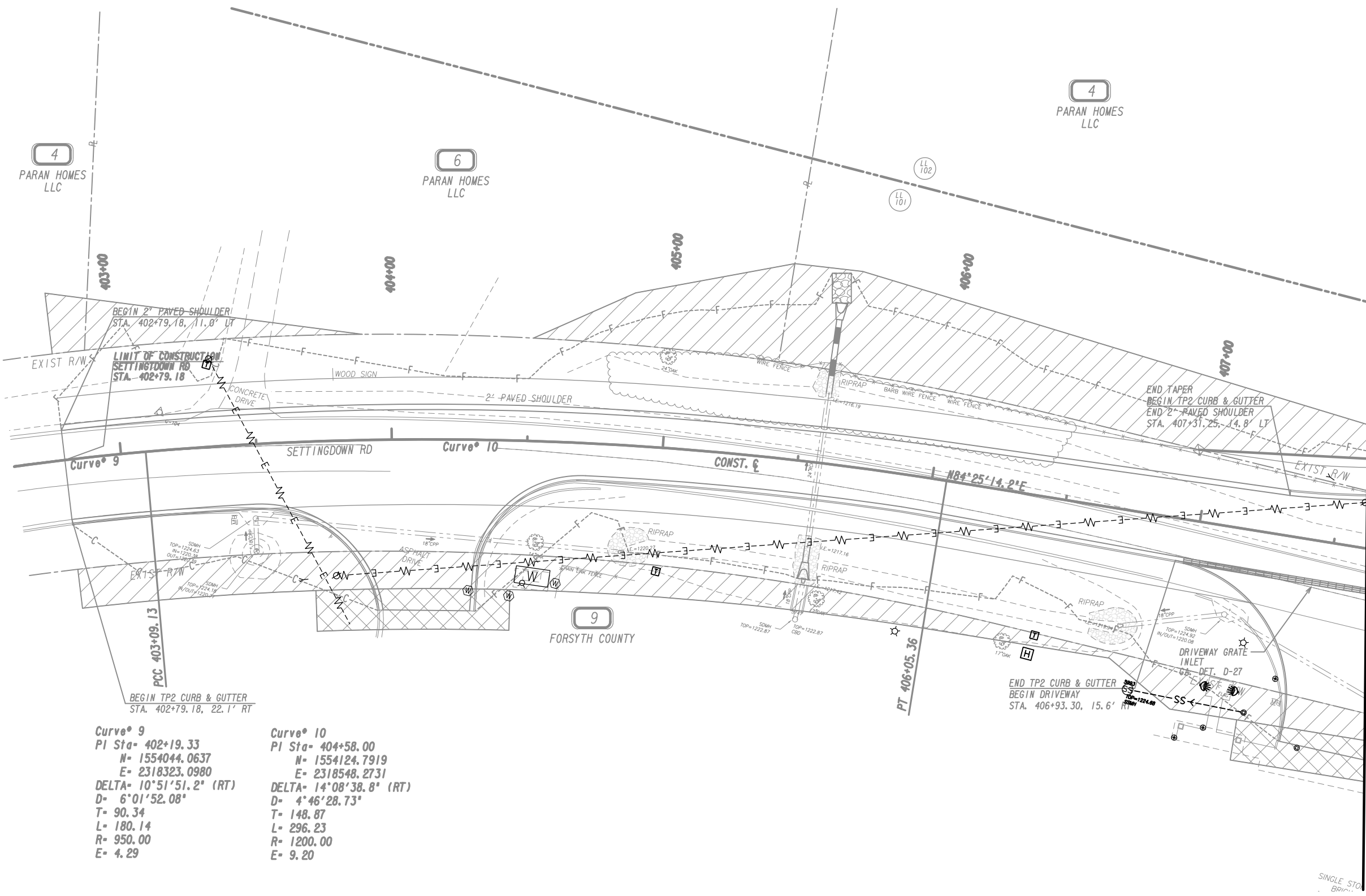
Drawing Copyright © 2020  
**CHA**  
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com



REVISION DATES	

**UTILITY PLANS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		24-0014
CORRECTED:		DATE:		
VERIFIED:		DATE:		



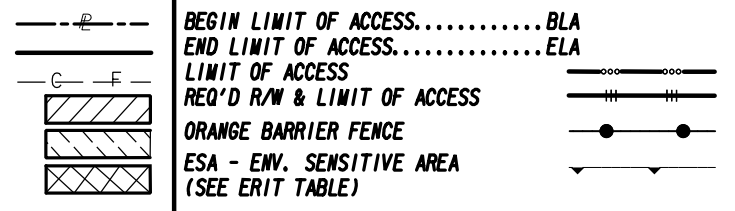
MATCH LINE STA. 407+50.00  
SEE DRAWING NO. 24-0007



**Curve\* 9**  
 PI Sta- 402+19.33  
 N= 1554044.0637  
 E= 2318323.0980  
 DELTA- 10°51'51.2" (RT)  
 D= 6°01'52.08"  
 T= 90.34  
 L= 180.14  
 R= 950.00  
 E= 4.29

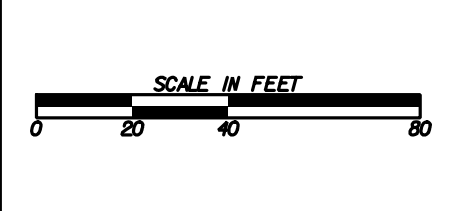
**Curve\* 10**  
 PI Sta- 404+58.00  
 N= 1554124.7919  
 E= 2318548.2731  
 DELTA- 14°08'38.8" (RT)  
 D= 4°46'28.73"  
 T= 148.87  
 L= 296.23  
 R= 1200.00  
 E= 9.20

PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



Drawing Copyright © 2020

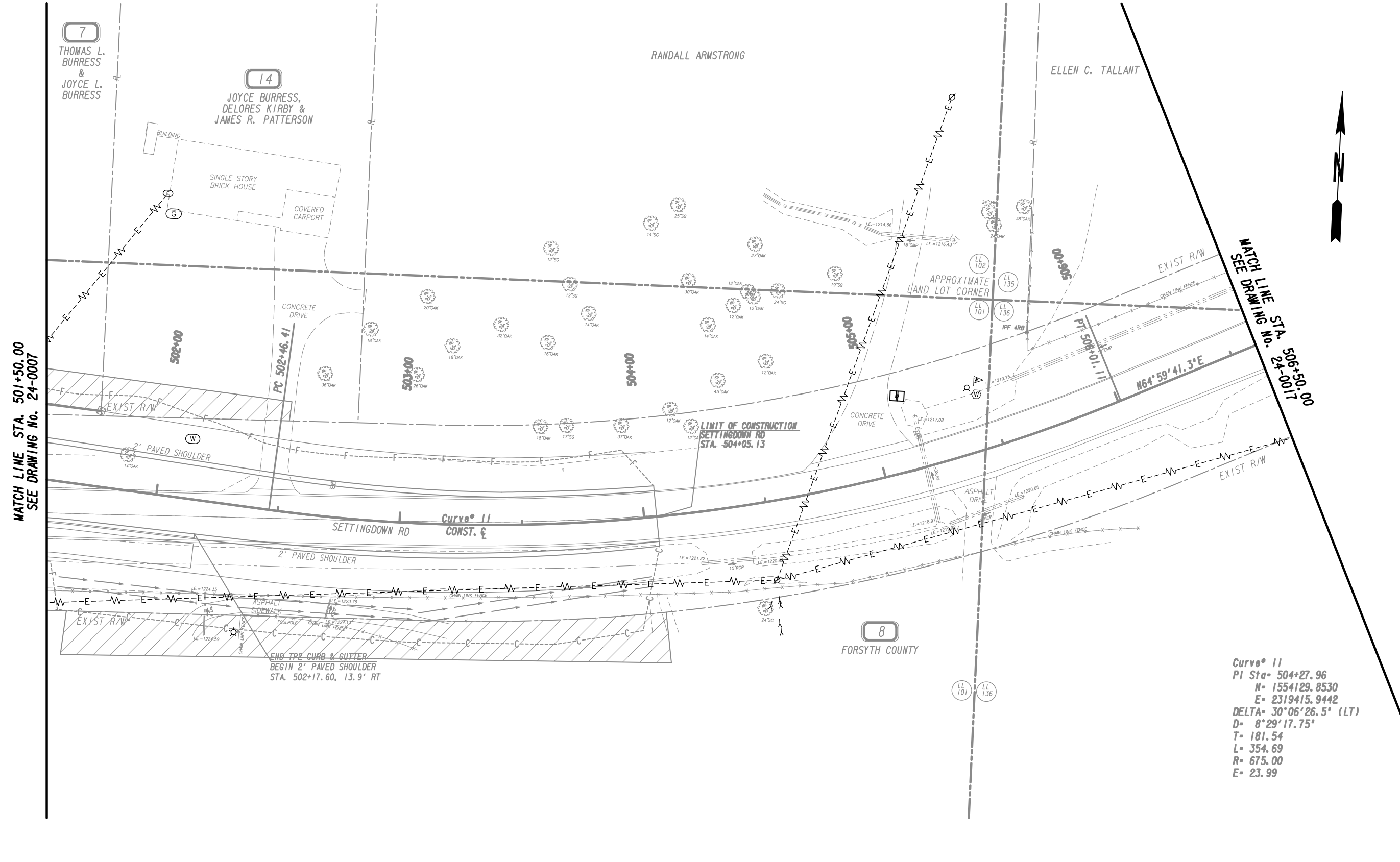
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**UTILITY PLANS**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0015
CORRECTED:	DATE:	
VERIFIED:	DATE:	

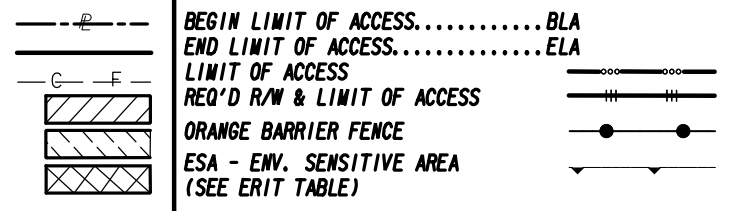


MATCH LINE STA. 501+50.00  
SEE DRAWING NO. 24-0007

MATCH LINE STA. 506+50.00  
SEE DRAWING NO. 24-0017

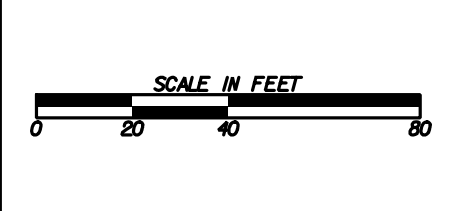
Curve # 11  
 PI Sta- 504+27.96  
 N= 1554129.8530  
 E= 2319415.9442  
 DELTA= 30°06'26.5" (LT)  
 D= 8°29'17.75"  
 T= 181.54  
 L= 354.69  
 R= 675.00  
 E= 23.99

PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



Drawing Copyright © 2020

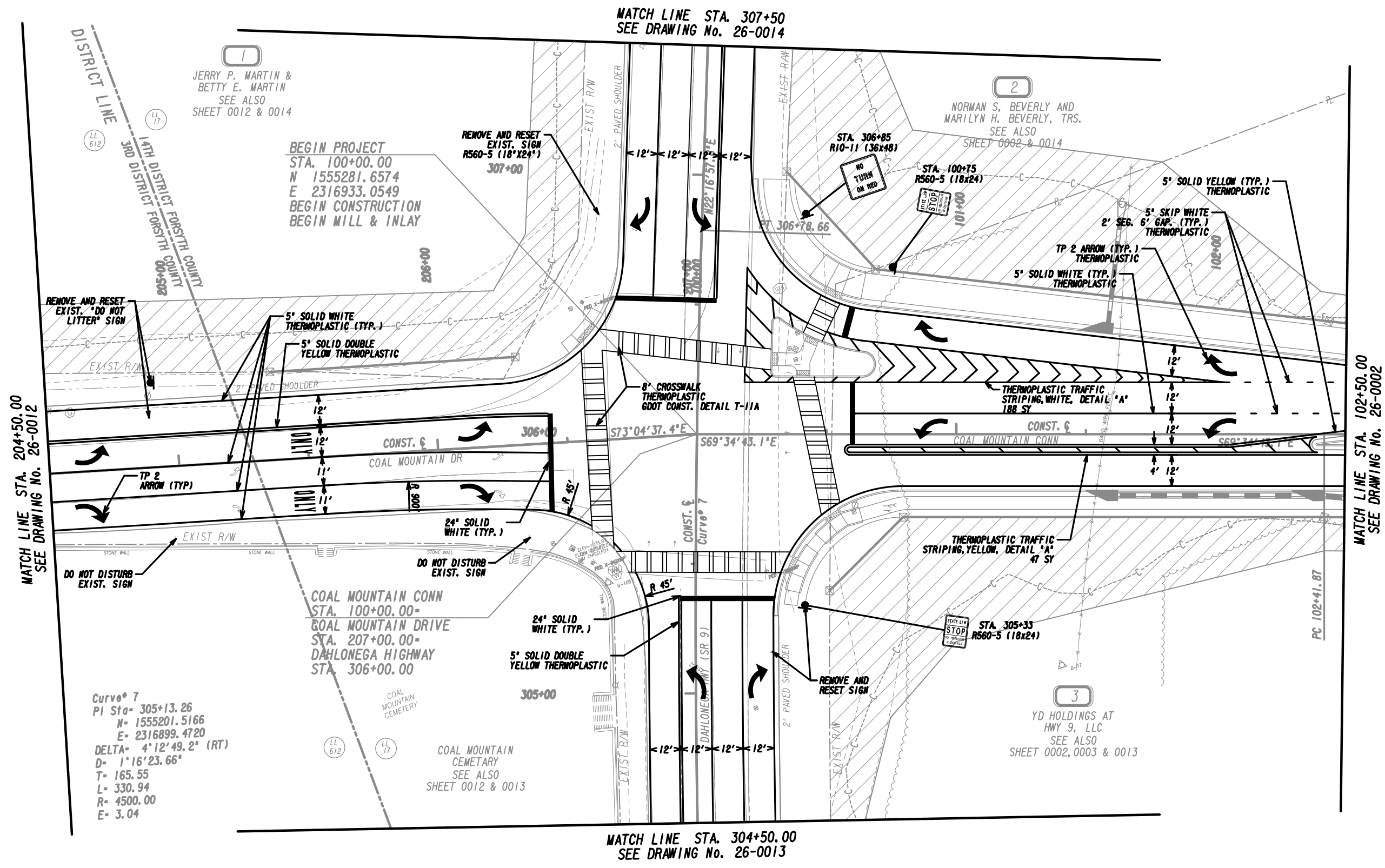
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**UTILITY PLANS**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0016
CORRECTED:	DATE:	
VERIFIED:	DATE:	



PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES

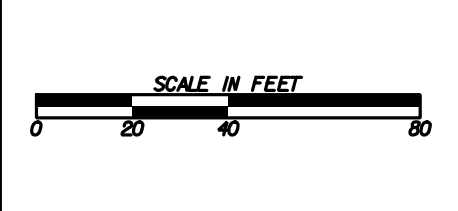
	---
	---
	---
	---
	---
	---

BEGIN LIMIT OF ACCESS.....BLA  
END LIMIT OF ACCESS.....ELA  
LIMIT OF ACCESS  
REQ'D R/W & LIMIT OF ACCESS  
ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)

	---
	---
	---
	---
	---
	---

Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com



REVISION DATES

NO.	DATE	DESCRIPTION

**SIGNING AND MARKING PLANS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	

2  
NORMAN S. BEVERLY &  
MARILYN H. BEVERLY, TRS.  
SEE ALSO  
SHEET 0001 & 0014

STA. 102+63  
R4-7 (24x30)

STA. 105+50  
W3-3 (48x48)  
W16-8aP (54x8)

STA. 103+00  
R2-1 (36x48)

MATCH LINE STA. 102+50.00  
SEE DRAWING NO. 26-0001

MATCH LINE STA. 107+50.00  
SEE DRAWING NO. 26-0003

Curve<sup>o</sup> 1  
PI Sta- 104+24.52  
N- 1555133.5341  
E- 2317330.8922  
DELTA- 30°16'55.6" (RT)  
D- 8'29"17.75"  
T- 182.65  
L- 356.75  
R- 675.00  
E- 24.27

3  
YD HOLDINGS AT  
HWY 9, LLC  
SEE ALSO  
SHEET 0001, 0003 & 0013

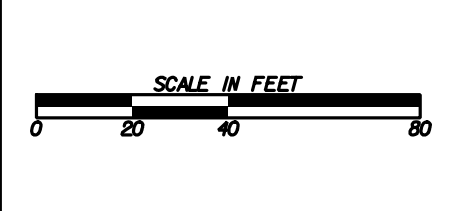
PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR	---
& MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	---

Drawing Copyright © 2020



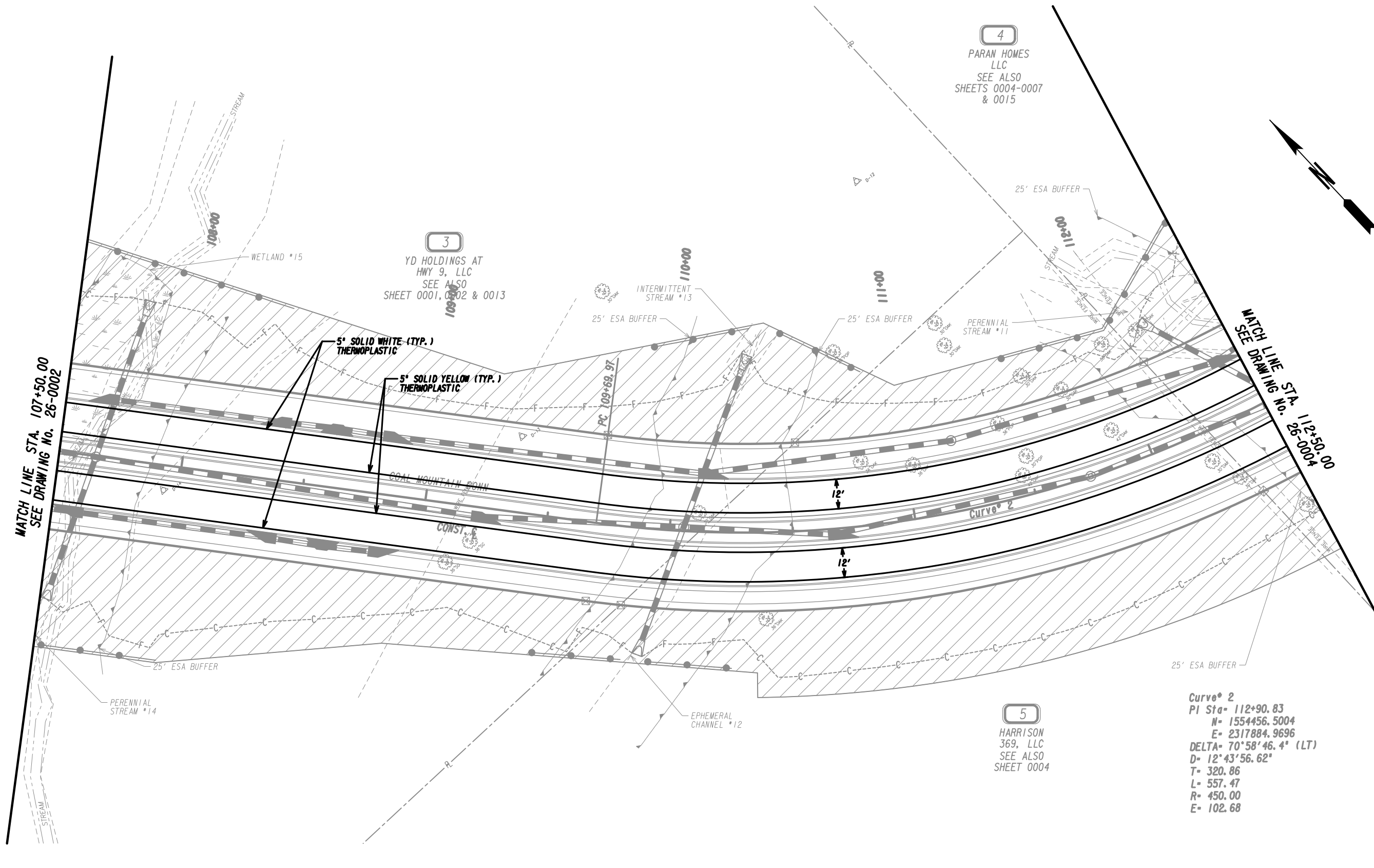
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com



REVISION DATES	

**SIGNING AND MARKING PLANS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0002
CORRECTED:	DATE:	
VERIFIED:	DATE:	

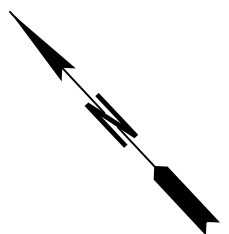


4  
 PARAN HOMES  
 LLC  
 SEE ALSO  
 SHEETS 0004-0007  
 & 0015

3  
 YD HOLDINGS AT  
 HWY 9, LLC  
 SEE ALSO  
 SHEET 0001, 0002 & 0013

5  
 HARRISON  
 369, LLC  
 SEE ALSO  
 SHEET 0004

Curve # 2  
 PI Sta= 112+90.83  
 N= 1554456.5004  
 E= 2317884.9696  
 DELTA= 70°58'46.4" (LT)  
 D= 12'43'56.62"  
 T= 320.86  
 L= 557.47  
 R= 450.00  
 E= 102.68

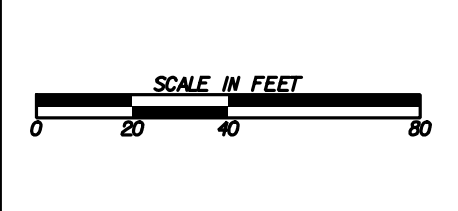


PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR	---
& MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	---

Drawing Copyright © 2020

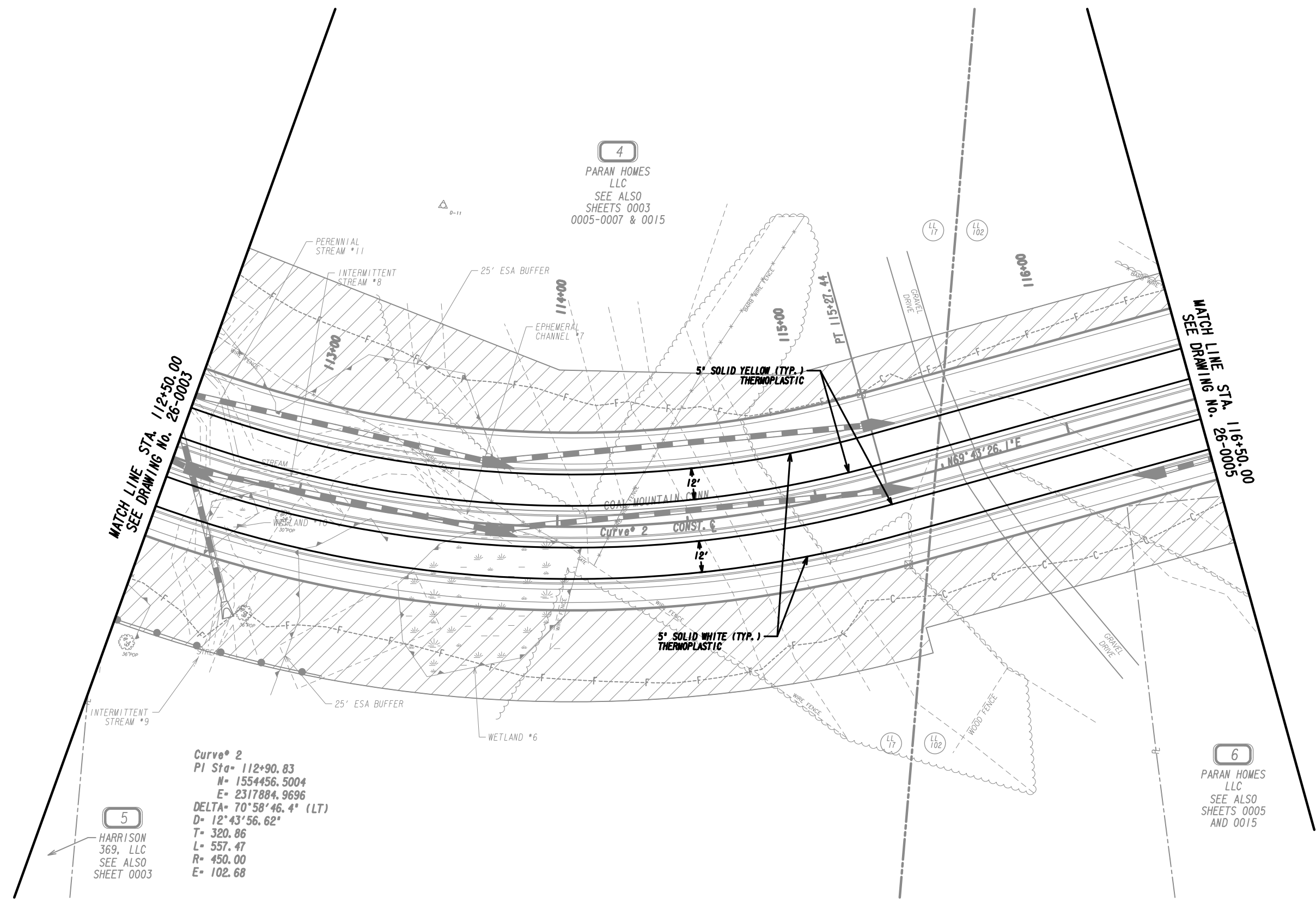
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**SIGNING AND MARKING PLANS**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0003
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 112+50.00  
SEE DRAWING No. 26-0003

MATCH LINE STA. 116+50.00  
SEE DRAWING No. 26-0005

5  
HARRISON  
369, LLC  
SEE ALSO  
SHEET 0003

Curve 2  
PI Sta- 112+90.83  
N- 1554456.5004  
E- 2317884.9696  
DELTA- 70°58'46.4" (LT)  
D- 12'43'56.62"  
T- 320.86  
L- 557.47  
R- 450.00  
E- 102.68

6  
PARAN HOMES  
LLC  
SEE ALSO  
SHEETS 0005  
AND 0015

PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES

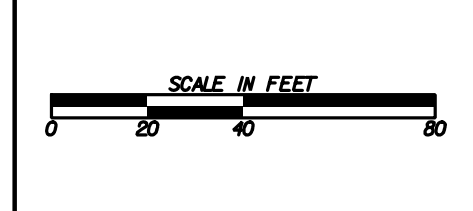
---	---
---	---
---	---
---	---
---	---
---	---

BEGIN LIMIT OF ACCESS.....BLA  
END LIMIT OF ACCESS.....ELA  
LIMIT OF ACCESS  
REQ'D R/W & LIMIT OF ACCESS  
ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)

---	---
---	---
---	---
---	---
---	---

Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com



REVISION DATES


**SIGNING AND MARKING PLANS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		26-0004
CORRECTED:		DATE:		
VERIFIED:		DATE:		



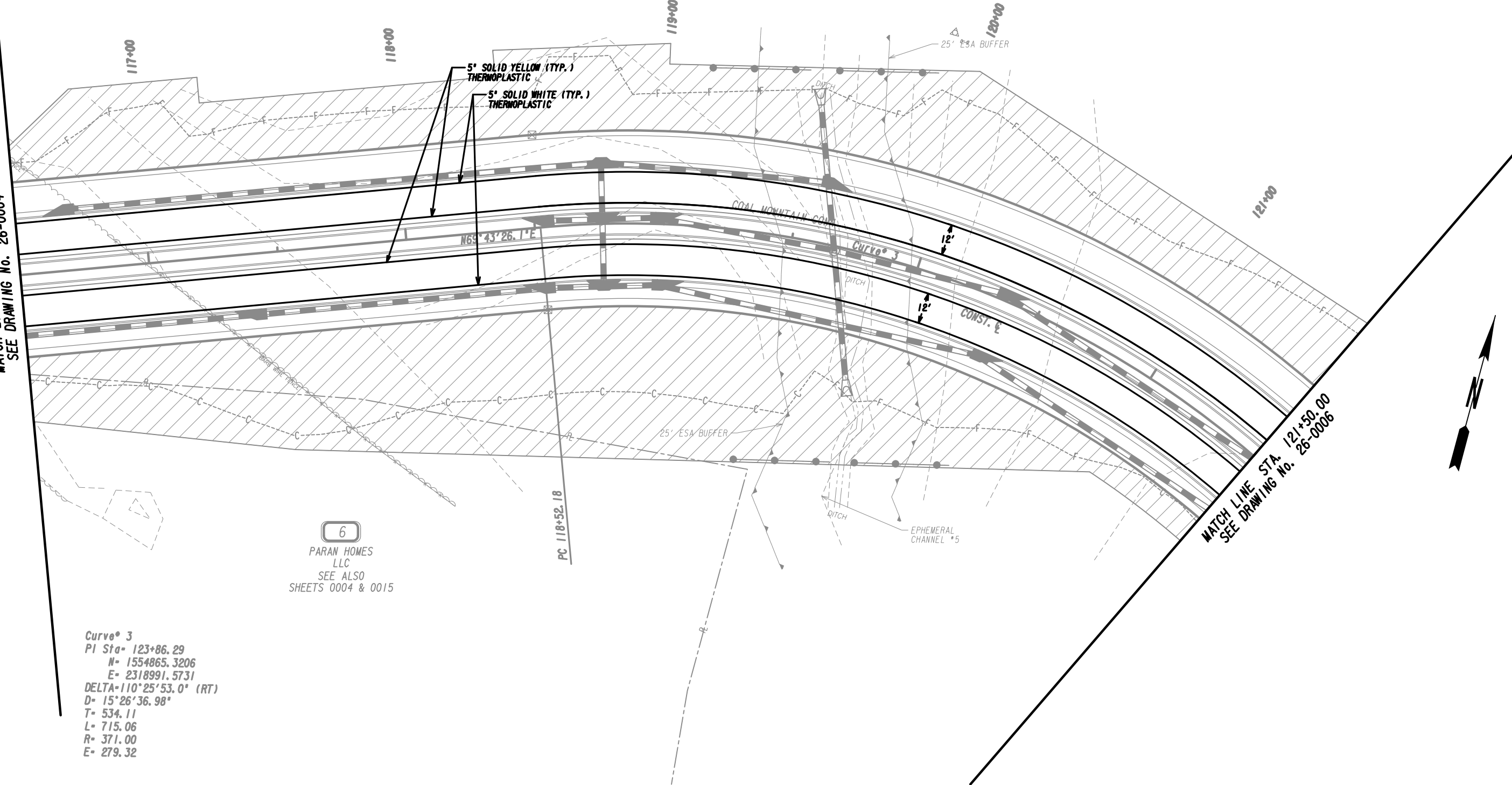
4  
PARAN HOMES  
LLC  
SEE ALSO  
SHEETS 0003-0004  
0006-0007 & 0015

6  
PARAN HOMES  
LLC  
SEE ALSO  
SHEETS 0004 & 0015

Curve 3  
PI Sta= 123+86.29  
N= 1554865.3206  
E= 2318991.5731  
DELTA=110°25'53.0" (RT)  
D= 15°26'36.98"  
T= 534.11  
L= 715.06  
R= 371.00  
E= 279.32

MATCH LINE STA. 116+50.00  
SEE DRAWING No. 26-0004

MATCH LINE STA. 121+50.00  
SEE DRAWING No. 26-0006

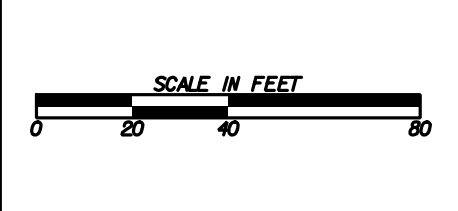


PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR	---
& MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	---

Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com



REVISION DATES	

**SIGNING AND MARKING PLANS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0005
CORRECTED:	DATE:	
VERIFIED:	DATE:	

7  
THOMAS L. BURRESS &  
JOYCE L. BURRESS  
SEE ALSO  
SHEETS 0007 & 0016

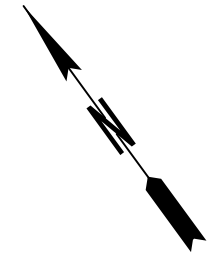
4  
PARAN HOMES  
LLC  
SEE ALSO  
SHEETS 0003-0005  
0007 & 0015

Curve 3  
PI Sta= 123+86.29  
N= 1554865.3206  
E= 2318991.5731  
DELTA=110°25'53.0" (RT)  
D= 15°26'36.98"  
T= 534.11  
L= 715.06  
R= 371.00  
E= 279.32

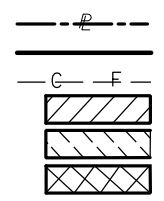
STA. 122+75  
W2-6 (36x36)  
W16-9P (24x12)

MATCH LINE STA. 121+50.00  
SEE DRAWING No. 26-0005

MATCH LINE STA. 124+50.00  
SEE DRAWING No. 26-0007

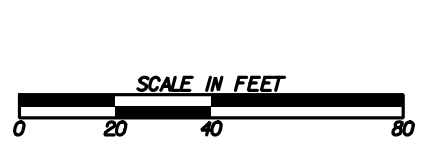


PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES



BEGIN LIMIT OF ACCESS.....BLA  
END LIMIT OF ACCESS.....ELA  
LIMIT OF ACCESS  
REQ'D R/W & LIMIT OF ACCESS  
ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)

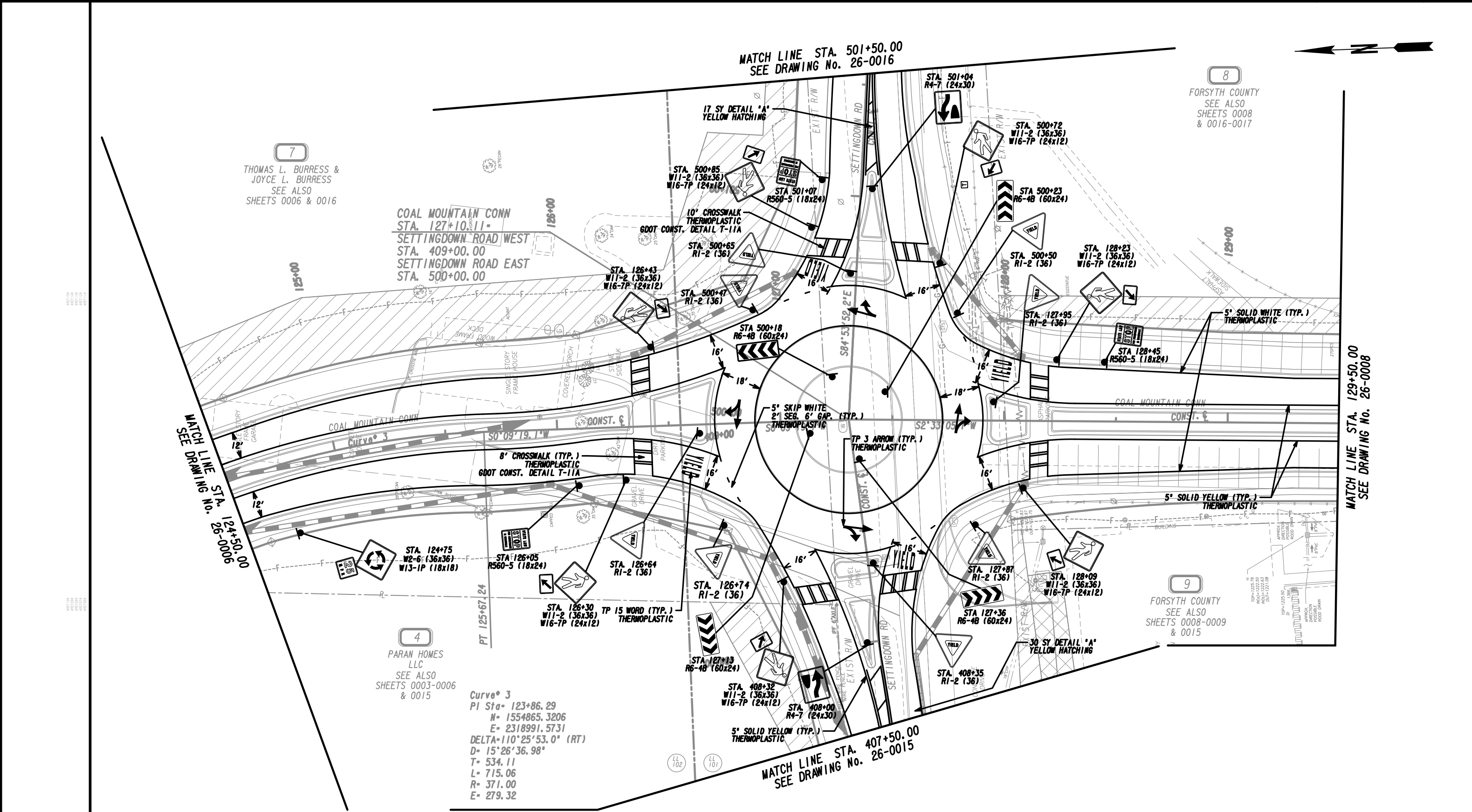
474  
Drawing Copyright © 2020  
**CHA**  
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com



REVISION DATES	

**SIGNING AND MARKING PLANS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		26-0006
CORRECTED:		DATE:		
VERIFIED:		DATE:		



7  
 THOMAS L. BURRESS &  
 JOYCE L. BURRESS  
 SEE ALSO  
 SHEETS 0006 & 0016

COAL MOUNTAIN CONN  
 STA. 127+10.11-  
 SETTINGDOWN ROAD WEST  
 STA. 409+00.00  
 SETTINGDOWN ROAD EAST  
 STA. 500+00.00

MATCH LINE STA. 124+50.00  
 SEE DRAWING No. 26-0006

4  
 PARAN HOMES  
 LLC  
 SEE ALSO  
 SHEETS 0003-0006  
 & 0015

Curve\* 3  
 PI Sta= 123+86.29  
 M= 1554865.3206  
 E= 2318991.5731  
 DELTA=110°25'53.0" (RT)  
 D= 15°26'36.98"  
 T= 534.11  
 L= 715.06  
 R= 371.00  
 E= 279.32

8  
 FORSYTH COUNTY  
 SEE ALSO  
 SHEETS 0008  
 & 0016-0017

9  
 FORSYTH COUNTY  
 SEE ALSO  
 SHEETS 0008-0009  
 & 0015

MATCH LINE STA. 129+50.00  
 SEE DRAWING No. 26-0008

MATCH LINE STA. 501+50.00  
 SEE DRAWING No. 26-0016

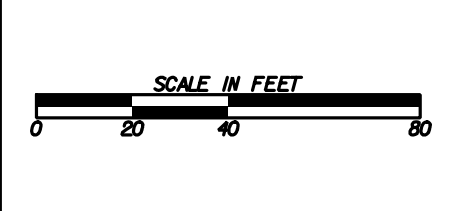
MATCH LINE STA. 407+50.00  
 SEE DRAWING No. 26-0015

PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR	---
& MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	---

Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com

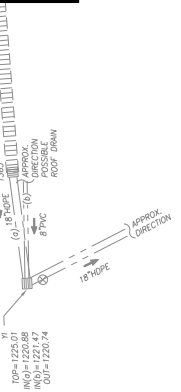
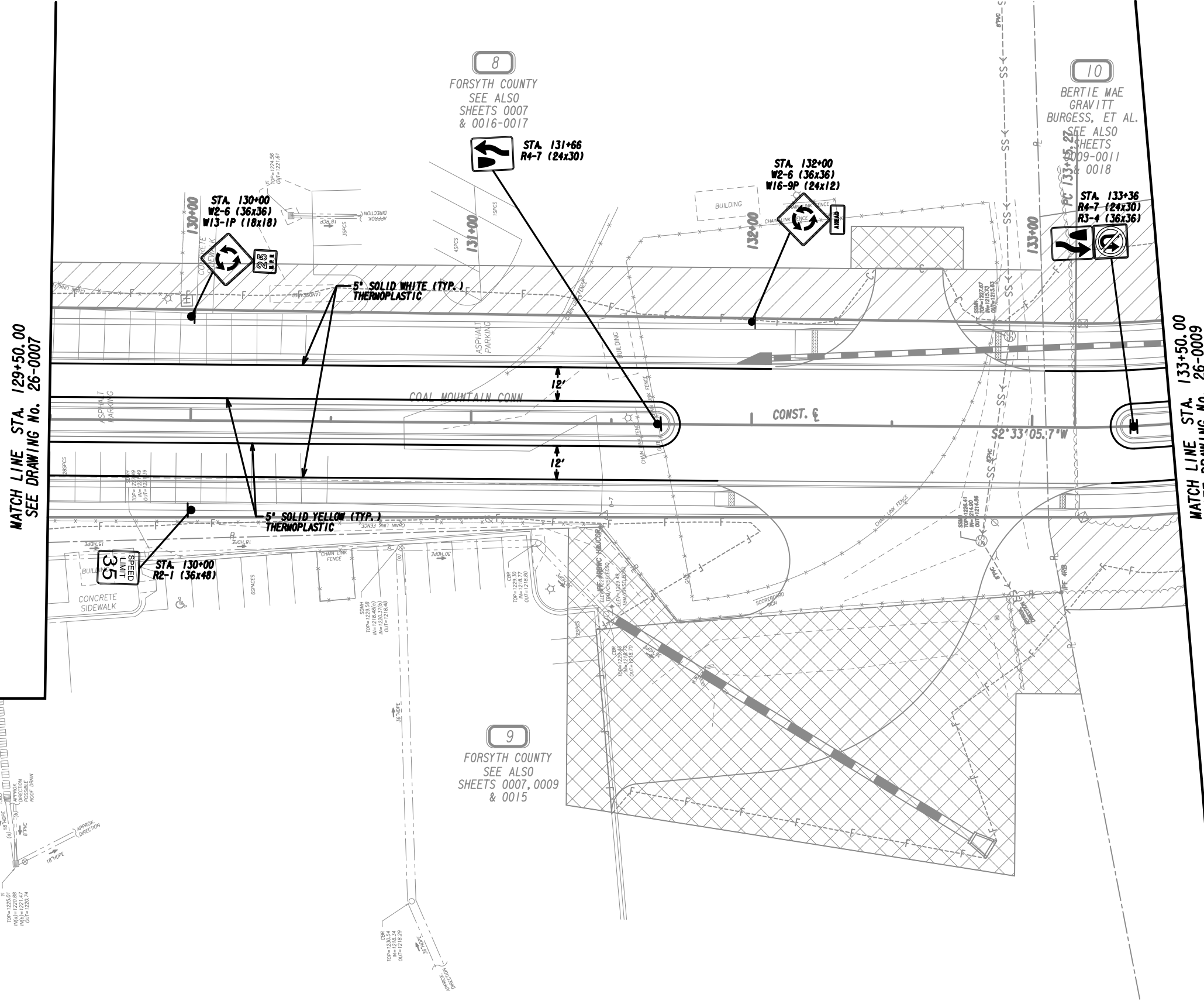


REVISION DATES	

SIGNING AND MARKING PLANS COAL MOUNTAIN CONNECTOR FROM SR 9 TO SR 369			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			26-0007

MATCH LINE STA. 129+50.00  
SEE DRAWING No. 26-0007

MATCH LINE STA. 133+50.00  
SEE DRAWING No. 26-0009

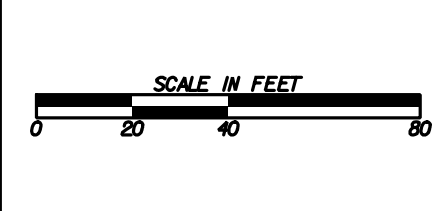


PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR	---
& MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA	---
(SEE ERIT TABLE)	---

Drawing Copyright © 2020

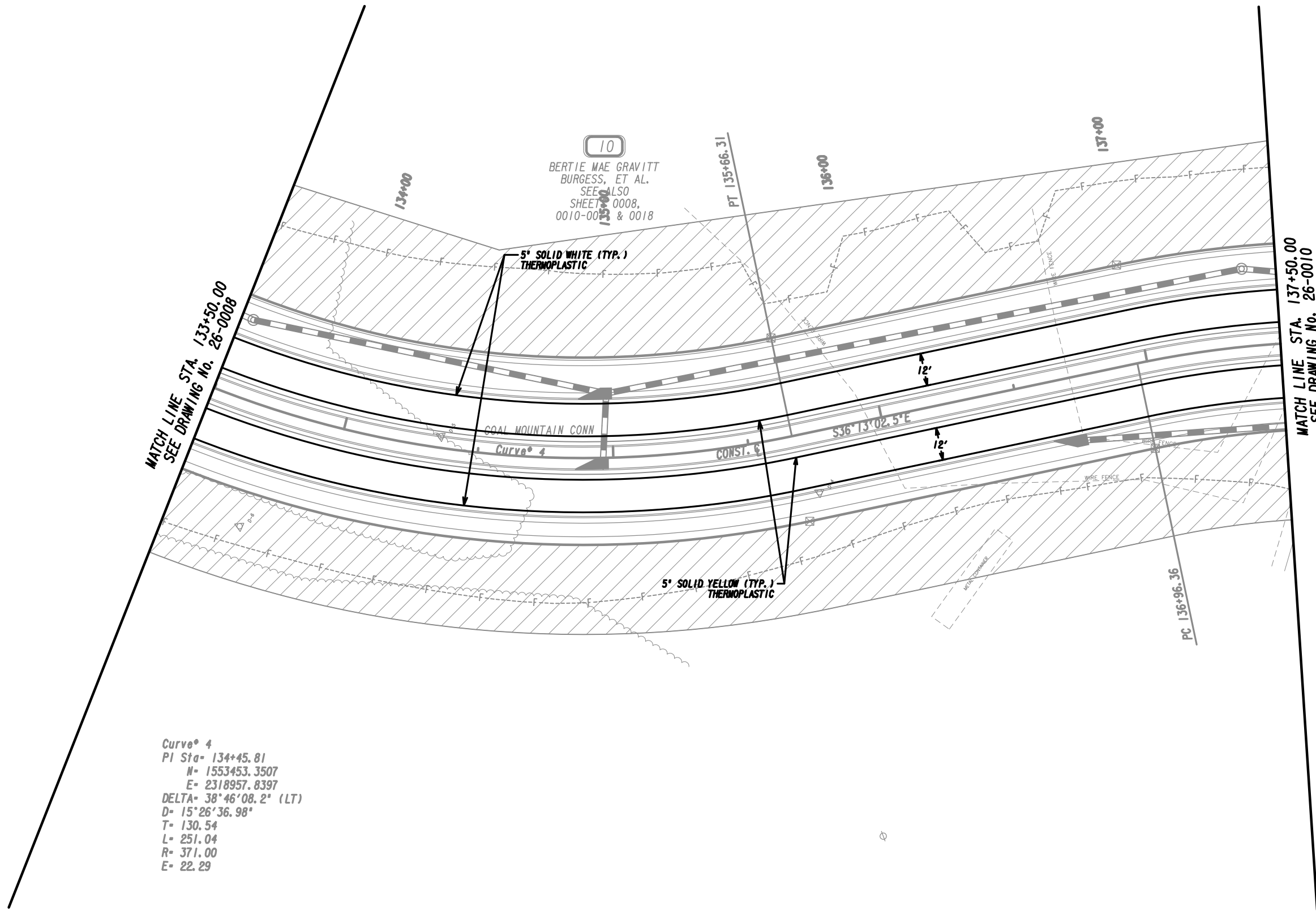
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com



REVISION DATES	

**SIGNING AND MARKING PLANS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0008
CORRECTED:	DATE:	
VERIFIED:	DATE:	

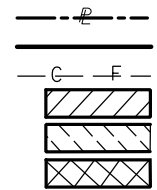


MATCH LINE STA. 133+50.00  
SEE DRAWING No. 26-0008

MATCH LINE STA. 137+50.00  
SEE DRAWING No. 26-0010

Curve 4  
 PI Sta= 134+45.81  
 N= 1553453.3507  
 E= 2318957.8397  
 DELTA= 38°46'08.2" (LT)  
 D= 15°26'36.98"  
 T= 130.54  
 L= 251.04  
 R= 371.00  
 E= 22.29

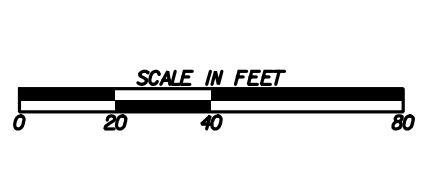
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)

Drawing Copyright © 2020

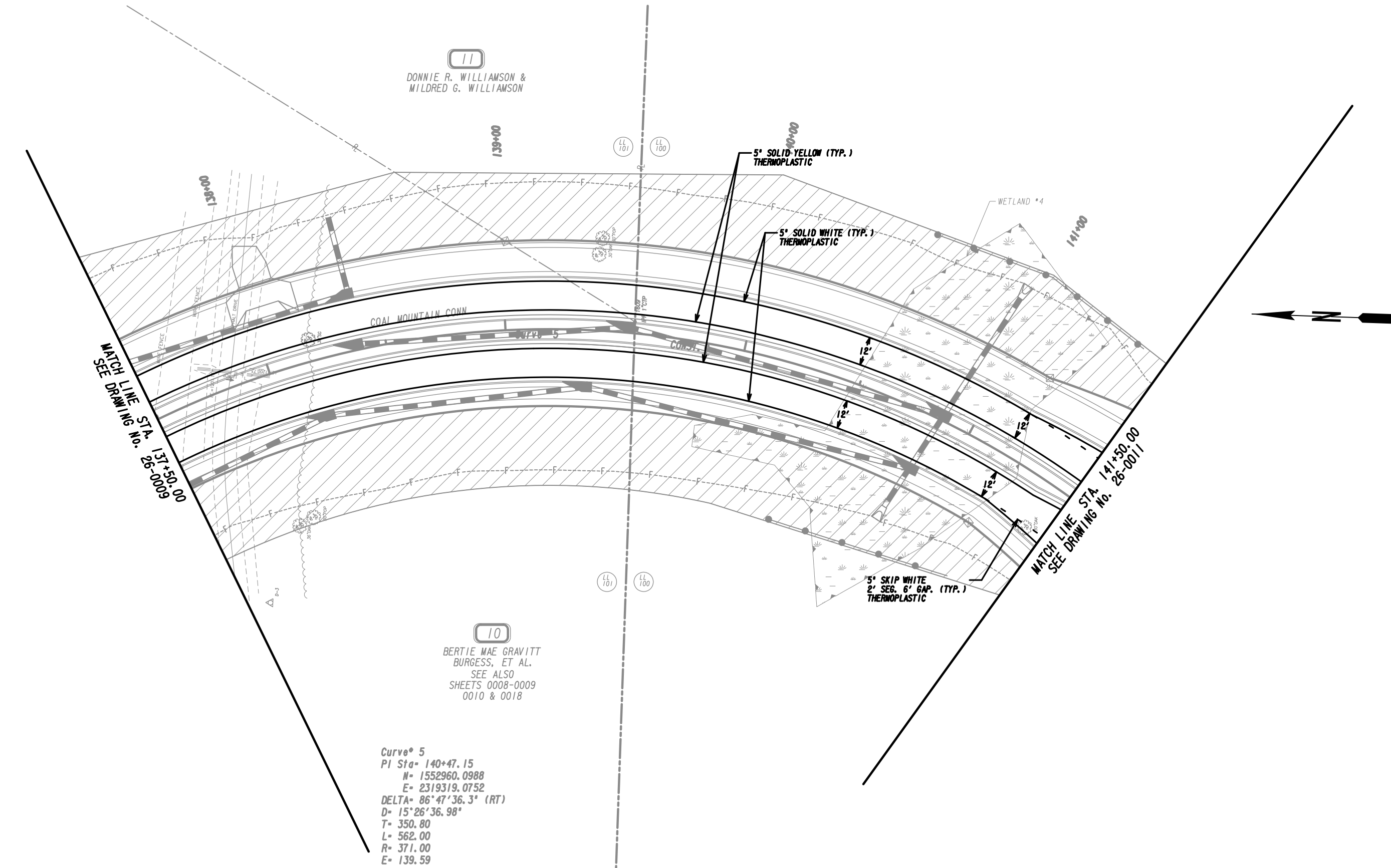
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**SIGNING AND MARKING PLANS**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0009
CORRECTED:	DATE:	
VERIFIED:	DATE:	



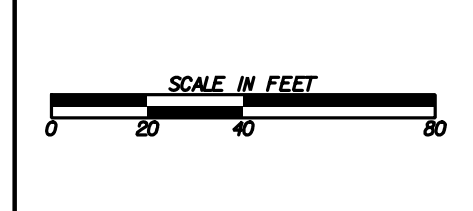
Curve # 5  
 PI Sta- 140+47.15  
 M- 1552960.0988  
 E- 2319319.0752  
 DELTA- 86°47'36.3" (RT)  
 D- 15°26'36.98"  
 T- 350.80  
 L- 562.00  
 R- 371.00  
 E- 139.59

PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR	---
& MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA	---
(SEE ERIT TABLE)	---

Drawing Copyright © 2020

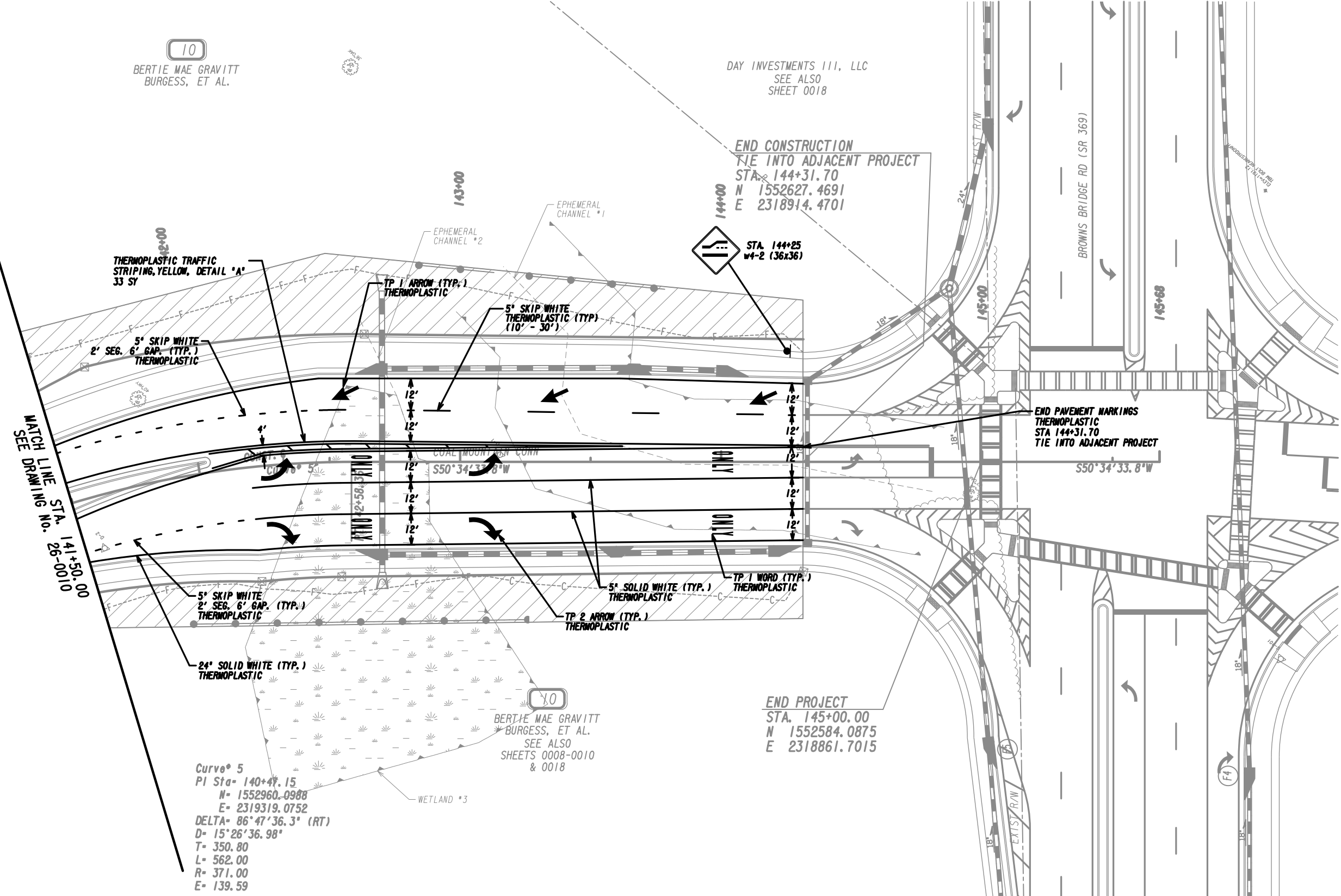
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**SIGNING AND MARKING PLANS**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0010
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 141+50.00  
SEE DRAWING No. 26-0010

10  
BERTIE MAE GRAVITT  
BURGESS, ET AL.

DAY INVESTMENTS III, LLC  
SEE ALSO  
SHEET 0018

END CONSTRUCTION  
TIE INTO ADJACENT PROJECT  
STA. 144+31.70  
N 1552627.4691  
E 2318914.4701

END PAVEMENT MARKINGS  
THERMOPLASTIC  
STA 144+31.70  
TIE INTO ADJACENT PROJECT  
S50°34'33.8"W

END PROJECT  
STA. 145+00.00  
N 1552584.0875  
E 2318861.7015

Curve 5  
PI Sta- 140+47.15  
N- 1552960.0988  
E- 2319319.0752  
DELTA- 86°47'36.3" (RT)  
D- 15°26'36.98"  
T- 350.80  
L- 562.00  
R- 371.00  
E- 139.59

10  
BERTIE MAE GRAVITT  
BURGESS, ET AL.  
SEE ALSO  
SHEETS 0008-0010  
& 0018

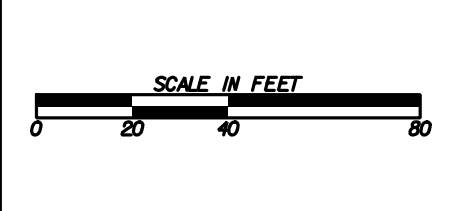
PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES

---P---  
---G---F---  
[Hatched Box]  
[Hatched Box]  
[Hatched Box]

BEGIN LIMIT OF ACCESS.....BLA  
END LIMIT OF ACCESS.....ELA  
LIMIT OF ACCESS  
REQ'D R/W & LIMIT OF ACCESS  
ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)

Drawing Copyright © 2020

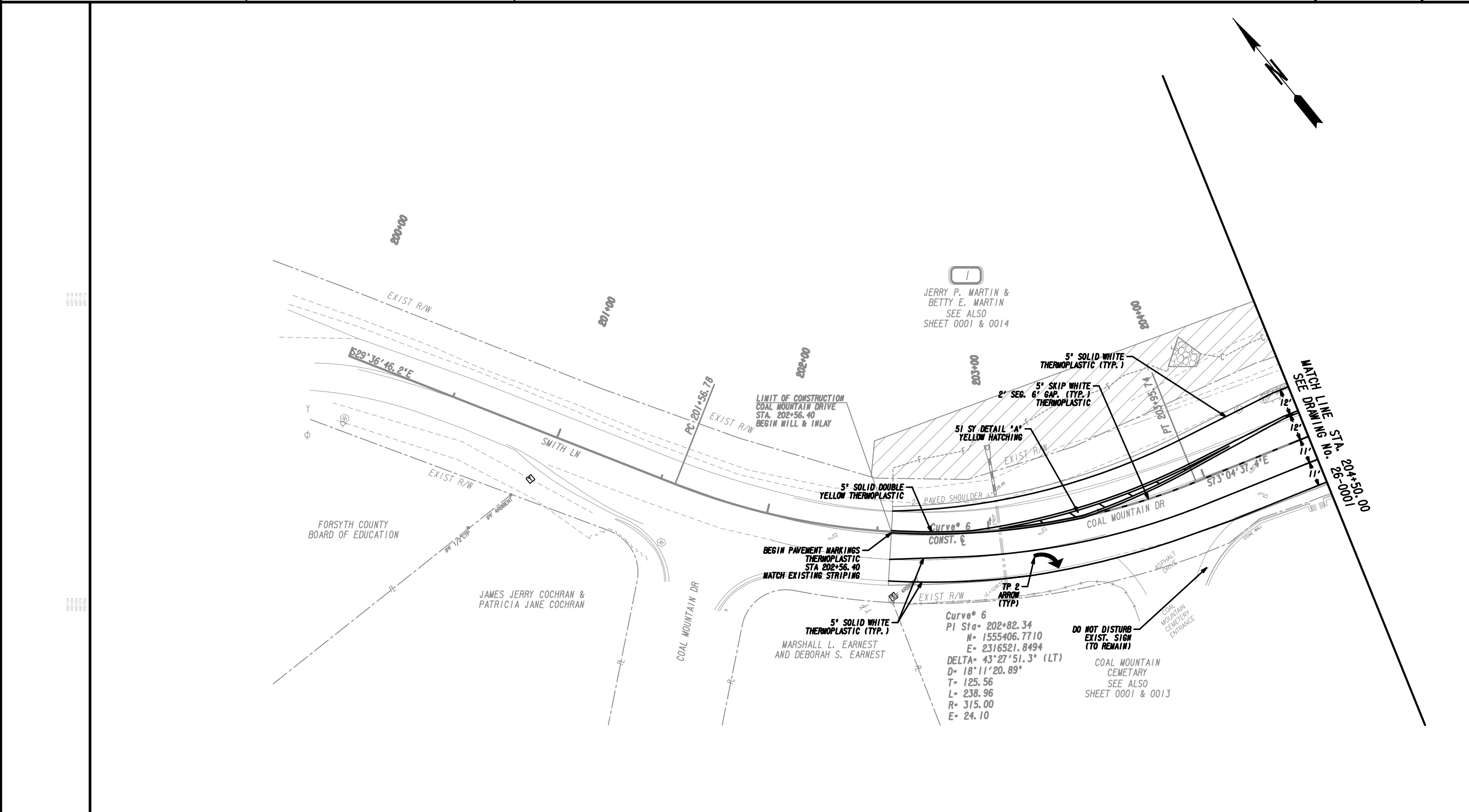
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com



REVISION DATES	

**SIGNING AND MARKING PLANS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0011
CORRECTED:	DATE:	
VERIFIED:	DATE:	

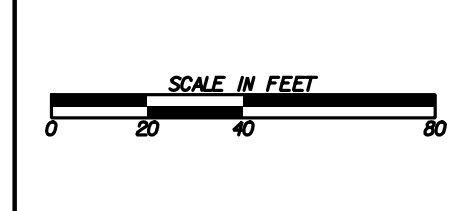


PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES


BEGIN LIMIT OF ACCESS.....BLA  
END LIMIT OF ACCESS.....ELA  
LIMIT OF ACCESS  
REQ'D R/W & LIMIT OF ACCESS  
ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)


Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

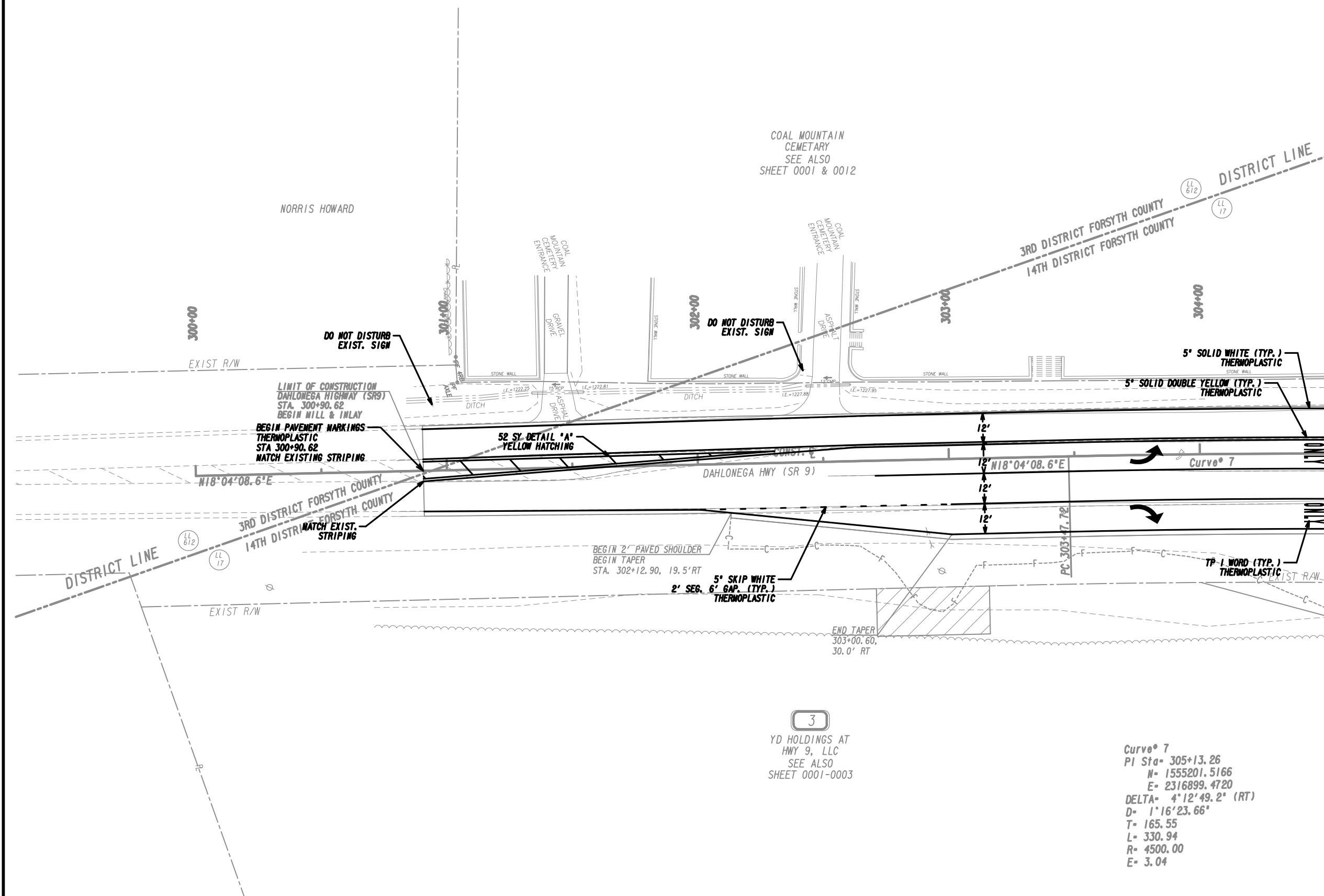
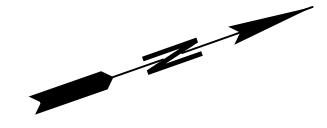


REVISION DATES


**SIGNING AND MARKING PLANS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0012
CORRECTED:	DATE:	
VERIFIED:	DATE:	





MATCH LINE STA. 304+50.00  
SEE DRAWING No. 26-0001

Curve 7  
 PI Sta= 305+13.26  
 N= 1555201.5166  
 E= 2316899.4720  
 DELTA= 4°12'49.2" (RT)  
 D= 1'16"23.66"  
 T= 165.55  
 L= 330.94  
 R= 4500.00  
 E= 3.04

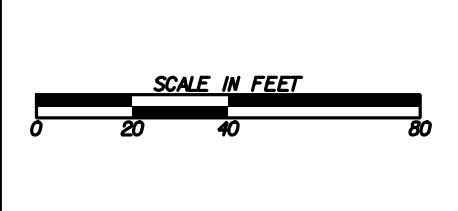
3  
YD HOLDINGS AT  
HWY 9, LLC  
SEE ALSO  
SHEET 0001-0003

PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)

Drawing Copyright © 2020

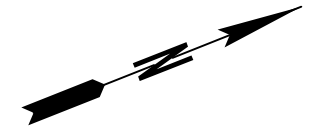
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES


**SIGNING AND MARKING PLANS**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		26-0013
CORRECTED:		DATE:		
VERIFIED:		DATE:		



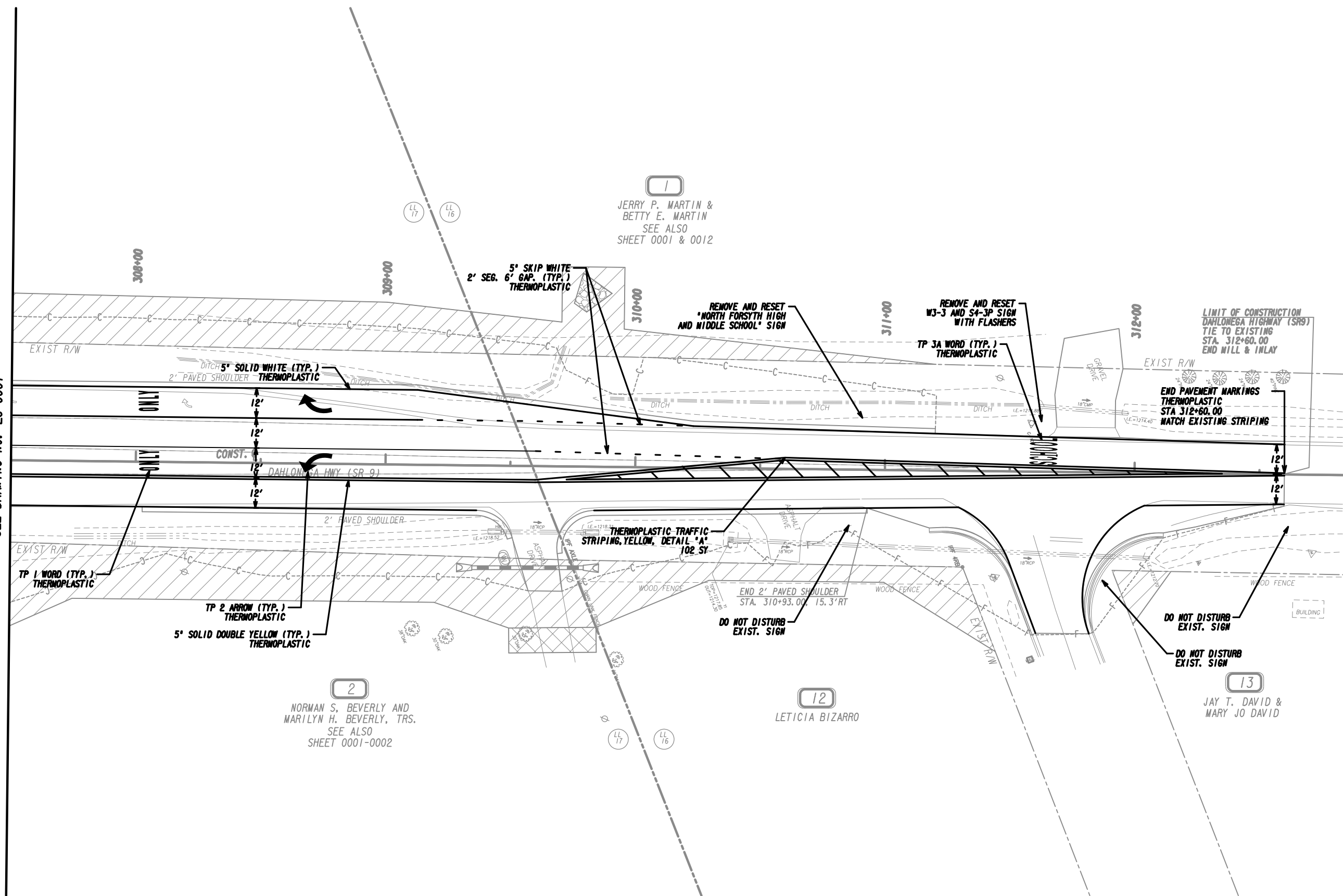
1  
JERRY P. MARTIN &  
BETTY E. MARTIN  
SEE ALSO  
SHEET 0001 & 0012

2  
NORMAN S. BEVERLY AND  
MARILYN H. BEVERLY, TRS.  
SEE ALSO  
SHEET 0001-0002

12  
LETICIA BIZARRO

13  
JAY T. DAVID &  
MARY JO DAVID

MATCH LINE STA. 307+50.00  
SEE DRAWING No. 26-0001

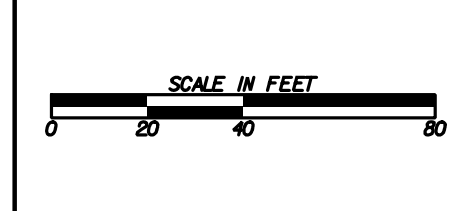


PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR	---
& MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	---

Drawing Copyright © 2020

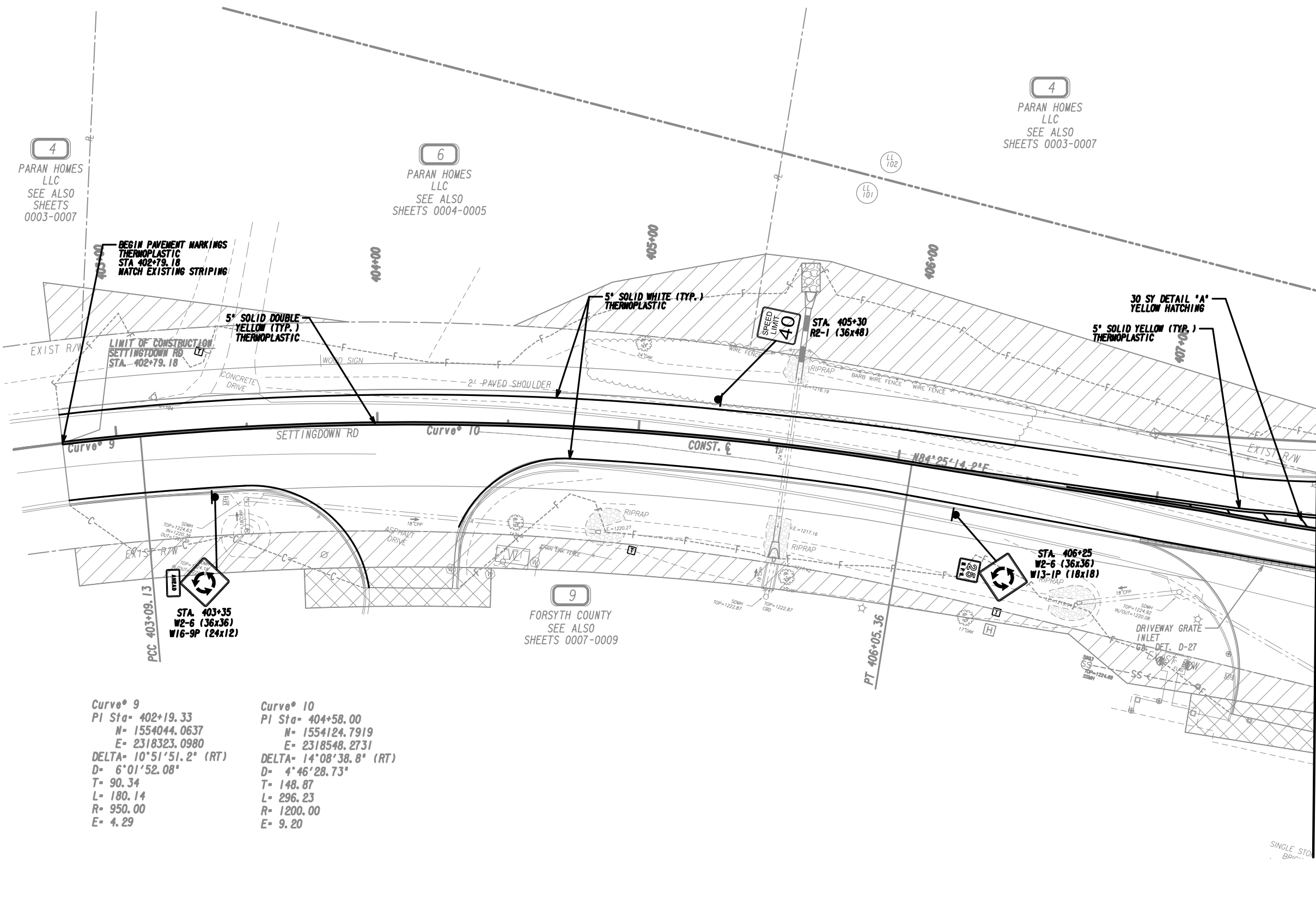
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com



REVISION DATES	

**SIGNING AND MARKING PLANS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0014
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 407+50.00  
SEE DRAWING NO. 26-0007

**Curve 9**  
 PI Sta- 402+19.33  
 N= 1554044.0637  
 E= 2318323.0980  
 DELTA- 10°51'51.2" (RT)  
 D= 6°01'52.08"  
 T= 90.34  
 L= 180.14  
 R= 950.00  
 E= 4.29

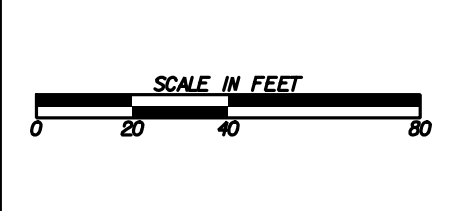
**Curve 10**  
 PI Sta- 404+58.00  
 N= 1554124.7919  
 E= 2318548.2731  
 DELTA- 14°08'38.8" (RT)  
 D= 4°46'28.73"  
 T= 148.87  
 L= 296.23  
 R= 1200.00  
 E= 9.20

PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)

Drawing Copyright © 2020

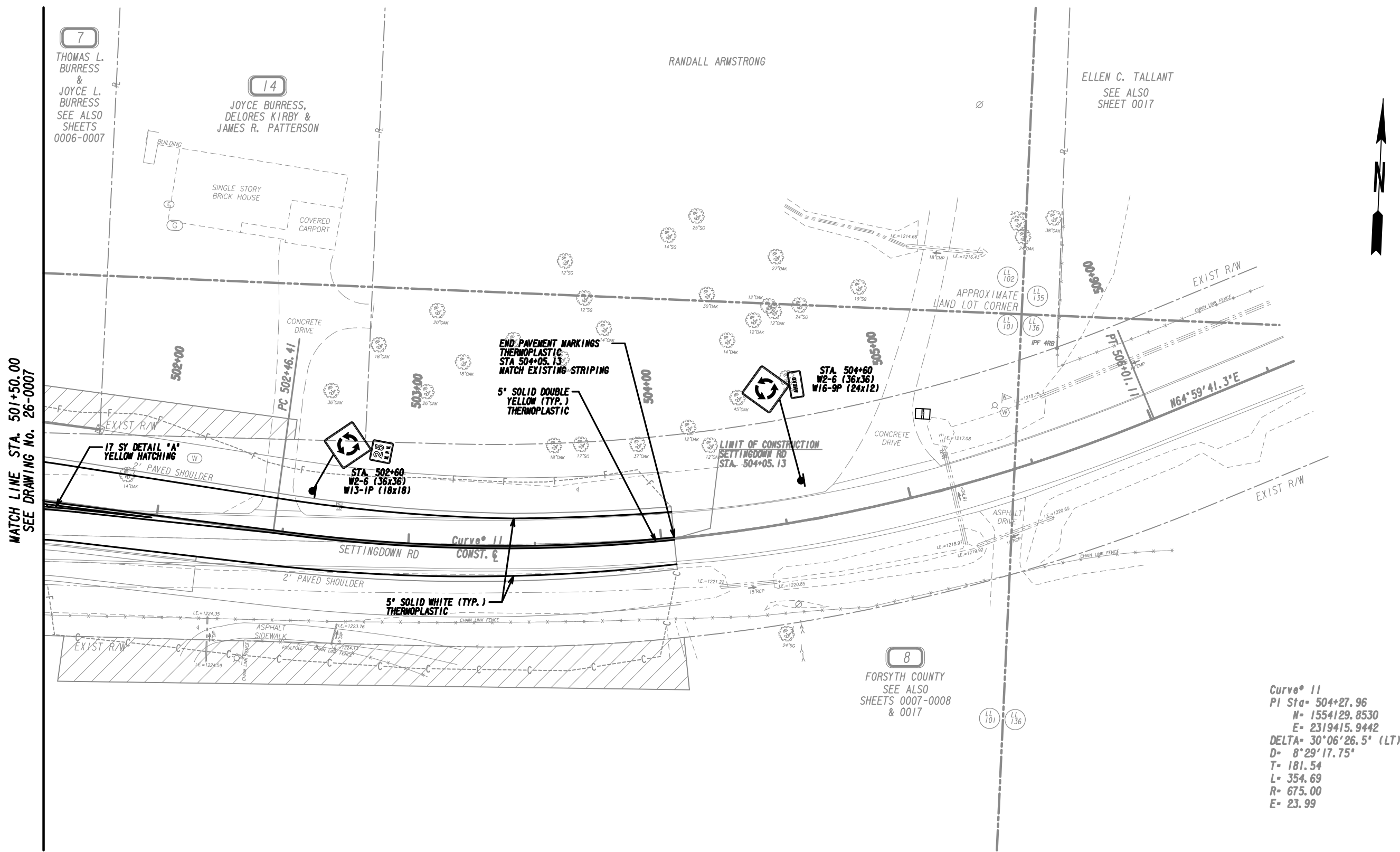
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**SIGNING AND MARKING PLANS**  
 COAL MOUNTAIN CONNECTOR  
 FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0015
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 501+50.00  
SEE DRAWING NO. 26-0007

7  
THOMAS L. BURRESS & JOYCE L. BURRESS  
SEE ALSO SHEETS 0006-0007

14  
JOYCE BURRESS, DELORES KIRBY & JAMES R. PATTERSON

RANDALL ARMSTRONG

ELLEN C. TALLANT  
SEE ALSO SHEET 0017

END PAVEMENT MARKINGS  
THERMOPLASTIC  
STA 504+05.13  
MATCH EXISTING STRIPING

STA. 504+60  
W2-6 (36x36)  
W16-9P (24x12)

STA. 502+60  
W2-6 (36x36)  
W13-1P (18x18)

LIMIT OF CONSTRUCTION  
SETTINGDOWN RD  
STA. 504+05.13

17 SY DETAIL 'A'  
YELLOW HATCHING

5' SOLID WHITE (TYP.)  
THERMOPLASTIC

8  
FORSYTH COUNTY  
SEE ALSO SHEETS 0007-0008 & 0017

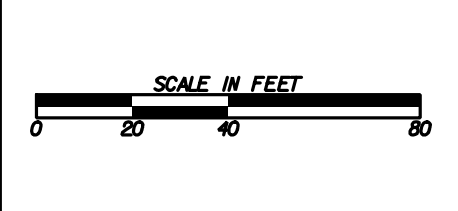
Curve 11  
PI Sta= 504+27.96  
N= 1554129.8530  
E= 2319415.9442  
DELTA= 30°06'26.5" (LT)  
D= 8°29'17.75"  
T= 181.54  
L= 354.69  
R= 675.00  
E= 23.99

PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR	---
& MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	---

Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com



REVISION DATES	

**SIGNING AND MARKING PLANS**  
COAL MOUNTAIN CONNECTOR  
FROM SR 9 TO SR 369

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0016
CORRECTED:	DATE:	
VERIFIED:	DATE:	

## GENERAL NOTES – TRAFFIC SIGNALS

1. THE COMPLETE SIGNAL INSTALLATION SHALL CONFORM TO ALL APPROPRIATE PARTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES CURRENT EDITION.
2. SIGNAL HEADS SHALL BE ERECTED TO PROVIDE AT LEAST 17 FEET BUT NO MORE THAN 19 FEET CLEARANCE FROM BOTTOM OF SIGNAL HEADS TO TOP OF ROAD SURFACE AND A MINIMUM OF 8 FEET MEASURED HORIZONTALLY BETWEEN CENTERS OF SIGNAL FACES.
3. SHIELDED CABLE WILL BE USED FOR DETECTOR RUNS AS SHOWN ON THE DETAIL SHEET, DETECTORS SHALL HAVE SEPARATE LEAD-INS TO THE CONTROL CABINET.
4. THE CONTRACTOR SHALL LOCATE UNDERGROUND UTILITIES IN VICINITY OF NEW TRAFFIC SIGNAL POLES PRIOR TO ORDERING. AT THE DISCRETION OF THE ENGINEER, MINOR SHIFTS, (UP TO A MAXIMUM OF 5 FEET), IN LOCATION OF NEW SIGNAL POLES, ARE ACCEPTABLE TO AVOID UNDERGROUND UTILITIES. MINIMUM CLEARANCES FROM EDGE OF PAVEMENT SHALL BE MAINTAINED. PLACEMENT OF THE SIGNAL HEADS SHALL BE RETAINED AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE WITH THE OFFICE OF UTILITIES FOR ALL "MAKE READY" WORK.
5. THE CONTRACTOR SHALL MAINTAIN EXISTING TRAFFIC SIGNALS DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC SIGNAL AND/OR CONTROL SYSTEM ADJUSTMENTS, INCLUDING TEMPORARY SUPPORT POLE LOCATION(S) REQUIRED BY THE PROJECT DURING THE INTERIM PERIOD THROUGH INSTALLATION OF NEW SIGNAL EQUIPMENT. AT NO TIME SHALL THE CONTRACTOR CAUSE ANY PART OF THE SIGNAL OPERATION TO BE INOPERABLE.
6. INSTALLATION IS TO BE CHECKED AND ACCEPTED BY THE DISTRICT TRAFFIC ENGINEER PRIOR TO FINAL ACCEPTANCE.
7. WHEN REMOVED, EXISTING EQUIPMENT SHALL BE DELIVERED AND UNLOADED BY THE CONTRACTOR TO THE DEPARTMENT OF TRANSPORTATION, OFFICE OF TRAFFIC OPERATIONS, DISTRICT SIGNAL SHOP. CONTACT THE DISTRICT SIGNAL ENGINEER AT (770) 533-8486. THE ADDRESS FOR THE SIGNAL SHOP IS 2594 GILLSVILLE HIGHWAY, GAINESVILLE, GA 30507. ALLOW FOR A 48-HOUR ADVANCE NOTICE PRIOR TO DELIVERY.
8. FOR STRAIN POLE FOUNDATION SIZE AND REINFORCEMENT, SEE STRAIN POLE AND MAST ARM POLE FOUNDATION SHEET.
9. MATERIAL CERTIFICATION IS REQUIRED PRIOR TO BEGINNING ANY SIGNAL INSTALLATION WORK. THE CONTRACTOR SHALL FOLLOW PROCEDURES OUTLINED IN THE DOT SPECIFICATION.
10. THE INSTALLATIONS SHALL BE CAPABLE OF MONITORING OVER ETHERNET NETWORKS FROM EXISTING CELLULAR ROUTERS, PROVIDED BY GDOT, OR VIA FIBER, PER THE DISTRICT SIGNAL ENGINEER. DEMONSTRATION OF NETWORK CAPABILITIES ON GDOT NETWORK IS REQUIRED BY THE CONTRACTOR, NOTED PRIOR TO FINAL ACCEPTANCE.
11. ALL EXISTING STOP BARS, WORDS, ARROWS AND CROSSWALKS THAT ARE NOT REMOVED OR RELOCATED SHALL BE REPLACED IN ACCORDANCE WITH CURRENT GDOT STANDARDS.
12. THE CONTRACTOR SHALL REPLACE IN KIND AND SIZE, AT NO SEPARATE EXPENSE TO THE DEPARTMENT, ANY BARRIER WALL, FENCE, DITCH PAVING, CURBING, SIDEWALK, GUTTER, SLOPE PAVEMENT, SIGNS, GUARDRAILS, LANDSCAPING, GRASSINGS, UTILITY SERVICE LINES, STORM DRAIN PIPES, MASONRY WALLS AND PAVING THAT IS REMOVED, DAMAGED OR DESTROYED, DUE TO CONTRACTOR'S ACTIVITY.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL MEASURES TO ENSURE COMPLIANCE TO ALL STATE AND FEDERAL LAWS AND GUIDELINES. THE COST SHALL BE CONSIDERED INCIDENTAL AND BE INCLUDED IN THE OVERALL BID PRICE. NO ADDITIONAL PAYMENTS SHALL BE MADE TO THE CONTRACTOR FOR EROSION CONTROL.

14. THE CONTRACTOR SHALL MAINTAIN EXISTING DETECTION THROUGHOUT THE DURATION OF THE PROJECT. EXISTING LOOPS THAT ARE REMOVED OR DESTROYED AS PART OF A CONSTRUCTION, REHABILITATION, OR MAINTENANCE PROJECT SHALL BE REPLACED AND RETURNED TO FULL OPERATION WITHIN THE FOLLOWING TIME FRAMES, BASED ON THE FOLLOWING ROUTE PRIORITIZATION RATING:

STATE ROUTE PRIORITIZATION RATING	LEFT-TURN DETECTION	MAINLINE / SIDE-STREET PRESENCE DETECTION	SET-BACK DETECTION
CRITICAL / HIGH	5 DAYS	5 DAYS	28 DAYS
MEDIUM	14 DAYS	14 DAYS	28 DAYS
LOW	28 DAYS	28 DAYS	28 DAYS

IF NOT FEASIBLE, OTHER FORMS OF DETECTION, SUCH AS RADAR OR VIDEO, MAY TEMPORARILY BE USED (WITHIN THE SAME TIME FRAMES), WITH GDOT APPROVAL. THE OFFICE OF TRANSPORTATION DATA WILL PROVIDE THE PRIORITIZATION RATING OF THE STATE ROUTE. ALL COSTS ASSOCIATED WITH THE REPLACEMENT OF THE LOOPS DAMAGED DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.



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

	PROPOSED SIGNAL HEAD		PROPOSED 4-SECTION SIGNAL HEAD
	EXISTING SIGNAL HEAD		PROPOSED 5-SECTION OR 4-SECTION SIGNAL HEAD
	RELOCATED SIGNAL HEAD		PEDESTRIAN SIGNAL HEAD

	PROPOSED INDUCTANCE LOOP
	PROPOSED VIRTUAL DETECTION ZONE
	PROPOSED VIDEO DETECTION CAMERA
	PROPOSED MAGNETOMETER
	PROPOSED RADAR

Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 · www.chacompanies.com

No.	Description	Date

**SIGNAL PLANS**

SR 9/DAHLONEGA HIGHWAY @  
COAL MOUNTAIN CONNECTOR/SMITH LANE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	<b>27-0001</b>
CORRECTED:	DATE:	
VERIFIED:	DATE:	

# LEGEND - TRAFFIC SIGNALS

## EXISTING

- CONTROLLER CABINET
- STRAIN POLE
- TIMBER POLE
- DOWN GUY
- MAST ARM
- STREET LIGHT
- 3 SECTION HEAD
- 3 SECTION HEAD W/BACKPLATE
- 4 SECTION HEAD
- 4 SECTION HEAD W/BACKPLATE
- 4/5 SECTION (CLUSTER/T-SHAPE) HEAD
- 4/5 SECTION (CLUSTER/T-SHAPE) HEAD W/BACKPLATE
- OVERHEAD SIGN
- PEDESTAL POLE
- PED SIGNAL HEAD
- CURB CUT RAMP, ALL TYPE
- PULLBOX, (TYPE TO BE CALLED OUT)
- 6X6 PULSE LOOP
- 6X18 CALL LOOP
- 6X40 PRESENCE LOOP (DIPOLE)
- 6X40 PRESENCE LOOP (QUADRUPOLE)
- CONDUIT, ALL TYPE
- RAILROAD CONTROLLER
- SIGN POST

## PROPOSED

- CONTROLLER CABINET
- STRAIN POLE
- TIMBER POLE
- DOWN GUY
- MAST ARM
- STREET LIGHT
- 3 SECTION HEAD W/BACKPLATE
- 4 SECTION HEAD W/BACKPLATE
- 4/5 SECTION (CLUSTER/T-SHAPE) HEAD W/BACKPLATE
- OVERHEAD SIGN
- PEDESTAL POLE
- PED SIGNAL HEAD
- CURB CUT RAMP, (TYPE TO BE CALLED OUT)
- PULLBOX, (TYPE TO BE CALLED OUT)
- 6X6 PULSE LOOP
- 6X18 CALL LOOP
- 6X40 PRESENCE LOOP (DIPOLE)
- 6X40 PRESENCE LOOP (QUADRUPOLE)
- CONDUIT, (TYPE TO BE CALLED OUT)
- CONDUIT, DIRECTIONAL BORE
- RAILROAD CONTROLLER CABINET
- SIGN POST
- RADAR DETECTION DEVICE
- MAGNETOMETER DETECTION DEVICE
- VIDEO DETECTION DEVICE
- VIRTUAL DETECTION ZONE (RADAR, VIDEO, ETC.)

## RELOCATED

- 3 SECTION HEAD W/BACKPLATE
- 4 SECTION HEAD W/BACKPLATE
- 4/5 SECTION (CLUSTER/T-SHAPE) HEAD W/BACKPLATE

## AGENCY SPECIFIC

- PROPERTY LINE
- EXIST. R/W
- REQ'D R/W
- CONSTRUCTION CUT LIMIT
- CONSTRUCTION FILL LIMIT
- EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES
- EASEMENT FOR CONSTR OF SLOPES
- EASEMENT FOR CONSTR OF DRIVES
- BLA
- ELA
- REQ'D LIMIT OF ACCESS
- REQ'D LIMIT OF ACCESS & R/W
- ORANGE BARRIER FENCE
- ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

### SIGNAL LEGEND

- PROPOSED SIGNAL HEAD
- PROPOSED 4-SECTION SIGNAL HEAD
- EXISTING SIGNAL HEAD
- PROPOSED 5-SECTION OR 4-SECTION SIGNAL HEAD
- RELOCATED SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD

### DETECTION LEGEND

- PROPOSED INDUCTANCE LOOP
- PROPOSED VIRTUAL DETECTION ZONE
- PROPOSED VIDEO DETECTION CAMERA
- PROPOSED MAGNETOMETER
- PROPOSED RADAR

Drawing Copyright © 2020



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 · www.chacompanies.com

### REVISION DATES

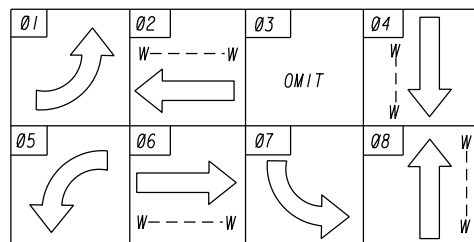
NO.	DATE	DESCRIPTION

### SIGNAL PLANS

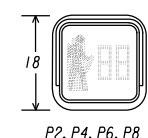
SR 9/DAHLONEGA HIGHWAY @  
COAL MOUNTAIN CONNECTOR/SMITH LANE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	27-0002
CORRECTED:	DATE:	
VERIFIED:	DATE:	

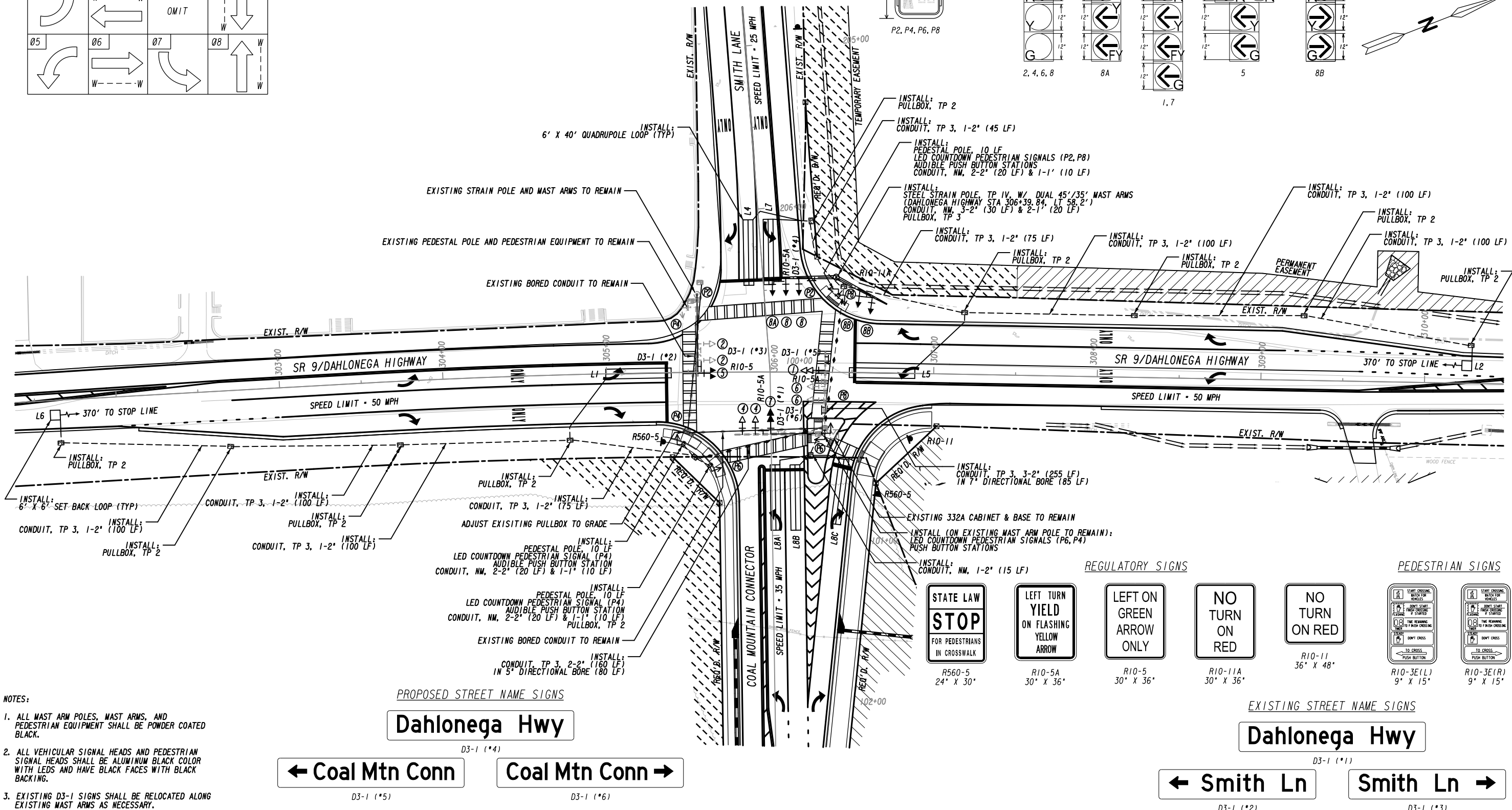
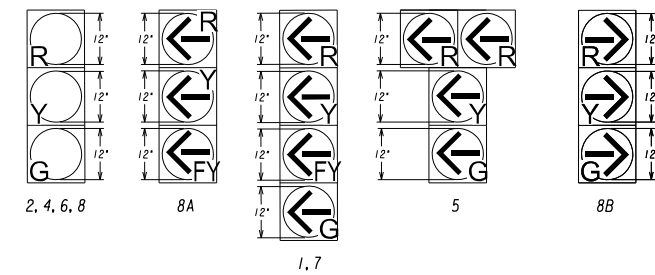
PHASING DIAGRAM



PEDESTRIAN HEADS

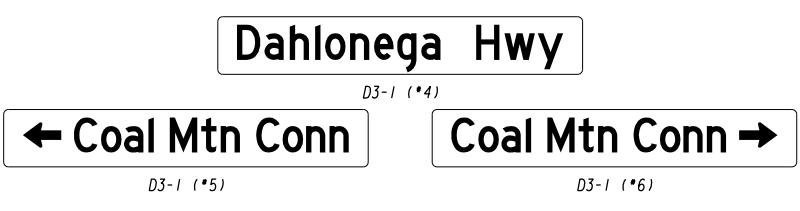


LED SIGNAL HEADS WITH 2" RETRO-REFLECTIVE BORDER ON BACKPLATE

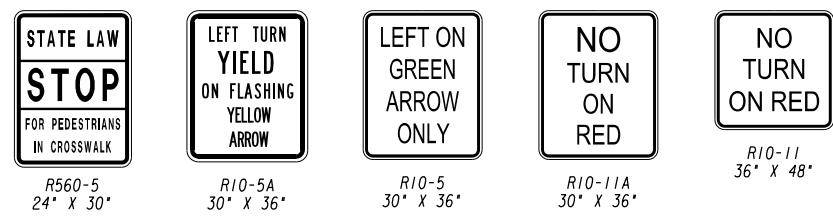


- NOTES:
1. ALL MAST ARM POLES, MAST ARMS, AND PEDESTRIAN EQUIPMENT SHALL BE POWDER COATED BLACK.
  2. ALL VEHICULAR SIGNAL HEADS AND PEDESTRIAN SIGNAL HEADS SHALL BE ALUMINUM BLACK COLOR WITH LEDS AND HAVE BLACK FACES WITH BLACK BACKING.
  3. EXISTING D3-1 SIGNS SHALL BE RELOCATED ALONG EXISTING MAST ARMS AS NECESSARY.

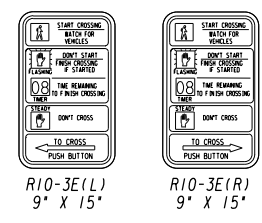
PROPOSED STREET NAME SIGNS



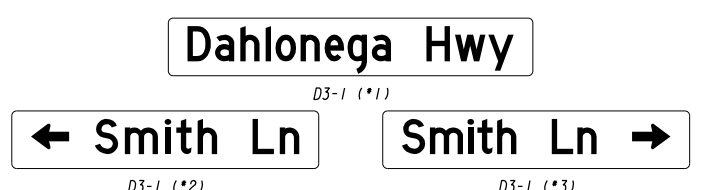
REGULATORY SIGNS



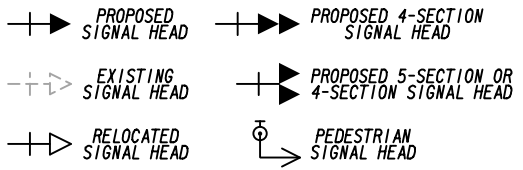
PEDESTRIAN SIGNS



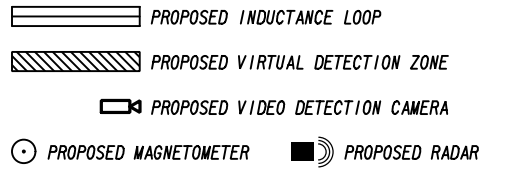
EXISTING STREET NAME SIGNS



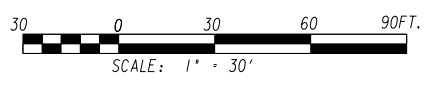
SIGNAL LEGEND



DETECTION LEGEND



6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com



REVISION DATES

NO.	DATE	DESCRIPTION

SIGNAL PLANS

SR 9/DAHLONEGA HIGHWAY @  
COAL MOUNTAIN CONNECTOR/SMITH LANE

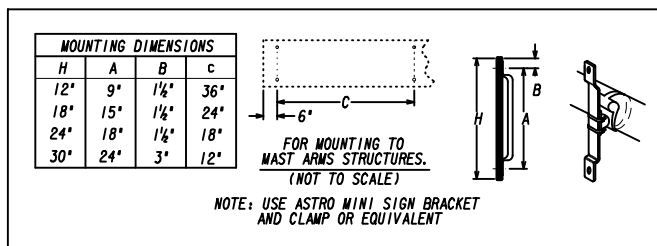
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	27-0003
CORRECTED:	DATE:	
VERIFIED:	DATE:	

LIST OF MATERIALS

MATERIALS	UNIT	QUANTITY
CONTROLLER CABINET ASSEMBLIES		
F. SWITCH PACK	EA	6
G. DC ISOLATOR	EA	2
H. LOOP DETECTOR, 2-CHANNEL	EA	7
LOOP/PED LEAD-IN WIRE (SHIELDED, TWISTED/1000 FT) 3 PAIR, 18 AWG	REEL	2
SIGNAL CABLE (14 AWG) 7 CONDUCTOR, PER 1000 FT.	REEL	2
LOOP DETECTOR WIRE (14 AWG, STRANDED/1000 FT)	REEL	3
ONE-WAY, 3-SECTION, 12" LED SIGNAL HEAD	EA	5
ONE-WAY, 4-SECTION, T-SHAPED, 12" LED SIGNAL HEAD	EA	1
ONE-WAY, 4-SECTION, 12" LED SIGNAL HEAD	EA	1
I-SECTION, 18" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, FULL HAND/MAN OVERLAP 9" HIGH, NUMBERS & 12" SYMBOLS	EA	6
PEDESTRIAN PUSH BUTTON STATION ASSEMBLY 9" x 15", W/SINGLE PUSH BUTTON ADAPTER FOR 4" DIA PEDESTRIAN POLE, ADJUSTABLE	EA	4
PEDESTRIAN PUSH BUTTON STATION ASSEMBLY 9" x 15", W/DOUBLE PUSH BUTTON ADAPTER FOR 4" DIA PEDESTRIAN POLE, ADJUSTABLE	EA	1
PEDESTRIAN PUSH BUTTON STATIONS, W/BUTTONS AND SIGNS: 9" x 15", R10-3e, (LEFT OR RIGHT, COUNTDOWN	EA	6
BACK PLATE FOR ONE-WAY, 3-SECTION, 12" SIGNAL HEAD, W/RETRO REFLECTIVE TAPE	EA	5
BACK PLATE FOR ONE-WAY, 4-SECTION, T-SHAPED, 12" SIGNAL HEAD, W/RETRO REFLECTIVE TAPE	EA	1
BACK PLATE FOR ONE-WAY, 4-SECTION, 12" SIGNAL HEAD, W/RETRO REFLECTIVE TAPE	EA	1
HARDWARE FOR MAST ARM MOUNTING	EA	7
HARDWARE FOR PEDESTAL POLE, TOP POST MOUNTING, ONE-WAY BRACKET ASSEMBLY	EA	2
HARDWARE FOR PEDESTAL POLE, TOP POST MOUNTING, TWO-WAY BRACKET ASSEMBLY	EA	1
HARDWARE FOR SIDE-OF-POLE MOUNTING, TWO-WAY BRACKET ASSEMBLY; CONCRETE, TIMBER, STEEL POLE	EA	2
PEDESTAL POLE, 10 FT. & SQUARE BASE	EA	3
PULLBOX, PB-2	EA	11
PULLBOX, PB-3	EA	1
LOOP SAW CUT	LF	1050
CONDUIT, 1"	LF	50
CONDUIT, 2"	LF	105
R10-5	EA	1
R10-5A	EA	2
R10-11A	EA	1
MISCELLANEOUS MATERIALS NEEDED TO COMPLETE INSTALLATION	LUMP	LUMP

LIST OF MATERIALS IS "FOR INFORMATION ONLY" AND SHOULD BE VERIFIED BY THE CONTRACTOR.

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
150-1000	TRAFFIC CONTROL	LUMP	LUMP
636-1041	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 9	SF	43
639-3004	STEEL STRAIN POLE, TP IV - WITH DUAL 45 FT/35 FT MAST ARMS	EA	1
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 1	LUMP	LUMP
682-6233	CONDUIT, NONMETAL, TP 3, 2 IN	LF	1210
682-9950	DIRECTIONAL BORE - 5 IN	LF	80
682-9950	DIRECTIONAL BORE - 7 IN	LF	85



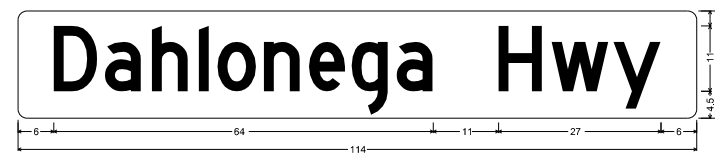
- GENERAL NOTES
- EACH SIGN SHALL CONTAIN A MINIMUM OF (2) HANGERS OR BRACKETS.
  - SIGN LEGEND SHALL BE 11-IN. UPPER CASE & LOWER CASE SERIES 'D' LETTERS. ALL ARROWS SHALL BE 8-IN. TALL & 12-IN. LONG.
  - EACH SIGN SHALL CONTAIN 1 1/2-IN. RADI1.
  - EACH SIGN SHALL BE MADE OF ONE CONTINUOUS PIECE OF ALUMINUM.
  - SIGNS SHALL HAVE STANDARD REFLECTORIZED INTERSTATE GREEN BACKGROUND WITH WHITE REFLECTORIZED LEGENDS AND ARROWS.
  - FOR SIGNS THAT ARE 72-IN. OR GREATER THEY SHALL CONTAIN A MINIMUM OF THREE (3) HANGERS OR BRACKETS.

332 CABINET INPUT ASSIGNMENT

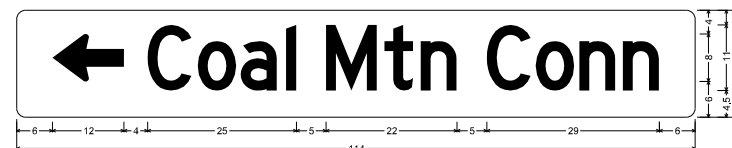
SLOT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
UPPER INPUT FILE															
CHANNEL 1	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC	
	CARD	2-CH	2-CH				2-CH					DC 150	DC 150	DC 150	
	FUNCTION	L1	L2				L4				ADVANCE	# 2 PED	# 6 PED	FLASH	
FIELD TERM	TB2 1,2	TB2 5,6	TB2 9,10	TB4 1,2	TB4 5,6	TB4 9,10	TB6 1,2	TB6 5,6	TB6 9,10			TB8 4,6	TB8 7,9	N/C	
CHANNEL 2	C1 PIN	56	43	76	47	58	45	78	49	62		53	69	70	82
	FUNCTION										ENABLE	# 4 PED	# 8 PED	STOP TIME	
	FIELD TERM	TB2 3,4	TB2 7,8	TB2 11,12	TB4 3,4	TB4 7,8	TB4 11,12	TB6 3,4	TB6 7,8	TB6 11,12		TB8 5,6	TB8 8,9	N/C	
LOWER INPUT FILE															
CHANNEL 1	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC	
	CARD	2-CH	2-CH				2-CH	2-CH							
	FUNCTION	L5	L6				L7	L8A				EVA	EVB	RR 1	
FIELD TERM	TB3 1,2	TB3 5,6	TB3 9,10	TB5 1,2	TB5 5,6	TB5 9,10	TB7 1,2	TB7 5,6	TB7 9,10			TB9 4,6	TB9 7,9	TB9 10,12	
CHANNEL 2	C1 PIN	55	44	77	48	57	46	79	50	61		75	73	74	52
	FUNCTION						L8B				SPARE 3	EVC	EVD	RR 2	
	FIELD TERM	TB3 3,4	TB3 7,8	TB3 11,12	TB5 3,4	TB5 7,8	TB5 11,12	TB7 3,4	TB7 7,8	TB7 11,12		TB9 5,6	TB9 8,9	TB9 11,12	

DETAILS OF OVERHEAD STREET NAME SIGNS

ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED.



D3-1 (\*4)

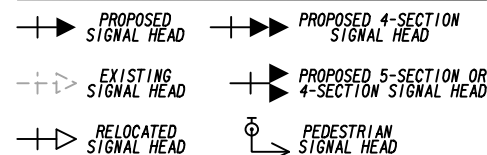


D3-1 (\*5)

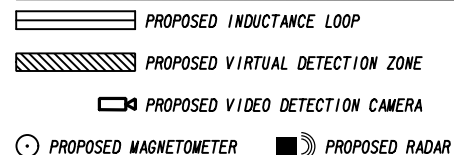


D3-1 (\*6)

SIGNAL LEGEND



DETECTION LEGEND



Drawing Copyright © 2020

6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 · www.chacompanies.com

REVISION DATES

NO.	DATE	DESCRIPTION

SIGNAL PLANS

SR 9/DAHLONEGA HIGHWAY @  
COAL MOUNTAIN CONNECTOR/SMITH LANE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	27-0004
CORRECTED:	DATE:	
VERIFIED:	DATE:	