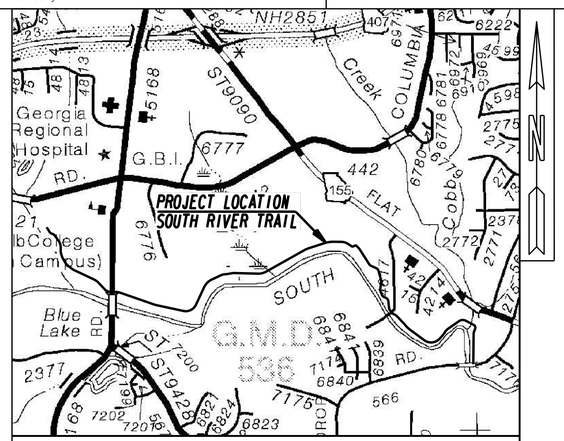
DEKALB COUNTY & PATH FOUNDATION

CONSTRUCTION PLANS OF PROPOSED SOUTH RIVER TRAIL, PHASE 5

CSTEE-009-00(029)

FEDERAL AID PROJECT

FEDERAL ROUTE(S): N/A
STATE ROUTE(S): N/A
P.I.NO.: 0009029



LOCATION SKETCH

BEGIN PROJECT
BEGIN CONSTRUCTION
SOUTH RIVER TRAIL, PHASE 5
STA 10+11.00
N = 1341591.5549
E = 2263154.0625

PROJECT MIDPOINT
STA 68+63.00
N = 1340959.0359
E = 2267880.7361

END BOARDWALK
STA 65+88.00

END BRIDGE
BEGIN BOARDWALK
STA 65+59.42

END BOARDWALK
BEGIN BRIDGE
STA 65+09.42

BEGIN BOARDWALK
STA 64+80.00

BEGIN BOARDWALK
STA 79+71.00

BEGIN SPECIAL DESIGN BOARDWALK
STA 82+59.00

END SPECIAL DESIGN BOARDWALK
STA 82+89.00

END BOARDWALK
STA 83+73.00

BEGIN BOARDWALK
STA 98+05.00

END BOARDWALK
STA 99+70.00

BEGIN BOARDWALK
STA 117+63.84

END BOARDWALK
BEGIN BRIDGE
STA 118+19.84

END BRIDGE
BEGIN BOARDWALK
STA 119+19.84

END BOARDWALK
STA 119+84.84

END PROJECT
STA 127+14.50
END CONSTRUCTION
SOUTH RIVER TRAIL
N = 1338903.5297
E = 2271534.8634

BEGIN BOARDWALK
STA 30+85.00

END BOARDWALK
STA 41+45.00

ESA - WETLAND 2
ESA - WETLAND 4
ESA - 75' STREAM BUFFER
ESA - 25' STREAM BUFFER
ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

SOUTH RIVER
PANTERSVILLE RD
WARRIORS PATH
WALDROP RD

DESIGN DATA:
SPEED DESIGN: 20 MPH

LOCATION & DESIGN
APPROVAL DATE: 11/24/2009

FUNCTIONAL CLASS: SHARED USE PATH

THIS PROJECT IS 100% IN DEKALB COUNTY AND IS 100% IN CONG. DIST. NO. 5.

LAND LOTS: 59,70,71,72,73
TH LAND DISTRICT
GMD: 536

PROJECT DESIGNATION:
DESIGNED IN ENGLISH UNITS.

THIS PROJECT HAS BEEN PREPARED USING THE HORIZONTAL GEORGIA COORDINATE SYSTEM OF 1984 (NAD 1983)/94 WEST ZONE, AND THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988.

THIS PROJECT HAS BEEN DESIGNED TO COMPLY WITH TITLE II PROVISIONS OF THE AMERICANS WITH DISABILITIES ACT (ADA).

PROJECT TO BE CONSTRUCTED AS PER GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, 2013 EDITION, AND GDOT SUPPLEMENTAL SPECIFICATIONS BOOK, 2016 EDITION, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION AND AS MODIFIED BY CONTRACT DOCUMENTS.

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.

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.

DEKALB COUNTY

NOI REQUIRED

DISTURBED AREA: 10.45 ACRES

LENGTH OF PROJECT	COUNTY No. 089 Project No. CSTEE-009-00(029)
	MILES
NET LENGTH OF TRAIL	2.217
NET LENGTH OF BRIDGES	0.371
NET LENGTH OF PROJECT	2.217
NET LENGTH OF EXCEPTIONS	0.000
GROSS LENGTH OF PROJECT	2.217

GEORGIA REGISTERED No. 16762 PROFESSIONAL ENGINEER MARK WILLIAM HOLMBERG 2/11/19

SCALE IN FEET
0 500 1000 2000

PREPARED BY:
Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DATE | CHIEF ENGINEER

PLANS COMPLETED 02-11/2019	
REVISIONS	

DRAWING No. 01-0001

DRAWING NO.		DESCRIPTION	
01-0001		COVER SHEET	
02-0001		INDEX	
03-0001		REVISION SUMMARY SHEET	
04-0001 TO 04-0003		GENERAL NOTES	
05-0001 TO 05-0002		TYPICAL SECTIONS	
06-0001		SUMMARY OF QUANTITIES	
07-0001		QUANTITIES (AMENDMENT)	
08-0001		QUANTITIES (CONSTRUCTION)	
11-0001 TO 11-0003		CONSTRUCTION LAYOUT	
13-0001 TO 13-0024		CONSTRUCTION PLANS	
21-0001		DRAINAGE AREA MAP	
22-0001		DRAINAGE PROFILES	
23-0001 TO 23-0033		CROSS SECTIONS	
24-0000 TO 24-0024		UTILITY PLANS	
26-0001 TO 26-0026		SIGNING AND MARKING PLANS	
31-0001		WALL ENVELOPE	
35-0001 TO 35-0003		BRIDGE NO. 1 PLANS	
35-0001 TO 35-0003		BRIDGE NO. 2 PLANS	
38-0001		SPECIAL CONSTRUCTION DETAILS, RESTAREAS	
38-0002 TO 38-0004		BOARDWALK DETAILS	
		GEORGIA DETAILS	
40-0001	A-3	THIS DETAIL REPLACES GA STANDARD 9031W: SPECIAL DETAILS - CONCRETE SIDEWALK	09-16
		DETAILS CURB CUT (WHEELCHAIR) RAMPS	
40-0002	T-1	SIGN PLATES	01-00
40-0003	T-3A	TYPE 7, 8, AND 9 SQUARE TUBE POST INSTALLATION DETAIL	07-02
		GEORGIA STANDARDS	
41-0001	9031L	GRAVITY WALL TYPICAL SECTIONS, RAISING HEADWALL, AND TYPICAL PIPE PLUG	09-16
41-0002	1030D	CONCRETE & METAL PIPE CULVERTS (SHEET 1 OF 3)	09-01
41-0003	1030D	CONCRETE & METAL PIPE CULVERTS (SHEET 2 OF 3)	09-01
41-0004	1030D	CONCRETE & METAL PIPE CULVERTS (SHEET 3 OF 3)	09-01

DRAWING NO.		DESCRIPTION	
		EROSION PLANS	
50-0001		EROSION COVER SHEET	
51-0001 TO 51-0004		ESPCP GENERAL NOTES	
52-0001	EC-L1	EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (1 OF 7)	03-17
52-0002	EC-L2	EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (2 OF 7)	03-17
52-0003	EC-L3	EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (3 OF 7)	03-17
52-0004	EC-L4	EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (4 OF 7)	03-17
52-0005	EC-L5	EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (5 OF 7)	03-17
52-0006	EC-L6	EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (6 OF 7)	03-17
52-0007	EC-L7	EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (7 OF 7)	03-17
53-0001		EROSION CONTROL DRAINAGE AREA MAP	
54-0001 TO 54-0072		BMP LOCATION DETAILS	
55-0001		WATERSHED MAP SITE MONITORING PLAN	
56-0001	D-24A	TEMPORARY SILT FENCE (1 OF 4)	01-11
56-0002	D-41	CONSTRUCTION EXIT	04-16
		RIGHT OF WAY PLANS	
60-0001		RIGHT OF WAY COVER SHEET	
60-0002 TO 60-0033		RIGHT OF WAY MAP	

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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

INDEX

SOUTH RIVER TRAIL, PHASE 5

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DRAWING No. 02-0001

7/31/2015 GPLN

DATE	DRAWING NO.	REVISION

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DRAWING No.
03-0001

GENERAL NOTES

1. DIMENSIONS ARE TO EDGE OF TRAIL AND EDGE OF SHOULDER.

2. PROFILE GRADE ELEVATION AT CENTERLINE TRAIL.

3. CONTRACTOR SHALL PROVIDE AND MAINTAIN OFF-STREET PARKING THROUGHOUT CONSTRUCTION.

4. ALL REINFORCED CONCRETE PIPE (RCP) SHALL BE CLASS III UNLESS OTHERWISE NOTED. CORRUGATED METAL PIPE SHALL BE 16 GA. MIN. AND ASPHALT OR ALUMINUM COATED.

5. ALL STORM DRAIN PIPES ARE TO BE COMPLETELY CLEANED OF ALL SILT AND DEBRIS AT THE COMPLETION OF CONSTRUCTION.

6. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.

7. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

8. ENCROACHMENT AREAS INSIDE THE 25' BUFFER SHALL BE REVEGETATED WITH NATIVE RIPARIAN GRASS SEED MIX PER THE LATEST EDITION OF THE GEORGIA DEPARTMENT STANDARD, SECTION 700.

9. AN N.O.I. (NOTICE OF INTENT) IS REQUIRED FOR THIS PROJECT.

10. FOR EROSION CONTROL PURPOSES, TYPE 1 RIP RAP SHALL BE ADDED UNDERNEATH ALL BOARDWALK SEGMENTS OF THE TRAIL.

11. ALL SIGNING, MARKING AND TRAFFIC CONTROL SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2009 EDITION.

CLEARING NOTES

1. THE CONTRACTOR SHALL LEAVE THE SITE IN A CLEAN AND NEAT CONDITION. ALL DEBRIS, VEGETATION WHICH HAS BEEN REMOVED, LUMBER, CONCRETE, ETC., SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED.

2. CONTRACTOR SHALL HAVE THE LIMITS OF CLEARING AND ALL BUFFERS STAKED WITH FLAGGING STRUNG BETWEEN ANGLE POINTS TO ENSURE THE PROPER LOCATION OF TREE SAVE FENCE AND PROPOSED IMPROVEMENTS.

3. EXCEPT AS NOTED AT ROOT BRIDGE AREAS, ALL VEGETATION, ROOT SYSTEMS, TOPSOIL, REFUSE AND OTHER DELETERIOUS, NON-SOIL MATERIAL SHALL BE STRIPPED FROM THE PROPOSED CONSTRUCTION AREAS. CLEAN TOPSOIL MAY BE STOCKPILED AND REUSED LATER IN LANDSCAPED AREAS.

CONSTRUCTION NOTES

1. DIRT FOR FILL SHALL BE CLEAN, COHESIVE CLAY OR SANDY CLAY FREE OF DEBRIS, ORGANICS, DELETERIOUS MATERIAL AND ROCKS GREATER THAN 3" DIA.

2. MAX CUT OR FILL SLOPES SHALL BE 2:1 (H:V), UNLESS SPECIFICALLY NOTED.

3. EQUIPMENT AND MATERIALS SHALL BE STORED IN AREAS DESIGNATED BY THE OWNER. CONSTRUCTION AND STORAGE AREAS SHALL BE KEPT NEAT AND CLEAN. TREE SAVE AREAS SHALL NOT BE USED FOR STORAGE OR PARKING.

4. TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO NOT LESS THAN 95% OF THE OPTIMUM COMPACTION FOR ANY SOIL CLASSIFICATION AS DETERMINED BY THE STANDARD PROCTOR TEST AASHTO T-180 METHOD "A". BACKFILL MATERIAL SHALL BE CLEAN AND FREE OF ROOTS, ROCK OR DELETERIOUS MATTER. CONTRACTOR SHALL CORRECT ANY DAMAGE TO CURBING OR PAVING CAUSED BY TRENCH SETTLEMENT WHICH OCCURS WITHIN 12 MONTHS OF PROJECT ACCEPTANCE.

5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN PLAN AND FIELD CONDITIONS PROMPTLY UPON DISCOVERY.

6. ALL FILL AREAS MUST BE COMPACTED TO A MINIMUM 95% STANDARD PROCTOR.

TRAIL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING MINIMUM SLOPES ALONG ENTIRE TRAIL. THE LONGITUDINAL SLOPE SHALL NOT EXCEED 5.0 PERCENT, UNLESS SPECIFICALLY NOTED.

2. THE LAYOUT OF TRAIL IS SHOWN IN RELATION TO BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY THE LAYOUT WITH OWNER PRIOR TO CONSTRUCTION OF TRAIL AND BOARDWALK.

3. ALL EXISTING TREES OVER 6" DIA. ADJACENT TO TRAIL SHALL BE PROTECTED THROUGHOUT THE CONSTRUCTION PROCESS.

4. THE CONTRACTOR IS RESPONSIBLE FOR CLEARING OF ALL UNDERSTORY VEGETATION AND TREES, AS DIRECTED BY THE PATH FOUNDATION, WITHIN 10' FROM CENTERLINE OF TRAIL.

UTILITY OWNER	SERVICE	PHONE NUMBER
AGL	NATURAL GAS	(404) 992-3797
CITY OF ATLANTA (SEWER)	SEWER	(404) 546-3519
CITY OF ATLANTA (WATER)	WATER	(404) 546-3519
AT&T	TELECOMMUNICATIONS	(800) 241-3624
COMCAST	TELECOMMUNICATIONS	(770) 559-6052
DEKALB COUNTY TRAFFIC & SAFETY	SIGNAL	(678) 758-7794
DEKALB COUNTY (WATER)	WATER	(404) 731-3562
DEKALB COUNTY (SEWER)	SEWER	(404) 731-3562
GEORGIA POWER ELECTRIC	ELECTRIC	(404) 506-6539
ZAYO FIBER SOLUTIONS	FIBER OPTICS	470-249-5124
SNAPPING SHOALS EMC	POWER	770-786-3484

GEORGIA 811
Utilities Protection Center, Inc.
Know what's **below.**
Call before you dig.

Heath & Lineback Engineers
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2390 CANTON ROAD, BUILDING 200
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

GENERAL NOTES

SOUTH RIVER TRAIL, PHASE 5

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ENVIRONMENTAL RESOURCES IMPACTS TABLES

ENVIRONMENTAL RESOURCES IMPACT TABLE
SOUTH RIVER TRAIL, PHASE 5

These resources and the restrictions listed are governed by state and federal law.

Resource Name (from Section A of the ECT)	LOCATION			Permitted Construction Activity (from Section A of the ETC)	Special Provision? (from Section B of the ECT)	Comments (from Section C of the ECT, comments only)
	Beginning STA	Ending STA	Side			
Perennial Stream (PS) 1	17+05	20+36	RT	No Activity	None	Easement
PS 1 Buffer	17+14	20+38	RT	No Activity	None	Easement
Wetland (WL) 2	30+25	35+74	LT	No Activity	None	Easement for Construction
PS 3	20+61	28+36	RT	No Activity	None	N/A
PS 3	29+09	98+49	RT	No Activity	None	N/A
PS 3	98+99	107+96	RT	No Activity	None	N/A
PS 3	112+14	127+10	RT	No Activity	None	N/A
PS 3 Buffer	27+54	30+37	RT	APPROXIMATELY 0.12 ACRE OF NON-EXEMPT BUFFER IMPACTS	None	N/A
PS 3 Buffer	35+81	40+25	RT	APPROXIMATELY 0.10 ACRE OF NON-EXEMPT BUFFER IMPACTS	None	N/A
PS 3 Buffer	94+67	95+39	RT	APPROXIMATELY 0.01 ACRE OF NON-EXEMPT BUFFER IMPACTS	None	N/A
PS 3 Buffer	97+78	99+36	RT	APPROXIMATELY 0.04 ACRE OF NON-EXEMPT BUFFER IMPACTS	None	N/A
WL 4	N/A	N/A	N/A	No Activity	None	N/A
PS 5	65+22	65+35	LT	No Activity	None	N/A
PS 5	65+35	65+77	RT	No Activity	None	N/A
PS 5 Buffer	64+93	65+52	LT	Exempt Buffer Impacts	None	N/A
PS 5 Buffer	65+26	66+26	RT	Exempt Buffer Impacts	None	N/A
Intermittent Stream (IS) 6	82+80	82+74	LT	No Activity	None	N/A
Intermittent Stream (IS) 6	82+74	84+98	RT	No Activity	None	N/A
IS 6 Buffer	82+16	83+03	LT	Exempt Buffer Impacts	None	N/A
IS 6 Buffer	84+54	85+42	RT	Exempt Buffer Impacts	None	N/A
PS 7	118+68	118+69	LT	No Activity	None	N/A
PS 7	118+69	118+67	RT	No Activity	None	N/A
PS 7 Buffer	118+37	119+06	LT	Exempt Buffer Impacts	None	N/A
PS 7 Buffer	118+28	119+11	RT	Exempt Buffer Impacts	None	N/A
Historic Resource 1	121+74	123+54	LT	Trail Construction	None	N/A

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ENVIRONMENTAL RESOURCES IMPACTS TABLES

Historic Resource 1	121+74	123+55	RT	Trail Construction	None	N/A
Historic Resource 2	124+04	125+07	LT	Trail Construction	None	N/A
Historic Resource 2	124+04	125+07	RT	Trail Construction	None	N/A
Historic Resource 3	125+07	127+13	LT	Trail Construction	None	N/A
Historic Resource 3	125+07	127+12	RT	Trail Construction	None	N/A
Historic Resource 4	N/A	N/A	N/A	No Activity	None	N/A
404 Permits and Variances (from Section D of the ECT)				Expiration Dates (if applicable). Contact GDOT OES 6 months prior to expiration, if work will extend beyond this date.		
Notice of Intent (NOI) for NPDES				The office Bidding Administration and Construction Contractor will submit a NOI to the NPDES General Permit following award of the contract but prior to construction.		Will aquire following letting.
Buffer Variance				Expires - 06/08/2023		Will aquire 06/08/2018

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DATE$$$ TIME$$$ $PRFB$ DGN P. I. No. 0009029

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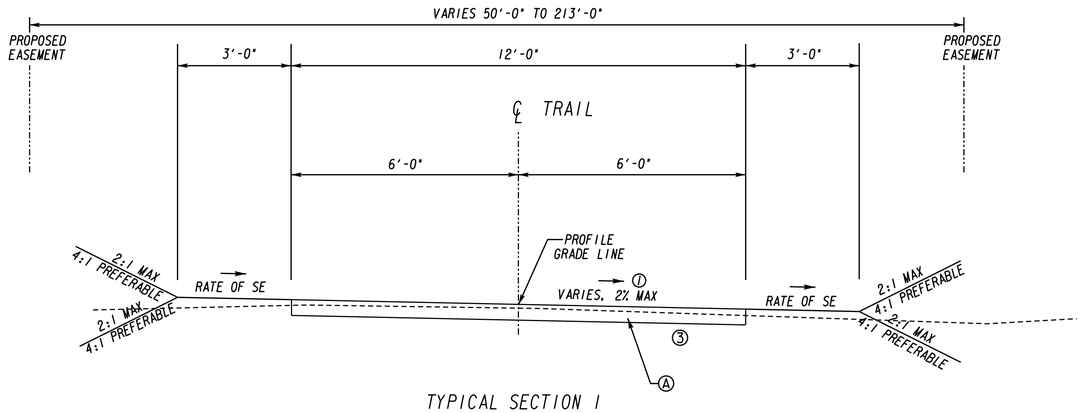
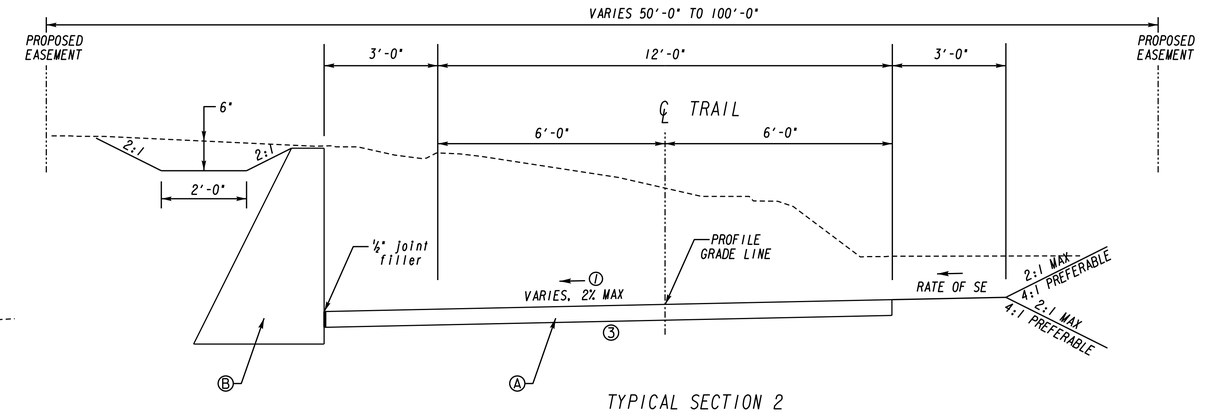


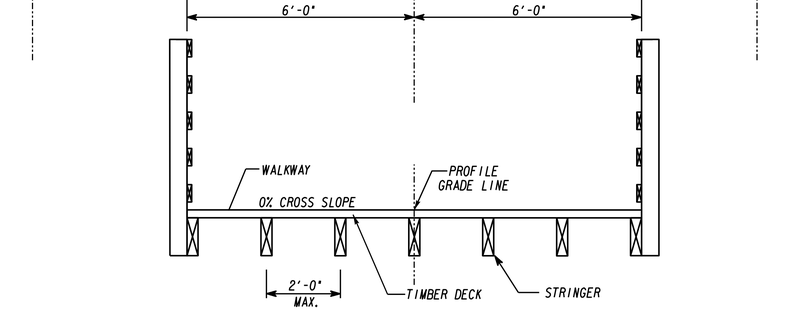
TYPICAL SECTION 1

STA. 10+11.00 - 27+53.00
STA. 28+95.00 - 30+85.00
STA. 41+50.00 - 64+80.00
STA. 65+88.00 - 79+71.00
STA. 83+73.00 - 98+05.00
STA. 99+70.00 - 117+63.84
STA. 119+84.84 - 127+14.50



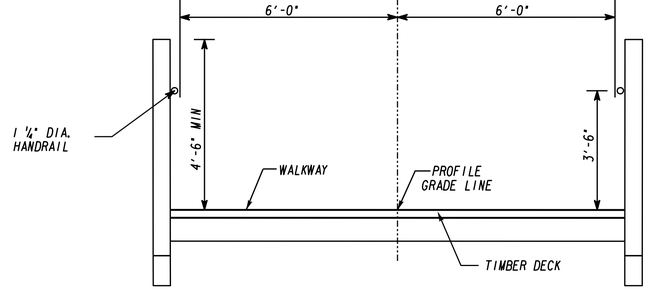
TYPICAL SECTION 2

STA. 27+53.00 - 28+95.00



TYPICAL SECTION 3

STA. 30+85.00 - 41+50.00
STA. 64+80.00 - 65+09.42
STA. 65+59.42 - 65+88.00
STA. 79+71.00 - 82+59.00
STA. 82+89.00 - 83+73.00
STA. 98+05.00 - 99+70.00
STA. 117+63.84 - 118+19.84
STA. 119+19.84 - 119+84.84



TYPICAL SECTION 4

STA. 65+09.42 - 65+59.42
STA. 118+19.84 - 119+19.84

TYPICAL SECTION LEGEND

Ⓐ CONC SIDEWALK, 5 IN
Ⓑ GRAVITY WALL (GDOT STANDARD 9031L - CLASS B CONCRETE, RETAINING WALL)

NOTES:

1. SEE CONSTRUCTION PLANS FOR CROSS SLOPE TRANSITIONS.
2. SEE BRIDGE PLANS FOR BRIDGE LOCATION AND DETAILS.
3. COMPACTED EARTH SHALL BE USED UNDER CONCRETE LAYER OF TRAIL.

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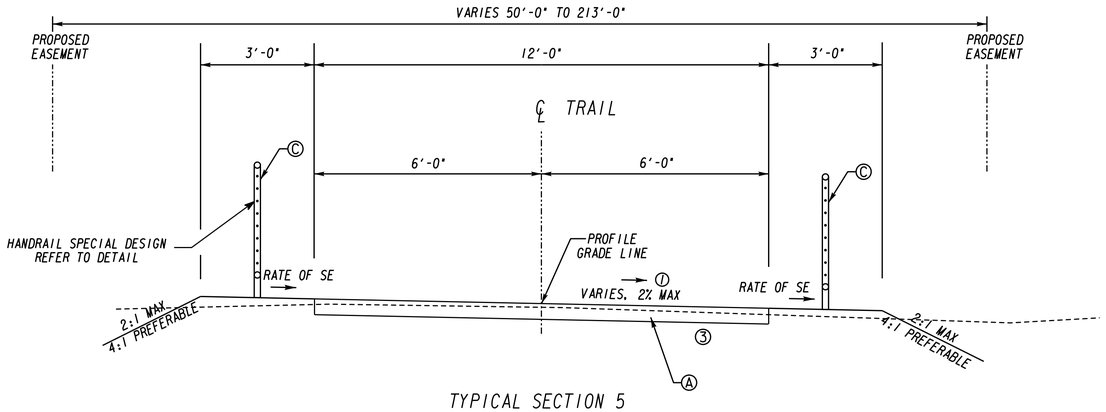
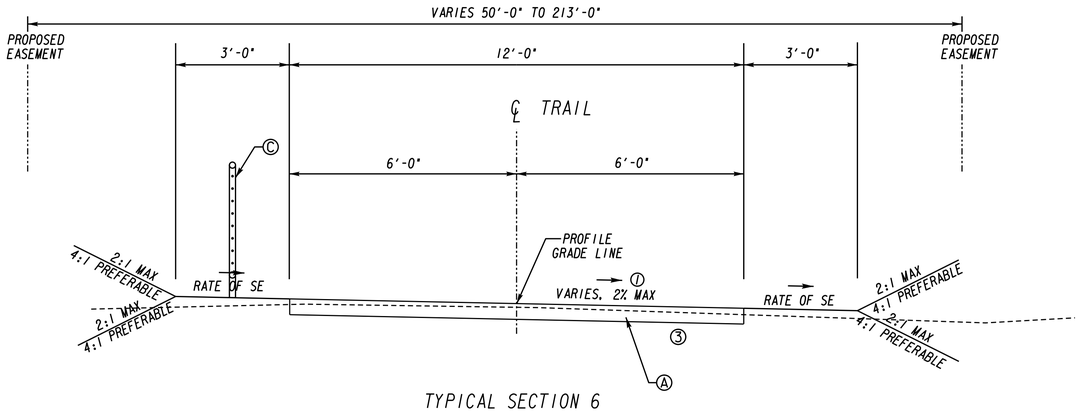


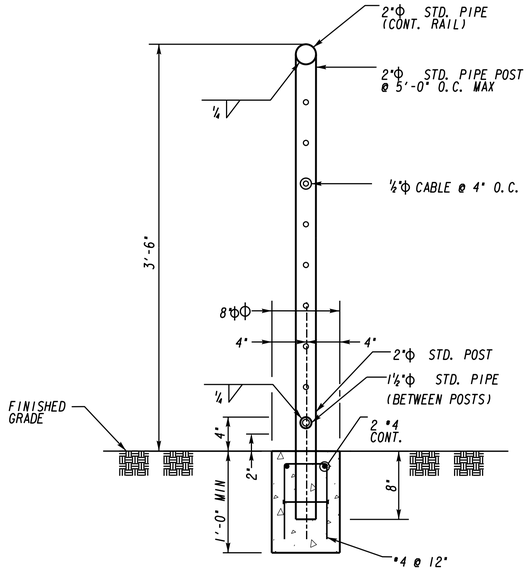
TYPICAL SECTION 5

STA. 97+50.00 - 98+05.00



TYPICAL SECTION 6

STA. 109+00.00 - 109+50.00



SPECIAL DESIGN HANDRAIL DETAIL

AT GRADE SHOWN, SIMILAR ON TRAIL

TYPICAL SECTION LEGEND

Ⓐ CONC SIDEWALK, 5 IN
Ⓒ HANDRAIL SPECIAL DESIGN

NOTES:

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TYPICAL SECTIONS

SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE: 04-21-2018	DRAWING No. 05-0002
BACKCHECKED:	CAD	DATE:	
CORRECTED:	AE & PAL	DATE:	
VERIFIED:	WMH	DATE:	

7/31/2015 GPLN

DATE$$ TIME$$ $PRF8$ DGN P. I. No. 0009029

$USER$

SUMMARY OF QUANTITIES

TRAFFIC CONTROL	
TOTAL	1 LS

WASTE RECEPTACLE UNIT	
TOTAL	5 EA

GRADING COMPLETE	
TOTAL	1 LS

BENCH	
TOTAL	5 EA

CONCRETE SIDEWALK, 5IN	
TOTAL	13065 SY

HANDRAIL	
TOTAL	160 LF

DRAINAGE

			PIPES	PIPE LENGTH (LF) H. I-10	DITCH DROP INLET	F.E.S. 15"	F.E.S. 30"	MANHOLE STD 1011A
STRUCTURE*	STATION	OFFSET						
A1-A2	12+16.00		15"	28.60		2		
B1-B2	12+85.90		15"	28.00		2		
C1-C2	13+98.00		15"	31.00		2		
D1-D2	78+00.00		15"	28.60		2		
TOTALS:				116.20		8		

GRASSING			AGRICULTURAL LIME	FERTILIZER MIXED GRADE	FERTILIZER NITROGEN CONTENT	MULCH
	UNIT	QUANTITY	TN	TN	LB	TN
PERMANENT GRASSING	AC	9.27	28	8.34	464	28
TEMPORARY GRASSING	AC	4.64	-	0.93	-	14
DISTURBED AREAS	AC	10.26	-	-	-	103
TOTAL			28	9.27	464	144

WATER QUALITY MONITORING AND SAMPLING	
TOTAL	3 EA

TEMPORARY SILT FENCE, TYPE C	
TOTAL	32643 LF

WATER QUALITY INSPECTIONS	
TOTAL	18 MO

MAINTENANCE OF SILT FENCE, TYPE C	
TOTAL	16322 LF

CONSTRUCTION EXIT	
TOTAL	4 EA

BARRIER FENCE (ORANGE), 4FT	
TOTAL	8579 LF

MAINTENANCE OF CONSTRUCTION EXIT	
TOTAL	4 EA

EROSION CONTROL MATS, SLOPES	
TOTAL	390 SY

STRUCTURES
DESCRIPTION
⊙ CONSTRUCTION OF BRIDGE COMPLETE
⊙⊙ CONSTRUCTION OF BOARDWALK

⊙ SEE BRIDGE PLANS FOR QUANTITIES
⊙⊙ SEE DWG NO. 38-0004 FOR QUANTITIES

CLASS B CONCRETE, RETAINING WALL	
TOTAL	50 CY

GUARDRAIL		
DESCRIPTION	UNIT	QUANTITY
REMOVE GUARDRAIL	LF	36
GUARDRAIL, TP W	LF	25
GUARDRAIL ANCHORAGE, TP 1	EA	2

BOLLARDS		
DESCRIPTION	UNIT	QUANTITY
FIXED BOLLARDS	EA	4
REMOVABLE BOLLARDS	EA	2

STN DUMPED RIP RAP, TP 3, 18IN	
TOTAL	42 SY

PLASTIC FILTER FABRIC	
TOTAL	42 SY

PAVEMENT MARKING		
DESCRIPTION	UNIT	QUANTITY
⊙ SOLID TRAFFIC STRIPE, 4 IN, YELLOW	LF	1207
SKIP TRAFFIC STRIPE, 4 IN, YELLOW	GLF	11704

⊙ SHALL BE PAID FOR AS 5 INCH SOLID TRAFFIC STRIPE.

CLASS A CONCRETE, SIGNS	
TOTAL	1.3 CY

SIGNS

STATION	DESCRIPTION	TP 1 MAT'L REFL SHEETING TP 9 SIZE (IN)		TP 1 MAT'L REFL SHEETING TP 9 AREA (SQ FT)	TP 2 MAT'L REFL SHEETING TP 9 SIZE (IN)		TP 2 MAT'L REFL SHEETING TP 9 AREA (SQ FT)	TP 2 MAT'L REFL SHEETING TP 11 SIZE (IN)		TP 2 MAT'L REFL SHEETING TP 11 AREA (SQ FT)	SQUARE TUBE POST TYPE 7 LENGTH (FT)
10+11 RT	INFO SIGN				48.00	30.00	10.00				10.00
	MILE MARKER	8.00	22.00	1.22							4.50
28+00 RT	SP. DESIGN 1	12.00	18.00	1.50							10.50
42+00 RT	SP. DESIGN 2	18.00	18.00	2.25							10.75
44+00 LT				2.25							
68+00 RT				2.25							
69+90 LT	MILE MARKER	8.00	22.00	1.22							4.50
70+00 LT	SP. DESIGN 2	18.00	18.00	2.25							10.75
79+50 LT	W1-3L	36.00	36.00	9.00							15.00
	R2-1	30.00	24.00	5.00							
95+00 RT	SP. DESIGN 2	18.00	18.00	2.25							10.75
96+50 LT				2.25							
115+70 LT	MILE MARKER	8.00	22.00	1.22							4.50
125+00 RT	SP. DESIGN 2	18.00	18.00	2.25							10.75
126+00 LT				2.25							
126+50 LT	INFO SIGN				48.00	30.00	10.00				10.00
127+06 RT	R1-1							36.00	36.00	9.00	11.5
127+14 RT/LT	R5-3	24.00	24.00	8.00							21.00
TOTALS				45.20			20.00			9.00	179.00

Heath & Lineback Engineers
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2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES		

DEKALB COUNTY & PATH FOUNDATION

SUMMARY QUANTITIES

SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
BACKCHECKED:	CAD	DATE:	
CORRECTED:	AE & PAL	DATE:	
VERIFIED:	MWH	DATE:	

DRAWING No. 06-0001

7/31/2015 GPLN

QUANTITIES REQUIRED BY AMENDMENT

DATE	ITEM NO.	AMENDMENT DATE	AMENDMENT NUMBER	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REQUIRED BY AMENDMENT QUANTITY
XX-XX-XX	XXX-XXXX	XX-XX-XX	X	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XXX	XXX

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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

QUANTITIES (AMENDMENT)

SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE: 04-21-2018	DRAWING No.
BACKCHECKED:	CAD	DATE:	07-0001
CORRECTED:	AE & PAL	DATE:	
VERIFIED:	MWH	DATE:	

QUANTITIES REQUIRED ON CONSTRUCTION

DATE	ITEM NO.	DESCRIPTION	UNIT	ORIGINAL QUANTITY	PREVIOUS QUANTITY	REQUIRED ON CONSTRUCTION QUANTITY
XX-XX-XX	XXX-XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XXX	XXX	XXX

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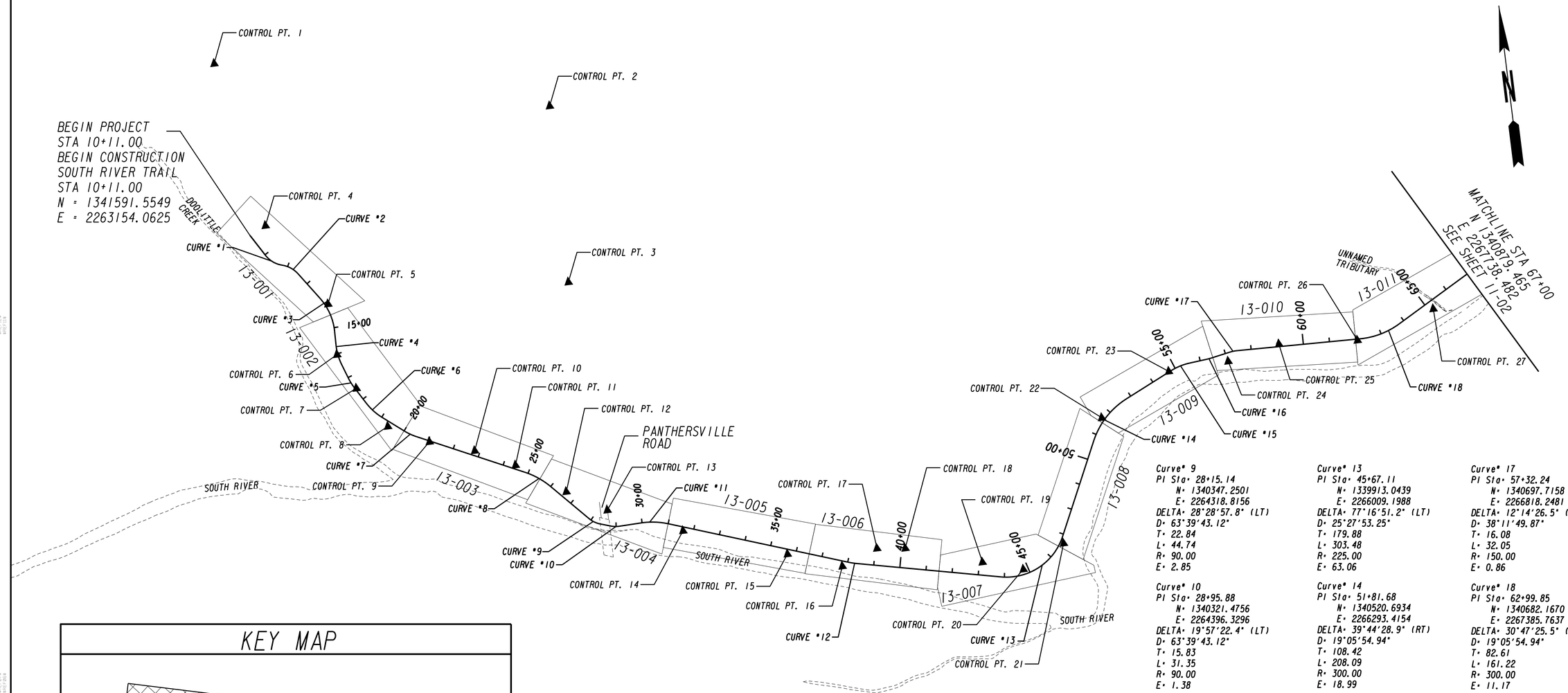
REVISION DATES

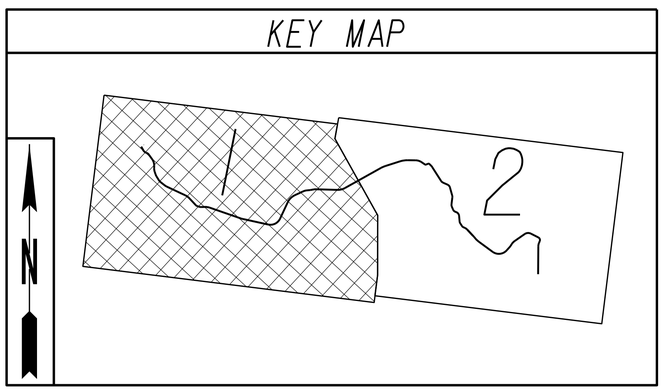
DEKALB COUNTY & PATH FOUNDATION
QUANTITIES (CONSTRUCTION)
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
BACKCHECKED:	CAD	DATE:	
CORRECTED:	AE & PAL	DATE:	
VERIFIED:	MWH	DATE:	

DRAWING No.
08-0001



KEY MAP



Curve# 1
PI Sta: 11+40.77
N: 1341480.0807
E: 2263220.4916
DELTA: 41°28'49.5" (LT)
D: 57°17'44.81"
T: 37.87
L: 72.40
R: 100.00
E: 6.93

Curve# 2
PI Sta: 12+16.54
N: 1341455.9907
E: 2263295.8472
DELTA: 37°24'42.5" (RT)
D: 57°17'44.81"
T: 33.86
L: 65.30
R: 100.00
E: 5.58

Curve# 3
PI Sta: 14+46.58
N: 1341265.2405
E: 2263428.7183
DELTA: 36°01'45.8" (RT)
D: 25°27'53.25"
T: 73.17
L: 141.49
R: 225.00
E: 11.60

Curve# 4
PI Sta: 16+06.56
N: 1341100.4441
E: 2263425.3543
DELTA: 20°23'12.2" (LT)
D: 25°27'53.25"
T: 40.46
L: 80.06
R: 225.00
E: 3.61

Curve# 5
PI Sta: 17+23.24
N: 1340989.4588
E: 2263464.0410
DELTA: 11°23'44.2" (LT)
D: 25°27'53.25"
T: 22.45
L: 44.75
R: 225.00
E: 1.12

Curve# 6
PI Sta: 18+61.82
N: 1340870.0656
E: 2263534.6862
DELTA: 20°52'46.2" (LT)
D: 25°27'53.25"
T: 41.46
L: 81.99
R: 225.00
E: 3.79

Curve# 7
PI Sta: 20+27.32
N: 1340766.4501
E: 2263664.9133
DELTA: 13°16'56.7" (LT)
D: 25°27'53.25"
T: 26.20
L: 52.16
R: 225.00
E: 1.52

Curve# 8
PI Sta: 25+43.98
N: 1340546.1611
E: 2264132.5177
DELTA: 21°39'00.8" (RT)
D: 19°05'54.94"
T: 57.36
L: 113.36
R: 300.00
E: 5.44

Curve# 9
PI Sta: 28+15.14
N: 1340347.2501
E: 2264318.8156
DELTA: 28°28'57.8" (LT)
D: 63°39'43.12"
T: 22.84
L: 44.74
R: 90.00
E: 2.85

Curve# 10
PI Sta: 28+95.88
N: 1340321.4756
E: 2264396.3296
DELTA: 19°57'22.4" (LT)
D: 63°39'43.12"
T: 15.83
L: 31.35
R: 90.00
E: 1.38

Curve# 11
PI Sta: 30+49.06
N: 1340325.6639
E: 2264549.7709
DELTA: 20°40'52.1" (RT)
D: 19°05'54.94"
T: 54.74
L: 108.29
R: 300.00
E: 4.95

Curve# 12
PI Sta: 38+19.69
N: 1340072.8868
E: 2265279.0231
DELTA: 6°46'11.1" (LT)
D: 19°05'54.94"
T: 17.74
L: 35.45
R: 300.00
E: 0.52

Curve# 13
PI Sta: 45+67.11
N: 1339913.0439
E: 2266009.1988
DELTA: 77°16'51.2" (LT)
D: 25°27'53.25"
T: 179.88
L: 303.48
R: 225.00
E: 63.06

Curve# 14
PI Sta: 51+81.68
N: 1340520.6934
E: 2266293.4154
DELTA: 39°44'28.9" (RT)
D: 19°05'54.94"
T: 108.42
L: 208.09
R: 300.00
E: 18.99

Curve# 15
PI Sta: 55+20.68
N: 1340668.7206
E: 2266608.1076
DELTA: 19°43'45.4" (RT)
D: 25°27'53.25"
T: 39.13
L: 77.48
R: 225.00
E: 3.38

Curve# 16
PI Sta: 56+34.67
N: 1340679.6451
E: 2266722.3480
DELTA: 5°12'32.0" (LT)
D: 28°38'52.40"
T: 9.10
L: 18.18
R: 200.00
E: 0.21

Curve# 17
PI Sta: 57+32.24
N: 1340697.7158
E: 2266818.2481
DELTA: 12°14'26.5" (RT)
D: 38°11'49.87"
T: 16.08
L: 32.05
R: 150.00
E: 0.86

Curve# 18
PI Sta: 62+99.85
N: 1340682.1670
E: 2267385.7637
DELTA: 30°47'25.5" (LT)
D: 19°05'54.94"
T: 82.61
L: 161.22
R: 300.00
E: 11.17

Curve# 19
PI Sta: 72+99.76
N: 1341172.2530
E: 2268261.9150
DELTA: 11°34'41.1" (RT)
D: 11°27'32.96"
T: 50.69
L: 101.04
R: 500.00
E: 2.56

Curve# 20
PI Sta: 77+59.71
N: 1341311.7597
E: 2268700.5557
DELTA: 18°28'31.1" (RT)
D: 11°27'32.96"
T: 81.32
L: 161.23
R: 500.00
E: 6.57

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SCALE IN FEET
0 200 400 800

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CONSTRUCTION LAYOUT

SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018	DRAWING No.
BACKCHECKED:	CAD	DATE:		11-0001
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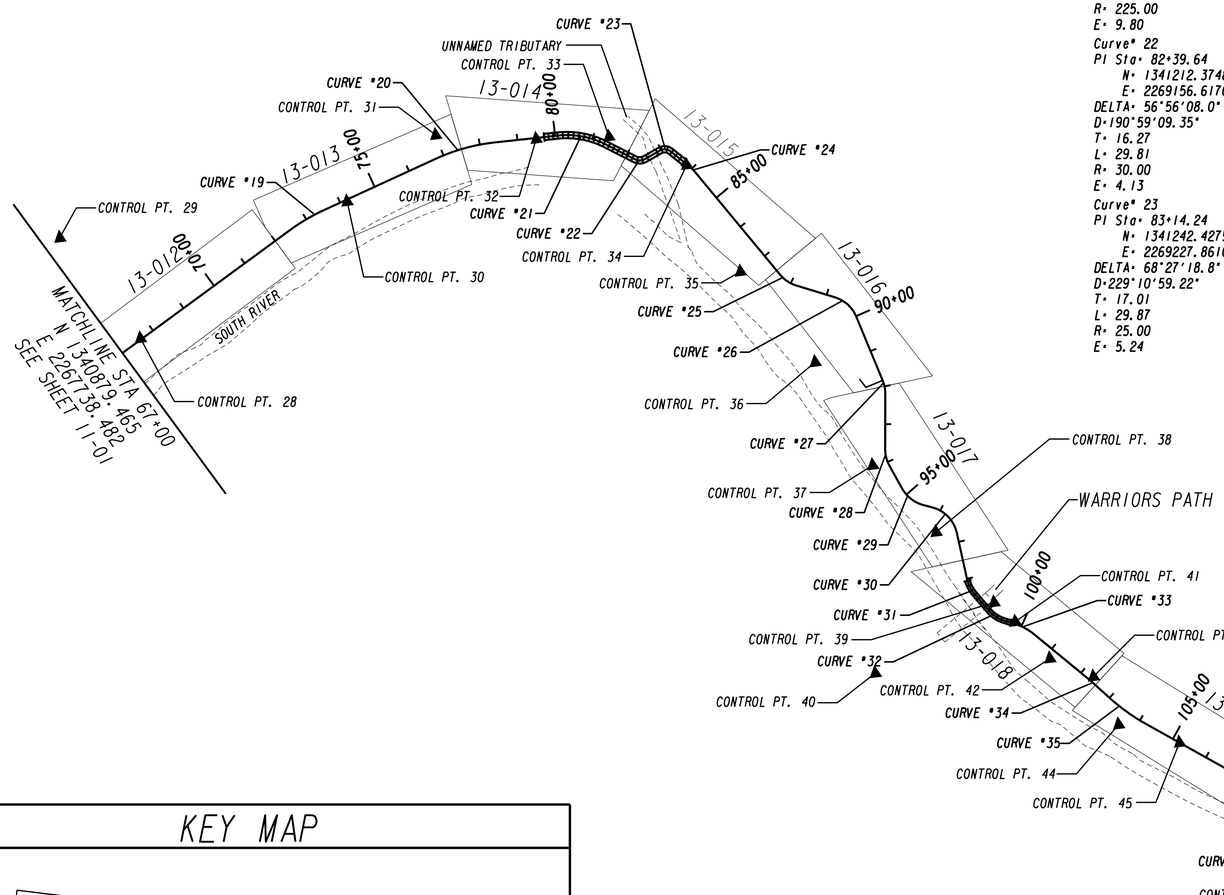
VERIFIED:	MWH	DATE:		

7/31/2015 GPLN



Curve* 21
PI Sta* 80+74.19
N* 1341307.1706
E* 2269016.4156
DELTA* 33°13'54.5" (RT)
D* 25°27'53.25"
T* 67.14
L* 130.50
R* 225.00
E* 9.80

Curve* 22
PI Sta* 82+39.64
N* 1341212.3748
E* 2269156.6170
DELTA* 56°56'08.0" (LT)
D*190°59'09.35"
T* 16.27
L* 29.81
R* 30.00
E* 4.13

Curve* 23
PI Sta* 83+14.24
N* 1341242.4275
E* 2269227.8610
DELTA* 68°27'18.8" (RT)
D*229°10'59.22"
T* 17.01
L* 29.87
R* 25.00
E* 5.24

Curve* 24
PI Sta* 84+01.65
N* 1341177.0356
E* 2269291.9337
DELTA* 11°51'22.0" (RT)
D* 38°11'49.87"
T* 15.58
L* 31.04
R* 150.00
E* 0.81

Curve* 25
PI Sta* 87+91.05
N* 1340848.7428
E* 2269501.5632
DELTA* 33°25'28.6" (LT)
D* 63°39'43.12"
T* 27.02
L* 52.50
R* 90.00
E* 3.97

Curve* 26
PI Sta* 89+64.97
N* 1340777.3319
E* 2269661.8393
DELTA* 50°31'58.0" (RT)
D* 63°39'43.12"
T* 42.48
L* 79.38
R* 90.00
E* 9.52

Curve* 27
PI Sta* 92+01.58
N* 1340543.8976
E* 2269726.3652
DELTA* 22°38'02.1" (RT)
D* 63°39'43.12"
T* 18.01
L* 35.55
R* 90.00
E* 1.78

Curve* 28
PI Sta* 93+89.18
N* 1340357.3055
E* 2269702.8526
DELTA* 29°17'36.7" (LT)
D* 63°39'43.12"
T* 23.52
L* 46.01
R* 90.00
E* 3.02

Curve* 29
PI Sta* 95+18.96
N* 1340236.1126
E* 2269752.0922
DELTA* 45°53'18.5" (LT)
D* 63°39'43.12"
T* 38.10
L* 72.08
R* 90.00
E* 7.73

Curve* 30
PI Sta* 96+32.56
N* 1340192.0160
E* 2269861.2349
DELTA* 62°36'10.8" (RT)
D* 63°39'43.12"
T* 54.72
L* 98.34
R* 90.00
E* 15.33

Curve* 31
PI Sta* 98+22.18
N* 1339992.1725
E* 2269880.1150
DELTA* 27°56'02.1" (LT)
D* 63°39'43.12"
T* 22.38
L* 43.88
R* 90.00
E* 2.74

Curve* 32
PI Sta* 99+27.73
N* 1339903.2412
E* 2269938.6005
DELTA* 32°20'41.8" (LT)
D* 63°39'43.12"
T* 26.10
L* 50.81
R* 90.00
E* 3.71

Curve* 33
PI Sta* 100+11.14
N* 1339868.3120
E* 2270015.8733
DELTA* 22°09'18.6" (RT)
D* 38°11'49.87"
T* 29.37
L* 58.00
R* 150.00
E* 2.85

Curve* 34
PI Sta* 102+36.35
N* 1339704.4757
E* 2270171.4604
DELTA* 2°46'39.8" (RT)
D* 11°27'32.96"
T* 12.12
L* 24.24
R* 500.00
E* 0.15

Curve* 35
PI Sta* 103+58.51
N* 1339611.9178
E* 2270251.1934
DELTA* 13°00'20.7" (LT)
D* 11°27'32.96"
T* 56.99
L* 113.50
R* 500.00
E* 3.24

Curve* 36
PI Sta* 109+60.64
N* 1339255.5704
E* 2270737.1661
DELTA* 84°21'57.4" (LT)
D* 25°27'53.25"
T* 203.90
L* 331.30
R* 225.00
E* 78.64

Curve* 37
PI Sta* 111+92.82
N* 1339485.3668
E* 2270943.2448
DELTA* 8°40'19.4" (LT)
D* 25°27'53.25"
T* 17.06
L* 34.06
R* 225.00
E* 0.65

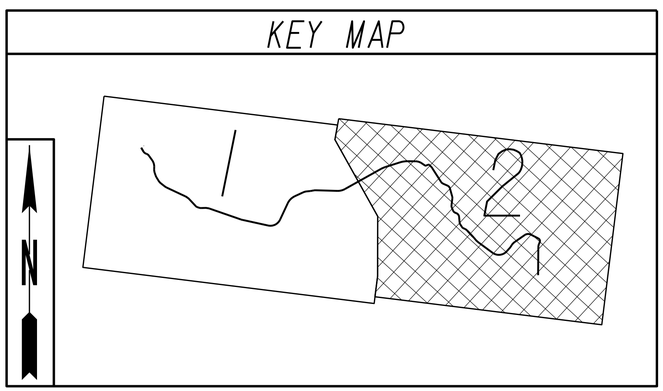
Curve* 38
PI Sta* 113+03.30
N* 1339577.8546
E* 2271003.7979
DELTA* 21°51'38.2" (RT)
D* 25°27'53.25"
T* 43.45
L* 85.85
R* 225.00
E* 4.16

Curve* 39
PI Sta* 116+82.73
N* 1339795.6879
E* 2271315.7523
DELTA* 62°21'10.2" (RT)
D* 44°04'25.24"
T* 78.66
L* 141.47
R* 130.00
E* 21.94

Curve* 40
PI Sta* 119+76.45
N* 1339653.0958
E* 2271590.5258
DELTA* 84°04'45.1" (RT)
D* 95°29'34.68"
T* 54.10
L* 88.05
R* 60.00
E* 20.79

Curve* 41
PI Sta* 120+91.71
N* 1339527.1140
E* 2271540.8851
DELTA* 20°57'09.8" (LT)
D* 28°38'52.40"
T* 36.98
L* 73.14
R* 200.00
E* 3.39

KEY MAP



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SCALE IN FEET
0 200 400 800

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CONSTRUCTION LAYOUT

SOUTH RIVER TRAIL, PHASE 5

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	11-0002
CORRECTED:		DATE:	
VERIFIED:		DATE:	

7/31/2015 GPLN

SUMMARY OF SURVEY CONTROL POINTS

CONTROL PT NO.	STATION	OFFSET	N	E	ELEV.	DESCRIPTION
1	50+98.51	3647.37' LT	1342262.5100	2263096.9200	765.60	* 7½" RBS eGPS
2	13+79.97	1142.04' LT	1341944.9930	2264346.3050	790.78	* 3½" RBS eGPS
3	24+18.44	740.90' LT	1341269.9150	2264334.7060	770.12	* 1½" RBS eGPS
4	10+13.28	69.64' LT	1341625.2470	2263215.0500	762.53	* 6½" RBS eGPS
5	14+09.32	11.27' LT	1341299.1960	2263415.1410	754.22	* 18 NS
6	16+03.01	3.13' RT	1341103.6460	2263425.3520	753.78	* 19 NS
7	17+52.10	4.80' LT	1340966.9350	2263482.9510	753.71	* 20 NS
8	19+38.16	17.75' RT	1340808.0720	2263584.0880	752.76	* 21 NS
9	21+05.28	2.84' RT	1340730.5580	2263734.4460	752.46	* 22 NS
10	22+79.85	18.40' LT	1340675.3710	2263901.4130	751.63	* 23 NS
11	24+44.79	14.50' LT	1340601.5500	2264048.9660	752.35	* 24 NS
12	26+58.48	23.29 ' LT	1340477.5060	2264228.7230	751.34	* 25 NS
13	28+54.63	57.13' LT	1340388.7000	2264375.2080	763.96	* 101 NS
14	31+61.09	14.34' RT	1340275.0380	2264652.0510	751.49	* 107 NS
15	35+69.14	17.95' RT	1340137.9870	2265036.4180	751.85	* 120 NS
16	37+83.30	19.43' RT	1340066.4430	2265238.2730	757.32	* 124 NS
17	39+06.22	64.97' LT	1340117.8410	2265377.4900	764.20	* 129 NS
18	40+13.53	75.38' LT	1340105.0640	2265484.5440	751.26	* 133 NS
19	43+11.42	49.61' LT	1340016.1870	2265770.0250	750.98	* 135 NS
20	44+79.81	19.91' LT	1339970.1360	2265921.5280	752.12	* 141 NS
21	46+68.44	12.78' RT	1340049.7680	2266085.9730	750.50	* 143 NS
22	51+64.98	12.60' LT	1340506.9110	2266289.0710	751.19	* 157 NS
23	54+73.29	2.53' LT	1340650.8390	2266564.1490	752.35	* 164 NS
24	57+01.50	31.15' RT	1340661.4090	2266793.8030	753.97	* 167 NS
25	59+07.27	10.16' LT	1340703.0730	2266993.6050	751.20	* 172 NS
26	62+06.86	4.46' RT	1340680.2580	2267292.6830	749.04	* 179 NS
27	65+17.71	30.43' RT	1340763.9140	2267594.2470	751.16	* 182 NS
28	67+61.20	3.00' LT	1340911.9550	2267790.4230	747.12	* 187 NS eGPS
29	67+46.96	343.07 LT	1341201.7980	2267611.9860	749.14	* 9 NS eGPS
30	74+17.97	4.61' RT	1341203.7880	2268376.2930	746.82	* 201 NS
31	77+01.25	57.57' LT	1341349.1480	2268630.0740	744.81	* 208 NS
32	79+49.88	2.59' RT	1341306.3820	2268892.0800	746.42	* 214 NS
33	81+36.31	22.21' LT	1341288.7160	2269083.3530	746.39	* 219 NS
34	83+82.88	1.26' RT	1341189.5560	2269277.8970	746.30	* 224 NS
35	86+90.81	75.32' RT	1340892.6890	2269384.1390	745.92	* 230 NS
36	90+70.65	146.20' RT	1340631.1420	2269550.5660	746.55	* 234 NS
37	93+95.78	39.94' RT	1340342.3830	2269667.9800	746.23	* 242 NS
38	96+42.99	50.08' RT	1340146.8940	2269812.4970	746.64	* 249 NS
39	98+95.63	24.67' LT	1339943.6230	2269941.5720	765.16	* 254 NS eGPS
40	98+41.76	335.19' RT	1339796.9190	2269607.4630	779.31	* 8 NS eGPS
41	99+81.22	6.18' LT	1339886.2640	2269991.1590	747.37	* 41 NS

CONTROL PT NO.	STATION	OFFSET	N	E	ELEV.	DESCRIPTION
42	101+12.37	22.59' RT	1339778.8160	2270069.7080	746.39	* 40 NS
43	102+31.39	13.72' LT	1339717.3430	2270178.0900	746.55	* 39 NS
44	103+60.54	39.66' RT	1339583.5100	2270228.2780	748.01	* 38 NS
45	105+20.00	0.26' LT	1339516.3400	2270381.9750	744.66	* 37 NS
46	107+40.96	32.65' LT	1339411.8010	2270579.3140	743.41	* 36 NS
47	109+89.17	16.71' LT	1339365.7630	2270786.9620	743.70	* 35 NS
48	113+76.91	26.72' RT	1339598.6990	2271080.3110	745.04	* 34 NS
49	115+97.23	14.44' LT	1339758.5820	2271237.3870	748.52	* 32 NS
50	116+99.84	1.51' LT	1339774.5140	2271342.3630	751.92	* 32 NS
51	118+02.12	12.82' LT	1339744.7720	2271441.6940	747.96	* 31 NS
52	119+02.49	1.47' RT	1339685.8550	2271524.2020	747.33	* 30 NS
53	121+18.10	50.33' RT	1339502.8330	2271490.6170	749.12	* 29 NS
54	123+15.82	36.72' RT	1339302.5440	2271501.9900	748.66	* 28 NS
55	124+56.36	8.68' RT	1339161.7400	2271528.6800	752.34	* 27 NS
56	126+58.60	4.25' RT	1338959.4700	2271531.1560	756.01	* 26 NS
57	110+37.78	613.13' RT	1338873.6860	2271190.2870	758.00	* 4½" RBS eGPS
58	111+83.35	949.35' RT	1338868.7690	2271664.5660	754.72	* 5½" RBS eGPS

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 200 400 800

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
CONSTRUCTION LAYOUT
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
BACKCHECKED:	CAD	DATE:	
CORRECTED:	AE & PAL	DATE:	
VERIFIED:	MWH	DATE:	

DRAWING No.
11-0003

BEGIN PROJECT
BEGIN CONSTRUCTION
SOUTH RIVER TRAIL
STA 10+11.00
N = 1341591.5549
E = 2263154.0625

TIE TO EXISTING
GRAVEL PARKING LOT

01 BOARD OF REGENTS OF THE UNIVERSITY SYSTEM OF GEORGIA TAX ID 15-088-01-002

EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES

STEEL BOLLARDS, STA 10+17.00
SEE DWG. NO. 26-0026 FOR DETAILS

P.T. 11+75.30

P.C. 11+02.90

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
ESA - DEKALB COUNTY 75' STREAM BUFFER

S 30°47'29" E
℄ SOUTH RIVER TRAIL & PGL
CURVE #1

TYPE A RAMP

ORANGE BARRIER FENCE (TYP)

P.C. 11+82.68

S 72°16'18" E

SEE DWG NO. 38-0001 FOR REST AREA DETAILS

01 BOARD OF REGENTS OF THE UNIVERSITY SYSTEM OF GEORGIA TAX ID 15-088-01-002

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
ESA - 25' STREAM BUFFER

APPARENT (TYP) 15' SSE

A-1, A-2, B-1, B-2, C-1, C-2

CURVE #2
S 34°51'36" E

6 SY RIP RAP TYP 3

P.T. 12+47.98

3' GRASS SHOULDER TYP.

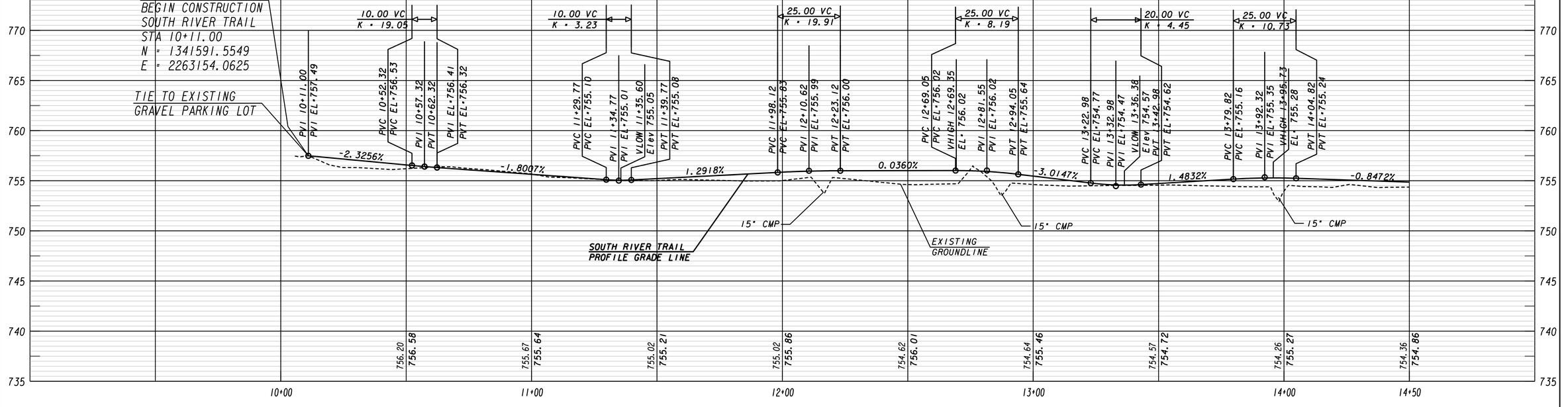
P.C. 13+73.41

CURVE #3

01 BOARD OF REGENTS OF THE UNIVERSITY SYSTEM OF GEORGIA TAX ID 15-088-01-002

MATCHLINE STA 14+50
N 1341256.26
E 2263419.24
SEE SHEET 13-0002

SEE RIGHT-OF-WAY PLANS FOR PROPOSED EASEMENT DETAILS.



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

MAINLINE PLAN SCALE:
SCALE IN FEET
0 20 40 80

PROFILE SCALE:
SCALE 1 inch = 5 feet Vert.
SCALE 1 inch = 20 feet Horiz.

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

MAINLINE PLAN & PROFILE

SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
BACKCHECKED:	CAD	DATE:	05-07-2018
CORRECTED:	AE & PAL	DATE:	05-07-2018
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 13-0001

11/30/2011 GR320E

SEE RIGHT-OF-WAY PLANS FOR PROPOSED EASEMENT DETAILS.

MATCHLINE STA 14+50
N 1341256.26
E 2263419.24
SEE SHEET 13-0001

MATCHLINE STA 20+00
N 1340783.46
E 2263643.54
SEE SHEET 13-0003

01 BOARD OF REGENTS OF THE UNIVERSITY SYSTEM OF GEORGIA TAX ID 15-088-01-002

02 DEKALB COUNTY BOE TAX ID 15-074-01-004

03 DEKALB COUNTY BOE TAX ID 15-073-01-004

04 DEKALB COUNTY BOE TAX ID 15-073-01-005

CURVE #3
CURVE #4
CURVE #5
CURVE #6

S 1°10'10" W
S 19°13'02" E
S 30°36'46" E
S 51°29'33" E

P.C. 15+66.10
P.T. 15+14.90
P.T. 16+46.16
P.C. 17+00.79
P.T. 17+45.54
P.C. 18+20.36
P.T. 19+02.36

℄ SOUTH RIVER TRAIL & PGL

EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES

3' GRASS SHOULDER TYP.

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

ESA - 25' STREAM BUFFER

ESA - DEKALB COUNTY 75' STREAM BUFFER

15.00 VC
K = 265.82
PVC 14+90.32
PVC EL=754.52
PVI 14+97.82
PVI EL=754.46
PVT 15+05.32
PVT EL=754.40

10.00 VC
K = 6.01
PVC 15+87.58
PVC EL=753.75
PVI 15+92.58
PVI EL=753.71
VLOW 15+92.33
Elev 753.73
PVT 15+97.58
PVT EL=753.75

20.00 VC
K = 12.92
PVC 16+49.54
PVC EL=754.20
PVI 16+59.54
PVI EL=754.29
VHIGH 16+60.83
EL= 754.25
PVT 16+69.54
PVT EL=754.22

10.00 VC
K = 11.44
PVC 17+43.51
PVC EL=753.73
PVI 17+48.51
PVI EL=753.69
VLOW 17+51.22
Elev 753.70
PVT 17+53.51
PVT EL=753.70

20.00 VC
K = 120.08
PVC 17+98.73
PVC EL=753.79
PVI 18+08.73
PVI EL=753.81
PVT 18+18.73
PVT EL=753.82

-0.8472% -0.7908% 0.8743% -0.6739% 0.2001% PGL 0.0335%

EXISTING GROUNDLINE

| | | |

03
DEKALB COUNTY BOE
TAX ID 15-073-01-004

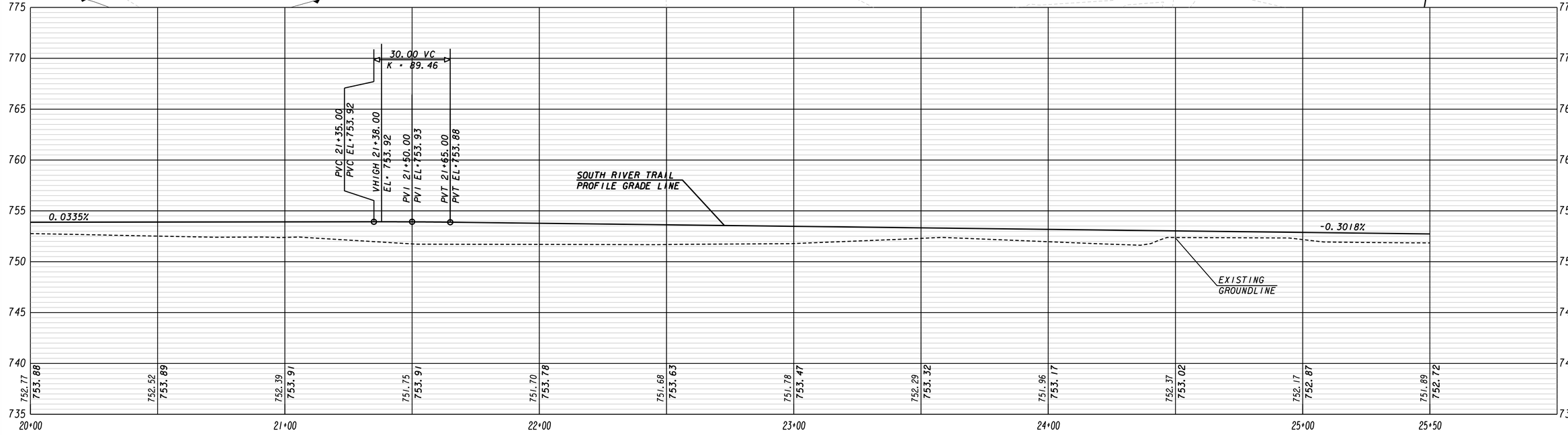
04
DEKALB COUNTY BOE
TAX ID 15-073-01-005

21+00 22+00 23+00 24+00 25+00

MATCHLINE STA 20+00
N 1340783.46
E 2263643.54
SEE SHEET 13-0002

MATCHLINE STA 25+50
N 1340537.76
E 2264134.70
SEE SHEET 13-0004

P.C. 20+01.12
P.T. 20+53.28
CURVE #7
S 64°46'29" E
S 51°29'33" E
3' GRASS SHOULDER TYP.
2%
℄ SOUTH RIVER TRAIL & PGL
6 SY RIP RAP TYP 3
EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES
CURVE #8
22.50'
P.C. 24+86.61
ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
ESA - DEKALB COUNTY 75' STREAM BUFFER
SS
SEE RIGHT-OF-WAY PLANS FOR PROPOSED EASEMENT DETAILS.



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

MAINLINE PLAN SCALE:
SCALE IN FEET
0 20 40 80

PROFILE SCALE:
SCALE 1 inch = 5 feet Vert.
SCALE 1 inch = 20 feet Horiz.

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
MAINLINE PLAN & PROFILE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
BACKCHECKED:	CAD	DATE:	05-07-2018
CORRECTED:	AE & PAL	DATE:	05-07-2018
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 13-0003

04
DEKALB COUNTY BOE
TAX ID 15-073-01-005

05
N/F
PERIMETER EAST
PROPERTY OWNER, LLC
TAX ID 15-072-01-006

EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES
26'00
MATCHLINE STA 25+50
N 1340537.76
E 2264134.70
SEE SHEET 13-0003
P.T. 25+99.97
CURVE #8
S 43°07'29" E
3' GRASS SHOULDER TYP.
BEGIN GRAVITY WALL
BEGIN PAVED SHOULDER
GA STD 9031L
STA 27+53.00
27'00
6 SY RIP RAP TYP 3
EXISTING R/W
PANTHERSVILLE ROAD
ZAYO FOC
L.L. 73
L.L. 72
P.C. 27+92.30
28'00
P.C. 28+80.05
29'00
APPARENT (TYP) 15' SSE
ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
ESA - 25' STREAM BUFFER
CURVE #9
CURVE #10
S 7°36'26" E
P.T. 28+37.04
ESA - WETLAND 2
ESA - DEKALB COUNTY 75' STREAM BUFFER
ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
BEGIN BOARDWALK 1
STA 30+85.00
EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES
30'00
ORANGE BARRIER FENCE (TYP)
END GRAVITY WALL
END PAVED SHOULDER
GA STD 9031L
STA 28+95.00
CURVE #11
N 88°25'11" E
℄ SOUTH RIVER TRAIL & PGL
P.C. 29+94.32
TOP OF BANK - POINT OF WRESTED VEGETATION
P.T. 29+11.40
SOUTH RIVER (PS 3)
MATCHLINE STA 31+00
N 1340308.58
E 2264599.02
SEE SHEET 13-0005
SEE RIGHT-OF-WAY PLANS FOR PROPOSED EASEMENT DETAILS.

30.00 VC
K = 18.09
PVC 27+35.00
PVC EL=752.16
LOW 27+40.46
Elev 752.15
PVI 27+50.00
PVI EL=752.12
PVT 27+65.00
PVT EL=752.32
20.00 VC
K = 21.73
PVC 28+12.09
PVC EL=752.96
PVI 28+22.09
PVI EL=753.09
PVI 28+32.09
PVT EL=753.14
℄ PANTHERSVILLE ROAD
MIN. CLEARANCE = 8.0'
10.00 VC
K = 3.09
PVC 28+94.43
PVC EL=753.41
PVI 28+99.43
PVI EL=753.43
58.00 VC
K = 14.67
PVT 29+04.43
PVT EL=753.62
PVC 29+07.17
PVC EL=753.72
PVI 29+36.17
PVI EL=754.78
VHIGH 29+61.05
EL=754.97
PVT 29+65.17
PVT EL=754.70
20.00 VC
K = 95.59
PVC 30+20.22
PVC EL=754.55
PVI 30+30.22
PVI EL=754.52
PVT 30+40.22
PVT EL=754.47
BEGIN BOARDWALK
STA 30+85.00
EL = 754.25
BOARDWALK 1
SOUTH RIVER TRAIL PROFILE GRADE LINE
-0.3018%
1.3565%
0.4363%
3.6740%
-0.2807%
-0.4900%
EXISTING GROUNDLINE
EXISTING SEWER LINE FIELD VERIFY ELEVATION
BEGIN BOARDWALK 1 STA 30+85.00
EXISTING SEWER LINE FIELD VERIFY ELEVATION

751.89 752.72 | 751.70 752.57 | 751.48 752.42 | 751.40 752.27 | 753.86 752.18 | 756.19 752.79 | 753.17 753.22 | 753.58 753.48 | 754.37 754.74 | 752.84 754.60 | 752.43 754.42 | 751.31 754.18

775 770 765 760 755 750 745 740 735
25+50 26+00 27+00 28+00 29+00 30+00 31+00

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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

MAINLINE PLAN SCALE:
SCALE IN FEET
0 20 40 80

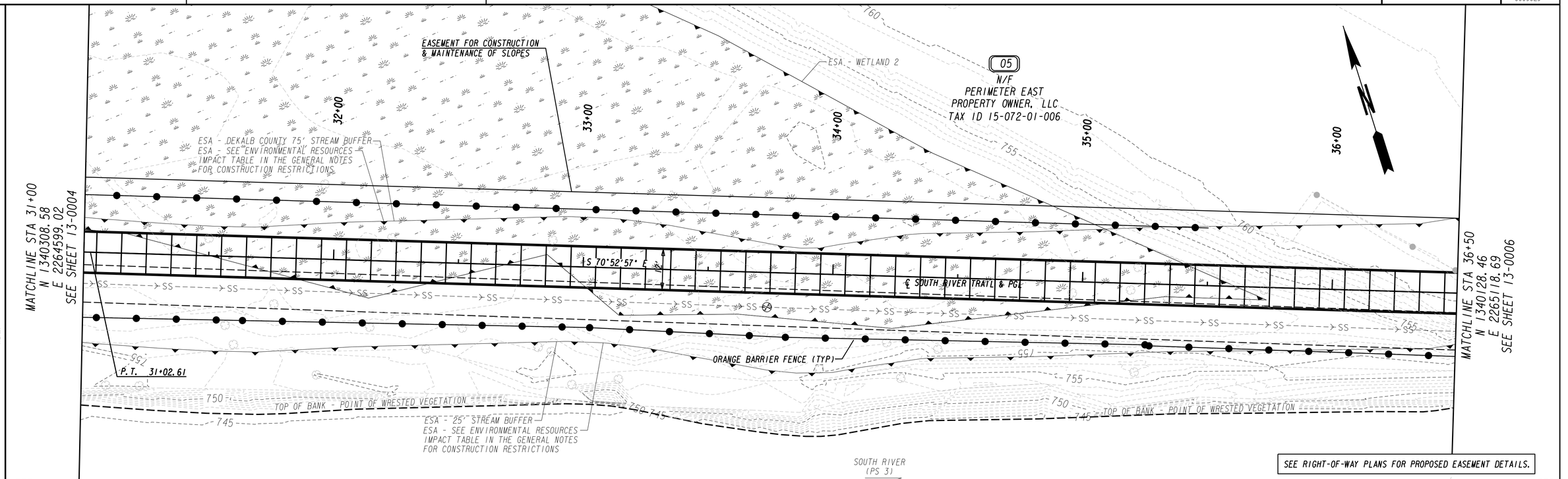
PROFILE SCALE:
SCALE 1 inch = 5 feet Vert.
SCALE 1 inch = 20 feet Horiz.

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
MAINLINE PLAN & PROFILE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018	DRAWING No.
BACKCHECKED:	CAD	DATE:	05-07-2018	
CORRECTED:	AE & PAL	DATE:	05-07-2018	13-0004
VERIFIED:	MWH	DATE:	05-07-2018	

11/30/2011 GR32QE



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

MAINLINE PLAN SCALE:
SCALE IN FEET
0 20 40 80

PROFILE SCALE:
SCALE 1 inch = 5 feet Vert.
SCALE 1 inch = 20 feet Horiz.

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

MAINLINE PLAN & PROFILE

SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE: 04-21-2018	DRAWING No.
BACKCHECKED:	CAD	DATE: 05-07-2018	13-0005
CORRECTED:	AE & PAL	DATE: 05-07-2018	
VERIFIED:	MWH	DATE: 05-07-2018	

11/30/2011 GR320E

05
N/F
PERIMETER EAST
PROPERTY OWNER, LLC
TAX ID 15-072-01-006

ESA - WETLAND 4

EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES

MATCHLINE STA 36+50
N 1340128.46
E 2265118.69
SEE SHEET 13-0005

37+00 38+00 39+00 40+00 41+00

P.C. 38+01.94
P.T. 38+37.39

ESA - DEKALB COUNTY 75' STREAM BUFFER
ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

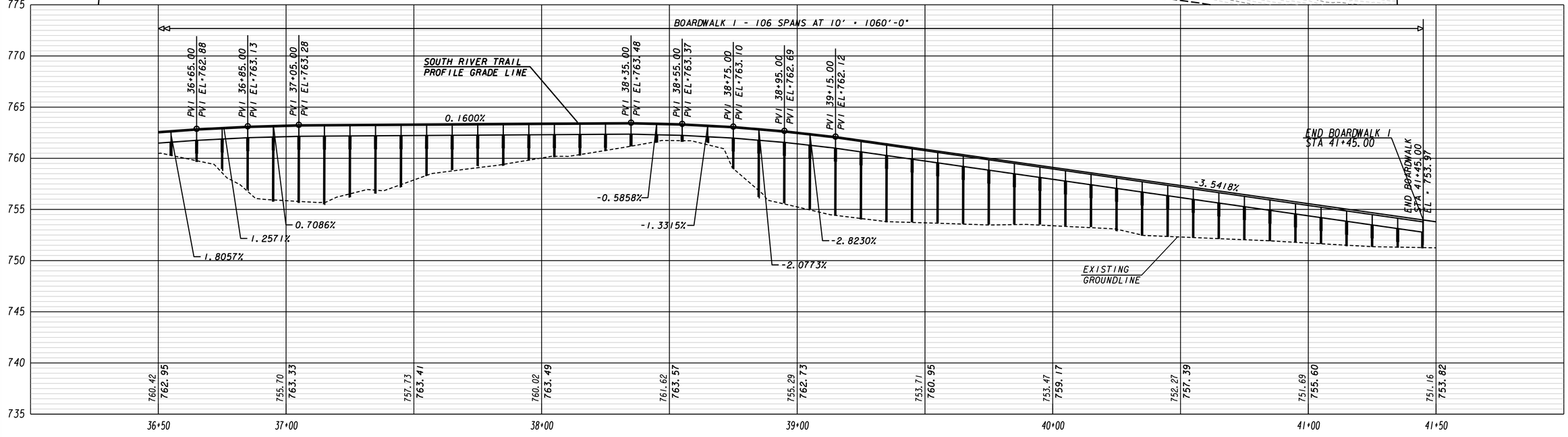
END BOARDWALK I
STA 41+45.00

MATCHLINE STA 41+50
N 1340002.24
E 2265601.73
SEE SHEET 13-0007

S 70°52'57" E
CURVE #2
S 77°39'08" E
℄ SOUTH RIVER TRAIL & PGL
12'
0.02'

ESA - 25' STREAM BUFFER
ORANGE BARRIER FENCE (TYP)
TOP OF BANK - POINT OF WRESTED VEGETATION
ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

SEE RIGHT-OF-WAY PLANS FOR PROPOSED EASEMENT DETAILS.



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

MAINLINE PLAN SCALE:
SCALE IN FEET
0 20 40 80

PROFILE SCALE:
SCALE 1 inch = 5 feet Vert.
SCALE 1 inch = 20 feet Horiz.

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
MAINLINE PLAN & PROFILE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018	DRAWING No.
BACKCHECKED:	CAD	DATE:	05-07-2018	13-0006
CORRECTED:	AE & PAL	DATE:	05-07-2018	
VERIFIED:	MWH	DATE:	05-07-2018	

11/30/2011 GR320E

ESA - WETLAND 4

42+00

EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES

05
N/F
PERIMETER EAST
PROPERTY OWNER, LLC
TAX ID 15-072-01-006

MATCHLINE STA 41+50
N 1340002.24
E 2265601.73
SEE SHEET 13-0006

43+00

SEE DWG NO. 38-0001
FOR REST AREA DETAILS

3' GRASS SHOULDER TYP.

44+00

45+00

46+00

MATCHLINE STA 46+50
N 1340040.85
E 2266064.92
SEE SHEET 13-0008

SEE RIGHT-OF-WAY PLANS FOR PROPOSED EASEMENT DETAILS.

N

S 77°39'08" E

21' 100'

APPARENT (TYP) 15' SSE

P.C. 43+87.24

℄ SOUTH RIVER TRAIL & PGL

15' 12'

CURVE #13

ESA - 25' STREAM BUFFER

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

POINT OF WRESTED VEGETATION

750

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

ESA - DEKALB COUNTY 75' STREAM BUFFER

ESA - 25' STREAM BUFFER

ESA - DEKALB COUNTY 75' STREAM BUFFER

℄

775 770 765 760 755 750 745 740 735

30.00 VC
K = 7.16

30.00 VC
K = 42.38

15.00 VC
K = 117.25

30.00 VC
K = 48.28

END BOARDWALK
STA 41+50.00

PVC 42+12.12
PVC EL=751.60

PVI 42+27.12
PVI EL=751.06

VLOW 42+37.47
Elev 751.15

PVT 42+42.12
PVT EL=751.16

PVC 42+90.85
PVC EL=751.48

PVI 43+05.85
PVI EL=751.58

VHIGH 43+18.45
EL= 751.57

PVT 43+20.85
PVT EL=751.57

PVC 44+71.96
PVC EL=751.48

VLOW 44+78.62
Elev 751.48

PVI 44+79.46
PVI EL=751.48

PVT 44+86.96
PVT EL=751.48

PVC 45+28.49
PVC EL=751.51

VHIGH 45+31.92
EL= 751.51

PVI 45+43.49
PVI EL=751.52

PVT 45+58.49
PVT EL=751.44

SOUTH RIVER TRAIL
PROFILE GRADE LINE

-3.5418%

0.6510%

-0.0568%

0.0711%

-0.5502%

EXISTING GROUNDLINE

EXISTING SEWER LINE
FIELD VERIFY ELEVATION

EXISTING SEWER LINE
FIELD VERIFY ELEVATION

751.16 753.82 | 751.27 752.03 | 750.78 751.21 | 751.25 751.52 | 751.08 751.36 | 750.90 751.11 | 751.01 751.29 | 751.50 751.49 | 751.48 751.48 | 751.17 751.21 | 750.08 750.94

41+50 42+00 43+00 44+00 45+00 46+00 46+50

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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

MAINLINE PLAN SCALE:
SCALE IN FEET
0 20 40 80

PROFILE SCALE:
SCALE 1 inch = 5 feet Vert.
SCALE 1 inch = 20 feet Horiz.

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

MAINLINE PLAN & PROFILE

SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE: 04-21-2018	DRAWING No.
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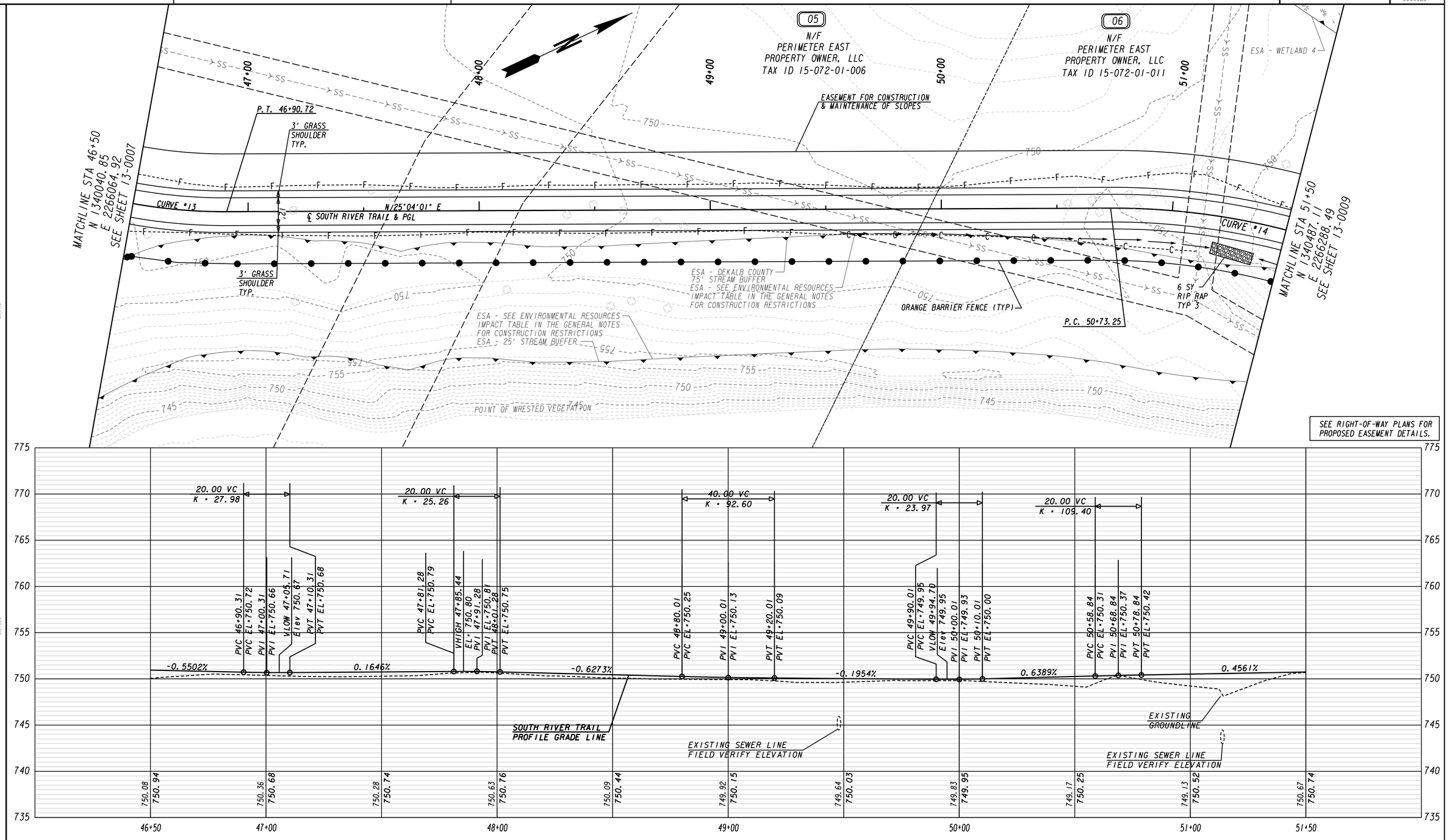
CORRECTED:	AE & PAL	DATE: 05-07-2018	13-0007
VERIFIED:	MWH	DATE: 05-07-2018	

11/30/2011 GR32OE



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
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(770)424-1668

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DEKALB COUNTY & PATH FOUNDATION

MAINLINE PLAN & PROFILE

SOUTH RIVER TRAIL, PHASE 5

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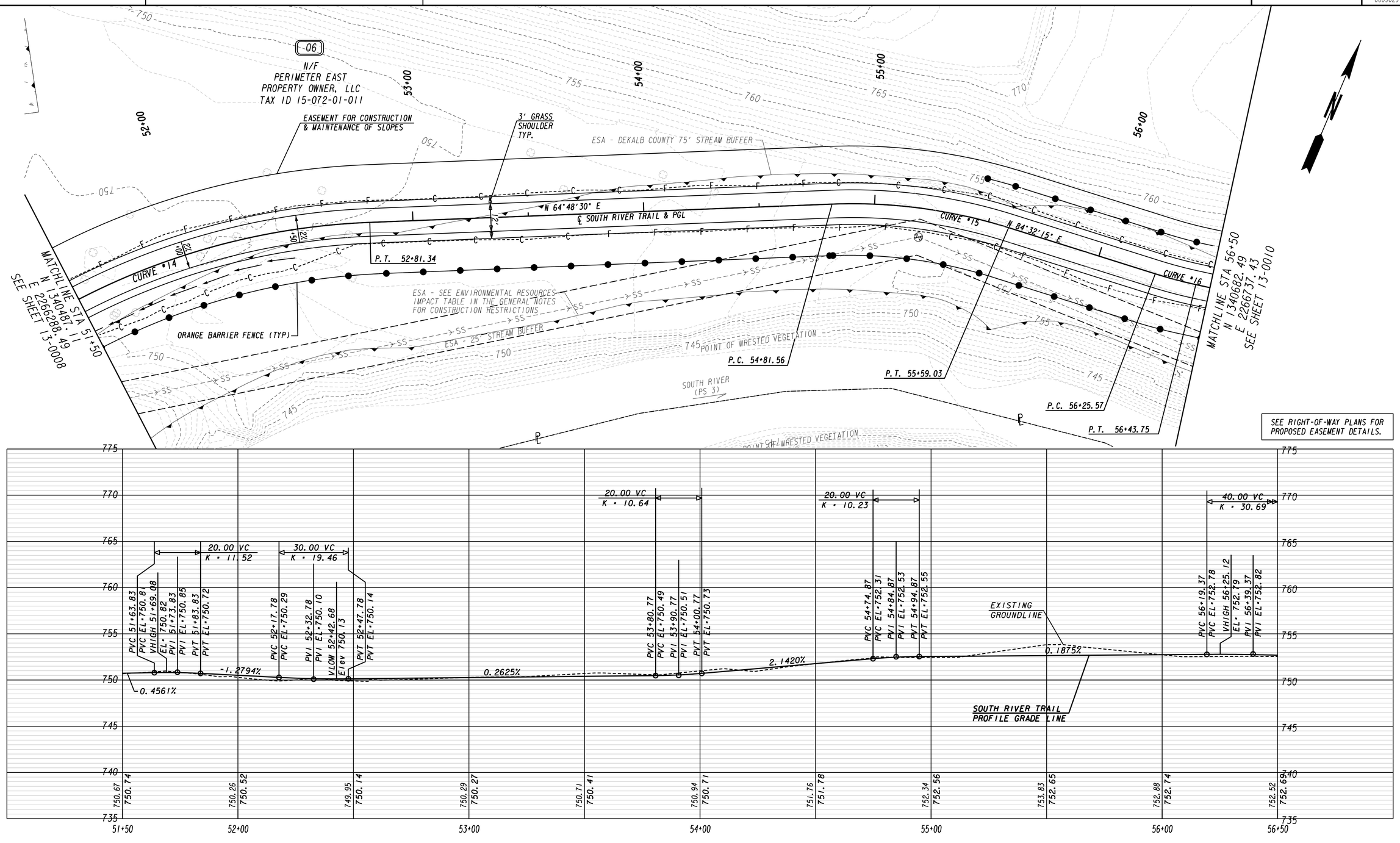

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

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Heath & Lineback Engineers
INCORPORATED
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MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

PROFILE SCALE:
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SCALE 1 inch = 20 feet Horiz.

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
MAINLINE PLAN & PROFILE
SOUTH RIVER TRAIL, PHASE 5

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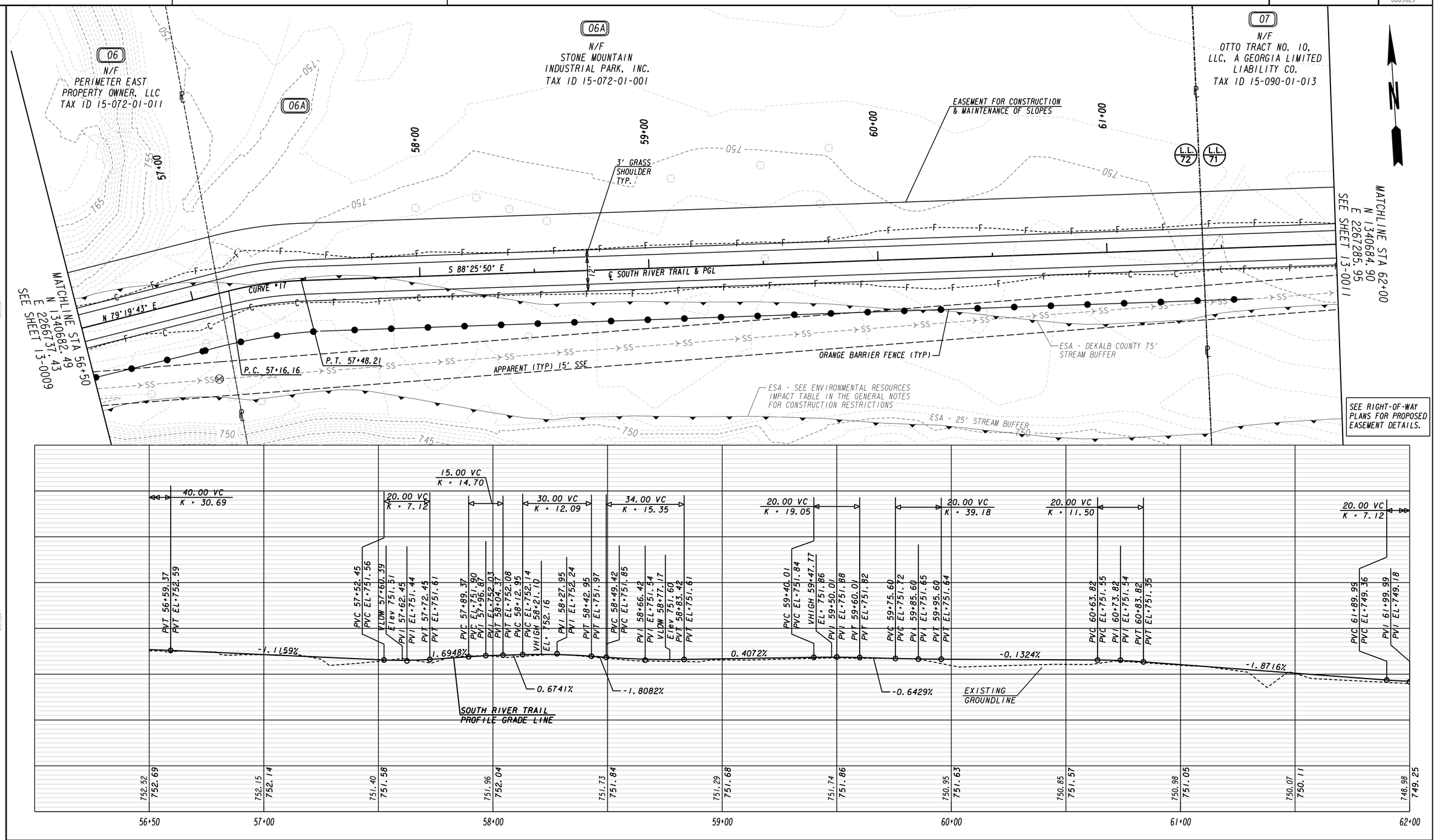

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
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EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
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MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
MAINLINE PLAN & PROFILE
SOUTH RIVER TRAIL, PHASE 5

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VERIFIED:	MWH	DATE:	05-07-2018	

11/30/2011 GR320E

07
N/F
OTTO TRACT NO. 10, LLC,
A GEORGIA LIMITED LIABILITY CO.
TAX ID 15-090-01-013

ESA - DEKALB COUNTY 75' STREAM BUFFER
ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
ESA - 25' STREAM BUFFER

MATCHLINE STA 62+00
N 1340684.90
E 2267285.95
SEE SHEET 13-0010

S 88°25'50" E
P.C. 62+17.24
EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES
P.T. 63+78.46
CURVE #18
N 60°46'44" E
℄ SOUTH RIVER TRAIL & PGL
BEGIN BRIDGE STA 65+09.42
BEGIN BOARDWALK STA 64+80.00
END BRIDGE STA 65+59.42
END BOARDWALK STA 65+88.00
3' GRASS SHOULDER TYP.
ORANGE BARRIER FENCE (TYP)
UNNAMED TRIBUTARY (PS 5)
TOP OF BANK
ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

MATCHLINE STA 67+00
N 1340879.46
E 2267738.48
SEE SHEET 13-0012

SEE RIGHT-OF-WAY PLANS FOR PROPOSED EASEMENT DETAILS.

20.00 VC K = 7.12
20.00 VC K = 20.90
30.00 VC K = 811.73
30.00 VC K = 7.94

VLOW 62+03.32 Elev 749.24
PVT 62+09.99 PVT EL=749.27
PVC 62+40.02 PVC EL=749.55
PVI 62+50.02 PVI EL=749.64
VHIGH 62+59.58 EL=749.64
PVT 62+60.02 PVT EL=749.64
PVC 63+02.82 PVC EL=749.63
PVI 63+17.82 PVI EL=749.63
PVT 63+32.82 PVT EL=749.62
PVC 63+71.10 PVC EL=749.60
VLOW 63+71.56 Elev 749.60
PVI 63+86.10 PVI EL=749.59
PVT 64+01.10 PVT EL=750.15
PVI 65+09.42 PVI EL=754.18
PVI 65+61.25 PVI EL=754.00

0.9360% -0.0209% -0.0579% 3.7222% -0.3473% -3.4508%

ABNORMAL FLOW 100 YR. FLOOD EL. 757.90
ABNORMAL FLOW 50 YR. FLOOD EL. 757.10
EXISTING GROUNDLINE
NORMAL FLOW 50 YR. FLOOD EL. 748.53
NORMAL FLOW 100 YR. FLOOD EL. 748.70

748.98 749.25 | 749.33 749.62 | 749.39 749.63 | 748.66 749.61 | 748.37 750.11 | 749.53 751.97 | 750.28 753.83 | 749.21 754.04 | 750.17 752.66 | 748.87 750.94 | 747.96 749.21

62+00 63+00 64+00 65+00 66+00 67+00

775 770 765 760 755 750 745 740 735

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

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LIMIT OF ACCESS
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Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

PROFILE SCALE:
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SCALE 1 inch = 20 feet Horiz.

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
MAINLINE PLAN & PROFILE
SOUTH RIVER TRAIL, PHASE 5

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11/30/2011 GR320E

07
N/F
OTTO TRACT NO. 10, LLC,
A GEORGIA LIMITED LIABILITY CO.
TAX ID 15-090-01-013

MATCHLINE STA 67+00
N 1340879.46
E 2267738.48
SEE SHEET 13-0011

MATCHLINE STA 72+00
N 1341123.55
E 2268174.85
SEE SHEET 13-0013

68+00 69+00 70+00 71+00

EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES

3' GRASS SHOULDER TYP.

N 60°46'44" E
℄ SOUTH RIVER TRAIL & PGL

12'

SEE DWG NO. 38-0001 FOR REST AREA DETAILS

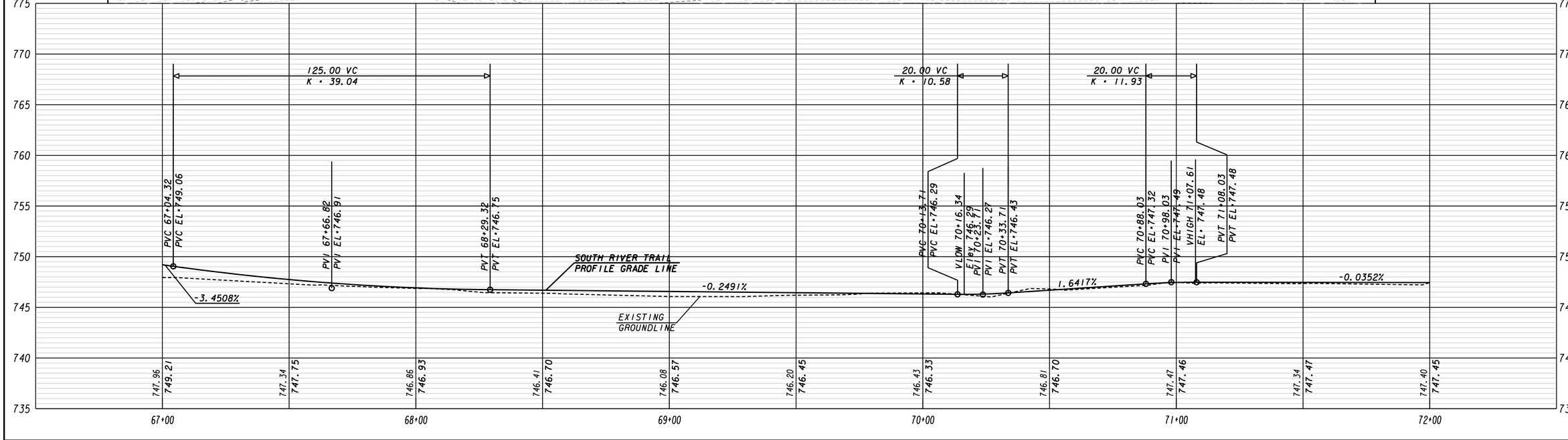
ESA - DEKALB COUNTY 75' STREAM BUFFER

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

3' GRASS SHOULDER TYP.

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
ESA - 25' STREAM BUFFER

SEE RIGHT-OF-WAY PLANS FOR PROPOSED EASEMENT DETAILS.



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
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Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

PROFILE SCALE:
SCALE 1 inch = 5 feet Vert.
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
MAINLINE PLAN & PROFILE
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11/30/2011 GR320E

07
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OTTO TRACT NO. 10, LLC,
A GEORGIA LIMITED LIABILITY CO.
TAX ID 15-090-01-013

MATCHLINE STA 72+00
N 1341123.55
E 2268174.85
SEE SHEET 13-0012

MATCHLINE STA 77+50
N 1341303.87
E 2268692.63
SEE SHEET 13-0014

EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES

3' GRASS SHOULDER TYP.

12'

℄ SOUTH RIVER TRAIL & PGL

CURVE #19
N 60°46'44" E
N 72°21'26" E
CURVE #20

P.C. 72+49.07
P.T. 73+50.11
P.C. 76+78.39

ESA - DEKALB COUNTY 75' STREAM BUFFER
ESA - 25' STREAM BUFFER
ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
POINT OF WRESTED VEGETATION

ORANGE BARRIER FENCE (TYP)

SEE RIGHT-OF-WAY PLANS FOR PROPOSED EASEMENT DETAILS.

20.00 VC
K = 149.14
PVC 73+53.70
PVC EL=747.40
PVI 73+63.70
PVI EL=747.39
PVT 73+73.70
PVT EL=747.38

20.00 VC
K = 27.78
PVC 74+38.21
PVC EL=747.27
VLOW 74+42.92
Elev 747.26
PVI 74+48.21
PVI EL=747.25
PVT 74+58.21
PVT EL=747.31

20.00 VC
K = 27.74
PVC 75+46.85
PVC EL=747.79
PVI 75+56.85
PVI EL=747.85
VHIGH 75+62.13
EL= 747.84
PVT 75+66.85
PVT EL=747.83

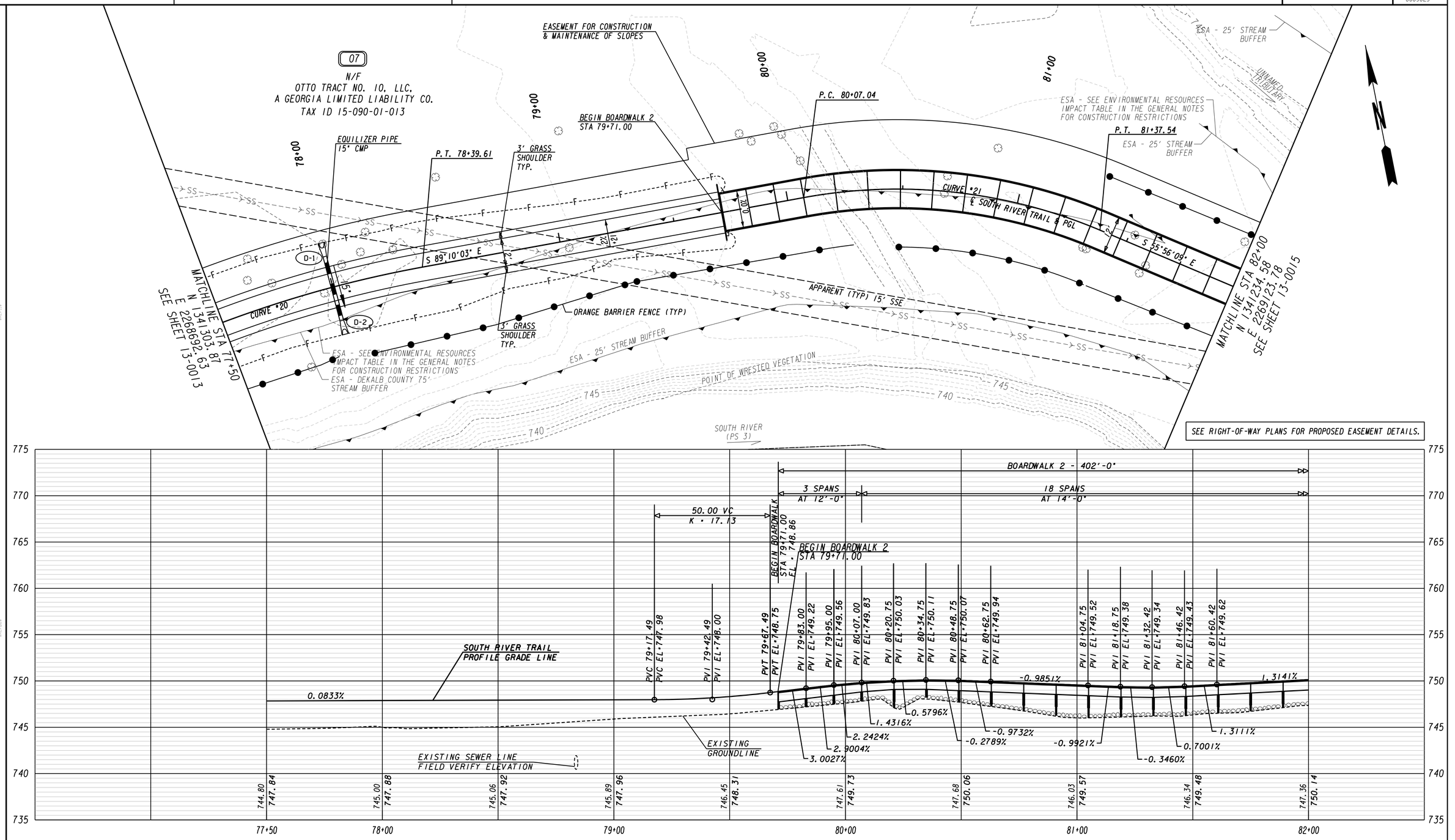
20.00 VC
K = 78.87
PVC 76+13.59
PVC EL=747.75
PVI 76+23.59
PVI EL=747.73
VLOW 76+27.02
Elev 747.74
PVT 76+33.59
PVT EL=747.74

SOUTH RIVER TRAIL PROFILE GRADE LINE

-0.0352% -0.1693% 0.5505% -0.1703% 0.0833%

EXISTING GROUNDLINE
EXISTING SEWER LINE FIELD VERIFY ELEVATION

| | | |



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
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BEGIN LIMIT OF ACCESS.....BLA
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Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

PROFILE SCALE:
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

MAINLINE PLAN & PROFILE

SOUTH RIVER TRAIL, PHASE 5

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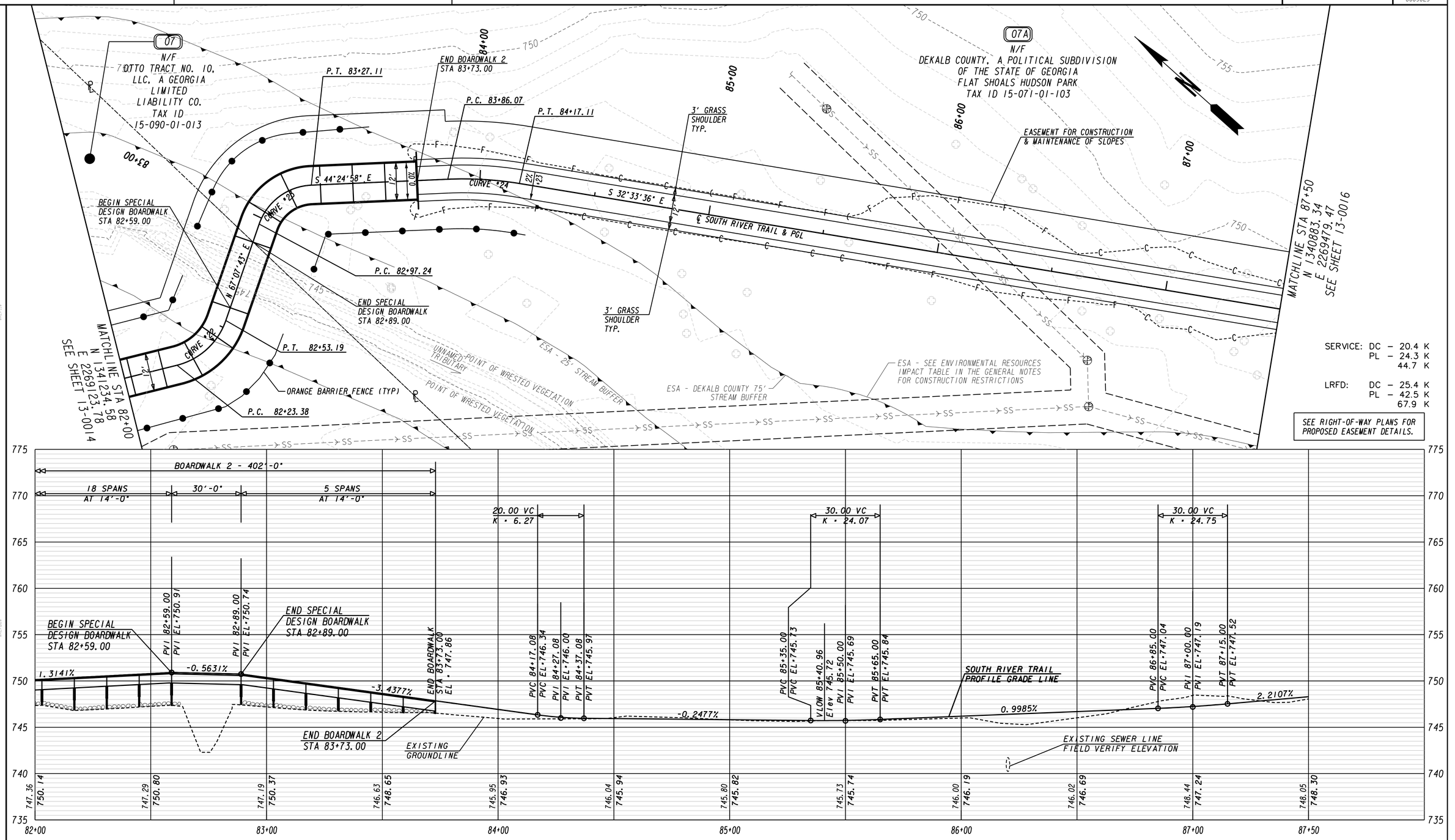
DRAWING No. 13-0014



PROPERTY AND EXISTING R/W LINE
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REVISION DATES

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MAINLINE PLAN AND PROFILE

SOUTH RIVER TRAIL, PHASE 5

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DRAWING No. 13-0015

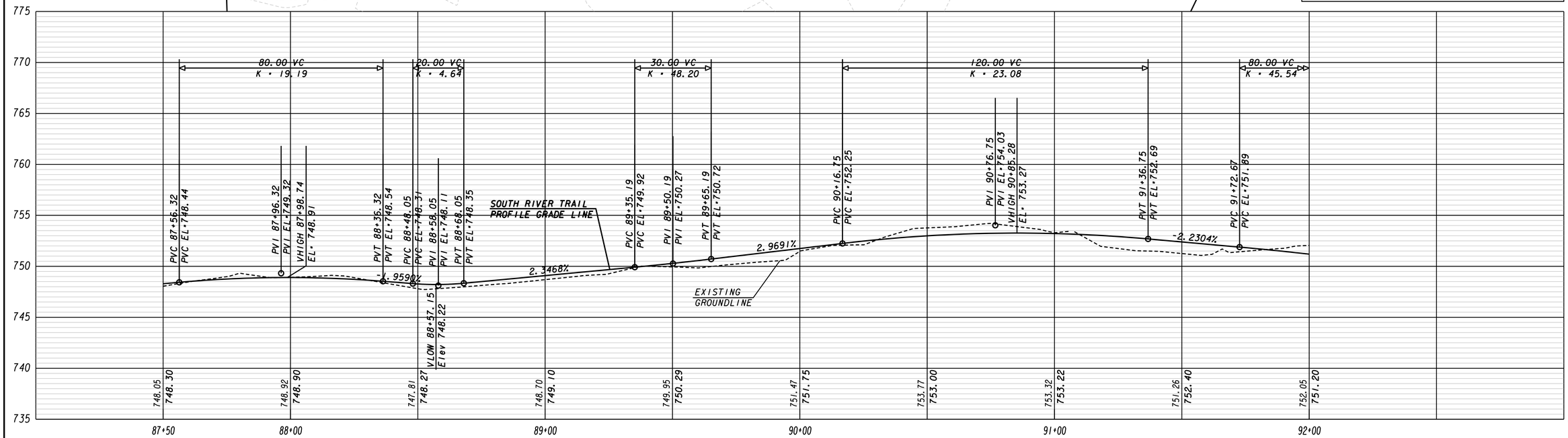
11/30/2011 GR320E

07A
N/F
DEKALB COUNTY, A POLITICAL SUBDIVISION
OF THE STATE OF GEORGIA
FLAT SHOALS HUDSON PARK
TAX ID 15-071-01-103

88+00
89+00
90+00
91+00
750
755
760

P.T. 90+01.87
3' GRASS SHOULDER TYP.
EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES
CURVE #26
S 15°27'07" E
P.C. 89+22.49
CURVE #27
S 65°59'05" E
℄ SOUTH RIVER TRAIL & PGL
CURVE #25
P.T. 88+16.53
P.C. 87+64.03
S 32°33'36" E
3' GRASS SHOULDER TYP.
P.C. 91+83.57
MATCHLINE STA 87+50
N 1340883.34
E 2269479.47
SEE SHEET 13-0015
MATCHLINE STA 92+00
N 1340545.11
E 2269724.48
SEE SHEET 13-0017

SEE RIGHT-OF-WAY PLANS FOR PROPOSED EASEMENT DETAILS.



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INCORPORATED
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MARIETTA, GEORGIA 30066-5393
(770)424-1668

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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
MAINLINE PLAN & PROFILE
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DRAWING No. 13-0016

11/30/2011 GR32QE

MATCHLINE STA 92+00
N 1340545.11
E 2269124.48
SEE SHEET 13-0016

P.T. 92+19.12

3' GRASS SHOULDER TYP.

CURVE #27

℄ SOUTH RIVER TRAIL & PGL

S 7°10'55" W

3' GRASS SHOULDER TYP.

07A
N/F
DEKALB COUNTY, A POLITICAL SUBDIVISION
OF THE STATE OF GEORGIA
FLATSHOALS HUDSON PARK
TAX ID 15-071-01-103

EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES

SEE DWG NO. 38-0001
FOR REST AREA DETAILS

EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES

P.C. 93+65.66

P.C. 94+80.86

P.T. 94+11.67

P.T. 95+52.95

CURVE #28

CURVE #29

CURVE #30

P.T. 96+76.17

P.C. 95+77.84

S 22°06'41" E

S 5°23'49" E

S 68°00'00" E

ESA - DEKALB COUNTY 75' STREAM BUFFER

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

ESA - 25' STREAM BUFFER

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

APPARENT (TYP) 15' SSE

TOP OF BANK - POINT OF WRESTED VEGETATION

ORANGE BARRIER FENCE (TYP)

SOUTH RIVER (PS 3)

MATCHLINE STA 97+50
N 1340064.04
E 2269873.33
SEE SHEET 13-0018

SEE RIGHT-OF-WAY PLANS FOR PROPOSED EASEMENT DETAILS.

80.00 VC
K = 45.54

40.00 VC
K = 9.86

20.00 VC
K = 22.80

20.00 VC
K = 20.29

20.00 VC
K = 49.65

20.00 VC
K = 13.39

30.00 VC
K = 11.11

PVI 92+12.67
PVI EL=751.00

PVT 92+52.67
PVT EL=749.41

PVC 93+06.78
PVC EL=747.25

PVI 93+26.78
PVI EL=746.45

VLOW 93+46.11
Elev 746.46

PVT 93+46.78
PVT EL=746.46

PVC 93+90.00
PVC EL=746.49

VHIGH 93+91.56
EL= 746.49

PVI 94+00.00
PVI EL=746.50

PVT 94+10.00
PVT EL=746.42

PVC 94+54.48
PVC EL=746.06

PVI 94+64.48
PVI EL=745.98

VLOW 94+70.89
Elev 745.99

PVT 94+74.48
PVT EL=746.00

PVC 95+25.10
PVC EL=746.09

VHIGH 95+33.87
EL= 746.09

PVI 95+35.10
PVI EL=746.10

PVT 95+45.10
PVT EL=746.08

PVC 96+12.18
PVC EL=745.93

VLOW 96+15.20
Elev 745.93

PVI 96+22.18
PVI EL=745.91

PVT 96+32.18
PVT EL=746.03

PVC 96+93.93
PVC EL=746.82

PVI 97+08.93
PVI EL=747.01

PVT 97+23.93
PVT EL=747.60

-3.9872%

0.0683%

-0.8088%

0.1767%

-0.2261%

1.2674%

3.9667%

EXISTING GROUNDLINE

SOUTH RIVER TRAIL PROFILE GRADE LINE

752.05 751.20 749.69 749.51 746.64 747.52 745.78 746.47 746.57 746.48 745.84 746.10 745.70 746.04 746.13 746.07 746.16 745.96 745.65 746.26 745.77 746.91 745.91 748.64

775 770 765 760 755 750 745 740 735

92+00 93+00 94+00 95+00 96+00 97+00 97+50

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

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Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

PROFILE SCALE:
SCALE 1 inch = 5 feet Vert.
SCALE 1 inch = 20 feet Horiz.

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

MAINLINE PLAN & PROFILE

SOUTH RIVER TRAIL, PHASE 5

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11/30/2011 GR320E

DATE$$$ TIME$$$ $PRF8$ DGN P. I. No. 0009029

$USER$

07B
N/F
DEKALB COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF GEORGIA
FLAT SHOALS HUDSON PARK
TAX ID 15-071-01-007

09
N/F
WILLIE JOE FAVORS & MARY LEE FAVORS
TAX ID 15-070-03-027

08
N/F DALE W. ATKINS & NANCY B. ATKINS, AS JOINT TENANTS WITH SURVIVORSHIP AND NOT AS TENANTS IN COMMON
TAX ID 15-070-03-039

07A

MATCHLINE STA 97+50
N 1340064.04
E 2269873.33
SEE SHEET 13-0017

MATCHLINE STA 102+50
N 1339694.13
E 2270180.37
SEE SHEET 13-0019

EXISTING R/W

WARRIORS PATH

BEGIN HANDRAIL STA 97+50.00

END HANDRAIL STA 98+00.00

EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES

P.C. 97+99.80

98+00

99+00

101+00

102+00

P.T. 98+43.68

P.C. 99+01.63

P.T. 99+52.44

END BOARDWALK 3 STA 99+71.00

3' GRASS SHOULDER TYP.

S 5°23'49" E

CURVE #31

S 33°19'51" E

CURVE #32

CURVE #33

S 43°31'14" E

℄ SOUTH RIVER TRAIL & PGL

CURVE #34

BEGIN BOARDWALK 3 STA 98+05.00

TOP OF BANK - POINT OF WRESTED VEGETATION

SOUTH RIVER (PS 3)

P.T. 100+39.77

P.C. 102+24.22

ESA - DEKALB COUNTY 75' STREAM BUFFER

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

P.C. 99+81.77

S 65°40'33" E

P.T. 102+48.46

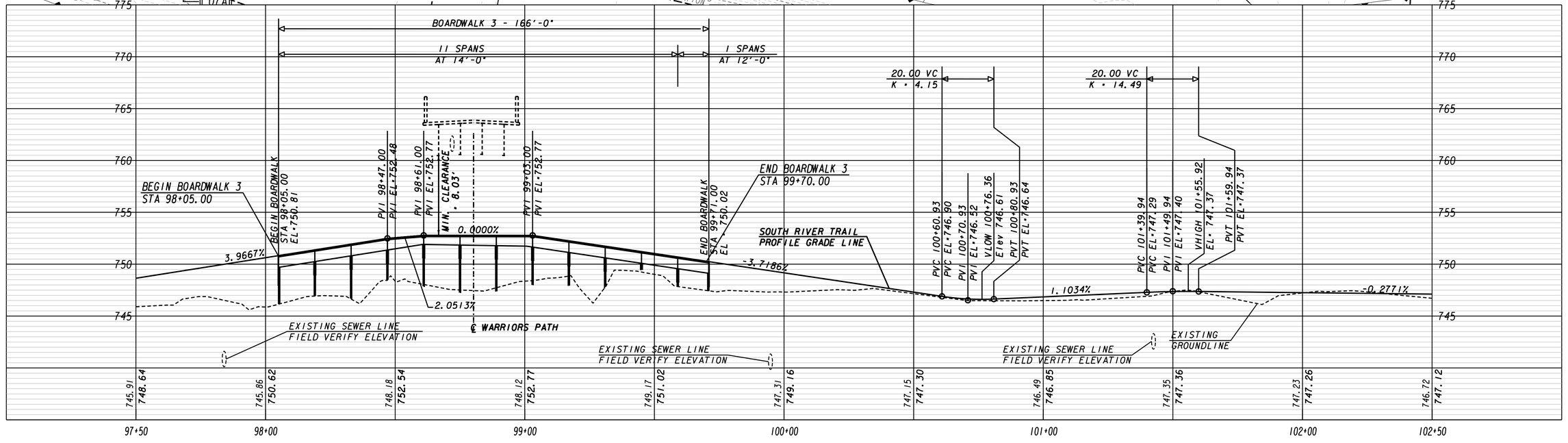
S 40°44'35" E

ORANGE BARRIER FENCE (TYP)

ESA - 25' STREAM BUFFER

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

SEE RIGHT-OF-WAY PLANS FOR PROPOSED EASEMENT DETAILS.



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

PROFILE SCALE:
SCALE 1 inch = 5 feet Vert.
SCALE 1 inch = 20 feet Horiz.

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

MAINLINE PLAN & PROFILE

SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
BACKCHECKED:	CAD	DATE:	05-07-2018
CORRECTED:	AE & PAL	DATE:	05-07-2018
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 13-0018

11/30/2011 GR320E

SEE RIGHT-OF-WAY PLANS FOR PROPOSED EASEMENT DETAILS.

09
N/F
WILLIE JOE FAVORS &
MARY LEE FAVORS
TAX ID 15-070-03-027

10
N/F
RIVERSIDE COMMUNITY CHURCH INC.
CONDUCTING ITS MINISTRY AS
RIVERSIDE BAPTIST CHURCH
TAX ID 15-070-03-016

11
TAX ID
15-070-03-043 N/F
RIVERSIDE COMMUNITY CHURCH
INC. CONDUCTING ITS
MINISTRY AS RIVERSIDE
BAPTIST CHURCH

L.L. 70
L.L. 71
L.L. 59

MATCHLINE STA 102+50
N 1339694.13
E 2270180.37
SEE SHEET 13-0018

MATCHLINE STA 107+50
N 1339380.13
E 2270567.30
SEE SHEET 13-0020

P.C. 103+01.51
P.T. 104+15.01
CURVE #35
S 40°44'35" E
S 53°44'55" E
3' GRASS SHOULDER TYP.
EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES
APPARENT (TYP) 15' SSE
℄ SOUTH RIVER TRAIL & PGL
ESA - DEKALB COUNTY 75' STREAM BUFFER
ORANGE BARRIER FENCE (TYP)
ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
ESA - 25' STREAM BUFFER
POINT OF WRESTED VEGETATION

20.00 VC
K = 14.56
PVC 103+93.24
PVC EL=746.72
PVI 104+03.24
PVI EL=746.69
PVT 104+13.24
PVT EL=746.53

20.00 VC
K = 12.79
PVC 104+94.62
PVC EL=745.19
PVI 105+04.62
PVI EL=745.02
PVT 105+14.62
PVT EL=745.01

SOUTH RIVER TRAIL PROFILE GRADE LINE
-0.2771%
-1.6509%
-0.0872%
EXISTING SEWER LINE FIELD VERIFY ELEVATION
EXISTING GROUNDLINE

746.72 747.12 746.84 746.98 746.61 746.84 746.62 746.69 745.57 745.92 745.03 745.11 744.91 744.98 744.80 744.94 744.67 744.89 744.81 744.85 744.71 744.81

775 770 765 760 755 750 745 740 735

102+50 103+00 104+00 105+00 106+00 107+00 107+50

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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

PROFILE SCALE:
SCALE 1 inch = 5 feet Vert.
SCALE 1 inch = 20 feet Horiz.

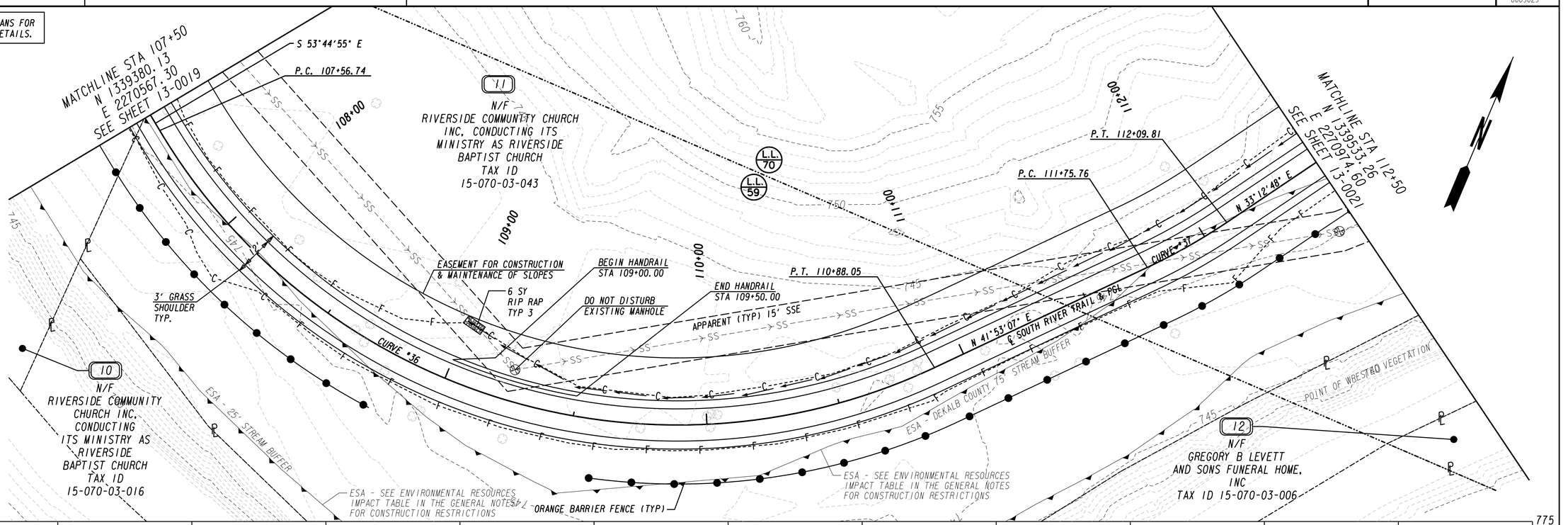
REVISION DATES

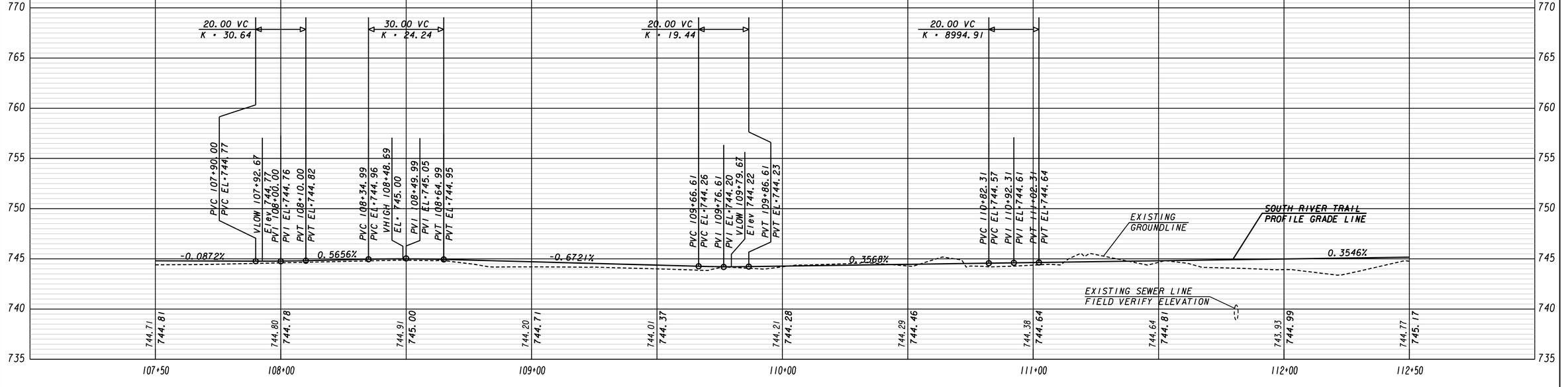
DEKALB COUNTY & PATH FOUNDATION
MAINLINE PLAN & PROFILE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018	DRAWING No.
BACKCHECKED:	CAD	DATE:	05-07-2018	13-0019
CORRECTED:	AE & PAL	DATE:	05-07-2018	
VERIFIED:	MWH	DATE:	05-07-2018	

11/30/2011 GR320E

SEE RIGHT-OF-WAY PLANS FOR PROPOSED EASEMENT DETAILS.





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

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SCALE IN FEET
0 20 40 80

PROFILE SCALE:
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REVISION DATES

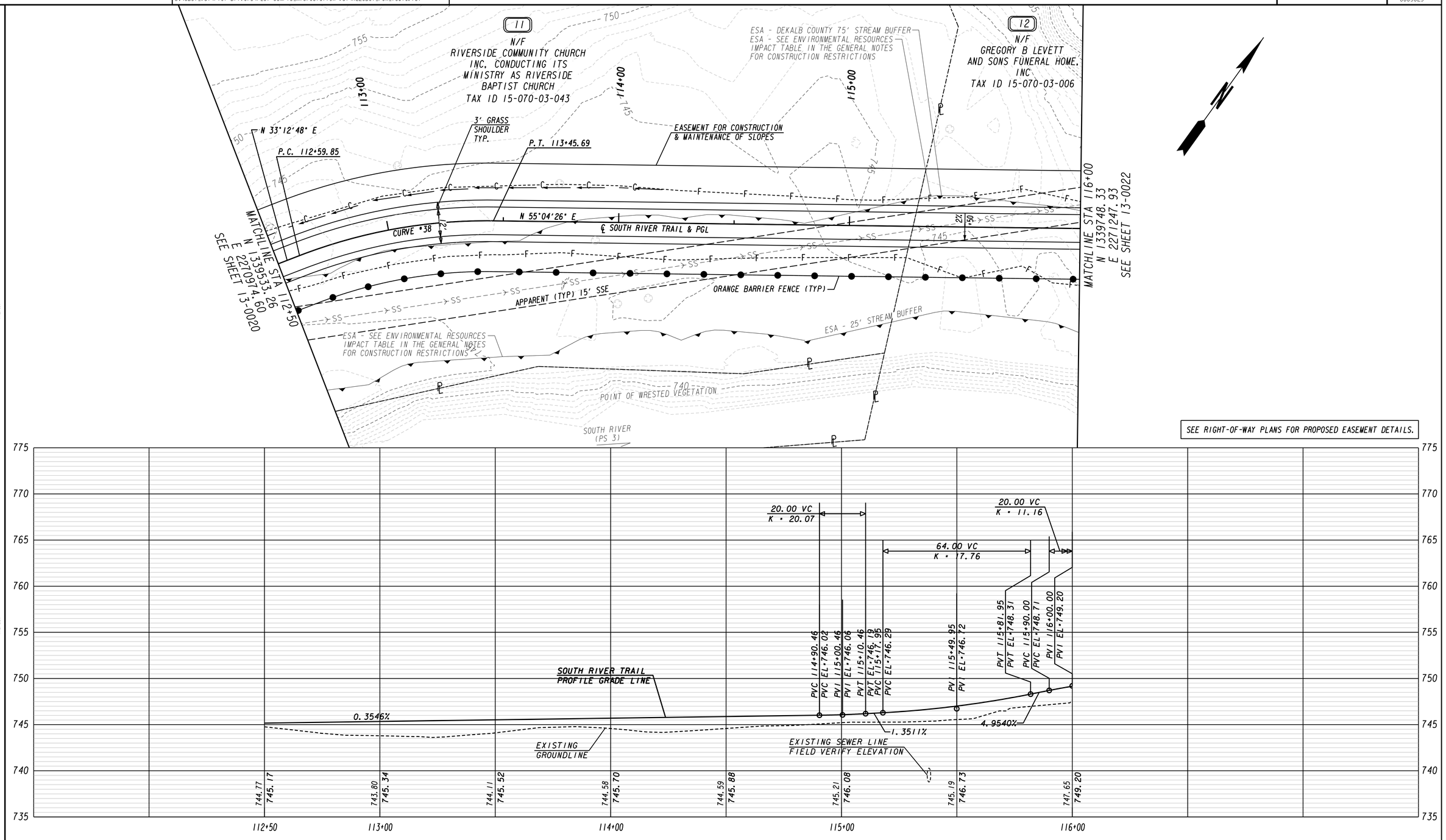
DEKALB COUNTY & PATH FOUNDATION

MAINLINE PLAN & PROFILE

SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018	DRAWING No.
BACKCHECKED:	CAD	DATE:	05-07-2018	13-0020
CORRECTED:	AE & PAL	DATE:	05-07-2018	
VERIFIED:	MWH	DATE:	05-07-2018	

11/30/2011 GR320E



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

PROFILE SCALE:
SCALE 1 inch = 5 feet Vert.
SCALE 1 inch = 20 feet Horiz.

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

MAINLINE PLAN & PROFILE

SOUTH RIVER TRAIL, PHASE 5

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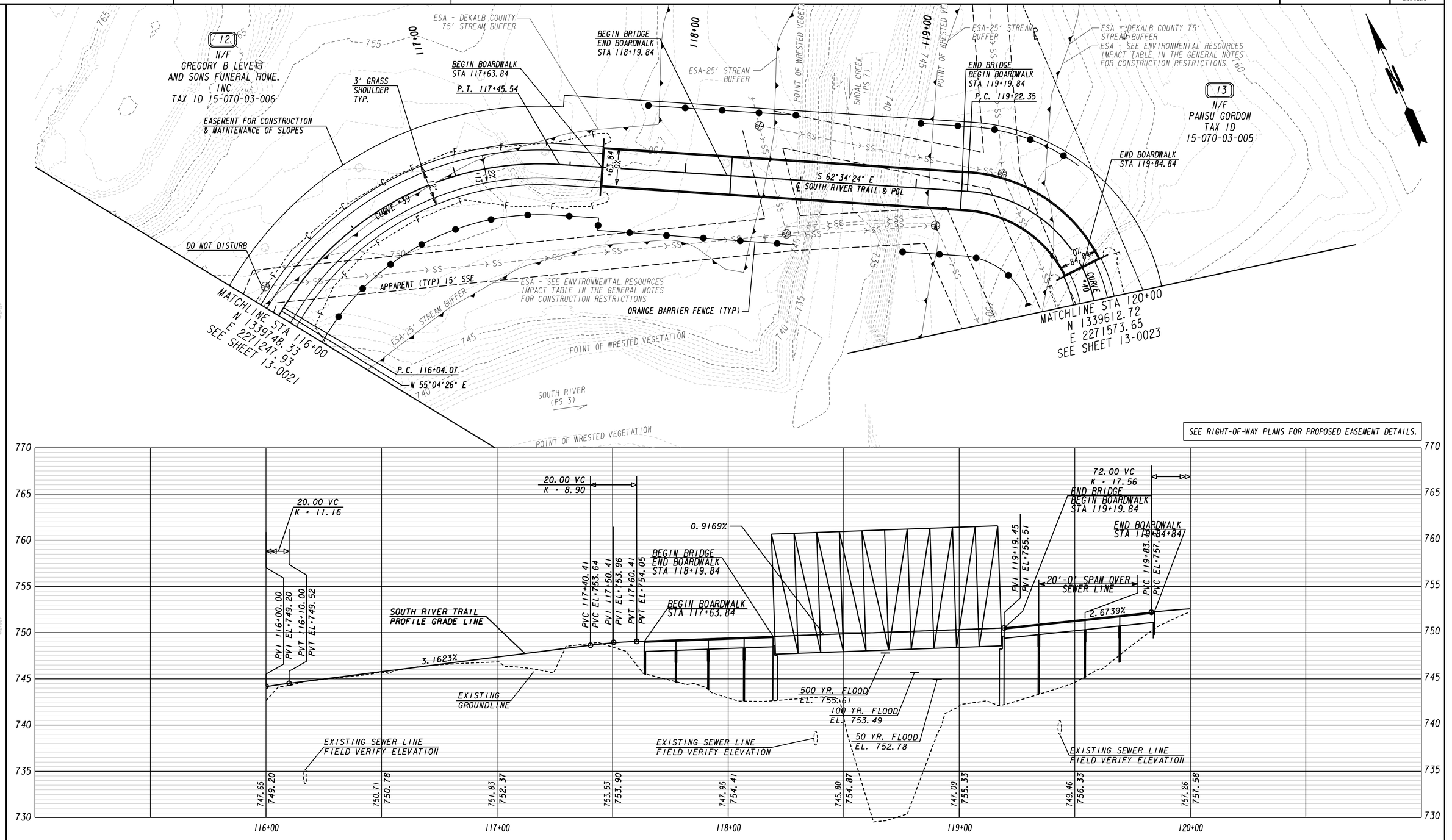
VERIFIED:	WMH	DATE:	05-07-2018

DRAWING No. 13-0021



SEE RIGHT-OF-WAY PLANS FOR PROPOSED EASEMENT DETAILS.

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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

PROFILE SCALE:
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SCALE 1 inch = 20 feet Horiz.

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

MAINLINE PLAN & PROFILE

SOUTH RIVER TRAIL, PHASE 5

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VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 13-0022

11/30/2011 GR320E

13 N/F PANSY GORDON TAX ID 15-070-03-005

14 N/F DELPHINE PERRY TAX ID 15-059-02-002

15 N/F EDYTHE RUTH WHITE TAX ID 15-059-02-005

16 N/F MYRTIS A SMITH/ROBERT SMITH AS JOINT TENANTS WITH RIGHT OF SURVIVORSHIP TAX ID 15-059-02-003

EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES

P.T. 120+10.40

P.C. 120+54.73

P.T. 121+27.87

CURVE #40 S 21°30'22" W

CURVE #41

3' GRASS SHOULDER TYP.

EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES

APPARENT (TYP) 15' SSE

S 0°33'12" W

℄ SOUTH RIVER TRAIL & PGL

APPARENT (TYP) 15' SSE

3' GRASS SHOULDER TYP.

ESA - DEKALB COUNTY 75' STREAM BUFFER

CHAIN LINK FENCE

ORANGE BARRIER FENCE (TYP)

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

TOP OF BANK

ESA - 25' STREAM BUFFER

L.L. 70 L.L. 59

SEE RIGHT-OF-WAY PLANS FOR PROPOSED EASEMENT DETAILS.

MATCHLINE STA 120+00 N 1339612.72 E 2271573.65 SEE SHEET 13-0022

MATCHLINE STA 125+00 N 1339118.02 E 2271536.93 SEE SHEET 13-0024

72.00 VC K = 17.56
PVI 120+19.17 PVI EL=758.18 VHIGH 120+30.20 EL= 757.84
PVT 120+55.17 PVT EL=757.66

40.00 VC K = 16.73
PVC 121+11.43 PVC EL=756.86
PVI 121+31.43 PVI EL=756.58
PVT 121+51.43 PVT EL=755.82

25.00 VC K = 6.95
PVC 122+35.46 PVC EL=752.61
PVI 122+47.96 PVI EL=752.14
PVT 122+60.46 PVT EL=752.11

20.00 VC K = 30.09
PVC 123+32.50 PVC EL=751.95
VLOW 123+39.01 Elev 751.95
PVI 123+42.50 PVI EL=751.93
PVT 123+52.50 PVT EL=751.98

20.00 VC K = 7.87
PVC 124+55.47 PVC EL=752.44
PVI 124+65.47 PVI EL=752.48
PVT 124+75.47 PVT EL=752.78

EXISTING GROUNDLINE

SOUTH RIVER TRAIL PROFILE GRADE LINE

-1.4218% 3.8129% 0.2164% 0.4483% 2.9899%

EXISTING SEWER LINE FIELD VERIFY ELEVATION

757.26 757.58 757.07 757.73 756.92 757.03 756.91 755.87 754.77 753.97 752.29 752.21 752.21 752.02 751.85 751.97 752.34 752.19 752.44 752.41 753.72 753.52

775 770 765 760 755 750 745 740 735

120+00 121+00 122+00 123+00 124+00 125+00

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

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

PROFILE SCALE:
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SCALE 1 inch = 20 feet Horiz.

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

MAINLINE PLAN & PROFILE

SOUTH RIVER TRAIL, PHASE 5

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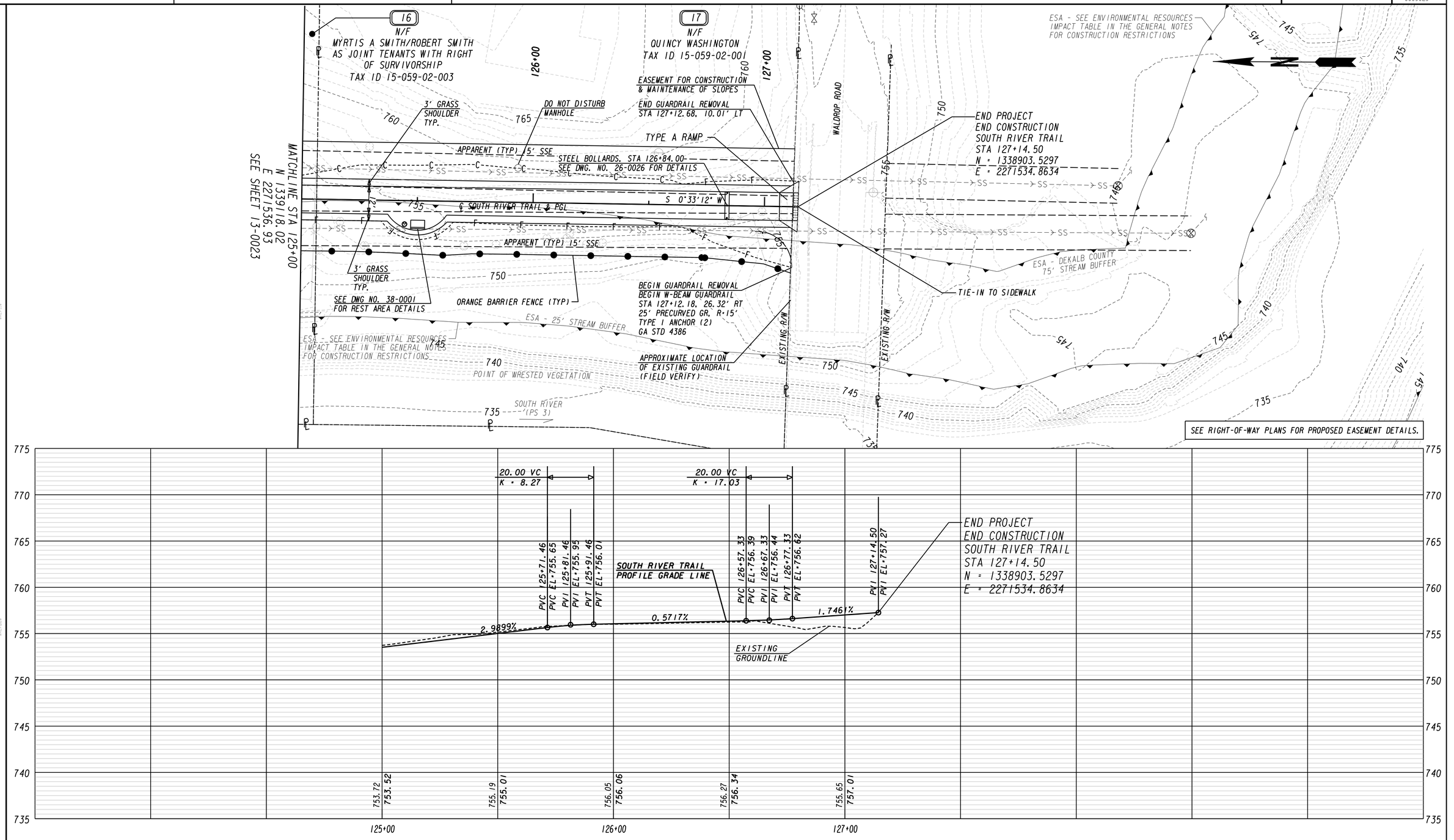
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 13-0023

11/30/2011 GR320E



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

PROFILE SCALE:
SCALE 1 inch = 5 feet Vert.
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
MAINLINE PLAN & PROFILE
SOUTH RIVER TRAIL, PHASE 5

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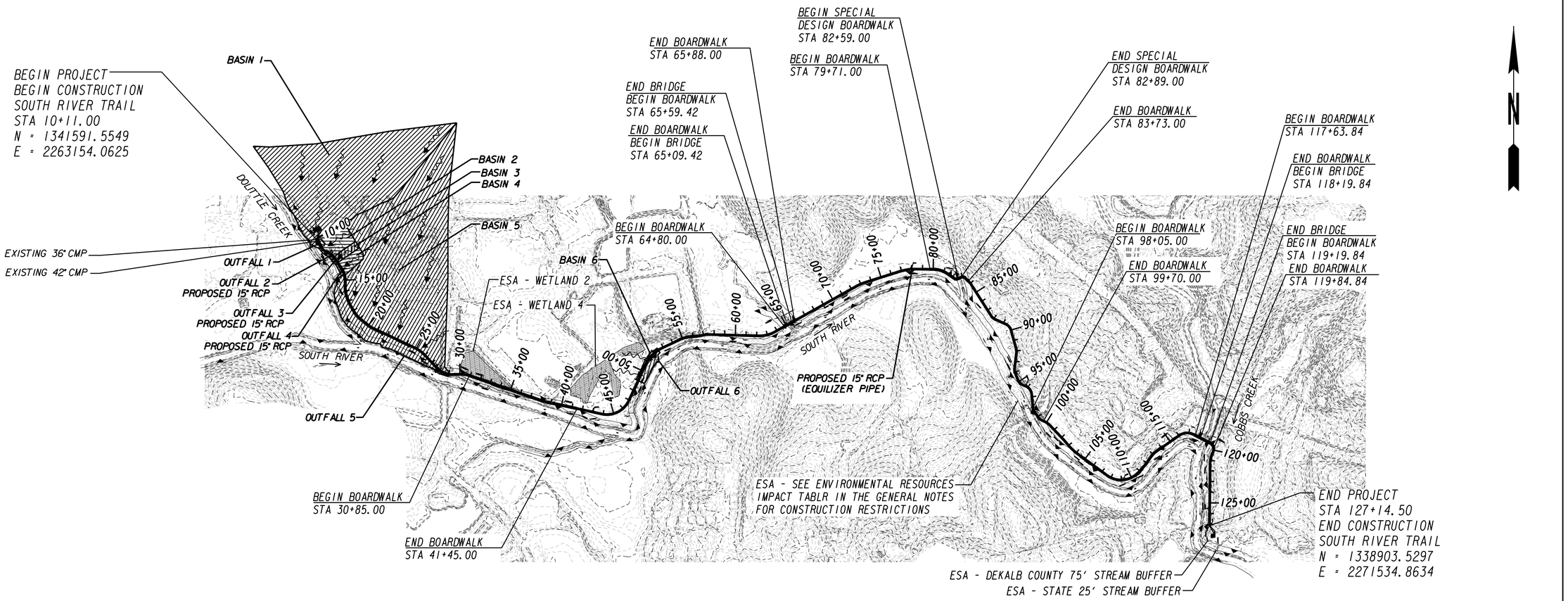
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 13-0024

11/30/2011 GR320E



BASIN NO.	OUTFALL LOCATION AND DESCRIPTION		CONTRIBUTING AREA (ac)	DISTURBED AREA (AC)	PRE RUNOFF COEFFICIENT			PRE RUNOFF			POST RUNOFF COEFFICIENT			POST RUNOFF			Hw_{50}	Hw_{100}	V_{50}	V_{100}
					C_{25}	C_{50}	C_{100}	Q_{25}	Q_{50}	Q_{100}	C_{25}	C_{50}	C_{100}	Q_{25}	Q_{50}	Q_{100}				
Basin 1	STA 10+56.03, 51.24' RT	Existing 42" CMP	23.54	0.07	0.62	0.68	0.71	52.52	64.68	71.72	0.63	0.68	0.71	52.58	64.75	71.80	754.65	755.05	9.48	9.78
Basin 2	STA 12+16.00, 19.72' RT	Proposed 15" Pipe	1.53	0.20	0.30	0.33	0.34	4.27	5.23	6.08	0.33	0.36	0.38	4.70	5.75	6.69	755.6	755.9	8.53	8.85
Basin 3	STA 12+85.84, 18.96' RT	Proposed 15" Pipe	0.43	0.08	0.47	0.51	0.53	1.88	2.31	2.68	0.51	0.56	0.58	2.06	2.52	2.93	754.48	754.57	3.32	3.86
Basin 4	STA 13+98.08, 19.76' RT	Proposed 15" Pipe	0.75	0.15	0.45	0.49	0.51	3.10	3.80	4.42	0.48	0.53	0.55	3.36	4.12	4.78	754.31	754.46	4.25	5.02
Basin 5	STA 24+33, 13.56' RT	Existing Ditch	34.52	1.62	0.54	0.59	0.61	59.33	73.22	80.27	0.54	0.59	0.61	59.38	73.28	80.34	N/A	N/A	1.328	1.45
Basin 6	STA 51+30.77, 18.97' RT	Existing Ditch	0.69	0.37	0.17	0.18	0.19	1.05	1.29	1.50	0.30	0.32	0.34	1.90	2.33	2.70	N/A	N/A	0.387	0.44

Heath & Lineback Engineers
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MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 500 1000 2000

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

DRAINAGE AREA MAP

SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
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VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 21-0001

7/31/2015 GPLN

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USER:aevans

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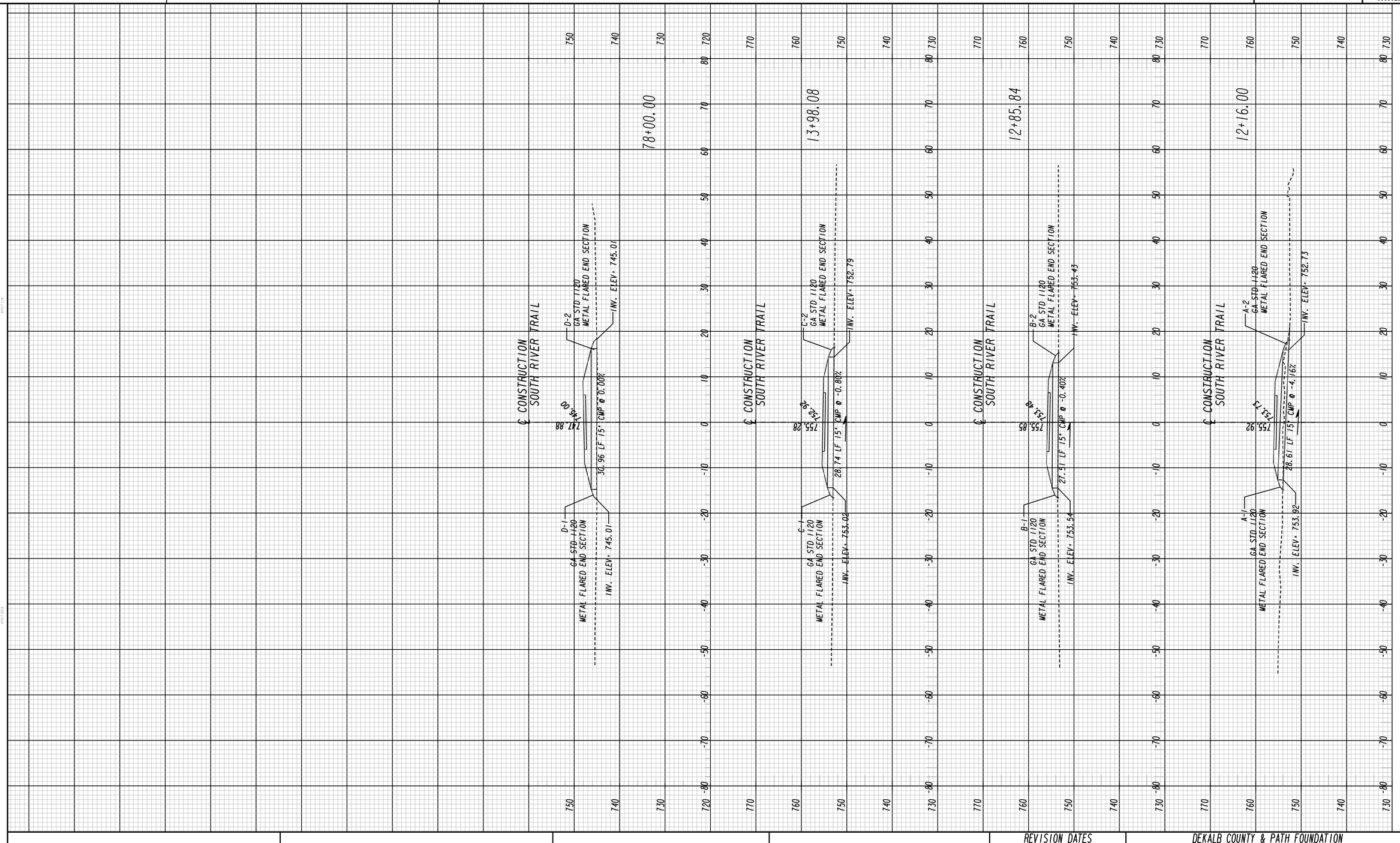

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 10 20 40

REVISION DATES		

DEKALB COUNTY & PATH FOUNDATION

DRAINAGE PROFILES

SOUTH RIVER TRAIL, PHASE 5

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		22-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

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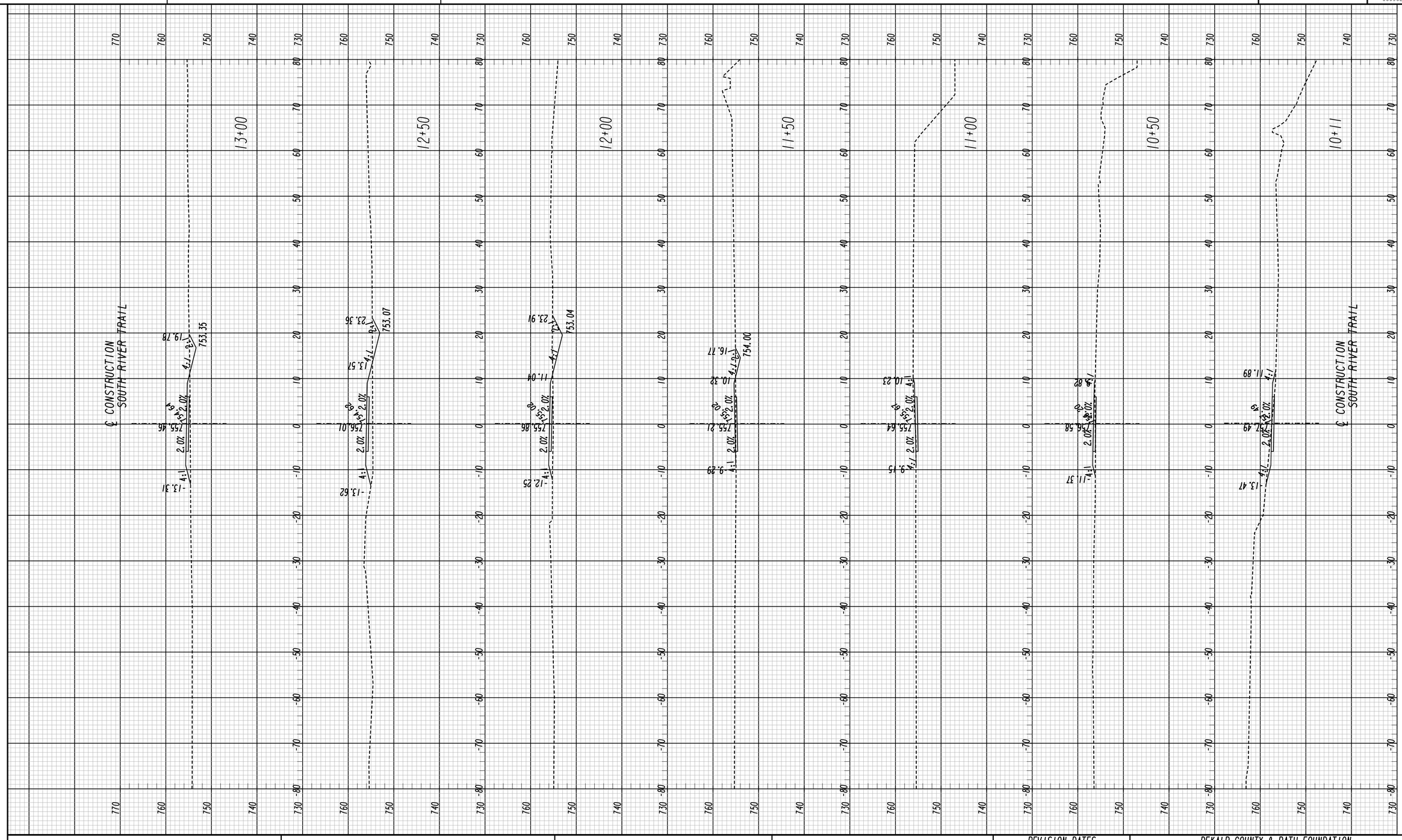
USER:aevans

P. I. No. 0009029



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SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

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VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 23-0001

7/31/2015 SUXEN

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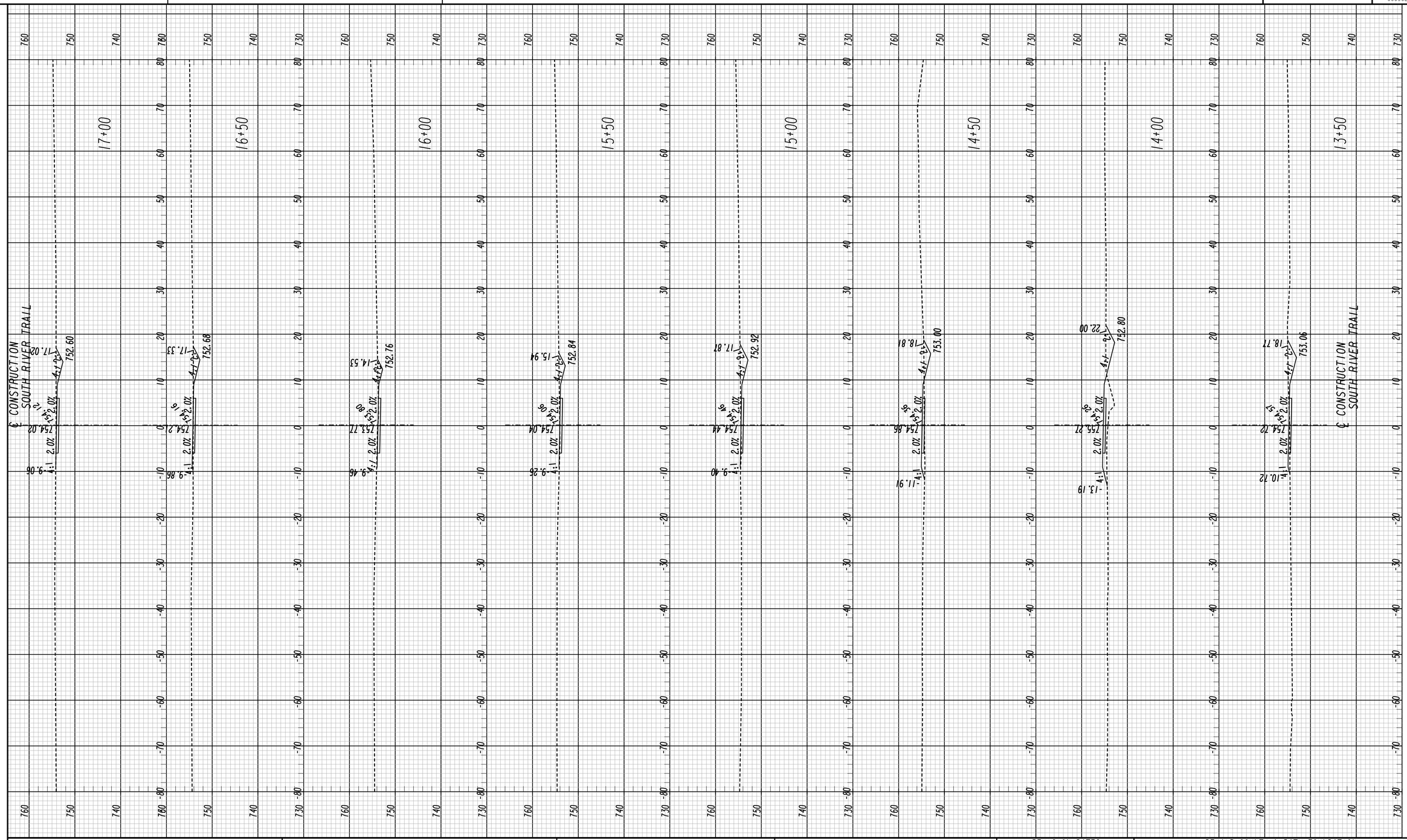

7/31/2015 SUXEN

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2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

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

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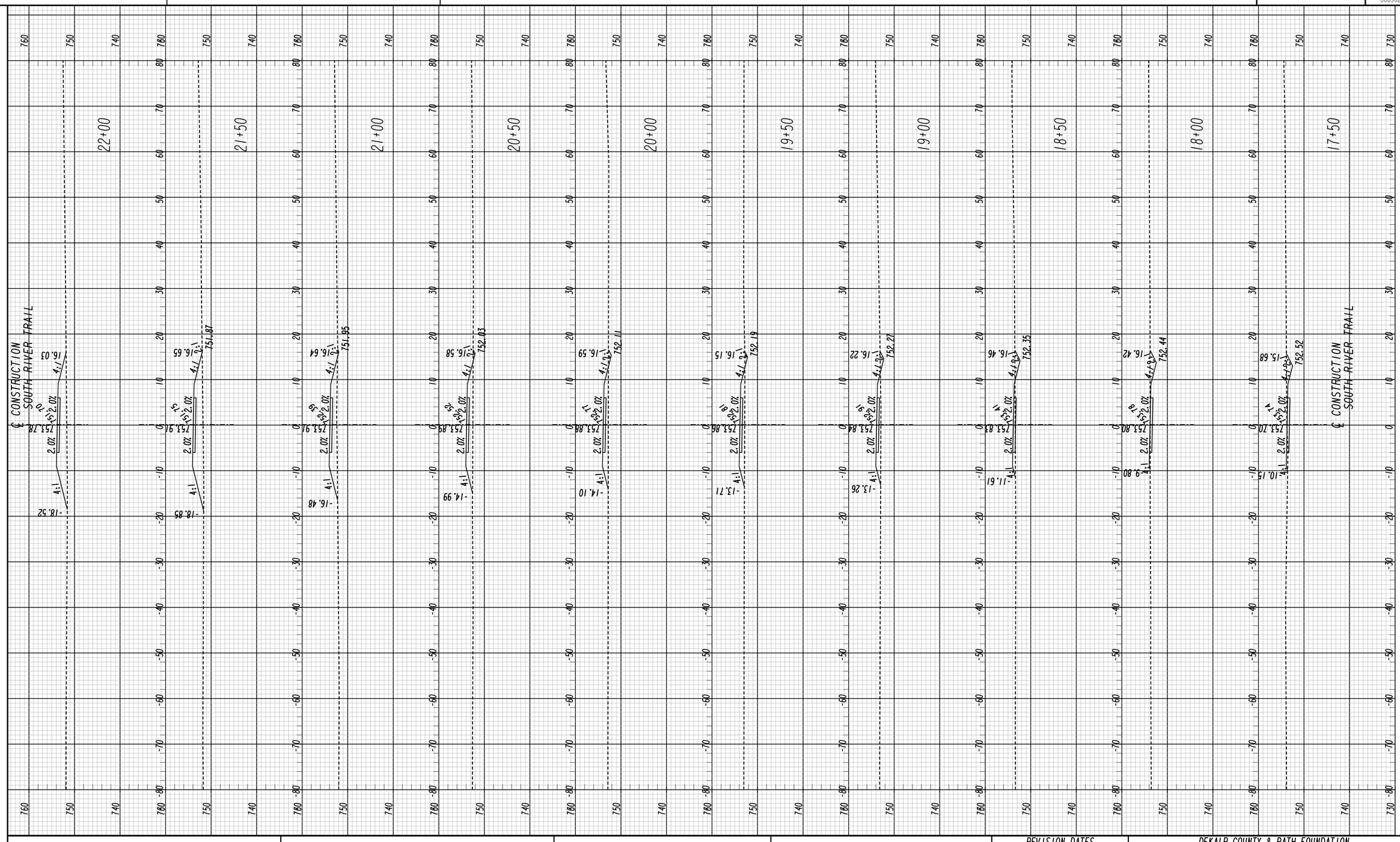
USER:aevans

P. I. No. 0009029



7/31/2015 SUXEN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0003
CORRECTED:		DATE:		
VERIFIED:		DATE:		

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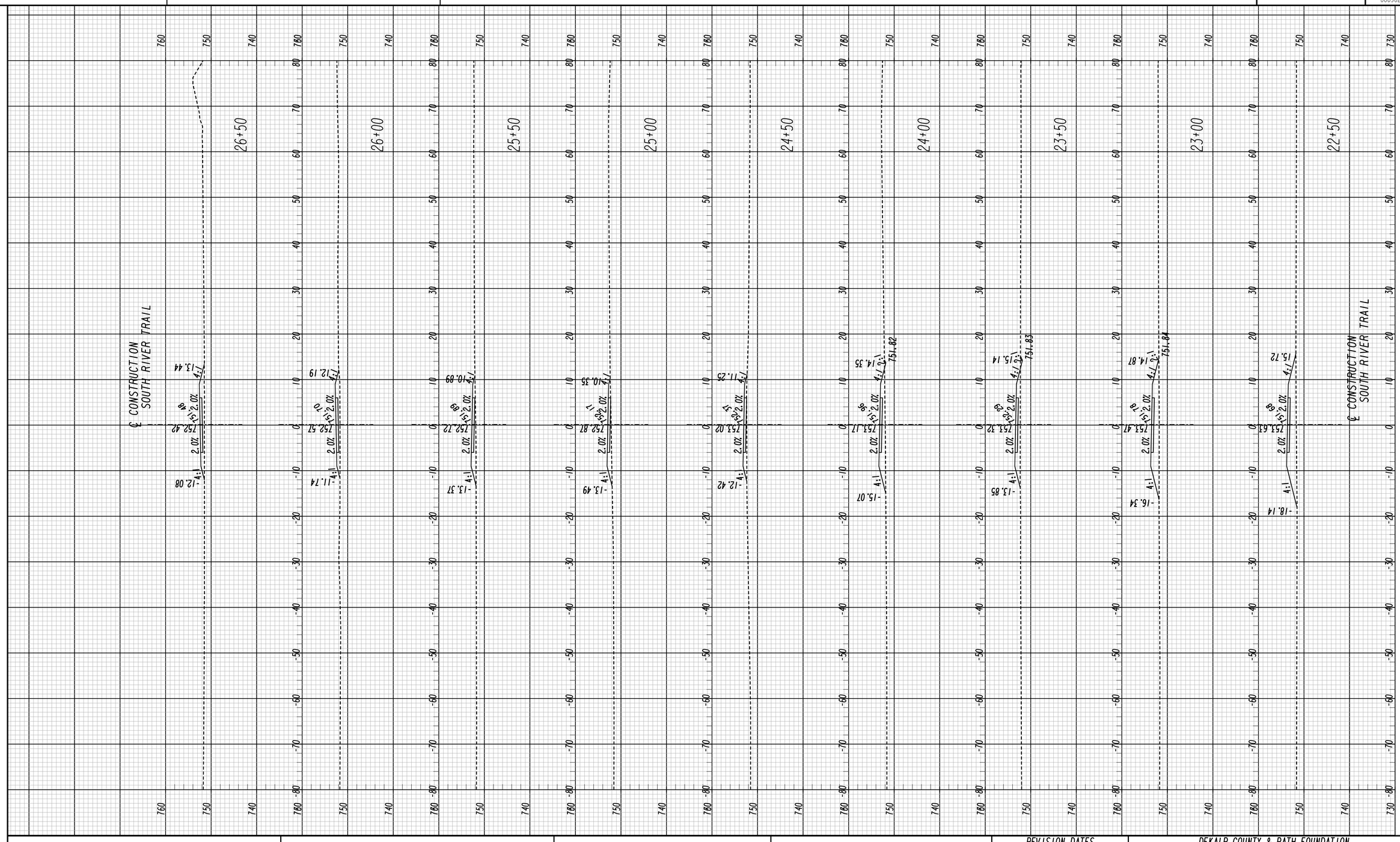
P. I. No.
0009029



7/31/2015 SUXEN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0004
CORRECTED:		DATE:		
VERIFIED:		DATE:		

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USER:cdean

P. I. No. 0009029

29+50

29+00

28+50

28+00

27+50

27+00

℄ CONSTRUCTION
SOUTH RIVER TRAIL

APPPROXIMATE BOTTOM BRIDGE BEAM
ELEV = 761.24 (20.73' LT)
ELEV = 761.46 (19.85' RT)
MIN CLEARANCE = 8.04'

EXISTING SEWER LINE
FIELD VERIFY ELEVATION (TYP.)

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SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

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BACKCHECKED:		DATE:		23-0005
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 SUXEN

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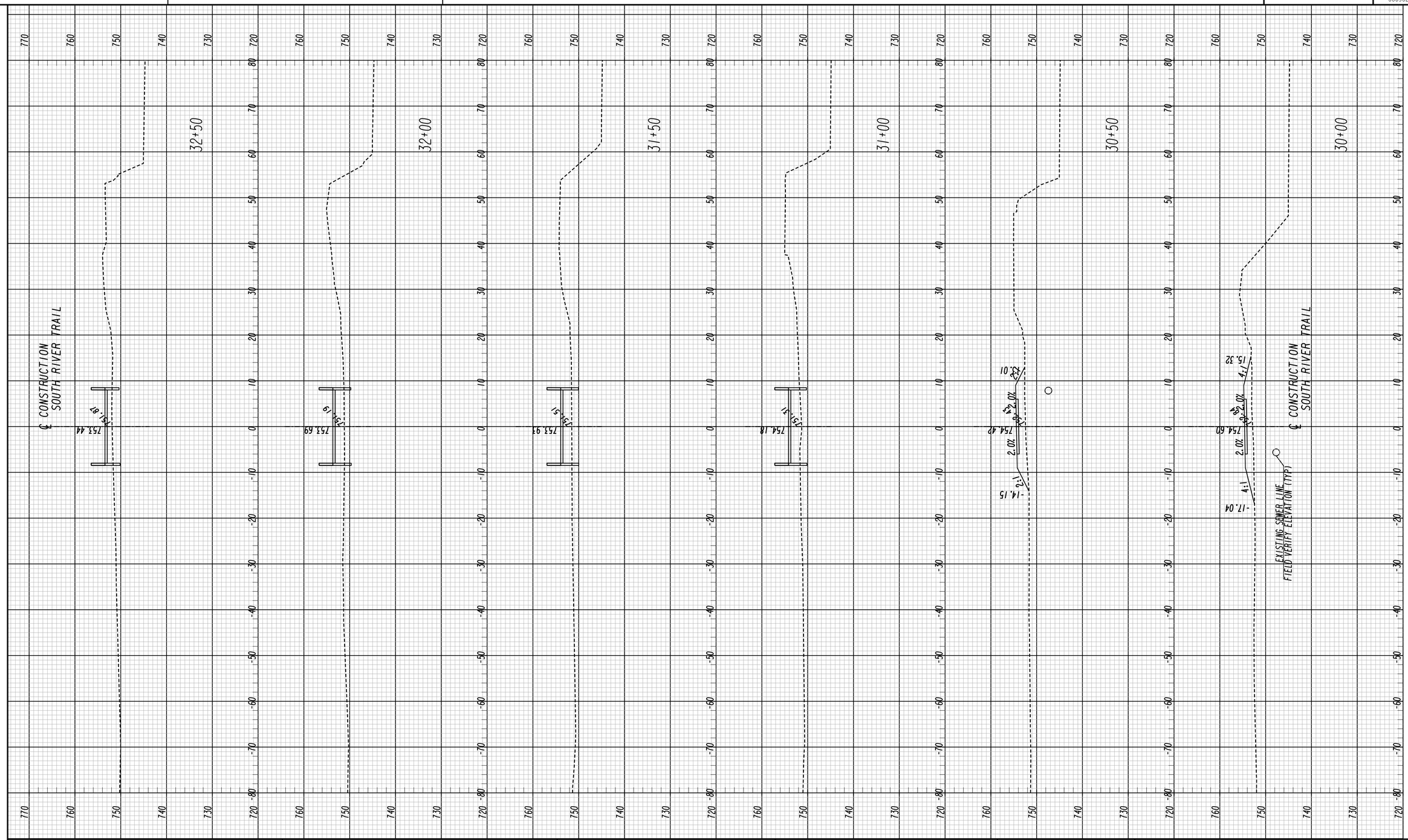
P. I. No.
0009029



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SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

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7/31/2015 SUXEN

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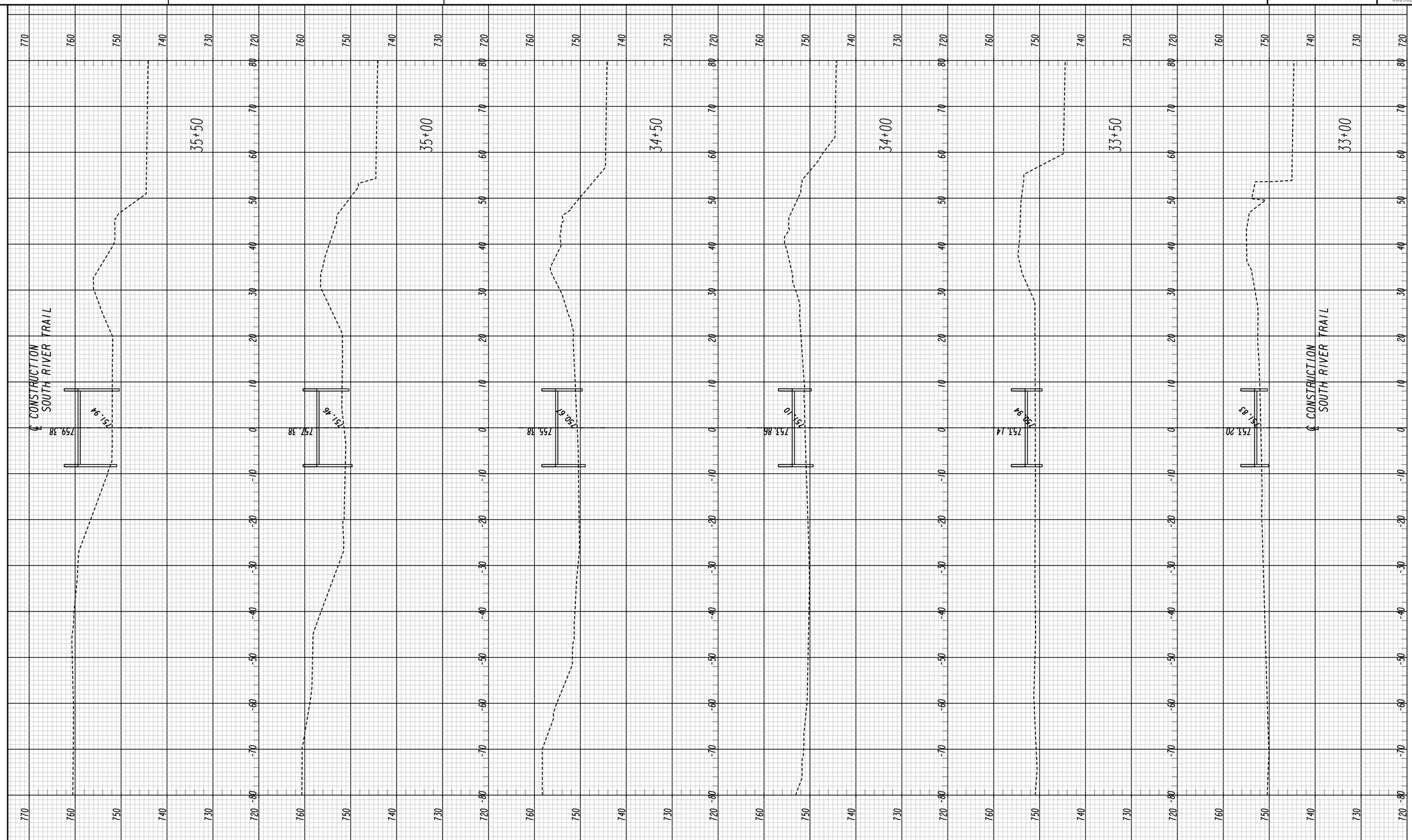
0009029



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MARIETTA, GEORGIA 30066-5393
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SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

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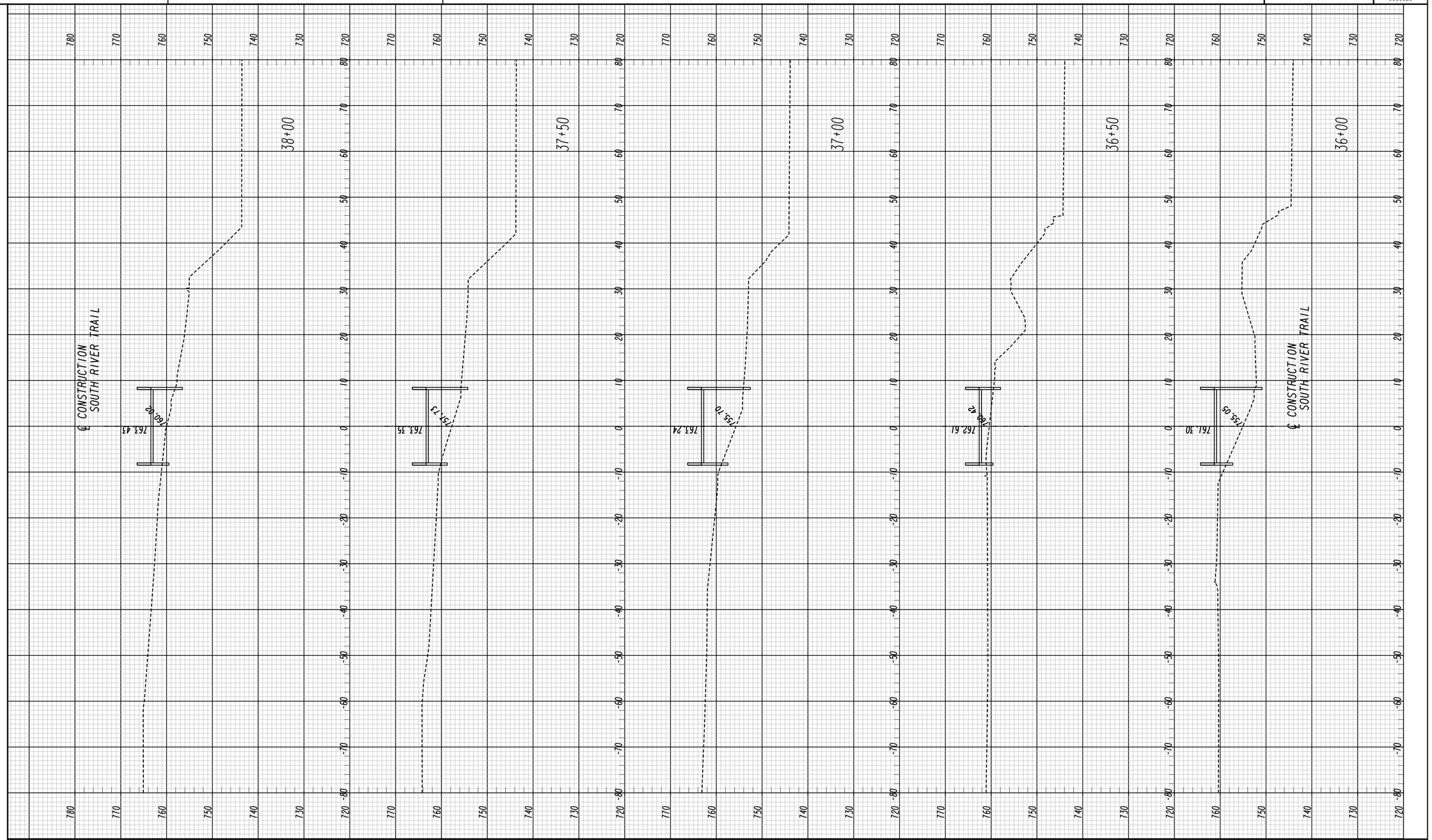

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MARIETTA, GEORGIA 30066-5393
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SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

CHECKED:		DATE:	DRAWING No.
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7/31/2015 SUXEN

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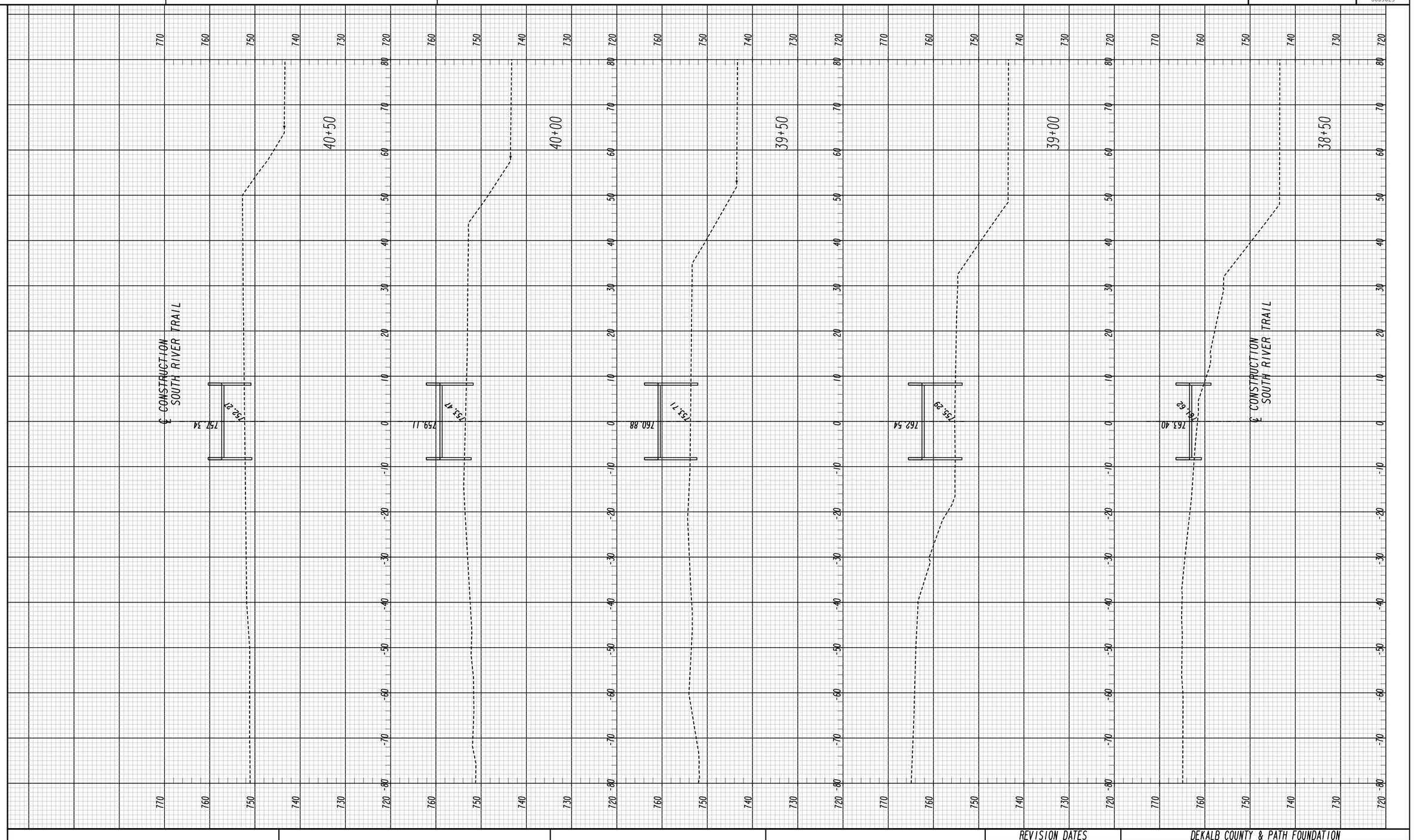

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MARIETTA, GEORGIA 30066-5393
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SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

CHECKED:		DATE:	DRAWING No.
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VERIFIED:		DATE:	

7/31/2015 SUXEN

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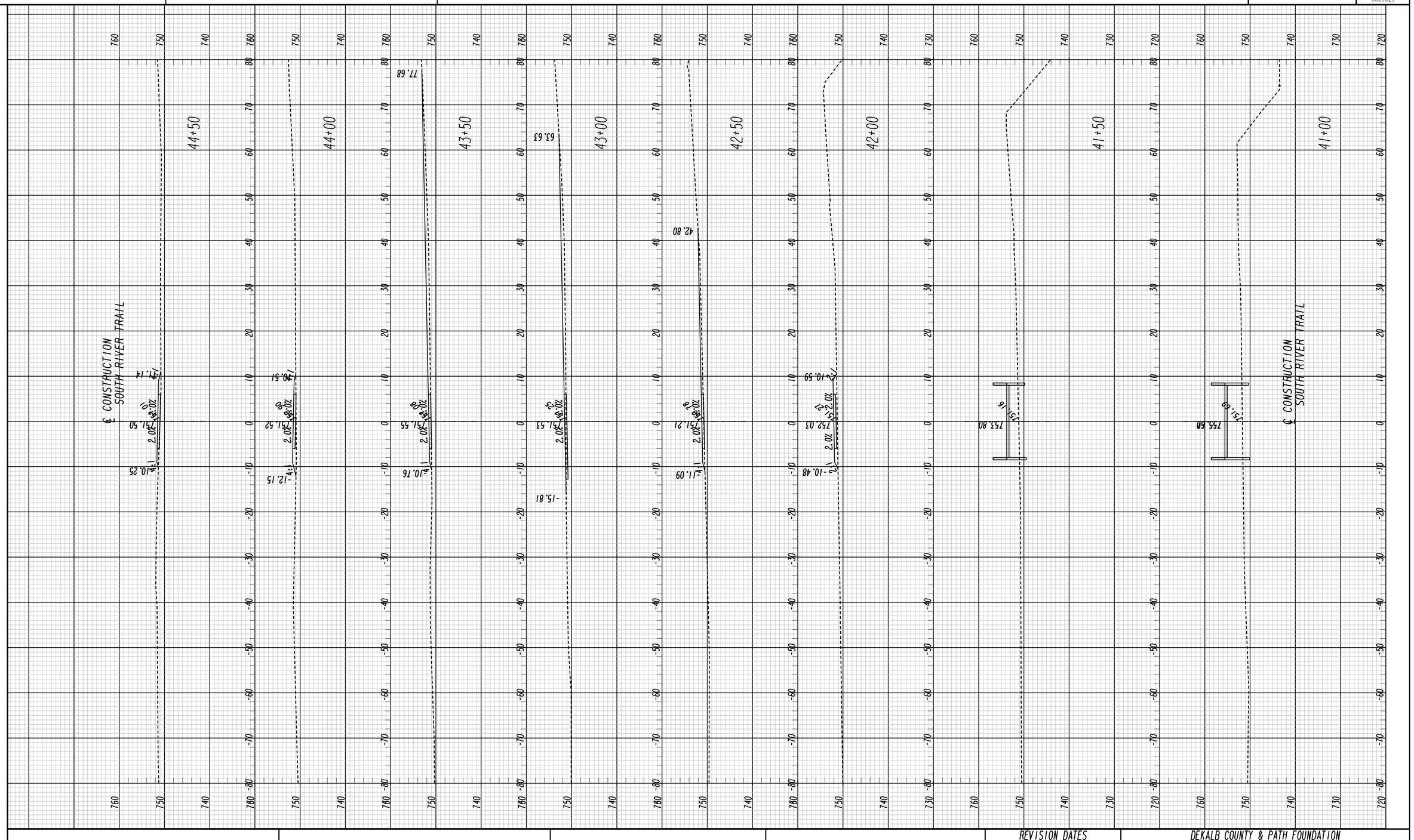

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MARIETTA, GEORGIA 30066-5393
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SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

CHECKED:		DATE:		DRAWING No.
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7/31/2015 SUKEN

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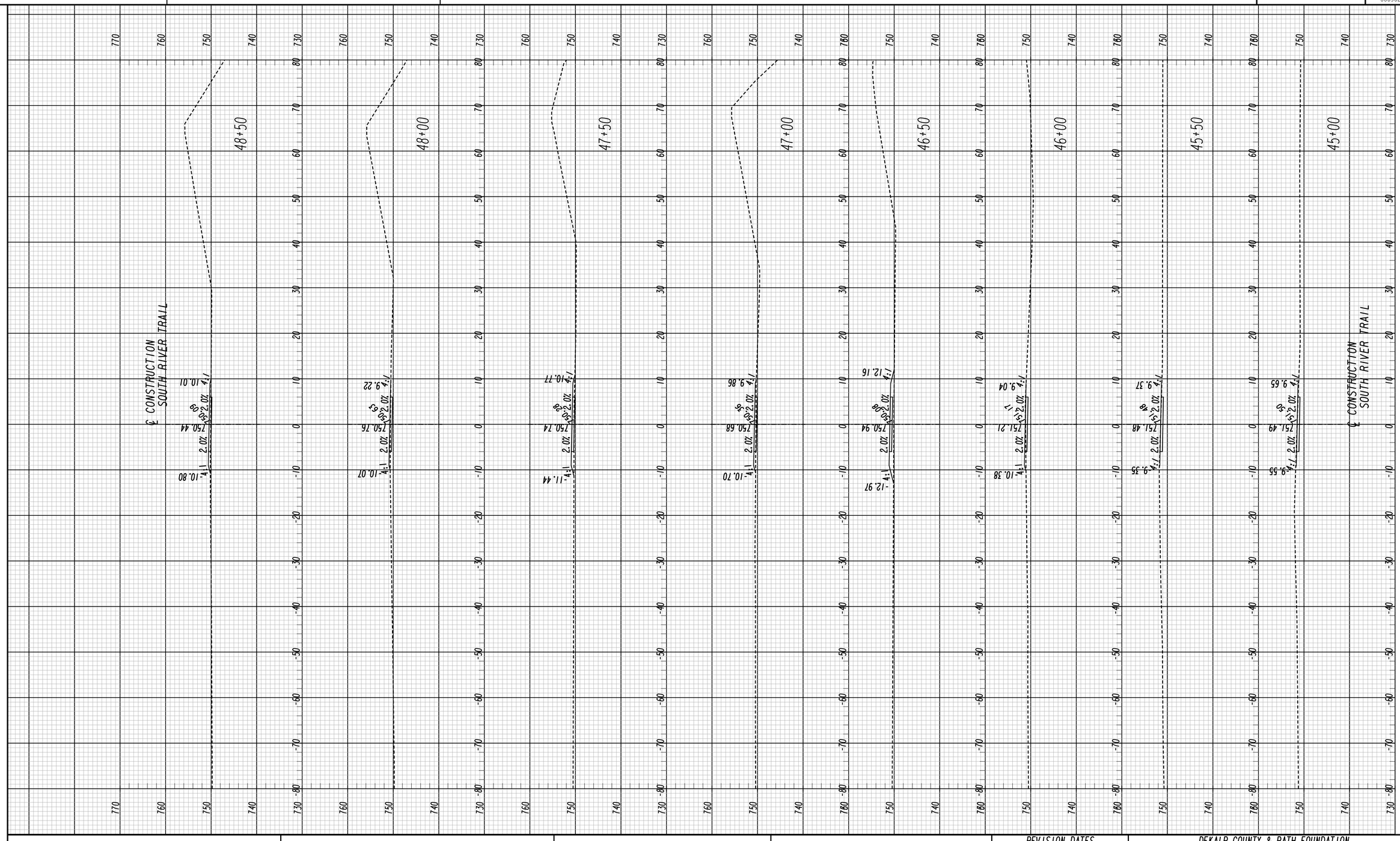

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SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

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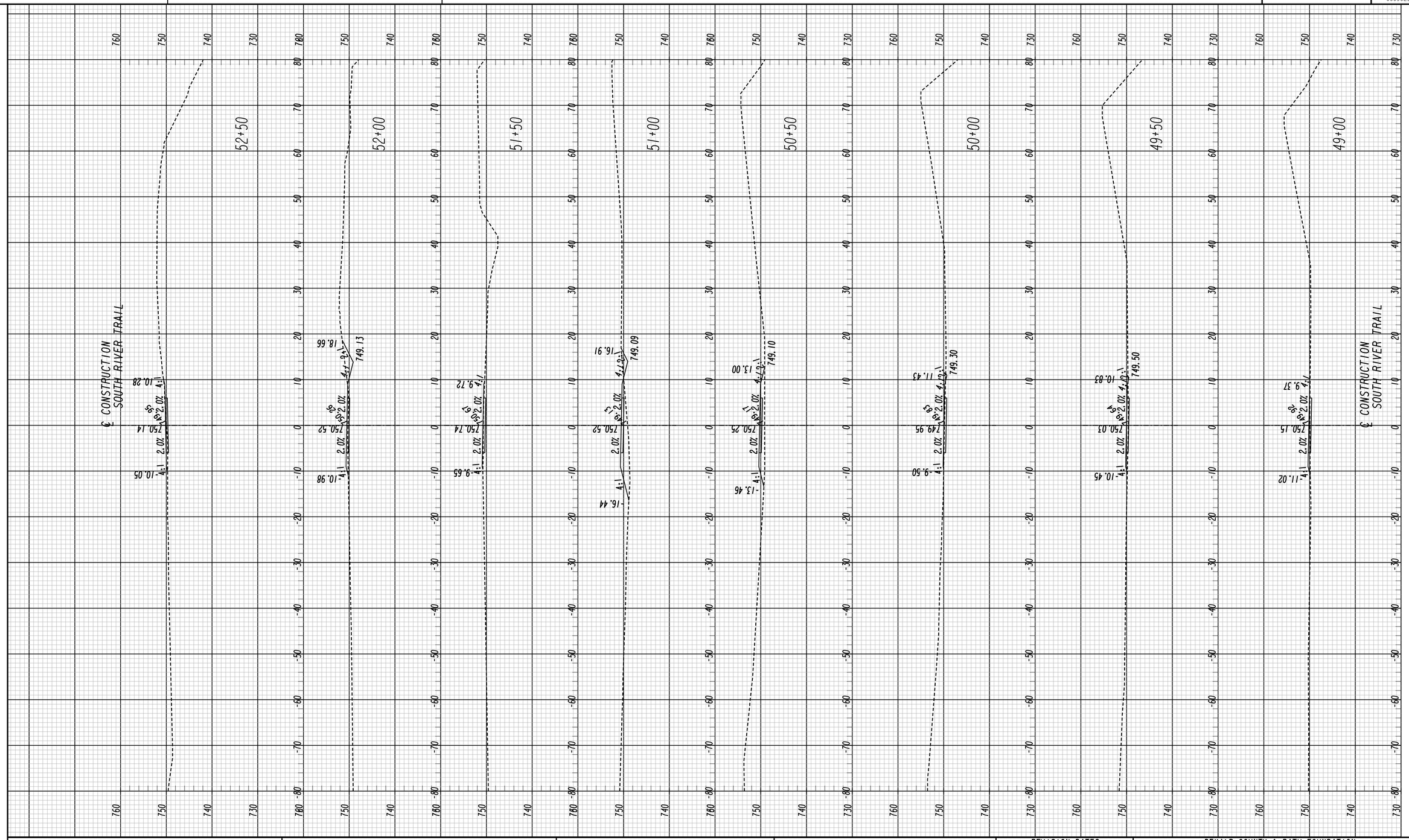

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MARIETTA, GEORGIA 30066-5393
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SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

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7/31/2015 SUXEN

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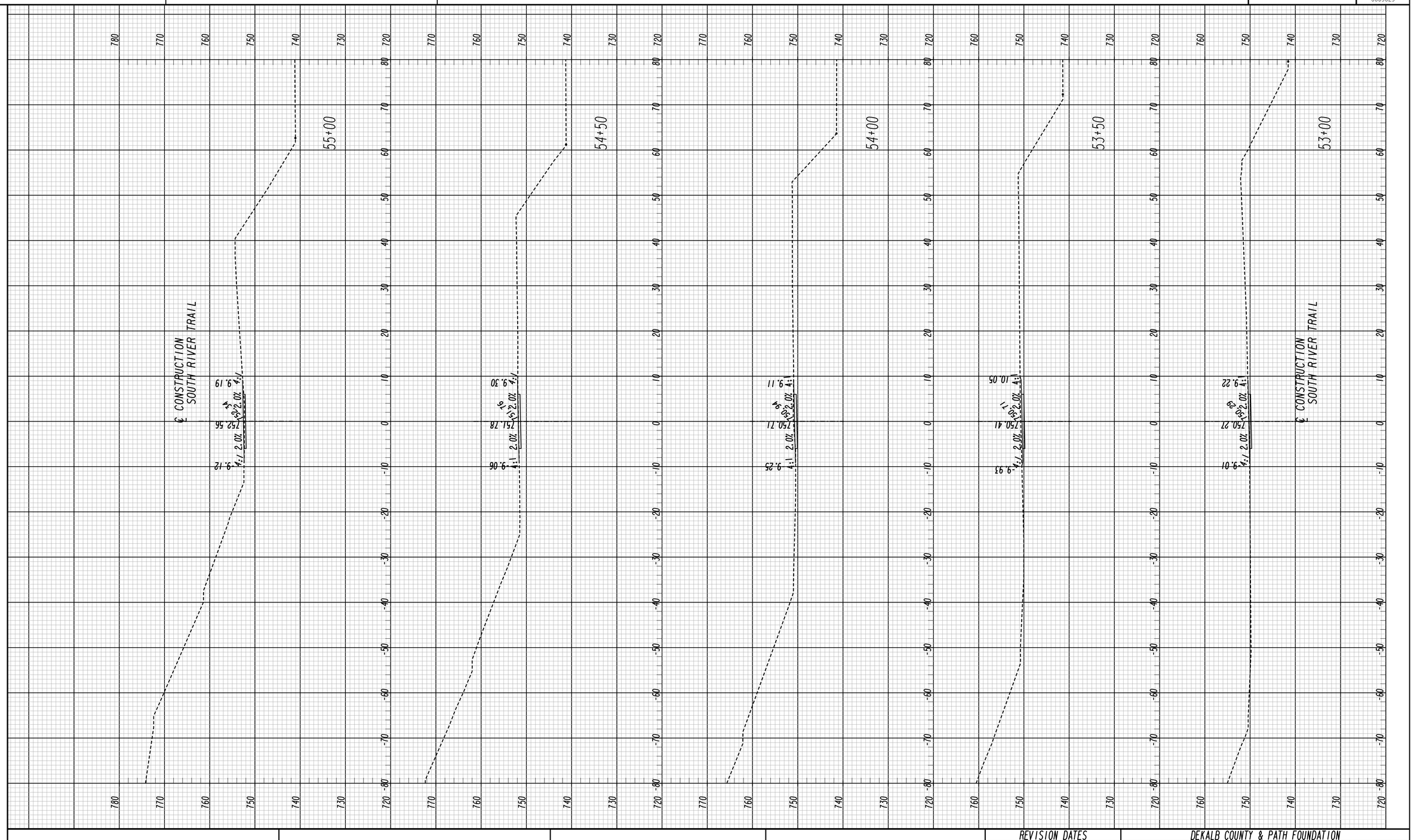
P. I. No. 0009029



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SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

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

7/31/2015 SUXEN

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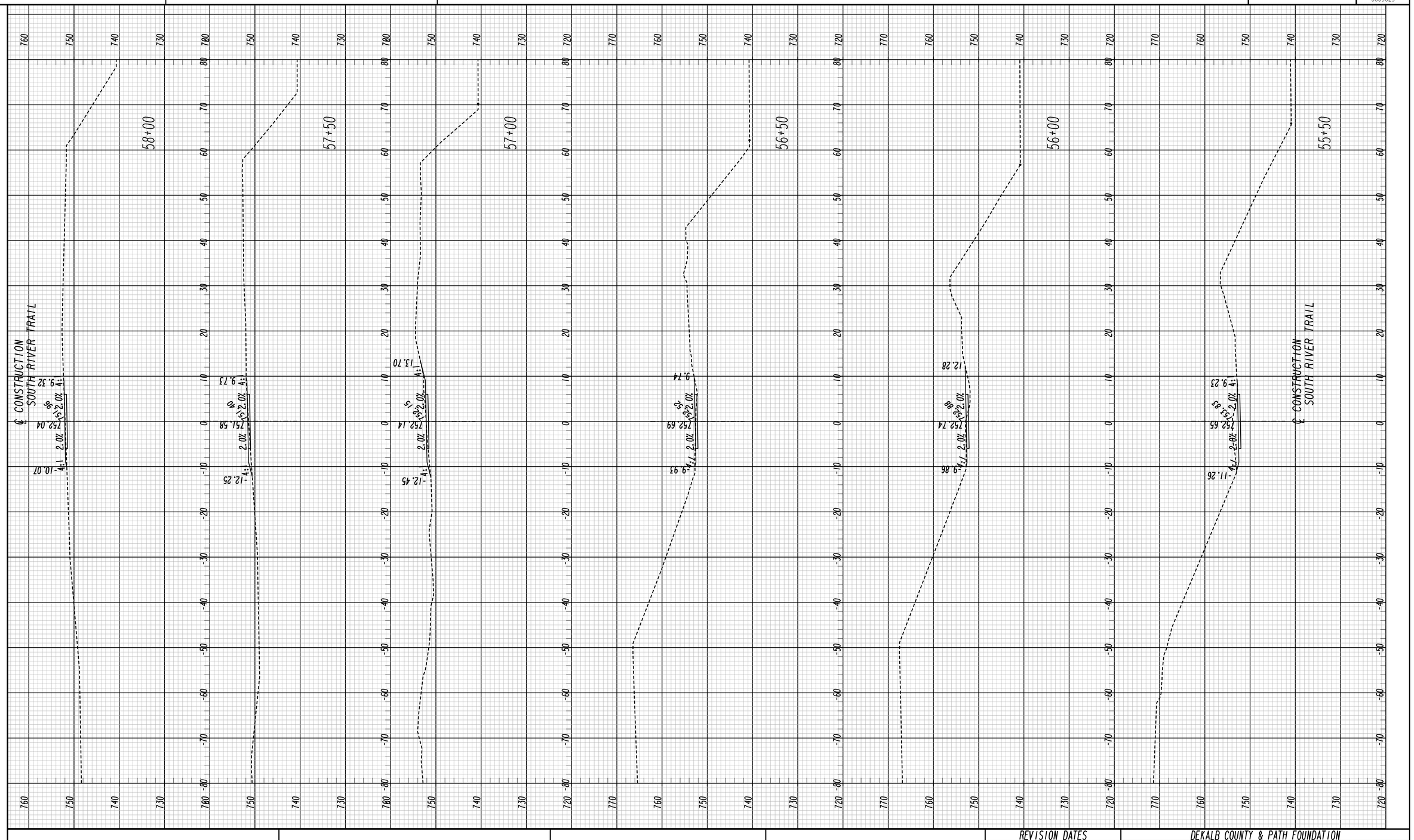
P. I. No. 0009029



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MARIETTA, GEORGIA 30066-5393
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SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

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

DRAWING No. 23-0014

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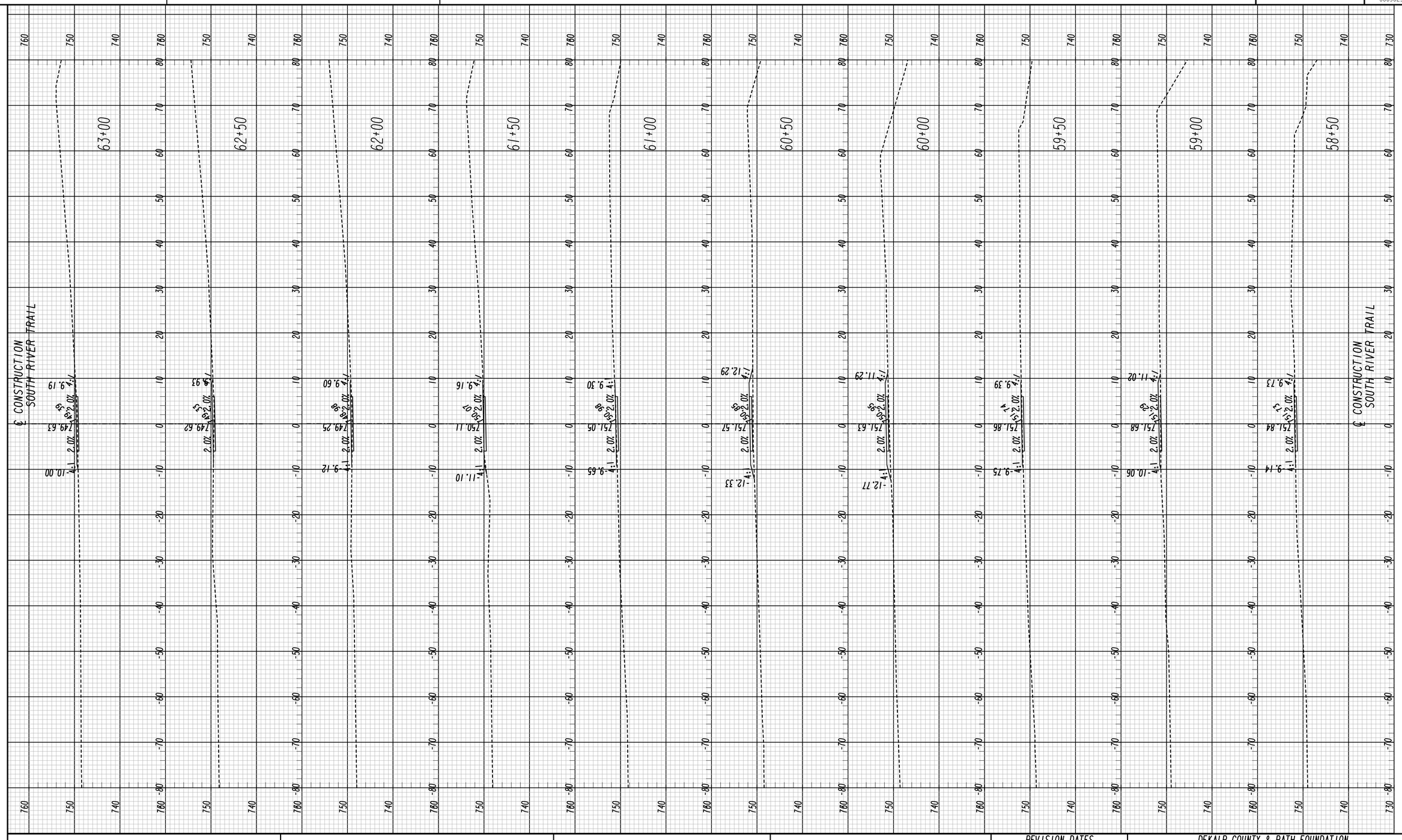

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SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

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

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USER:aevans

P. I. No. 0009029

67+50 67+00 66+50 66+00 65+50 65+00 64+50 64+00 63+50

℄ CONSTRUCTION SOUTH RIVER TRAIL

754.04 753.83 751.97 750.11 749.61

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SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

CHECKED:		DATE:	DRAWING No.
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VERIFIED:		DATE:	

7/31/2015 SUXEN

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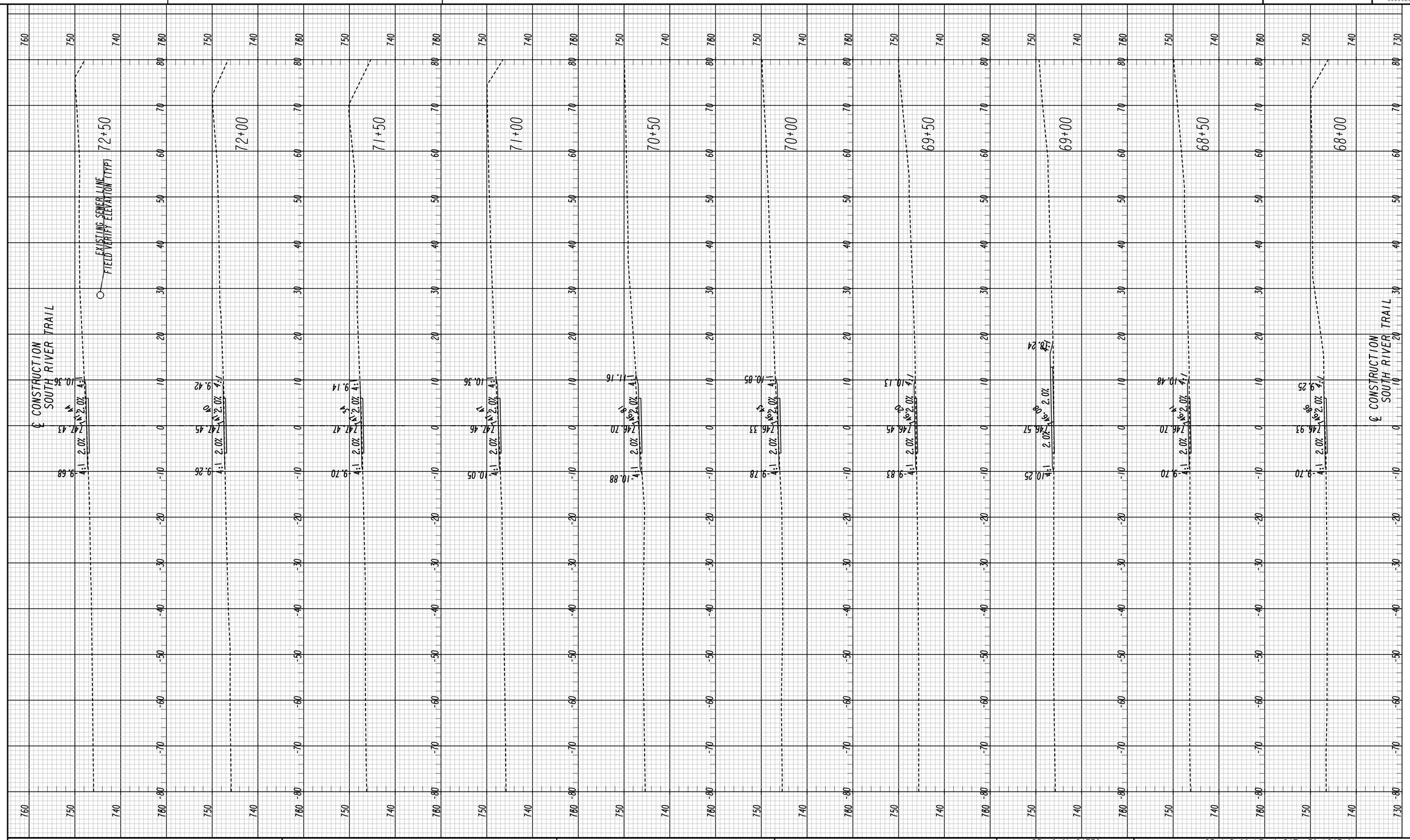
P. I. No.
0009029



Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

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

7/31/2015 SUXEN

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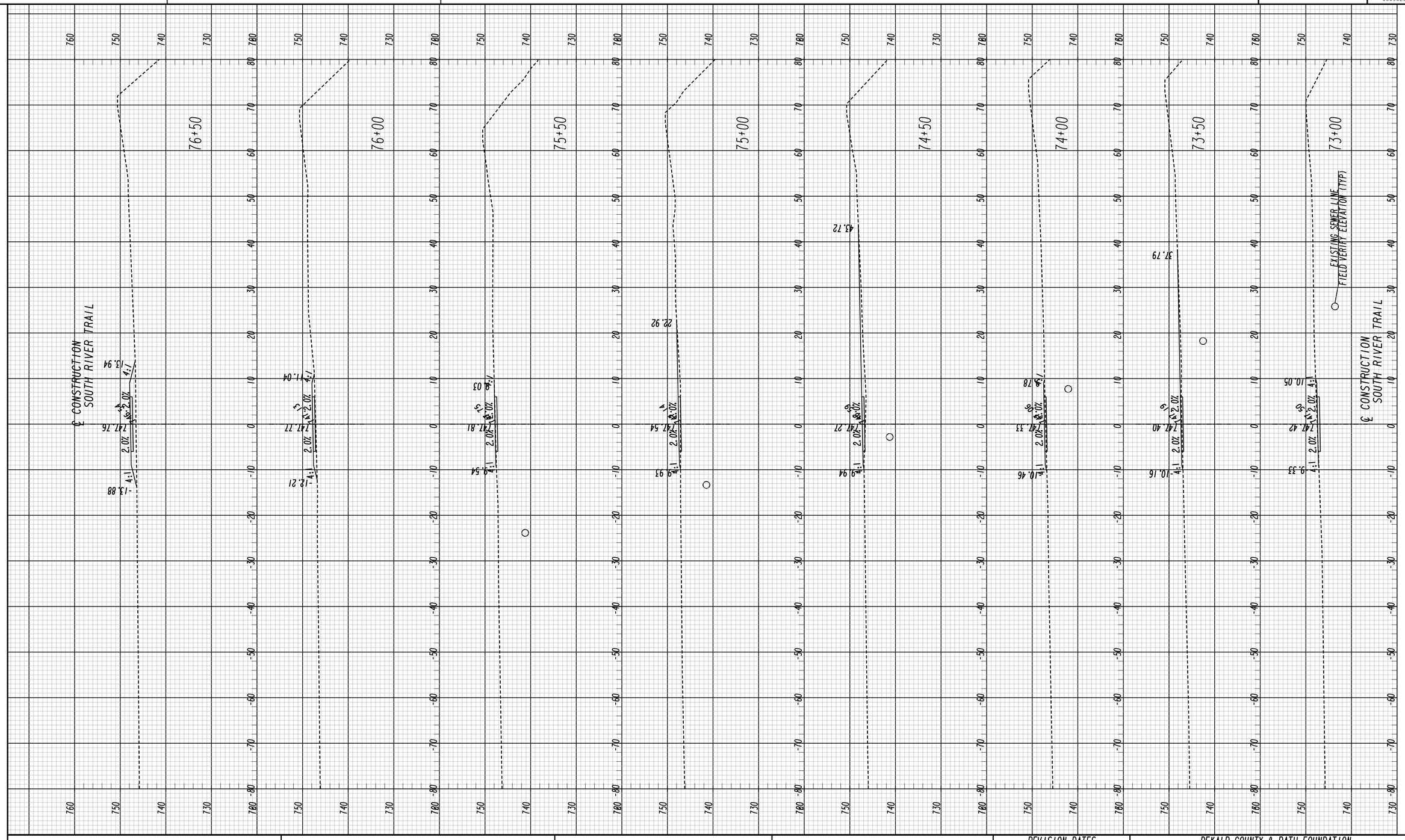
USER:aevans

P. I. No. 0009029



Heath & Lineback Engineers
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2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

CHECKED:		DATE:		DRAWING No.
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7/31/2015 SUXEN

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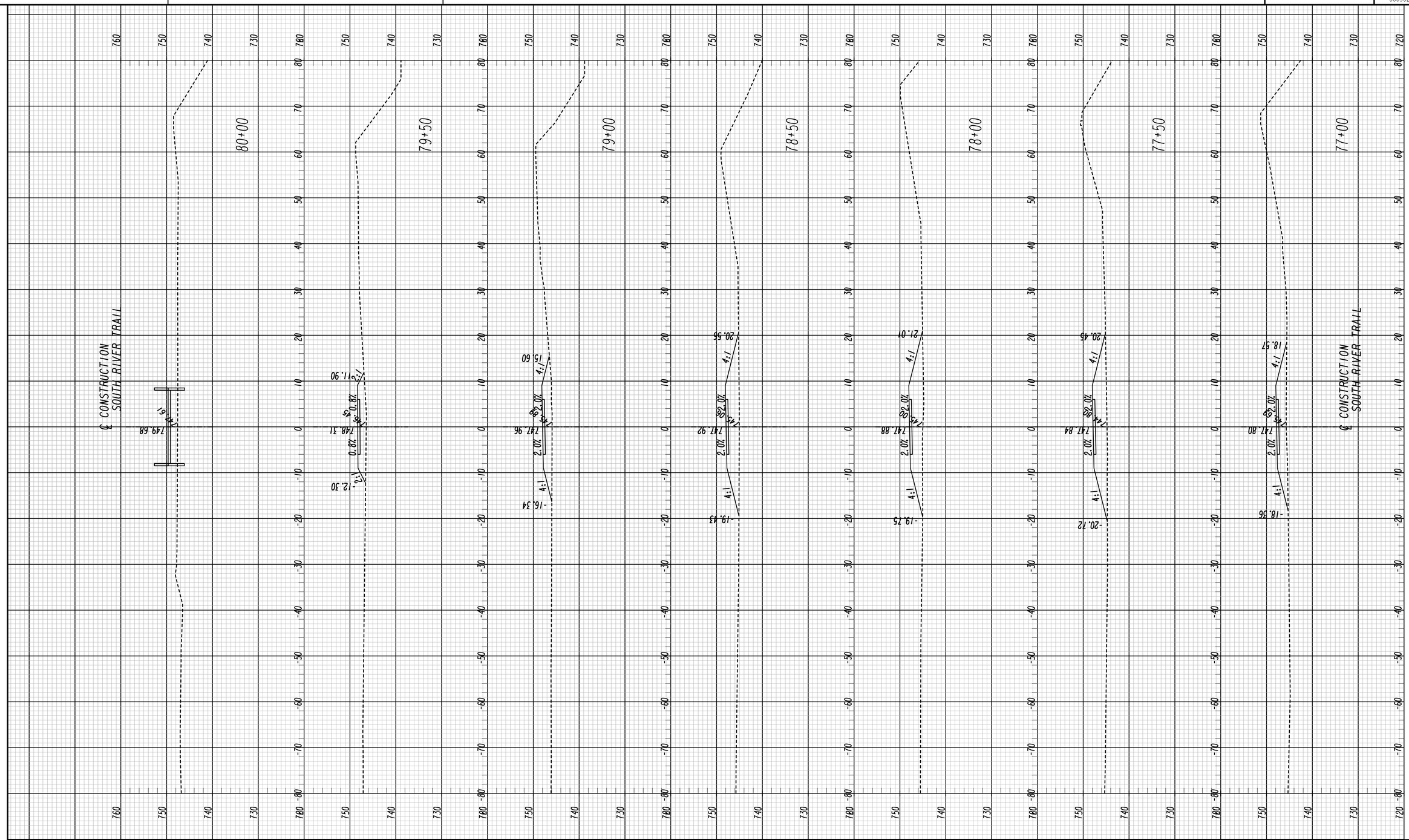
P. I. No. 0009029



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MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

CHECKED:		DATE:	DRAWING No.
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7/31/2015 SUXEN

7/27/2018 11:55:17 AM $PRF8$ J:\2012019\0009029\DGN\0009029_23.dgn

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P. I. No. 0009029

84+00 83+50 83+00 82+50 82+00 81+50 81+00 80+50

℄ CONSTRUCTION SOUTH RIVER TRAIL

748.65 750.37 750.80 750.14 749.48 749.57 750.06

7.46.63 7.41.9 7.41.29 7.41.46 7.46.54 7.46.03 7.41.68

746.97 747.95 747.1 747.2 747.10.95 747.10.85

℄ CONSTRUCTION SOUTH RIVER TRAIL

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SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	23-0020
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7/31/2015 SUXEN

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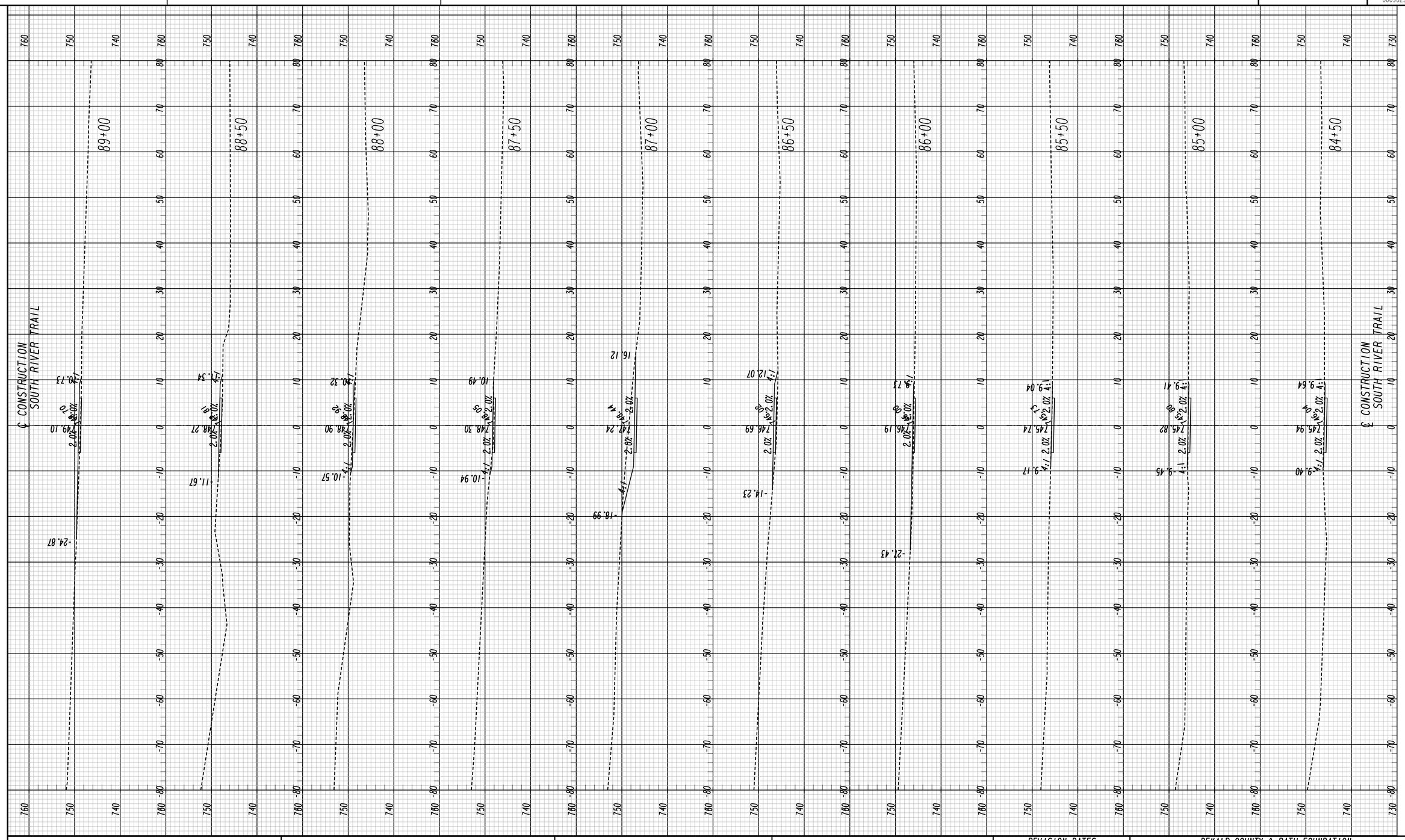

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SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

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VERIFIED:		DATE:		

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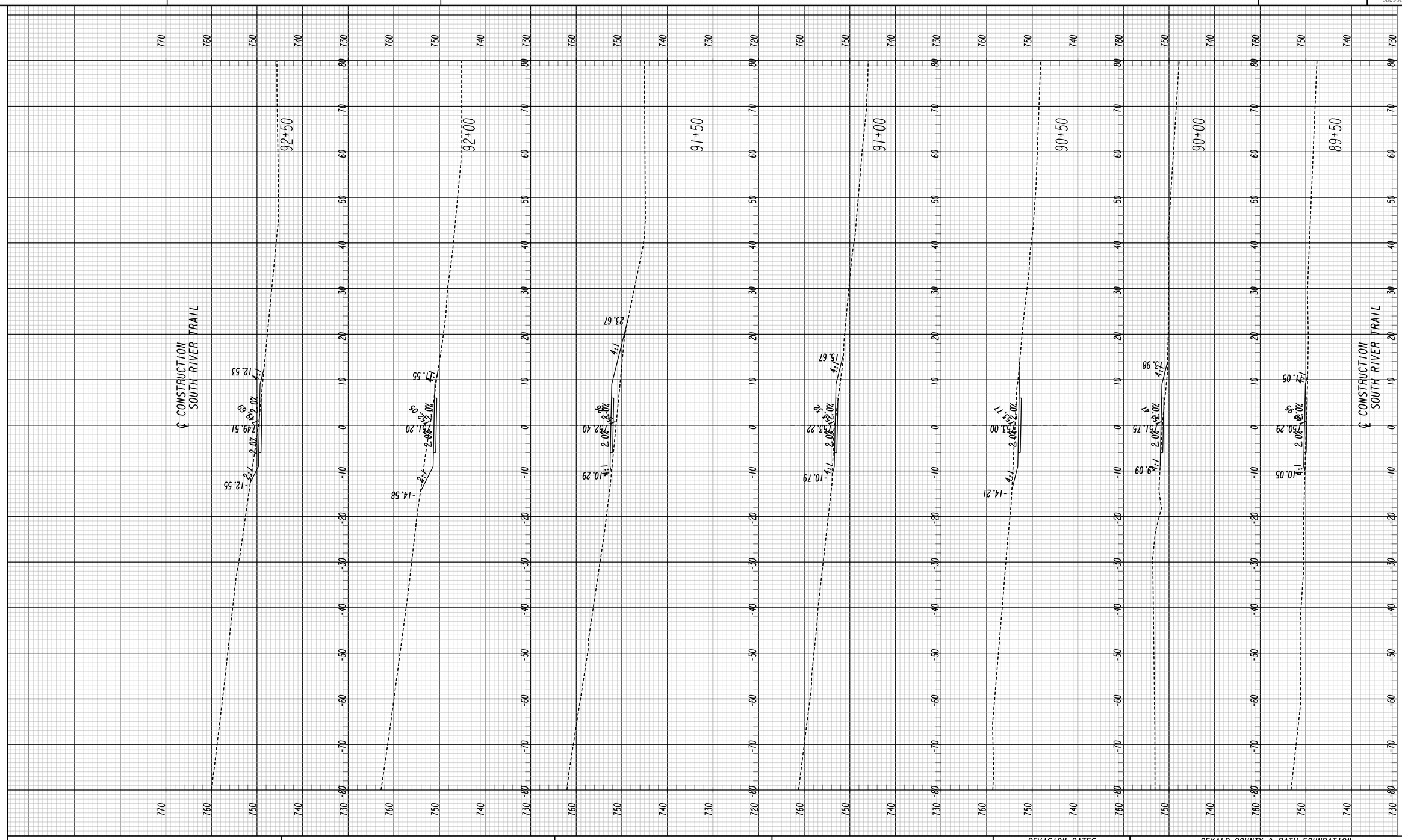
0009029



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SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

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

7/31/2015 SUXEN

7/27/2018 11:55:25 AM $PRF8$ J:\2012019\0009029\DGN\0009029_23.dgn

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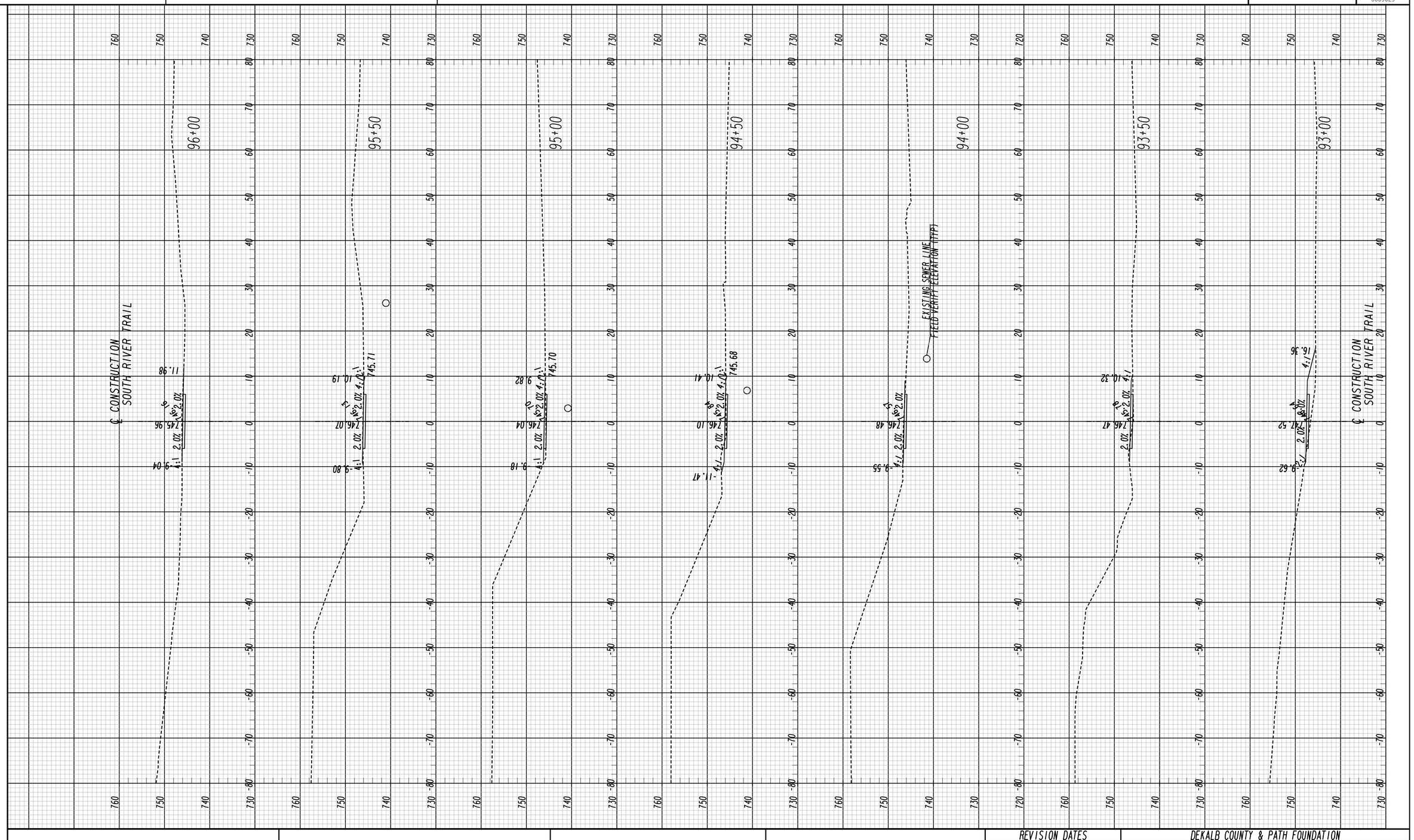
96+00
95+50
95+00
94+50
94+00
93+50
93+00
℄ CONSTRUCTION
SOUTH RIVER TRAIL
EXISTING SEWER LINE
FIELD VERIFY ELEVATION (TYP.)
11.98
10.19
9.82
10.41
9.55
10.32
16.36
9.62
2.0%
4:1
2.0%
4:1
2.0%
4:1

7/27/2018 11:55:27 AM $PRF8$ J:\2012019\0009029\DGN\0009029_23.dgn

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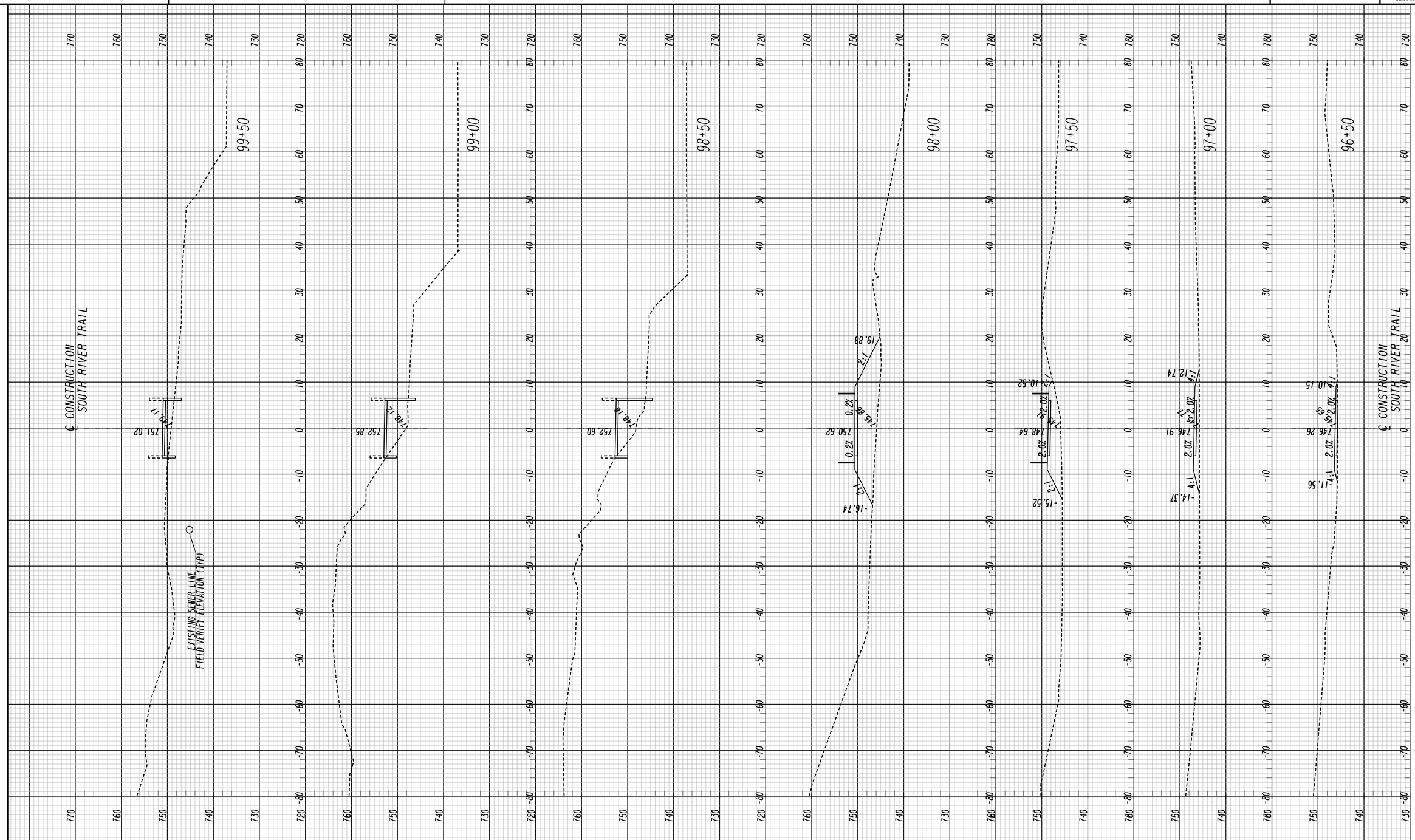

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SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

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

7/31/2015 SUXEN

7/27/2018 11:55:30 AM $PRF8$ J:\2012019\0009029\DGN\0009029_23.dgn

USER:aevans

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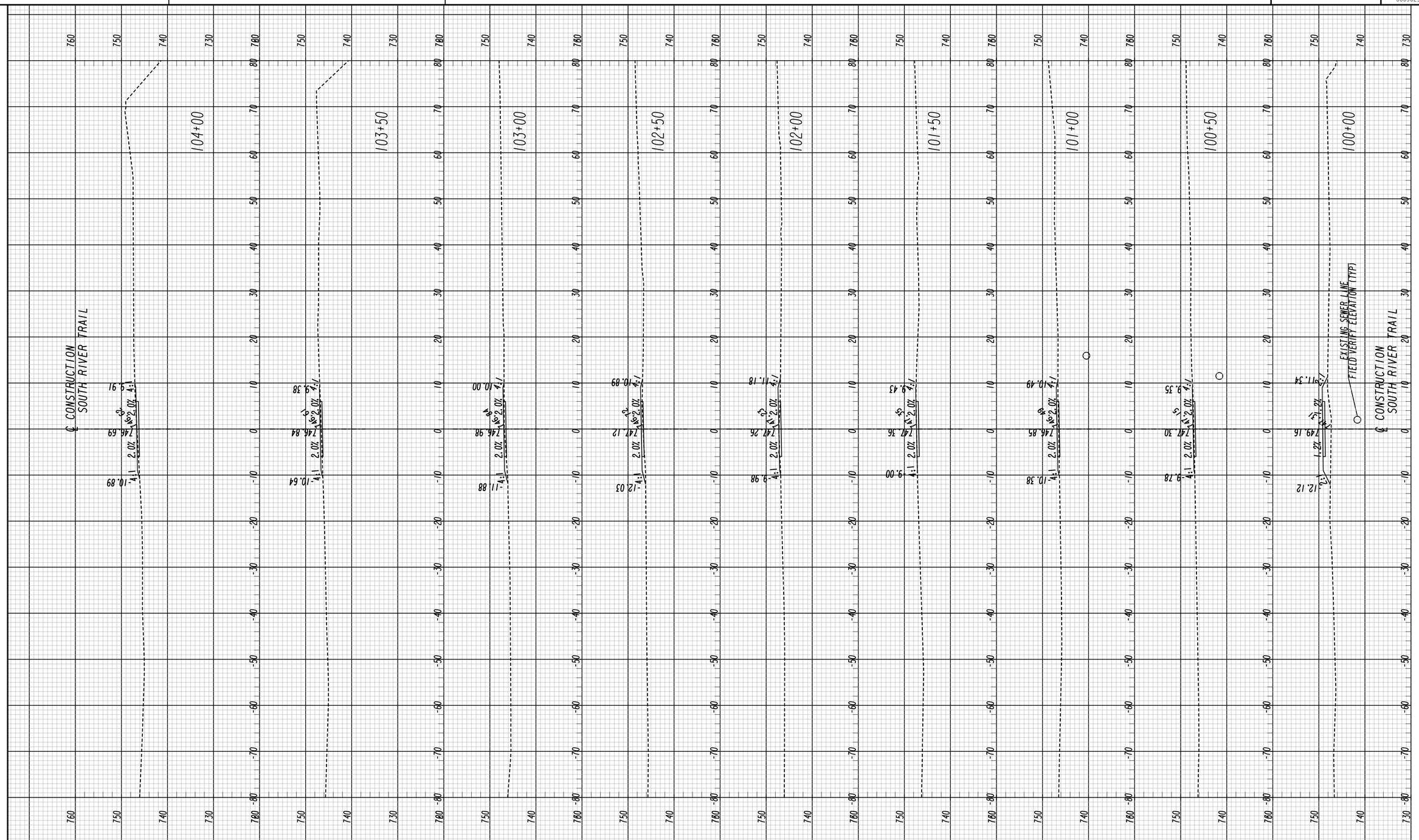

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0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

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BACKCHECKED:		DATE:	23-0025
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VERIFIED:		DATE:	

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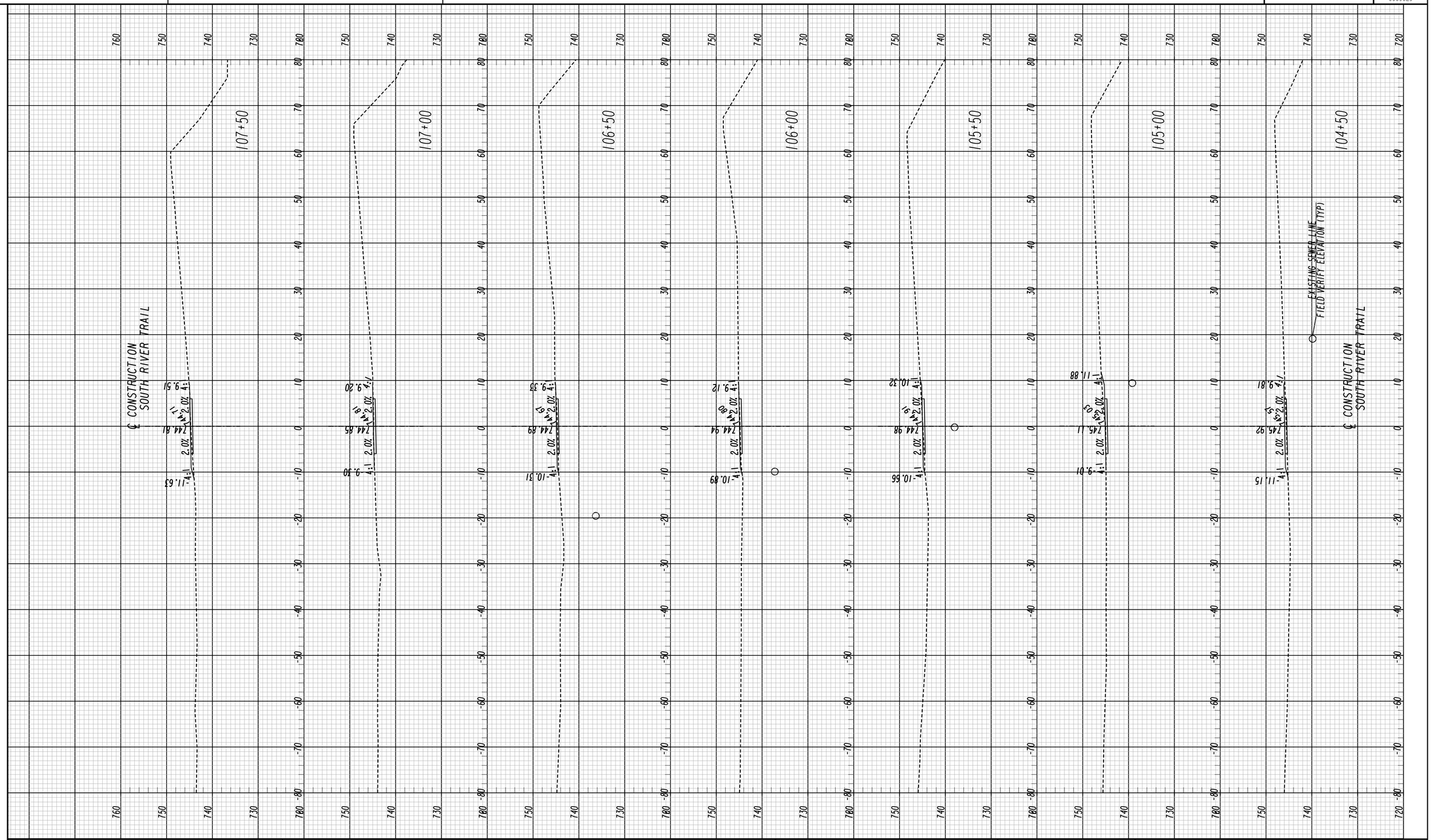
USER:aevans

P. I. No. 0009029



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SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	23-0026
CORRECTED:		DATE:	
VERIFIED:		DATE:	

7/31/2015 SUXEN

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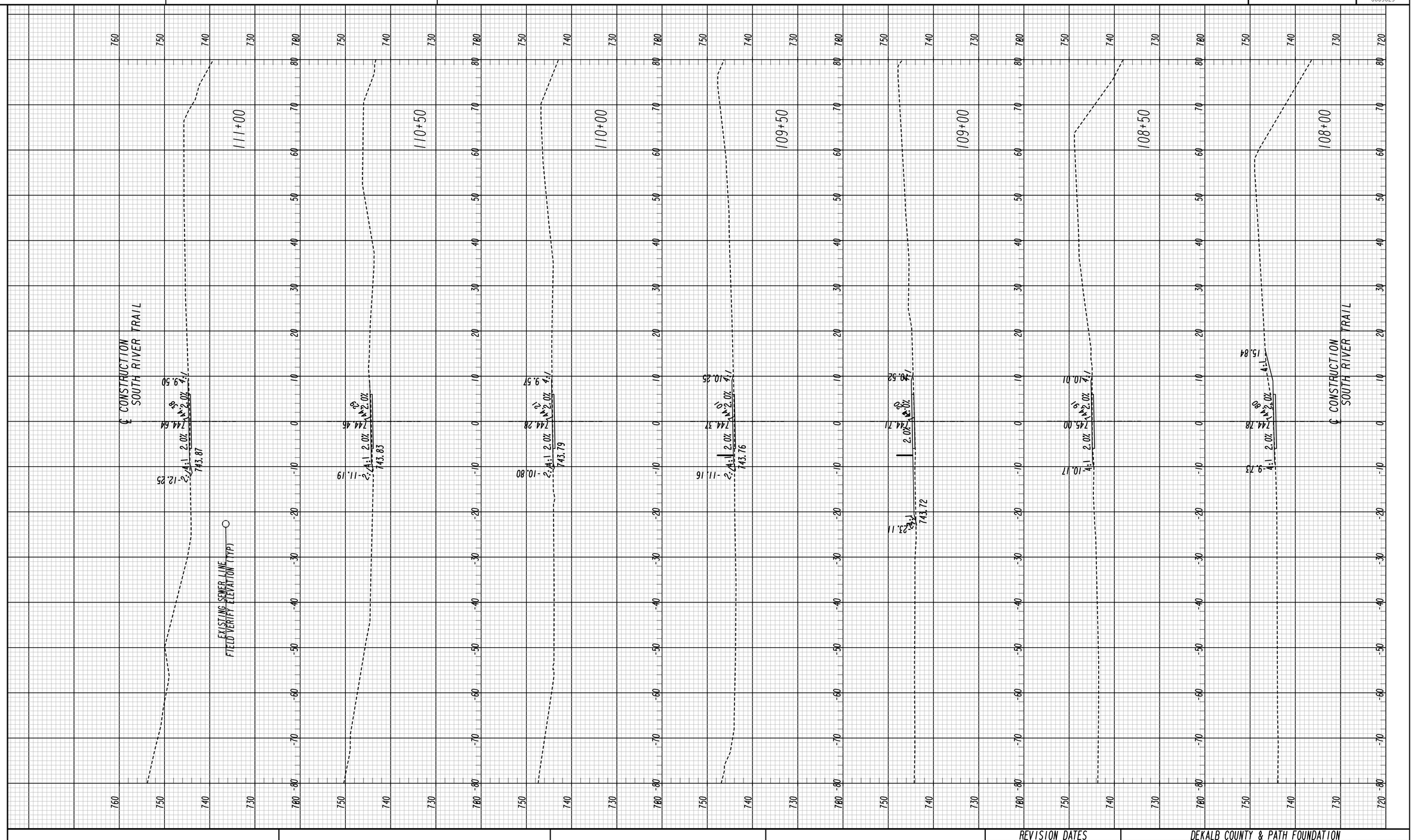

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

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CORRECTED:		DATE:		
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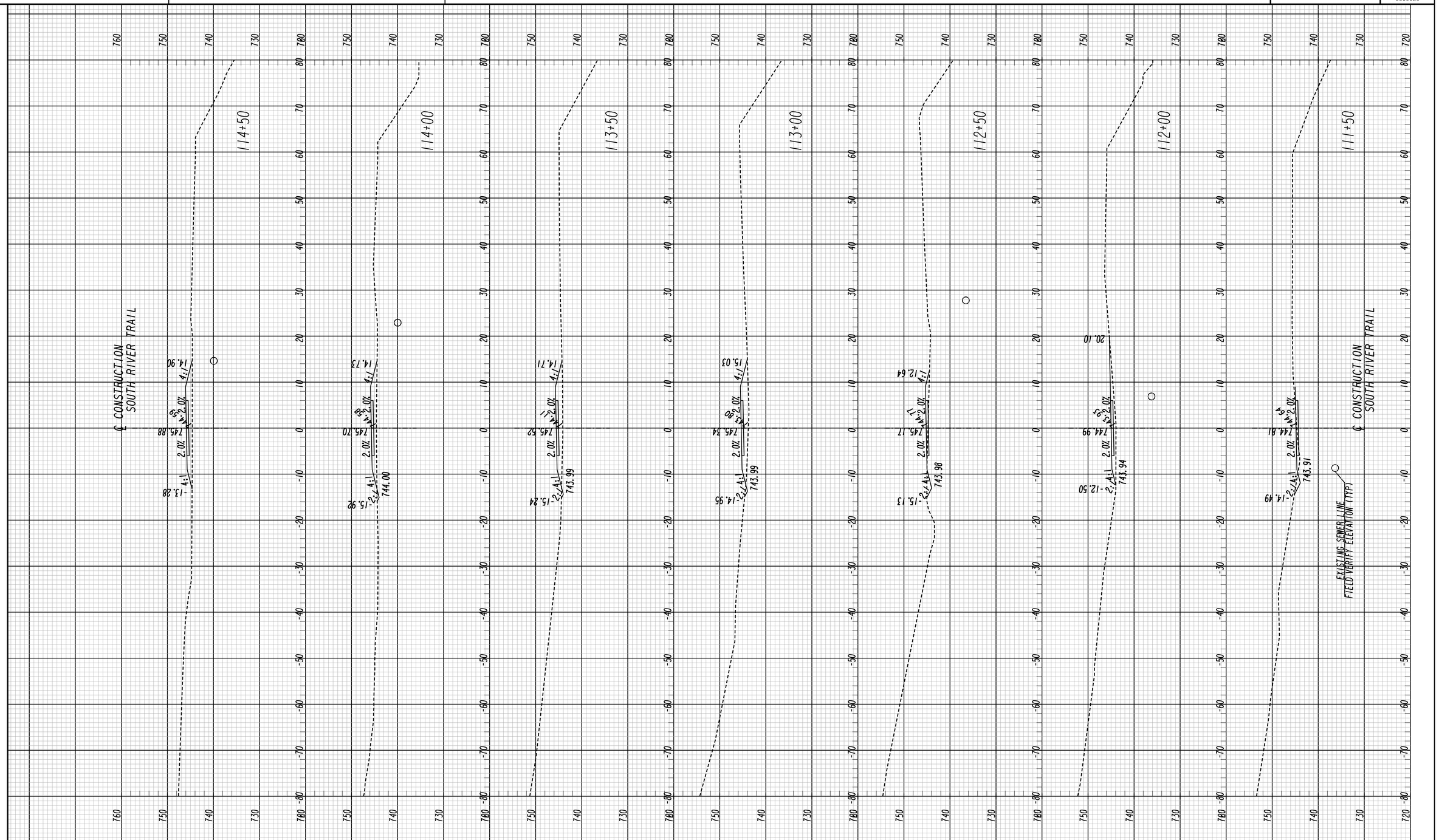

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SCALE IN FEET
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

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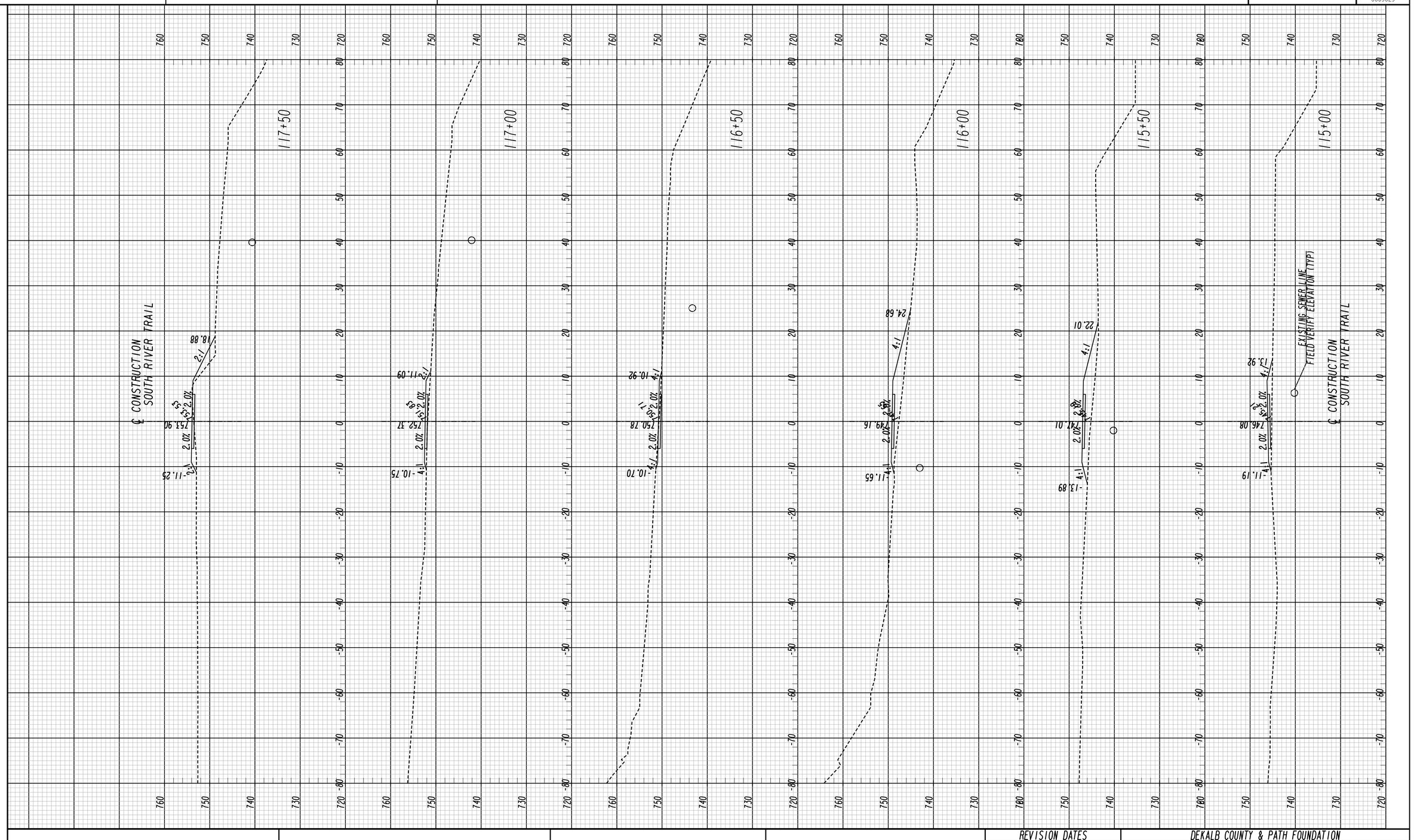

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SCALE IN FEET
0 10 20 40

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

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VERIFIED:		DATE:		

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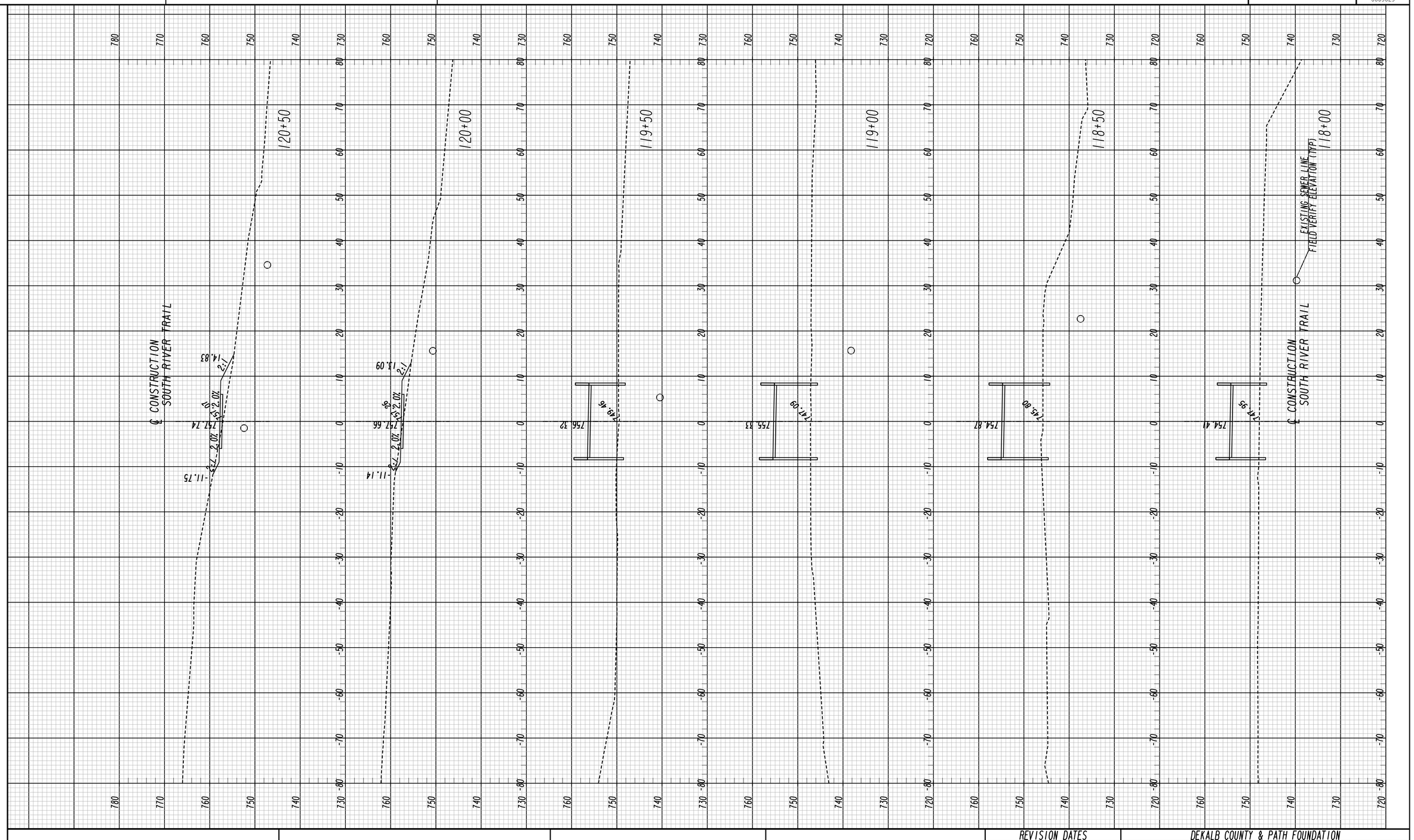

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SCALE IN FEET
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

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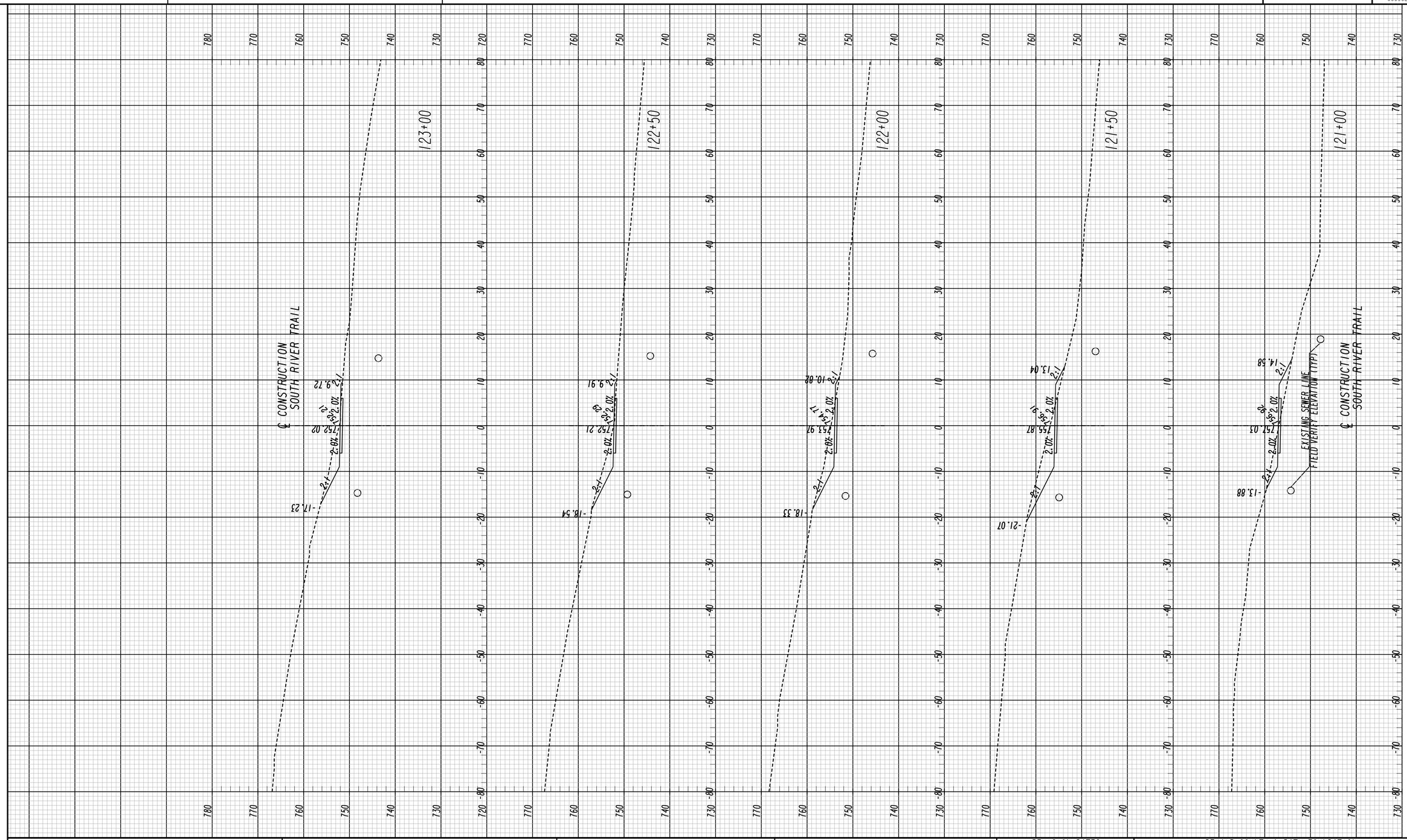

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SCALE IN FEET
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

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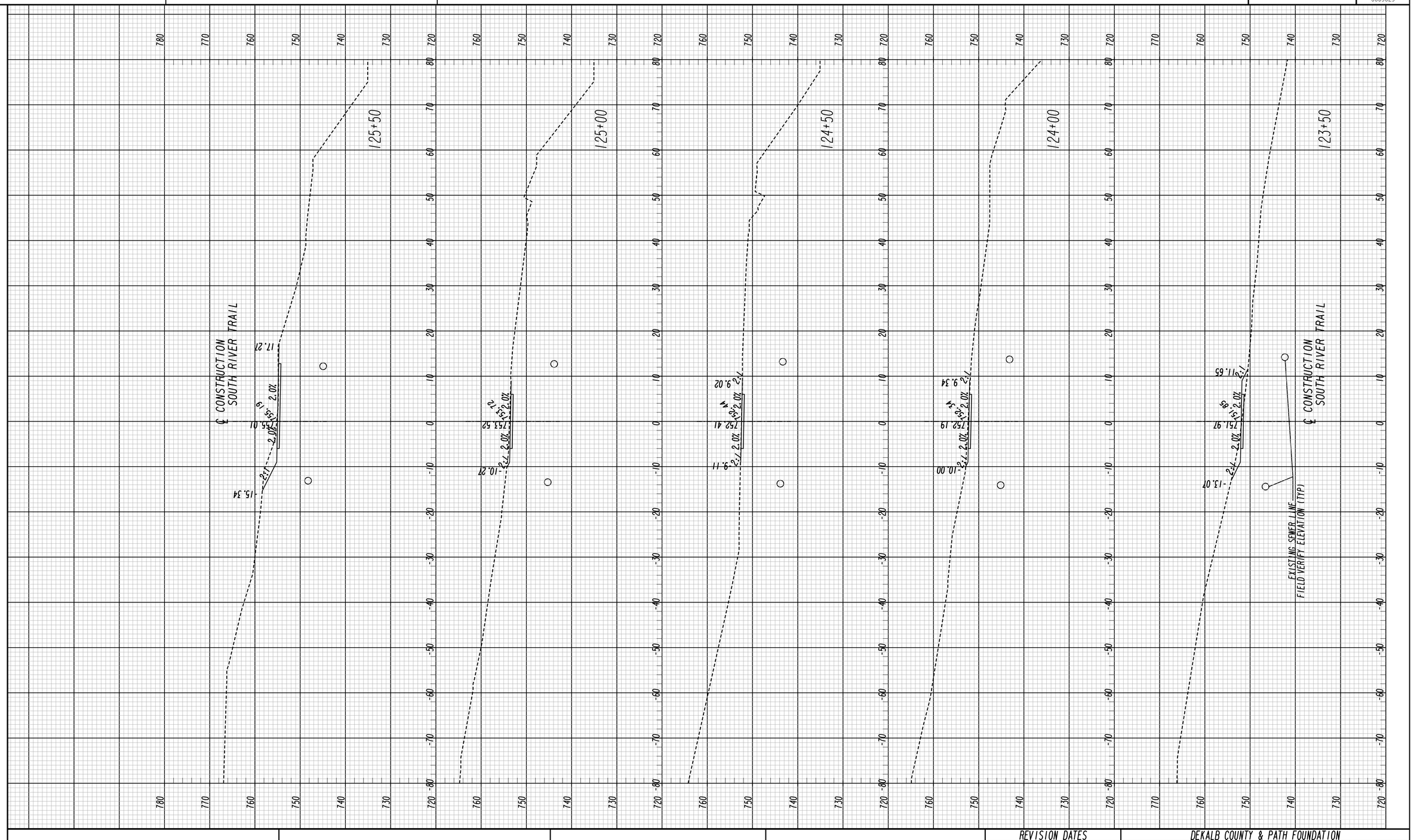

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SCALE IN FEET
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

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VERIFIED:		DATE:		

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USER:cdean

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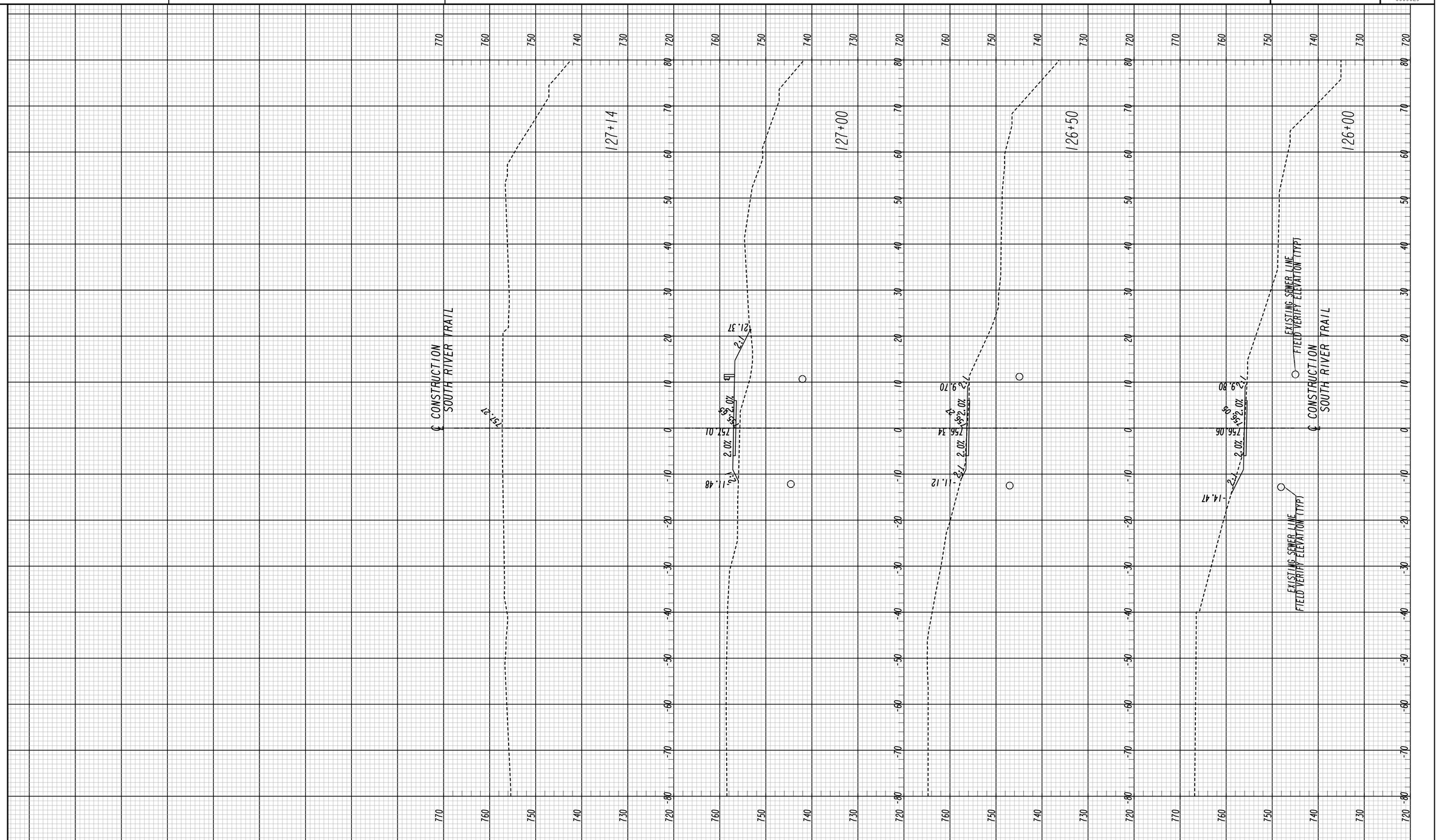

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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

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VERIFIED:		DATE:	

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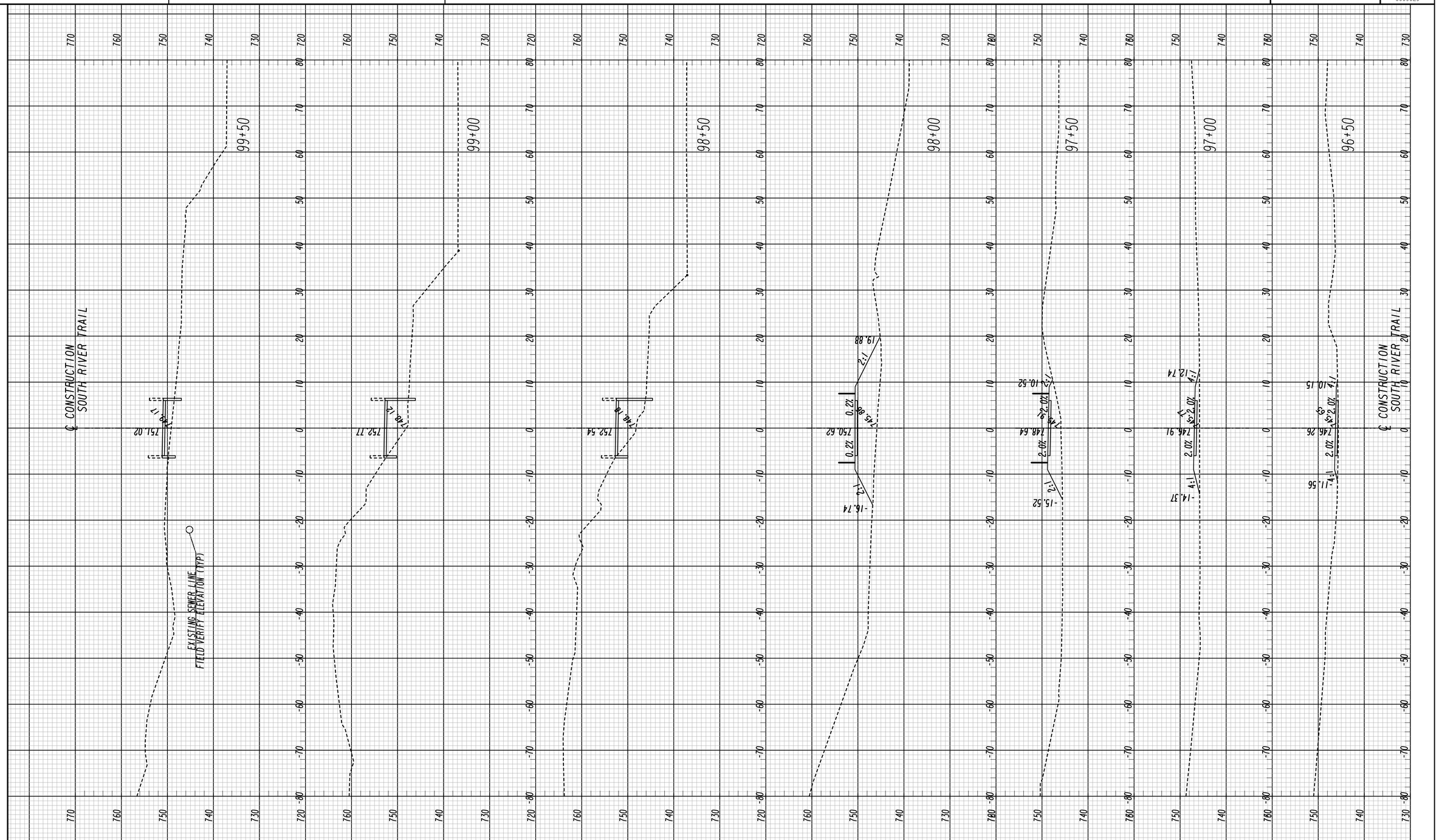
P. I. No. 0009029



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DEKALB COUNTY & PATH FOUNDATION

CROSS SECTIONS

SOUTH RIVER TRAIL, PHASE 5

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CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 SUXEN

UTILITY LINECODES

	EXISTING	TO BE REMOVED	PROPOSED	TYPE OF UTILITY
OVERHEAD	E	E	E	ELECTRIC
	E-T	E-T	E-T	ELECTRIC/TELECOMMUNICATIONS
	E-TV	E-TV	E-TV	ELECTRIC/CABLE TV
	E-T-TV	E-T-TV	E-T-TV	ELECTRIC/TELECOMMUNICATIONS/CABLE TV
	GW	GW	GW	GUY WIRE
	T	T	T	TELECOMMUNICATIONS
	T-TV	T-TV	T-TV	TELECOMUNICATIONS/CABLE TV
	TV	TV	TV	CABLE TV
UNDERGROUND	E	E	E	ELECTRIC
	T	T	T	TELECOMMUNICATIONS
	TV	TV	TV	CABLE TV
	W	W	W	WATER
	**W	**W	**W	WATER FOR LABELED PIPE SIZES
	NW	NW	NW	NON-POTABLE WATER
	**NW	**NW	**NW	NON-POTABLE WATER FOR LABELED PIPE SIZES
	STM	STM	STM	STEAM
	**STM	**STM	**STM	STEAM FOR LABELED PIPE SIZES
	SS	SS	SS	SANITARY SEWER WITH FLOW DIRECTION
	**SS	**SS	**SS	SANITARY SEWER WITH FLOW DIRECTION FOR LABELED PIPE SIZES
	SFM	SFM	SFM	SANITARY SEWER FORCE MAIN WITH FLOW DIRECTION
	G	G	G	GAS
	**G	**G	**G	GAS FOR LABELED PIPE SIZES
	P	P	P	PETROLEUM
	**P	**P	**P	PETROLEUM FOR LABELED PIPE SIZES

UTILITY SYMBOLS

EXISTING	PROPOSED	TEMPORARY		EXISTING	PROPOSED	TEMPORARY	
			UTILITY POLE/GUY POLE				FIRE HYDRANT ASSEMBLY (INCLUDES ASSOCIATED VALVE)
			LIGHT POLE	BFP	BFP	BFP	BACKFLOW PREVENTER
			GUY ANCHOR	PIV	PIV	PIV	PRESSURE INDICATOR VALVE
			MARKER	ARV	ARV	ARV	AIR RELEASE VALVE
X	X	X	SPLICE BOX	W	W	W	WELL
			CABINET	W	W	W	WATER VAULT
			VENT	W	W	W	WATER VALVE MARKER
E	E	E	ELECTRIC MANHOLE				STAND PIPE
H	H	H	HAND HOLE				CLEANOUT
E	E	E	TRANSFORMER	SS	SS	SS	SANITARY SEWER MANHOLE
E	E	E	ELECTRIC METER	ARV	ARV	ARV	AIR RELEASE VALVE
E	E	E	ELECTRIC BOX	GT	GT	GT	GREASE TRAP
T	T	T	TELECOMMUNICATIONS MANHOLE	S	S	S	SANITARY SEWER FORCE MAIN VALVE
T	T	T	TELECOMMUNICATIONS PEDESTAL	G	G	G	GAS VALVE
SLC	SLC	SLC	SUBCRIBER LOOP CARRIER (aka "SLICK")	G	G	G	GAS METER
			PHONE BOOTH	G	G	G	GAS MANHOLE
			CABLE TV PEDESTAL	GPR	GPR	GPR	GAS PRESSURE REGULATOR
TV	TV	TV	CABLE TV MANHOLE	G	G	G	GAS VAULT
W	W	W	WATER VALVE	GTS	GTS	GTS	GAS TEST STATION
W	W	W	WATER METER	P	P	P	PETROLEUM VALVE
W	W	W	WATER MANHOLE	TS BOX	TS BOX	TS BOX	TRAFFIC SIGNAL BOX

GEORGIA 811
Utilities Protection Center, Inc.
Know what's **below.**
Call before you dig.

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

UTILITY PLANS

SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
BACKCHECKED:	CAD	DATE:	05-07-2018
CORRECTED:	AE & PAL	DATE:	05-07-2018
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 24-0000

7/31/2015 GPLN

BEGIN PROJECT
BEGIN CONSTRUCTION
SOUTH RIVER TRAIL
STA 10+11.00
N = 1341591.5549
E = 2263154.0625

TIE TO GRAVEL

SWCB
TOP=761.86
IE IN=754.3
IE OUT=754.2
36" CMP

24" CMP

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
ESA - DEKALB COUNTY 75' STREAM BUFFER

SDMH
TOP=756.12
IE IN(36")=751.6
IE IN(24")=752.4
IE OUT=750.5

BOARD OF REGENTS OF THE UNIVERSITY SYSTEM OF GEORGIA
TAX ID 15-088-01-002

EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES

11+00
12+00
13+00
14+00

APPARENT (TYP) 15' SSE

A-1 A-2 B-1 B-2 C-1 C-2

CURVE #1
CURVE #2
CURVE #3

S 30°47'29" E
℄ SOUTH RIVER TRAIL & PGL
S 34°51'36" E

ORANGE BARRIER FENCE (TYP)
S 72°16'18" E

SSMH
TOP=757.17
IE=NOT OBTAINED

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
ESA - 25' STREAM BUFFER

MATCHLINE STA 14+50
N 1341256.26
E 2263419.24
SEE SHEET 24-0002

NOTE: ALL UTILITIES SHALL REMAIN UNDISTURBED.

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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
UTILITY PLANS
SOUTH RIVER TRAIL, PHASE 5

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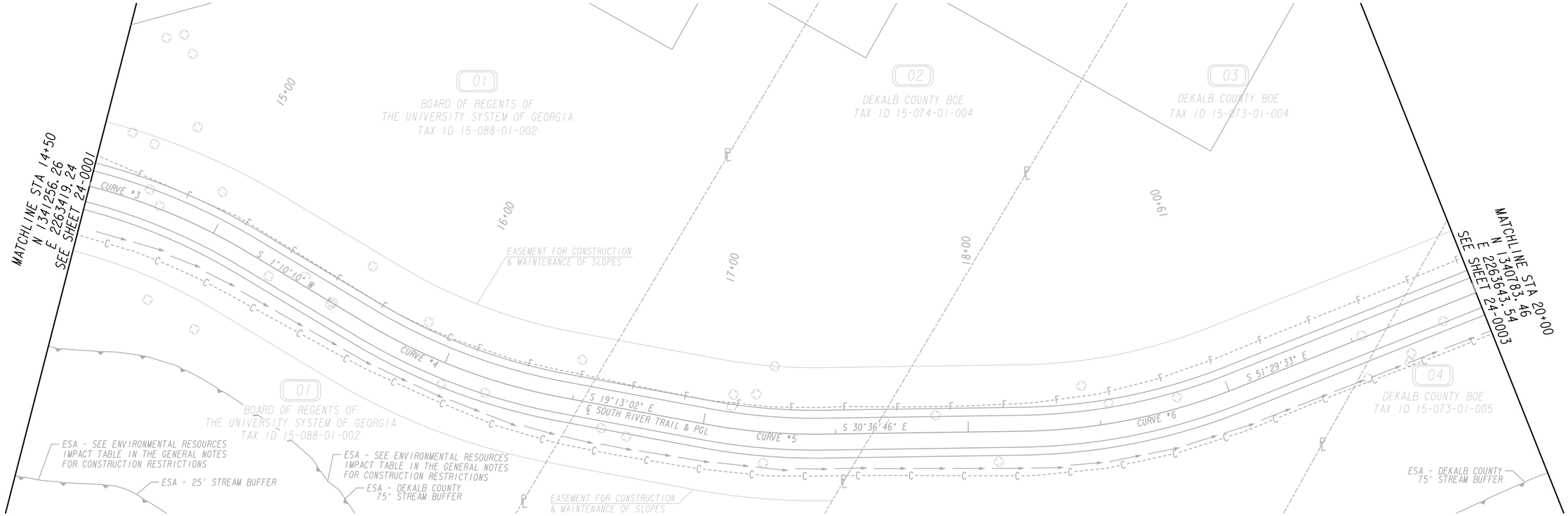
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 24-0001

7/31/2015 GPLN



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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

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SCALE IN FEET
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

UTILITY PLANS

SOUTH RIVER TRAIL, PHASE 5

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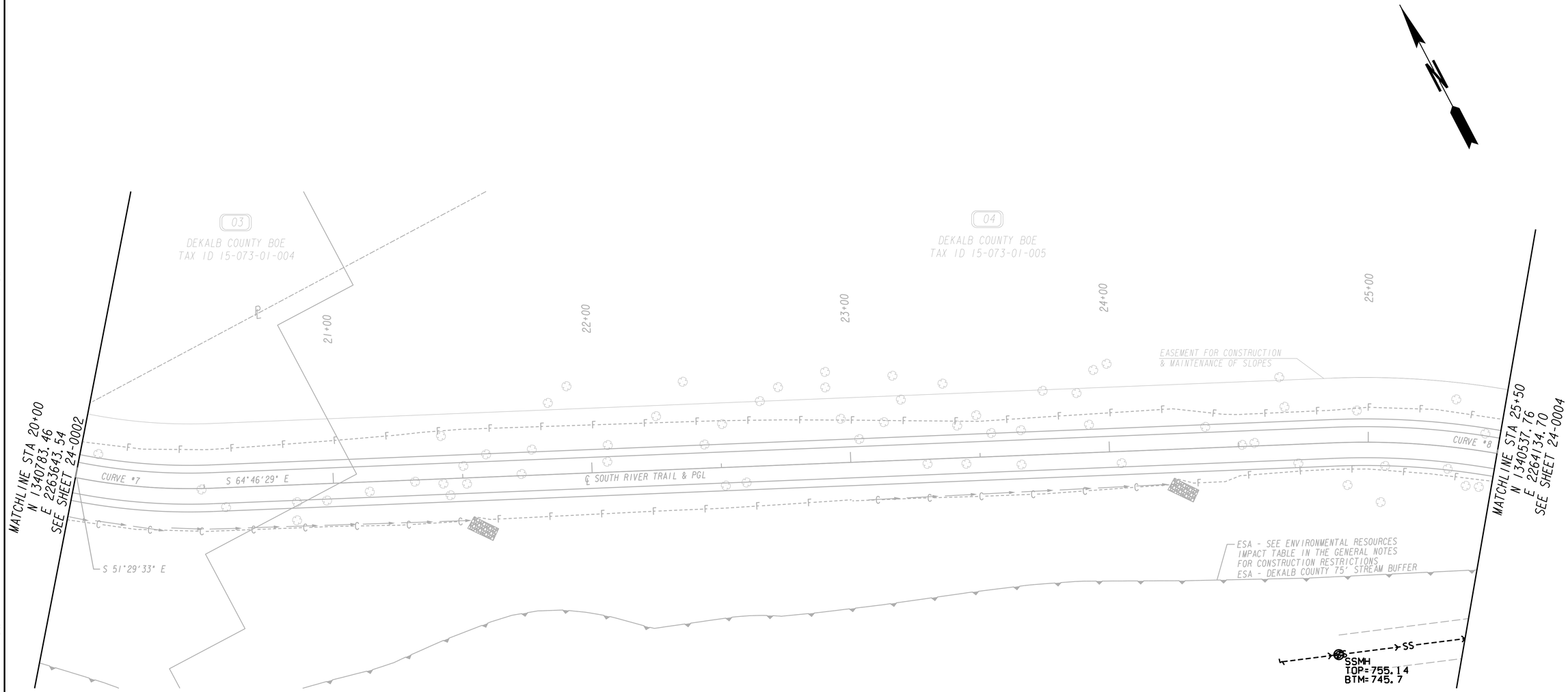
VERIFIED:	MWH	DATE:	05-07-2018	

7/31/2015 GPLN



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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

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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

UTILITY PLANS

SOUTH RIVER TRAIL, PHASE 5

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DRAWING No.
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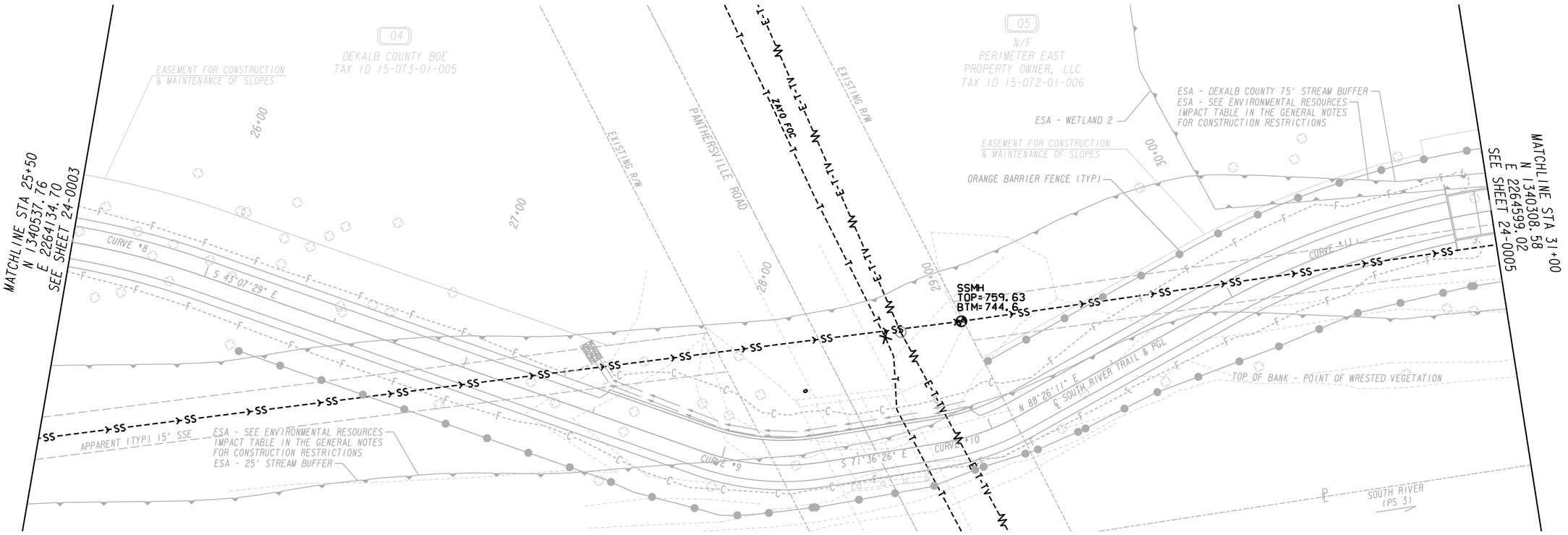

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PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
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BEGIN LIMIT OF ACCESS.....BLA
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REQ'D R/W & LIMIT OF ACCESS

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DEKALB COUNTY & PATH FOUNDATION
UTILITY PLANS
SOUTH RIVER TRAIL, PHASE 5

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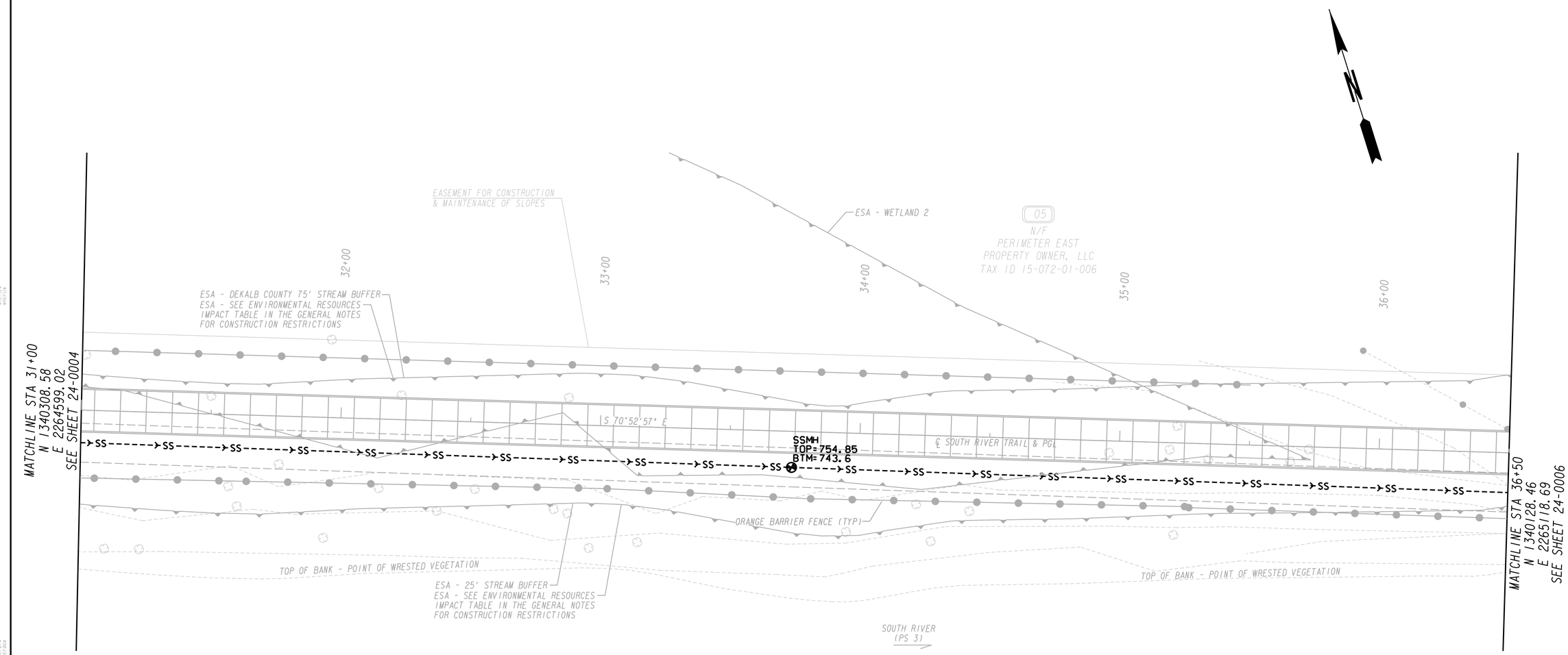
DRAWING No. 24-0004

7/31/2015 GPLN



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PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
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BEGIN LIMIT OF ACCESS.....BLA
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LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

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REVISION DATES

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SOUTH RIVER TRAIL, PHASE 5

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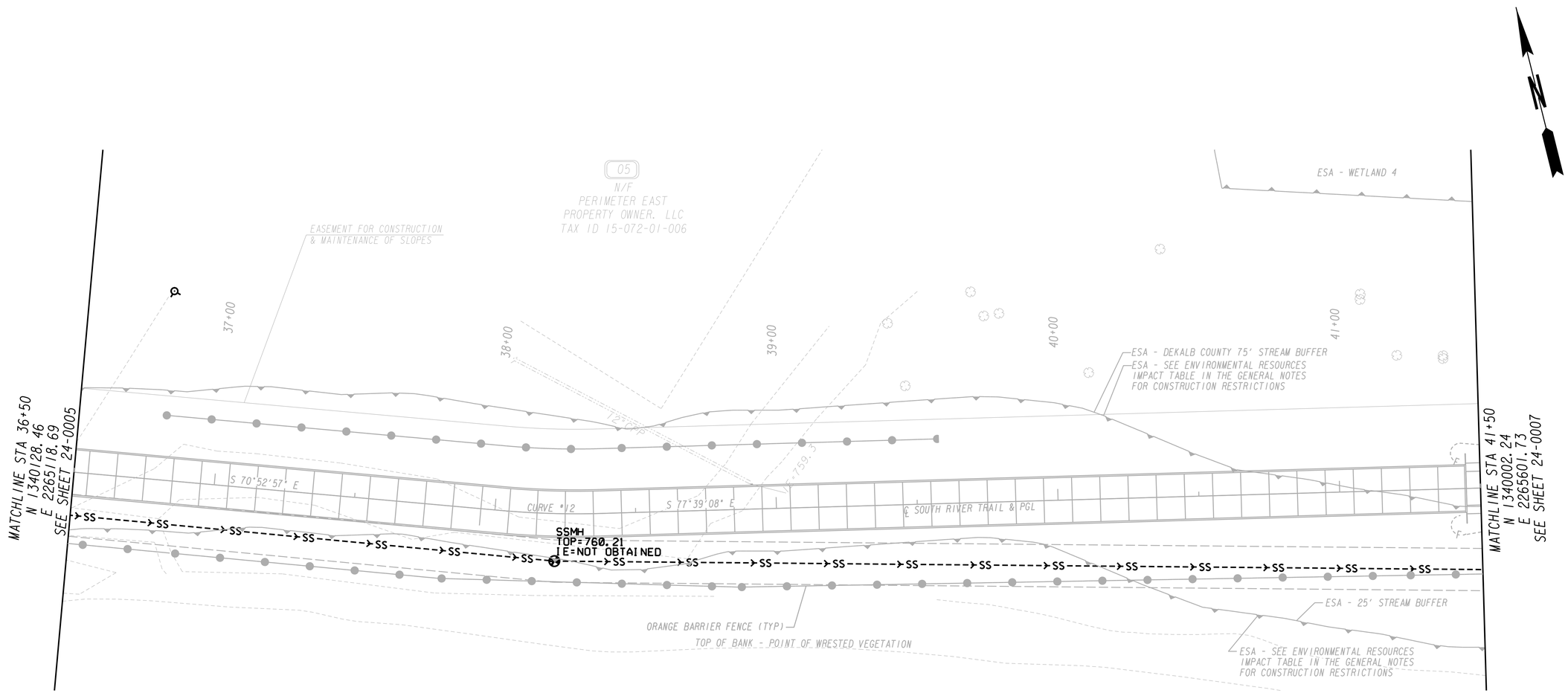

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REQUIRED R/W LINE
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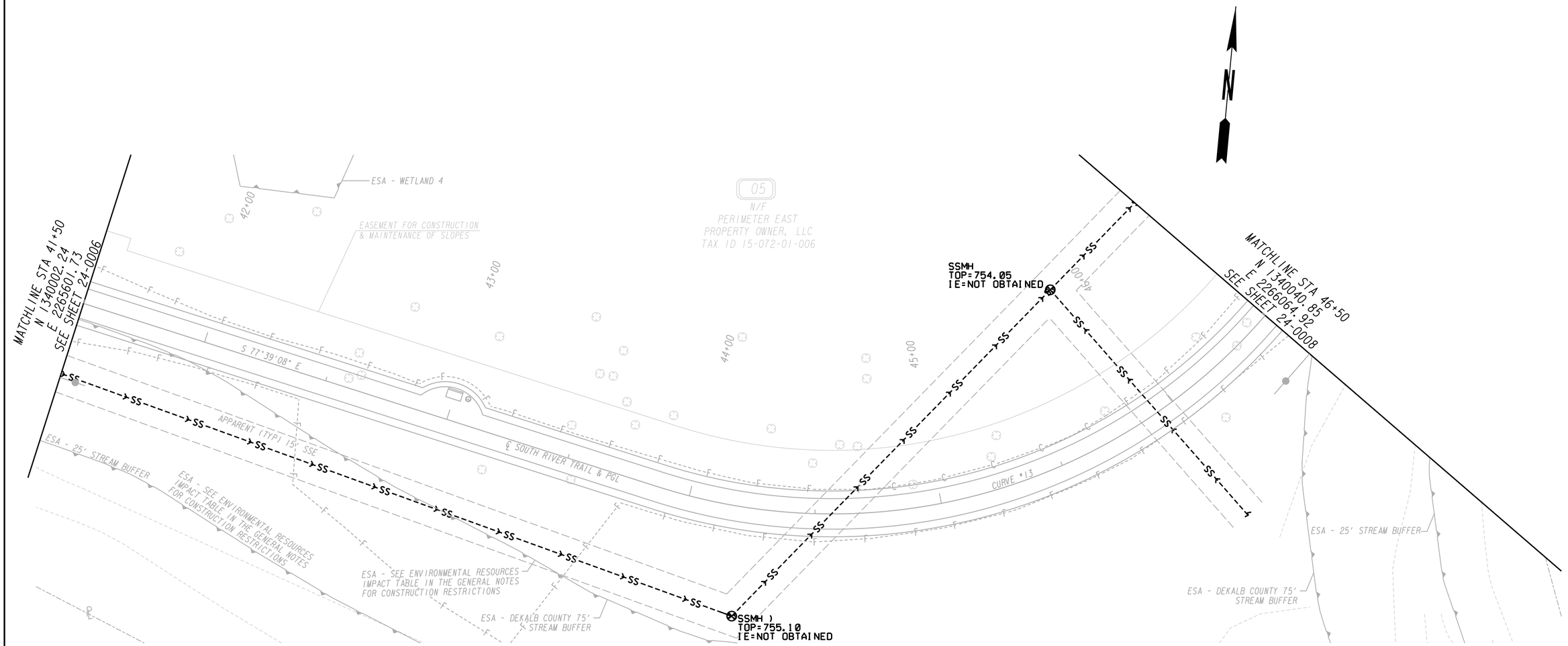

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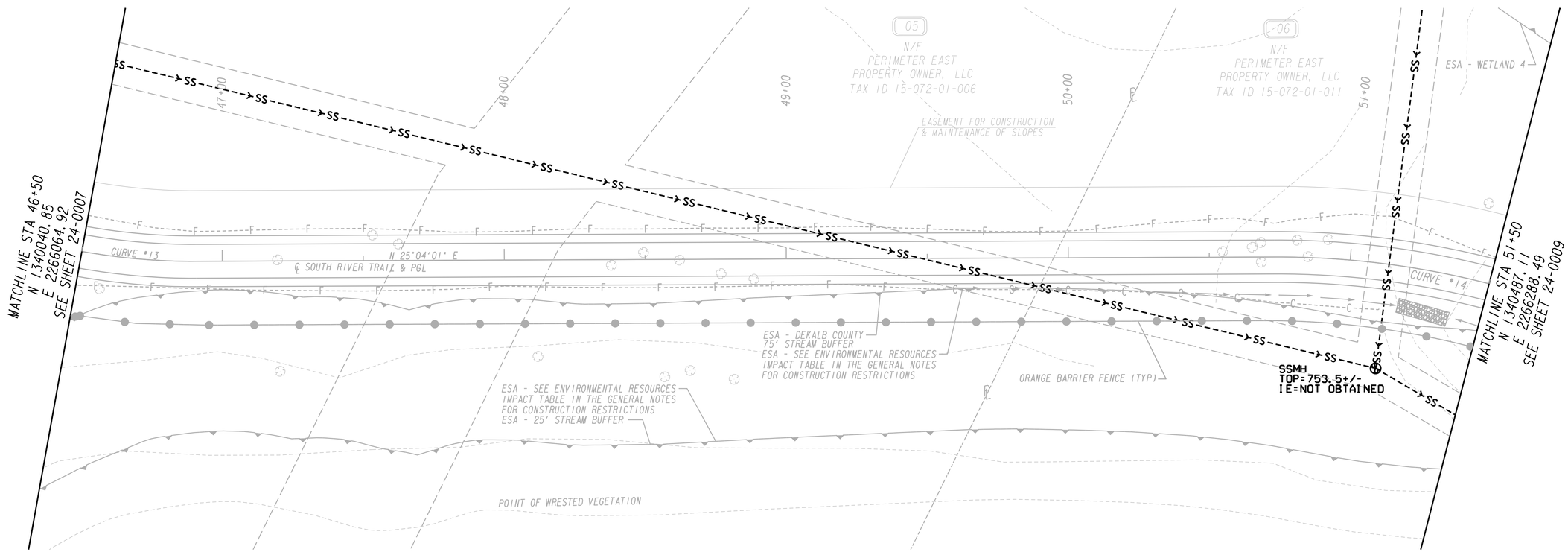

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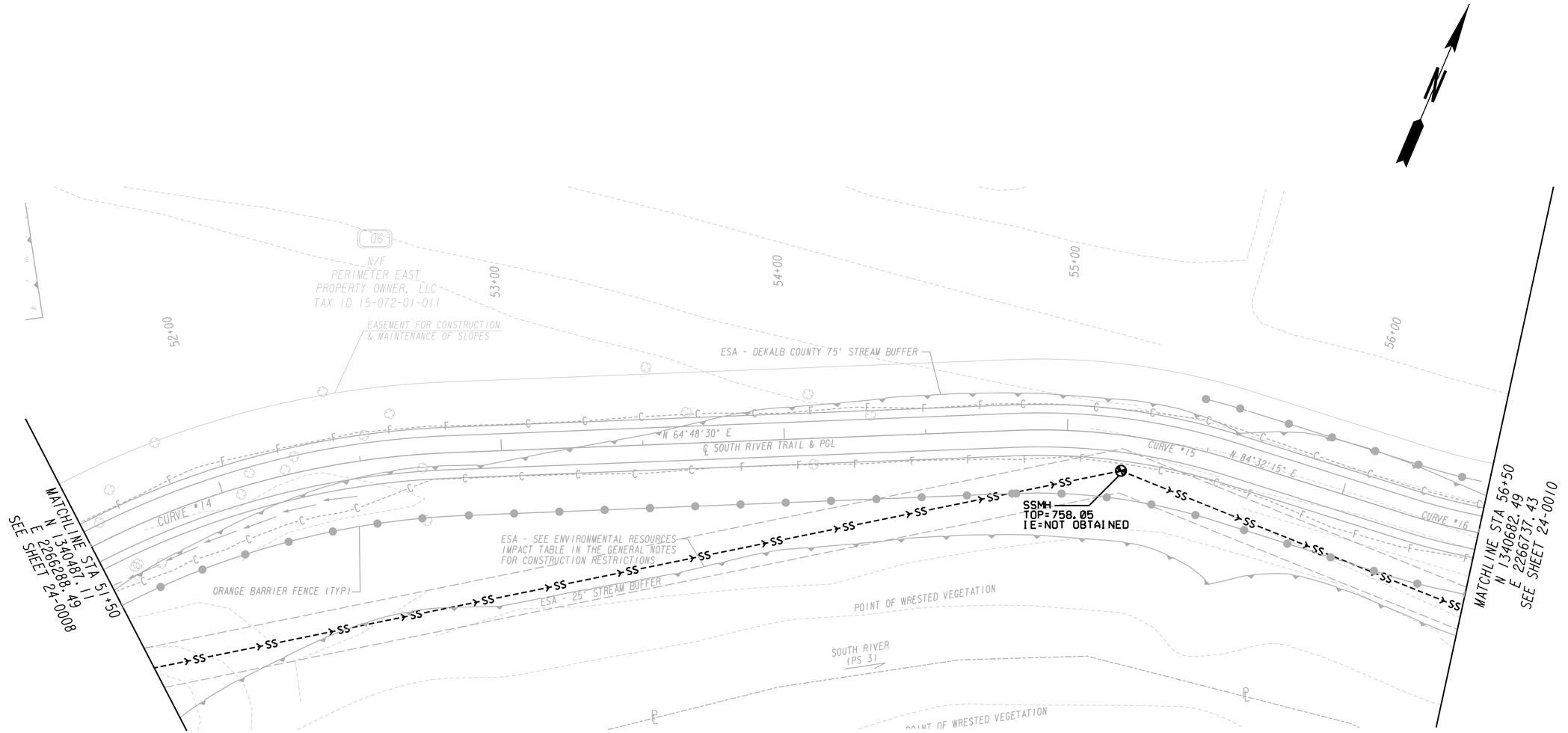
CORRECTED:	AE & PAL	DATE:	05-07-2018	24-0008
VERIFIED:	MWH	DATE:	05-07-2018	



NOTE: ALL UTILITIES SHALL REMAIN UNDISTURBED.

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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
UTILITY PLANS
SOUTH RIVER TRAIL, PHASE 5

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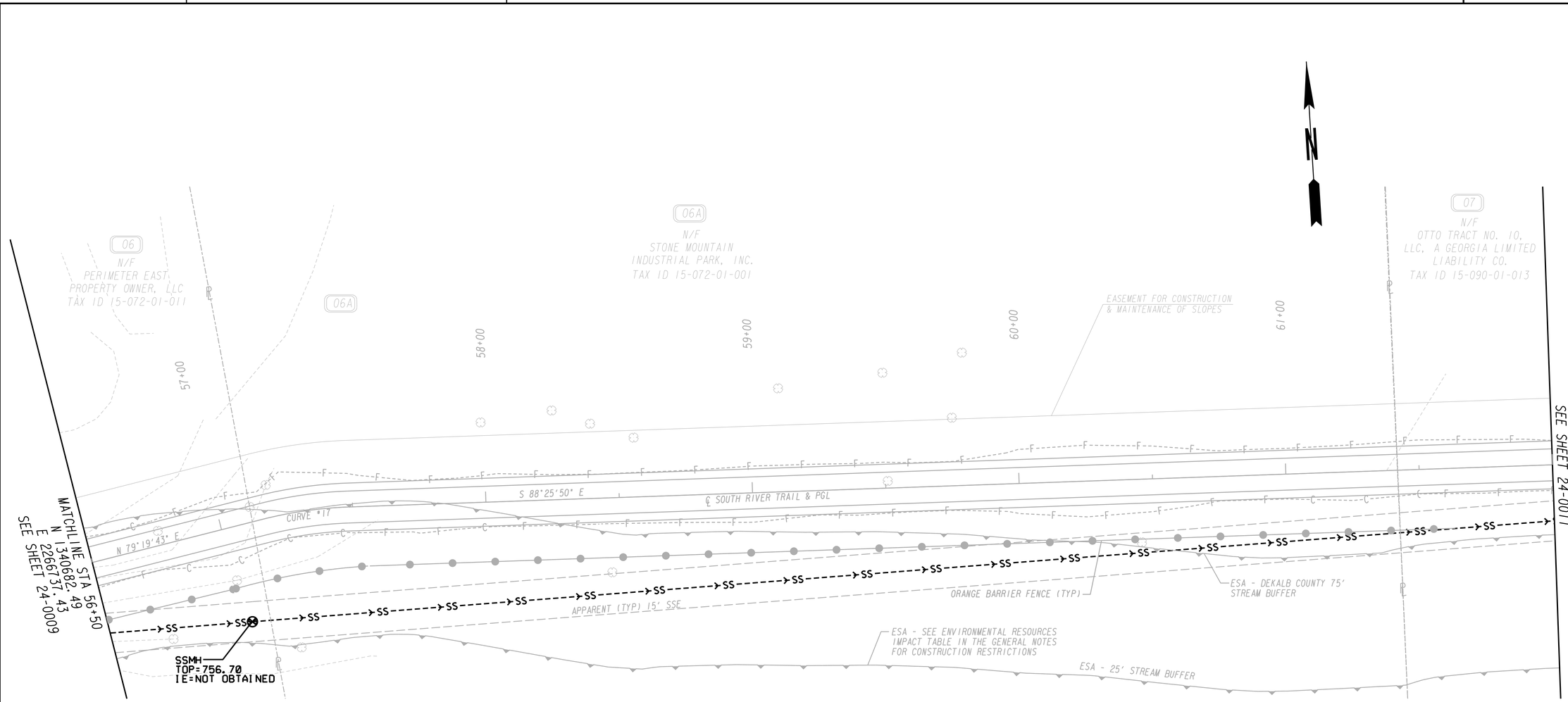
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 24-0009

7/31/2015 GPLN



NOTE: ALL UTILITIES SHALL REMAIN UNDISTURBED.

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
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LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

DEKALB COUNTY & PATH FOUNDATION

UTILITY PLANS

SOUTH RIVER TRAIL, PHASE 5

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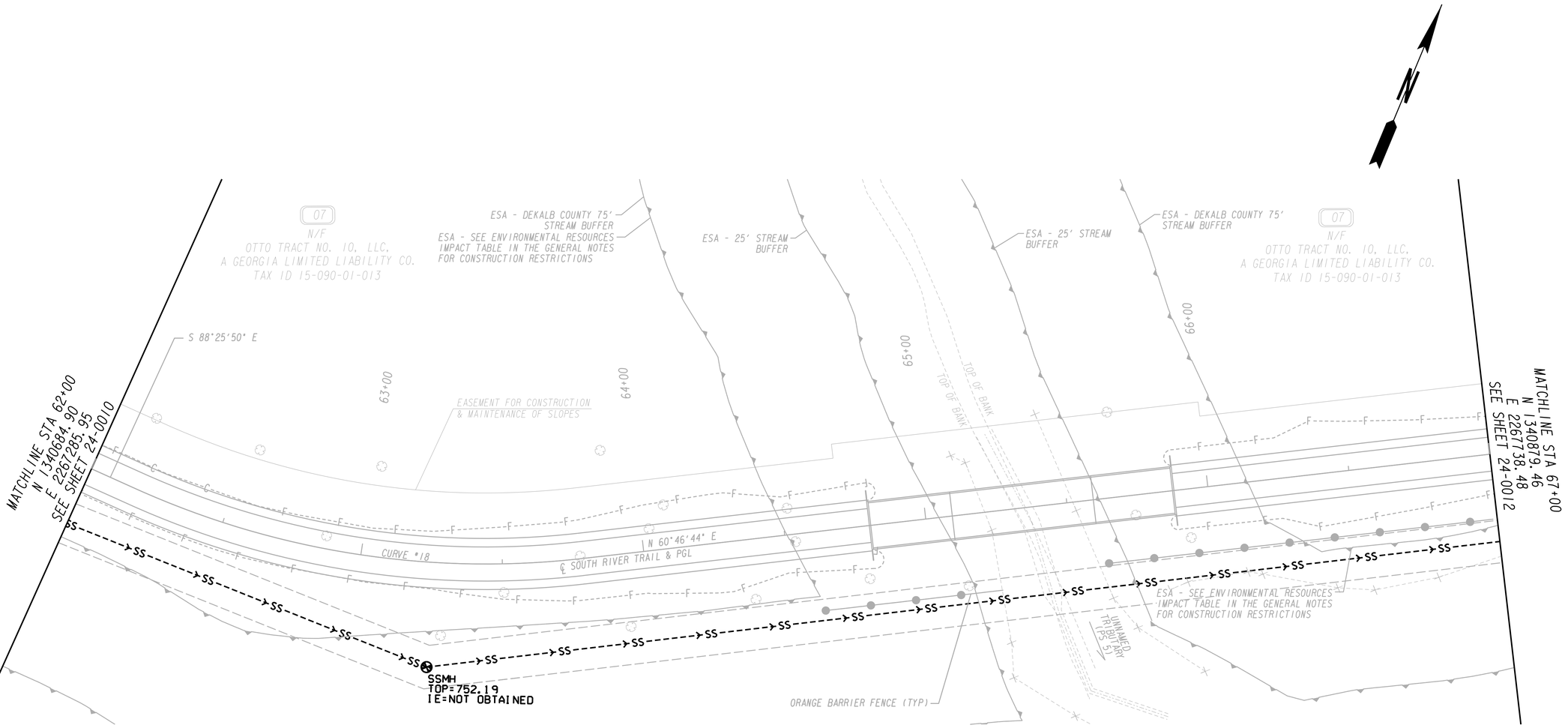
CORRECTED:	AE & PAL	DATE: 05-07-2018	24-0010
VERIFIED:	MWH	DATE: 05-07-2018	

7/31/2015 GPLN



NOTE: ALL UTILITIES SHALL REMAIN UNDISTURBED.

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

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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

UTILITY PLANS

SOUTH RIVER TRAIL, PHASE 5

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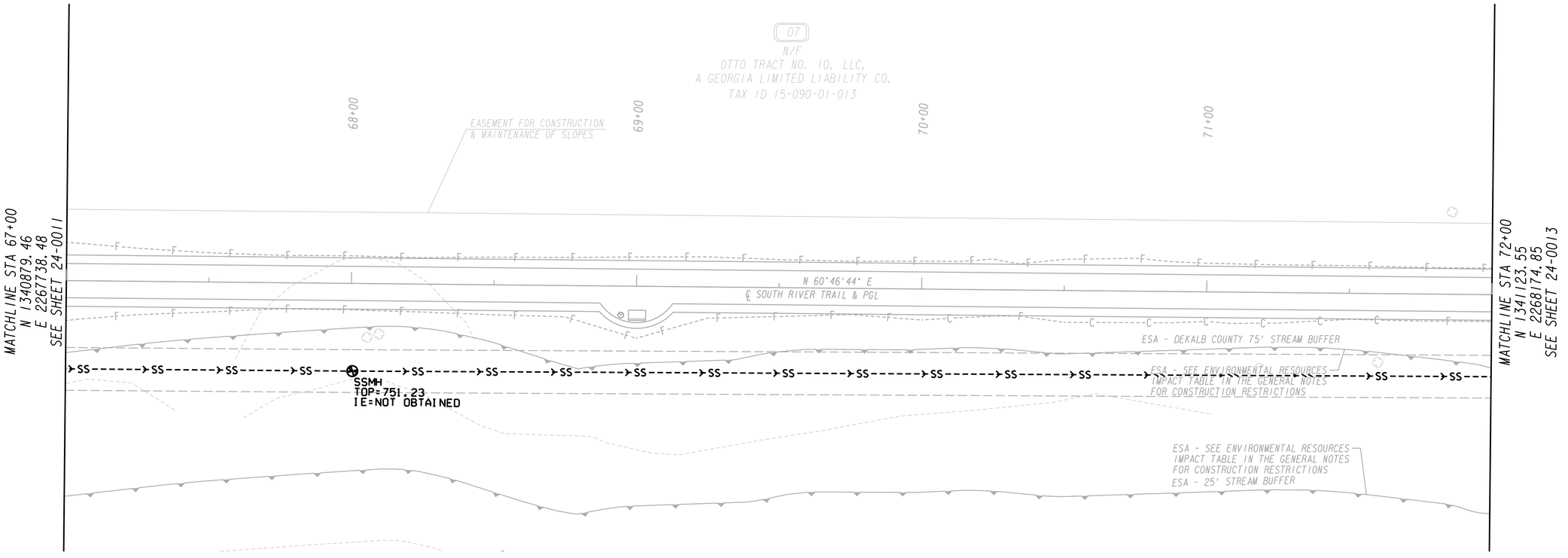
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 24-0011

7/31/2015 GPLN



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PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
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EASEMENT FOR CONSTR
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
UTILITY PLANS
SOUTH RIVER TRAIL, PHASE 5

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CORRECTED:	AE & PAL	DATE: 05-07-2018	24-0012
VERIFIED:	MWH	DATE: 05-07-2018	

7/31/2015 GPLN

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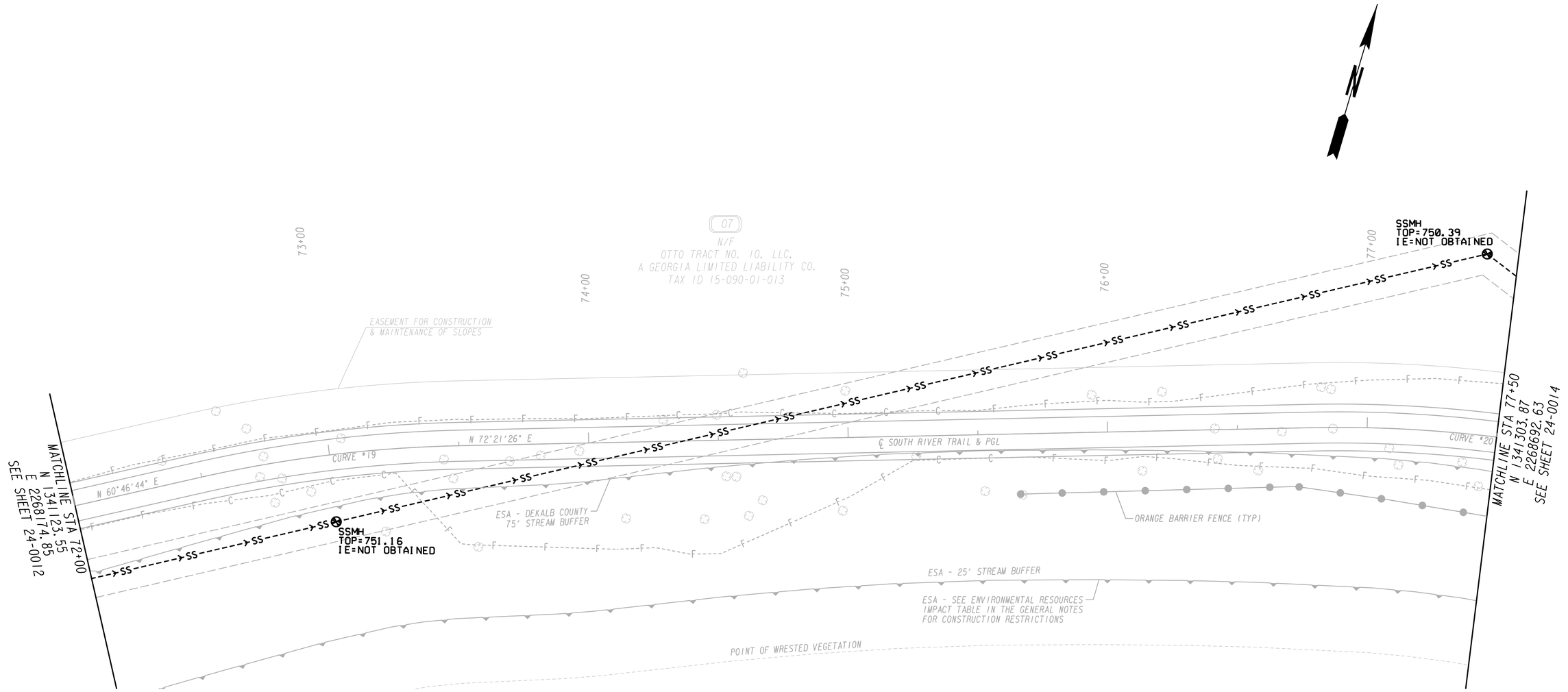

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REVISION DATES		

DEKALB COUNTY & PATH FOUNDATION

UTILITY PLANS

SOUTH RIVER TRAIL, PHASE 5

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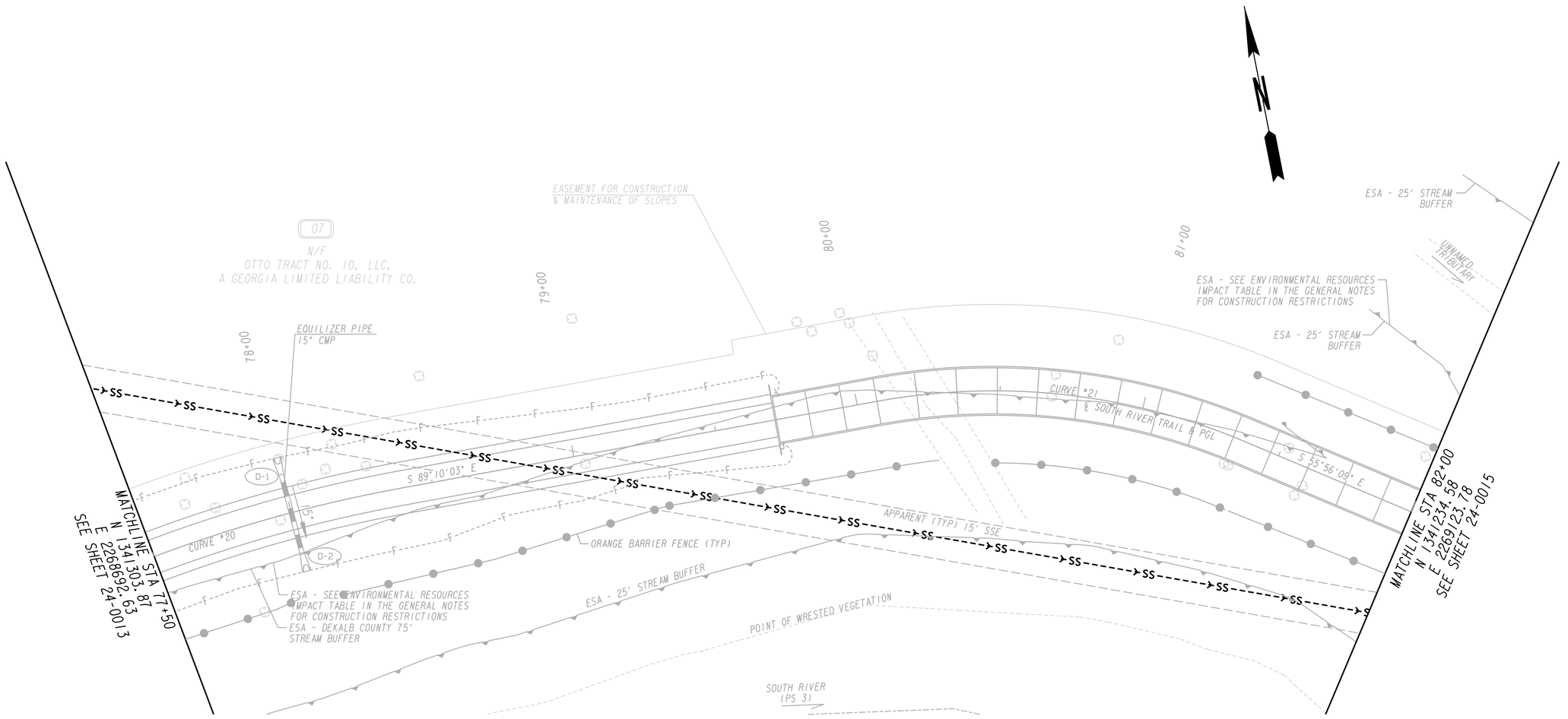

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REVISION DATES

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UTILITY PLANS

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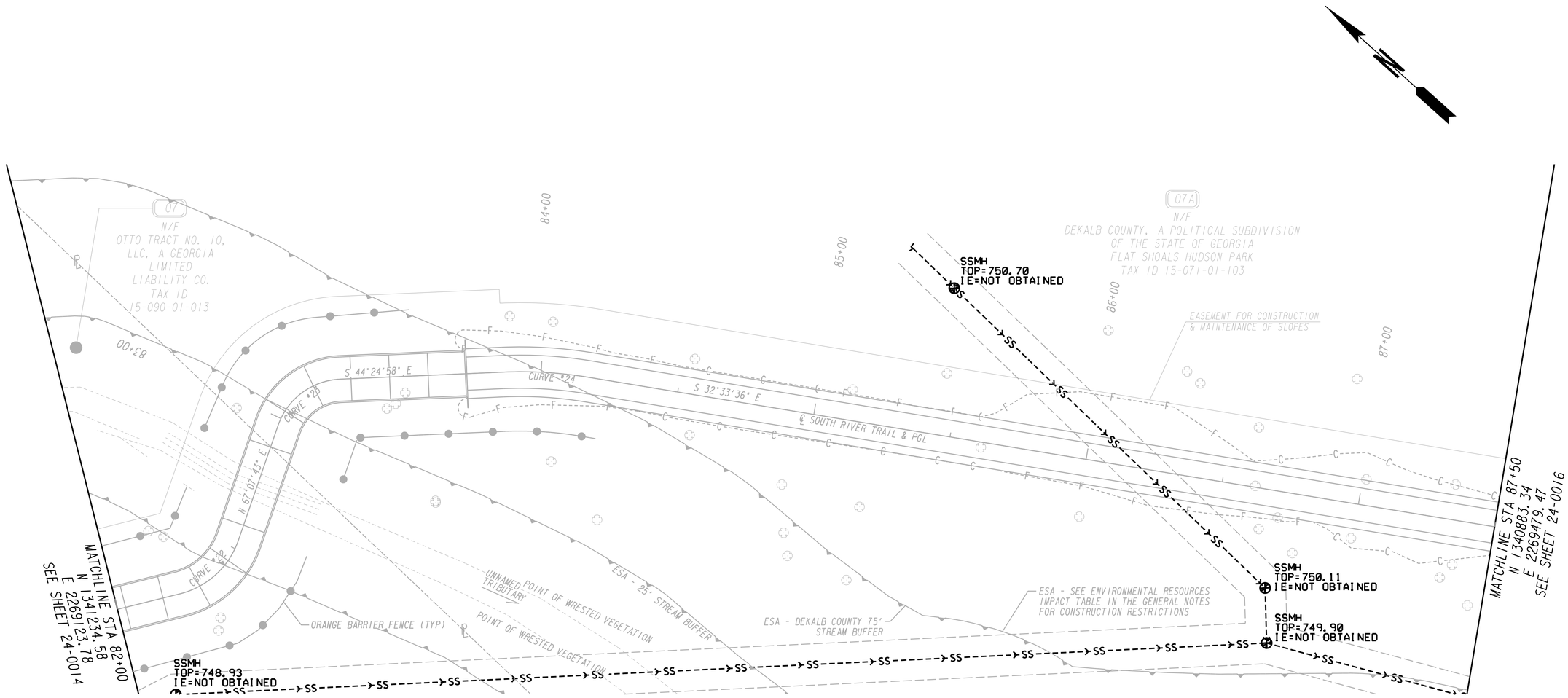
DRAWING No. 24-0014

7/31/2015 GPLN



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EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
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SOUTH RIVER TRAIL, PHASE 5

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DRAWING No. 24-0015

7/31/2015 GPLN

07A
N/F
DEKALB COUNTY, A POLITICAL SUBDIVISION
OF THE STATE OF GEORGIA
FLAT SHOALS HUDSON PARK
TAX ID 15-071-01-103

88+00
00+68
90+00
91+00

MATCHLINE STA 87+50
N 1340883.34
E 2269479.47
SEE SHEET 24-0015

CURVE #25
CURVE #26
CURVE #27
℄ SOUTH RIVER TRAIL & PGL
S 65°59'05" E
S 15°27'07" E
S 32°33'36" E

EASEMENT FOR CONSTRUCTION
& MAINTENANCE OF SLOPES

MATCHLINE STA 92+00
N 1340545.11
E 2269724.48
SEE SHEET 24-0017

NOTE: ALL UTILITIES SHALL REMAIN UNDISTURBED.

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SCALE IN FEET
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
UTILITY PLANS
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DRAWING No. 24-0016

MATCHLINE STA 92+00
N 1340545.11
E 2269124.48
SEE SHEET 24-0016

WIRE FENCE

CURVE #27

℄ SOUTH RIVER TRAIL & PGL

S 7°10'55" W

93+00

07A
N/F
DEKALB COUNTY, A POLITICAL SUBDIVISION
OF THE STATE OF GEORGIA
FLATSHOALS HUDSON PARK
TAX ID 15-071-01-103

EASEMENT FOR CONSTRUCTION
& MAINTENANCE OF SLOPES

94+00

95+00

96+00

97+00

ACCESS ROAD

WARRIORS PATH

EASEMENT FOR CONSTRUCTION
& MAINTENANCE OF SLOPES

CURVE #30

S 5°23'49" E

ESA - DEKALB COUNTY 75' STREAM BUFFER

ESA - SEE ENVIRONMENTAL RESOURCES
IMPACT TABLE IN THE GENERAL NOTES
FOR CONSTRUCTION RESTRICTIONS

CURVE #28

S 22°06'41" E

CURVE #29

SSMH
TOP=752.51
IE=NOT OBTAINED

APPARENT (TYP) 15' SSE

MATCHLINE STA 97+50
N 1340064.04
E 2269873.33
SEE SHEET 24-0018

S 68°00'00" E

ESA - 25' STREAM BUFFER

ESA - SEE ENVIRONMENTAL RESOURCES
IMPACT TABLE IN THE GENERAL NOTES
FOR CONSTRUCTION RESTRICTIONS

ORANGE BARRIER FENCE (TYP)

TOP OF BANK - POINT OF WRESTED VEGETATION

SOUTH RIVER
(PS 31)

NOTE: ALL UTILITIES SHALL REMAIN UNDISTURBED.

PROPERTY AND EXISTING R/W LINE
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(770)424-1668

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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
UTILITY PLANS
SOUTH RIVER TRAIL, PHASE 5

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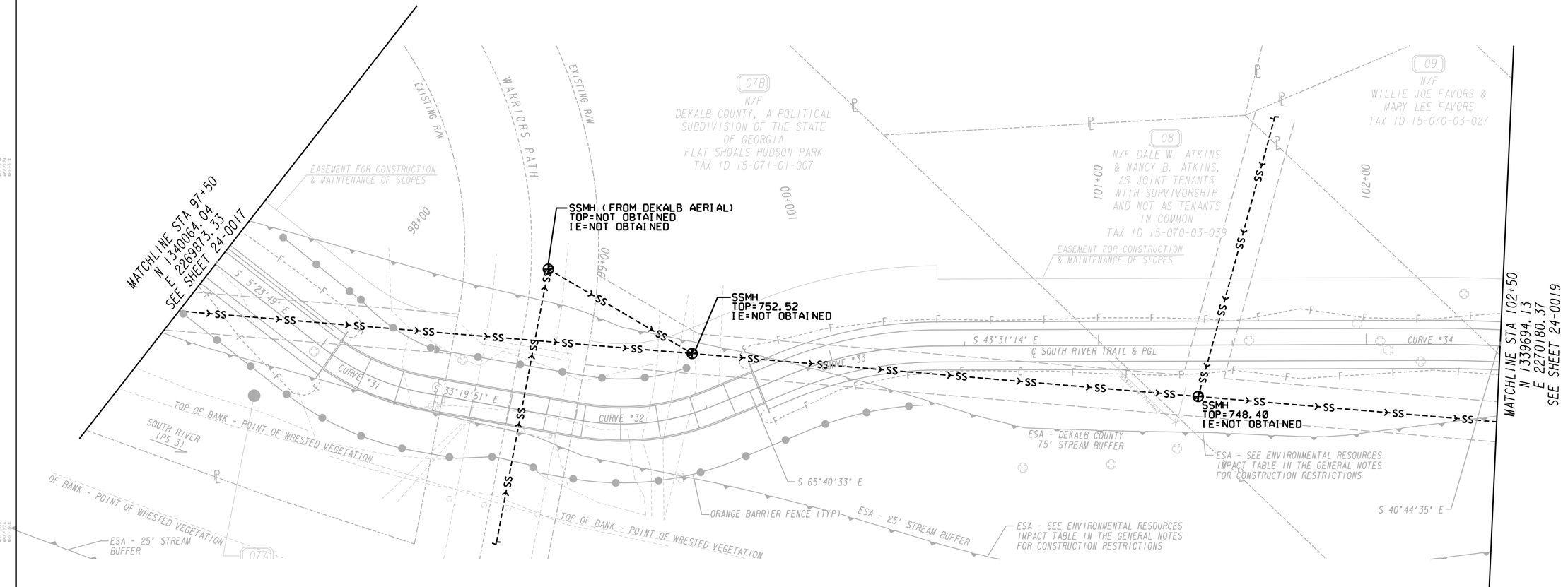
DRAWING No. 24-0017

7/31/2015 GPLN



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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
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LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
UTILITY PLANS
SOUTH RIVER TRAIL, PHASE 5

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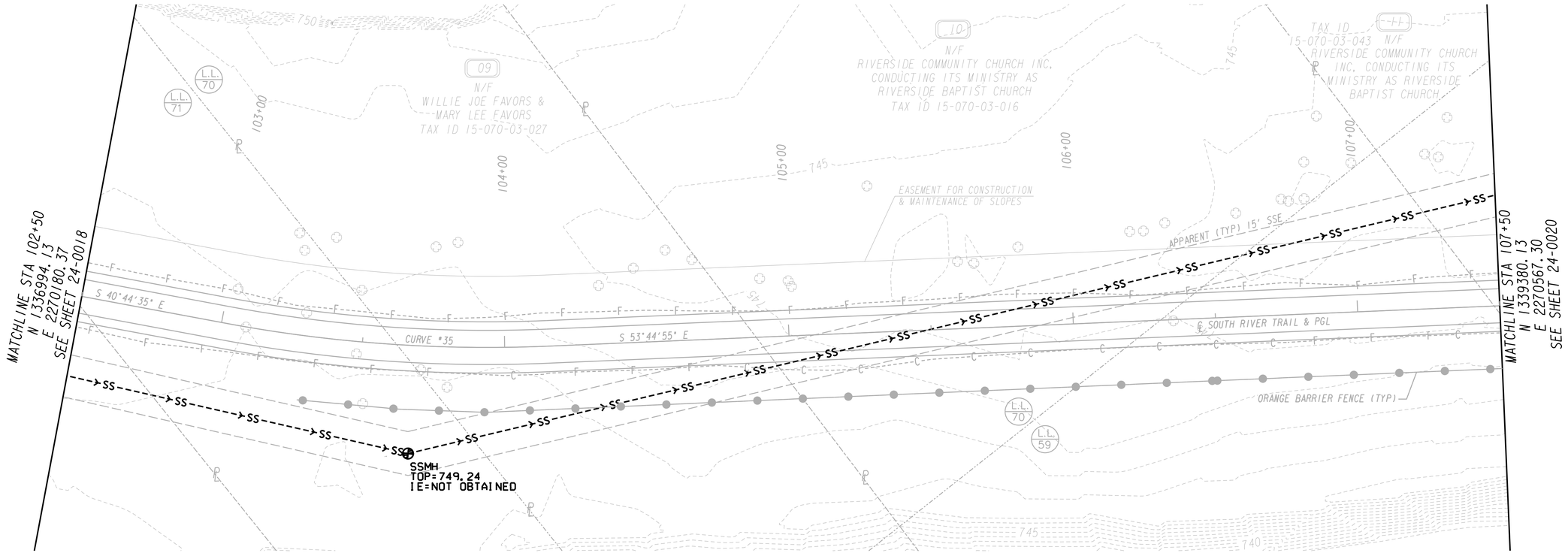
DRAWING No. 24-0018

7/31/2015 GPLN



NOTE: ALL UTILITIES SHALL REMAIN UNDISTURBED.

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
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Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
UTILITY PLANS
SOUTH RIVER TRAIL, PHASE 5

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DRAWING No. 24-0019

MATCHLINE STA 107+50
N 1339380.13
E 2270567.30
SEE SHEET 24-0019

S 53°44'55" E

108+00

11

N/F
RIVERSIDE COMMUNITY CHURCH INC, CONDUCTING ITS MINISTRY AS RIVERSIDE BAPTIST CHURCH
TAX ID
15-070-03-043

109+00

EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES

110+00

L.L. 70

L.L. 59

111+00

112+00

MATCHLINE STA 112+50
N 1339533.26
E 2270974.60
SEE SHEET 24-0021

N 33°12'48" E

SSMH
TOP=748.45
IE=NOT OBTAINED

SSMH
TOP=748.72
IE=NOT OBTAINED

APPARENT (TYP) 15' SSE

CURVE #36

℄ SOUTH RIVER TRAIL & PGL

N 41°53'07" E

ESA - DEKALB COUNTY 75' STREAM BUFFER

POINT OF WRESTED VEGETATION

10
N/F
RIVERSIDE COMMUNITY CHURCH INC, CONDUCTING ITS MINISTRY AS RIVERSIDE BAPTIST CHURCH
TAX ID
15-070-03-016

ESA - 25' STREAM BUFFER

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

ORANGE BARRIER FENCE (TYP)

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

12
N/F
GREGORY B LEVETT AND SONS FUNERAL HOME, INC
TAX ID 15-070-03-006

NOTE: ALL UTILITIES SHALL REMAIN UNDISTURBED.

PROPERTY AND EXISTING R/W LINE
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EASEMENT FOR CONSTR OF SLOPES
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2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
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REVISION DATES		

DEKALB COUNTY & PATH FOUNDATION

UTILITY PLANS

SOUTH RIVER TRAIL, PHASE 5

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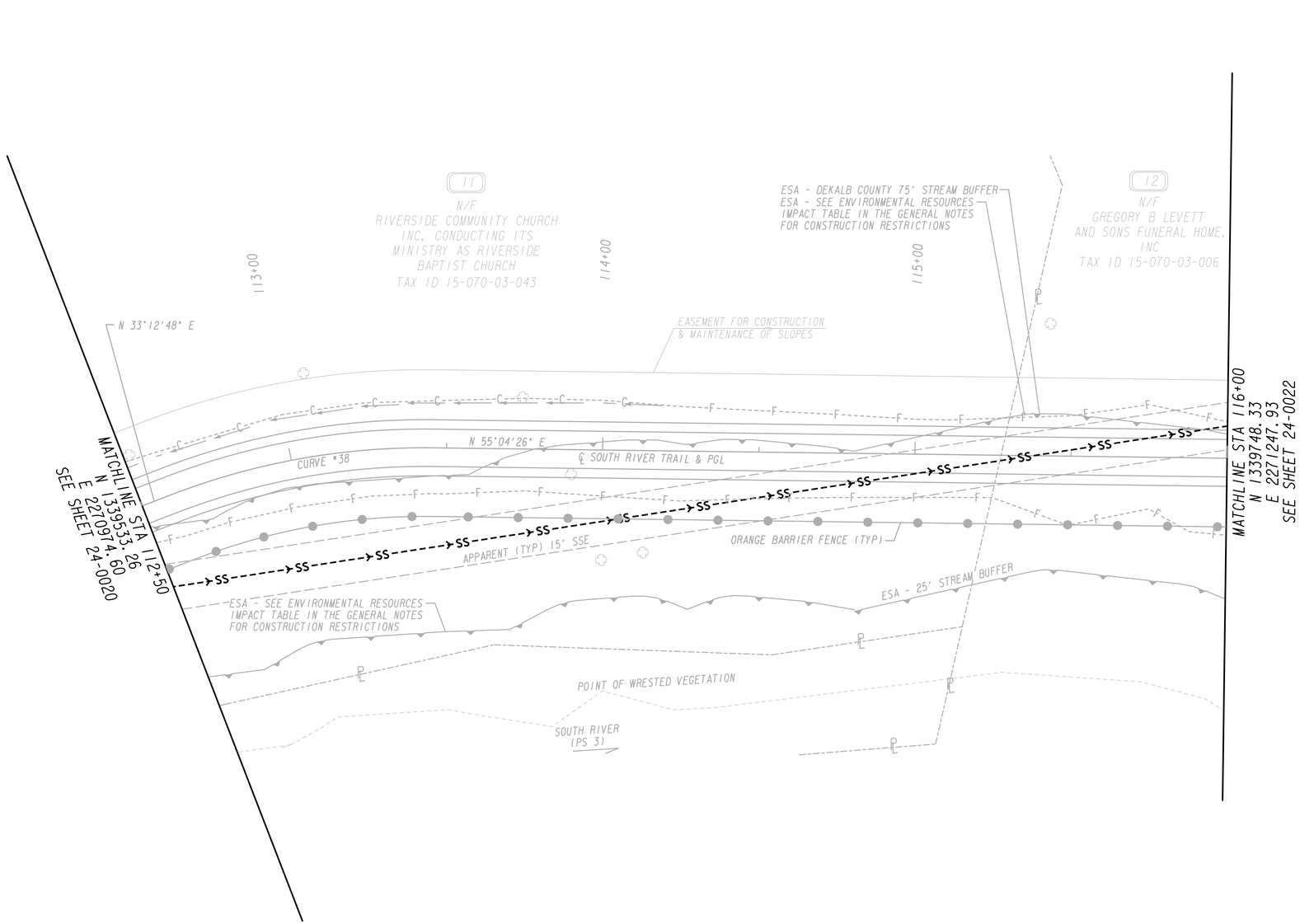
VERIFIED:	MWH	DATE:	05-07-2018	

7/31/2015 GPLN



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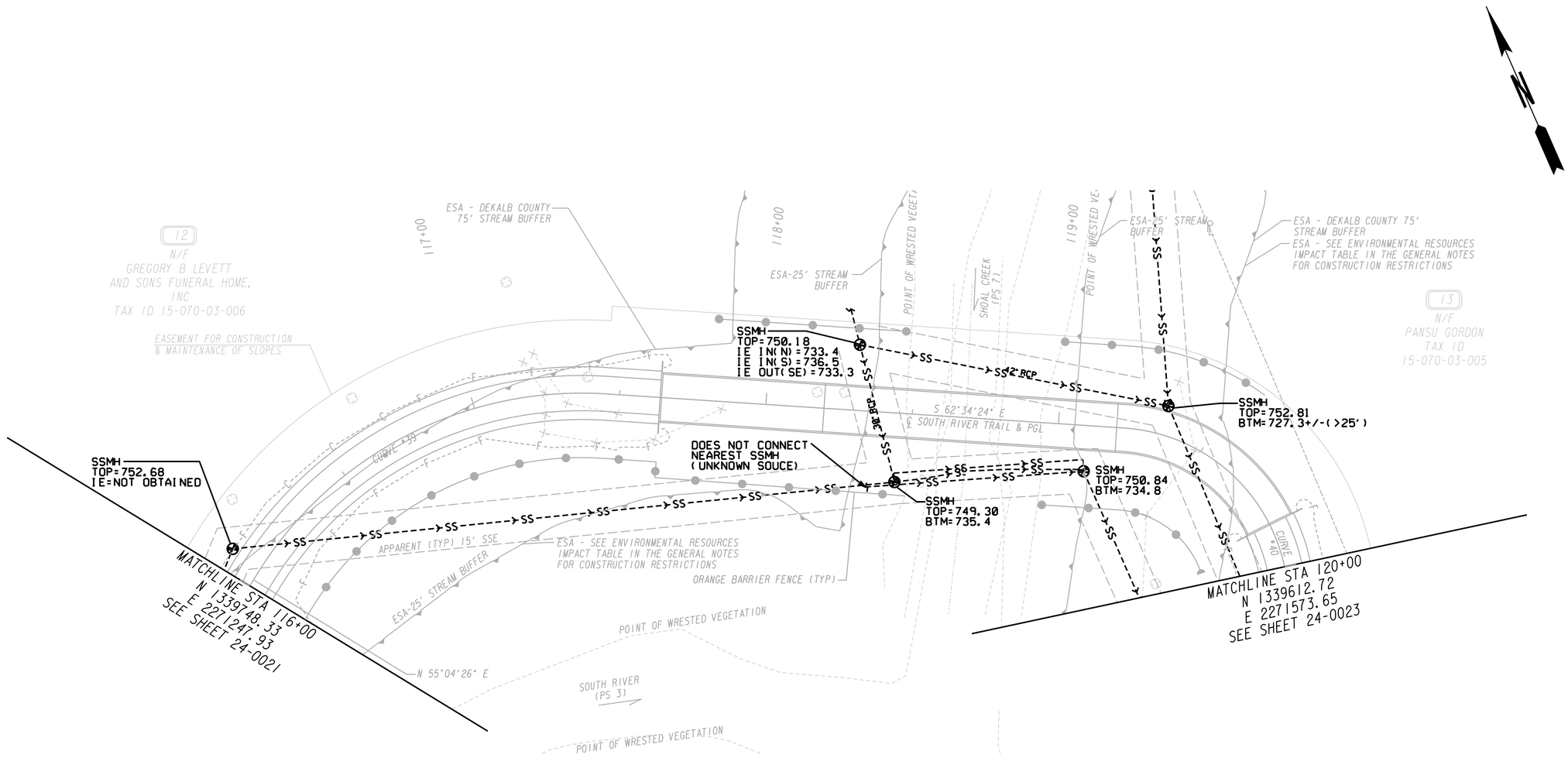
DRAWING No. 24-0021



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DEKALB COUNTY & PATH FOUNDATION

UTILITY PLANS

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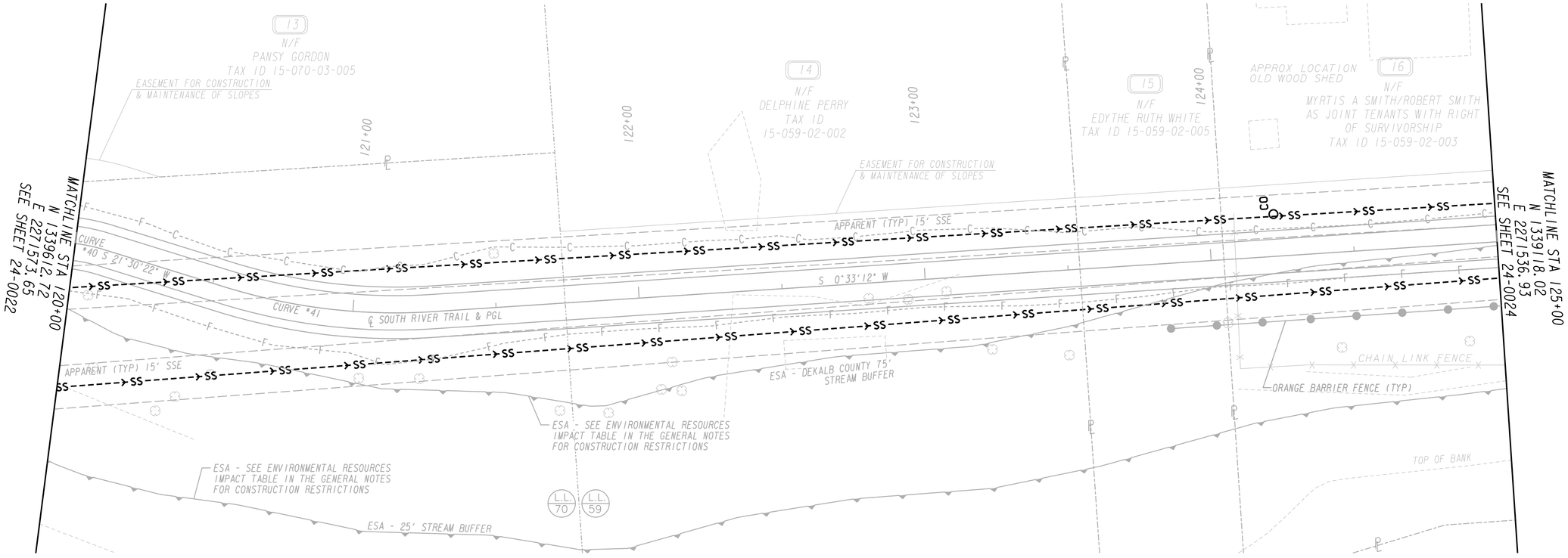
DRAWING No. 24-0022



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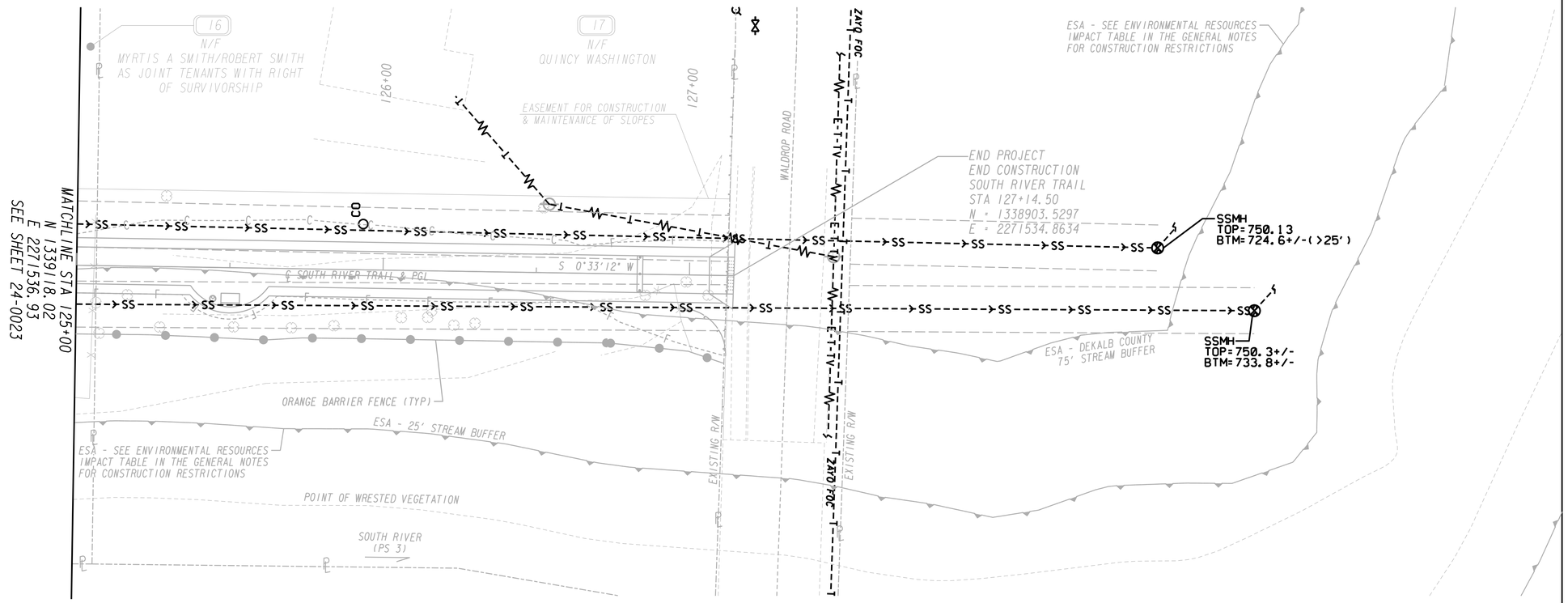

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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
UTILITY PLANS
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
BACKCHECKED:	CAD	DATE:	05-07-2018
CORRECTED:	AE & PAL	DATE:	05-07-2018
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 24-0024

7/31/2015 GPLN

BEGIN PROJECT
BEGIN CONSTRUCTION
SOUTH RIVER TRAIL
STA 10+11.00
N = 1341591.5549
E = 2263154.0625

TIE TO EXISTING
GRAVEL PARKING LOT

STA 10+11 LT
D10-1(22)
SEE DRAWING 26-0025

STEEL BOLLARDS, STA 10+17.00
SEE DWG. NO. 26-0026 FOR DETAILS

EASEMENT FOR CONSTRUCTION
& MAINTENANCE OF SLOPES

ESA - SEE ENVIRONMENTAL RESOURCES
IMPACT TABLE IN THE GENERAL NOTES
FOR CONSTRUCTION RESTRICTIONS
ESA - DEKALB COUNTY
75' STREAM BUFFER

11+00
12+00
13+00
14+00

APPARENT (TYP) 15' SSE

STA 10+50 RT
SPECIAL DESIGN SIGN #2
SEE DRAWING 26-0025

REST AREA

4 INCH SKIP YELLOW LINE
(3' SEG., 9' GAP)
(PAINT)

A-1 A-2 B-1 B-2 C-1 C-2

CURVE #2
S 34°51'36" E

S 30°47'29" E
℄ SOUTH RIVER TRAIL & PGL

CURVE #1

CURVE #3

MATCHLINE STA 14+50
N 1341256.26
E 2263419.24
SEE SHEET 26-0002

STA 10+50 RT
SPECIAL DESIGN SIGN #2
SEE DRAWING 26-0025

REST AREA

SEE DWG NO. 38-0001
FOR REST AREA DETAILS

S 72°16'18" E

ESA - SEE ENVIRONMENTAL RESOURCES
IMPACT TABLE IN THE GENERAL NOTES
FOR CONSTRUCTION RESTRICTIONS

ESA - 25' STREAM BUFFER

STA 10+11 RT
SOUTH RIVER INFORMATION SIGN
SEE DRAWING 26-0025

POINT OF BEGIN

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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

SIGNING AND MARKING PLANS

SOUTH RIVER TRAIL, PHASE 5

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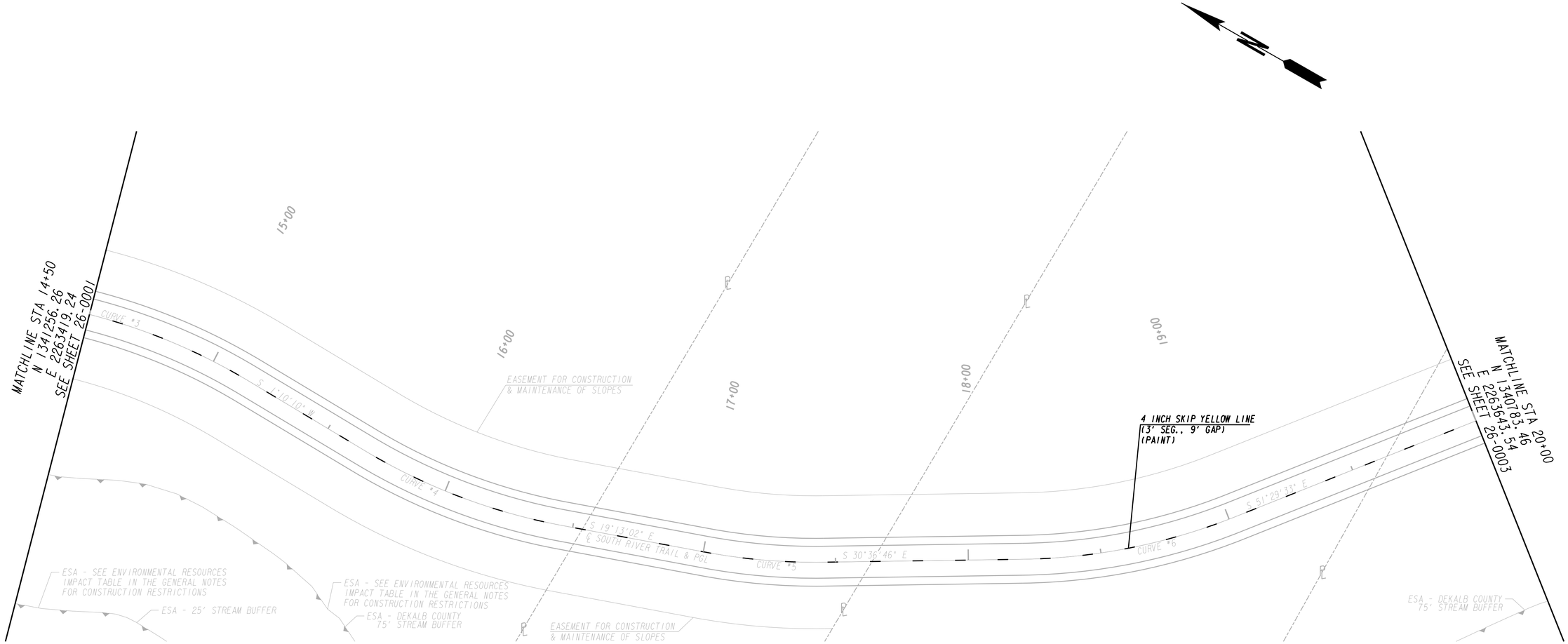
DRAWING No. 26-0001

7/31/2015 GPLN



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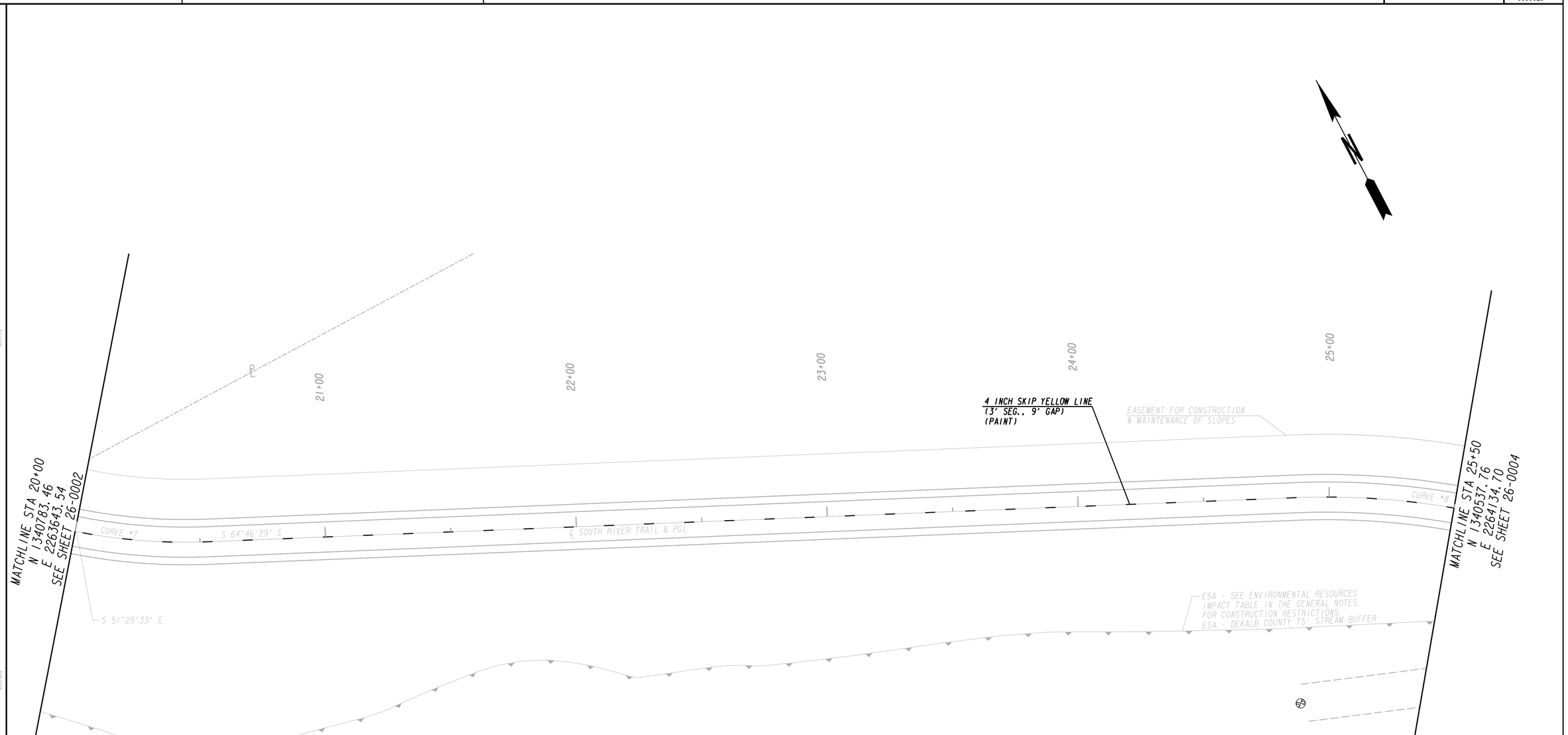
DRAWING No.
26-0002

7/31/2015 GPLN



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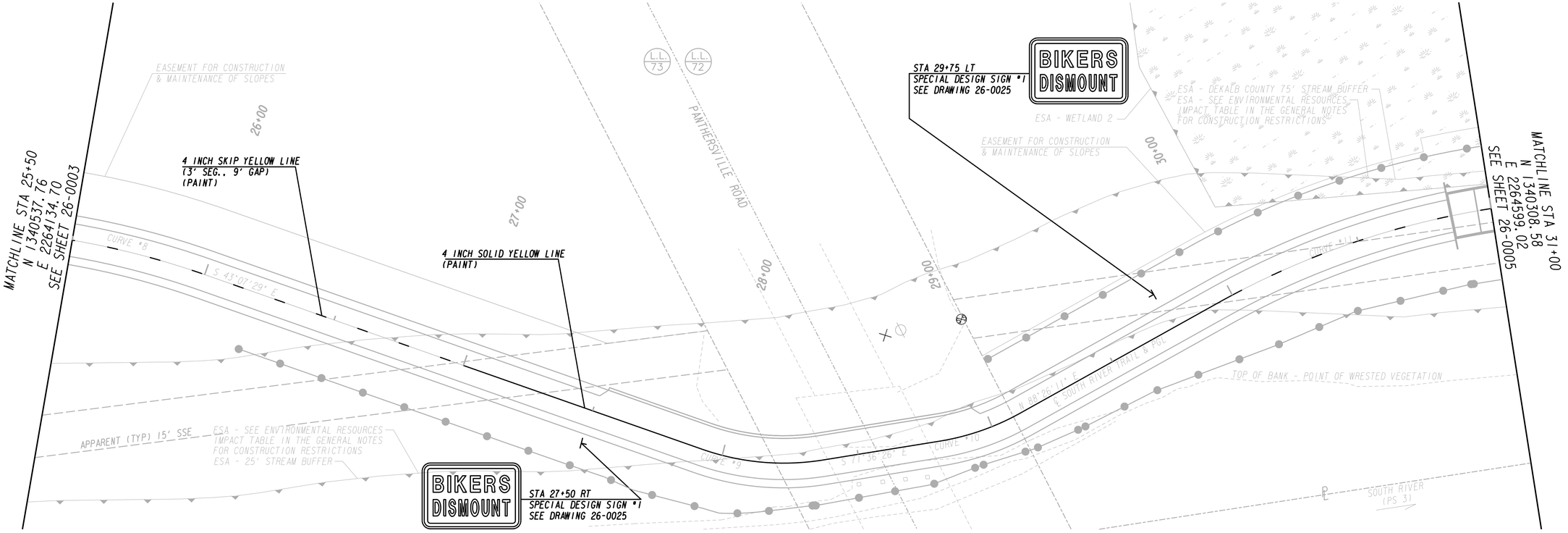
DRAWING No.
26-0003

7/31/2015 GPLN



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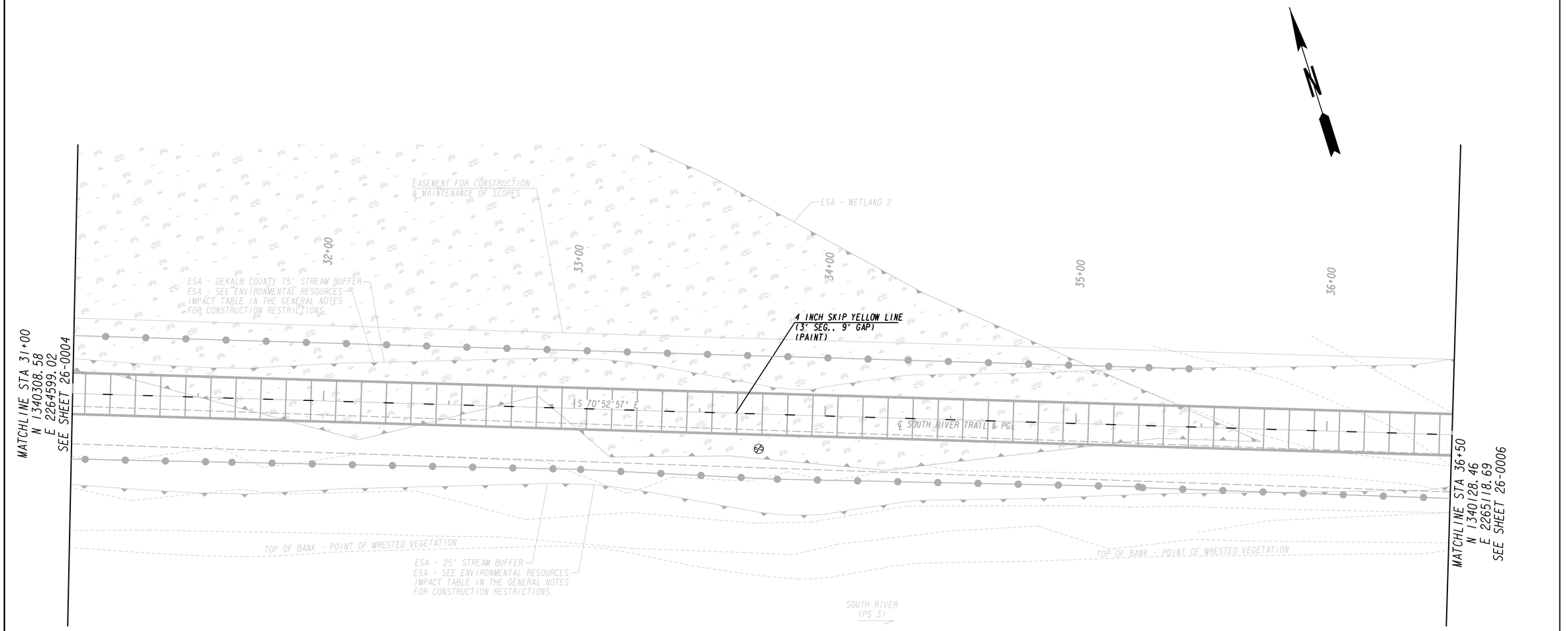
DRAWING No. 26-0004

7/31/2015 GPLN



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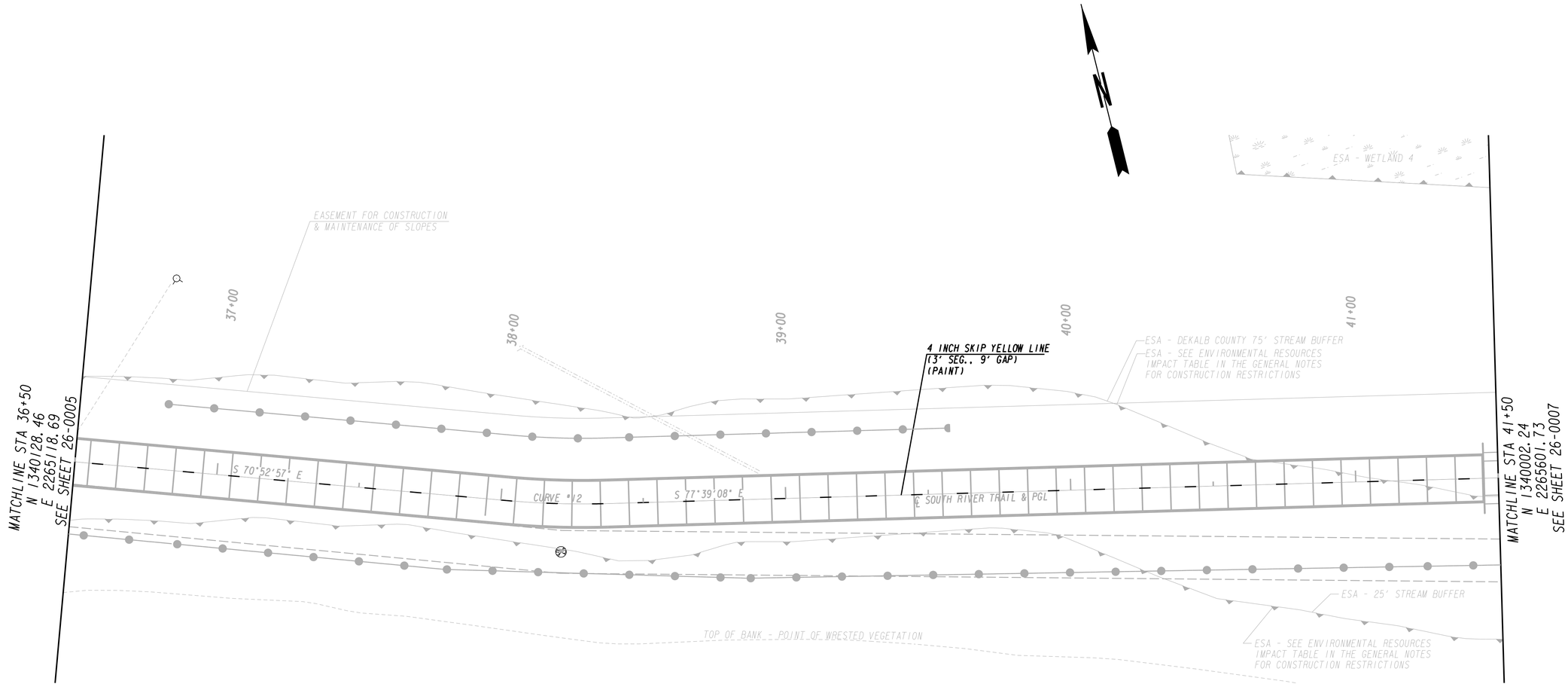
DRAWING No. 26-0005



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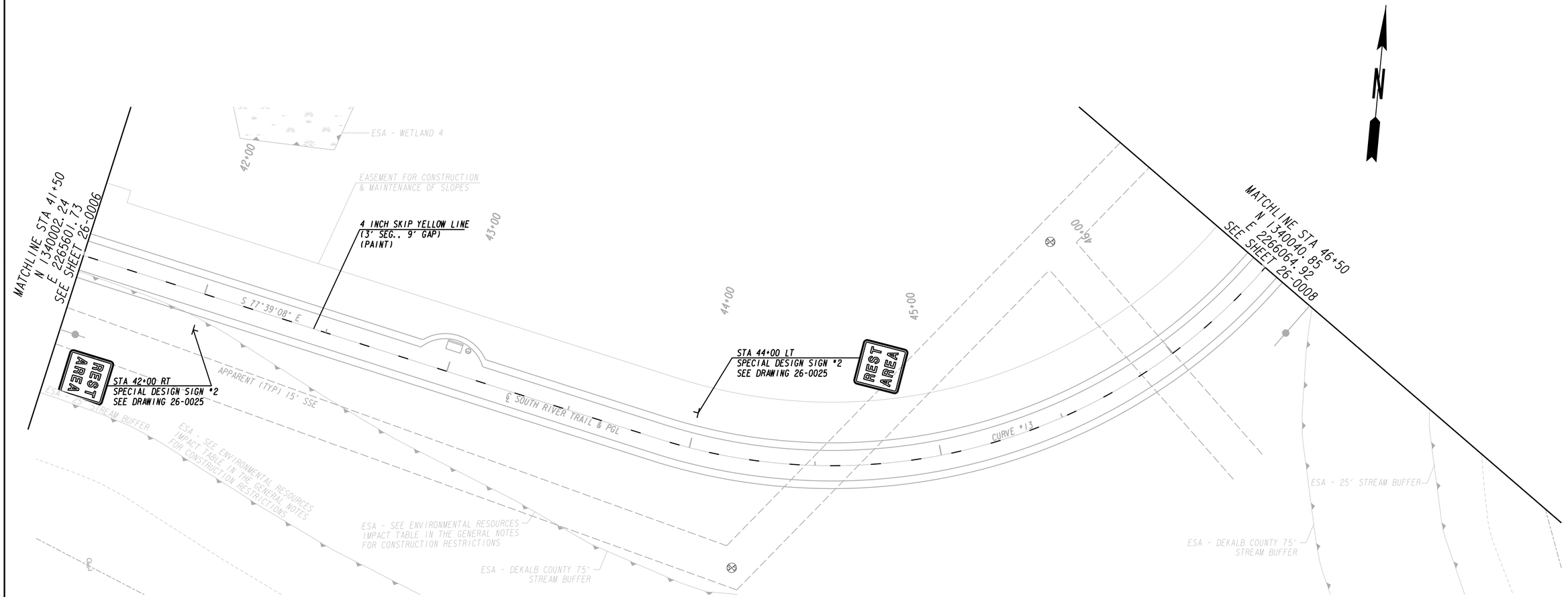
DRAWING No. 26-0006

7/31/2015 GPLN



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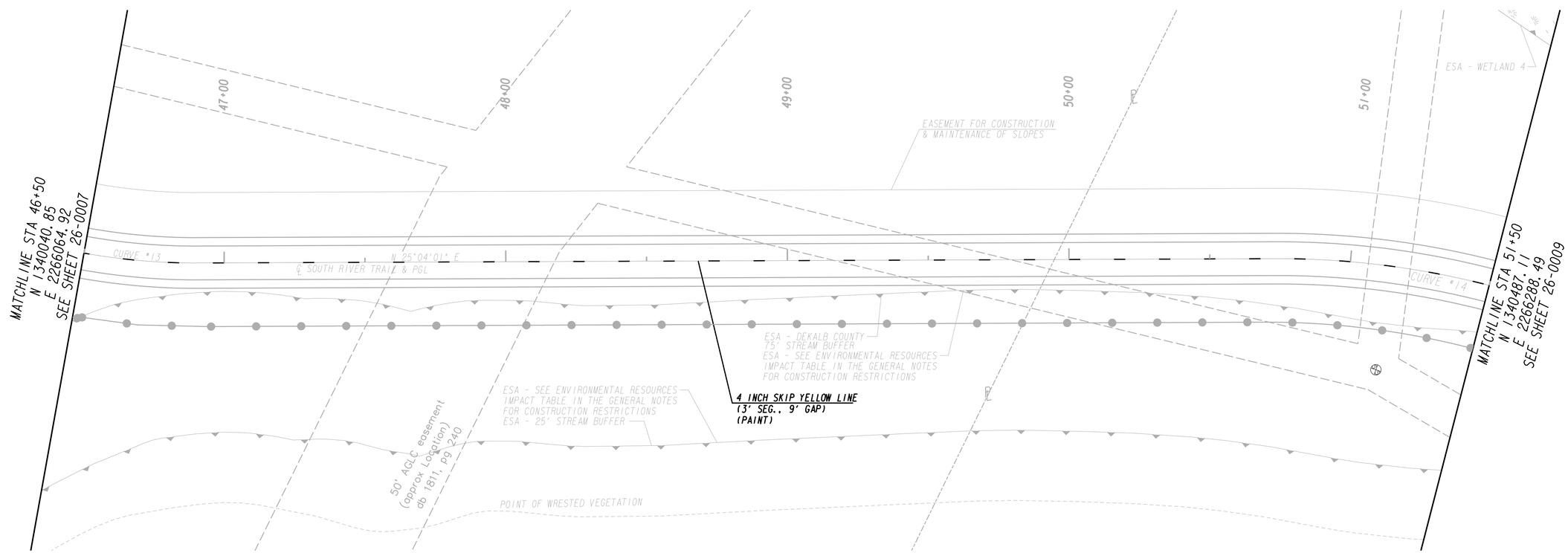
DRAWING No. 26-0007

7/31/2015 GPLN



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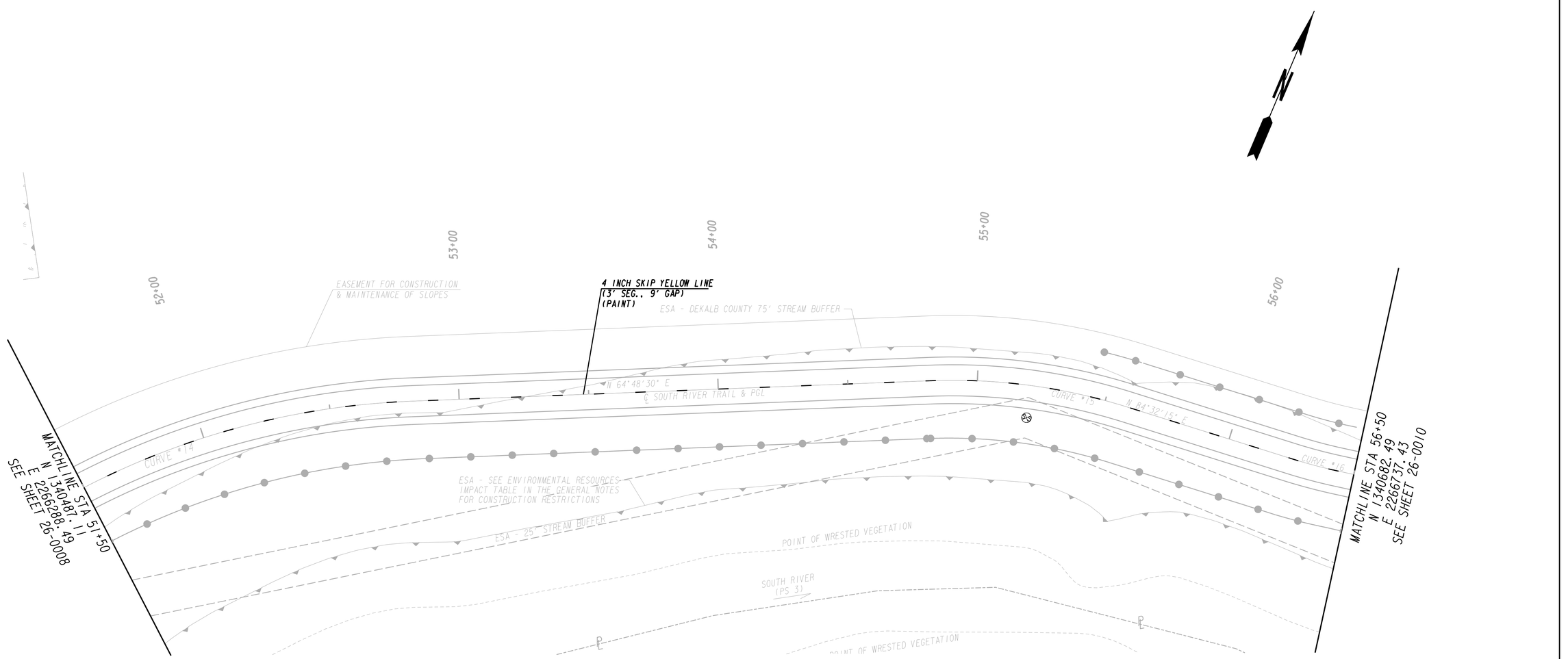
7/31/2015 GPLN



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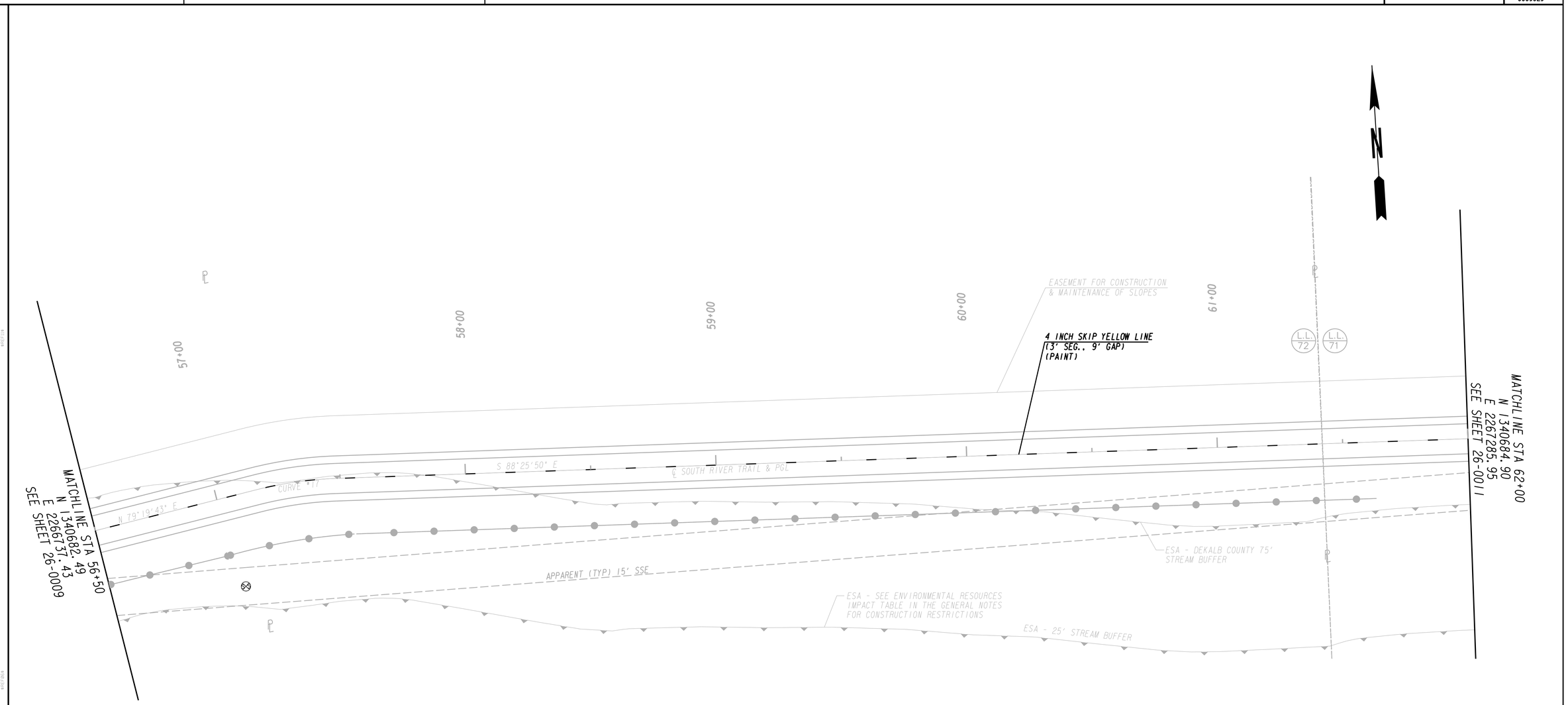

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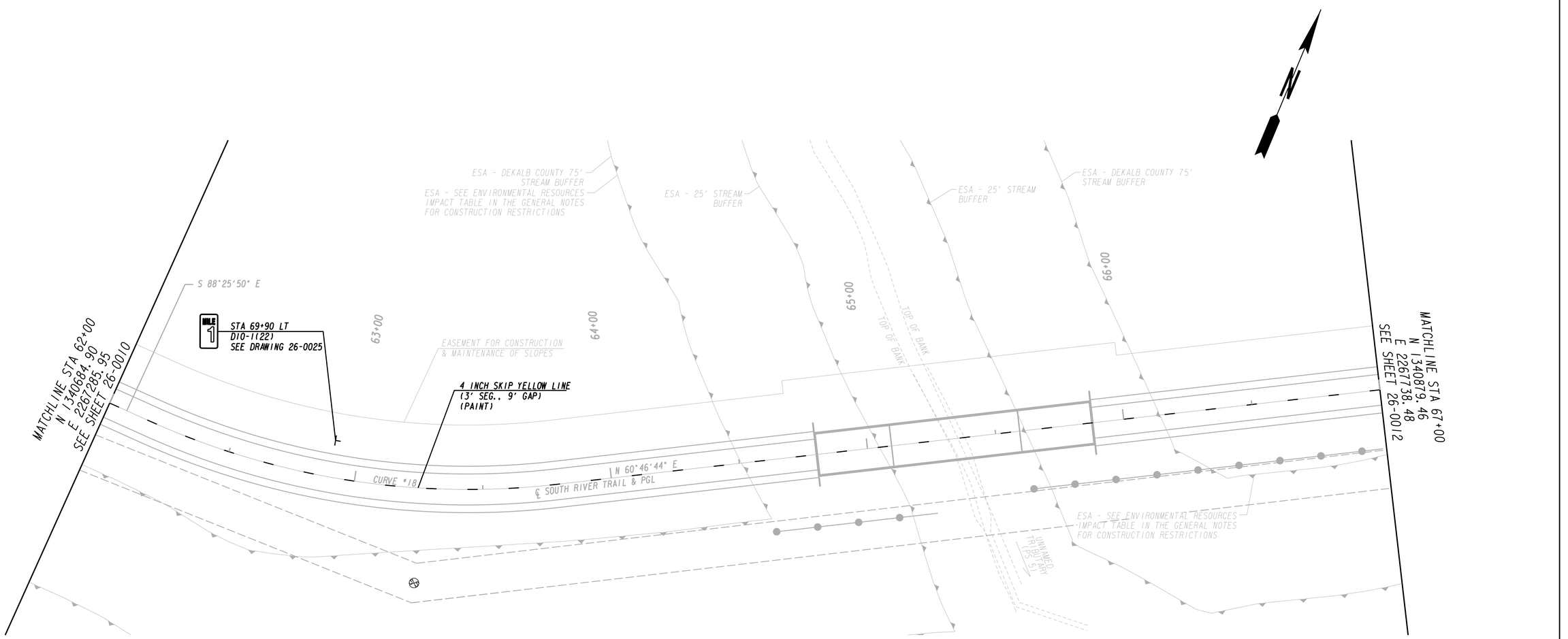
DRAWING No. 26-0010

7/31/2015 GPLN



PROPERTY AND EXISTING R/W LINE ----------℄----------
REQUIRED R/W LINE ——————————
CONSTRUCTION LIMITS – –C– – –F– –
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
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REVISION DATES

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SOUTH RIVER TRAIL, PHASE 5

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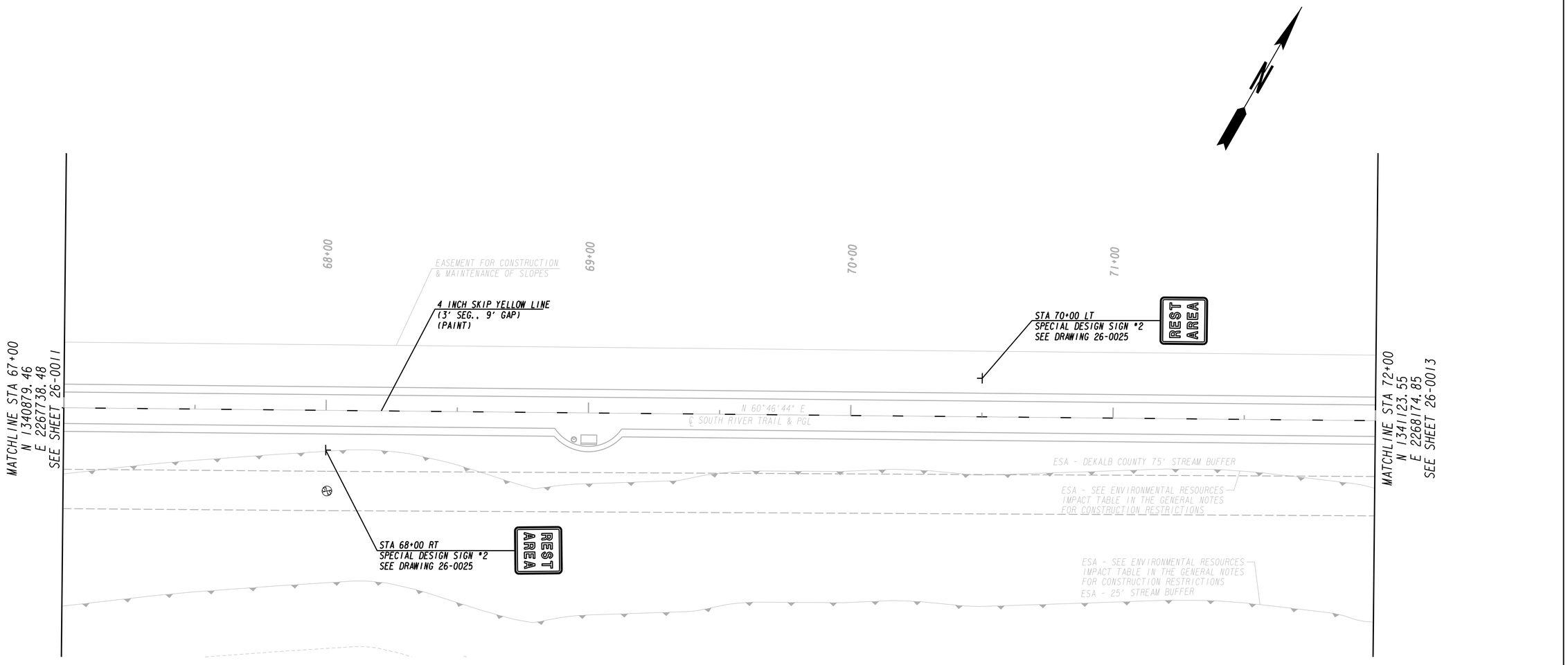

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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

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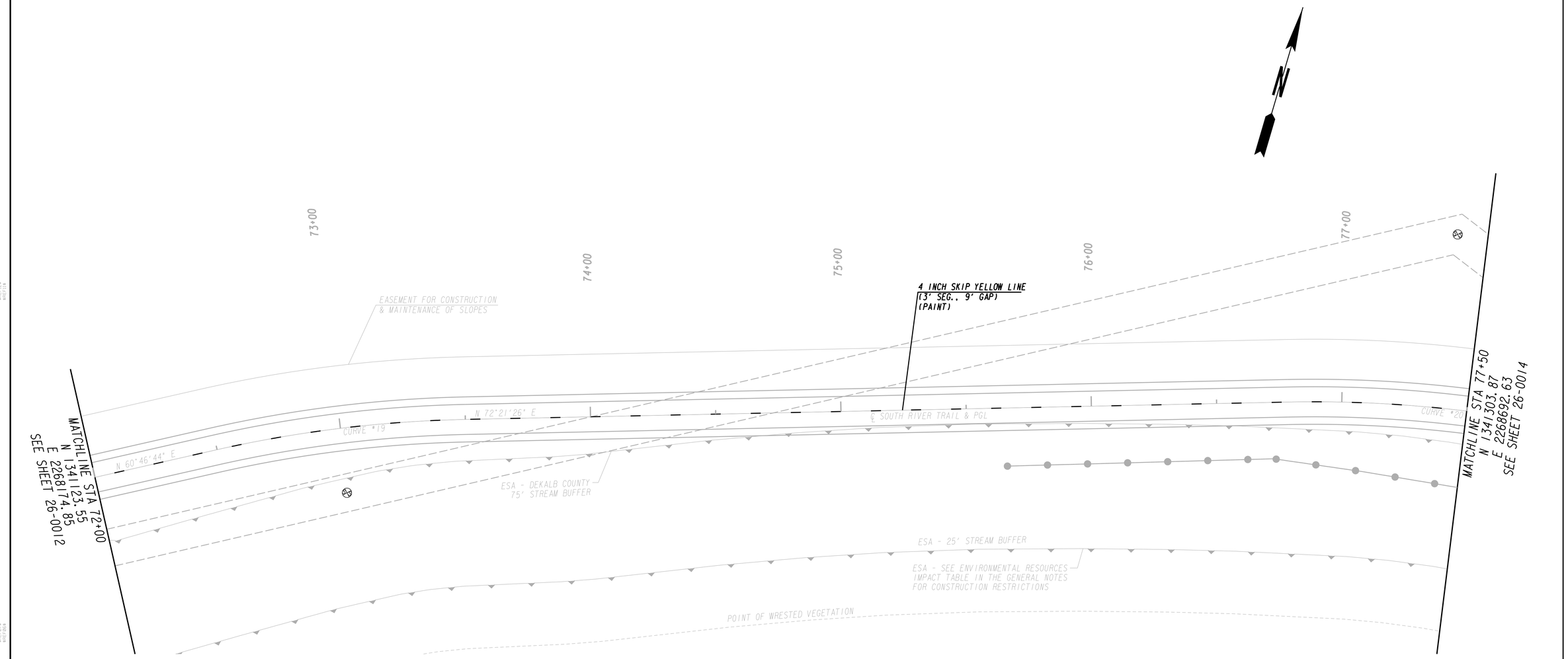
DRAWING No. 26-0012

7/31/2015 GPLN



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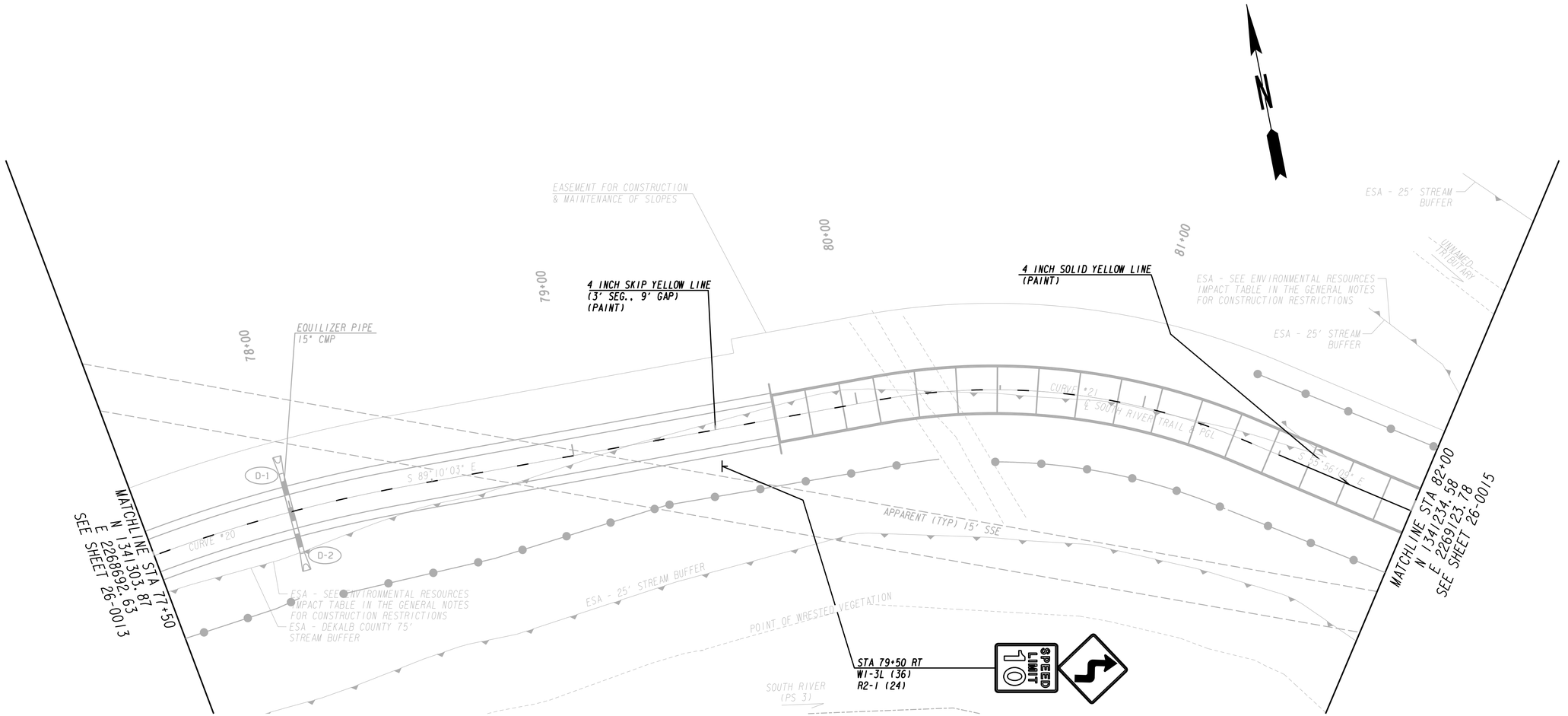
DRAWING No.
26-0013

7/31/2015 GPLN



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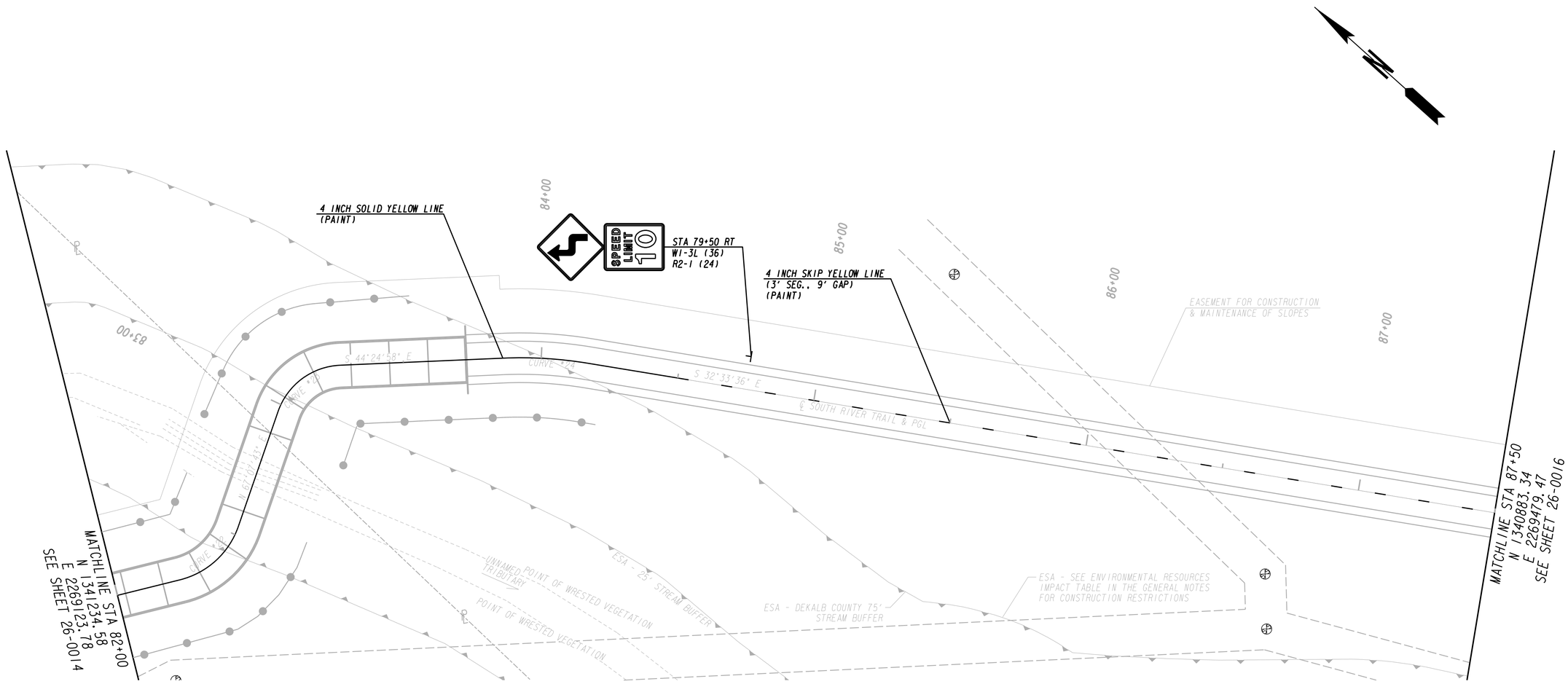

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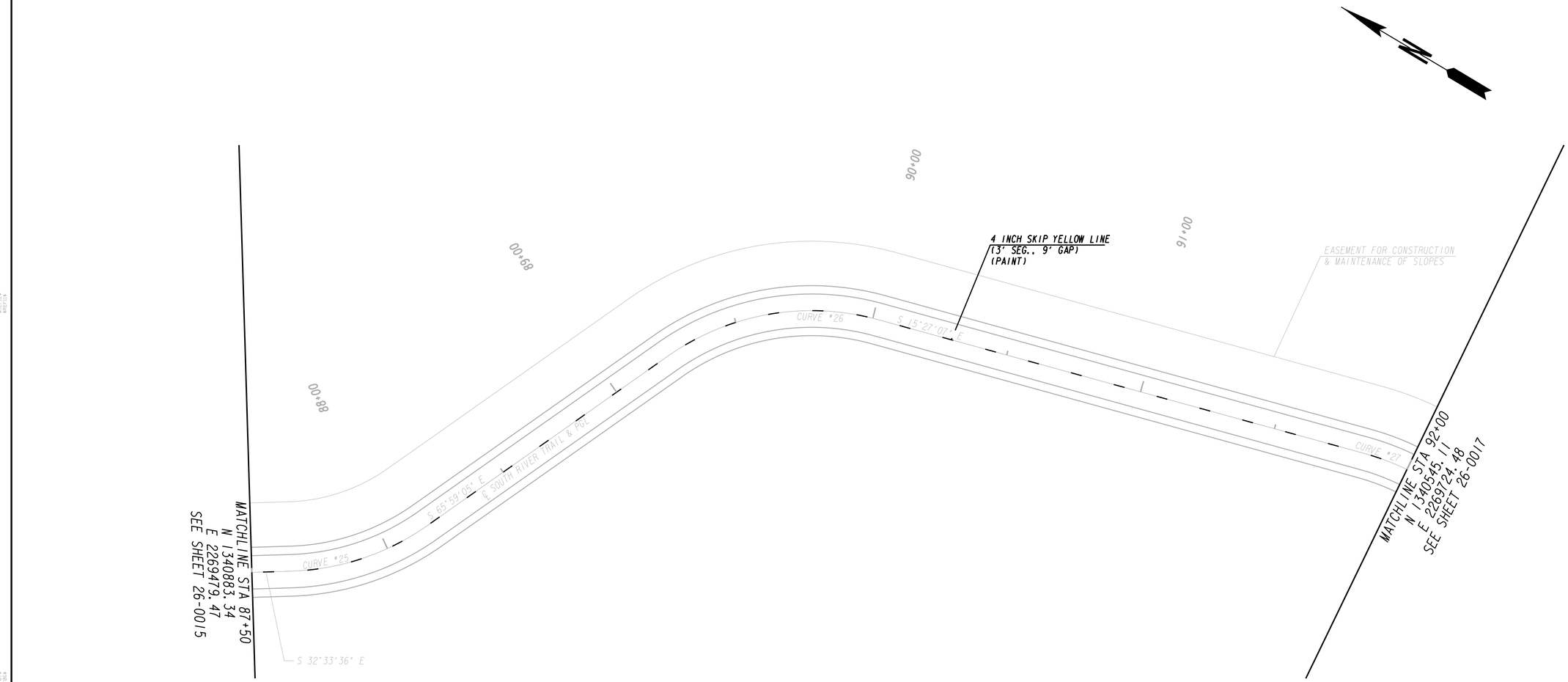
DRAWING No. 26-0015

7/31/2015 GPLN



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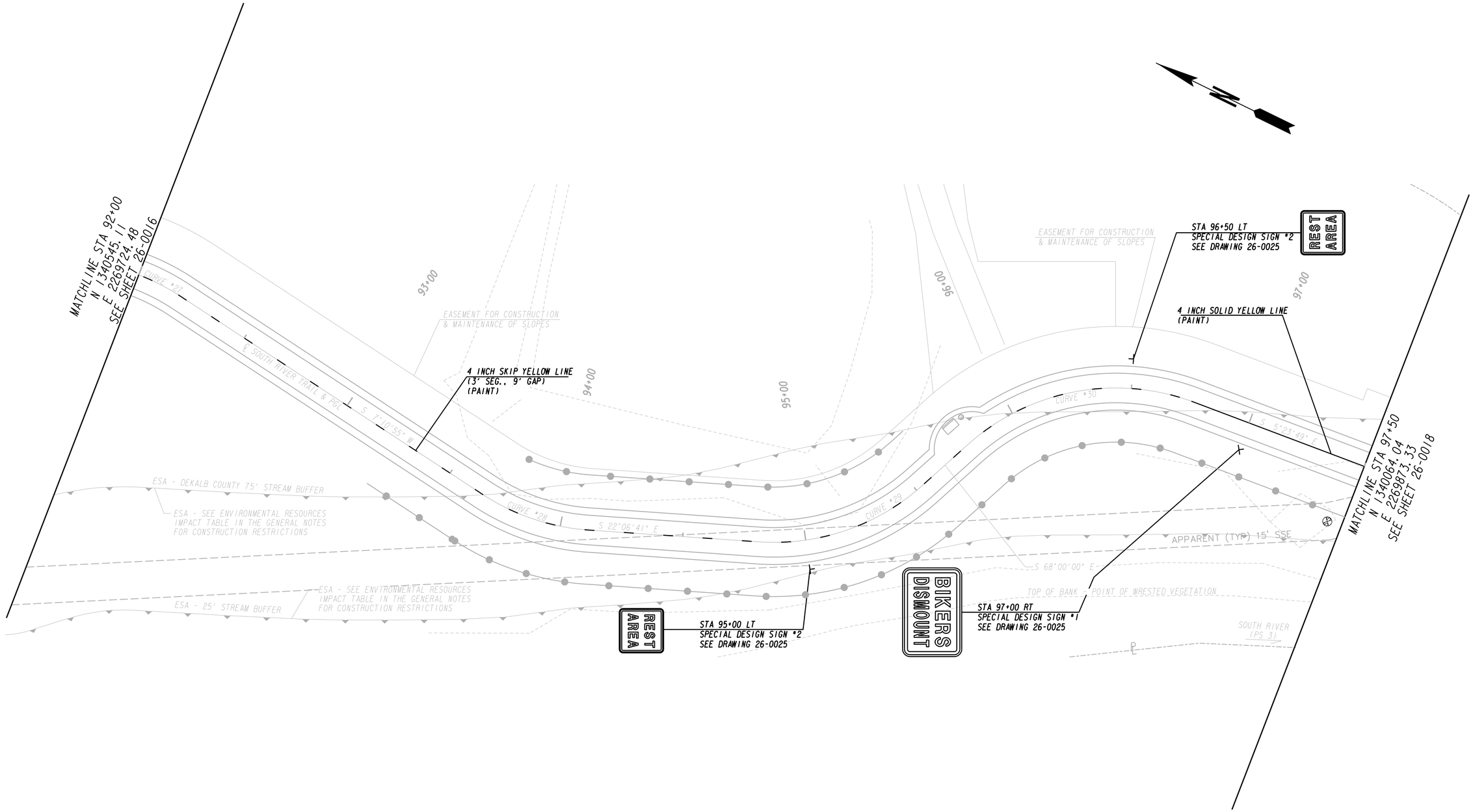
DRAWING No. 26-0016

7/31/2015 GPLN



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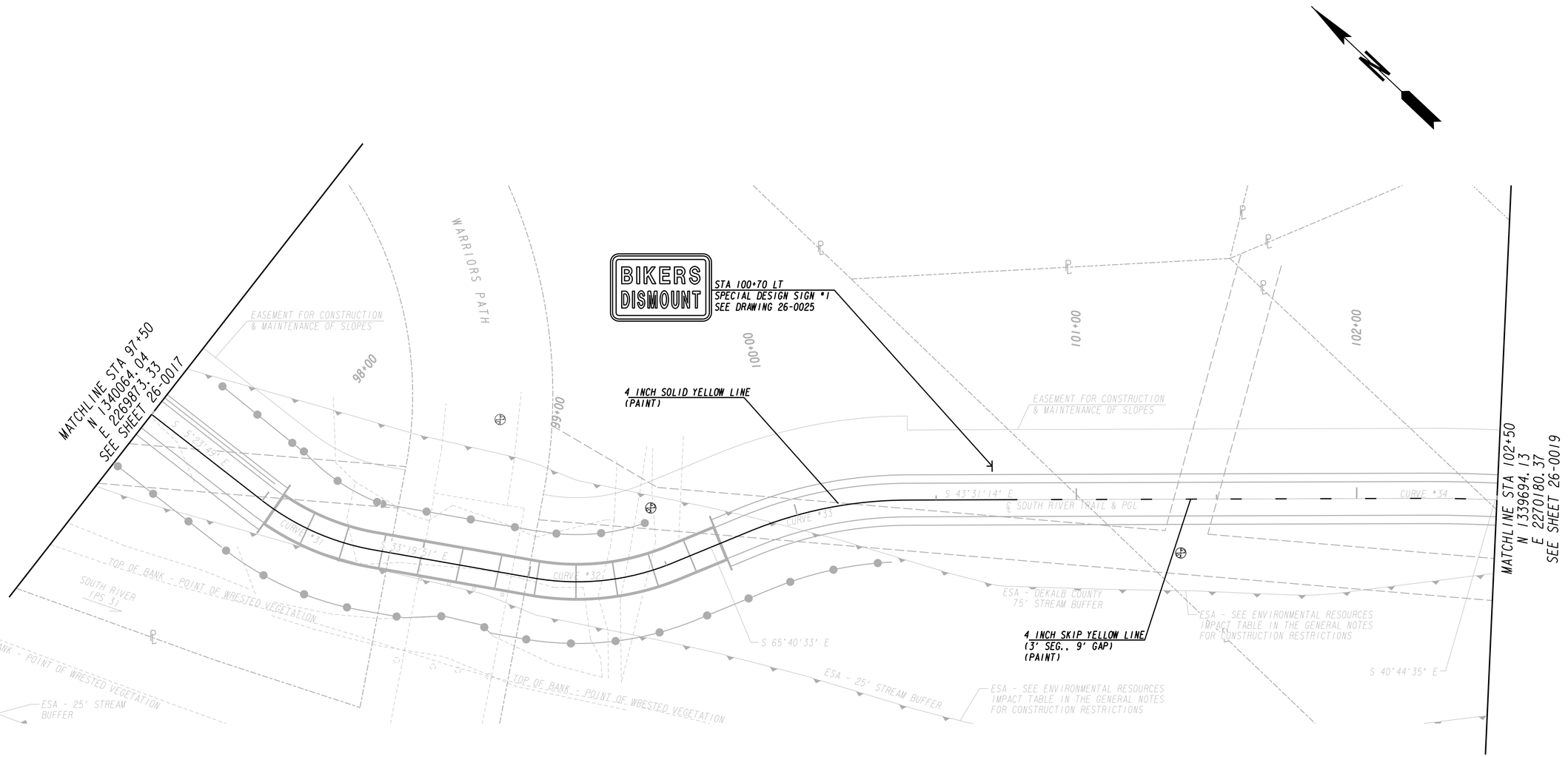
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 26-0017

7/31/2015 GPLN



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
SIGNING AND MARKING PLANS
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
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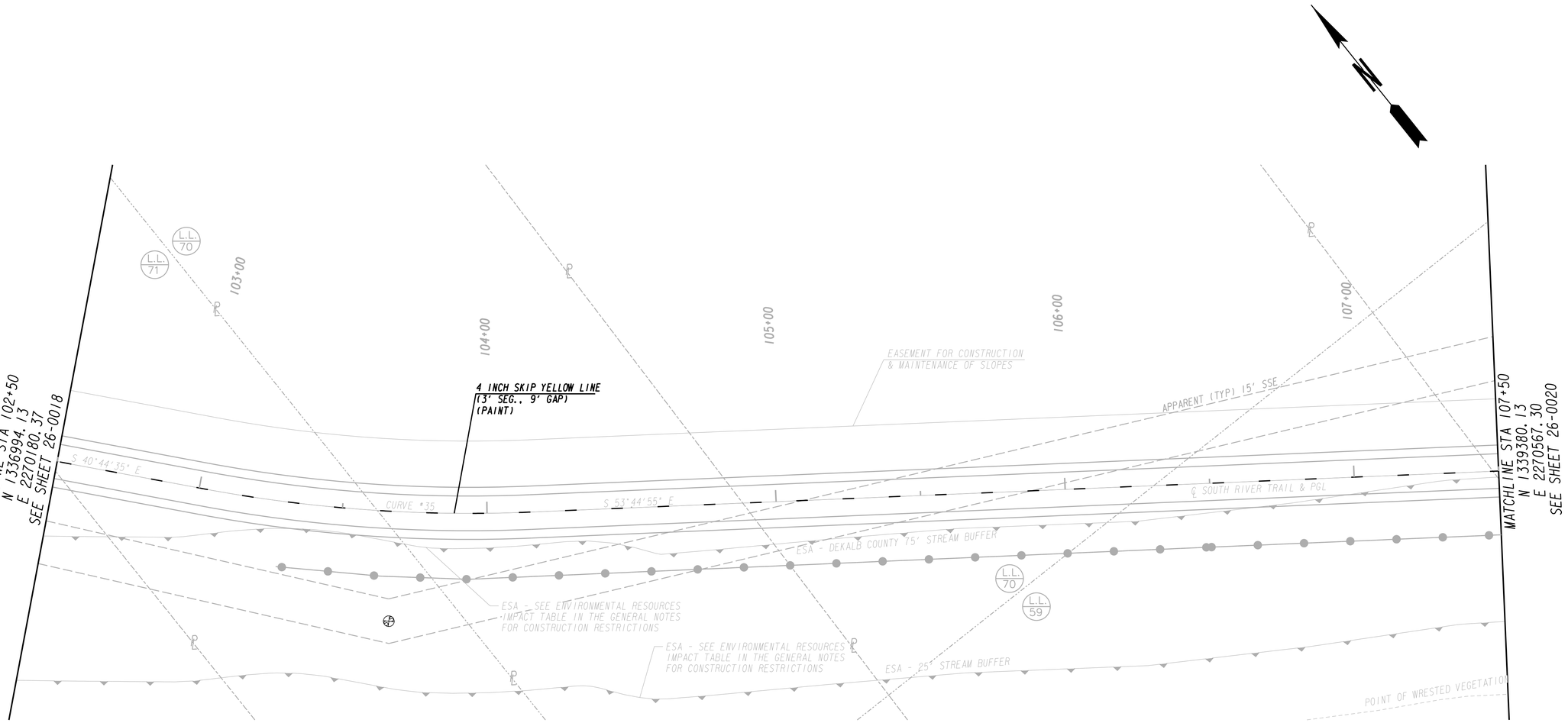
DRAWING No. 26-0018

7/31/2015 GPLN



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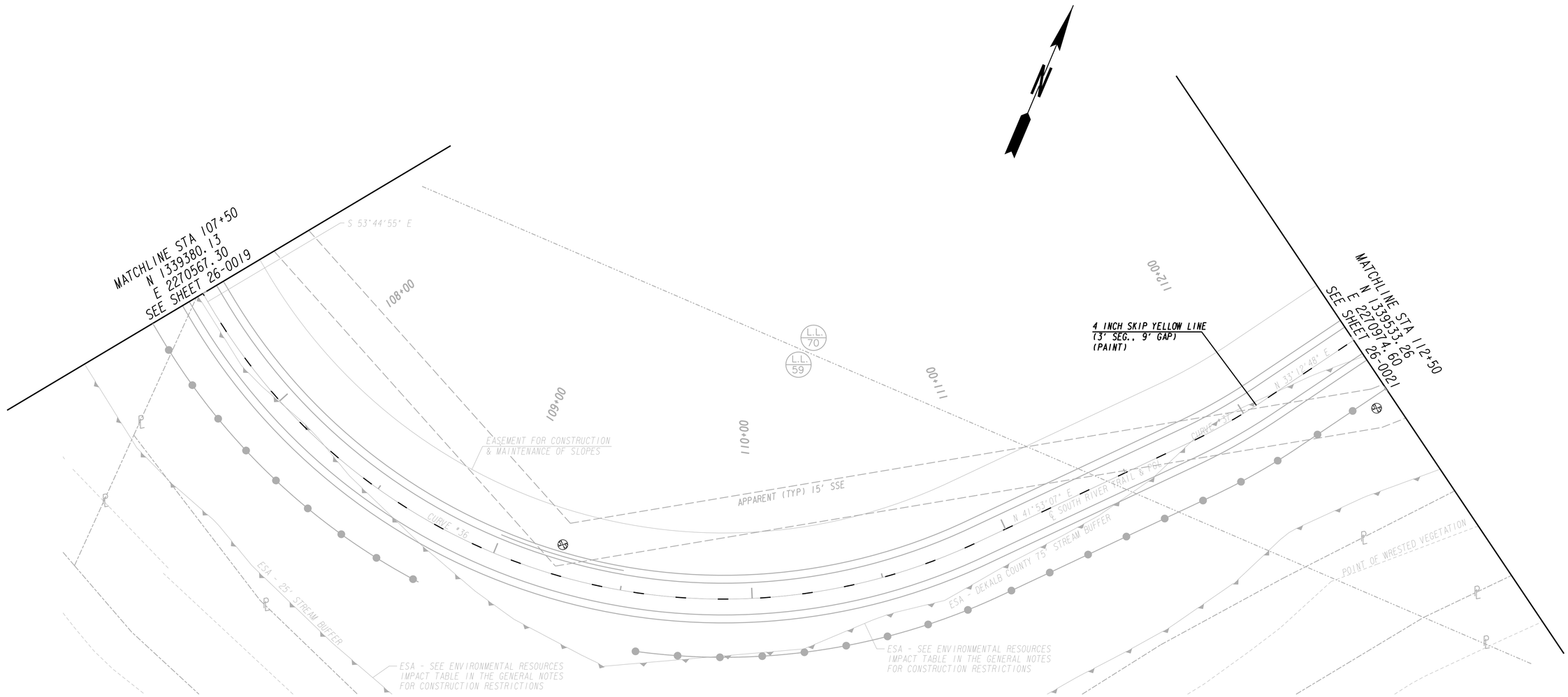
7/31/2015 GPLN



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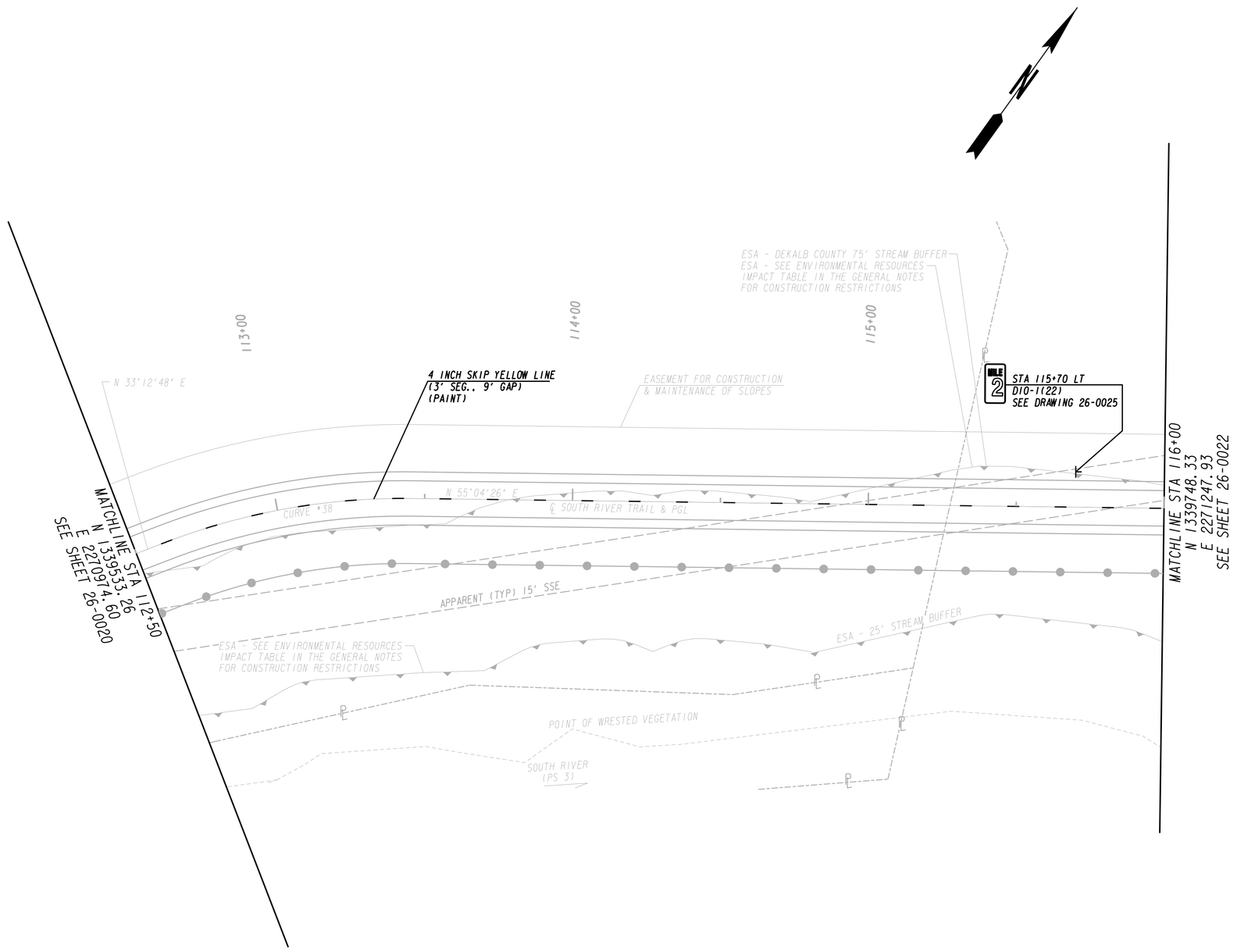
7/31/2015 GPLN



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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

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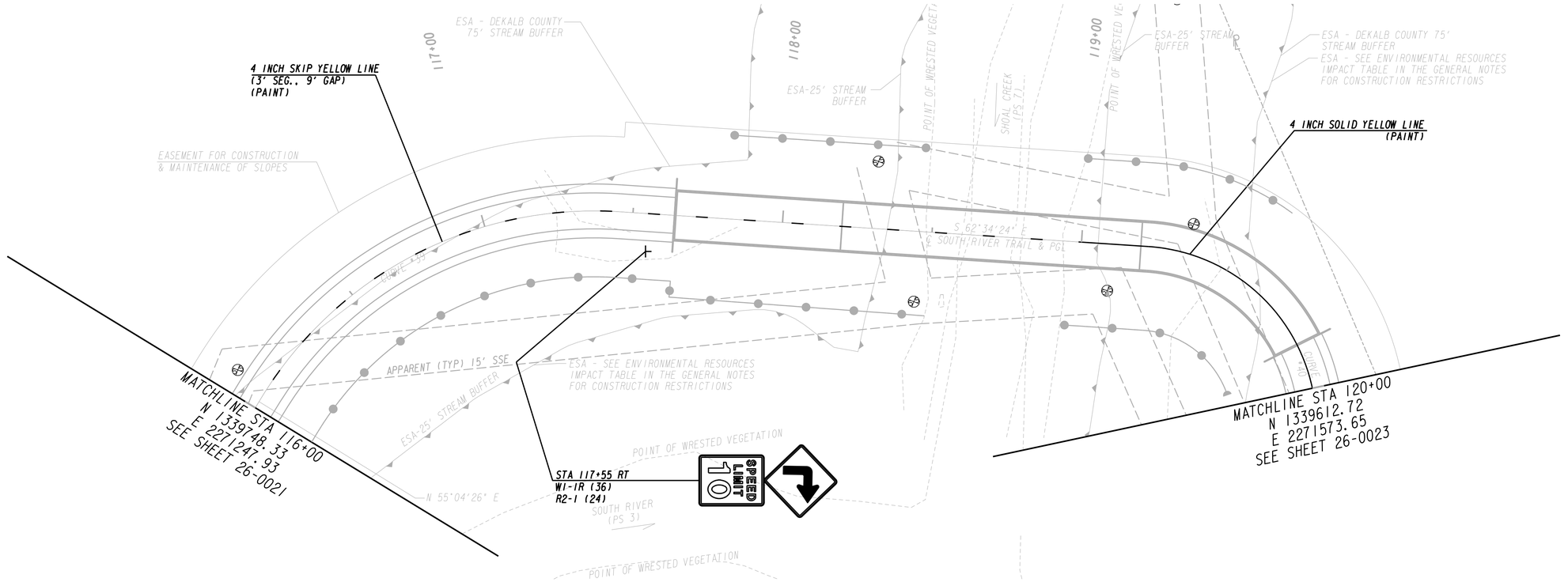
DRAWING No.
26-0021



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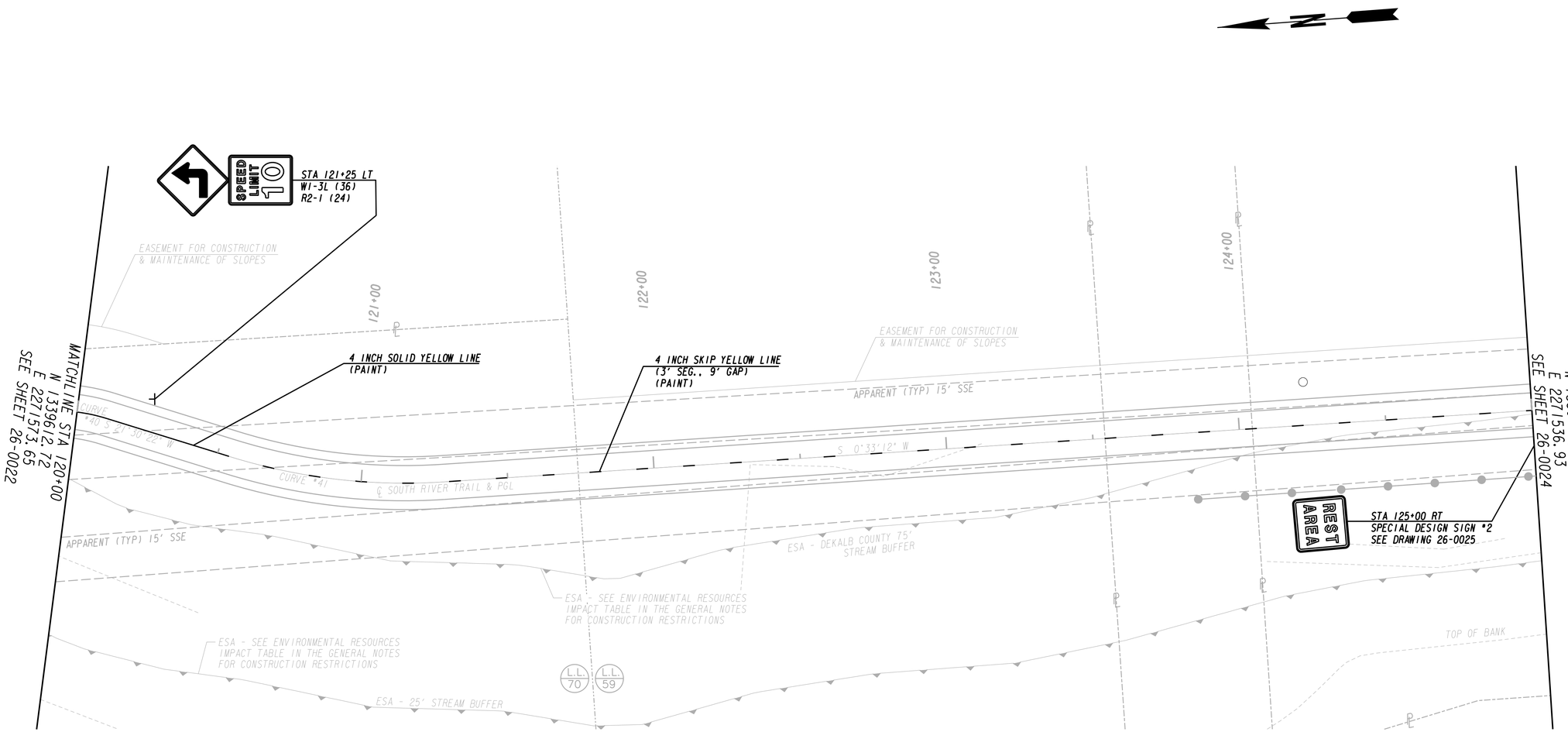
DRAWING No. 26-0022

7/31/2015 GPLN



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REVISION DATES		

DEKALB COUNTY & PATH FOUNDATION

SIGNING AND MARKING PLANS

SOUTH RIVER TRAIL, PHASE 5

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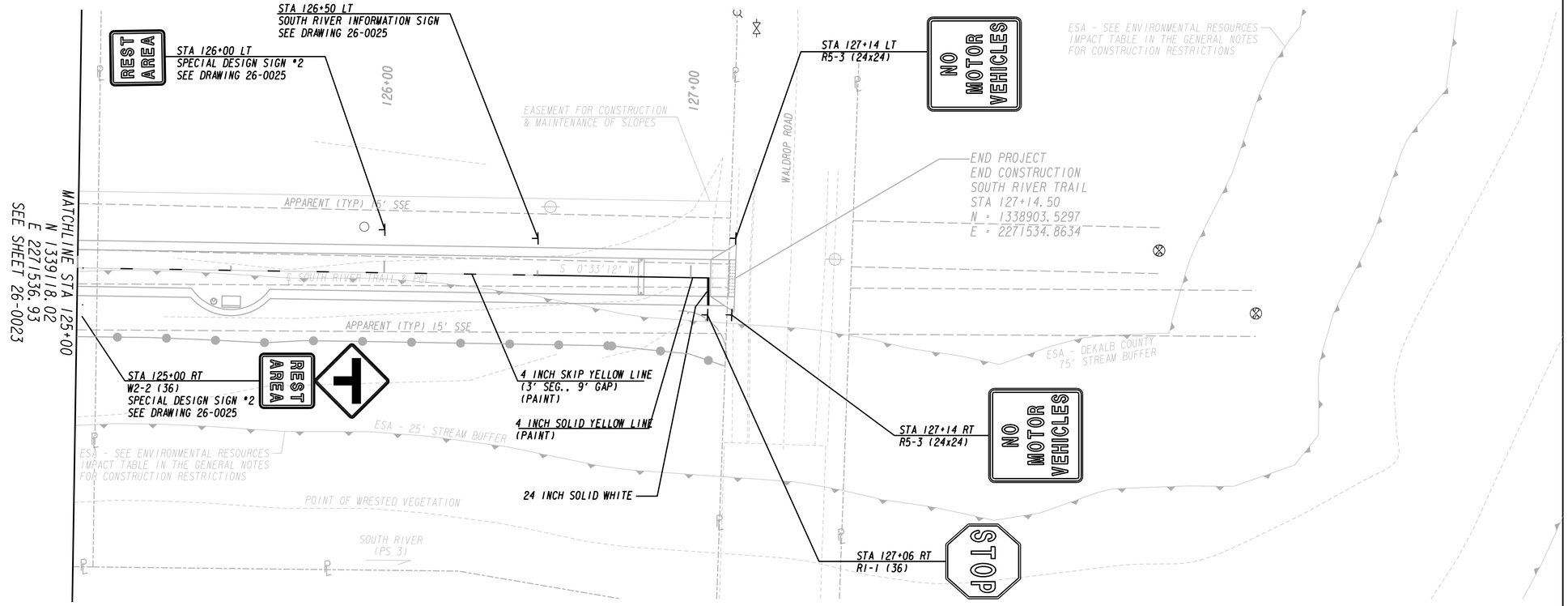
VERIFIED:	WMH	DATE:	05-07-2018	

7/31/2015 GPLN



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DEKALB COUNTY & PATH FOUNDATION

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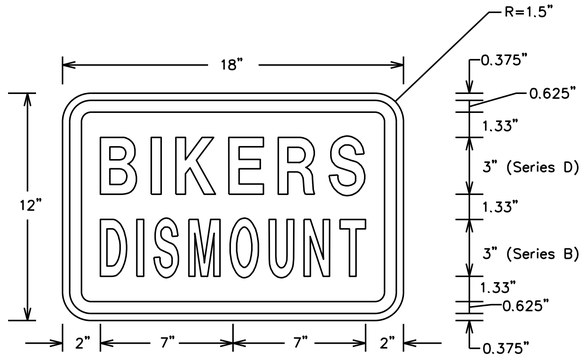
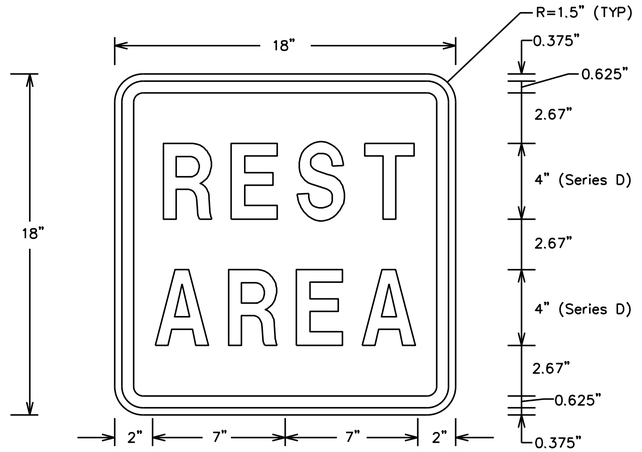
DRAWING No. 26-0024



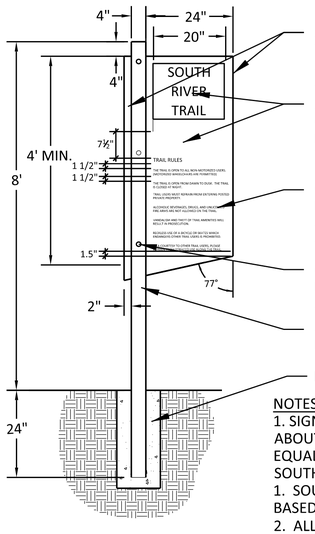
Special Design Sign #1
Scale: N.T.S.

COLORS: LEGEND – BLACK
BACKGROUND – YELLOW (RETROFLECTIVE)



Special Design Sign #2
Scale: N.T.S.

COLORS: LEGEND – WHITE
BACKGROUND – BLUE (RETROFLECTIVE)



SIGN TO BE FRAMED OUT OF 1" ALUMINUM TUBE AND CONSTRUCTED TO ALLOW BOTH PANELS TO BE REMOVABLE FOR REPLACEMENT. FAUX 2" WIDE SIGN FRAME TO BE PERMANENTLY ATTACHED TO OPPOSITE SIDE OF POST.

SIGN PANEL TO BE 1/8" BRUSHED ALUMINUM WITH LOGO AND COMMUNITY TEXT ROUTED-OUT. LOGO COLOR AND "PATH" TEXT TO BE DIRECT PRINTED TO 1/8" BRUSHED ALUMINUM PANEL AND ATTACHED TO BACK OF SIGN PANEL USING 3M VHV DOUBLE-SIDED TAPE.

CUSTOM SIGN TEXT TO BE PROVIDED BY THE PATH FOUNDATION. TEXT FONT TO BE "INTERSTATE" AND DIRECT PRINTED TO BRUSHED ALUMINUM PANEL. ENTIRE SIGN PANEL TO BE OVER-COATED WITH AUTOCOAT BT LV650 ANTI-GRAFFITI CLEAR-COAT.

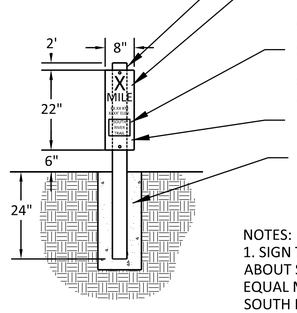
(3) 1.25" DIA. 5/8" THICK ALUMINUM WITH ANODIZED FINISH CAPS TO BE EPOXIED PERMANENTLY TO POST 5 1/2 " FROM TOP OF POST AND 25" O.C.

4"X4" ALUMINUM POST WITH SANDED FINISH CLEAR-COATED TO MATCH SIGN PANELS.

MIN. 12"X12" CONCRETE FOOTER

NOTES:
1. SIGN TO BE MANUFACTURED BY CAPITAL SIGNS 770-564-8582, ABOUT SIGNS 404-285-9331, HENRY GRAPHICS, INC. 770-932-3222 OR APPROVED EQUAL MANUFACTURER. CONTRACTOR TO PROVIDE SHOP DRAWINGS OF SIGNS TO SOUTH RIVER TO OBTAIN FINAL APPROVAL PRIOR TO FABRICATION.
1. SOUTH RIVER TO DETERMINE IN FIELD THE APPROPRIATE SIGN TO BE UTILIZED BASED ON FIELD CONDITIONS AND AVAILABLE SPACE FOR SIGNAGE.
2. ALL SIGNS SHALL BE LOCATED WITH 2'-0" CLEAR AREA FROM EDGE OF TRAILWAY TO OUTSIDE EDGE OF SIGN.

SOUTH RIVER TRAIL INFORMATION SIGN
Scale: N.T.S.



4"X4" ALUMINUM POST WITH SANDED FINISH CLEAR-COATED TO MATCH SIGN PANELS.

EACH DISTANCE MARKER TO CONTAIN TWO SIGN PANELS; EACH SIGN PANEL SHALL BE ATTACHED TO SIGNPOST USING (2) 1" LONG, 1/4 DIAMETER, STAINLESS STEEL #14A BUTTON HD TORX SECURITY METAL SCREW.

SIGN PANELS TO BE 1/4" BRUSHED ALUMINUM WITH ALL INFORMATION DIRECT PRINTED TO THE BRUSHED ALUMINUM PANEL. ENTIRE SIGN PANEL TO BE OVER-COATED WITH AUTOCOAT BT LV650 ANTI-GRAFFITI CLEAR-COAT. BOTTOM ANGLE OF SIGN PANEL TO MATCH SOUTH RIVER LOGO SHAPE.

INFORMATION SHOWN FOR EXAMPLE PURPOSES ONLY. REFER TO SIGN MATRIX FOR EACH INDIVIDUAL SIGN PANEL LAYOUT.

MIN. 12"X12" CONCRETE FOOTER

NOTES:
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2. ALL SIGNS SHALL BE LOCATED WITH 2'-0" CLEAR AREA FROM EDGE OF TRAILWAY TO OUTSIDE EDGE OF SIGN.

DISTANCE MARKER
Scale: N.T.S.

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
SIGNING AND MARKING PLANS
SOUTH RIVER TRAIL, PHASE 5

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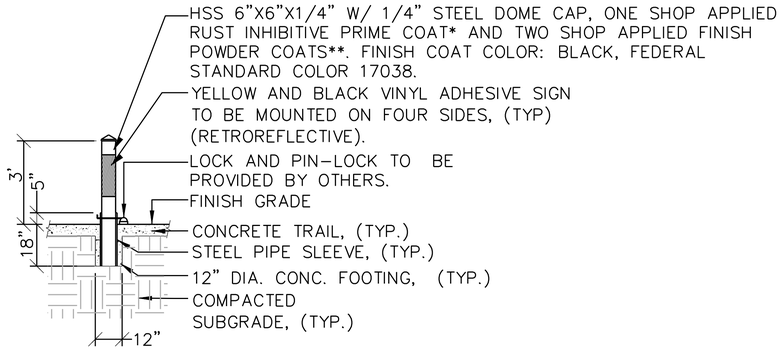
DRAWING No. 26-0025

7/31/2015 GPLN

* TYPE 1A OR 2A AIRLESS SPRAY PRIMER PER SECTION 870 OF GOT STANDARD SPECIFICATIONS.

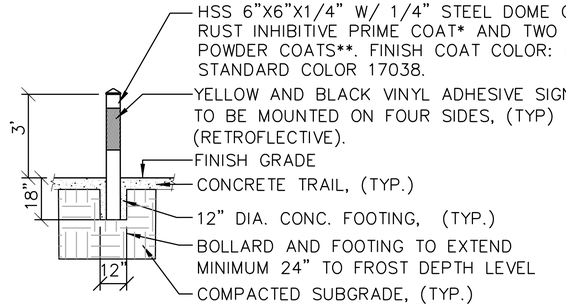
** POWDER COATING SHALL BE TESTED IN ACCORDANCE WITH ASTM D3051-06.

APPROVED POWDER COATING MANUFACTURES:
SHERWIN-WILLIAMS,
KEYLAND POLYMER
TCI POWDER COATINGS
OR APPROVED ALTERNATE MANUFACTURER THAT IS THAT IS LISTED BY THE POWDER COATING INSTITUTE (PCI).



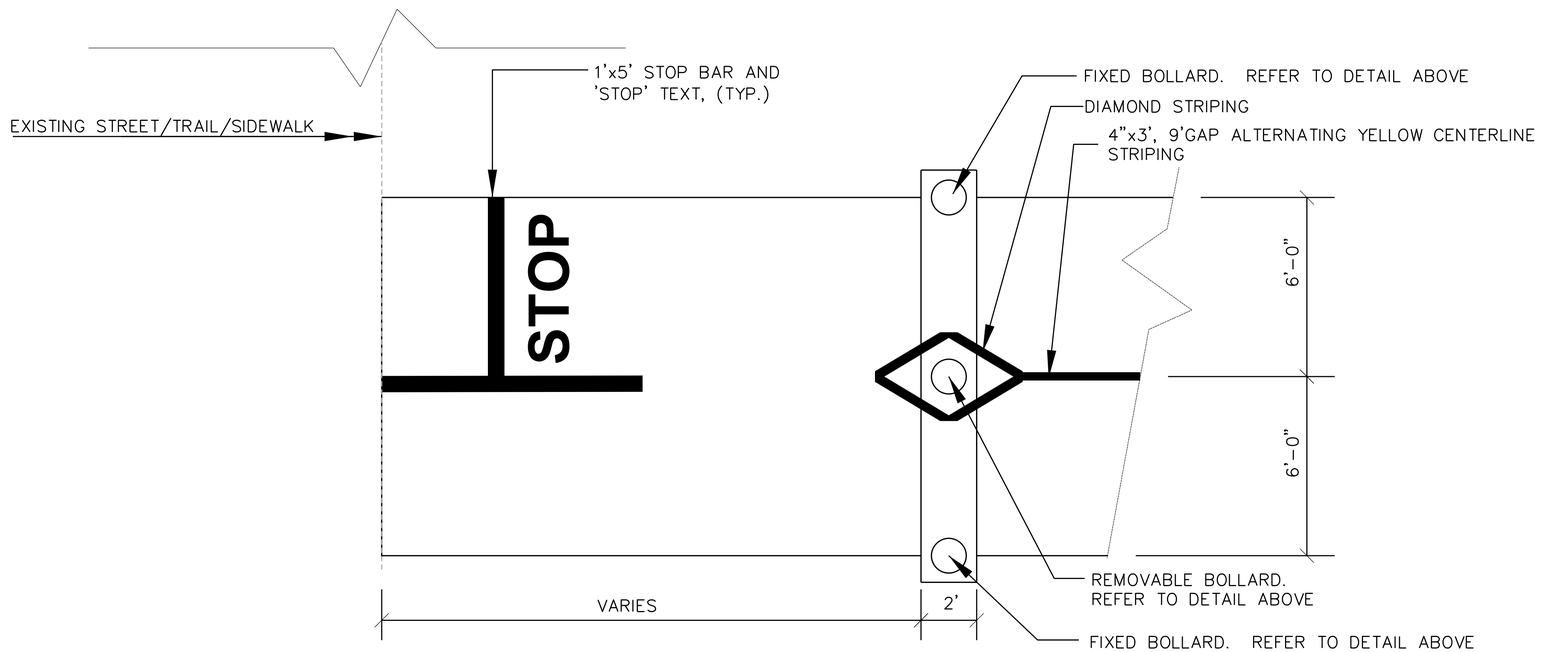
NOTE:
CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL.

Removable Steel Bollard
Scale: N.T.S.



NOTE:
CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL.

Fixed Steel Bollard
Scale: N.T.S.



Std. Intersection: Plan View
Scale: N.T.S.

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
SIGNING AND MARKING PLANS
SOUTH RIVER TRAIL, PHASE 5

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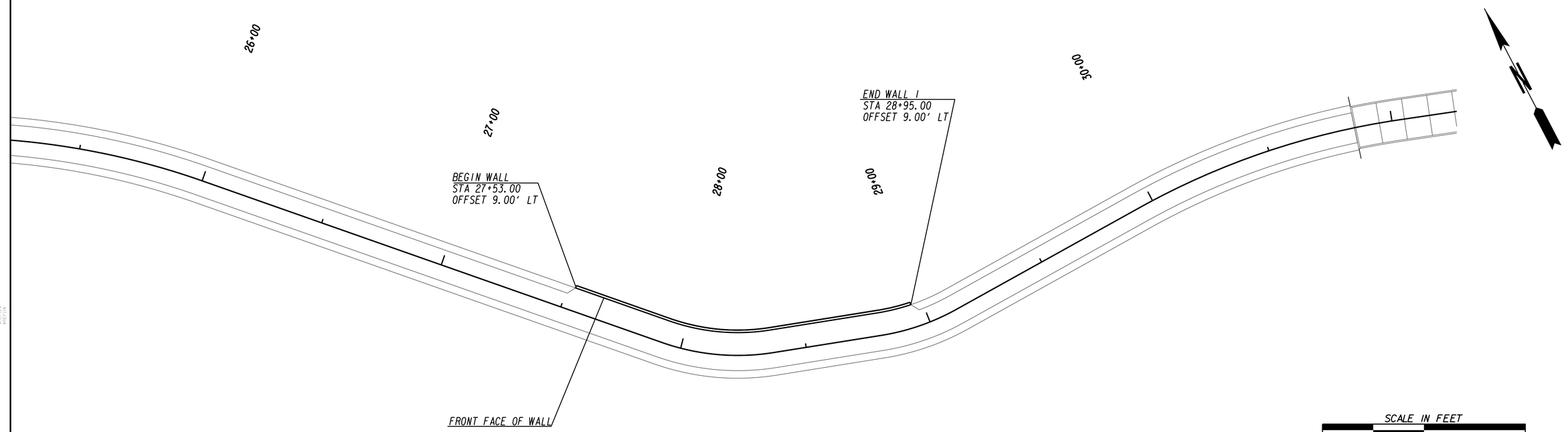
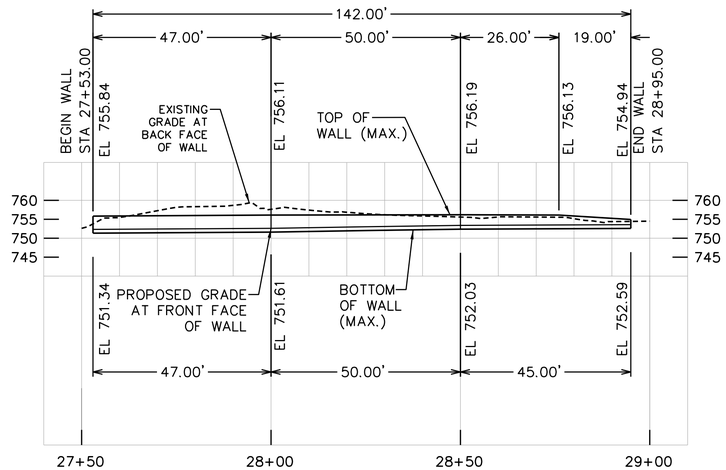
BACKCHECKED:		DATE:		26-0026
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN



PLAN



WALL PROFILE FRONT FACE VIEW
SCALE: HORZ. 1" = 20'
VERT. 1" = 20'

PROFILE

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
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REVISION DATES		

DEKALB COUNTY & PATH FOUNDATION

RETAINING WALL ENVELOPES

SOUTH RIVER TRAIL, PHASE 5

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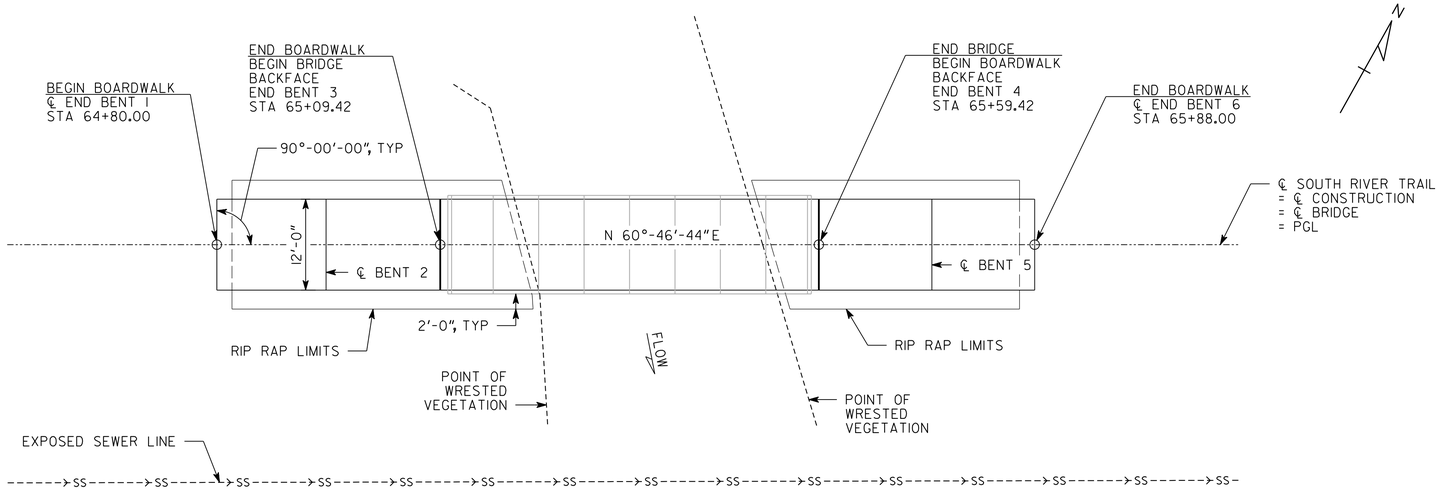
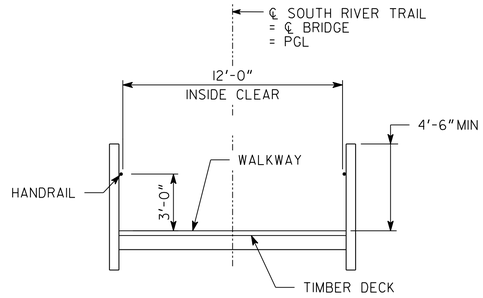
BACKCHECKED:		DATE:		31-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

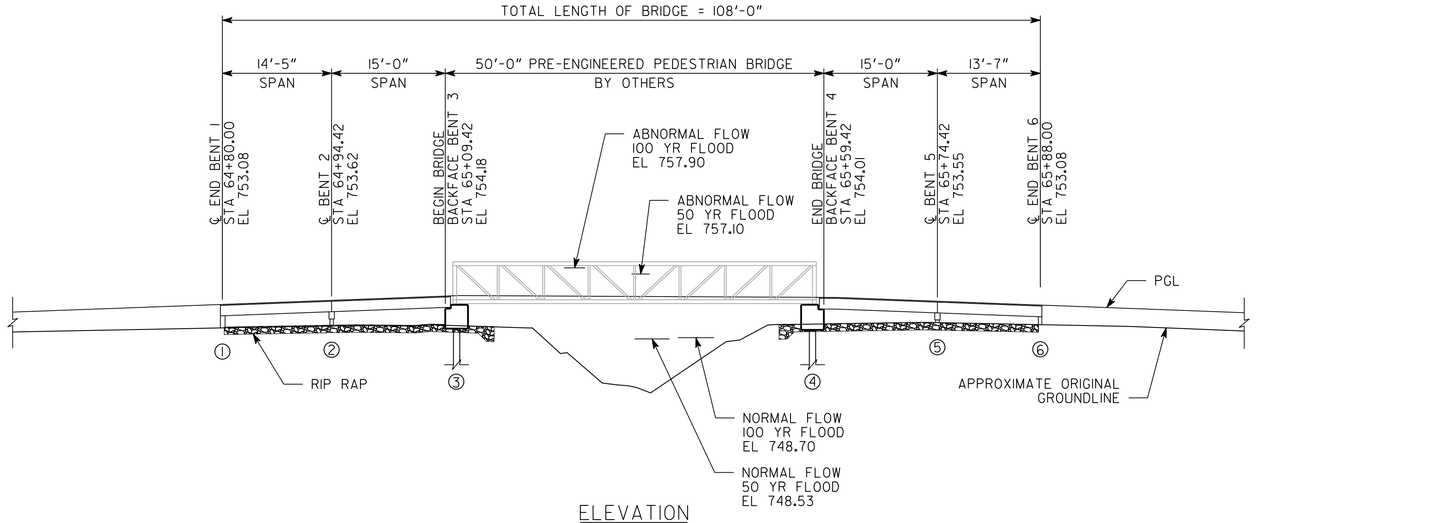


PLAN



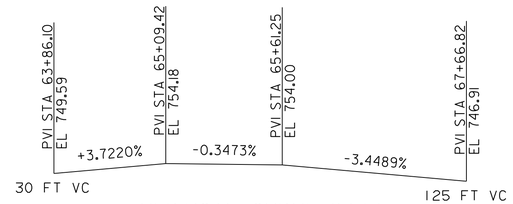
PRE-ENGINEERED BRIDGE SECTION

NO SCALE

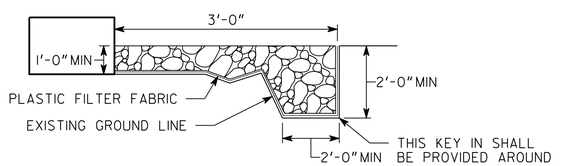


ELEVATION

HANDRAIL NOT SHOWN FOR CLARITY



VERTICAL CURVE DATA



RIP RAP DETAIL

NO SCALE

NOTES:

1. ALL BENTS ARE PARALLEL.
2. THE PROPOSED BRIDGE WILL HAVE A FLAT CROSS SLOPE.
3. STATIONS AND ELEVATIONS ARE ALONG PROFILE GRADE LINE AT INTERSECTION OF PROFILE GRADE LINE AND BACKFACE OR ℄ BENT.
4. SEE DRAWING NO 38-0002, 38-0003 AND 38-0004 FOR BOARDWALK DETAILS.

PROJECT P.I. NO. 0009029

BRIDGE NO. 1

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD • BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770) 424-1668

GEORGIA REGISTERED No. 16762 PROFESSIONAL ENGINEER MARK WILLIAM HOLMBERG
1/30/19

DEKALB COUNTY & PATH FOUNDATION

PLAN AND ELEVATION
BRIDGE 1 OVER UNNAMED TRIBUTARY
SOUTH RIVER TRAIL - PHASE 5

DEKALB COUNTY 0009029

SCALE: 1" = 10'-0" JANUARY 2019

DRAWING NO. 35-0001

BRIDGE SHEET 1 OF 3

BY	REVISIONS	DATE

DESIGNED JH CHECKED MWH REVIEWED SKG
DRAWN DP DESIGN GROUP APPROVED WMD

1 INCH WHEN PRINTED FULL SIZE

J:\2012019\0009029\Bridge\Final\Bridge 1\2012019_BR1_35-0001_PE.dgn

USER:mholmberg 1/30/2019 9:40:21 AM

BRIDGE CONSISTS OF

1 - 50'-0" X 12'-0" PRE-ENGINEERED STEEL TRUSS SPAN ----- SPECIAL DESIGN (TIMBER DECK)

2 - STEEL H-PILE INTERMEDIATE BENTS ---------- SPECIAL DESIGN

BAR BENDING DETAILS ---------- GA. STD. 3901 (8-69)

TYPICAL FILL DETAIL AT END OF BRIDGE ---------- GA. STD. 9037 (9-99)

DRAINAGE DATA

DRAINAGE AREA ---------- 0.45 SQ MILES

UNNAMED TRIBUTARY FLOOD STAGE

FLOOD FREQUENCY	TOTAL DISCHARGE	MEAN VELOCITY	AREA OF OPENING UNDER FLOODSTAGE	BACKWATER
50 YEAR	367 CFS	4.1 FPS	89 SQ FT	0.00 FT
100 YEAR	419 CFS	4.3 FPS	97 SQ FT	0.00 FT

ABNORMAL FLOOD STAGE

FLOOD FREQUENCY	TOTAL DISCHARGE	MEAN VELOCITY	AREA OF OPENING UNDER FLOODSTAGE	BACKWATER
50 YEAR	367 CFS	0.1 FPS	513 SQ FT	0.00 FT
100 YEAR	419 CFS	0.1 FPS	513 SQ FT	0.00 FT

UTILITIES

NO UTILITIES ON BRIDGE

GENERAL NOTES

SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2013 EDITION, AND 2016 SUPPLEMENTAL SPECIFICATIONS, AS MODIFIED BY CONTRACT DOCUMENTS.

REINFORCING STEEL - PLACE AND TIE ALL REINFORCING STEEL IN ACCORDANCE WITH THE GEORGIA DOT SPECIFICATIONS. DO NOT WELD REINFORCING STEEL. MAINTAIN 2" CLEARANCE ON ALL REINFORCEMENT UNLESS OTHERWISE NOTED.

CHAMFER - CHAMFER ALL EXPOSED CONCRETE EDGES 3/4" UNLESS OTHERWISE NOTED.

PLAN DRIVING OBJECTIVE - AT EACH BENT, DRIVE ALL PILES TO THE DRIVING RESISTANCE AFTER ACHIEVING THE MINIMUM PILE TIP ELEVATION.

BENT NUMBER	DRIVING RESISTANCE (KIPS)	MINIMUM PILE TIP ELEVATION
3	153	733.00
4	153	729.00

DRIVING RESISTANCE - DETERMINE DRIVING RESISTANCE FOR PILES USING DYNAMIC PILE TESTING IN ACCORDANCE WITH SPECIAL PROVISION 520. DYNAMIC PILE TESTING SHALL BE REQUIRED FOR ONE PILE AT EACH OF BENTS 3 AND 4.

DYNAMIC PILE TESTING - PERFORM PILE TESTING USING THE PILE DRIVING ANALYZER (PDA) IN ACCORDANCE WITH SPECIAL PROVISION SECTION 523. NOTIFY THE GEOTECHNICAL BUREAU OF THE GEORGIA DOT OFFICE OF MATERIALS AND TESTING AT 404-608-4720 TWO WEEKS PRIOR TO DRIVING PILES.

WAVE EQUATION - PERFORM WAVE EQUATION ANALYSIS (WEAP) IN ACCORDANCE WITH SPECIAL PROVISION 520. PROVIDE RESULTS OF THE WEAP TO THE GEOTECHNICAL BUREAU OF THE GEORGIA DOT OFFICE OF MATERIALS AND TESTING FOR REVIEW AND APPROVAL TWO WEEKS PRIOR TO DRIVING PILES.

STEEL H-PILES - USE STEEL FOR H-PILES THAT MEETS THE REQUIREMENTS OF ASTM A 709 GR 50.

PILE LENGTHS - ERRATIC PILE LENGTHS CAN BE EXPECTED.

PILOT HOLES - SHOULD PILES FAIL TO OBTAIN MINIMUM TIP ELEVATIONS SHOWN FOR BENT 3, REMOVE DRIVEN PILES AS PER SPECIAL PROVISION 520 AND DRILL A 24" DIAMETER PILOT HOLE TO A MINIMUM TIP OF 733. FILL PILOT HOLE TO BOTTOM OF FOOTING WITH CLASS A CONCRETE.

PILE POINTS - REINFORCE ALL PILE TIPS AT BENTS 3 AND 4 IN ACCORDANCE WITH SECTIONS 520 AND 855 OF THE GEORGIA DOT SPECIFICATIONS.

ANCHOR BOLTS - PLACE ANCHOR BOLTS IN FORMED 3" DIAMETER 15" DEEP HOLES AND GROUT IN PLACE AS PER SUB-SECTION 501.3.05.B.3 OF THE GEORGIA DOT SPECIFICATIONS. STIRRUPS MAY BE SHIFTED TO CLEAR ANCHOR BOLT HOLES.

WELDING - ALL WELDING ON GEORGIA DOT PROJECTS SHALL BE PERFORMED BY CERTIFIED WELDERS THAT HAVE IN THEIR POSSESSION A CURRENT WELDING CERTIFICATION CARD ISSUED BY THE OFFICE OF MATERIALS AND TESTING. USE ONLY E70XX (EXCLUDING E7014 AND E7024) LOW HYDROGEN ELECTRODES FOR MANUAL SHIELDED METAL ARC WELDING.

RIP RAP - RIP RAP QUANTITY INCLUDES TOTAL AMOUNT REQUIRED UNDER TRUSS SPAN AND BOARDWALK SPANS.

INCIDENTAL ITEMS - INCLUDE THE COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND/OR SPECIAL PROVISIONS IN THE OVERALL BID SUBMITTED. THIS INCLUDES THE COST OF WATERPROOFING JOINT FILLERS AND OTHER ITEMS NECESSARY TO COMPLETE THE WORK.

DESIGN DATA

SPECIFICATIONS --- AASHTO LRFD PEDESTRIAN BRIDGE GUIDE SPECIFICATION, 2009

SPECIFICATIONS ---------- AASHTO LRFD 7TH EDITION, 2014

PEDESTRIAN LOADING ---------- 90 PSF

ALTERNATE LOADING ---------- H5

CONCRETE: SUBSTRUCTURE ---------- CLASS A, f'_c = 3,000 PSI

REINFORCEMENT STEEL ---------- GRADE 60, f_y = 60,000 PSI

STEEL H-PILES: ---------- GRADE 50, f_y = 50,000 PSI

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500-3101	8	CY	CLASS A CONCRETE
511-1000	944	LB	BAR REINF STEEL
520-0242	4	EA	H-PILE POINTS, HP 10 X 42
520-1104	95	LF	PILING IN PLACE, STEEL H, HP 10 X 42
520-4104	1	EA	LOAD TEST, STEEL H, HP 10 X 42 (IF REQD)
520-5000	35	LF	PILOT HOLES
523-1100	2	EA	DYNAMIC PILE TEST
534-1000	LUMP	LS	PEDESTRIAN OVERPASS BRIDGE STA 65+09.42
603-2012	134	SY	STN DUMPED RIP RAP, TP 1, 12 IN
603-7000	134	SY	PLASTIC FILTER FABRIC

BRIDGE NO. 1

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD • BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770) 424-1668

DEKALB COUNTY &
PATH FOUNDATION

GENERAL NOTES
BRIDGE 1 OVER UNNAMED TRIBUTARY
SOUTH RIVER TRAIL - PHASE 5

DEKALB COUNTY 0009029

SCALE: NO SCALE JANUARY 2019

DRAWING NO. 35-0002

BRIDGE SHEET 2 OF 3

DESIGNED	JH	CHECKED	MWH	REVIEWED	SKG
DRAWN	DP	DESIGN GROUP		APPROVED	WMD

DATE | REVISIONS | BY

1 INCH WHEN PRINTED FULL SIZE

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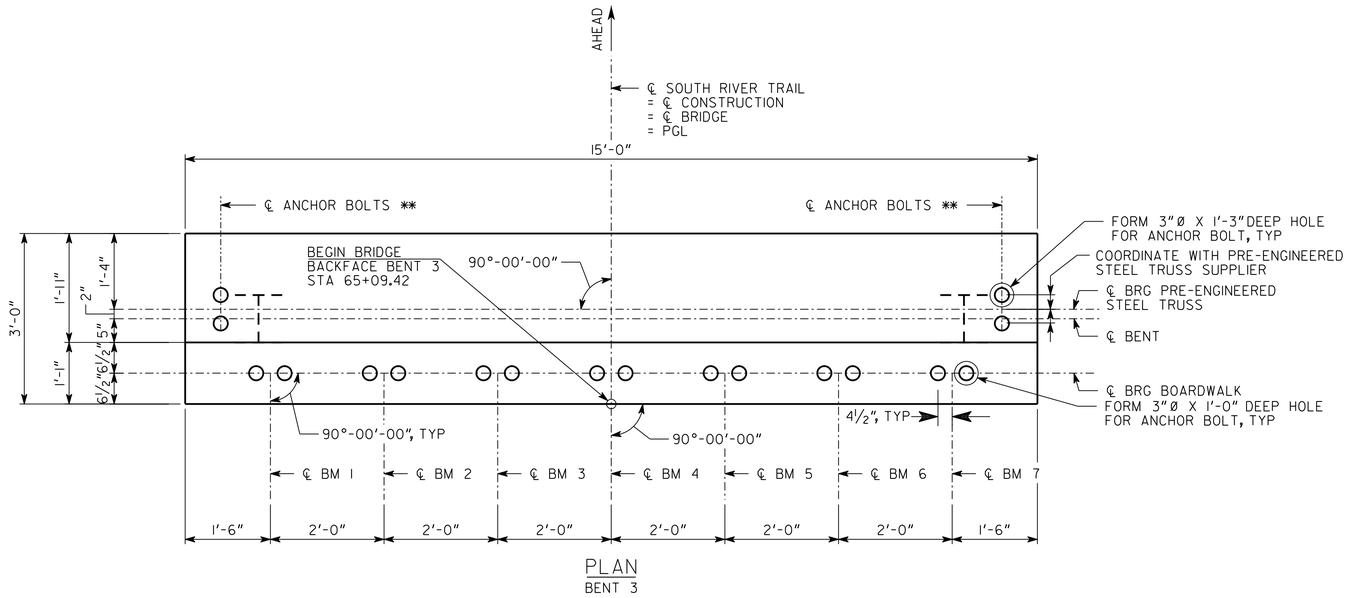
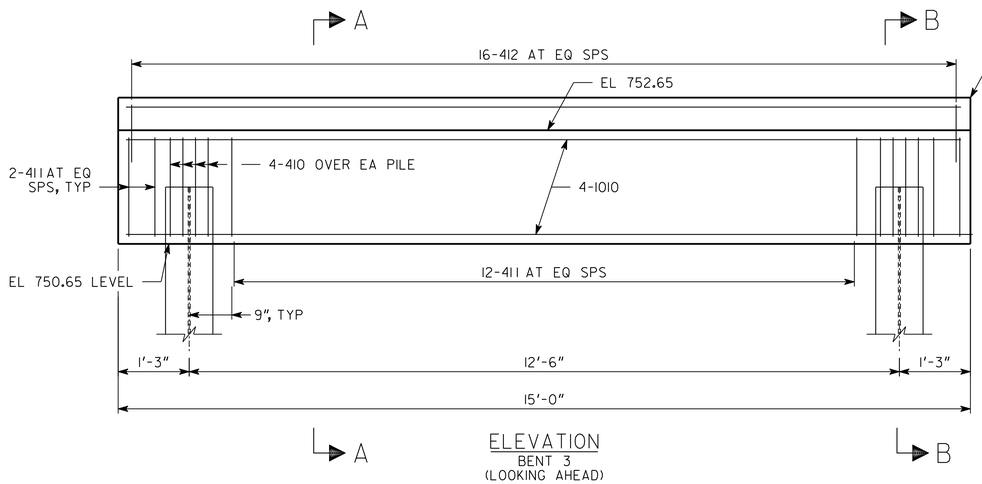


PLAN
BENT 3



ELEVATION
BENT 3
(LOOKING AHEAD)

LOCATION	NO. OF LOC.	MARK	LENGTH FT.	LENGTH IN.	NO. BARS REQ'D.	TYPE	A	G	B FT.	B IN.	C FT.	C IN.	D FT.	D IN.	E FT.	E IN.	F FT.	F IN.	H FT.	H IN.	J FT.	J IN.	K FT.	K IN.	N	θ
BENT 3 OR 4	2	410	6	9	8	32	5	5	2	8	1	8	1	8												
		411	9	5	16	25	4	4	2	8	1	8														
		412	4	11	16	2			1	7	1	8														
		510	14	8	2	1																				
		1010	14	8	4	1																				

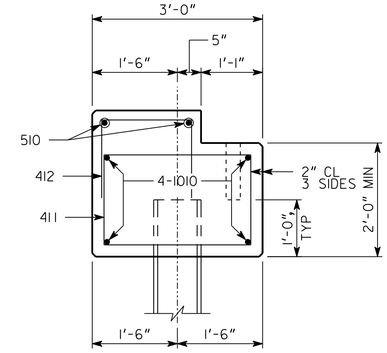
NOTES:

1. BENT CAP IS SYMMETRICAL ABOUT ℄ CAP.
2. COORDINATE WITH PRE-ENGINEERED STEEL TRUSS SUPPLIER. REDESIGN BENT IF REQUIRED AT NO COST TO OWNER.
3. ** PILES ARE DESIGNED FOR THE MAXIMUM FACTORED AXIAL LOAD OF 99 KIPS AND MAXIMUM TRUSS HEIGHT OF 12" FROM TOP OF FINISHED DECK TO BEARING SEAT ELEVATION. IF THE BRIDGE SUPPLIED EXCEEDS THESE LOADS AND DIMENSIONS, THE CONTRACTOR SHALL REDESIGN THE FOUNDATIONS AT NO COST.
4. LATERAL LOAD PER PILE: 2.80K TRANSVERSE, 1.87K LONGITUDINAL

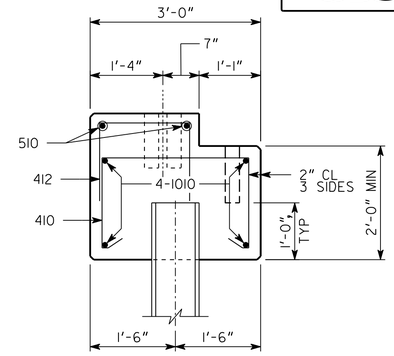
ALL PILES SHALL BE STEEL H, HP 10X42

PLAN DRIVING OBJECTIVE

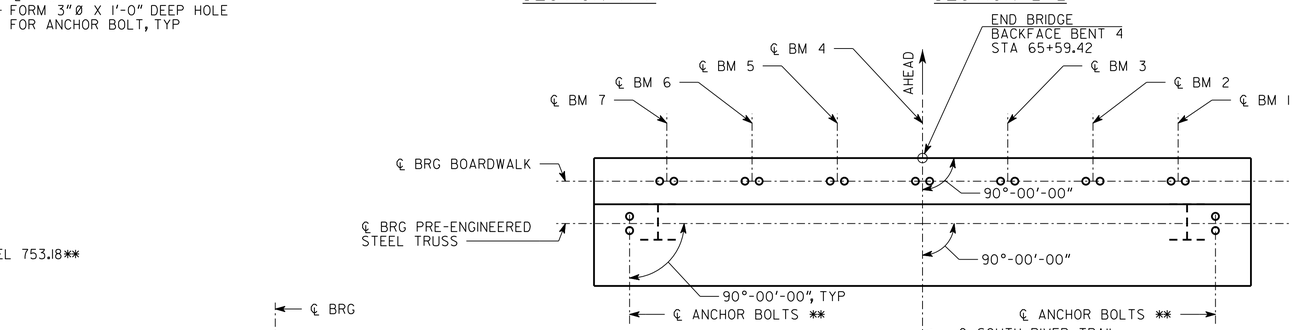
ALL PILES SHALL BE DRIVEN TO A DRIVING RESISTANCE OF 153 KIPS AFTER A MINIMUM TIP ELEVATION OF 733 IS ACHIEVED AT BENT 3 AND 729 AT BENT 4.



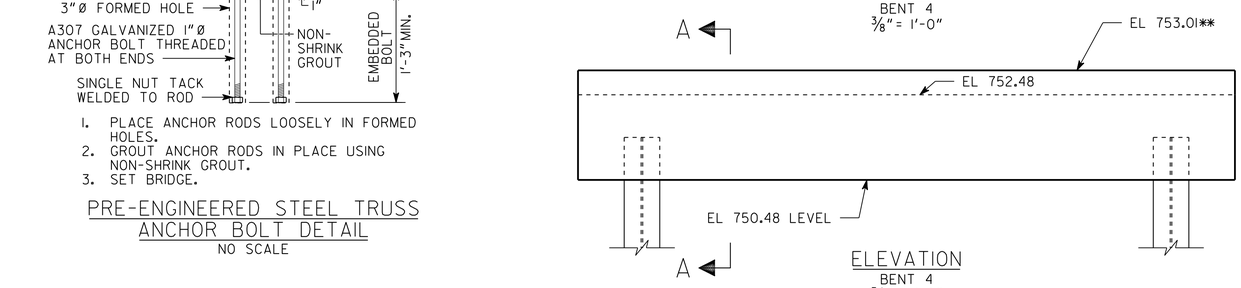
SECTION A-A



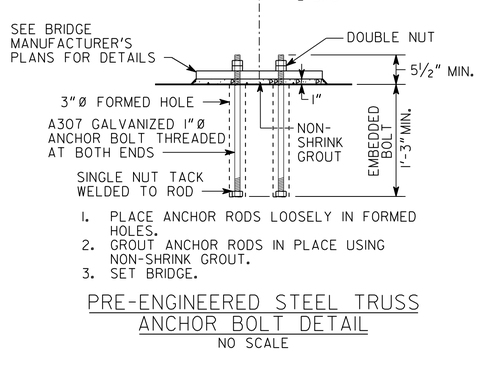
SECTION B-B



PLAN
BENT 4
3/8" = 1'-0"



ELEVATION
BENT 4
3/8" = 1'-0"
(LOOKING AHEAD)



1. PLACE ANCHOR RODS LOOSELY IN FORMED HOLES.
2. GROUT ANCHOR RODS IN PLACE USING NON-SHRINK GROUT.
3. SET BRIDGE.

PRE-ENGINEERED STEEL TRUSS
ANCHOR BOLT DETAIL
NO SCALE

SUBSTRUCTURE QUANTITIES		
ITEM	BENT 3	BENT 4
CU YD CLASS "A" CONCRETE	4.1	4.1
LB BAR REINFORCEMENT STEEL	472	472

P.I. NO. 0009029

BRIDGE NO. 1

Heath & Lineback Engineers
INCORPORATED
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(770) 424-1668

DEKALB COUNTY & PATH FOUNDATION

INTERMEDIATE BENTS 3 AND 4
BRIDGE 1 OVER UNNAMED TRIBUTARY
SOUTH RIVER TRAIL - PHASE 5

DEKALB COUNTY 0009029

SCALE: 3/4" = 1'-0", UNLESS OTHERWISE NOTED JANUARY 2019

DRAWING NO. 35-0003

BRIDGE SHEET 3 OF 3

REVISIONS | BY | DATE

DESIGNED JH | DRAWN DP | CHECKED MWH | DESIGN GROUP | REVIEWED SKG | APPROVED WMD

1 INCH WHEN PRINTED FULL SIZE

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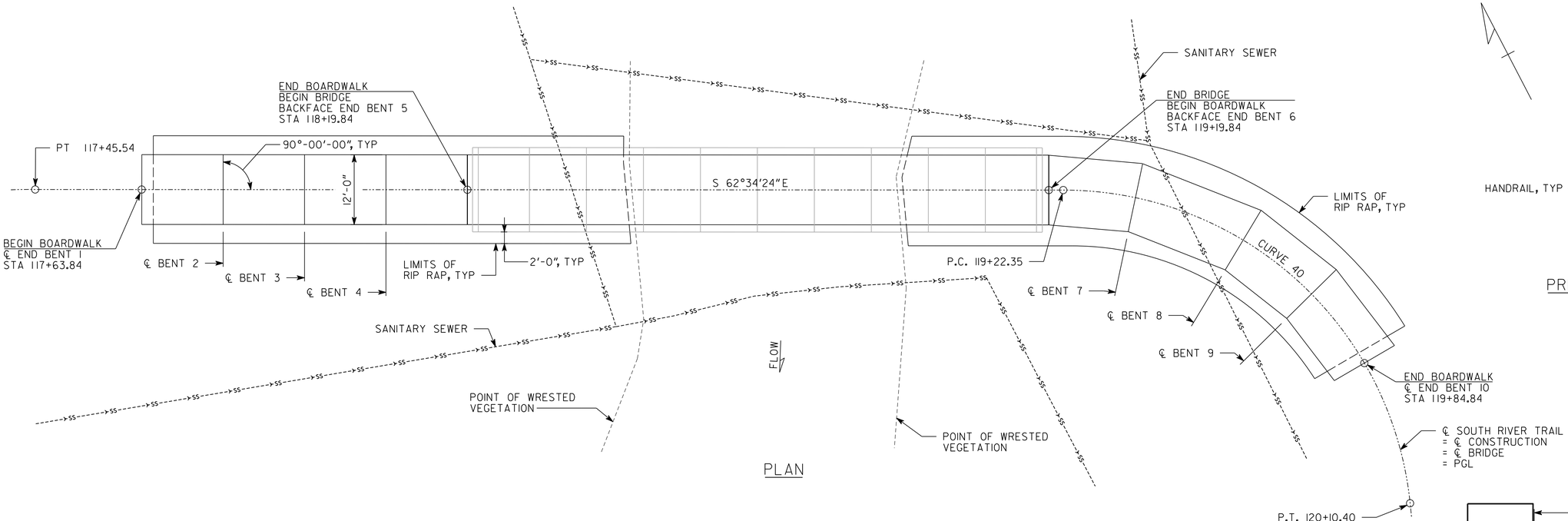
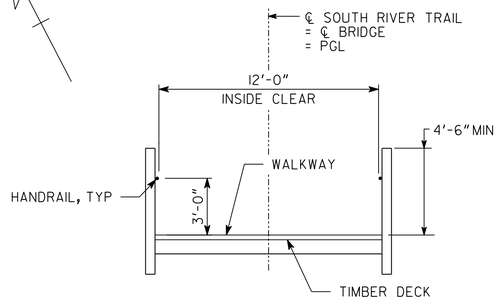
TIME$$$$ DATE$$$$ $USER#

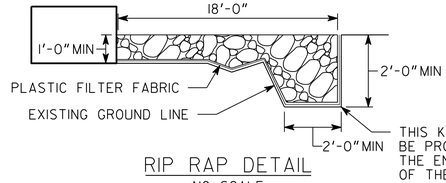
GDOT	P.I. NO.
	0009029



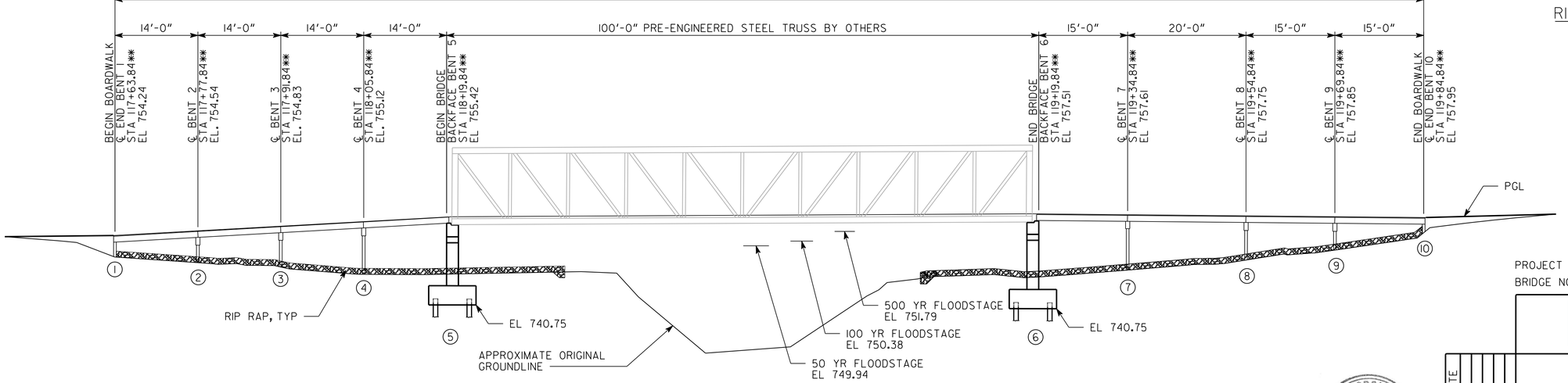
PLAN



PRE-ENGINEERED BRIDGE SECTION
NO SCALE



RIP RAP DETAIL
NO SCALE



ELEVATION

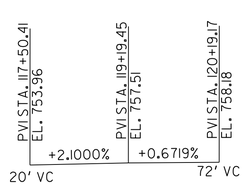
HANDRAIL NOT SHOWN FOR CLARITY

NOTES:

1. ALL BENTS ARE PARALLEL.
2. THE PROPOSED BRIDGE WILL HAVE A FLAT CROSS SLOPE.
3. STATIONS AND ELEVATIONS ARE ALONG PROFILE GRADE LINE AT INTERSECTION OF PROFILE GRADE LINE AND BACKFACE OR ℄ BENT.
4. SEE DRAWING NO 38-0002, 38-0003 AND 38-0004 FOR BOARDWALK DETAILS.

CURVE 40
PI STA = 119+76.45
N = 1339653.0958
E = 2271590.5258
Δ = 84°-04'-45.1" (RT)
D = 95°-29'-34.68"
T = 54.10
L = 88.05
R = 60.00
E = 20.79

HORIZONTAL CURVE DATA



VERTICAL CURVE DATA

GEORGIA REGISTERED No. 16762 PROFESSIONAL ENGINEER MARK WILLIAM HOLMBERG
1/30/19

PROJECT P.I. NO. 0009029
BRIDGE NO. 2

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD • BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770) 424-1668

DEKALB COUNTY & PATH FOUNDATION

PLAN AND ELEVATION
BRIDGE 2 OVER COBB CREEK
SOUTH RIVER TRAIL - PHASE 5

DEKALB COUNTY 0009029

SCALE: 1"= 10'-0" JANUARY 2019

DESIGNED	JH	CHECKED	MWH	REVIEWED	SKG
DRAWN	DP	DESIGN GROUP		APPROVED	WMD

DRAWING NO. 35-0004

BRIDGE SHEET 1 OF 3

BY	REVISIONS	DATE

1 INCH WHEN PRINTED FULL SIZE

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BRIDGE CONSISTS OF

1 - 100'-0" X 12'-0" PRE-ENGINEERED STEEL TRUSS SPAN, --- SPECIAL DESIGN (TIMBER DECK)

2 - CONCRETE INTERMEDIATE BENTS ---------- SPECIAL DESIGN

BAR BENDING DETAILS ---------- GA. STD. 3901 (8-69)

TYPICAL FILL DETAIL AT END OF BRIDGE ---------- GA. STD. 9037 (9-99)

DRAINAGE DATA

DRAINAGE AREA ---------- 19.64 SQ MILES

UNNAMED TRIBUTARY FLOOD STAGE

FLOOD FREQUENCY	TOTAL DISCHARGE	MEAN VELOCITY	AREA OF OPENING UNDER FLOODSTAGE	BACKWATER
50 YEAR	7154 CFS	7.44 FPS	962 SQ FT	0.07 FT
100 YEAR	7893 CFS	7.41 FPS	1065 SQ FT	0.09 FT
500 YEAR	10627 CFS	7.64 FPS	1390 SQ FT	0.00 FT

UTILITIES

NO UTILITIES ON BRIDGE

GENERAL NOTES

SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2013 EDITION, AND 2016 SUPPLEMENTAL SPECIFICATIONS, AS MODIFIED BY CONTRACT DOCUMENTS.

REINFORCING STEEL - PLACE AND TIE ALL REINFORCING STEEL IN ACCORDANCE WITH THE GEORGIA DOT SPECIFICATIONS. DO NOT WELD REINFORCING STEEL. MAINTAIN 2" CLEARANCE ON ALL REINFORCEMENT UNLESS OTHERWISE NOTED.

CHAMFER - CHAMFER ALL EXPOSED CONCRETE EDGES 3/4" UNLESS OTHERWISE NOTED.

PLAN DRIVING OBJECTIVE - AT EACH BENT, DRIVE ALL PILES TO THE DRIVING RESISTANCE AFTER ACHIEVING THE MINIMUM PILE TIP ELEVATION.

BENT NUMBER	DRIVING RESISTANCE (KIPS)	MINIMUM PILE TIP ELEVATION
5	271	725.00
6	273	724.00

DRIVING RESISTANCE - DETERMINE DRIVING RESISTANCE FOR PILES USING DYNAMIC PILE TESTING IN ACCORDANCE WITH SPECIAL PROVISION 520. DYNAMIC PILE TESTING SHALL BE REQUIRED FOR BENT 5 LEFT AND BENT 6 RIGHT.

DYNAMIC PILE TESTING - PERFORM PILE TESTING USING THE PILE DRIVING ANALYZER (PDA) IN ACCORDANCE WITH SPECIAL PROVISION SECTION 523. NOTIFY THE GEOTECHNICAL BUREAU OF THE GEORGIA DOT OFFICE OF MATERIALS AND TESTING AT 404-608-4720 TWO WEEKS PRIOR TO DRIVING PILES.

WAVE EQUATION - PERFORM WAVE EQUATION ANALYSIS (WEAP) IN ACCORDANCE WITH SPECIAL PROVISION 520. PROVIDE RESULTS OF THE WEAP TO THE GEOTECHNICAL BUREAU OF THE GEORGIA DOT OFFICE OF MATERIALS AND TESTING FOR REVIEW AND APPROVAL TWO WEEKS PRIOR TO DRIVING PILES.

VIBRATION MONITORING - THE PROJECT ENGINEER SHOULD CONTACT THE GEOTECHNICAL BUREAU OF THE GEORGIA DOT OFFICE OF MATERIALS AND TESTING AT 404-608-4720 TWO WEEKS PRIOR TO DRIVING PILES.

STEEL H-PILES - USE STEEL FOR H-PILES THAT MEETS THE REQUIREMENTS OF ASTM A 709 GR 50.

PILE LENGTHS - ERRATIC PILE LENGTHS CAN BE EXPECTED.

PILOT HOLES - PILOT HOLES ARE REQUIRED FOR THE TWO LEFT PILES AT BENT 6, DRILL 24" DIAMETER PILOT HOLES TO MINIMUM TIP ELEVATION OF 724 AND FILL PILOT HOLES TO BOTTOM OF FOOTING WITH CLASS A CONCRETE. SHOULD BENT 6 RIGHT PILES FAIL TO OBTAIN MINIMUM TIP ELEVATION SHOWN, REMOVE DRIVEN PILES PER SPECIAL PROVISION 520 AND DRILL 24" DIAMETER PILOT HOLES TO MINIMUM TIP ELEVATION OF 724. FILL PILOT HOLES TO BOTTOM OF FOOTING WITH CLASS A CONCRETE.

PILE POINTS - REINFORCE ALL PILE TIPS AT BENT 5 AND BENT 6 IN ACCORDANCE WITH SECTIONS 520 AND 855 OF THE GEORGIA DOT SPECIFICATIONS.

ANCHOR BOLTS - PLACE ANCHOR BOLTS IN FORMED 3" DIAMETER 15" DEEP HOLES AND GROUT IN PLACE AS PER SUB-SECTION 501.3.05.B.3 OF THE GEORGIA DOT SPECIFICATIONS. STIRRUPS MAY BE SHIFTED TO CLEAR ANCHOR BOLT HOLES.

WELDING - ALL WELDING ON GEORGIA DOT PROJECTS SHALL BE PERFORMED BY CERTIFIED WELDERS THAT HAVE IN THEIR POSSESSION A CURRENT WELDING CERTIFICATION CARD ISSUED BY THE OFFICE OF MATERIALS AND TESTING. USE ONLY E70XX (EXCLUDING E7014 AND E7024) LOW HYDROGEN ELECTRODES FOR MANUAL SHIELDED METAL ARC WELDING.

RIP RAP - RIP RAP QUANTITY INCLUDES TOTAL AMOUNT REQUIRED UNDER TRUSS SPAN AND BOARDWALK SPANS.

INCIDENTAL ITEMS - INCLUDE THE COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND/OR SPECIAL PROVISIONS IN THE OVERALL BID SUBMITTED. THIS INCLUDES THE COST OF WATERPROOFING JOINT FILLERS AND OTHER ITEMS NECESSARY TO COMPLETE THE WORK.

DESIGN DATA

SPECIFICATIONS --- AASHTO LRFD PEDESTRIAN BRIDGE GUIDE SPECIFICATION, 2009

SPECIFICATIONS ---------- AASHTO LRFD 7TH EDITION, 2014

PEDESTRIAN LOADING ---------- 90 PSF

ALTERNATE LOADING ---------- H5

CONCRETE: SUBSTRUCTURE ---------- CLASS AA, f'_c = 3,500 PSI

REINFORCEMENT STEEL ---------- GRADE 60, f_y = 60,000 PSI

STEEL H-PILES: ---------- GRADE 50, f_y = 50,000 PSI

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500-3002	43	CY	CLASS AA CONCRETE
511-1000	5252	LB	BAR REINF STEEL
520-0242	8	EA	H-PILE POINTS, HP 10 X 42
520-1104	160	LF	PILING IN PLACE, STEEL H, HP 10 X 42
520-4104	1	EA	LOAD TEST, STEEL H, HP 10 X 42 (IF REQD)
520-5000	34	LF	PILOT HOLES
523-1100	2	EA	DYNAMIC PILE TEST
534-1000	LUMP	LS	PEDESTRIAN OVERPASS BRIDGE STA 118+19.84
154-1000	LUMP	LS	CONSTRUCTION VIBRATION MONITORING
603-2012	347	SY	STN DUMPED RIP RAP, TP 1, 12 IN
603-7000	347	SY	PLASTIC FILTER FABRIC

BRIDGE NO. 2

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD • BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770) 424-1668

DEKALB COUNTY &
PATH FOUNDATION

GENERAL NOTES
BRIDGE 2 OVER COBB CREEK
SOUTH RIVER TRAIL - PHASE 5

DEKALB COUNTY 0009029

SCALE: NO SCALE JANUARY 2019

DRAWING NO. 35-0005

BRIDGE SHEET 2 OF 3

DESIGNED JH | CHECKED MWH | REVIEWED SKG
DRAWN DP | DESIGN GROUP | APPROVED WMD

REVISIONS | DATE | BY

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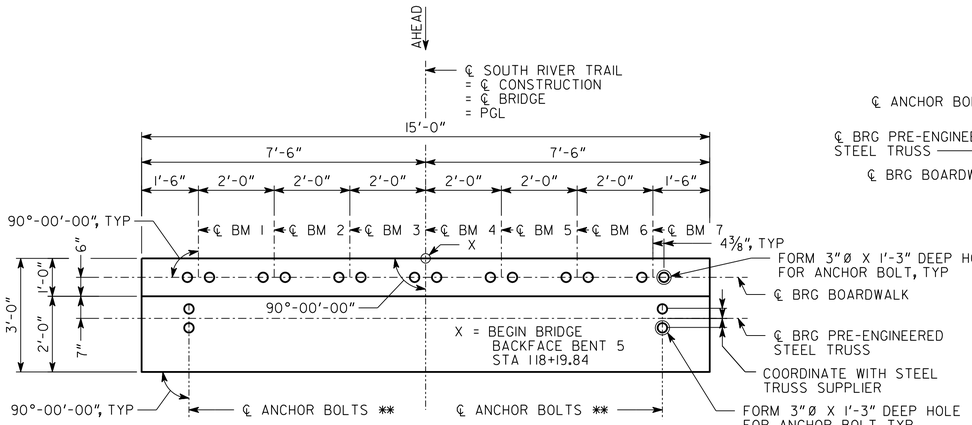
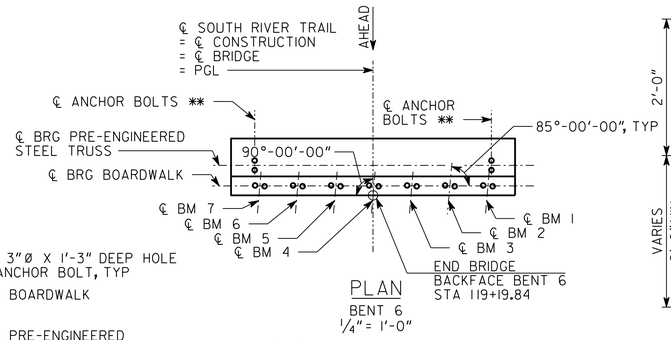
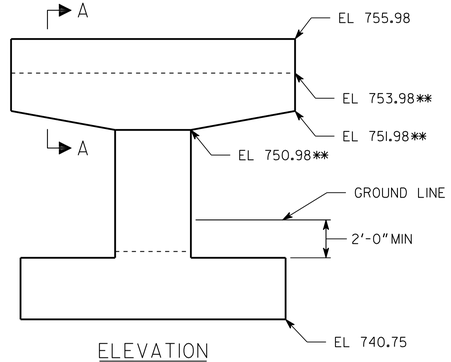


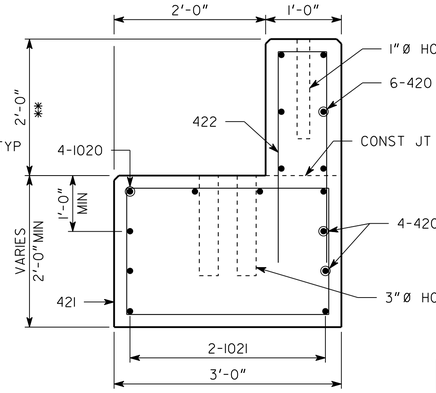
PLAN
BENT 5



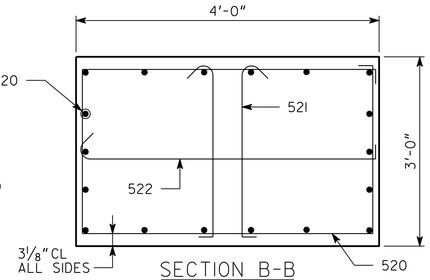
PLAN
BENT 6
¼"= 1'-0"



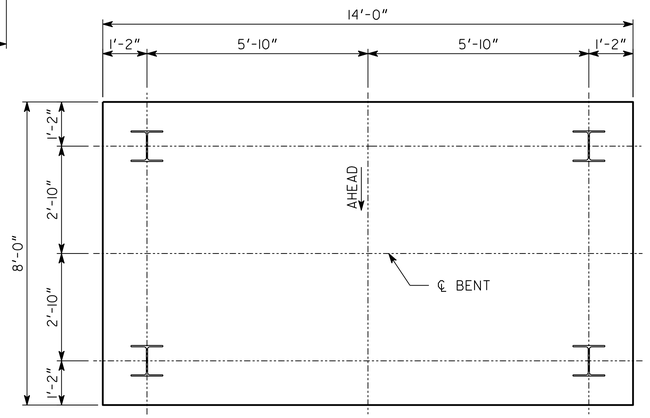
ELEVATION
BENT 6
¼"= 1'-0"
(LOOKING BACK)



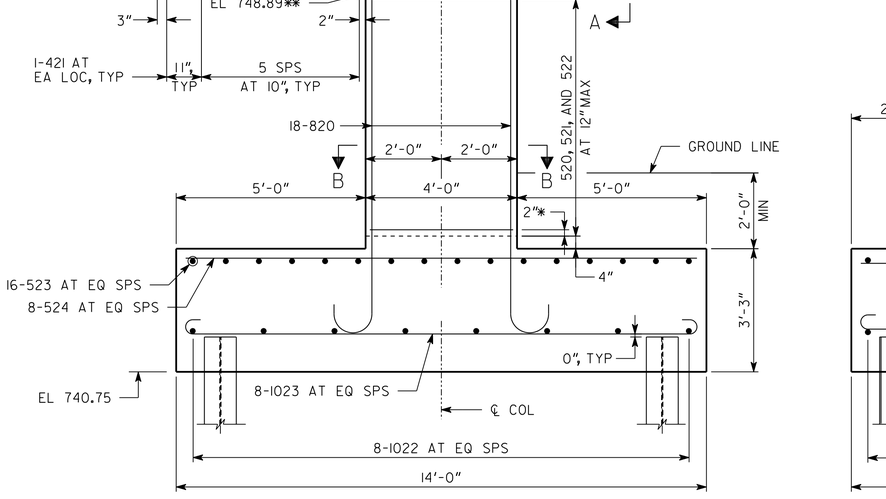
SECTION A-A
1"= 1'-0"



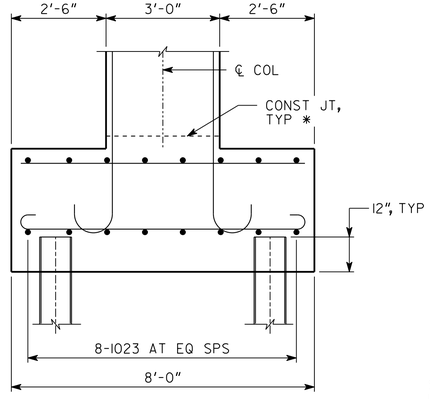
SECTION B-B
1"= 1'-0"



PILE LAYOUT



ELEVATION
BENT 5
(LOOKING BACK)



SIDE ELEVATION

NOTES:

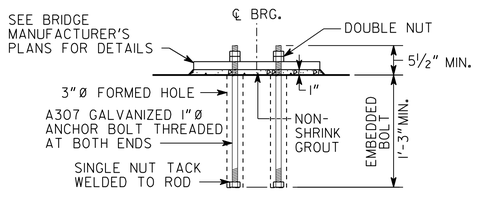
1. BENT CAP IS SYMMETRICAL ABOUT ℄ CAP.
*2. AT CONTRACTORS OPTION CONSTRUCTION JOINT MAY BE RELOCATED TO TOP OF FOOTING.
**3. COORDINATE WITH PRE-ENGINEERED STEEL TRUSS SUPPLIER. REDESIGN BENT IF REQUIRED AT NO COST TO OWNER.
4. PILES ARE DESIGNED FOR THE MAXIMUM FACTORED AXIAL LOAD OF 177 KIPS AND MAXIMUM TRUSS HEIGHT OF 42" FROM TOP OF FINISHED DECK TO BEARING SEAT ELEVATION. IF THE BRIDGE SUPPLIED EXCEEDS THESE LOADS AND DIMENSIONS, THE CONTRACTOR SHALL REDESIGN THE FOUNDATIONS AT NO COST.

ALL PILES SHALL BE STEEL H, HP 10 X 42

PLAN DRIVING OBJECTIVE

ALL PILES SHALL BE DRIVEN TO A DRIVING RESISTANCE OF 273 KIPS AFTER A MINIMUM TIP ELEVATION OF 725 AT BENT 5 AND 724 AT BENT 6 IS ACHIEVED.

SUBSTRUCTURE QUANTITIES		
ITEM	BENT 5	BENT 6
CU YD CLASS "AA" CONCRETE	21.1	22.0
LB BAR REINFORCEMENT STEEL	2,576	2,676



1. PLACE ANCHOR RODS LOOSELY IN FORMED HOLES.
2. GROUT ANCHOR RODS IN PLACE USING NON-SHRINK GROUT.
3. SET BRIDGE.

ANCHOR BOLT DETAIL
NO SCALE

LOCATION	NO. OF LOC.	MARK	LENGTH FT.	LENGTH IN.	NO. BARS REQ'D.	TYPE	A	G	B FT.	B IN.	C FT.	C IN.	D FT.	D IN.	E FT.	E IN.	F FT.	F IN.	H FT.	H IN.	J FT.	J IN.	K FT.	K IN.	N	θ
BENT 5 OR 6	2	420	14	8	10	1																				
		421	10	5	14	25	4	4	2	8	VARIES															
		422	5	8	16	2			0	8	2	6														
		520	13	0	8	25	4	4	2	6	3	6														
		521	3	6	16	10	4	5	2	6																
		522	4	6	8	10	4	5	3	6																
		523	7	6	16	1																				
		524	13	6	8	1																				
		1020	17	6	4	10	1	1	14	8																
		1021	14	8	2	1																				
		1022	10	4	8	10	1	1	7	6																
		1023	16	4	8	10	1	1	13	6																
BENT 5 ONLY	1	820	11	1	18	9	1		10	2																
BENT 6 ONLY	1	820	13	2	18																					

BRIDGE NO. 2

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DEKALB COUNTY & PATH FOUNDATION

INTERMIEDATE BENT DETAILS
BRIDGE 2 OVER COBB CREEK
SOUTH RIVER TRAIL - PHASE 5
DEKALB COUNTY 0009029

SCALE: ½"= 1'-0", UNLESS OTHERWISE NOTED JANUARY 2019

DRAWING NO. 35-0006
BRIDGE SHEET 3 OF 3

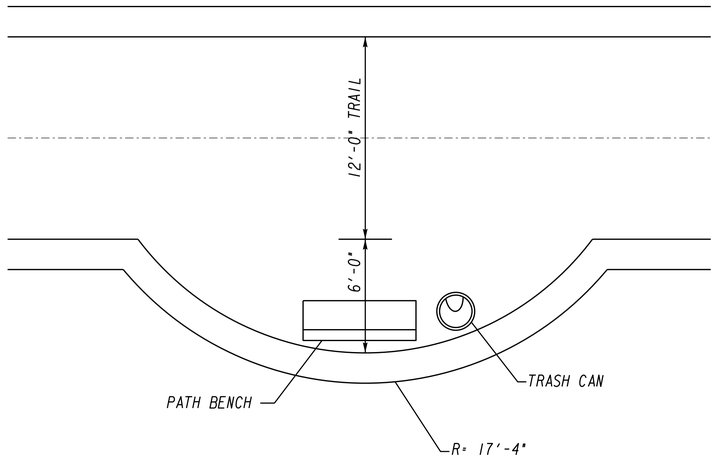
REVISIONS | DATE | BY

DESIGNED JH | CHECKED MWH | REVIEWED SKG
DRAWN DP | DESIGN GROUP | APPROVED WMD

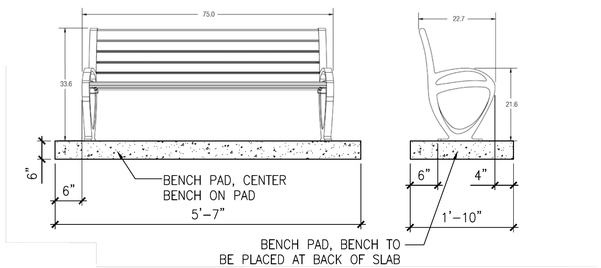
1 INCH WHEN PRINTED FULL SIZE

DGN

TIMEss DATEss #USER#



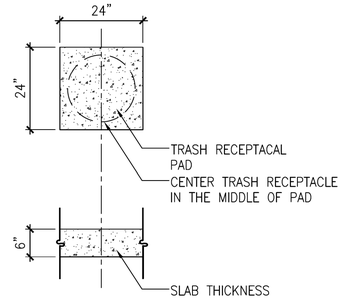
REST AREA DETAILS



NOTES:

1. BENCH TO BE FORMS AND SURFACES TRIO MODEL SBTRO-72BW, SUPERIOR RECREATIONAL PRODUCTS, ULTRA SITE OR APPROVED EQUAL. COLOR TO BE STANDARD ALUMINUM TEXTURE. APPOROVED MANUFACTURES:
*WWW.FORMS-SURFACES.COM, Model noted above
*WWW.WEBCOAT.COM, Model: B4WBCLASSICWINGLINES-POLY
*WWW.ULTRA-SITE.COM, Model: Contour Cantilevered Bench with Back 975-UltraCoat
2. CONTRACTOR TO VERIFY NUMBER OF CENTER ARMREST PRIOR TO ORDERING (0, 1, 2).
3. SURFACE MOUNT PER MANUFACTURES INSTRUCTIONS. ALL HARDWARE TO BE TAMPER PROOF STAINLESS STEEL.
4. LOCATE BY OWNERS REPRESENTATIVE
5. ON AT LEAST ONE END, ALL BENCHES SHALL HAVE A MINIMUM CLEAR AREA OF 2.5 FEET WIDE AND 4.0 FEET DEEP.

PATH BENCH



NOTES:

1. TRASH RECEPTACLE TO BE VICTOR STANLEY STEEL SERIES MODEL RSDC-36 WITH 36 GALLON CAPACITY AND SIDE DOOR, SIDE DEPOSIT FEATURES, SUPERIOR RECREATIONAL PRODUCTS, ULTRA SITE OR APPROVED EQUAL. CONTRACTOR TO PROVIDE COLOR SAMPLES TO PROJECT ENGINEER IN ORDER TO MATCH STANDARD ALUMINUM TEXTURE COLOR OF SOUTH RIVER BENCH AND BIKE RACK PRIOR TO ORDER.
APPROVED MANUFACTURES:
*WWW.VICTORSTANLEY.COM, MODEL NOTED ABOVE
*WWW.WEBCOAT.COM, Model: TR10 BLACK
*WWW.ULTRA-SITE.COM, MODEL: Kensington Receptacle 41-SL
2. CONTRACTOR TO PROVIDE KEYED LOCKS OR LATCHED FOR EACH RECEPTACLE (AVAILABLE FROM MANUFACTURER).
3. ALL FABRICATED METAL COMPONENTS ARE TO BE STEEL SHOT BLASTED, ETCHED, PHOSPHATIZED, PREHEATED, AND ELECTROSTATIC ALLY POWDER -COATED WITH T.G.I.C. POLYESTER POWDER COATINGS, PRODUCTS ARE FULLY CLEANED AND PRETREATED, PREHEATED AND COATED WHILE HOT TO FILL CREVICES AND BUILD COATING FILM. COATED PARTS ARE THEN FULLY CURED TO COATING MANUFACTURER'S SPECIFICATIONS. THE THICKNESS OF THE RESULTING FINISH SHALL AVERAGE 8-10 MILS. HALF-MOON HIGH DENSITY PLASTIC LINER AND RUBBER TIPPED LEVELING FEET TO BE INCLUDED.
4. SURFACES MOUNT PER MANUFACTURERS INSTRUCTIONS. ALL HARDWARE TO BE TAMPER PROOF STAINLESS STEEL.
5. LOCATE BY OWNERS REPRESENTATIVE

SOUTH RIVER TRASH RECEPTACAL

NOTE:

BENCHES SHALL BE INCLUDED IN PAY ITEM 754-5000 (EA).
TRASH CANS SHALL BE INCLUDED IN PAY ITEM 754-4000 (EA).

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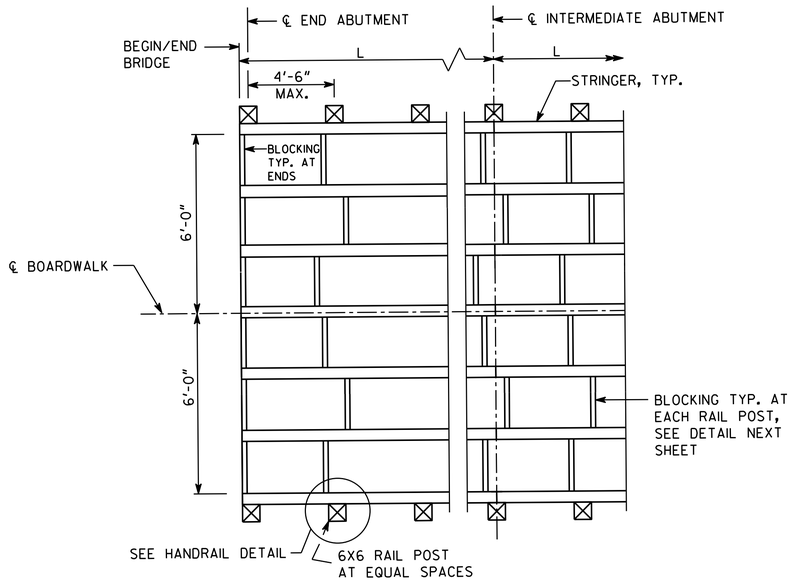
(770)424-1668

REVISION DATES

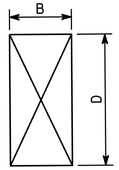
DEKALB COUNTY & PATH FOUNDATION

SPECIAL CONSTRUCTION DETAIL
REST AREAS
SOUTH RIVER TRAIL, PHASE 5

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		38-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		



PLAN



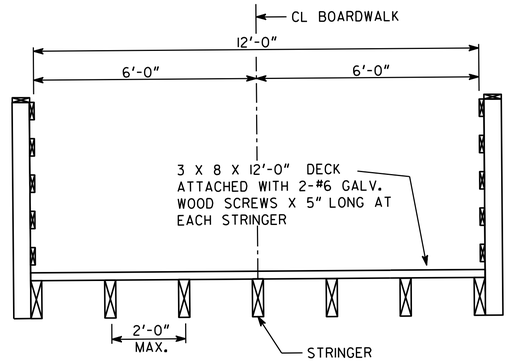
B= NOMINAL STRINGER WIDTH
D= NOMINAL STRINGER DEPTH

STRINGER

STRINGER SELECTION TABLE

NOMINAL STRINGER SIZE (IN) (B X D)	DENSE NO. 1 SOUTHERN PINE				
	MAXIMUM SPAN, L*	MINIMUM BEARING LENGTH (IN)	BLOCKING SIZE (IN)	MINIMUM INTERMEDIATE BENT CAP SIZE (IN)	F_b (NORMAL DURATION) (PSI)
4 X 14	10'-0"	3"	2 X 10	12 X 14	1150
4 X 16	12'-0"	4"	2 X 10	12 X 14	1150
** 5 X 15 1/8	18'-0"	3"	2 X 12	12 X 14	1030 CAP
** 5 X 16 1/2	20'-0"	3"	2 X 12	12 X 16	1030 CAP
** 5 X 17 7/8	24'-0"	3"	2 X 12	12 X 16	1030 CAP
** 5 X 19 1/4	26'-0"	3"	2 X 12	12 X 16	1030 CAP
** 5 X 20 5/8	30'-0"	3"	2 X 12	12 X 16	1030 CAP

* SIMPLE SPAN WITH "L" MEASURED CENTER-TO-CENTER OF BEARINGS. CRUVED SPAN LENGTH MEASURED AT ℄ BOARDWALK.
** ACTUAL FINISHED GLULAM DIMENSIONS, SEE GENERAL NOTE 16



TYPICAL SECTION

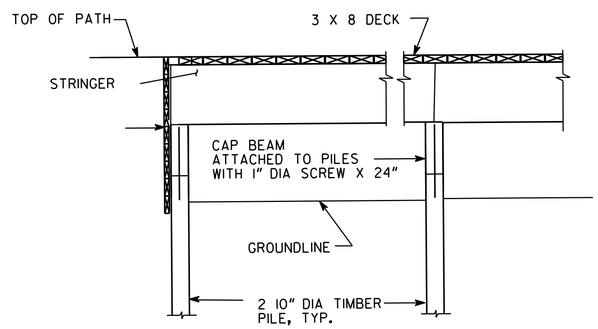
MINIMUM AND ESTIMATED TIMBER PILE TIP ELEVATIONS

BRIDGE 1	MINIMUM TIP EL	ESTIMATED TIP EL	DRIVING RESISTANCE (KIPS)
BENT 1	733	731	5
BENT 2	730	728	14
BENT 5	729	725	14
BENT 6	731	725	5
BRIDGE 2			
BENT 1	727	724	5
BENTS 2, 3, & 4	723	721	14
BENTS 7 & 8	723	720	16 *
BENT 9	736	733	14
BENT 10	735	725	5

* PRE-DRILL PILES FOR BENTS 7 & 8 SPANNING SEWER LINE.

MINIMUM TIMBER PILE EMBEDMENT LENGTH

BOARDWALK 1	MINIMUM EMBEDMENT EMBEDMENT (FT)	DRIVING RESISTANCE (KIPS)
10' SPANS	24'	9
BOARDWALK 2		
12' AND 14' SPANS SOUTH	26'	14
30' SPAN	27'	16
14' SPANS NORTH	27'	14
BOARDWALK 3		
12' AND 14' SPANS	29'	14



ELEVATION

NOTE: HANDRAIL NOT SHOWN FOR CLARITY

GENERAL NOTES

1. THESE DRAWINGS ARE FOR LONGITUDINAL STRINGER/TRANSVERSE DECK TIMBER BRIDGES CONSTRUCTED OF SOUTHERN PINE. THE DESIGNS ARE APPLICABLE FOR 12'-0" WIDE BOARDWALKS WITH CENTER-TO-CENTER SPANS ACCORDING TO STRINGER SELECTION TABLE AND AS NOTED ON PLANS.
2. DESIGNS COMPLY WITH THE AMERICAN WOOD COUNCIL, NATIONAL DESIGN SPECIFICATIONS, (2009 EDITION), AND THE STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES (17TH EDITION, 2002), PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO).
3. BOARDWALKS ARE DESIGNED FOR THE FOLLOWING LOADS:
   VEHICLE: H5 TRUCK PEDESTRIAN: 90 PSF (NO REDUCTION)
   TOP DOWN CONSTRUCTION LOAD: 6600 LB MAXIMUM RUBBER TIRE OR CRAWLER MOUNTED PILE DRIVING CRANE, 14,000 LB MAXIMUM HAMMER AND LEAD WEIGHT AND 50 PSF MAXIMUM CONSTRUCTION LOAD. PROVIDE CRANE MATS TO SPREAD CRANE LOADS TO ALL STRINGERS AND TO PROTECT THE 3X8 TIMBER DECK.
4. IF TOP DOWN CONSTRUCTION LOADS EXCEED THOSE NOTED ABOVE IN NOTE 3, THE CONTRACTOR SHALL REDESIGN TOP DOWN CONSTRUCTED SPANS AT NO COST.
5. ALL LUMBER SHALL BE VISUALLY GRADED NO. 1 DENSE OR BETTER SOUTHERN PINE DIMENSION LUMBER OR TIMBERS AS SPECIFIED.
6. SAWN LUMBER STRINGERS SHALL HAVE THE FOLLOWING PROPERTIES:
   F_b = SEE STRINGER SELECTION TABLE
   Fv = 264 PSI
   E = 1,200,000 PSI
7. THE MAXIMUM THICKNESS OF DECK SHALL BE NO GREATER THAN 1/4 IN. LARGER THAN ITS NOMINAL THICKNESS.
8. VARIATION IN DEPTH BETWEEN STRINGERS SHALL NOT EXCEED 1/4 IN. SO AS TO PROVIDE A FLAT SURFACE ACROSS THE WIDTH OF THE BRIDGE TO ENSURE THE DECK HAS FIRM CONTACT WITH ALL STRINGERS.
9. ALL SOUTHERN PINE SAWN LUMBER, TIMBERS, PILES, AND GLUED LAMINATED BEAMS SHALL BE TREATED IN ACCORDANCE WITH THE REQUIREMENTS OF AWPA STANDARD U1-18 AND THE FOLLOWING USE CATEGORIES AND COMODITY SPECIFICATIONS:
   SAWN LUMBER AND TIMBERS - END BENTS: UC4C
   TIMBERS - INTERMEDIATE BENTS: UC4B
   SAWN LUMBER - STRINGERS: UC4B
   SAWN LUMBER - DECK: UC4B
   ROUND PILES: UC4C
   GLUED LAMINATED BEAMS: UC4B
10. TREATED WOOD SHALL BE INSPECTED AND CERTIFIED IN ACCORDANCE WITH AWPA STANDARD U1-18 - T1(A).
11. STEEL PLATES AND SHAPES SHALL COMPLY WITH THE REQUIREMENTS OF ASTM A36 OR MANUFACTURER'S REQUIREMENTS.
12. BOLTS AND LAG SCREWS SHALL COMPLY WITH THE REQUIREMENTS OF ANSI/ASME STANDARD B18.2.1-1981, GRADE 2.
13. WASHERS SHALL BE PROVIDED UNDER BOLT AND LAG SCREW HEADS AND NUTS THAT ARE IN CONTACT WITH WOOD.
14. ALL STEEL CONNECTIONS AND FASTENERS SHALL BE GALVANIZED IN ACCORDANCE WITH AASHTO M111, AASHTO M232 OR ASTM A709 GRADE 36.
15. THE COST OF ALL CONNECTIONS FOR TIMBER AND GLUED LAMINATED ITEMS SHALL BE INCLUDED IN PRICE BID FOR EACH BOARDWALK. SEE 38-0004 FOR BOARDWALK QUANTITIES.
16. PILES SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 520 OF GDOT STANDARD SPECIFICATIONS AND DRIVEN TO THE NOTED DRIVING RESISTANCE ON THIS DRAWING. DRIVING RESISTANCE SHALL BE VERIFIED BY A REGISTERED GEOTECHNICAL ENGINEER.
17. GLULAM STRINGERS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:
   STRESS CLASS: 16F-V3 D/F HORIZONTAL LAMINATIONS
   ALLOWABLE BENDING STRESS = 1600PSI
   ALLOWABLE SHEAR STRESS 265 PSI
   E = 1,500,000 PSI
18. PRE-DRILLING OF TIMBER PILES MAY BE REQUIRED TO ACHIEVE MINIMUM TIP ELEVATIONS. USE 8" MAXIMUM DIAMETER PRE-DRILL HOLES. NO SEPARATE PAYMENT WILL BE MADE IF CONTRACTOR CHOOSES TO USE PRE-DRILLING.
19. MINIMUM TIMBER PILE PROPERTIES:
   SOUTHERN PINE
   F_b = 2400 PSI
   F_v = 110 PSI
   F_c = 1200 PSI PARALLEL WITH GRAIN
   E = 1,500,000 PSI

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SCALE IN FEET
0 2 4 8

SCALE: 1/2" = 1'-0"

REVISION DATES

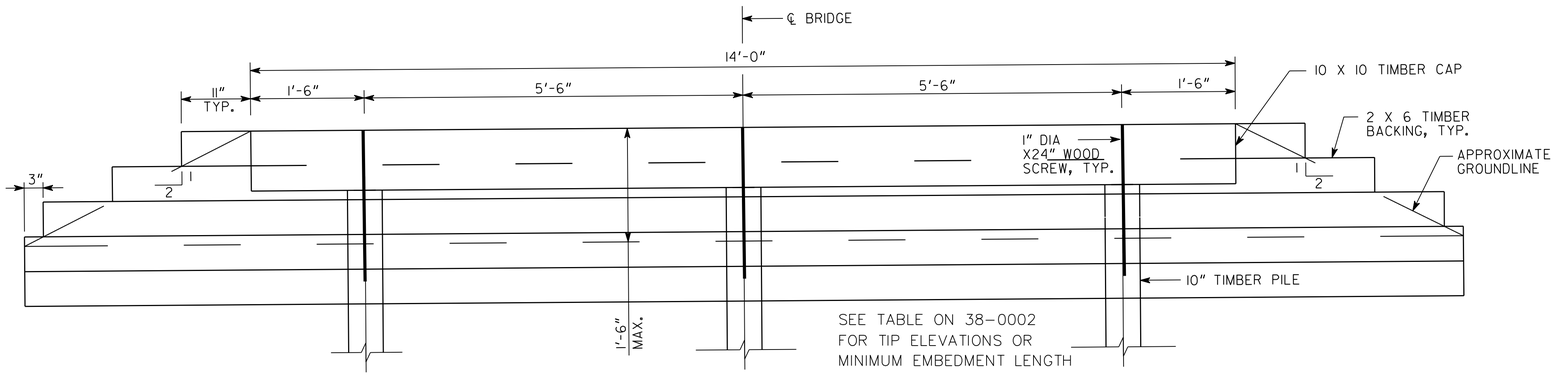
DEKALB COUNTY & PATH FOUNDATION

OFFICE:

BOARDWALK DETAILS 1

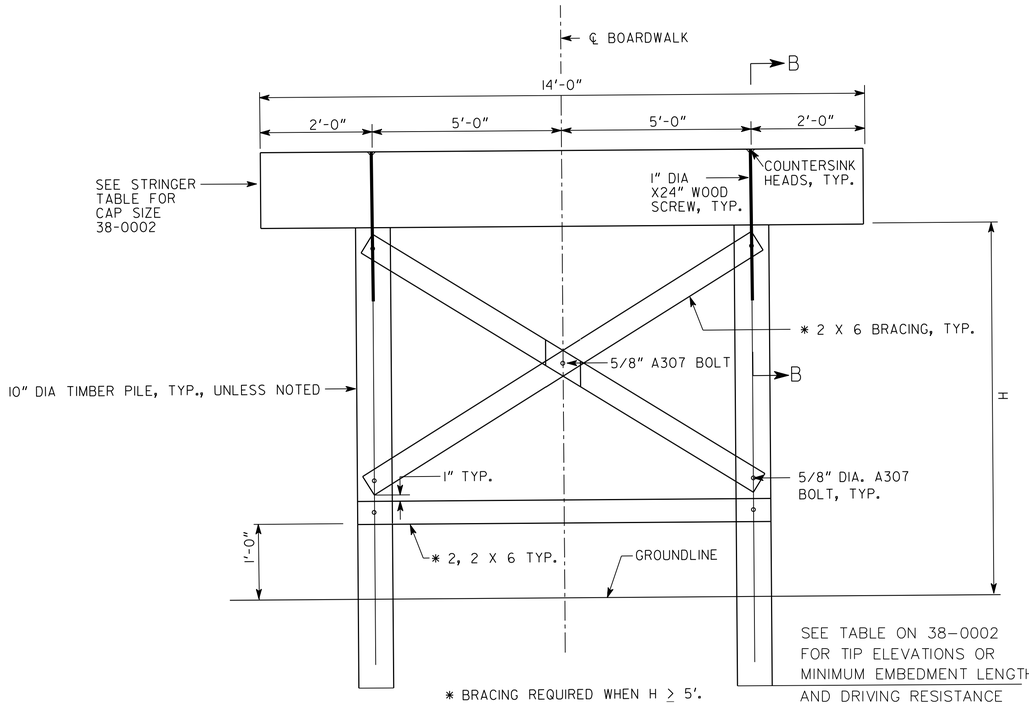
South River Trail, Phase 5

DRAWING No. 38-0002



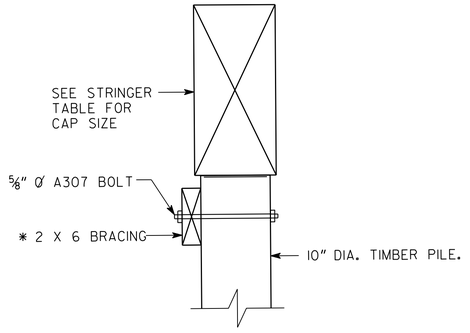
END BENT ELEVATION

NOT TO SCALE



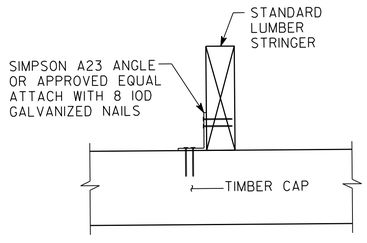
TIMBER INTERMEDIATE BENT ELEVATION

SCALE: 1" = 1'-0"



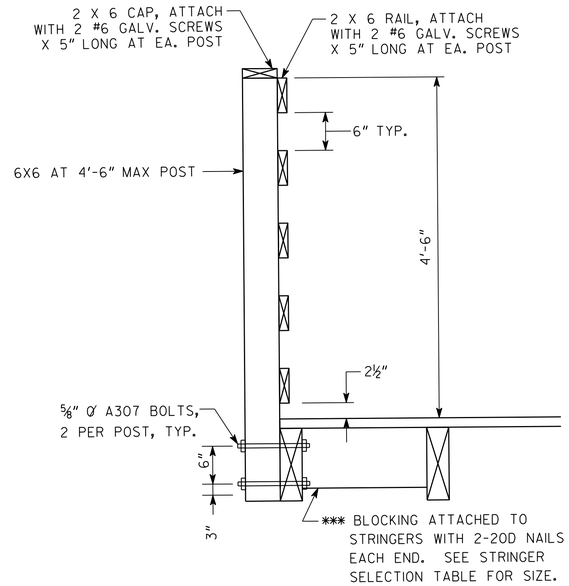
SECTION B-B

SCALE: 1" = 1'-0"



TYPICAL BEARING DETAIL

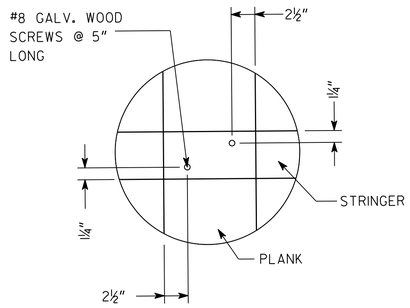
NO SCALE



HANDRAIL DETAIL

NO SCALE

*** ADD ADDITIONAL BLOCKING IN EXTERIOR BAYS WITHIN 6" OF HANDRAIL POST LOCATIONS. LOCATION OF BLOCKING AT 1/3 POINTS MAY BE ADJUSTED TO AVOID POST CONNECTIONS.

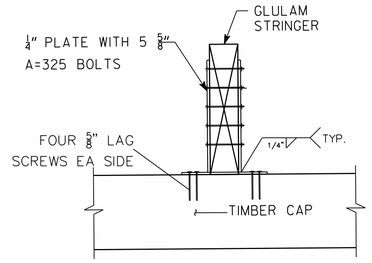


PLANK ATTACHMENT DETAIL

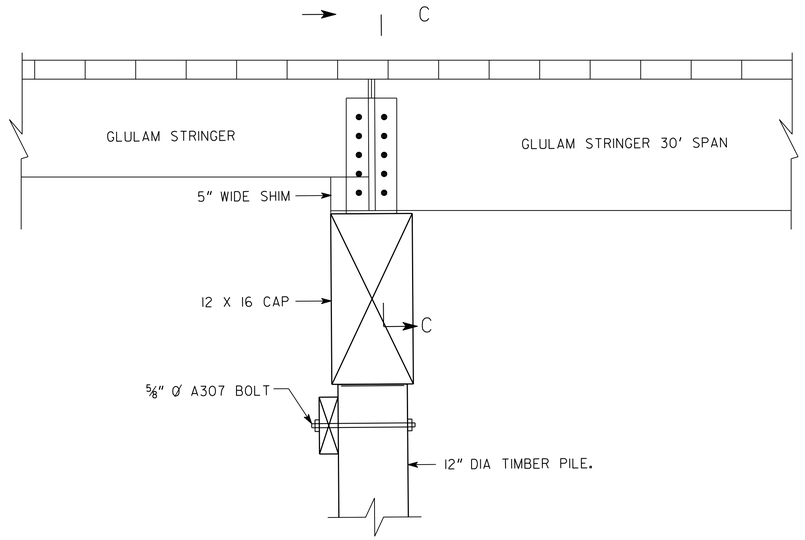
NO SCALE

		Heath & Lineback Engineers INCORPORATED 2390 CANTON ROAD, BUILDING 200 MARIETTA, GEORGIA 30066-5393 (770)424-1668	SCALE IN FEET 0 2 4 8 SCALE: ½" = 1'-0"	REVISION DATES	DEKALB COUNTY & PATH FOUNDATION OFFICE: BOARDWALK DETAILS 3 South River Trail, Phase 5	DRAWING No. 38-0003

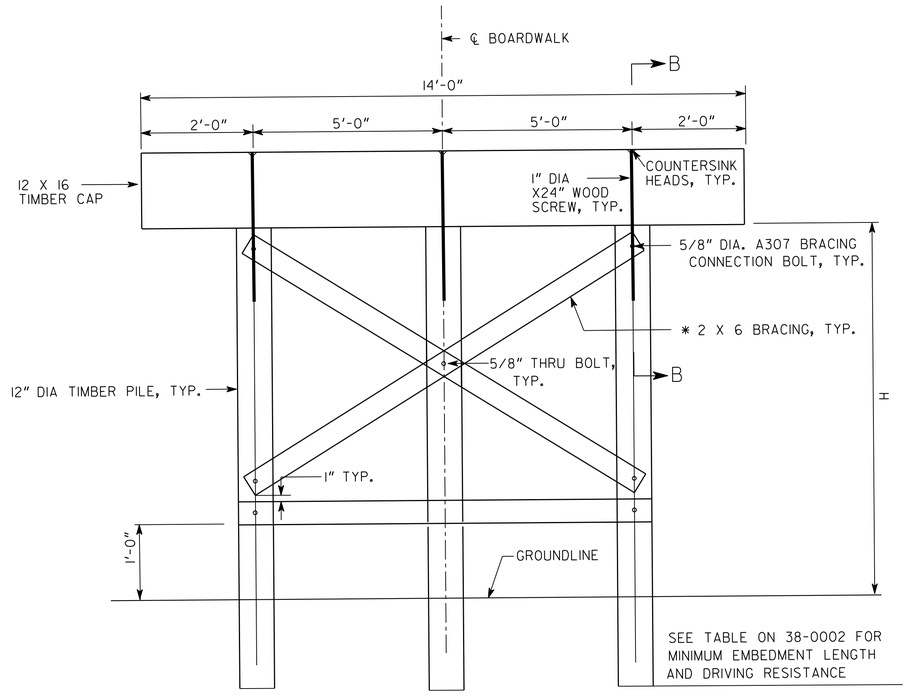
	PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
BOARDWALK 1	502-1200	83	MBM	BRIDGE TIMBER, TREATED
	520-2500	5200	LF	PILING, TIMBER - TREATED
APPROACHES, BR 1	502-1200	5.5	MBM	BRIDGE TIMBER, TREATED
	502-1500	6.0	MBM	BRIDGE TIMBER, GLUED LAMINATED
	520-2500	240	LF	PILING. TIMBER - TREATED
BOARDWALK 2	502-1200	30	MBM	BRIDGE TIMBER, TREATED
	502-1500	16	MBM	BTIDGE TIMBER, GLUED LAMINATED
	520-2500	1600	LF	PILING, TIMBER - TREATED
BOARDWALK 3	502-1200	14	MBM	BRIDGE TIMBER, TREATED
	502-1500	6.7	MBM	BRIDGE TIMBER, GLUED LAMINATED
	520-2500	812	LF	PILING. TIMBER - TREATED
APPROACHES, BR 2	502-1200	8.0	MBM	BRIDGE TIMBER, TREATED
	502-1500	5.5	MBM	BRIDGE TIMBER, GLUED LAMINATED
	520-2500	560	LF	PILING, TIMBER - TREATED



SECTION C-C
SCALE 1 1/2" = 1'-0"

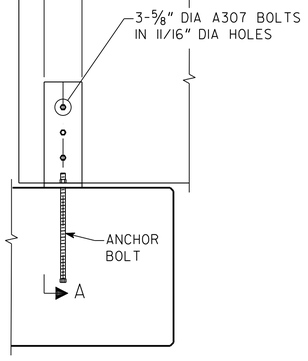


SECTION B-B
SCALE: 1 1/2" = 1'-0"

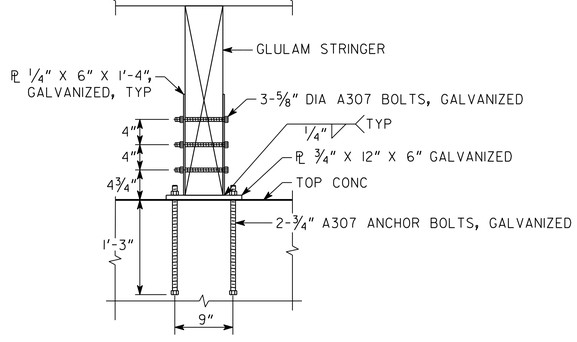


* BRACING REQUIRED WHEN H > 5'.

BOARDWALK 2 30' TIMBER SPAN (INTERMEDIATE BENTS 21 AND 22)
SCALE: 1" = 1'-0"



TYPICAL GLULAM BEAM BEARING AT CONCRETE BENT
2" = 1'-0"



SECTION A-A
2" = 1'-0"

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 2 4 8

SCALE: 1/2" = 1'-0"

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

OFFICE:

BOARDWALK DETAILS 3

South River Trail, Phase 5

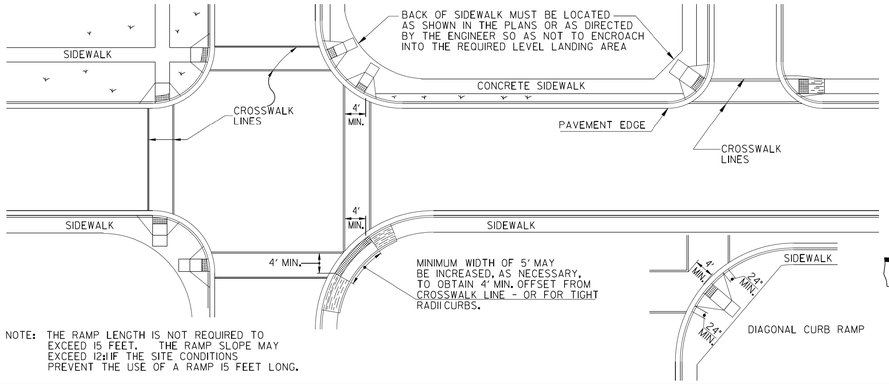
DRAWING No. 38-0004

11/30/2011 GR320E

P. I. No.
0009029

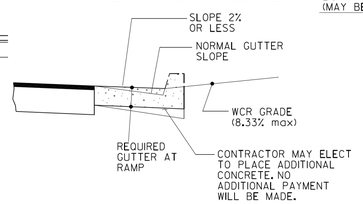
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

TYPICAL LOCATIONS FOR CURB CUT RAMPS - PLAN VIEW

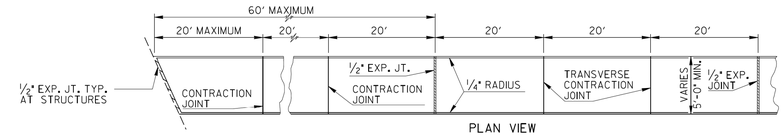


NOTE: THE RAMP LENGTH IS NOT REQUIRED TO EXCEED 15 FEET. THE RAMP SLOPE MAY EXCEED 12:1IF THE SITE CONDITIONS PREVENT THE USE OF A RAMP 15 FEET LONG.

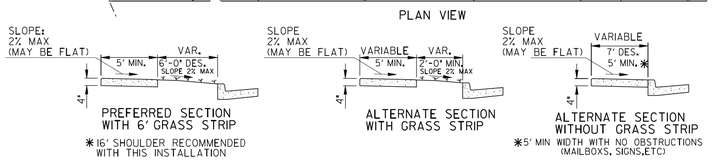
GUTTER TRANSITION DETAIL



CONCRETE SIDEWALK DETAILS



PLAN VIEW



PREFERRED SECTION WITH 6' GRASS STRIP

*16' SHOULDER RECOMMENDED WITH THIS INSTALLATION

ALTERNATE SECTION WITH GRASS STRIP

ALTERNATE SECTION WITHOUT GRASS STRIP

*5' MIN WIDTH WITH NO OBSTRUCTIONS (MAILBOXS, SIGNS,ETC)

7' PREFERRED WIDTH WITH A 2' AREA OF CONTRASTING COLOR & TEXTURE ADJACENT TO THE CURB. (COST OF TEXTURE, COLORING & HOLES REQUIRED FOR MAILBOX AND SIGN POST SHALL BE INCLUDED IN THE PRICE BID FOR SIDEWALK)

NOTES FOR CONCRETE SIDEWALK:

A. CONCRETE TO BE PLACED 4"THICK AND FINISHED WITH TAMPS, WOOD FLOATS AND STIFF-BRISTLE BROOMS.
B. TRANSVERSE CONTRACTION JOINTS SHALL BE PLACED AT 20 FT. INTERVALS. ALL EDGES TO BE ROUNDED TO ¼"RADIUS.
C. ½" EXPANSION JOINTS SHALL BE PLACED, WHERE SIDEWALK TIE INTO A STRUCTURE OR TERMINATE AT CURB, RAMPS OR DRIVEWAYS AND AT 60' INTERVALS.

NOTES FOR CURB CUT RAMPS:

1. CURB CUT RAMPS WILL BE LOCATED AS FOLLOWS UNLESS PLANS OR CONTRACT SPECIFY OTHERWISE.
   a) AT ALL PEDESTRIAN CROSSWALKS WHERE CURB IS CONSTRUCTED OR REPLACED.
   b) WHERE THE SIDEWALK, CONCRETE OR UNPAVED, IS INTERRUPTED BY THE CURB AT TURNOUTS OR AT INTERSECTIONS.
   c) AT OTHER LOCATIONS SUCH AS HOSPITALS, NURSING HOMES, REST AREAS, ETC.. WHERE THE CURB WOULD OTHERWISE BE AN OBSTRUCTION TO THE PHYSICALLY DISABLED.
2. RAMPS WILL BE CONSTRUCTED FROM CONCRETE. SPECIFICATIONS FOR RAMPS WILL BE THE SAME AS FOR CONCRETE SIDEWALK. RAMPS SHALL HAVE EITHER A ROUGH OR A TEXTURED FINISH.
3. DROP INLETS ARE NOT TO BE LOCATED DIRECTLY IN FRONT OF RAMPS. CATCH BASINS SHOULD BE LOCATED AT LEAST 10 FT. FROM RAMPS WHEN FEASIBLE.
4. WHERE RAMPS ARE LOCATED IN RADII, THE DIMENSIONS SHOWN FOR RAMP WIDTHS AND TAPERS ARE MEASURED PERPENDICULAR TO THE RAMP AND NOT ALONG THE CURVE.
5. WHERE UTILITY STRUCTURES CONFLICT, WHERE SIDEWALK GEOMETRY VARIES, AT SKEWED INTERSECTIONS, OR IN OTHER SPECIAL CASES, THE RAMP DESIGNS MAY BE MODIFIED BY THE DESIGNER OR ENGINEER, PROVIDED THAT THE WIDTH REMAINS A MINIMUM OF 48 INCHES, AND NO SLOPE ON THE ACCESSIBLE PART OF THE RAMP IS STEEPER THAN 12:1.
6. LIN. FT. OF CURB AND GUTTER WILL INCLUDE THE TRANSITIONED CURB IN FRONT OF RAMPS. SQ. YDS. OF CONCRETE SIDEWALK AND CONCRETE MEDIAN PAVING WILL INCLUDE RAMPS. NO ADDITIONAL PAYMENT WILL BE MADE FOR CURB RAMPS. NO ADDITIONAL PAYMENT WILL BE MADE FOR SAWING AND REMOVING EXISTING SIDEWALK OR CURB WHERE NECESSARY FOR RAMP CONSTRUCTION.
7. WHEN A CURB RAMP IS PLACED ON EXISTING PAVEMENT. THE PAVEMENT SHALL BE REMOVED TO PROVIDE A MINIMUM THICKNESS OF 3 INCHES OF CONCRETE AT ALL LOCATIONS. NO SEPARATE PAYMENT WILL BE MADE FOR REMOVAL OF THE PAVEMENT.
8. DETECTABLE WARNING SURFACES ARE REQUIRED ON ALL INTERSECTIONS WITH PUBLIC STREETS, SIGNALIZED COMMERCIAL DRIVEWAYS, AND COMMERCIAL DRIVEWAYS WITH AN AADT OF 25 VPD.

This Detail Replaces Ga Standard 9031W

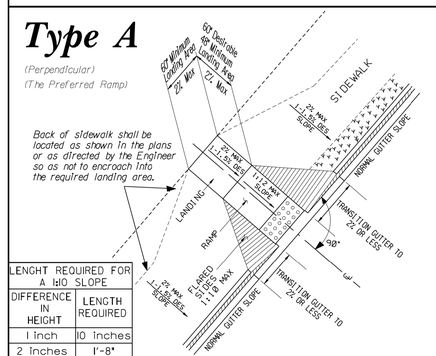
Guidelines For Usage On Metric Projects

When these details are incorporated into plans and or projects that are being prepared or constructed in metric units, exact or precise conversion to metric units is not required. The dimensions shown that are in feet and inches may be converted to corresponding metric units using the following "Rounded-Off" conversion factors: 1"=25mm, 4"=100mm, and 12" or 1'=300mm. All measurement notes that refer to linear feet and square yards shall be interpreted to mean linear meters and square meters.

Type A

(Perpendicular)

(The Preferred Ramp)



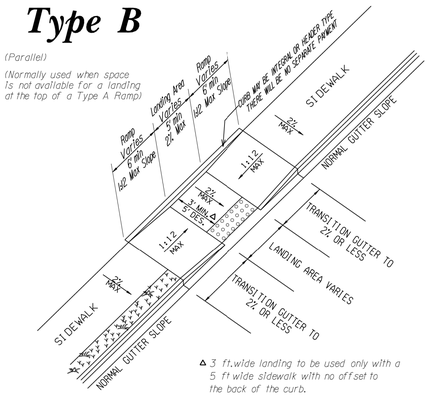
Back of sidewalk shall be located as shown in the plans or as directed by the Engineer so as not to encroach into the required landing area.

LENGHT REQUIRED FOR A 1:10 SLOPE	
DIFFERENCE IN HEIGHT	LENGTH REQUIRED
1 inch	10 inches
2 inches	1'-8"
3 inches	2'-6"
4 inches	3'-4"
5 inches	4'-2"
6 inches	5 feet

Type B

(Parallel)

(Normally used when space is not available for a landing at the top of a Type A Ramp)

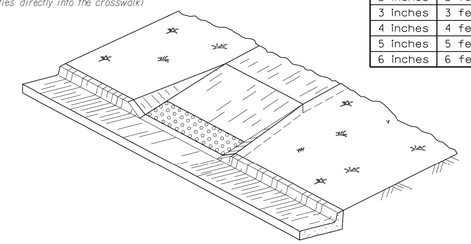


△ 3 ft. wide landing to be used only with a 5 ft wide sidewalk with no offset to the back of the curb.

Type D

(Perpendicular)

(Normally used when the sidewalk ties directly into the crosswalk)

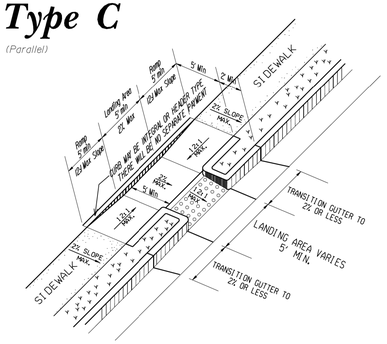


IN AREAS WHERE THE GUTTER HAS A SLOPE 1' IN 1' END NORMAL GUTTER SLOPE AT A DISTANCE OF 6 TO 10 FEET FROM THE RAMP AND BEGIN TRANSITION TO A FLAT GUTTER SLOPE. NORMAL GUTTER SLOPE SHALL BE RESUMED AT A SIMILAR DISTANCE BEYOND THE RAMP.

LENGHT REQUIRED FOR A 1:12 SLOPE	
DIFFERENCE IN HEIGHT	LENGTH REQUIRED
1 inch	1 foot
2 inches	2 feet
3 inches	3 feet
4 inches	4 feet
5 inches	5 feet
6 inches	6 feet

Type C

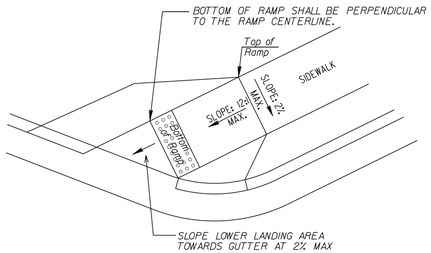
(Parallel)

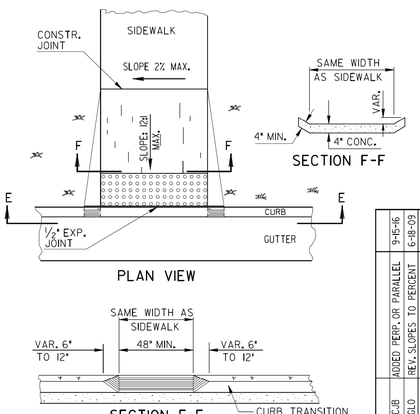


Skewed Ramp Details

(Applies to Type A Type D Ramps Only)

WHEN THE RAMP CENTERLINE IS NOT PERPENDICULAR TO THE CURB A LEVEL LANDING AREA WITH SLOPES LESS THAN 2% MUST BE PROVIDED AT THE BOTTOM OF THE RAMP.





REVISION	DATE
CUB ADDED PERP. OR PARALLEL	9-15-16
GLO REV. SLOPES TO PERCENT	6-18-09
AND ADDED 12:1 & 10:1CHART.	
ADDED GEN. NOTE NO. 8.	5-10-06
GLO REV. TRUNCATED DOMES	2-24-03
REVISED	2-10-03
REVISED	7-29-02
REVISED	5-23-02
REVISED	5-13-02
REVISED	4-29-02
REVISED	4-5-02
REVISED	3-28-02

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

SPECIAL DETAIL
CONCRETE SIDEWALK DETAILS
CURB CUT (WHEELCHAIR) RAMPS

NO SCALE — MARCH 12, 2002

NUMBER A3

7/31/2015 GPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

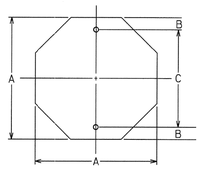
CONSTRUCTION DETAILS

SOUTH RIVER TRAIL, PHASE 5

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		40-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

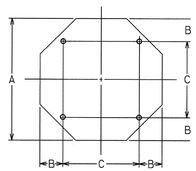
P. I. No.
0009029

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

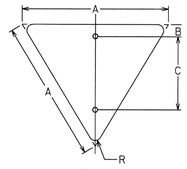


OCTAGON

A	B	C
24	3	18
30	3	24
36	3	30

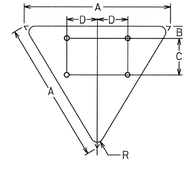


A	B	C
48	9	30

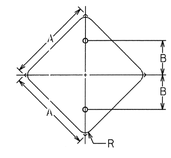


EQUILATERAL TRIANGLE

A	B	C	R
30	3	18	1 1/2
36	3	21	2
48	3	27	3

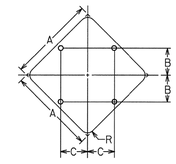


A	B	C	D	R
60	3	18	15	3



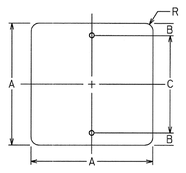
DIAMOND

A	B	R
24	12	1 1/2
30	15	1 7/8
36	18	2 1/4



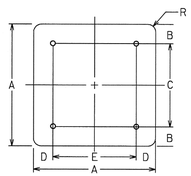
A	B	C	R
*36	10	10	2 1/4
48	15	15	3
60	18	18	3 3/4

* FOR TWO POST ERECTION

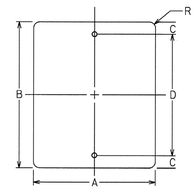


SQUARE

A	B	C	R
18	3	12	1 1/2
24	3	18	1 1/2
30	3	24	1 7/8

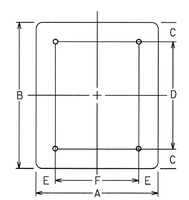


A	B	C	D	E	R
36	6	24	6	24	2 1/4
48	6	36	6	36	3

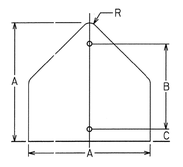


VERTICAL RECTANGLE

A	B	C	D	R
12	18	1 1/2	15	1 1/2
18	24	3	18	1 1/2
24	30	3	24	1 1/2
30	36	3	30	1 7/8

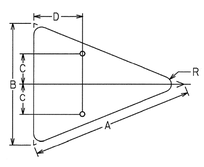


A	B	C	D	E	F	R
36	48	6	36	6	24	2 1/4
48	60	6	48	9	30	3



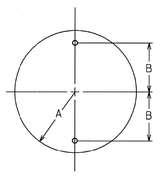
PENTAGON

A	B	C	R
30	21	3	1 7/8
36	24	3	2 1/4



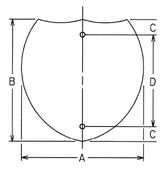
ISOSCELES TRIANGLE

A	B	C	D	R
40	30	7 1/2	12	1 7/8
48	36	9	15	2 1/4



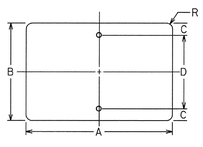
CIRCLE

A	B
15	12
18	15



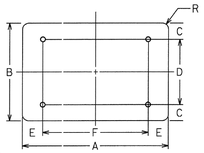
INTERSTATE SHIELD

A	B	C	D
24	24	3	18
30	24	3	18
36	36	6	24
45	36	6	24



HORIZONTAL RECTANGLE

A	B	C	D	R
21	15	1 1/2	12	1 1/2
24	12	1 1/2	9	1 1/2
24	18	3	12	1 1/2
30	15	1 1/2	12	1 1/2
30	24	3	18	1 1/2
36	12	1 1/2	9	1 1/2
36	24	3	18	1 1/2
48	12	1 1/2	9	1 1/2
48	24	3	18	1 7/8



A	B	C	D	E	F	R
48	36	6	24	9	30	2 1/4
60	24	3	18	12	36	1 1/2
60	36	6	24	12	36	2 1/4

DATE	REVISIONS

GEORGIA DEPARTMENT OF TRANSPORTATION
OFFICE OF TRAFFIC SAFETY & DESIGN

DETAILS OF SIGN PLATES

NO SCALE JANUARY 2000

PCBOT8

T-1

\\DISK1\pr plates.dgn Jan 10, 2003 15:10:16

7/31/2015 GPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES		

DEKALB COUNTY & PATH FOUNDATION

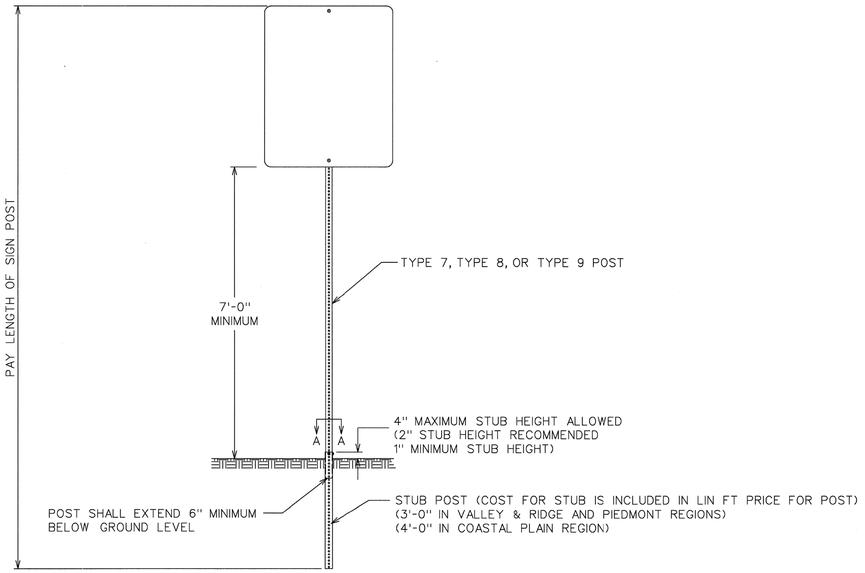
CONSTRUCTION DETAILS

SOUTH RIVER TRAIL, PHASE 5

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		40-0002
CORRECTED:		DATE:		
VERIFIED:		DATE:		

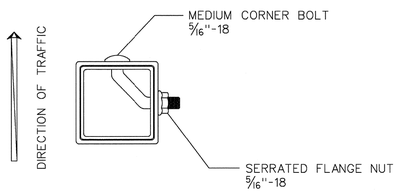
P. I. No.
0009029

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



FRONT VIEW

POST	STUB SIZE
TYPE 7	2¼" x 2¼"
TYPE 8	2¾" x 2¾"
TYPE 9	2½" x 2½"



SECTION A-A

SIGN POST SELECTION CHART

70 MPH Wind Load Chart + 15% Gust Factor

	SLIP BASE NOT REQUIRED				GROUND MOUNTED BREAKAWAY SIGN SUPPORT REQUIRED				
	TYPE 7 2"14 ga.		TYPE 9 2-1.4"14 ga	TYPE 8 2-1/2"12 ga.	TYPE 8 2-1/2"12 ga.		TYPE 8 w/TYPE 9 Insert* 2-1/2"12 ga. W/2-1.4"14 ga.		
Sign Centroid	1 Post	2 Post	1 Post	1 Post	2 Post	3 Post	1 Post	2 Post	3 Post
	SQUARE FOOTAGE				SQUARE FOOTAGE				
6'	13.50	27.00	19.25	30.00	60.00	90.00	49.25	98.50	147.75
7'	11.60	23.20	16.50	25.75	51.50	77.25	42.25	84.50	126.75
8'	10.15	20.30	14.45	22.55	45.10	67.65	37.00	74.00	111.00
9'	9.00	18.00	12.85	20.00	40.00	60.00	32.85	65.70	98.55
10'	8.10	16.20	11.55	18.00	36.00	54.00	29.55	59.10	88.65
11'	7.40	14.80	10.50	16.40	32.80	49.20	26.90	53.80	80.70
12'	6.80	13.60	9.65	15.00	30.00	45.00	24.65	49.30	73.95
13'	6.25	12.50	8.90	13.85	27.70	41.55	22.75	45.50	68.25
14'	5.80	11.60	8.25	12.90	25.80	38.70	21.15	42.30	63.45
15'	5.00	10.00	6.45	10.10	20.20	30.30	16.55	33.10	49.65
16'	4.70	9.40	6.05	9.45	18.90	28.35	15.50	31.00	46.50
17'	4.40	8.80	5.70	8.90	17.80	26.70	14.60	29.20	43.80
18'	4.15	8.30	5.40	8.40	16.80	25.20	13.80	27.60	41.40
19'	3.95	7.90	5.10	7.95	15.90	23.85	13.05	26.10	39.15
20'	3.75	7.50	4.85	7.55	15.10	22.65	12.40	24.80	37.20

SIGN CENTROID IS DISTANCE FROM GROUND LEVEL TO BOTTOM OF SIGN *PLUS* HALF THE HEIGHT OF SIGN.
EXAMPLE: 24" X 48" SIGN THAT IS 7 FEET FROM GROUND TO BOTTOM OF SIGN. ADD HALF OF 48" (24" OR 2 FT) *PLUS* 7 FT. = 9' CENTROID.

SIGN PLATE SHALL NOT EXCEED 48" IN WIDTH ON A SINGLE POST.

* TYPE 9 INSERT SHALL BE A CONTINOUS POST INSERTED INTO THE TYPE 8 POST WHERE REQUIRED. THE INSERT POST SHALL EXTEND FROM THE BOTTOM OF THE SLIP BASE UPPER ASSEMBLY TO 4" BELOW THE BOTTOM OF THE SIGN. THE INSERT POST SHALL NOT EXTEND ABOVE THE BOTTOM OF THE SIGN. PAYMENT FOR THE INSERT POST SHALL BE PER LINEAR FOOT OF TYPE 9 POST.

GROUND MOUNTED BREAKAWAY SIGN SUPPORT WILL BE MEASURED AND PAID FOR SEPARATELY. THE COST FOR THIS WORK SHALL INCLUDE THE UPPER AND LOWER ASSEMBLY, STUB POST, CLASS "A" CONCRETE, ALL HARDWARE NECESSARY TO COMPLETE THE INSTALLATION, AND BE INCLUDED IN THE BID PRICE SUBMITTED FOR ITEM 636-3010.

DATE	REVISIONS

GEORGIA DEPARTMENT OF TRANSPORTATION
OFFICE OF TRAFFIC SAFETY & DESIGN

TYPE 7, 8, AND 9
SQUARE TUBE POST
INSTALLATION DETAIL

NO SCALE JULY 2002

T-3A

PCBDTB

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7/31/2015 GPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES		

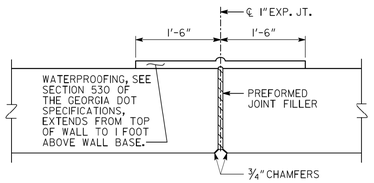
DEKALB COUNTY & PATH FOUNDATION

CONSTRUCTION DETAILS

SOUTH RIVER TRAIL, PHASE 5

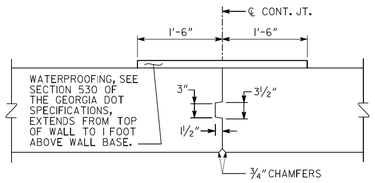
CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		40-0003
CORRECTED:		DATE:		
VERIFIED:		DATE:		

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



DETAIL OF EXPANSION JOINT

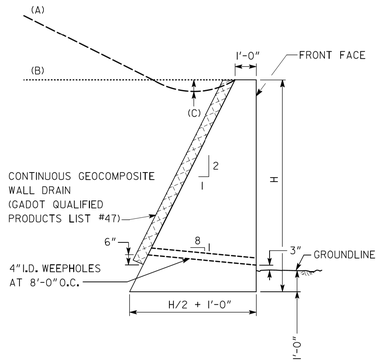
SEE GENERAL NOTE #3



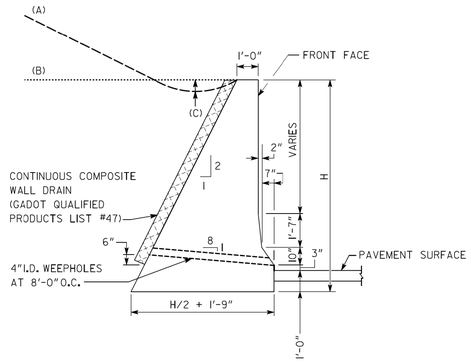
DETAIL OF CONTRACTION JOINT

SEE GENERAL NOTE #3

(A) - SLOPED BACKFILL WITH DITCH
(B) - FLAT BACKFILL
(C) - DITCH DEPTH, 6" - 12" TYPICAL
SEE PLANS FOR DESIGN

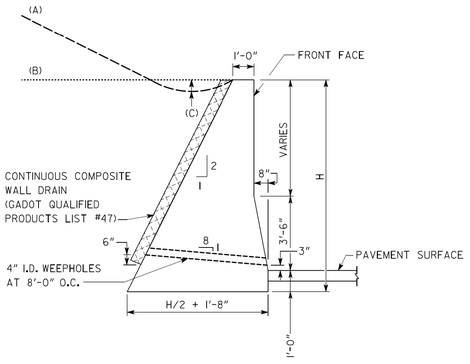


TYPICAL SECTION A



TYPICAL SECTION B

(NEW JERSEY BARRIER FACE)



TYPICAL SECTION C

(SINGLE SLOPE BARRIER FACE)

MAXIMUM "H"*			
BACKSLOPE	TYP. SECTION A	TYP. SECTION B **	TYP. SECTION C **
FLAT	8'-6"	10'-0"	10'-0"
SLOPE TO 4:1	6'-3"	7'-0"	7'-0"
SLOPE TO 2:1	4'-6"	4'-9"	4'-9"

* GREATER "H" PERMITTED IF APPROVED BY BRIDGE DESIGN.

** TYPICAL SECTION B SHALL HAVE A MINIMUM H OF 3'-8"
TYPICAL SECTION C SHALL HAVE A MINIMUM H OF 4'-6"

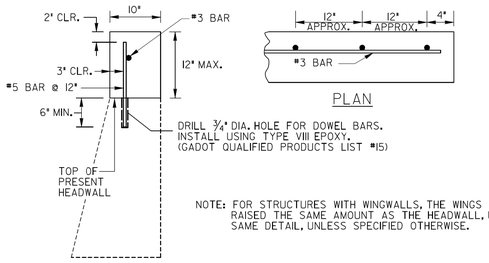
GENERAL NOTES:

1. GRAVITY WALLS SHALL NOT BE USED WHEN HORIZONTAL DISTANCE FROM EDGE OF TRAVEL WAY TO FRONT FACE OF WALL IS LESS THAN (H + 1'0").
2. GRAVITY WALLS DESIGNED FOR THE FOLLOWING SOIL PROPERTIES:

	FOUNDATION	BACKFILL
COHESION =	0 PSF	0 PSF
θ =	28°	28°
UNIT WEIGHT =	120 PCF	120 PCF

3. EXPANSION JOINTS SHALL BE LOCATED AT A MAXIMUM SPACING OF 90'-0" AND EXTEND THROUGH THE WALL. CONTRACTION JOINTS SHALL BE LOCATED AT A MAXIMUM SPACING OF 30' - 0".
4. GRAVITY WALLS WITH A VERTICAL FRONT FACE SHALL BE PAID FOR AS "CLASS B CONCRETE OR MORTAR RUBBLE MASONRY, RETAINING WALL". GRAVITY WALLS WITH A BARRIER FRONT FACE SHALL BE PAID FOR AS "CLASS A CONCRETE, RETAINING WALL". WATERPROOFING, JOINT FILLER, WALL DRAIN, AND OTHER INCIDENTAL ITEMS SHALL BE INCLUDED IN OVERALL BID SUBMITTED.
5. A CONCRETE DITCH DETAIL FOR THE TOP OF THE WALL SHOULD BE INCLUDED IN THE ROADWAY PLANS WHEN WATER IS FLOWING TOWARDS THE BACK OF THE WALL. SEE CONSTRUCTION DETAIL D-49.
6. FINISH EXPOSED SURFACES OF THE WALL WITH A TYPE III FINISH.
7. APPLY GRAFFITI PROOF COATING AS PER SECTIONS 500 AND 838 OF THE GEORGIA DOT SPECIFICATIONS.
8. ALL NECESSARY FENCE AND HANDRAIL SHOULD BE INCLUDED IN THE ROADWAY PLANS WHEN APPROPRIATE.
9. GRAVITY WALL TYPICAL SECTIONS A, B, AND C HAVE BEEN DESIGNED PER THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 7TH EDITION, 2014.

DETAIL FOR RAISING HEADWALL

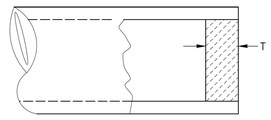


PLAN

SECTION

NOTE: FOR STRUCTURES WITH WINGWALLS, THE WINGS SHALL BE RAISED THE SAME AMOUNT AS THE HEADWALL, USING THIS SAME DETAIL, UNLESS SPECIFIED OTHERWISE.

TYPICAL PIPE PLUG



SECTION

NOTE: PLAN PAY QUANTITIES ARE TO REFLECT PIPE PLUGS AS CU. YDS. OF CL. B CONCRETE. ON CONSTRUCTION PLUGS MAY BE BUILT WITH BRICK MASONRY, MORTAR RUBBLE MASONRY, CL. A CONC., OR CL. B CONC. WITH NO ADJUSTMENT IN PAYMENT MADE FOR ALTERNATES.

D	T (MIN)	PIPE PLUG (CU. YDS.)
12"	8"	0.0194
15"	8"	0.0303
18"	8"	0.0436
24"	8"	0.0776
30"	8"	0.1212
36"	8"	0.1745
42"	8"	0.2376
48"	8"	0.3103
54"	12"	0.5890
60"	12"	0.7272
66"	12"	0.8799
72"	12"	1.0472

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD
GRAVITY WALL TYPICAL SECTIONS, RAISING HEADWALL, AND TYPICAL PIPE PLUG

NO SCALE: REV. & REDR. SEPT, 2016

REVISION DATE BY
REV. & REDR. C.E.W.
CHK. D.D.E.

(SUBMITTED) STATE ROAD & AIRPORT DESIGN ENGR.
(APPROVED) Margaret B Pinelo STATE HIGHWAY ENGINEER

NUMBER 9031L
SHEET 1 OF 2

9031L_Revised_2016-10-25.dgn

7/31/2015 GPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
GEORGIA STANDARDS
SOUTH RIVER TRAIL, PHASE 5

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		41-0001
CORRECTED:		DATE:		
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STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

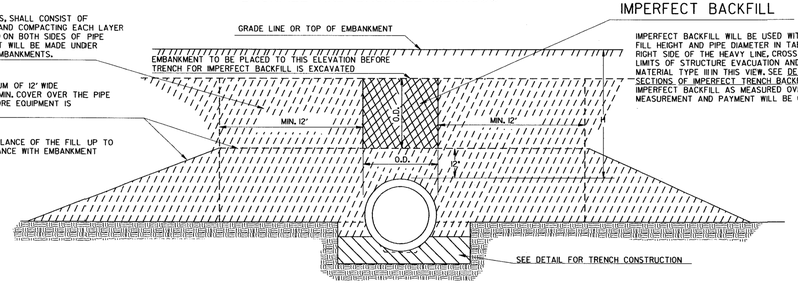
NORMAL BACKFILL

BACKFILL, AS SHOWN BY THE BROKEN LINE SECTIONS, SHALL CONSIST OF PLACING COMPACTABLE SOIL IN 6" (LOOSE) LAYERS AND COMPACTING EACH LAYER (ACCORDING TO GEORGIA STANDARD SPECIFICATIONS) ON BOTH SIDES OF PIPE FOR ITS FULL LENGTH. MEASUREMENT AND PAYMENT WILL BE MADE UNDER ROADWAY EXCAVATION ITEMS FOR FORMATION OF EMBANKMENTS.

NORMAL EMBANKMENT SHALL BE PLACED A MINIMUM OF 12' WIDE ON EACH SIDE OF THE PIPE AND AT LEAST THE MIN. COVER OVER THE PIPE AND COMPACTED TO THE REQUIRED DENSITY BEFORE EQUIPMENT IS ALLOWED TO CROSS.

AFTER BACKFILL HAS BEEN COMPACTED, THE BALANCE OF THE FILL UP TO GRADE LINE SHALL BE CONSTUCTED IN ACCORDANCE WITH EMBANKMENT SPECIFICATIONS

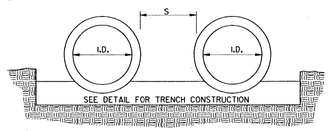
LONGITUDINAL SECTION OF IMPERFECT TRENCH BACKFILL AND BACKFILL METHODS



IMPERFECT BACKFILL

IMPERFECT BACKFILL WILL BE USED WITH CONCRETE PIPE IF FILL HEIGHT AND PIPE DIAMETER IN TABLE NO. I FALLS ON THE RIGHT SIDE OF THE HEAVY LINE. CROSS HATCHED AREA SHOWS LIMITS OF STRUCTURE EXCAVATION AND IMPERFECT BACKFILL MATERIAL TYPE III IN THIS VIEW. SEE DETAILS BELOW CROSS SECTIONS OF IMPERFECT TRENCH BACKFILL FOR LIMITS OF IMPERFECT BACKFILL AS MEASURED OVER THE PIPE LENGTHWISE. MEASUREMENT AND PAYMENT WILL BE CONFINED TO THESE LIMITS.

MULTIPLE PIPE CULVERT SPACING

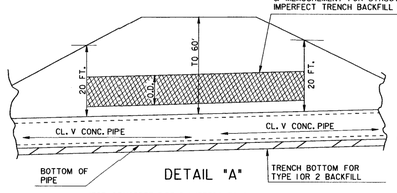


S=ONE INSIDE DIAMETER OF PIPE, OR 3 FEET, WHICHEVER IS SMALLER.
FOR PIPE ARCH CULVERTS, SUBSTITUTE SPAN FOR INSIDE DIAMETER.

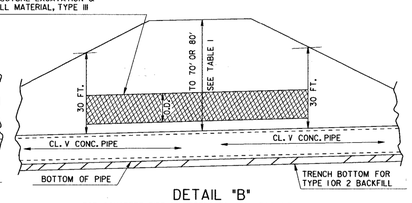
NOTE:
FOR MULTIPLE LINES OF C.M. PIPE WITH METAL FLARED END SECTIONS, S MAY BE INCREASED ENOUGH TO AVOID OVERLAP OF END SECTION WINGTIPS. LOCATION OF METAL END SECTION SHOULD BE DETERMINED BEFORE PLACEMENT OF PIPE.

CROSS SECTIONS OF IMPERFECT TRENCH BACKFILL

CROSS HATCHED AREAS SHOW LIMITS OF CONSTRUCTION & MEASUREMENT FOR STRUCTURE EXCAVATION & IMPERFECT TRENCH BACKFILL MATERIAL, TYPE III

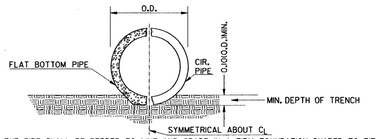


DETAIL "A"
(FOR CONCRETE PIPE DIAMETERS 78" & 84", WITH FILL HEIGHTS OVER 20 FT.)



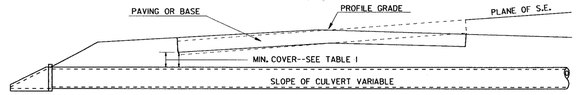
DETAIL "B"
(FOR CONCRETE PIPE DIAMETERS 72" AND LESS WITH FILL HEIGHTS OVER 30 FT.)

TRENCH CONSTRUCTION FOR SIDE DRAIN

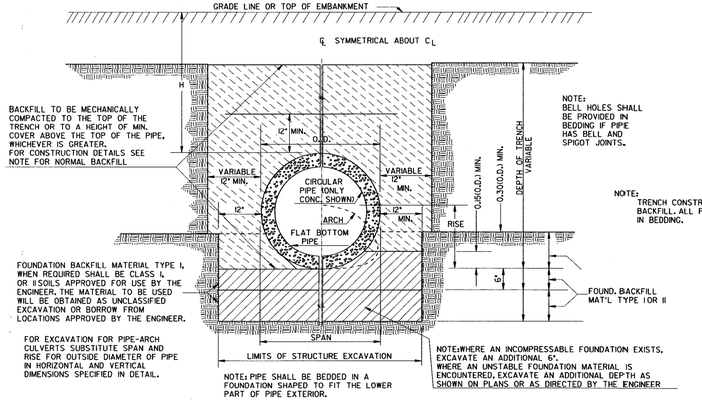


NOTE: THE PIPE SHALL BE BEDDED TO LINE AND GRADE IN A FIRM FOUNDATION SHAPED TO FIT THE LOWER PART OF THE PIPE EXTERIOR. WHERE ROCK EXISTS, EXCAVATE AND BACKFILL WITH COMPRESSABLE MATERIAL (UNCLASSIFIED EXCAVATION) A MINIMUM OF 6" BELOW THE PIPE.

DETAIL SHOWING MINIMUM COVER FOR PIPE CULVERTS



TRENCH CONSTRUCTION FOR STORM DRAIN.



NOTE:
TRENCH CONSTRUCTION IS REQUIRED FOR BOTH NORMAL OR IMPERFECT BACKFILL. ALL PIPES WITH BELL & SPIGOT JOINTS SHALL HAVE BELL HOLES IN BEDDING.

NOTE:

1. FOR FILL HEIGHT TABLES SEE SHEET 2 OF 3 AND SHEET 3 OF 3.
2. ONLY ONE CLASS OR THICKNESS OF PIPE WILL BE SPECIFIED FOR EACH INDIVIDUAL LOCATION. THE CLASS OR THICKNESS WILL BE DETERMINED BY THE MAXIMUM HEIGHT OF FILL.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD
CONCRETE & METAL PIPE CULVERTS
SHEET 1 OF 3
(TRENCH CONSTRUCTION, BEDDING, BACKFILLING)

NO SCALE — REV. & REDR.: SEPT., 2001

DES. ____ (SUBMITTED) STATE ROAD & AIRPORT DESIGN ENGR.
DRW. ____
TRA. ____ (APPROVED) CHIEF ENGINEER
CHK. ____

NUMBER 1030D

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES		

DEKALB COUNTY & PATH FOUNDATION
GEORGIA STANDARDS
SOUTH RIVER TRAIL, PHASE 5

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		41-0002
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

6/18/2007 10:39:20 AM \\GDOT-DGN\GDPEDT\DEF\go_tiff_output.gdt gowens M:\GARY\10300\page 2.prf GU-MUD

TABLE NO.1 ROUND PIPE - CONCRETE - CORRUGATED STEEL - CORRUGATED ALUMINUM
MINIMUM CLASS OF CONCRETE OR MINIMUM THICKNESS OF STEEL AND ALUMINUM

| PIPE DIAMETER (INCHES) | TYPE | MINIMUM COVER (INCHES) | HEIGHT OF FILL IN FEET ABOVE TOP OF PIPE | | |

TABLE NO. 1 R ROUND PIPE - SPIRAL RIB ALUMINUM
MINIMUM THICKNESS OF STEEL AND ALUMINUM

| PIPE DIAMETER (INCHES) | TYPE | MINIMUM COVER (INCHES) | HEIGHT OF FILL (FEET) ABOVE TOP OF PIPE | | |

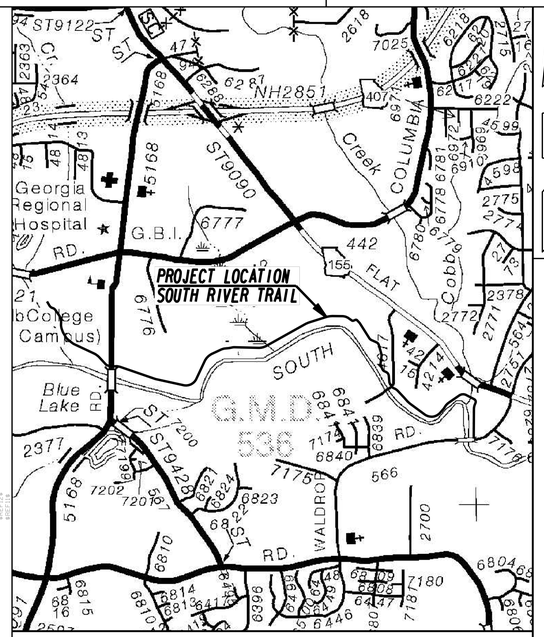
DATE$$$ | $PRF8$ | DGN | Project No.
$USER$ | | GRWCOV | 0009029

DEKALB COUNTY & PATH FOUNDATION

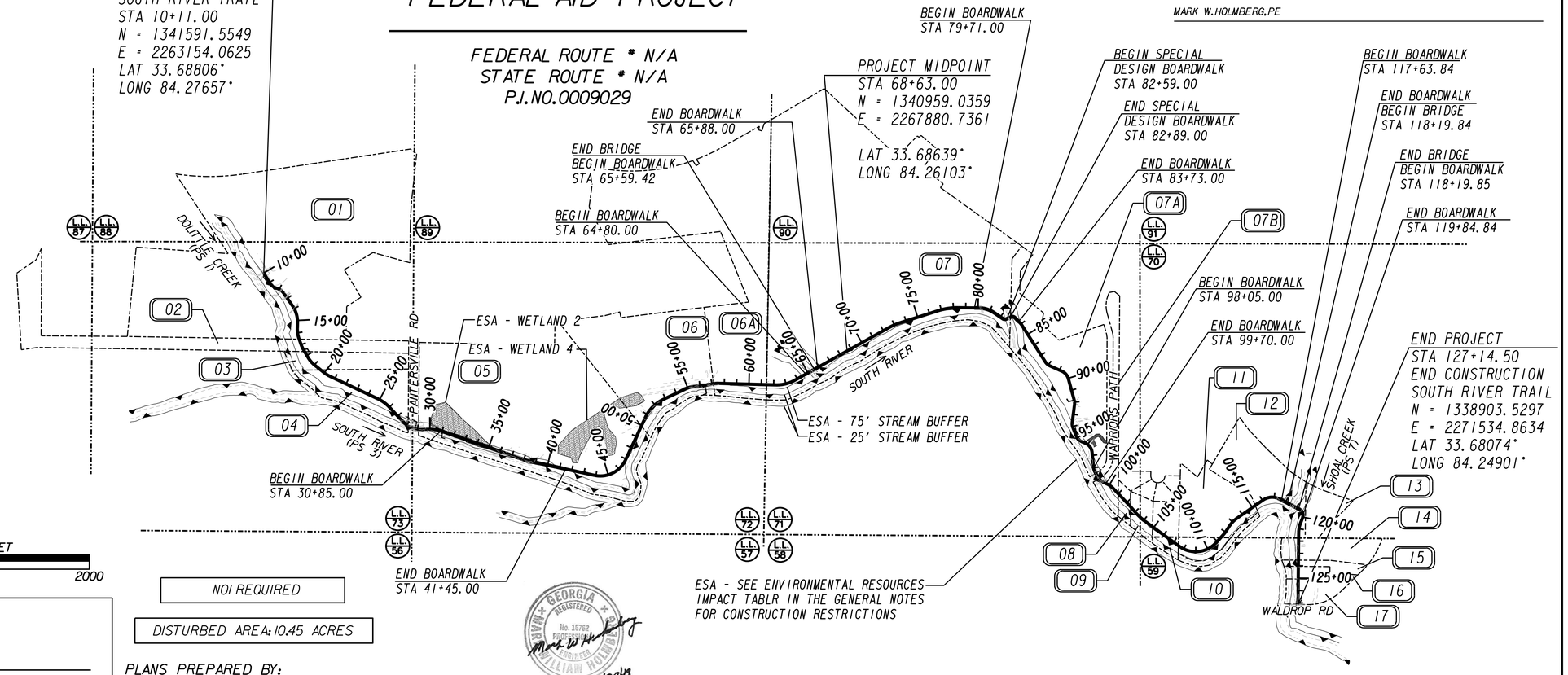
EROSION, SEDIMENT, & POLLUTION CONTROL PLAN

SOUTH RIVER TRAIL, PHASE 5

FEDERAL AID PROJECT



LOCATION SKETCH



SCALE IN FEET
0 500 1000 2000

"I certify that this Erosion, Sedimentation and Pollution Control Plan has been prepared in accordance with Part IV, of the General NPDES Permit No. GAR100002."

"I certify that the permittee's Erosion, Sedimentation and Pollution Control Plan provides for an appropriate and comprehensive system of best management practices required by the Georgia Water Quality Control Act and the document "Manual for Erosion and Sediment Control in Georgia" (Manual) published by the State Soil and Water Conservation Commission as of January 1 of the year in which the land disturbing activity was permitted, provides for sampling of the receiving water(s) or the sampling of the storm water outfalls and that the designed system of best management practices and sampling methods is expected to meet the requirements contained in the General NPDES Permit No. GAR100002."

"I certify that the permittee's Erosion, Sedimentation and Pollution Control Plan provides for the monitoring of: (a) all perennial and intermittent streams and other water bodies shown on the USGS topographic map and all other field verified perennial and intermittent streams and other water bodies, or (b) where any such specific identified perennial or intermittent stream and other water body is not proposed to be sampled, I have determined in my professional judgment, utilizing the factors required in the General NPDES Permit No. GAR100002, that the increase in the turbidity of each specific identified sampled receiving water will be representative of the increase in the turbidity of a specific identified un-sampled receiving water."

"I certify under penalty of law that this plan was prepared after a site visit to the location described herein by myself or my authorized agent, under my direct supervision."

MARK W. HOLMBERG, PE

GSWCC GEORGIA SOIL AND WATER CONSERVATION COMMISSION
Mark W. Holmberg
Level II Certified Design Professional
CERTIFICATION NUMBER 0000037396
ISSUED 02/22/2019 EXPIRES 02/22/2022

PRIMARY PERMITTEE

PRIMARY PERMITEE:
PATH FOUNDATION
PO BOX 14327
ATLANTA, GA 30324
PHONE: (404) 875-7284

NOI REQUIRED

DISTURBED AREA: 10.45 ACRES

GEORGIA REGISTERED No. 15762 PROFESSIONAL ENGINEER MARK WILLIAM HOLMBERG
1/30/19

PLANS PREPARED BY:

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

24 HOUR CONTACT:

JONATHAN McCAIG
Name

1601 WEST PEACHTREE
Street Address

ATLANTA, GA 30324
City, State Zip

404-433-1900
Phone Number

JONATHAN@PATHFOUNDATION.ORG
Email Address

Contractor shall complete the information in this box.

LENGTH OF PROJECT	COUNTY No. 089
	MILES
NET LENGTH OF ROADWAY	2.217
NET LENGTH OF BRIDGES	0.028
NET LENGTH OF PROJECT	2.217
NET LENGTH OF EXCEPTIONS	0.000
GROSS LENGTH OF PROJECT	2.217

PLANS COMPLETED 01/30/2019

REVISIONS

DATE	ENTITY REQUESTING REVISION(S)	DRAWING NUMBER(S)	SIGNATURE	GSWCC LEVEL II CERT.#
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				

DRAWING No. 50-0001

ESPCP GENERAL NOTES:

The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities.

Erosion control measures will be maintained at all times. If full implementation of the approved plan does not provide for effective control, additional erosion and sedimentation control measures shall be implemented to control or treat the sediment source.

PLAN ALTERATIONS

This Erosion, Sedimentation, and Pollution Control Plan (ESPCP) is provided by the Department. It addresses the staged construction of the project on the basis of common construction methods and techniques. If the Contractor elects to alter the staged construction from that shown in the plans or utilize construction techniques that render this plan ineffective, the Contractor shall revise the plans in accordance to Special Provision 161 of the contract.

The Contractor, the Certified Design Professional, and the WECS shall carefully evaluate this plan prior to commencing land-disturbing activities. **Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional.** Additional BMP's may be added per Special Provision 161-Control of Soil Erosion and Sedimentation.

TEMPORARY MULCHING

EPD General Permit GAR 100002 states that **any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding.** However in special cases, the Project Engineer may require the contractor to perform stabilization more often than 14 days.

VEGETATION AND PLANTING SCHEDULE

All temporary and permanent vegetative practices including plant species, planting dates, seeding, fertilizing, liming, and mulching for this project can be found in Section 700 of the current edition of the Department's Standards Specifications (or special provisions) and other applicable contract documents, or landscaping plans.

SEQUENCE OF MAJOR ACTIVITIES

The Contractor is responsible for developing the construction schedule for the project. The construction schedule for this project shall be submitted after the project is awarded. A copy of the construction schedule shall be maintained at the project site.

The project budget includes sufficient funds for the payment of construction exits. The Contractor is responsible for establishing at least one (1) construction exit per the specifications of the construction exit detail included in this ESPCP. To facilitate project logistics, the Contractor is also responsible for selecting the location(s) of the construction exit(s).

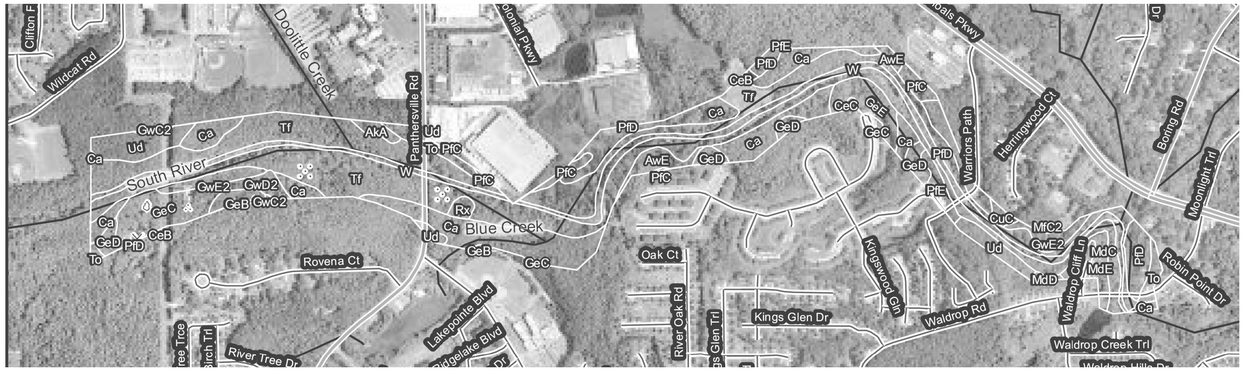
INITIAL STAGE 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
- A. Initial BMPs: Install the following BMPs prior to construction
  1. Install perimeter silt fence and orange barrier fence as shown on Stage 1 plans prior to clearing and grubbing operations.
  2. Contractor is responsible for establishing construction exits.
- B. Intermediate BMPs: N/A
- C. Final BMPs: N/A

INTERMEDIATE STAGE 2:
- A. Initial BMPs: N/A
- B. Intermediate BMPs: While earthwork is progressing, do the following:
  1. Place temporary grassing and mulch as needed.
- C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
  1. Permanent grassing, mulch, and slope stabilization where shown on the Stage 3 plans.
  2. Place rip rap at pipe and ditch outlets as shown on Stage 3 plans.

FINAL STAGE 3:
- A. Initial BMPs: N/A
- B. Intermediate BMPs: N/A
- C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
  1. Permanent grassing, mulch, and slope stabilization mats where shown on the Stage 3 plans.
  2. Place rip rap at pipe and ditch outlets.

SOIL SERIES INFORMATION

The following is a summary of the soils that are expected to be found on the project site:



NRCS SOIL SERIES MAP
NOT TO SCALE

Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey. Available online at http://websoilsurvey.nrcs.usda.gov/ Accessed December 21, 2012.

Map Unit Symbol	Dekalb County, Georgia (GA089)	Acres in AOI	Percent of AOI
	Map Unit Name		
AkA	Altavista fine sandy loam, 0 to 2 percent slopes	1.2	0.6%
AwE	Ashlar-Wedowee complex, 10 to 25 percent slopes	3.4	1.6%
Ca	Cartecay silt loam, frequently flooded	36.9	17.7%
CeB	Cecil sandy loam, 2 to 6 percent slopes	0.5	0.2%
CeC	Cecil sandy loam, 6 to 10 percent slopes	0.2	0.1%
CuC	Cecil-Urban land complex, 2 to 10 percent slopes	0.9	0.4%
GeB	Gwinnett sandy loam, 2 to 6 percent slopes	2.0	1.0%
GeC	Gwinnett sandy loam, 6 to 10 percent slopes	9.1	4.4%
GeD	Gwinnett sandy loam, 10 to 15 percent slopes	4.6	2.2%
GeE	Gwinnett sandy loam, 15 to 30 percent slopes	5.3	2.5%
GwC2	Gwinnett sandy clay loam, 2 to 10 percent slopes, eroded	0.4	0.2%
GwD2	Gwinnett sandy clay loam, 10 to 15 percent slopes, eroded	2.2	1.1%
GwE2	Gwinnett sandy clay loam, 15 to 25 percent slopes, eroded	4.9	2.4%
MdC	Madison sandy loam, 6 to 10 percent slopes	1.2	0.6%
MdD	Madison sandy loam, 10 to 15 percent slopes	0.4	0.2%
MdE	Madison sandy loam, 15 to 30 percent slopes	3.0	1.5%
MfC2	Madison sandy clay loam, 2 to 10 percent slopes, eroded	0.0	0.0%
PfC	Pacolet sandy loam, 2 to 10 percent slopes	3.2	1.5%
PfD	Pacolet sandy loam, 10 to 15 percent slopes	8.5	4.1%
PfE	Pacolet sandy loam, 15 to 30 percent slopes	2.2	1.0%
Rx	Rock outcrop	1.0	0.5%
Tf	Toccoa sandy loam, frequently flooded	87.7	42.2%
To	Toccoa sandy loam, high	4.0	1.9%
Ud	Urban land	9.1	4.4%
W	Water	16.1	7.8%
Totals for AOI		208.0	100.0%

DESCRIPTION OF CONSTRUCTION ACTIVITY

This project constructs a multi-use trail for pedestrian use. The current site is undeveloped and consists of wooded areas and wetlands.

The proposed construction activity consists of a 2.1-mile multi-use trail along the South River beginning at an existing trail segment located on the campus of Georgia Perimeter College and ending at Waldrop Road in DeKalb County, Georgia. The proposed trail is 12 feet wide with five-inch thick concrete, three-foot graded and grassed/mulched shoulders, and dashed-centerline striping. Boardwalks and bridges span streams and wetland areas along the project corridor.

Construction Schedule

Month	3	9	9
Install Temporary Erosion Control Measures			
Maintenance of Temporary Erosion Control Measures			
Perform Construction Activities			
Establish Permanent Vegetation			
Remove Temporary Erosion Control Measures			

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DEKALB COUNTY & PATH FOUNDATION

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SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
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VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 51-0001

PETROLEUM STORAGE, SPILLS, AND LEAKS

These plans expressly delegate the responsibility of proper on-site hazardous material management to the Contractor. The Contractor shall at a minimum provide an action plan and keep the necessary materials on site for the capture, clean up, and disposal of any petroleum product, or other hazardous material, leaks or spills associated with the servicing, refueling or operation of any equipment utilized at the site. A copy of the action plan shall be submitted to the Project Engineer and maintained on the project site. All personnel operating or servicing equipment shall be familiar with the action plan. The Contractor shall not park, refuel, or maintain equipment within stream buffers.

If the Contractor elects to store petroleum products on site, the Contractor shall prepare an ESPCP addendum that addresses the additional BMPs needed for onsite storage and spill prevention for petroleum products. This plan shall be prepared by a Certified Design Professional as required by GARI00002 for inclusion with these plans. The Contractor's attention is specifically directed to Standard Specification 107-Legal Regulations and Responsibility to the public for additional requirements.

POSTCONSTRUCTION BMP'S FOR STORMWATER MANAGEMENT

All permanent postconstruction BMP's are shown in the construction plans and in the ESPCP plan. The postconstruction BMP's for this project consist of vegetation, permanent slope drains and/or flumes, riprap at pipe outlets for velocity dissipation and outlet stabilization, vegetated swales/ditches where practical, and riprap where necessary. The postconstruction BMP's will provide permanent stabilization of the site and prevent abnormal transportation of sediment and pollutants into receiving waters.

SILT FENCE INSTALLATIONS WITH J HOOKS AND SPURS

Silt fence should never be run continuously. The silt fence should turn back into the fill or slope to create small pockets that trap silt and force stormwater to flow through the silt fence. This technique is called using J hooks (or spurs). The J hooks shall be utilized on all silt fences that are located around the perimeter of the project and along the toe of embankments or slopes. The J hooks shall be spaced in accordance with GDOT Construction Detail D-24C. The maximum J hook spacing is reached when the top of the J hook is at the same elevation as the bottom of the immediately upgradient J hook. J Hooks shall be paid for as silt fence items per linear foot. All costs and other incidental items are included in cost of installing and maintaining silt fence.

SITE STABILIZATION AND BMP MAINTENANCE MEASURES

See the Department's Standard Specifications (or Special Provisions) 161, 163, 165, 700, 711, and other contract documents for stabilization and maintenance measures.

WASTE DISPOSAL

Where attainable, locate waste collection areas, dumpsters, trash cans and portable toilets at least 50 feet away from streets, gutters, watercourses and storm drains. Secondary containment shall be provided around liquid waste collection areas to minimize the likelihood of contaminated discharges. The Contractor shall comply with applicable state and local waste storage and disposal regulations and obtain all necessary permits. **Waste materials shall not be discharged to waters of the State, except as authorized by a section 404 permit.**

NONSTORMWATER DISCHARGES

Nonstormwater discharges defined in Part III.A.2 of the NPDES Permit will be identified after construction has commenced. These discharges shall be subject to the same requirements as storm water discharges required by the Georgia Erosion and Sedimentation Control Act, the NPDES Permit, the Clean Water Act, the Manual for Erosion and Sediment Control in Georgia, Department Standards, and other contract documents. The NPDES does not authorize the discharge of soaps or solvents used in vehicle and equipment washing or the discharge of wastewater containing stucco, paint, oils, curing compounds, and other construction materials.

INSPECTIONS

The design professional who prepare the ES&PC Plan is to inspect the installation of the intial sediment storage requirements, perimeter control BMPs and sediment basins in accordance with part IV.A.5. within 7 days after installation.

After installation of initial erosion control measures, the site contractor should schedule an inspection by the project design professional. No other construction acitivies should occur until the project design professional approves the installation of said erosion control measures. If unforeseen conditions exist in the field that warrant additional erosion control measures, the contractor should construct any additional erosion control devices deemed necessary by the site inspection with consultation with design professional.

DEWATERING AND PUMPING ACTIVITIES

Any pumped discharge from an excavation or disturbed area shall be routed through an appropriately sized sediment basin, silt filter bag, or shall be treated equivalently with suitable BMP's. The contractor shall ensure the post BMP treated discharge is sheet flowing. Failure to create sheet flow will obligate the contractor to perform water quality sampling of pumped discharges. The contractor shall prepare sampling plans in accordance with the current GARI00002 NPDES permit by utilizing a Certified Design Professional. No separate payment will be made for water quality sampling of pump discharges.

OTHER CONTROLS

The Contractor shall follow this ESPCP and ensure and demonstrate compliance with all applicable State and/or local regulations for waste disposal, sanitary sewer and septic system, and petroleum storage.

The Contractor shall control dust from the site in accordance with Section 161 of the current edition of the Department's Standard Specifications.

RETENTION OF RECORDS

The Department will retain all records related to the implementation of this ESPCP in accordance with Part IV.F of the General Permit GARI00002.

SEDIMENT STORAGE

The site has a total disturbed area of 10.26 acres.

The following table summarizes the required and available sediment storage for every outfall on this project. The Contractor shall provide and maintain the storage volumes for the BMP's specified in this table.

Location Number	Total Drainage Area (acres)	Disturbed Area (Acres)	Required Sediment Storage Volume (CY)	Total Storage Volume Provided (CY)	Diversion	Silt Fence	
					No. of Acres Diverted	Linear Feet	Total Volume (CY)
1	23.54	0.07	10.0	34.7	23.39	207	34.7
2	1.53	0.20	14.1	100.2	1.32	598	100.2
3	0.43	0.08	4.7	28.6	0.36	171	28.6
4	0.75	0.15	10.1	60.8	0.60	363	60.8
5	34.52	1.62	274.7	500.8	30.42	2990	500.8
6	0.69	0.37	46.2	166.7	0.00	995	166.7
SF1	0.20	0.20	13.4	151.8	0.00	906	151.8
SF2	0.84	0.45	56.3	203.5	0.00	1215	203.5
SF3	0.42	0.42	28.1	229.3	0.00	1369	229.3
SF4	0.54	0.34	36.2	187.1	0.00	1117	187.1
SF5	1.72	0.83	115.2	439.2	0.00	2622	439.2
SF6	3.03	1.60	203.0	733.3	0.00	4378	733.3
SF7	0.02	1.49	1.3	605.3	0.00	3614	605.3
SF8	3.16	1.56	211.7	759.4	0.00	4534	759.4
SF9	1.04	0.29	69.7	104.5	0.00	624	104.5
SF10	2.04	0.78	136.7	362.1	0.00	2162	362.1
TOTAL DISTURBED AREA (AC) =		10.45					

TEMPORARY SEDIMENT BASINS:

Outfalls 1-6:
Sediment basins are not used at this location.
The disturbance activities consist of clearing & grubbing and general roadway construction. Land disturbance activities associated with constructing and removing sediment basins at this outfall location would cause additional adverse impacts. BMP's as shown in the erosion control plans are adequate to control sediment runoff from the disturbed areas of the project.

SF1-SF10:
Sediment basins are not used at this location.
The disturbance activities consist of clearing & grubbing and general roadway construction. Land disturbance activities associated with constructing and removing sediment basins at this outfall location would cause additional adverse impacts. BMP's as shown in the erosion control plans are adequate to control sediment runoff from the disturbed areas of the project.

USE OF ALTERNATIVE AND/OR ADDITIONAL BMPS

No alternative or additional BMP's will be used on this project.

DISCHARGES INTO OR WITHIN ONE LINEAR MILE UPSTREAM OF AND WITHIN THE SAME WATERSHED AS ANY PORTION OF A BIOTA IMPAIRED STREAM SEGMENT

The following is a summary of project outfalls within 1 mile and within the watershed of an identified impaired stream segment that has been listed for criteria violated, "Bio F" (impaired fish community) and/or "Bio M" (impaired macro invertebrate community), within Category 4a, 4b or 5, and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff).

Outfall ID # and Location	Reach Name	Location of the Impaired Stream Segment as Indicated in the 305b/303d List	Criterie Violated (Bio F or Bio M)	Potential Cause (NP or UR)	Cateogry (4a, 4b, or 5)	Numeric waste load allocation (WLA) for sediment
OUTFALL 1, STA 10+56, 51.24' RT	DOOLITTLE CREEK	Headw aters to South River	Bio F	N/A	4a	N/A
OUTFALL 2, STA 12+16, 19.72' RT	SOUTH RIVER	Atlanta to Flakes Mill Road	Bio M, Bio F	N/A	4a, 5	N/A
OUTFALL 3, STA 12+86, 18.96' RT	SOUTH RIVER	Atlanta to Flakes Mill Road	Bio M, Bio F	N/A	4a, 5	N/A
OUTFALL 4, STA 13+98, 19.76' RT	SOUTH RIVER	Atlanta to Flakes Mill Road	Bio M, Bio F	N/A	4a, 5	N/A
OUTFALL 5, STA 24+33, 13.56' RT	SOUTH RIVER	Atlanta to Flakes Mill Road	Bio M, Bio F	N/A	4a, 5	N/A
OUTFALL 6, STA 51+31, 18.97' RT	SOUTH RIVER	Atlanta to Flakes Mill Road	Bio M, Bio F	N/A	4a, 5	N/A
The TMDL for Ocmulgee River Basin w as completed in January 2007 w ithout a sediment WLA for future construction projects. Future construction projects are required to follow the General Storm Water Permit.						

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DRAWING No. 51-0002

7/31/2015 GPLN

READY MIX CHUTE WASH DOWN

The washing of ready-mix concrete drums and dump truck bodies used in the delivery of Portland cement concrete is prohibited on this site.

In accordance with Standard Specification 107: Legal Regulations and Responsibility to the Public, only the discharge chute utilized in the delivery of Portland cement concrete may be rinsed free of fresh concrete remains. The Contractor shall excavate a pit outside of State water buffers, at least 25 feet from any storm drain and outside of the travelled way, including shoulders, for a wash-down pit. The pit shall be large enough to store all wash-down water without overtopping. Immediately after the wash-down operations are completed and after the wash-down water has soaked into the ground, the pit shall be filled in, and the ground above it shall be graded to match the elevation of the surrounding areas. Alternate wash-down plans must be approved by the Project Engineer.

Wash-down plans describe procedures that prevent wash-down water from entering streams and rivers. Never dispose of wash-down water down a storm drain. Establish a wash-down pit that includes the following: (1) a location away from any storm drain, stream, or river, (2) access to the vehicle being used for wash down, (3) sufficient volume for wash-down water, and (4) permission to use the area for wash down.

On sites where permission or access to excavate a wash-down pit is unavailable, the Contractor may have to wash-down into a sealable 55-gallon drum or other suitable container and then transport the container to a proper disposal site. For additional information, refer to the Georgia Small Business Environmental Assistance Program's "A Guide for Ready Mix Chute/Hopper Wash-down".

STATE-WATER BUFFER IMPACTS

State-water buffers, as defined by O.C.G.A. 12-7-1, are impacted by this project.

Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits.

The Contractor is not authorized to enter state-water buffers, except as described in the table below:

Name or Number of Stream or other State Water Type	Location of Stream or other State Water*			State Water Type (Warm/Cold Water)**	Buffer Variance Required? (Yes/No)
	Alignment	Begin Station and Offset	End Station and Offset		
SOUTH RIVER	SOUTH RIVER TRAIL	27+54.21.42' RT	30+37.24.06' RT	Warm	Y
SOUTH RIVER	SOUTH RIVER TRAIL	35+81.25.05' RT	40+25.29.13' RT	Warm	Y
SOUTH RIVER	SOUTH RIVER TRAIL	94+67.22.00' RT	95+39.22.00' RT	Warm	Y
SOUTH RIVER	SOUTH RIVER TRAIL	97+78.22.00' RT	99+36.22.00' RT	Warm	Y
Description of Impacts: Impacts associated with proposed trail construction and placement of rip rap and drainage structures.					

Unless noted otherwise, utility companies will be submitting the required permits/variances in conjunction with the impacts caused by their activities. If utility impacts are covered by the Department's state-water buffer variance, this shall be noted in the buffer-variance-required column.

* Warm water streams have a 25-foot minimum buffer as measured from the wrested vegetation. Cold Water streams have a 50-foot buffer as measured from the wrested vegetation.
**Locations are approximate, a detailed location of stream buffers and authorized work areas are shown on the individual BMP sheets

SAMPLING GENERAL NOTES

Representative sampling may be utilized on this project as explained here. The individual outfall drainage basins along the project corridor have been carefully evaluated and compared on the basis of four characteristics: the type of construction activity, the disturbed acreage, the average slope about the outfall, and the soil erosion index 0-10, 10 being the most erodible soil. The construction activity types are new road on fill, new road in cut, road widening, and maintenance/safety. The disturbed area classes are less than or equal to 1 acre, greater than 1 acre to less than 2 acres, and equal to or greater than 2 acres. The average outfall slope is mild if it is equal to or less than 0.03, and steep if it is greater than 0.03. The soil erosion index is low if it is less than or equal to 5 and high if it is greater than 5. After evaluation of these characteristics as presented in the project's drainage area map, hydrology and hydraulic studies, construction plans, geotechnical soil survey, and erosion sedimentation and pollution control plans, the Department has determined that the representative sampling scheme shown below is valid for the duration of the project. The table shows the groups of similar outfall drainage basins.

The increase in turbidity at the specified locations in the table below will be representative of the alternate outfall drainage basins when similar outfall drainage basins exist. Approved primary and alternate representative sampled features are identified in the table below.

Note: The Total site area is 12.48 acres.											Representative Sampling Scheme				
SAMPLING INFORMATION											OUTFALL CHARACTERISTICS				
Primary Sampled Feature	Location (Station and Offset)	Name of Receiving Water	Applicable Construction Stage for Sampling	Sampling Type (Outfall or Receiving water)	Drainage Area for Receiving Water (mi^2)	Upstream Disturbed Area (acres)	Warm or Cold Water Stream	Appendix B NTU Value (Outfall Sampling only)	Allowable NTU Increase (Receiving water sampling only)	Location Description	Construction Activity	Disturbed Area (acres)	Average Outfall Slope (Rise/Run)	Soil Erosion Index	Represented Outfall Drainage Basins
1	STA 10+56.03, 51.24' RT	Doolittle Creek	All	Outfall	7.0	0.07	Warm	100	N/A	Existing 42" CMP	Trail Construction	0.07	0.009	7	N/A
2	STA 12+16.00, 19.72' RT	South River	All	Outfall	82.3	0.20	Warm	300	N/A	Proposed 15" Pipe	Trail Construction	0.20	0.042	7	N/A
5	STA 10+56.03, 51.24' RT	South River	All	Outfall	82.3	1.62	Warm	300	N/A	Existing Ditch	Trail Construction	1.62	0.001	7	N/A

The primary sampled features specified should be used as the initial sampling locations. An alternate sampled feature may be used if additional sampling is required or to replace a primary sampled feature that is no longer located within the active phase of construction.

WATER QUALITY INSPECTING AND SAMPLING PROCEDURES

See Special Provision 167 and other contract documents for the inspecting and sampling procedures.

RIPRAP OUTLET PROTECTION

Location	Pipe Diameter Do (ft)	Q_{25} (ft^3/s)	V_{25} (ft/s)	Tailwater Condition (TW<0.5 Do TW>0.5 Do)	Width at Drainage Structure W1=3Do (ft)	Apron Length La (ft)	Downstream Width W2=Do+La (ft)	Average Stone Diameter d_{50} (ft)	Minimum Apron Thickness D (ft)	Riprap Type (Type 3 or Type 1)	Quantity (yd^2)
STA 12+16.00, 19.72' RT	1.25	4.70	8.53	TW<0.5 Do	3.75	8	9.25	0.30	0.50	Type 3	6
STA 12+85.84, 18.96' RT	1.25	2.06	3.32	TW<0.5 Do	3.75	8	9.25	0.30	0.50	Type 3	6
STA 13+98.08, 19.76' RT	1.25	3.36	4.25	TW<0.5 Do	3.75	8	9.25	0.30	0.50	Type 3	6

CHANNEL PROTECTION

All channels may be stabilized exclusively with permanent grassing.

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DRAWING No. 51-0003

7/31/2015 GPLN

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
INFRASTRUCTURE CONSTRUCTION PROJECTS

SWCD : REGION 2

Project Name: SOUTH RIVER TRAIL, PHASE 5 Address: SOUTH RIVER TRAIL, PHASE 5
City/County: DEKALB COUNTY Date on Plans: 05-07-2018
Name&email of person filling out checklist: Mark Holmberg mholmberg@heath-lineback.com

TO BE SHOWN ON ES&PC PLAN

Plan Page #	Included Y/N		
51-0004	Y	1.	The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted. (The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed)
50-0001	Y	2.	Level II certification number issued by the Commission, signature and seal of the certified design professional. (Signature, seal and Level II number must be on each sheet pertaining to ES&PC plan or the Plan will not be reviewed)
50-0001	Y	3.	The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution controls.
50-0001	Y	4.	Provide the name, address, email address, and phone number of primary permittee.
53-0001	Y	5.	Note total and disturbed acreage of the project or phase under construction.
50-0001	Y	6.	Provide the GPS locations of the Beginning and End of the Infrastructure project. Give the Latitude and Longitude in decimal degrees.
50-0001	Y	7.	Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
51-0001	Y	8.	Description of the nature of construction activity.
50-0001	Y	9.	Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
55-0001	Y	10.	Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, etc. which may be affected.
50-0001	Y	11.	Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on Part IV page 21 of the permit.
50-0001	Y	12.	Design professional's certification statement and signature that the permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on Part IV page 20 of the permit.*
50-0001	Y	13.	Design professional certification statement and signature that the permittee's ES&PC plan provides for representative sampling as stated on Part IV.D.6.c.(3) page 37 of permit as applicable.*
51-0002	Y	14.	Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the installation of the initial sediment storage requirements, perimeter control BMPs and sediment basins in accordance with part IV.A.5. within 7 days after installation." in accordance with Part IV.A.5. page 26 of the permit.*
51-0003	Y	15.	Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."
51-0003	Y	16.	Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
51-0001	Y	17.	Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional."*
51-0002	Y	18.	Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a section 404 permit."*
51-0001	Y	19.	Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."
51-0001	Y	20.	Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."
51-0001	Y	21.	Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."
51-0002	Y	22.	Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as, any portion of an Biota Impaired Stream Segment must comply with Part III. C. of the Permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment.*
51-0002	Y	23.	If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified in item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan.*
51-0003	Y	24.	BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Washout of the drum at the construction site is prohibited.*
51-0002	Y	25.	Provide BMPs for the remediation of all petroleum spills and leaks.
51-0002	Y	26.	Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed.*
51-ALL	Y	27.	Description of practices to provide cover for buiding materials and building products ons site.*
51-ALL	Y	28.	Description of the practices that will be used to reduce the pollutants in storm water discharges.*
51-0001	Y	29.	Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).
51-0002	Y	30.	Provide complete requirements of inspections and record keeping by the primary permittee.*
51-0003	Y	31.	Provide complete requirements of sampling frequency and reporting of sampling results.*
51-0002	Y	32.	Provide complete details for retention of records as per Part IV.F. of the permit.*
51-0003	Y	33.	Description of analytical methods to be used to collect and analyze the samples from each location.*
51-0003	Y	34.	Appendix B rationale for NTU values at all outfall sampling points where applicable.*
55-0001;51-0003	Y	35.	Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged also provide a summary chart of the justification and analysis for the representative sampling as applicable.*
51-0001;54-ALL	Y	36.	A description of appropriate controls and measures that will be implemented at the construction site including; (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the plan may combine all of the BMPs into a single phase.*
50-0001;53-0001 54-ALL;55-0001	Y	37.	Graphic scale and North arrow.
53-0001;55-0001	Y	38.	Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following: Existing Contours — USGS 1": 2000' Topographical Sheets; Proposed Contours — 1" : 400' Centerline Profile
51-0002	N/A	39.	Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at www.gaswcc.org.
51-0002	N/A	40.	Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition.*
53-0001; 54-ALL	Y	41.	Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to state waters and any additional buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact.
55-0001	Y	42.	Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site.
53-0001	Y	43.	Delineation and acreage of contributing drainage basins on the project site.
53-0001	Y	44.	Delineate on-site drainage and off-site watersheds using USGS 1' :2000' topographical sheets.
53-0001	Y	45.	An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.
53-0001; 54-ALL	Y	46.	Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.
51-0001	Y	47.	Soil series for the project site and their delineation.
54-ALL	Y	48.	The limits of disturbance for each phase of construction.
51-0002	Y	49.	Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justfication explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasable, a written justification explaining this decision must be included in the plan.
54-ALL	Y	50.	Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.
52-ALL; 56-ALL	Y	51.	Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.
51-0001	Y	52.	Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of year that seeding will take place and for the appropriate geographic region of Georgia.

Effective January 1, 2019

*If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream the * checklist items would be N/A.

GSWCC

APPENDIX 1

THE ES&PC PLAN MUST INCLUDE AT LEAST FOUR (4) OF THE FOLLOWING BMPS FOR THOSE AREAS OF THE SITE WHICH DISCHARGE TO A IMPAIRED STREAM SEGMENT AND FOR SITES WHICH EPD HAS APPROVED IN WRITING A REQUEST TO DISTURB 50 ACRES OR MORE AT ANY ONE TIME.

Plan Page #	Included Y/N		
N/A	N	a.	During construction activities, double the width of the 25 foot undisturbed vegetated buffer along all State waters requiring a buffer and the 50 foot undisturbed vegetated buffer along all State waters classified as "trout streams" requiring a buffer. During construction activities, EPD will not grant variances to any suchbuffers that are increased in width.
N/A	N	b.	Increase all temporary sediment basins and retrofitted storm water management basins to provide sediment storage of at least 3600 cubic feet (134 cubic yards) per acre drained.
N/A	N	c.	Use baffles in all temporary sediment basins and retrofitted storm water management basins to at least double the conventional flow path length to the outlet structure.
N/A	Y	d.	A large sign (minimum 4 feet x 8 feet) must be on the site on the actual start date of construction visible from a public roadway identifying the construction site, the permittee(s), and the contact person(s) and telephone number(s) until a NOT has been submitted.
54-ALL	Y	e.	Use anionic polyacrylamide (PAM) and/or mulch to stabilize areas left disturbed for more than seven (7) calendar days in accordance with Part III. D.1. of the NPDES Permit.
N/A	N	f.	Conduct turbidity sampling after every rain event of 0.5 inch or greater within any 24 hour period, recognizing the exceptions specified in Part IV.D.6.d. of the NPDES Permits.
N/A	N	g.	Comply with the applicable end-of-pipe turbidity effluent limit, without the "BMP defense" as provided for in O.C.G.A. 12-7-6 (a)(1).
N/A	N	h.	Reduce the total planned site disturbance to less than 50% impervious surfaces (excluding any State-mandated buffer areas from such calculations). All calculations must be included on the plan.
N/A	N	i.	Limit the amount of disturbed area at any one time to no greater than 25 acres or 50% of the total planned site, whichever is less. All calculations must be included on the plan.
N/A	N	j.	Use "Dirt II" techniques available on the EPD website, www.gaepd.org (e.g., seep berms, sand filters, anionic PAM) to model and manage construction storm water runoff (including sheet flow). All calculations must be included on the Plan.
N/A	N	k.	Add appropriate organic soil amendments (e.g., compost) and conduct pre- and post-construction soil sampling to a depth of six (6) inches to document improved levels of soil carbon after final stabilization of the construction site.
N/A	N	l.	Use mulch filter berms, in addition to a silt fence, on the site perimeter wherever construction storm water (including sheet flow) may be discharged. Mulch filter berms cannot be placed in waterways or areas of concentrated flow.
54-ALL	Y	m.	Apply the appropriate Georgia Department of Transportation approved erosion control matting or blankets or bonded fiber matrix to all slopes steeper than 3:1. All graphical illustrations must be included on the Plan.
N/A	N	n.	Use appropriate erosion control matting or blankets instead of concrete in all construction storm water ditches and storm drainages designed for a 25 year, 24 hour rainfall event.
N/A	N	o.	Use anionic PAM under a passive dosing method (e.g., flocculant blocks) within construction storm water ditches and storm drainages that feed into temporary sediment basins and retrofitted management basins.
N/A	N	p.	Install sod for a minimum 20 foot width (in lieu of seeding) after final grade has been achieved, along the site perimeter wherever storm water (including sheet flow) may be discharged.
N/A	N	q.	Conduct soil tests to identify and to implement site-specific fertilizer needs.
51-0002	Y	r.	Certified personnel for primary permittees shall conduct inspections at least twice every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Part IV.D.4.a.(3).(a) - (c); secondary permittees, Part IV.D.4.b.(3).(a) - (c); and tertiary permittees Part IV.D.4.c.(3).(a) - (c). *
N/A	N	s.	Apply the appropriate compost blankets (minimum depth 1.5 inches) to protect soil surfaces until vegetation is established during the final stabilization phase of the construction activity.
N/A	N	t.	Use alternative BMPs whose performance has been documented to be superior to conventional BMPs as certified by aDesign Professional (unless disapproved by EPD or the State Soil and Water Conservation Commission). (If using this item please refer to the Alternative BMP guidance document found at www.gaswcc.georgia.gov)
N/A	N	u.	Limit the total planned site disturbance to less than 15% impervious surfaces (excluding any state mandated buffer areas from such calculations). All calculations must be included in the plan.

Effective January 1, 2019

*This requirement is different for infrastructure projects.
Certified personnel for primary permittees shall conduct inspections at least once every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Part IV.D.4.a.(3).(a) ◇ (c) of this permit.

GSWCC

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REVISION DATES

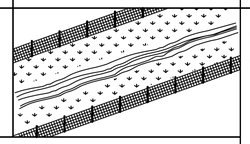
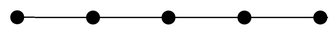
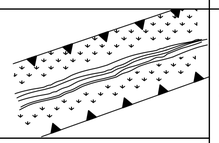
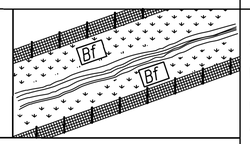
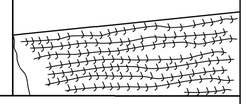
DEKALB COUNTY & PATH FOUNDATION

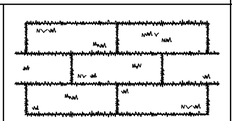
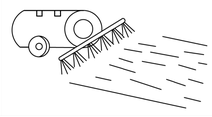
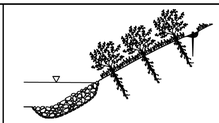
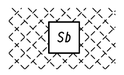
GENERAL NOTES
ESPCP GENERAL NOTES

SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
BACKCHECKED:	CAD	DATE:	05-07-2018
CORRECTED:	AE & PAL	DATE:	05-07-2018
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 51-0004

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
	ORANGE BARRIER FENCE		ORANGE BARRIER FENCE DELINEATES ENVIRONMENTALLY SENSITIVE AREAS WHERE THE CONTRACTOR SHALL NOT CLEAR, GRUB, OR PLACE CONSTRUCTION MATERIALS OR EQUIPMENT WITHIN THIS AREA.
		LINE CODE  ORANGE BARRIER FENCE	
ESA	ENVIRONMENTALLY SENSITIVE AREA		AN ENVIRONMENTALLY SENSITIVE AREA (ESA) CONTAINS RESOURCES THAT ARE ENVIRONMENTALLY, CULTURALLY, OR HISTORICALLY SENSITIVE. ESAs INCLUDE, BUT ARE NOT LIMITED TO: STATE WATER BUFFERS, HISTORIC SITES, ARCHAEOLOGICAL SITES, AND PROTECTED ANIMAL AND PLANT SPECIES HABITATS. IF WORK IS AUTHORIZED IN THIS AREA, THE WORK MUST BE PERFORMED IN ACCORDANCE WITH SECTION 107 AND ANY OTHER APPLICABLE SPECIAL PROVISIONS AND APPLICABLE PLAN NOTES.
		LINE CODE ESA-25'(OR 50')STREAM BUFFER, ETC.	
Bf	BUFFER ZONE		A STRIP OF UNDISTURBED ORIGINAL VEGETATION, ENHANCED OR RESTORED EXISTING VEGETATION, OR THE RE-ESTABLISHMENT OF VEGETATION SURROUNDING AN AREA OF DISTURBANCE OR BORDERING STREAMS, PONDS, WETLANDS, LAKES, AND COASTAL WATERS. WHEN NECESSARY, BUFFER ZONES ARE TO BE PROTECTED BY ORANGE BARRIER FENCE.
		SYMBOL Bf	
Ds1	MULCH SECTION 163		THIS IS AN APPLICATION OF STRAW MULCH USED TO REDUCE SOIL EROSION AND STABILIZE THE SOIL. IT IS USED TO CONTROL EROSION IN AREAS WHERE PERMANENT VEGETATION IS OUT OF SEASON OR TO TEMPORARILY STABILIZE AREAS PRIOR TO FINAL GRADING. MULCHING REQUIREMENTS ARE ADDRESSED BY STANDARD SPECIFICATIONS AND/OR THE PROJECT ENGINEER. THE BMP SYMBOL FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.
		SYMBOL Ds1	
Ds2	TEMPORARY GRASSING SECTION 163, 700		THE SOWING OF A QUICK GROWING SPECIES OF GRASS SUITABLE TO THE AREA AND SEASON. IT IS TYPICALLY USED TO CONTROL EROSION IN AREAS LONGER THAN MULCHING IS EXPECTED TO LAST. TEMPORARY GRASSING SHOULD BE USED ON ALL PROJECTS ACCORDING TO THE STANDARD SPECIFICATIONS. THE BMP SYMBOL FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.
		SYMBOL Ds2	

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ds3	PERMANENT GRASSING SECTION 700		THE SOWING OF PERMANENT VEGETATION, SUCH AS GRASS, SUITABLE TO THE AREA AND SEASON. PERMANENT VEGETATION SHALL BE USED ON ALL PROJECTS ACCORDING TO THE STANDARD SPECIFICATION. THE BMP SYMBOL FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.
		SYMBOL Ds3	
Ds4	SODDING CONSTRUCTION DETAIL D-54 SECTION 700, 890		THE INSTALLATION OF A SPECIES OF GRASS SODDING SUITABLE TO THE AREA AND SEASON TO PROVIDE IMMEDIATE PERMANENT VEGETATION. SODDING MAY BE SHOWN FOR HIGHLY SENSITIVE AREAS, TO IMPROVE AESTHETICS, OR FOR SPECIAL PLANTING REQUIREMENTS ON THE BASIS OF ENVIRONMENTAL COMMITMENTS OR LANDSCAPING REQUIREMENTS. THE BMP PATTERN FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.
		PATTERN	
Fl-Co	FLOCCULANTS COAGULANTS SECTION 163, 700, 895		FLOCCULANTS AND COAGULANTS ARE USED TO SETTLE SUSPENDED SEDIMENT, HEAVY METALS, AND HYDROCARBONS (TSS) IN SLOW MOVING RUNOFF FROM CONSTRUCTION SITES FOR WATER CLARIFICATION. ANIONIC POLYACRYLAMIDES (PAM) MAY BE USED IN CONJUNCTION WITH BMPs WITHIN CHANNELS UPSTREAM OF A POST-CONSTRUCTION POND, TEMPORARY SEDIMENT BASIN, OR TEMPORARY SEDIMENT TRAP. FLOCCULANTS SHALL NOT BE USED DOWNSTREAM OF AFOREMENTIONED BMPs! FLOCCULANTS/COAGULANTS ARE TO BE SHOWN ON PLANS WITH APPLICABLE BMP IF NEEDED. PAYMENT FOR PAM AS A FLOCCULANT WILL BE INCLUDED IN THE PRICE FOR THE INSTALLATION AND/OR MAINTENANCE OF THE BMP IT IS USED IN CONJUNCTION WITH. NO SEPARATE PAYMENT WILL BE MADE.
		SYMBOL Fl-Co POLYACRYLAMIDE	
Sb	STREAMBANK STABILIZATION SECTION 702		STREAMBANK STABILIZATION IS THE USE OF READILY AVAILABLE NATIVE PLANT MATERIALS TO MAINTAIN AND ENHANCE STREAMBANKS, OR TO PREVENT, OR RESTORE AND REPAIR SMALL STREAMBANK EROSION PROBLEMS. STREAMBANK STABILIZATION AREAS SHOULD BE SHOWN ON THE PLANS WHEN APPLICABLE TO THE PROJECT. REFER TO THE PROJECT'S STREAM AND STREAM BUFFER MITIGATION PLANS FOR PLANT SPECIES, LOCATIONS, AND OTHER PLANTING DETAILS.
		PATTERN 	

NOTE:

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

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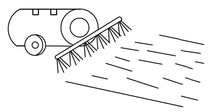
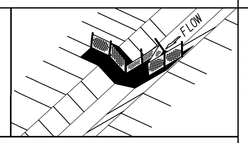
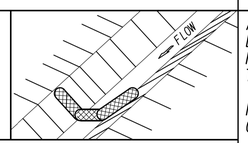
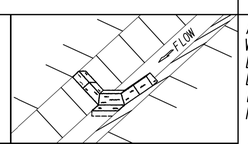
GDOT

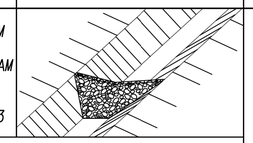
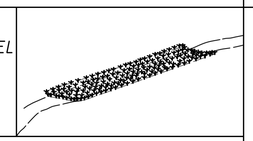
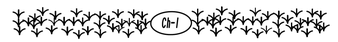
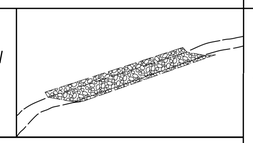
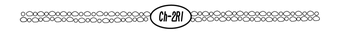
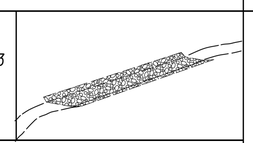
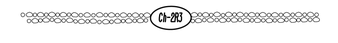
NO SCALE

REVISION DATES
3/2/2017

EROSION CONTROL LEGEND
UNIFORM CODE SHEET
SHEET 1 OF 7

CHECKED:	D. EAGLETON	DATE: 01/01/16	DRAWING No.
BACKCHECKED:		DATE:	52-0001
CORRECTED:		DATE:	
VERIFIED:		DATE:	

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ss	SLOPE STABILIZATION CONSTRUCTION DETAIL D-35 SECTION 716	 PATTERN 	SLOPE STABILIZATION (EROSION CONTROL MATTING) IS A PROTECTIVE COVERING USED TO PREVENT EROSION AND ESTABLISH TEMPORARY OR PERMANENT VEGETATION ON STEEP SLOPES, SHORE LINES, OR CHANNELS. SLOPE STABILIZATION MAY BE A ROLLED EROSION CONTROL PRODUCT (RECP) OR A HYDRAULIC EROSION CONTROL PRODUCT (HECP). SLOPE STABILIZATION SHALL BE USED ON ALL CUT OR FILL SLOPES OF 2.5:1 OR STEEPER AND WITHIN 50 FEET OF ALL CROSS DRAINS AND CULVERTS. NOTE: ONLY COCONUT FIBER BLANKET OR WOOD FIBER BLANKET SHALL BE USED AS SLOPE STABILIZATION WITHIN BUFFERED AREAS.
Tac	TACKIFIERS SECTION 163, 700, 895	 SYMBOL Tac POLYACRYLAMIDE	TACKIFIERS HYDRATE IN WATER AND READILY BLEND WITH OTHER SLURRY MATERIALS AND ARE USED TO TIE-DOWN FOR SOIL, COMPOST, SEED, STRAW, HAY OR MULCH. TACKIFIERS REQUIREMENTS, SUCH AS ANIONIC POLYACRYLAMIDES (PAM) ARE ADDRESSED BY STANDARD SPECIFICATIONS AND ARE NOT TYPICALLY SHOWN ON THE PLANS. PAM IS TYPICALLY USED BY THE CONTRACTOR FOR TEMPORARY OR PERMANENT GRASSING. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR CRITERIA.
Cd-F	FABRIC CHECK DAM CONSTRUCTION DETAIL D-24D SECTION 171	 SYMBOL Cd-F	A CHECK DAM COMPOSED OF SYNTHETIC FIBER FABRIC, WIRE REINFORCED, POST, OVERFLOW WEIR, AND TURF REINFORCEMENT MATTING (TRM) SPLASHPAD PLACED IN DITCHES IN A SPECIAL CONFIGURATION WHICH CONTROLS ENERGY DISSIPATION AND FILTRATION OF STORM WATER. SEE CONSTRUCTION DETAIL D-24D FOR ADDITIONAL INFORMATION AND SPACING REQUIREMENTS. THIS ITEM IS SUITABLE FOR USE IN ROADSIDE DITCHES THAT ARE PART OF INFRASTRUCTURE CONSTRUCTION PROJECTS AND WITHIN THE CLEAR ZONE. IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.
Cd-Fs	COMPOST FILTER SOCK CHECK DAM CONSTRUCTION DETAIL D-52 SECTION 163	 SYMBOL Cd-Fs	A COMPOST FILTER SOCK CHECK DAM IS COMPOSED OF A PHOTODEGRADABLE OR BIODEGRADABLE KNITTED MESH MATERIAL CONTAINING A WEED FREE FILLER MATERIAL DERIVED FROM A WELL-DECOMPOSED SOURCE OF ORGANIC MATTER. THEY SHALL BE PROPERLY STAKED FOR DITCH APPLICATIONS. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR MATERIAL SPECIFICATIONS. IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.
Cd-Hb	BALED STRAW CHECK DAM CONSTRUCTION DETAIL D-52 SECTION 163	 SYMBOL Cd-Hb	A BALE STRAW CHECK DAM IS COMPOSED OF BALES PREFERABLY BOUND WITH WIRE OR NYLON INSTEAD OF TWINE. BALES SHOULD BE PLACED IN ROWS WITH BALE ENDS TIGHTLY ABUTTING ADJACENT BALES. THE DOWNSTREAM ROW OF BALES SHALL BE PLACED IN A TRENCH TO ALLOW THE TOP OF THE BALE'S LONG, WIDE SIDE TO BE LEVEL WITH THE GROUND AS A NON-ERODIBLE SPLASH PAD. PROPER STAKING IS ALSO REQUIRED FOR DITCH APPLICATIONS. IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Cd-S	STONE CHECK DAM OR SANDBAG CHECK DAM GA. STD 1031 SECTION 163, 603	 SYMBOL Cd-S	STONE CHECK DAMS ARE CONSTRUCTED OF TYPE-3 RIP-RAP WITH GEOTEXTILE UNDERLINER. STONE CHECK DAMS ARE PREFERRED IN ROADWAY DITCHES OUTSIDE THE CLEAR ZONE. CONSIDERATION SHOULD BE GIVEN TO USING OTHER APPROPRIATE CHECK DAMS AND/OR BMPs WITHIN THE CLEAR ZONE. SANDBAG CHECK DAMS ARE RECOMMENDED IN CONCRETE LINED CHANNELS FOR TEMPORARY VELOCITY CONTROL ONLY. ENSURE DISCHARGE POINT IS PROPERLY STABILIZED AND INCLUDE APPROPRIATE BMPs FOR SEDIMENT STORAGE UPSTREAM AND/OR DOWNSTREAM OF CONCRETE LINED CHANNELS. IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.
Ch-I	VEGETATED CHANNEL STABILIZATION SECTION 700	 LINE CODE 	A NEW OR EXISTING CHANNEL MAY BE LINED WITH PERMANENT VEGETATION ONLY FOR VELOCITIES UP TO 5.0 fps. THIS MEASURE SHALL BE DESIGNED IN ACCORDANCE WITH THE GDOT CHANNEL LINING DESIGN PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. TYPICALLY NOT SHOWN IN PLANS.
Ch-2RI	CHANNEL STABILIZATION RIP-RAP, TYPE I CONSTRUCTION DETAIL D-49 SECTION 603	 LINE CODE 	THIS ITEM CONSISTS OF LINING A CHANNEL WITH TYPE I RIP-RAP 24" THICK (UNLESS SPECIFIED OTHERWISE) PLACED ON TOP OF A GEOTEXTILE UNDERLINER. THE RIP-RAP SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-2R3	CHANNEL STABILIZATION RIP-RAP, TYPE 3 CONSTRUCTION DETAIL D-49 SECTION 603	 LINE CODE 	THIS ITEM CONSISTS OF LINING A CHANNEL WITH TYPE 3 RIP-RAP 24" THICK (UNLESS SPECIFIED OTHERWISE) PLACED ON TOP OF A GEOTEXTILE UNDERLINER. THE RIP-RAP SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

NOTE:

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

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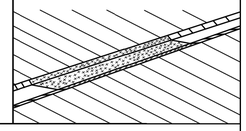
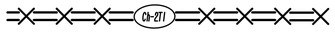
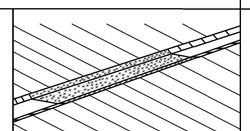
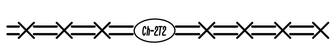
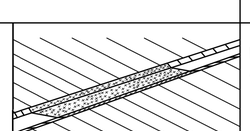
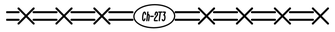
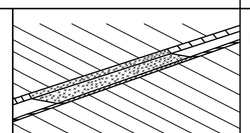
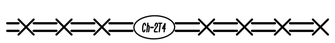
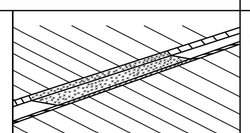
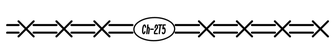
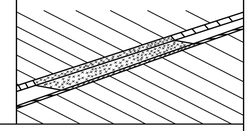
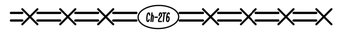
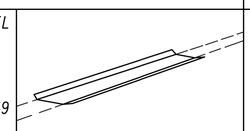
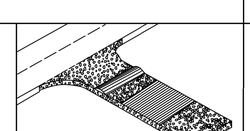
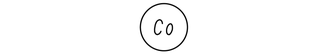
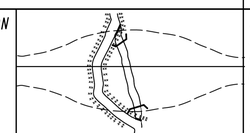
NO SCALE

REVISION DATES
3/2/2017

EROSION CONTROL LEGEND
UNIFORM CODE SHEET
SHEET 2 OF 7

CHECKED:	D. EAGLETON	DATE: 01/01/16	DRAWING No.
BACKCHECKED:		DATE:	52-0002
CORRECTED:		DATE:	
VERIFIED:		DATE:	

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ch-2T1	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711	 LINE CODE 	THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-2 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-2T2	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711	 LINE CODE 	THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-4 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-2T3	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711	 LINE CODE 	THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-6 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-2T4	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711	 LINE CODE 	THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-8 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-2T5	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711	 LINE CODE 	THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-10 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ch-2T6	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711	 LINE CODE 	THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-12 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-3	CONCRETE CHANNEL STABILIZATION CONSTRUCTION DETAIL D-10, D-49 SECTION 441	 LINE CODE	CHANNELS ARE LINED WITH CONCRETE FOR VELOCITIES >/= 10 fps. THIS ITEM CONSISTS OF CONSTRUCTING A 4" THICK CONCRETE CHANNEL. THE CONCRETE SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN. RIP-RAP SHOULD BE USED TO DISSIPATE ENERGY DOWNSTREAM OF CONCRETE LINED CHANNELS.
Co	CONSTRUCTION EXIT CONSTRUCTION DETAIL D-41 SECTION 163, 800	 SYMBOL 	A CONSTRUCTION EXIT IS A STONE STABILIZED PAD THAT REDUCES OR ELIMINATES THE TRANSPORT OF MUD FROM CONSTRUCTION AREAS ONTO PUBLIC ROADS BY EQUIPMENT OR RUNOFF. BEST USED AT ACCESS POINTS, I.e. NEW LOCATION PROJECTS, BORROW PITS, WASTE PITS, ACCESS ROADS, ETC. SHOULD BE MINIMUM 20' WIDE, 50' LONG, 6" THICK, AND REQUIRES A GEOTEXTILE UNDERLINER. ON SITES WHERE THE GRADE TOWARD A PAVED AREA IS GREATER THAN 2%, A FULL WIDTH DIVERSION RIDGE 6" TO 8" HIGH WITH 3:1 SLOPES SHALL BE CONSTRUCTED APPROXIMATELY 15' UPSTREAM OF PAVED AREA. A TIRE WASHING AREA TO REMOVE MUD MAY ALSO BE REQUIRED PRIOR TO ENTRANCE ONTO PUBLIC ROADWAYS. ALL CONSTRUCTION EXIT REQUIREMENTS ARE INCLUDED IN THE PRICE OF THE CONSTRUCTION EXIT.
Dc-A	STREAM DIVERSION CHANNEL GEOTEXTILE, POLYETHYLENE FILM SECTION 163	 LINE CODE	A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH GEOTEXTILE OR POLYETHYLENE FILM. INSTALL TWO ROWS OF Sdl-S PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS ACCEPTABLE FOR VELOCITIES BETWEEN 0 - 2.5 fps. THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.

NOTE:

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

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GDOT

NO SCALE

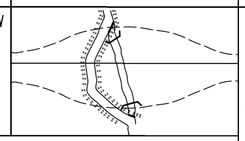
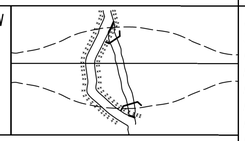
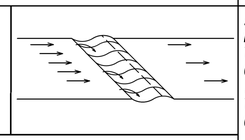
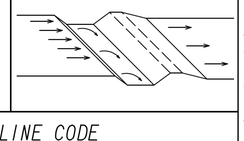
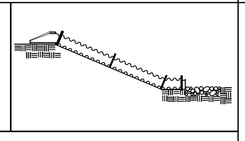
REVISION DATES
3/2/2017

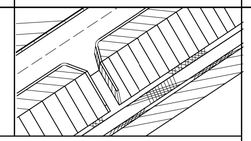
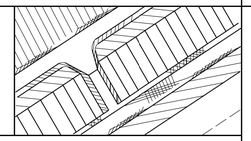
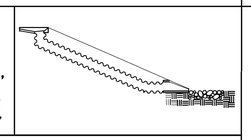
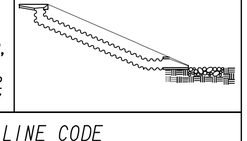
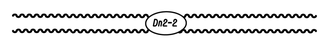
EROSION CONTROL LEGEND

UNIFORM CODE SHEET

SHEET 3 OF 7

CHECKED:	D. EAGLETON	DATE: 01/01/16	DRAWING No.
BACKCHECKED:		DATE:	52-0003
CORRECTED:		DATE:	
VERIFIED:		DATE:	

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Dc-B	STREAM DIVERSION CHANNEL GEOTEXTILE ONLY SECTION 163	 LINE CODE 	A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH GEOTEXTILE ONLY. INSTALL TWO ROWS OF Sdl-S PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS ACCEPTABLE FOR VELOCITIES BETWEEN 2.5 - 9.0 fps. THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
Dc-C	STREAM DIVERSION CHANNEL RIP-RAP & GEOTEXTILE SECTION 163	 LINE CODE 	A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH RIP-RAP AND GEOTEXTILE. INSTALL TWO ROWS OF Sdl-S PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS ACCEPTABLE FOR VELOCITIES BETWEEN 9.0 - 13.0 fps. THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
Dl-1	DIVERSION BERM CONSTRUCTION DETAIL D-47 SECTION 205	 LINE CODE 	A NON-DESIGNED TEMPORARY EARTHEN BERM WITH A COMPACTED SUPPORTING RIDGE ON THE LOWER SIDE TO BE USED AT THE EDGE OF EMBANKMENT DURING THE GRADING OPERATION. THE BERMS ARE ALSO CONSTRUCTED ABOVE, ACROSS OR BELOW A SLOPE TO REDUCE THE LENGTH OF A SLOPE. THEY ARE USED TO INTERCEPT RUNOFF, PREVENTING SLOPE EROSION AND TO DIRECT THE RUNOFF TO A STABLE OUTLET, DOWN DRAINS "Dnl"OR CATCHMENT AREAS AND ON ALL GRADING PROJECTS.
Dl-2	DIVERSION CHANNEL SECTION 205	 LINE CODE 	A DESIGNED TEMPORARY OR PERMANENT CHANNEL WITH A COMPACTED SUPPORTING RIDGE ON THE LOWER SIDE TO DIVERT OFFSITE RUNOFF AWAY FROM DISTURBED AREAS WITHIN THE PROJECT AREA. CHANNEL FOR OFFSITE RUNOFF SHALL BE STABILIZED WITH APPROPRIATE CHANNEL STABILIZATION. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR DESIGN CRITERIA. A DIVERSION CHANNEL DETAIL MUST ALSO BE PROVIDED IN THE ESPCP. RUNOFF FROM DISTURBED AREAS WITHIN THE PROJECT AREA SHALL NOT BE ALLOWED TO CONVERGE WITH OFFSITE RUNOFF WITHIN THIS DIVERSION.
Dnl	TEMPORARY DOWNDRAIN STRUCTURE FLEXIBLE CONSTRUCTION DETAIL D-19 SECTION 163	 LINE CODE 	A TEMPORARY PIPE SLOPE DRAIN IS A PLASTIC FLEXIBLE PIPE TO CARRY WATER FROM THE WORK AREA TO A LOWER ELEVATION. TEMPORARY SLOPE DRAINS SHOULD BE PLACED AT INTERVALS OF 350 FEET ON 0% - 2% GRADES, 200 FEET ON STEEPER GRADES AND MORE FREQUENTLY AS DICTATED BY FIELD CONDITIONS. THE TYPICAL PIPE SIZE IS A CORRUGATED 10". THE PIPE WILL BE ANCHORED WITH STAKES AT INTERVALS NOT TO EXCEED 10'. THE OUTLET AREA SHALL BE STABILIZED FOR VELOCITY DISSIPATION AND EROSION CONTROL.

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Dn2-A	PERMANENT DOWNDRAIN STRUCTURE CONCRETE CONSTRUCTION DETAIL D-9 SECTION 441	 LINE CODE 	A CONCRETE FLUME TYPE "A" IS USED TO DIRECT SURFACE RUNOFF DOWN A ROADWAY SLOPE INTO ANOTHER FORM OF CONTROL. IT IS USED IN ALL DEPRESSED AREAS WHERE WATER WILL FLOW DOWN THE SLOPE. IT IS DESIGNED FOR A 25-YEAR STORM AND MUST HAVE SOME FORM OF OUTLET PROTECTION. ADDITIONAL LABELING IS NOT REQUIRED IF SHOWN AS A PERMANENT DRAINAGE STRUCTURE ON THE CONSTRUCTION PLANS. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OTHER CRITERIA).
Dn2-B	PERMANENT DOWNDRAIN STRUCTURE CONCRETE CONSTRUCTION DETAIL D-9 SECTION 441	 LINE CODE 	A CONCRETE FLUME TYPE "B" IS USED TO DIRECT SURFACE DITCH RUNOFF DOWN A BACK SLOPE INTO ANOTHER FORM OF CONTROL. IT IS USED IN DEPRESSED AREAS WHERE CONCENTRATED OFFSITE WATER REACHES THE CUT SLOPE. IT IS DESIGNED TO SAFELY CONVEY WATER DOWN THE CUT SLOPE. IT IS DESIGNED FOR A 25-YEAR STORM AND MUST HAVE SOME FORM OF OUTLET PROTECTION. ADDITIONAL LABELING IS NOT REQUIRED IF SHOWN AS A PERMANENT DRAINAGE STRUCTURE ON THE CONSTRUCTION PLANS. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OR OTHER CRITERIA).
Dn2-1	PERMANENT DOWNDRAIN STRUCTURE GA. STD 9013 TP1, 9017J TP1, DETAIL D-26 TP1 SECTION 576, 577	 LINE CODE 	CONCRETE DRAIN INLET WITH METAL PIPE IS USED TO DRAIN CURBS, ON A GRADE, DOWN TO A LOWER ELEVATION. THIS IS A PERMANENT STRUCTURE, REQUIRING OUTLET PROTECTION, TEMPORARY AND PERMANENT. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OR OTHER CRITERIA).
Dn2-2	PERMANENT DOWNDRAIN STRUCTURE GA. STD 9013 TP2, 9017J TP2, DETAIL D-26 TP2 SECTION 576, 577	 LINE CODE 	CONCRETE DRAIN INLET AND METAL PIPE IS USED TO DRAIN CURB, IN A SAG, DOWN TO A LOWER ELEVATION. THIS IS A PERMANENT STRUCTURE, REQUIRING OUTLET PROTECTION, TEMPORARY AND PERMANENT. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OR OTHER CRITERIA).

NOTE:

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

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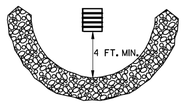
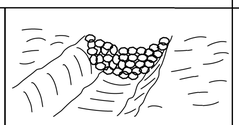
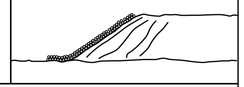
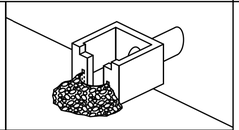
NO SCALE

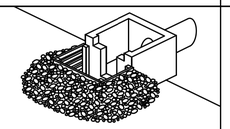
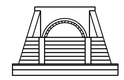
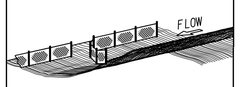
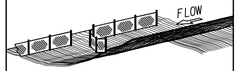
REVISION DATES
3/2/2017

EROSION CONTROL LEGEND
UNIFORM CODE SHEET
SHEET 4 OF 7

CHECKED:	D. EAGLETON	DATE:	01/01/16
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 52-0004

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Fr	FILTER RING CONSTRUCTION DETAIL D-46 SECTION 163 SYMBOL: Fr		A TEMPORARY STONE BARRIER CONSTRUCTED AT DRAINAGE STRUCTURE INLETS AND POST-CONSTRUCTION POND OUTLETS. IT REDUCES RUNOFF VELOCITY AND HELPS PREVENT SEDIMENT FROM LEAVING SITE PRIOR TO PERMANENT STABILIZATION OF THE DISTURBED AREA. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR ADDITIONAL INFORMATION ON USAGE.
Rd	ROCK FILTER DAM CONSTRUCTION DETAIL D-43 SECTION 163, 603 SYMBOL: Rd		ROCK FILTER DAMS ARE CONSTRUCTED OF TYPE 3 STONE RIP-RAP FACED WITH #57 STONE ON THE UPSTREAM SIDE. THEY ARE PLACED ACROSS DRAINAGEWAYS WHICH DRAIN 50 ACRES OR LESS. GEOTEXTILE UNDERLINER SHALL BE USED WHEN PLACING ROCK FILTER DAMS. THE DAM SHOULD NOT BE HIGHER THAN THE CHANNEL BANKS. ROCK FILTER DAMS SHOULD BE USED IN DITCHES PRIOR TO DISCHARGING INTO STREAMS, WETLANDS, OPEN-WATERS, OR OTHER ESAs.
Rd-B	STONE FILTER BERM CONSTRUCTION DETAIL D-50 SECTION 163, 603 LINE CODE: —Rd-B—		STONE FILTER BERMS ARE CONSTRUCTED SIMILAR TO ROCK FILTER DAMS FOR A LINEAR APPLICATION. THEY ARE CONSTRUCTED OF TYPE-3 STONE RIP-RAP FACED WITH #57 STONE ON THE UPSTREAM SIDE. GEOTEXTILE UNDERLINER SHALL BE USED WHEN PLACING STONE FILTER BERMS. STONE FILTER BERMS ARE IDEAL ALONG THE PERIMETER FOR SHEET FLOW AND/OR SHALLOW CONCENTRATED FLOW TO A COMMON LOW AREA WHERE PERIMETER SILT FENCE ALONE MAY BE INSUFFICIENT, THERE IS NO WELL-DEFINED CHANNEL FOR A STANDARD ROCK FILTER DAM, AND/OR CONSTRUCTING A ROCK OUTLET TEMPORARY SEDIMENT TRAP IS NOT APPLICABLE.
Rp	RIP-RAP SECTION 603 PATTERN: Rp		RIP-RAP IS A FLEXIBLE PERMANENT BLANKET FOR PROTECTION OF FILL SLOPES AND BRIDGE END ROLLS. RIP-RAP TYPE-1 SHOULD BE PLACED ON TOP OF A GEOTEXTILE UNDERLINER AT A MINIMUM 24" THICKNESS OR AS INDICATED ON THE PLANS. RIP-RAP MAY ALSO BE USED AT DRAINAGE STRUCTURE OUTLETS WITHIN THE RIGHT-OF-WAY. HOWEVER, APPROPRIATE OUTLET PROTECTION SHOULD BE PROVIDED AT OUTFALLS. REFER TO STORM DRAIN OUTLET PROTECTION FOR ADDITIONAL INFORMATION ON USING RIP-RAP AT OUTFALLS.
Rt-P	RETROFITTING PERFORATED HALF-ROUND PIPE CONSTRUCTION DETAIL D-44 SECTION 163 SYMBOL: Rt-P		A PERFORATED HALF-ROUND PIPE WITH STONE FILTER PLACED IN FRONT OF A PERMANENT STORMWATER DETENTION POND OUTLET STRUCTURE TO SERVE AS A TEMPORARY SEDIMENT FILTER. SHOULD BE USED ONLY IN DETENTION PONDS WITH LESS THAN 30 ACRES TOTAL DRAINAGE AREA. SHALL ONLY BE USED IN DETENTION BASINS LARGE ENOUGH TO STORE 67 CUBIC YARDS OF SEDIMENT PER ACRE OF DISTURBED AREA. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR DESIGN CRITERIA.

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Rt-B	RETROFITTING SLOTTED BOARD DAM CONSTRUCTION DETAIL D-45 SECTION 163 SYMBOL: Rt-B		A SLOTTED BOARD DAM CONSISTS OF STONE AND/OR FILTER FABRIC AND BOARDS WITH 0.5" - 1.0" SPACING TO SERVE AS A TEMPORARY SEDIMENT FILTER. PERMANENT STORMWATER DETENTION POND OUTLET: -DRAINAGE AREA UP TO 100 ACRES -DETENTION BASINS LARGE ENOUGH TO STORE 67 CUBIC YARDS OF SEDIMENT PER ACRE OF DISTURBED AREA ROADWAY DRAINAGE STRUCTURE: -OPEN END PIPES, WINGED HEADWALLS, OR CONCRETE WEIR OUTLETS WITH DRAINAGE AREA LESS THAN 30 ACRES REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR DESIGN CRITERIA.
Rt-Sg1 Rt-Sg2 Rt-Sg3	RETROFITTING SILT CONTROL GATES CONSTRUCTION DETAIL D-20 SECTION 163 SYMBOL: Rt-Sg1 Rt-Sg2 Rt-Sg3		A SILT CONTROL GATE CONSISTS OF BOARDS WITHOUT SPACING AND FILTER FABRIC TO BE USED FOR TEMPORARY SEDIMENT STORAGE ON ROADWAY PROJECTS AT THE INLET OF STRUCTURES WITH A DRAINAGE AREA UP TO 50 ACRES. THE DISTURBED AREA WITHIN THE DRAINAGE AREA SHALL NOT EXCEED 5 ACRES. SILT CONTROL GATES SHOULD NOT BE USED ALONE, BUT WITH ANOTHER BMP DOWNSTREAM PRIOR TO DISCHARGE LEAVING PROJECT AREA. DO NOT USE SILT GATES IN STATE WATERS. Rt-Sg1=TYPE 1: USED ON BOX CULVERTS Rt-Sg2=TYPE 2: USED ON STRAIGHT HEADWALLS Rt-Sg3=TYPE 3: USED ON FLARED END SECTIONS AND TAPERED HEADWALLS
Sdl-NS	SEDIMENT BARRIER (NON-SENSITIVE) SILT FENCE TYPE A CONSTRUCTION DETAIL D-24 SECTION 171 LINE CODE: —A—A—A—Sdl-NS—A—A—A—		SEDIMENT BARRIERS MINIMIZE AND PREVENT SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE PROJECT AREA BY CAUSING DEPOSITION AND/OR FILTRATION OF SEDIMENT. SILT FENCE USED AS PERIMETER CONTROL SHALL NOT BE INSTALLED ACROSS CONCENTRATED FLOW. TYPE-A SILT FENCE IS TYPICALLY USED IN NON-ENVIRONMENTALLY SENSITIVE AREAS (ESAs) OR IN AREAS WITH FILLS LESS THAN 10'. IT SHOULD BE PLACED A MINIMUM OF 10' FROM CONSTRUCTION LIMITS OR ALONG THE RIGHT-OF-WAY LINE.
Sdl-S	SEDIMENT BARRIER (SENSITIVE) SILT FENCE TYPE C CONSTRUCTION DETAIL D-24 SECTION 171 LINE CODE: —C—C—C—Sdl-S—C—C—C—		SEDIMENT BARRIERS MINIMIZE AND PREVENT SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE PROJECT AREA BY CAUSING DEPOSITION AND/OR FILTRATION OF SEDIMENT. SILT FENCE USED AS PERIMETER CONTROL SHALL NOT BE INSTALLED ACROSS CONCENTRATED FLOW. TYPE-C SILT FENCE IS TYPICALLY USED IN ENVIRONMENTALLY SENSITIVE AREAS (ESAs) OR IN AREAS WITH FILLS 10' AND GREATER. ALL ENVIRONMENTALLY SENSITIVE AREAS (ESAs) SHALL BE PROTECTED WITH A DOUBLE-ROW OF TYPE-C SILT FENCE REGARDLESS OF FILL HEIGHT. A SINGLE-ROW MAY BE USED FOR OTHER APPLICATIONS. IT SHOULD BE PLACED A MINIMUM OF 10' FROM CONSTRUCTION LIMITS OR ALONG THE RIGHT-OF-WAY LINE.

NOTE:

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

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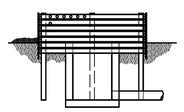
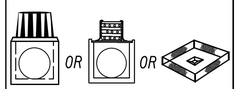
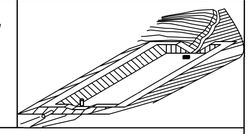
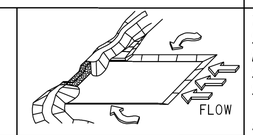
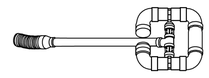
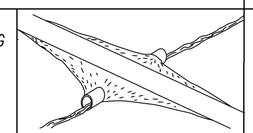
NO SCALE

REVISION DATES
3/2/2017

EROSION CONTROL LEGEND
UNIFORM CODE SHEET
SHEET 5 OF 7

CHECKED:	D. EAGLETON	DATE: 01/01/16	DRAWING No.
BACKCHECKED:		DATE:	52-0005
CORRECTED:		DATE:	
VERIFIED:		DATE:	

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Sd1-BB	SEDIMENT BARRIER BRUSH BARRIER CONSTRUCTION DETAIL D-24B SECTION 201		THIS ITEM CONSISTS OF INTERMINGLED BRUSH, LOGS, ETC. SO AS NOT TO FORM A SOLID DAM. CONSTRUCTED AT THE TOE OF FILL SLOPES ONLY DURING THE CLEARING AND GRUBBING OPERATION. THE BARRIER SHOULD BE USED AT THE TOE OF FILL SLOPES ON GRADING PROJECTS IN RURAL AREAS WHERE SUFFICIENT RIGHT OF WAY OR EASEMENT IS AVAILABLE (10 FEET OR MORE). THE BARRIER SHOULD RUN ROUGHLY PERPENDICULAR TO THE FLOW OF WATER WHERE THIS DOES NOT CONFLICT WITH RIGHT-OF-WAY OR EASEMENT LIMITS. THEY WILL NOT BE PLACED IN WETLANDS. TYPICALLY NOT SHOWN ON PLANS. PAYMENT FOR THIS ITEM IS INCLUDED IN THE CLEARING AND GRUBBING COST. NO SEPARATE PAYMENT SHALL BE MADE.
	LINE CODE * * * Sd1-BB * * *		
Sd2-B	INLET SEDIMENT TRAP (BAFFLE BOX) CONSTRUCTION DETAIL D-42 SECTION 163		BAFFLE BOX INLET SEDIMENT TRAP USED FOR INLETS RECEIVING HIGH FLOW RATE AND/OR VELOCITY. A GUIDE FOR USE WILL BE FOR AN INLET RECEIVING FLOW RATES 7 cfs AND GREATER.
	SYMBOL Sd2-B		
Sd2-Bg	INLET SEDIMENT TRAP (BLOCK & GRAVEL) CONSTRUCTION DETAIL D-42 SECTION 163		BLOCK AND GRAVEL DROP INLET PROTECTION USED FOR WHERE HEAVY FLOWS ARE EXPECTED AND WHERE OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE. CAN BE USED AT CULVERT INLETS. A GUIDE FOR USE WILL BE FOR AN INLET RECEIVING FLOW RATES THAT RANGE FROM 5 - 7 cfs.
	SYMBOL Sd2-Bg		
Sd2-F	INLET SEDIMENT TRAP (FILTER FABRIC) CONSTRUCTION DETAIL D-42 SECTION 163		(a) A SEDIMENT BARRIER CONSISTING OF A PREFABRICATED FRAME WITH FILTER FABRIC USED AROUND A DROP INLET OR CATCH BASIN. (b) A SEDIMENT BARRIER CONSISTING OF A PERFORATED METAL STAND PIPE WITH FILTER FABRIC USED AROUND A DROP INLET OR CATCH BASIN. (c) TYPE C SILT FENCE WITH SUPPORTING FRAME CAN BE USED AS AN ALTERNATE TO INLET SEDIMENT TRAP FOR AREAS WITH SLOPES < 5%. THIS ITEM IS USED TO PREVENT SILT FROM ENTERING THE PIPE SYSTEM. SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS. RECOMMENDED FOR INLET RECEIVING FLOW RATES THAT RANGE FROM 0 - 4 cfs.
	SYMBOL Sd2-F		
Sd2-G	INLET SEDIMENT TRAP (GRAVEL) CONSTRUCTION DETAIL D42 SECTION 163		GRAVEL DROP INLET PROTECTION USED WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED. STONE AND GRAVEL ARE USED TO TRAP SEDIMENT. THE SLOPE TOWARD THE INLET SHALL BE NO MORE THAN 3:1. A GUIDE FOR USE WILL BE FOR AN INLET RECEIVING FLOW RATES THAT RANGE FROM 3 - 5 cfs.
	SYMBOL Sd2-G		

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Sd3	TEMPORARY SEDIMENT BASIN CONSTRUCTION DETAIL D-22A, D-22B SECTION 163		A BASIN CREATED BY EXCAVATING AN AREA, DAMMING CONCENTRATED FLOW, OR A COMBINATION OF BOTH. THE BASIN IS DESIGNED TO STORE 67 CUBIC YARDS OF SEDIMENT PER ACRE OF DRAINAGE AREA. THE DRAINAGE AREA SHOULD NOT EXCEED 150 ACRES. BASINS TYPICALLY CONSISTS OF A DAM, PRINCIPAL SPILLWAY, AND AN EMERGENCY SPILLWAY. A FLOATING SURFACE SKIMMER SHALL BE REQUIRED AS PART OF THE PRINCIPAL SPILLWAY UNLESS INFEASIBLE. SUFFICIENT RIGHT-OF-WAY OR EASEMENT IS NEEDED FOR BASIN CONSTRUCTION AND MAINTENANCE ACCESS. SEDIMENT BASINS SHALL BE CONSIDERED ON ALL PROJECTS, BUT MAY NOT BE PRACTICAL. BASINS SHOULD BE LOCATED TO MINIMIZE INTERFERENCE WITH CONSTRUCTION ACTIVITIES AND UTILITIES. REFER TO THE LATEST EDITION OF THE 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA' FOR DESIGN CRITERIA.
	SYMBOL Sd3		
Sd4-C	ROCK OUTLET TEMPORARY SEDIMENT TRAP CONSTRUCTION DETAIL D-53 SECTION 163		TEMPORARY POND WITH ROCK OUTLET DESIGNED TO STORE 67 CUBIC YARDS OF SEDIMENT PER DRAINAGE AREA. DRAINAGE AREA SHALL NOT EXCEED 5 ACRES. DISTINGUISHED FROM TEMPORARY SEDIMENT BASIN BY LACK OF PRINCIPAL SPILLWAY. MAXIMUM POND DEPTH FROM BOTTOM OF POND TO EMERGENCY SPILLWAY IS 4 FEET. A TEMPORARY SEDIMENT BASIN SHALL BE EVALUATED PRIOR TO CONSIDERING A TEMPORARY SEDIMENT TRAP. A TEMPORARY SEDIMENT TRAP IS IDEAL FOR SMALL AREAS WITH NO UNUSUAL DRAINAGE FEATURES AND EFFECTIVE AGAINST COARSE SEDIMENT, BUT NOT AGAINST SILT OR CLAY PARTICLES THAT REMAIN SUSPENDED. REFER TO THE LATEST EDITION OF THE 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA' FOR DESIGN CRITERIA.
	SYMBOL Sd4-C		
Sk	FLOATING SURFACE SKIMMER CONSTRUCTION DETAIL D-22A, D-22B SECTION 163		A BUOYANT DEVICE THAT DRAINS WATER FROM THE SURFACE OF A TEMPORARY SEDIMENT BASIN AT A CONTROLLED FLOW RATE. THE INLET/ORIFICE SIZE IS DESIGNED TO DRAIN THE BASIN WITHIN 24 - 48 HOURS. THE SKIMMER INFORMATION SHALL BE PROVIDED IN CONJUNCTION WITH THE SEDIMENT BASIN INFORMATION IN PLANS. IF A SKIMMER IS INFEASIBLE, THE DESIGNER SHALL PROVIDE A WRITTEN JUSTIFICATION IN THE PLANS. SKIMMERS ARE ATTACHED TO A RISER WITHOUT PERFORATIONS AND ACTS AS THE PRIMARY SPILLWAY. THE SKIMMER BMP SYMBOL SHALL BE SHOWN IN CONJUNCTION WITH THE TEMPORARY SEDIMENT BASIN BMP SYMBOL WHEN APPLICABLE. REFER TO THE LATEST EDITION OF THE 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA' FOR ADDITIONAL INFORMATION.
	SYMBOL Sk		
Sr	TEMPORARY STREAM CROSSING SECTION 107		A TEMPORARY STRUCTURE INSTALLED ACROSS A FLOWING STREAM OR WATERCOURSE FOR USE BY CONSTRUCTION EQUIPMENT. THIS BMP PROVIDES A MEANS TO CROSS STREAMS OR WATERCOURSES WITHOUT MOVING SEDIMENT INTO STREAMS, DAMAGING THE STREAM BED OR CHANNEL, OR CAUSING FLOODING. THIS BMP SHOULD NOT BE USED ON STREAMS WITH DRAINAGE AREAS GREATER THAN ONE SQUARE MILE, UNLESS SPECIFICALLY DESIGNED TO ACCOMMODATE THE ADDITIONAL DRAINAGE AREA BY THE DESIGN PROFESSIONAL. A CERTIFICATION STATEMENT AND SIGNATURE SHALL ACCOMPANY THE DESIGN. THIS BMP SHALL BE DESIGNED ACCORDING TO THE LATEST EDITION OF THE 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA'. FOR CONTRACTOR'S USE ONLY!
	SYMBOL Sr		

NOTE:

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA'.

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MARIETTA, GEORGIA 30066-5393
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NO SCALE

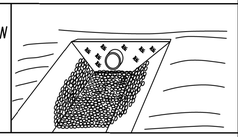
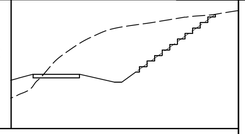
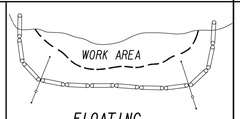
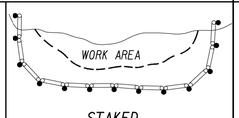
REVISION DATES
3/2/2017

EROSION CONTROL LEGEND

UNIFORM CODE SHEET

SHEET 6 OF 7

CHECKED:	D. EAGLETON	DATE: 01/01/16	DRAWING No.
BACKCHECKED:		DATE:	52-0006
CORRECTED:		DATE:	
VERIFIED:		DATE:	

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
St	STORM DRAIN OUTLET PROTECTION GA. STD. 1125 & 2332	 SYMBOL St	A PIPE OR BOX CULVERT OUTLET HEADWALL WITH AN APRON AND DISSIPATOR BLOCKS IS USED TO REDUCE VELOCITY AT THE OUTLET OF A PIPE PRIOR TO ENTERING AN EXISTING STREAM OR PUBLICLY MAINTAINED DRAINAGE SYSTEM. IT IS USED ON THE OUTLET OF ALL BOX CULVERTS AND ON 48" AND LARGER PIPES. MAY BE USED ON INLET FOR FLOWING STREAMS. USE ON SMALL PIPES WHEN OUTLET VELOCITY OF THE 25-YEAR STORM IS 12 fps AND GREATER.
St-Rp	STORM DRAIN OUTLET PROTECTION (RIP-RAP) CONSTRUCTION DETAIL D-55 SECTION 603	 PATTERN FLAT AREA St-Rp OR St-Rp WELL-DEFINED CHANNEL	RIP-RAP OUTLET PROTECTION IS USED TO REDUCE VELOCITY AT THE OUTLET OF A PIPE, CHANNEL, OR STRUCTURE PRIOR TO ENTERING AN EXISTING STREAM OR PUBLICLY MAINTAINED DRAINAGE SYSTEM. THE MINIMUM DESIGN OF RIP-RAP OUTLET PROTECTION SHALL BE THE 25-YEAR STORM PEAK FLOW, BUT LARGER STORMS ARE RECOMMENDED. TYPE-1 RIP-RAP AT A DEPTH OF 36" AND PLACED ON FILTER FABRIC IS PREFERRED FOR ALL d50 </= 1.2 FEET. TYPE-3 RIP-RAP AT A DEPTH OF 18" AND PLACED ON FILTER FABRIC MAY BE USED FOR d50 </= 0.7 FEET. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR REQUIRED DESIGN DIMENSIONS AND OTHER INFORMATION TO BE INCLUDED IN THE PLANS.
Su	SURFACE ROUGHENING SERRATED SLOPES CONSTRUCTION DETAIL S-7 SECTION 205	 LINE CODE Su	PROVIDING A ROUGH SOIL SURFACE WITH HORIZONTAL DEPRESSIONS, BY OPERATING A CLEATED DOZER ON THE SLOPE IN A VERTICAL DIRECTION. CREATING SERRATED SLOPES IN THE GRADING PROCESS TO CONSTRUCT BENCHES WILL REDUCE RUNOFF VELOCITY AND INCREASE INFILTRATION OF WATER. IN MOST CASES THIS BMP IS NOT REQUIRED TO BE SHOWN ON THE PLANS, BUT REQUIRED TO BE COMPLETED BY THE CONTRACTOR UNDER ALL PROJECTS. IF SERRATED SLOPES ARE SPECIFIED BY THE SOIL SURVEY, THEN THIS BMP SHALL BE SHOWN ON THE PLANS WHERE SERRATED SLOPES ARE TO BE USED.
Tc-F	TURBIDITY CURTAIN FLOATING CONSTRUCTION DETAIL D-51 SECTION 170	 WORK AREA FLOATING LINE CODE Tc-F	A FLOATING TURBIDITY CURTAIN IS USED TO PREVENT SEDIMENT FROM MOVING IN WATER BY ALLOWING IT TO DROP OUT OF SUSPENSION AND REMAIN WITHIN THE CONSTRUCTION AREA. IT IS TYPICALLY USED WHERE CONSTRUCTION IS REQUIRED IN A LARGE BODY OF WATER SUCH AS LAKES AND RIVERS. IT SHOULD BE USED AS DIRECTED BY THE ENGINEER. THIS BMP IS ONLY TO BE USED WHEN PERMITTED FILL IS BEING PLACED INTO A STATE WATER, OR AS A SUPPLEMENT TO ADEQUATELY PLACED PERIMETER BMPs. IT MAY ALSO BE REFERRED TO AS A FLOATING BOOM, SILT BARRIER, OR SILT CURTAIN.
Tc-S	TURBIDITY CURTAIN STAKED CONSTRUCTION DETAIL D-51 SECTION 170	 WORK AREA STAKED LINE CODE Tc-S	A STAKED TURBIDITY CURTAIN IS USED TO PREVENT SEDIMENT FROM MOVING IN WATER BY ALLOWING IT TO DROP OUT OF SUSPENSION AND REMAIN WITHIN THE CONSTRUCTION AREA. IT IS TYPICALLY USED IN SHALLOW INUNDATED AREAS. IT MAY BE USED TO PROTECT A SMALL STREAM BEING REALIGNED OR RESTORED. IN THIS CASE, CURTAIN SHOULD EXTEND TO BOTTOM OF STREAMBED. THE HEIGHT SHOULD BE LIMITED TO 5 FEET UNLESS DIRECTED AND EXTEND 2 FEET ABOVE NORMAL WATER ELEVATION. IT SHOULD BE USED AS DIRECTED BY THE ENGINEER. THIS BMP IS ONLY TO BE USED WHEN PERMITTED FILL IS BEING PLACED INTO A STATE WATER, OR AS A SUPPLEMENT TO ADEQUATELY PLACED PERIMETER BMPs. IT MAY BE REFERRED TO AS A SILT BARRIER OR SILT CURTAIN.

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION

NOTE:

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

Heath & Lineback Engineers
INCORPORATED
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NO SCALE

REVISION DATES
3/2/2017

EROSION CONTROL LEGEND
UNIFORM CODE SHEET
SHEET 7 OF 7

CHECKED:	D. EAGLETON	DATE: 01/01/16	DRAWING No.
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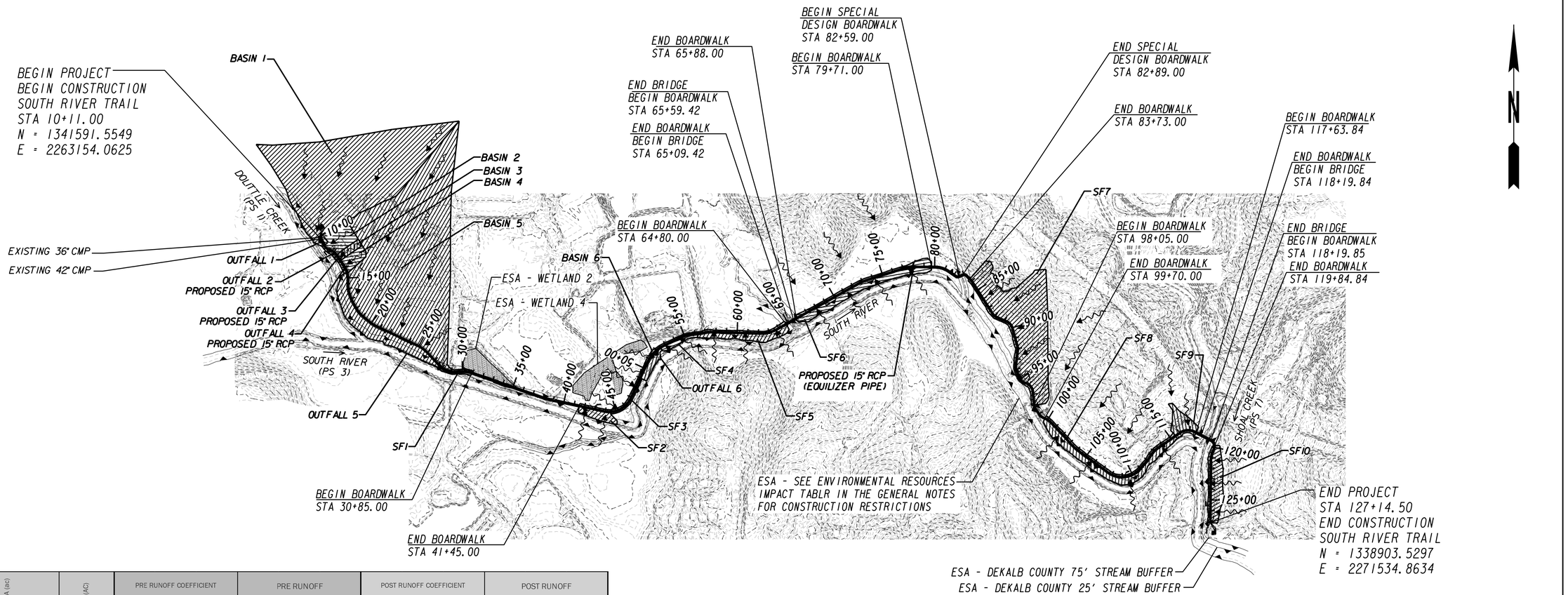
VERIFIED:		DATE:	



SHEET FLOW AREA	CONTRIBUTING AREA (ac)	DISTURBED AREA (AC)	PRE RUNOFF COEFFICIENT			PRE RUNOFF			POST RUNOFF COEFFICIENT			POST RUNOFF		
			C_{25}	C_{50}	C_{100}	Q_{25}	Q_{50}	Q_{100}	C_{25}	C_{50}	C_{100}	Q_{25}	Q_{50}	Q_{100}
SF1	0.20	0.20	0.17	0.18	0.19	0.30	0.37	0.43	0.40	0.43	0.45	0.73	0.90	1.04
SF2	0.84	0.45	0.17	0.18	0.19	1.28	1.57	1.82	0.26	0.29	0.30	2.04	2.50	2.91
SF3	0.42	0.42	0.17	0.18	0.19	0.63	0.78	0.90	0.43	0.47	0.49	1.65	2.02	2.35
SF4	0.54	0.34	0.17	0.18	0.19	0.82	1.01	1.17	0.33	0.37	0.38	1.67	2.04	2.37
SF5	1.72	0.83	0.17	0.18	0.19	2.63	3.23	3.75	0.29	0.32	0.33	4.67	5.72	6.65
SF6	3.03	1.60	0.17	0.18	0.19	4.63	5.67	6.59	0.28	0.31	0.32	7.86	9.63	11.18
SF7	11.04	1.49	0.18	0.20	0.21	16.00	19.61	22.99	0.22	0.24	0.25	18.89	23.16	27.14
SF8	3.16	1.56	0.17	0.18	0.19	4.82	5.91	6.86	0.29	0.32	0.33	8.56	10.49	12.18
SF9	1.04	0.29	0.31	0.34	0.35	2.98	3.65	4.24	0.36	0.39	0.41	3.49	4.28	4.97
SF10	2.04	0.78	0.17	0.18	0.19	3.12	3.83	4.45	0.25	0.28	0.29	4.83	5.91	6.87

TOTAL PROJECT AREA: 12.45 AC
DISTURBED AREA: 10.45 AC

BASIN NO.	CONTRIBUTING AREA (ac)	DISTURBED AREA (AC)	PRE RUNOFF COEFFICIENT			PRE RUNOFF			POST RUNOFF COEFFICIENT			POST RUNOFF			Hw_{50}	Hw_{100}	V_{50}	V_{100}
			C_{25}	C_{50}	C_{100}	Q_{25}	Q_{50}	Q_{100}	C_{25}	C_{50}	C_{100}	Q_{25}	Q_{50}	Q_{100}				
Basin 1	23.54	0.07	0.62	0.68	0.71	52.52	64.68	71.72	0.63	0.68	0.71	52.58	64.75	71.80	754.65	755.05	9.48	9.78
Basin 2	1.53	0.20	0.30	0.33	0.34	4.27	5.23	6.08	0.33	0.36	0.38	4.70	5.75	6.69	755.6	755.9	8.53	8.85
Basin 3	0.43	0.08	0.47	0.51	0.53	1.88	2.31	2.68	0.51	0.56	0.58	2.06	2.52	2.93	754.48	754.57	3.32	3.86
Basin 4	0.75	0.15	0.45	0.49	0.51	3.10	3.80	4.42	0.48	0.53	0.55	3.36	4.12	4.78	754.31	754.46	4.25	5.02
Basin 5	34.52	1.62	0.54	0.59	0.61	59.33	73.22	80.27	0.54	0.59	0.61	59.38	73.28	80.34	N/A	N/A	1.328	1.45
Basin 6	0.69	0.37	0.17	0.18	0.19	1.05	1.29	1.50	0.30	0.32	0.34	1.90	2.33	2.70	N/A	N/A	0.387	0.44

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SCALE IN FEET
0 500 1000 2000

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

EROSION CONTROL DRAINAGE AREA MAP

South River Trail, Phase 5

CHECKED:	PTP	DATE: 04-21-2018	DRAWING No.
BACKCHECKED:	CAD	DATE: 05-07-2018	
CORRECTED:	AE & PAL	DATE: 05-07-2018	53-0001
VERIFIED:	MWH	DATE: 05-07-2018	

7/31/2015 GPLN

BEGIN PROJECT
BEGIN CONSTRUCTION
SOUTH RIVER TRAIL
STA 10+11.00
N = 1341591.5549
E = 2263154.0625

TIE TO EXISTING
GRAVEL PARKING LOT

01
BOARD OF REGENTS OF
THE UNIVERSITY SYSTEM OF GEORGIA
TAX ID 15-088-01-002

CONCRETE WASHOUT AREA
EASEMENT FOR CONSTRUCTION
& MAINTENANCE OF SLOPES

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
ESA - DEKALB COUNTY 75' STREAM BUFFER

11+00
12+00
13+00
14+00

P.T. 11+75.30
P.C. 11+02.90
CURVE #1
S 30°47'29" E
℄ SOUTH RIVER TRAIL & PGL
TYPE A RAMP
ORANGE BARRIER FENCE (TYP)
P.C. 11+82.68
S 72°16'18" E
CURVE #2
S 34°51'36" E
P.T. 12+47.98
P.C. 13+73.41
CURVE #3

MATCHLINE STA 14+50
N 1341256.26
E 2263419.24
SEE SHEET 54-0002

ESA - 25' STREAM BUFFER

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

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SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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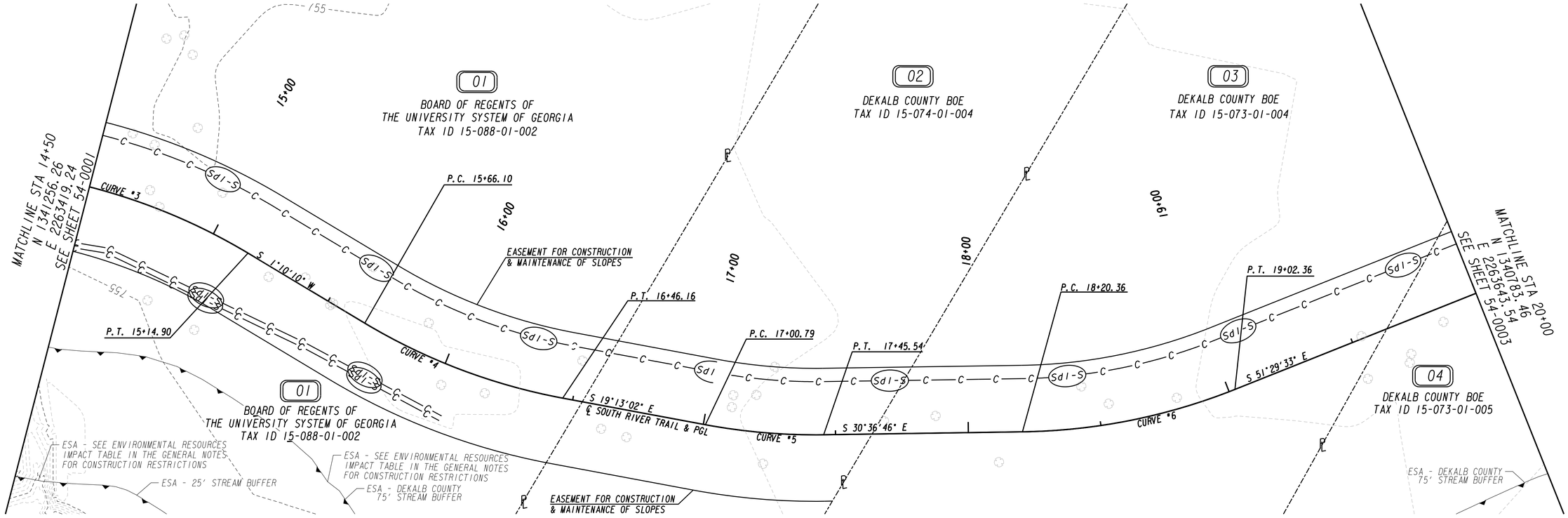
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0001

7/31/2015 GPLN



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
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LIMIT OF ACCESS
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SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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DRAWING No. 54-0002

7/31/2015 GPLN

03
DEKALB COUNTY BOE
TAX ID 15-073-01-004

04
DEKALB COUNTY BOE
TAX ID 15-073-01-005

21+00
22+00
23+00
24+00
25+00

℄

P.C. 20+01.12
P.T. 20+53.28
CURVE #7
S 64°46'29" E
S 51°29'33" E
℄ SOUTH RIVER TRAIL & PGL
CURVE #8
P.C. 24+86.61

EASEMENT FOR CONSTRUCTION
& MAINTENANCE OF SLOPES

ESA - SEE ENVIRONMENTAL RESOURCES
IMPACT TABLE IN THE GENERAL NOTES
FOR CONSTRUCTION RESTRICTIONS
ESA - DEKALB COUNTY 75' STREAM BUFFER

MATCHLINE STA 20+00
N 1340783.46
E 2263643.54
SEE SHEET 54-0002

MATCHLINE STA 25+50
N 1340537.76
E 2264134.70
SEE SHEET 54-0004

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
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LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

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SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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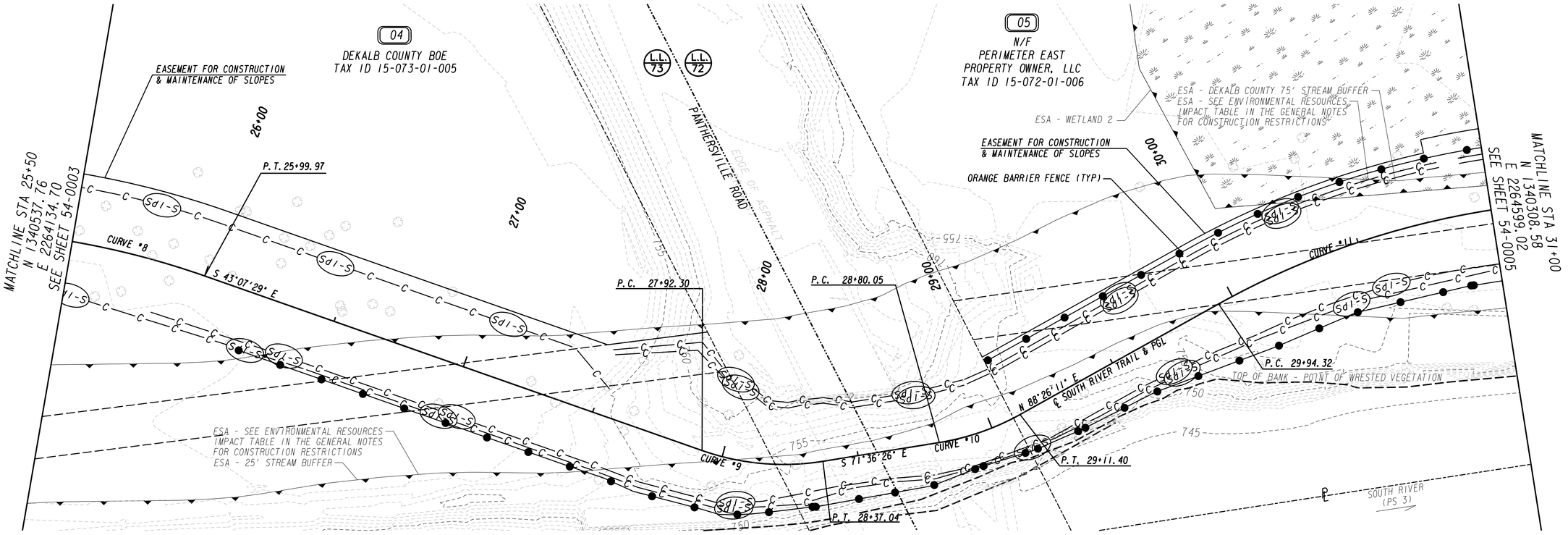
DRAWING No. 54-0003

7/31/2015 GPLN



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

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SCALE IN FEET
0 20 40 80

REVISION DATES		

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 1 - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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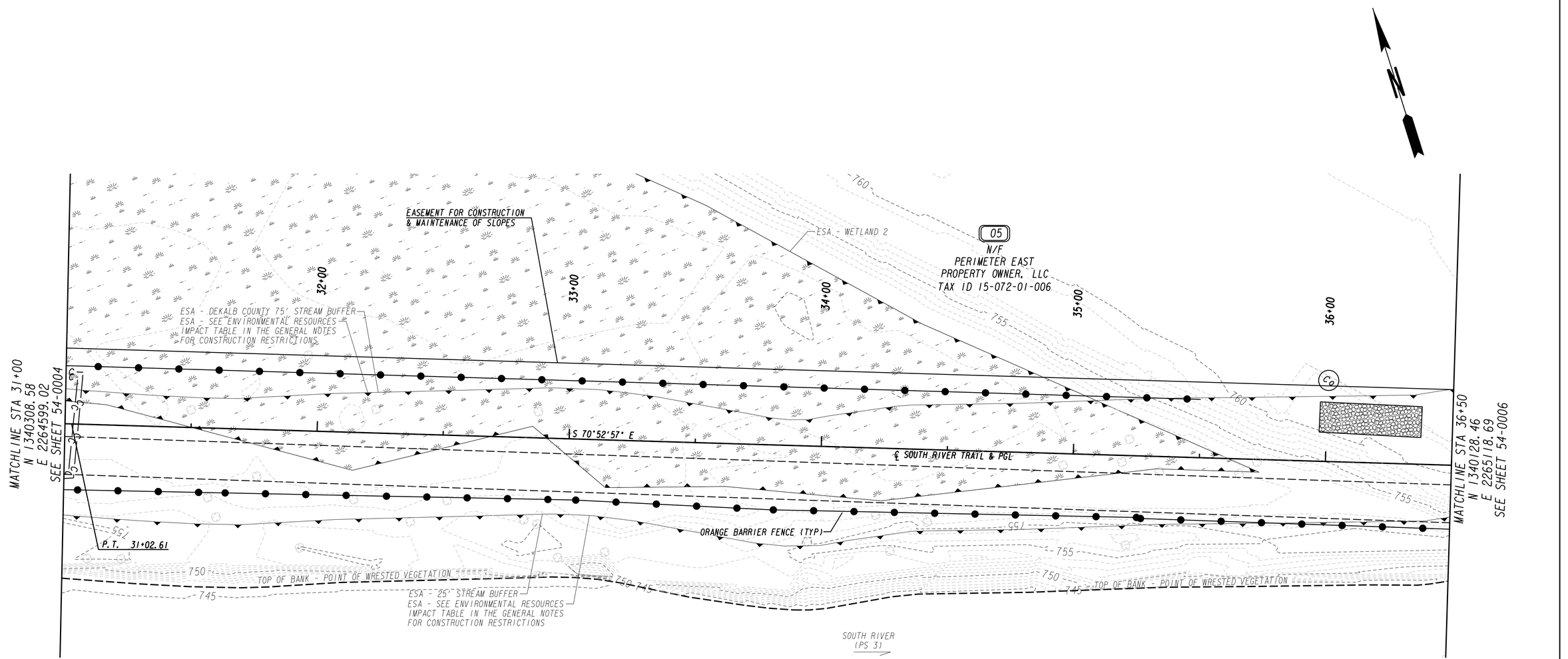

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 1 - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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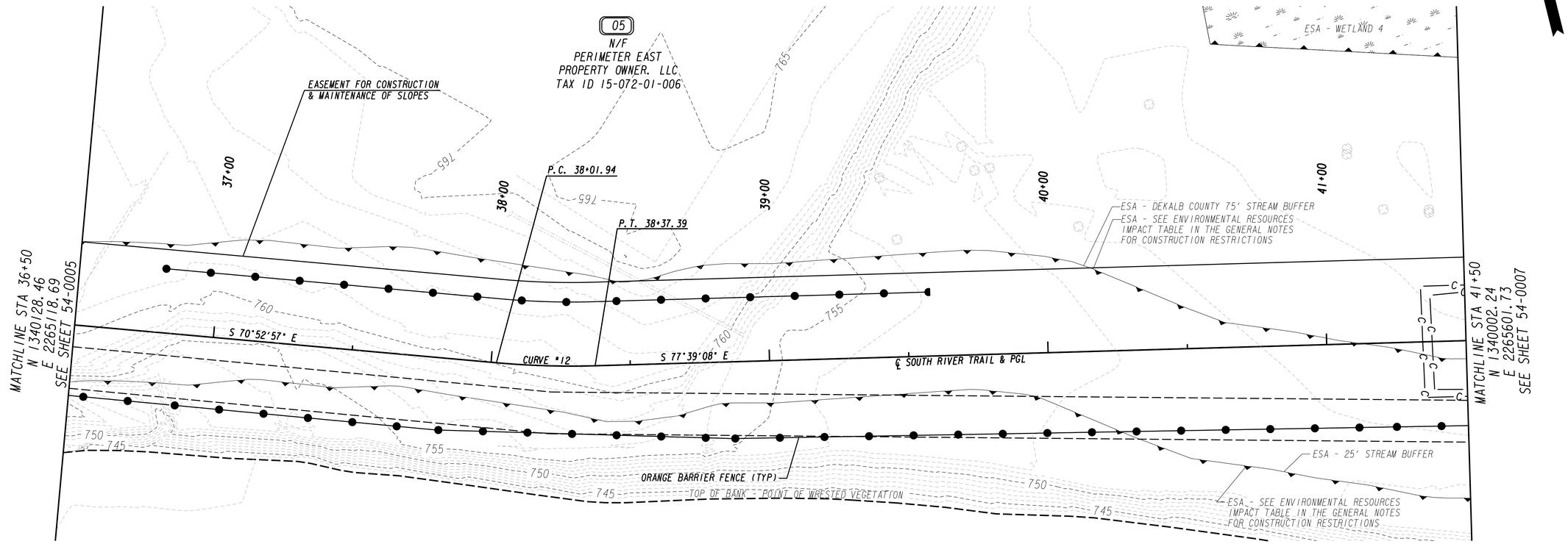
DRAWING No.
54-0005

7/31/2015 GPLN



PROPERTY AND EXISTING R/W LINE
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EASEMENT FOR CONSTR OF SLOPES
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS
STAGE I - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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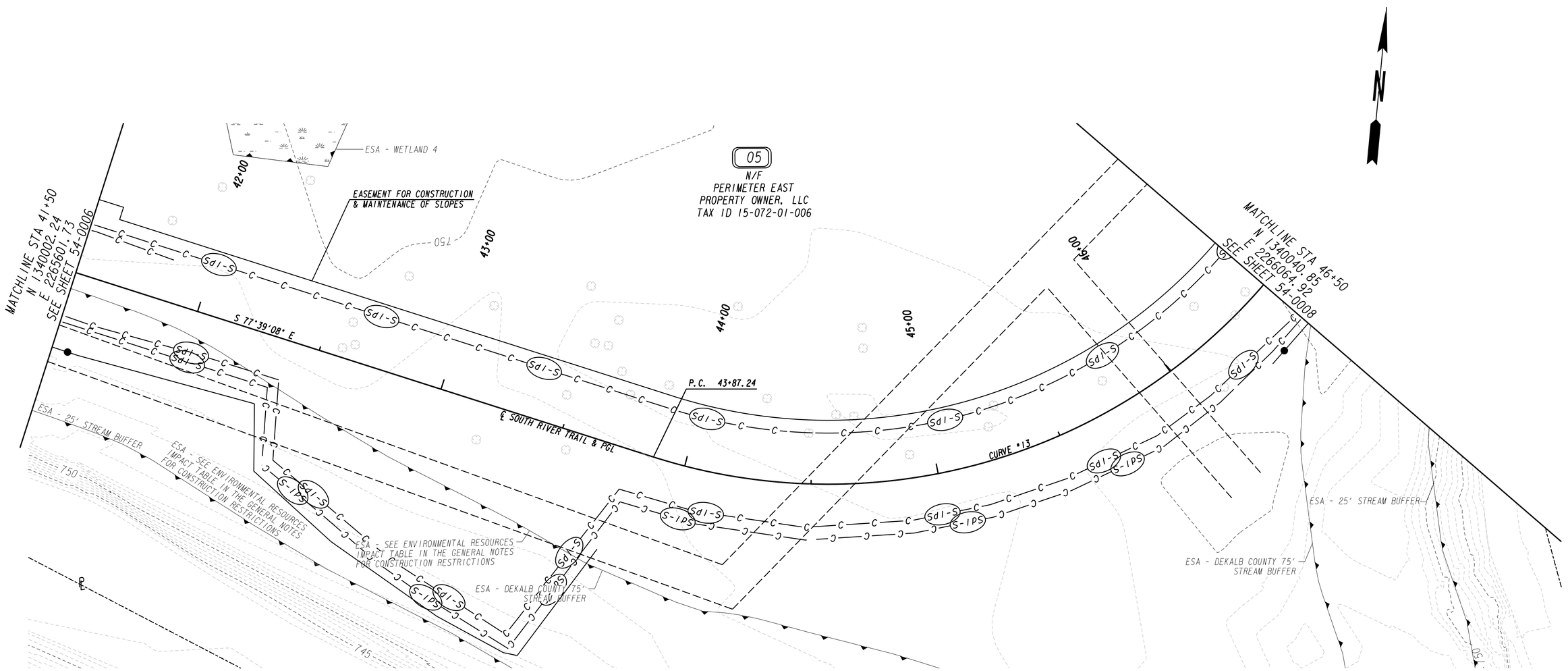
DRAWING No. 54-0006

7/31/2015 GPLN



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

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SCALE IN FEET
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 1 - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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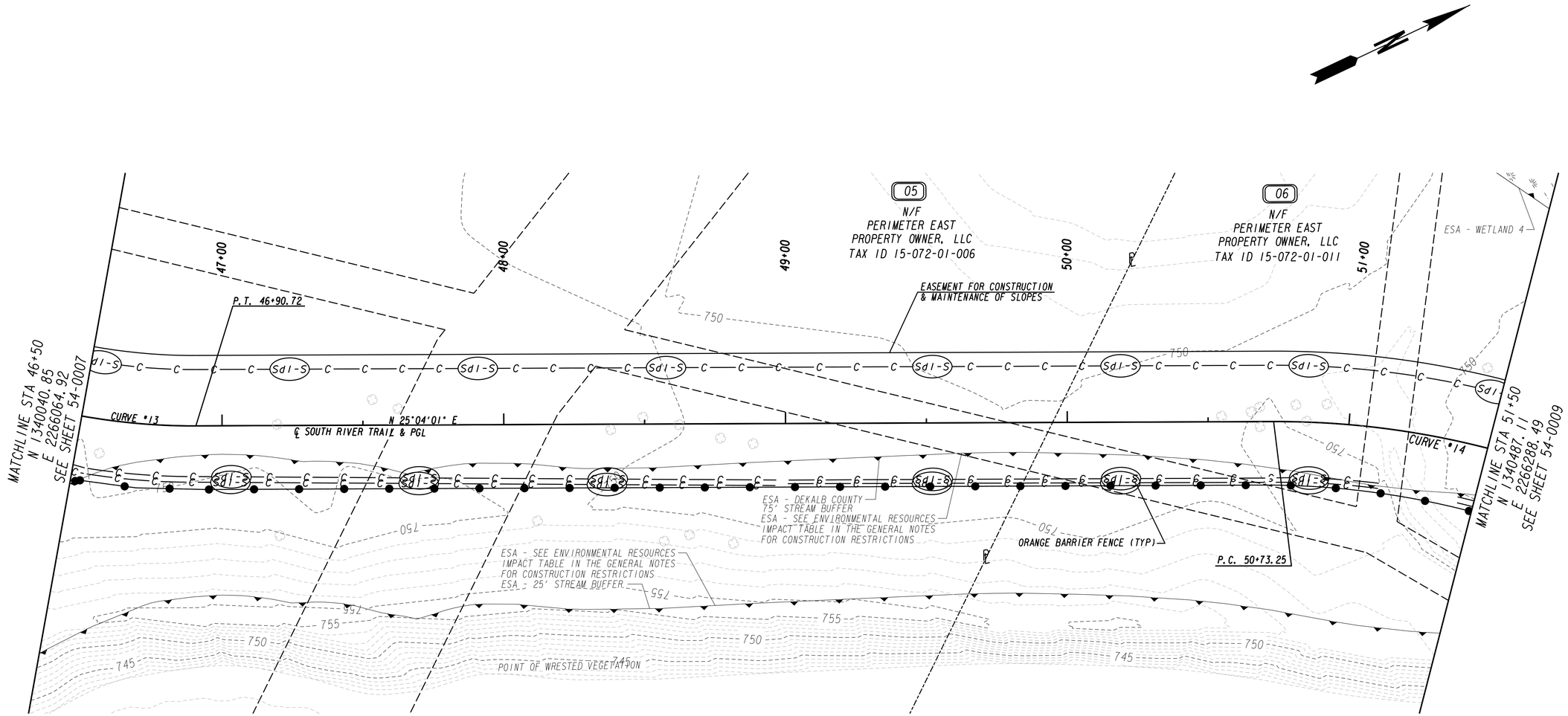
DRAWING No. 54-0007

7/31/2015 GPLN



PROPERTY AND EXISTING R/W LINE
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LIMIT OF ACCESS
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DRAWING No. 54-0008

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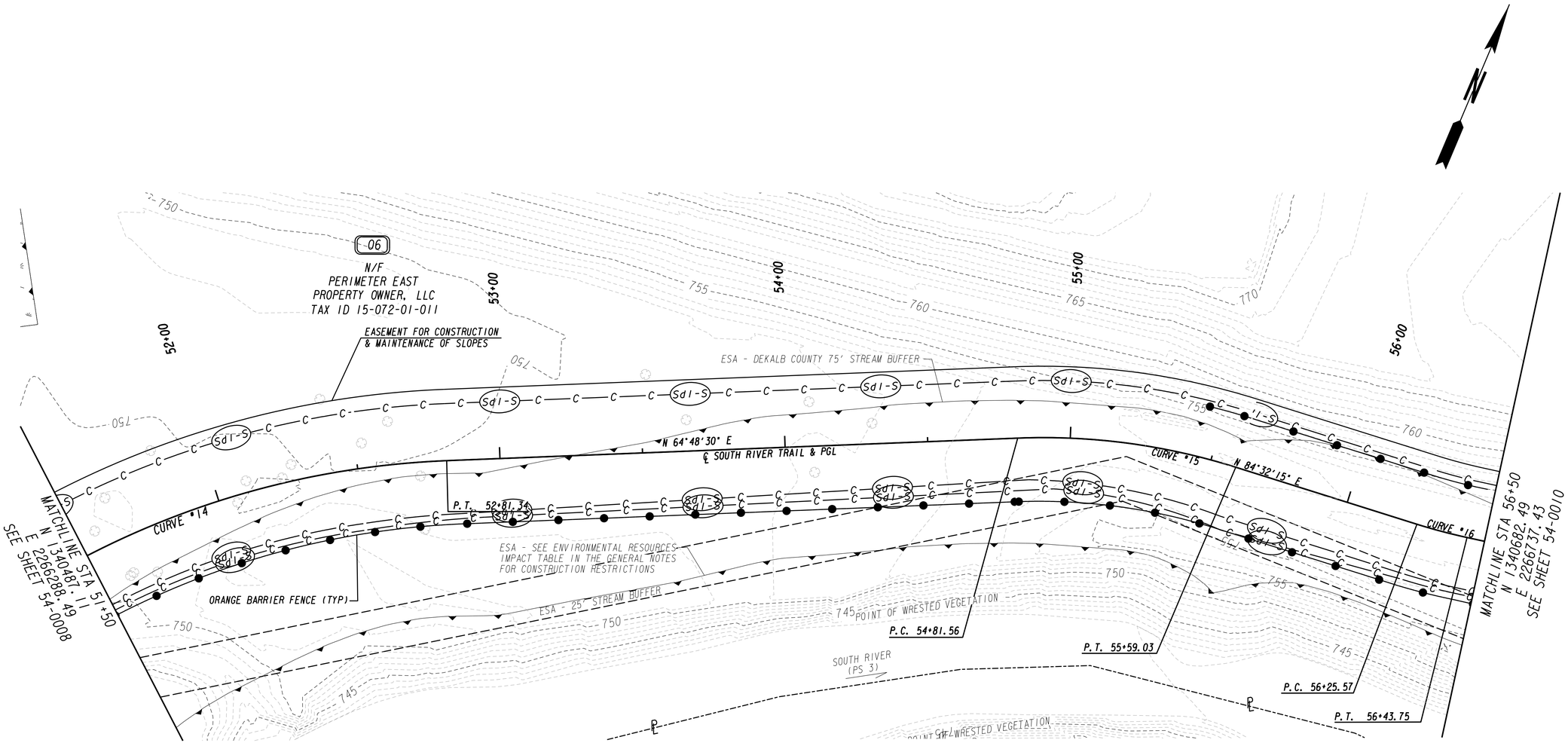

PROPERTY AND EXISTING R/W LINE
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EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

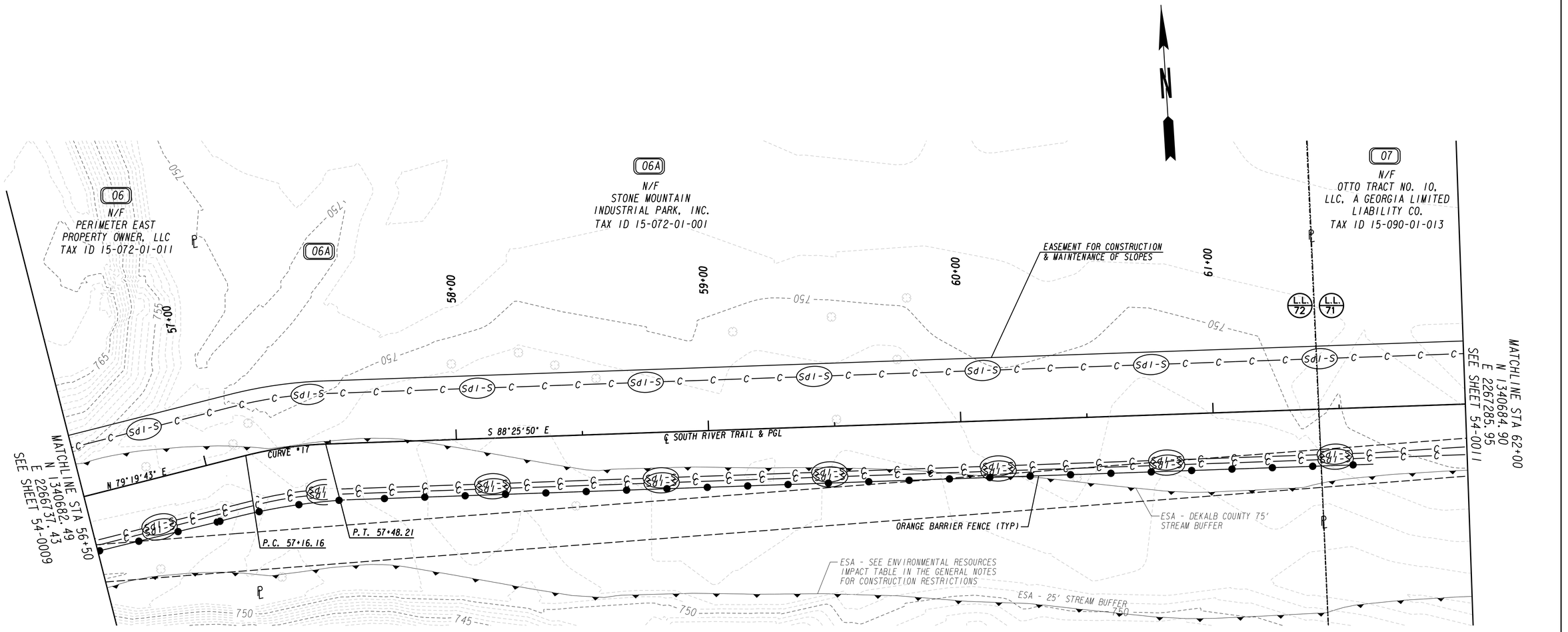
SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018	DRAWING No.
BACKCHECKED:	CAD	DATE:	05-07-2018	
CORRECTED:	AE & PAL	DATE:	05-07-2018	54-0009
VERIFIED:	MWH	DATE:	05-07-2018	

7/31/2015 GPLN



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
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LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

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SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 1 - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
BACKCHECKED:	CAD	DATE:	05-07-2018
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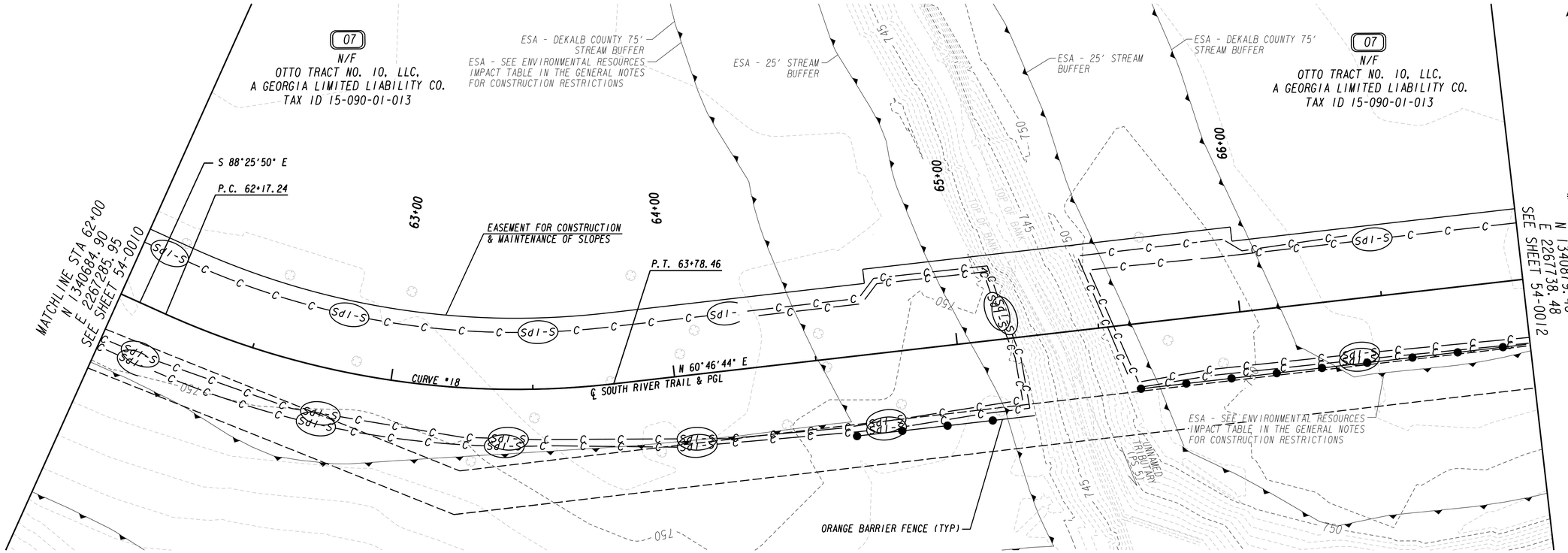
VERIFIED:	WMH	DATE:	05-07-2018

DRAWING No. 54-0010

7/31/2015 GPLN



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

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LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

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SCALE IN FEET
0 20 40 80

REVISION DATES		

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 1 - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018	DRAWING No.
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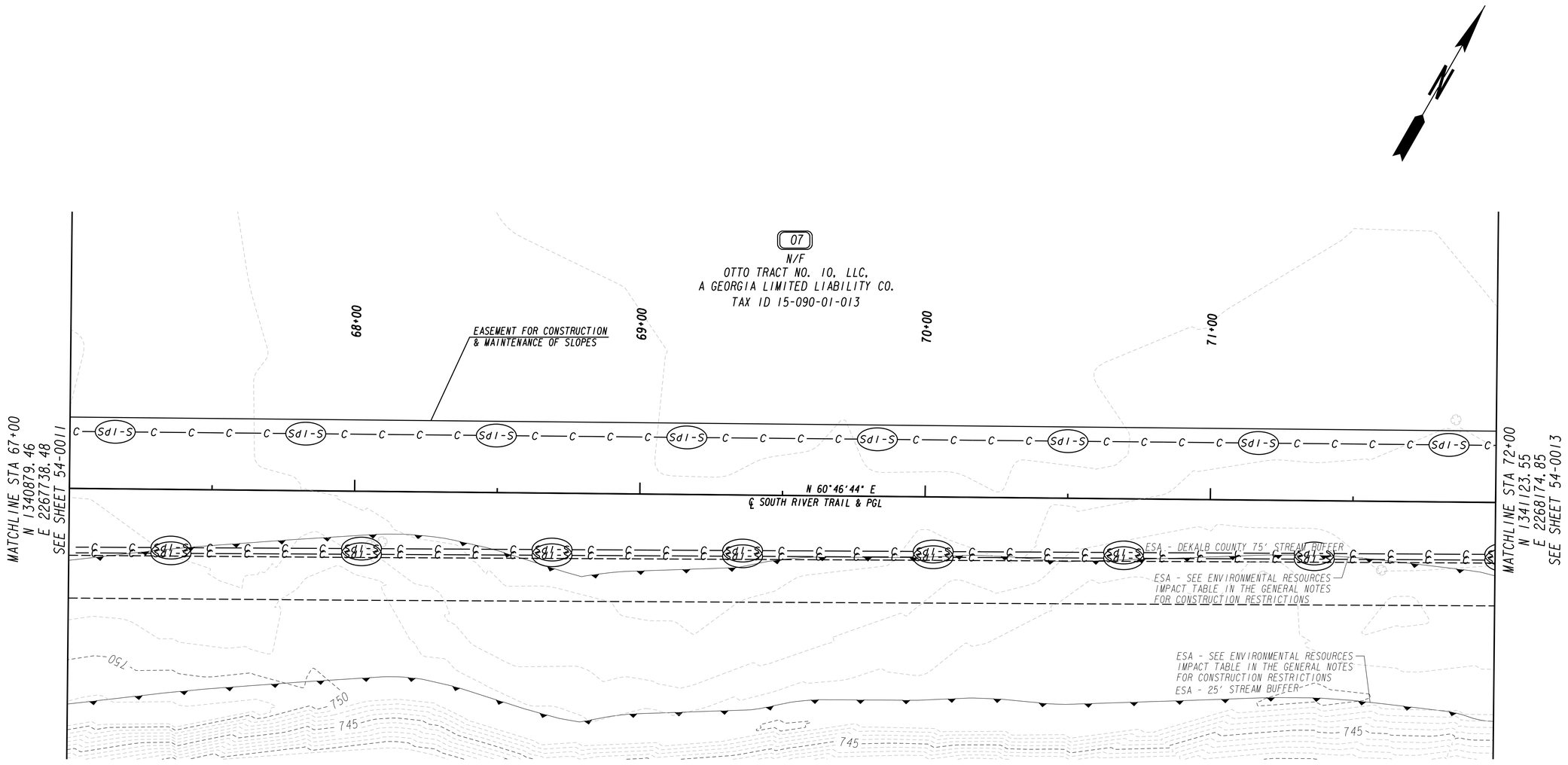
CORRECTED:	AE & PAL	DATE:	05-07-2018	54-0011
VERIFIED:	MWH	DATE:	05-07-2018	

7/31/2015 GPLN



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

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 1 - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
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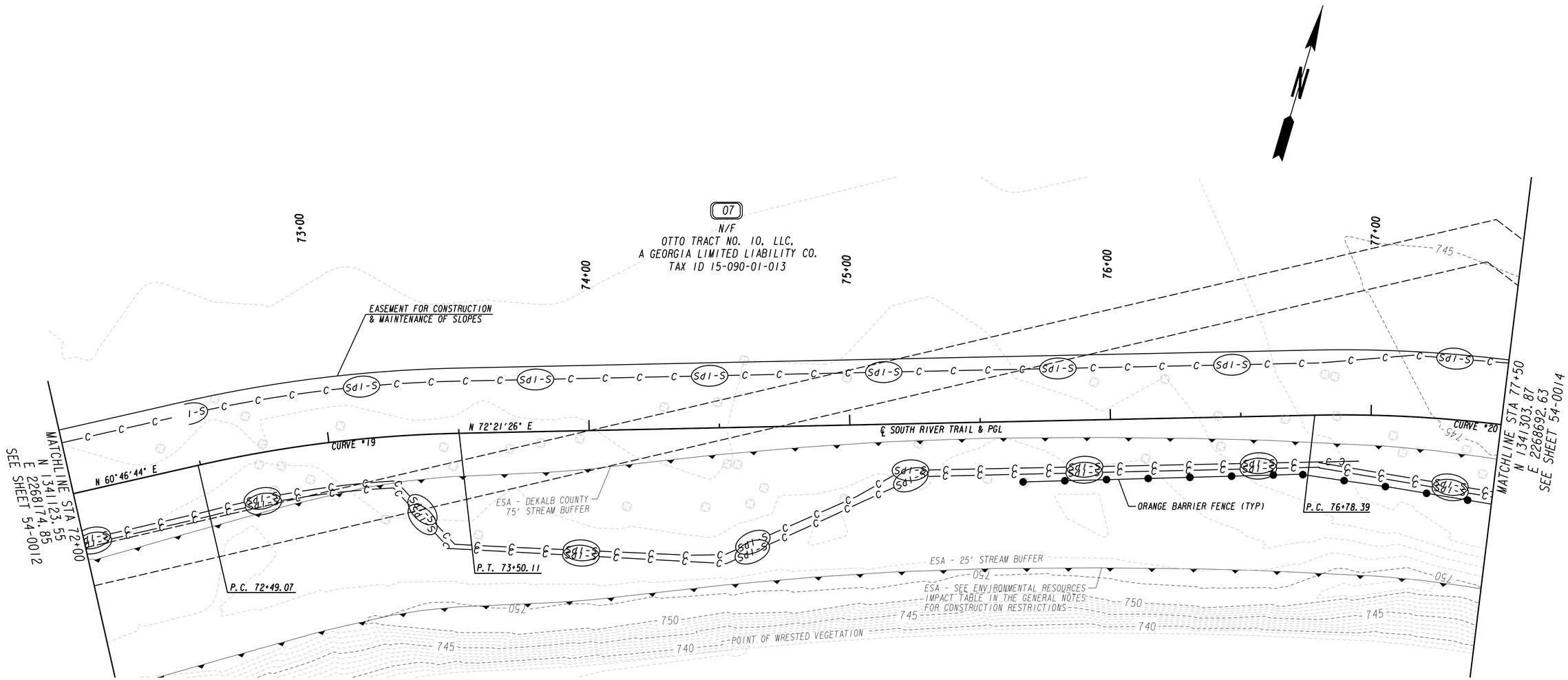
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0012

7/31/2015 GPLN



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

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-27-2018
BACKCHECKED:	CAD	DATE:	05-07-2018
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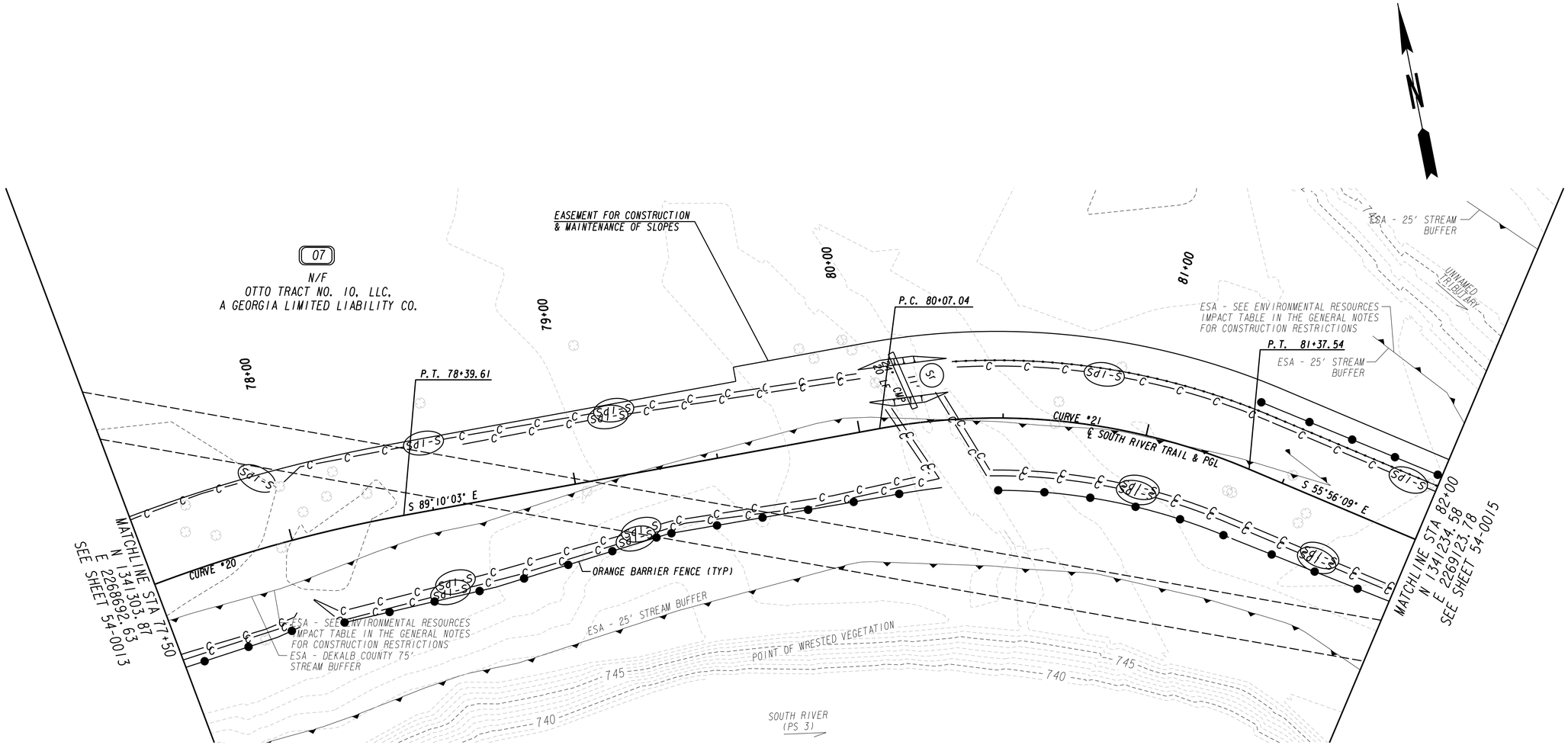
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0013

7/31/2015 GPLN



PROPERTY AND EXISTING R/W LINE
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS
STAGE I - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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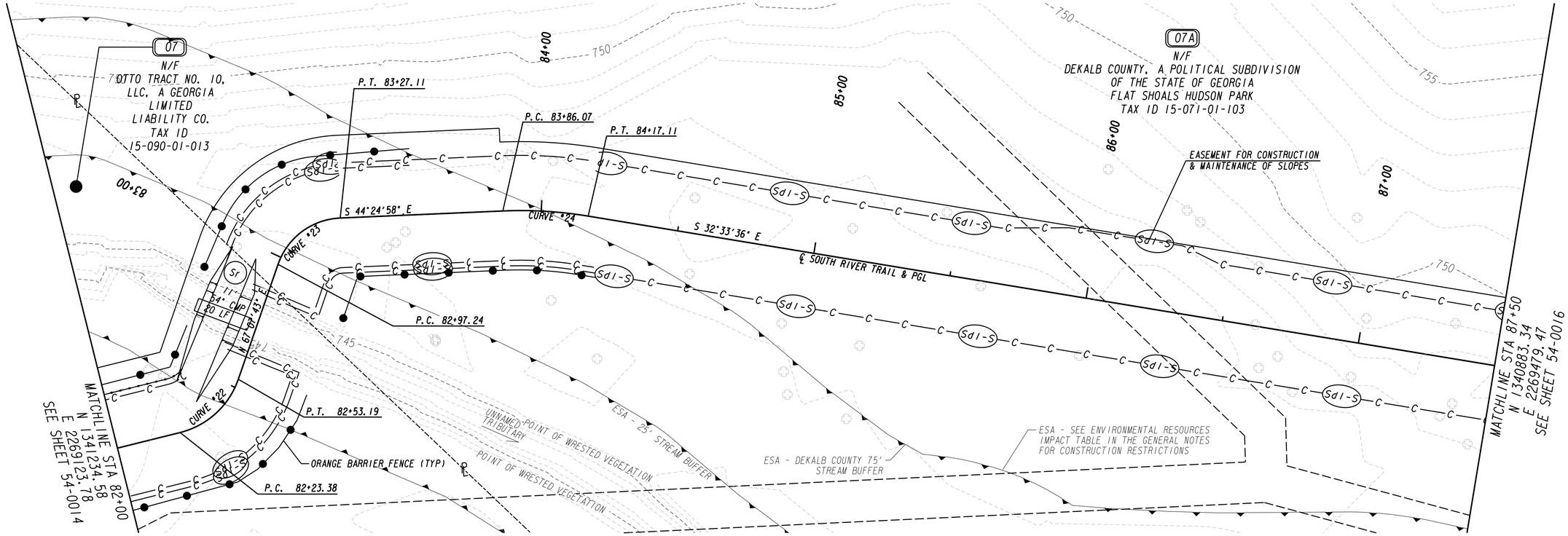
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0014

7/31/2015 GPLN



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

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE I - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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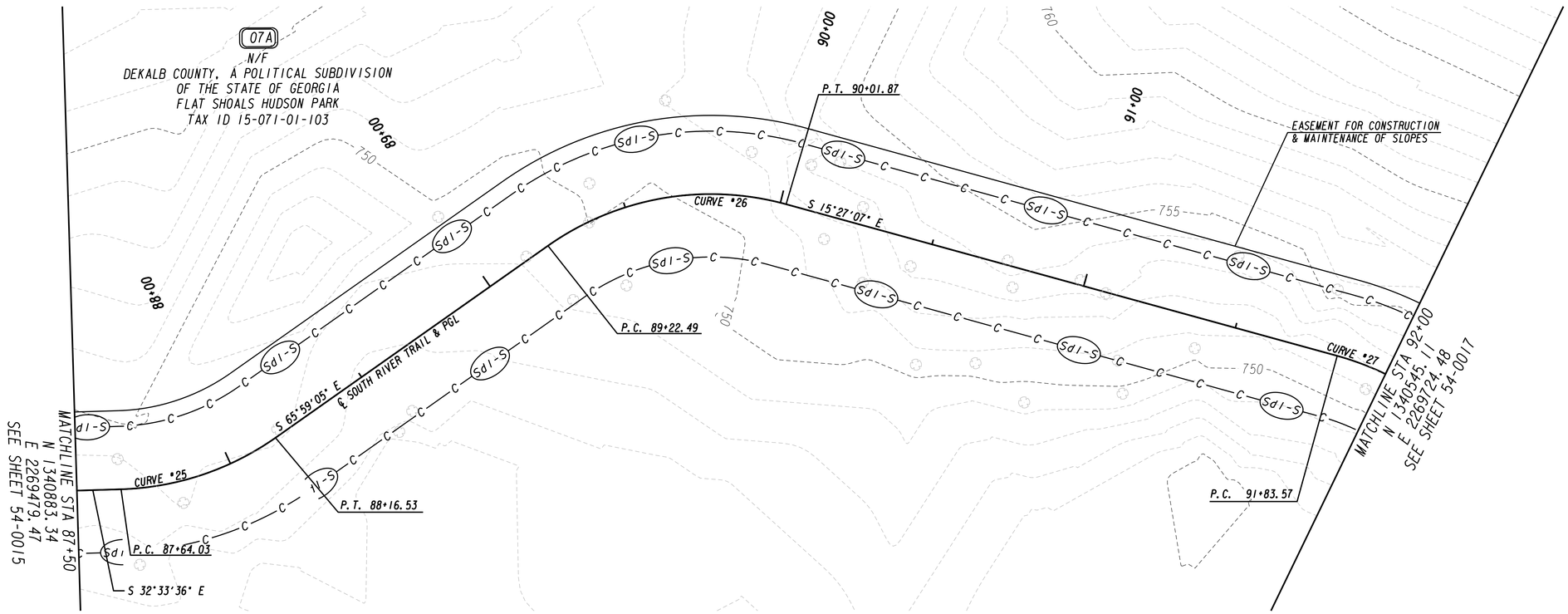
DRAWING No. 54-0015

7/31/2015 GPLN



PROPERTY AND EXISTING R/W LINE
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE I - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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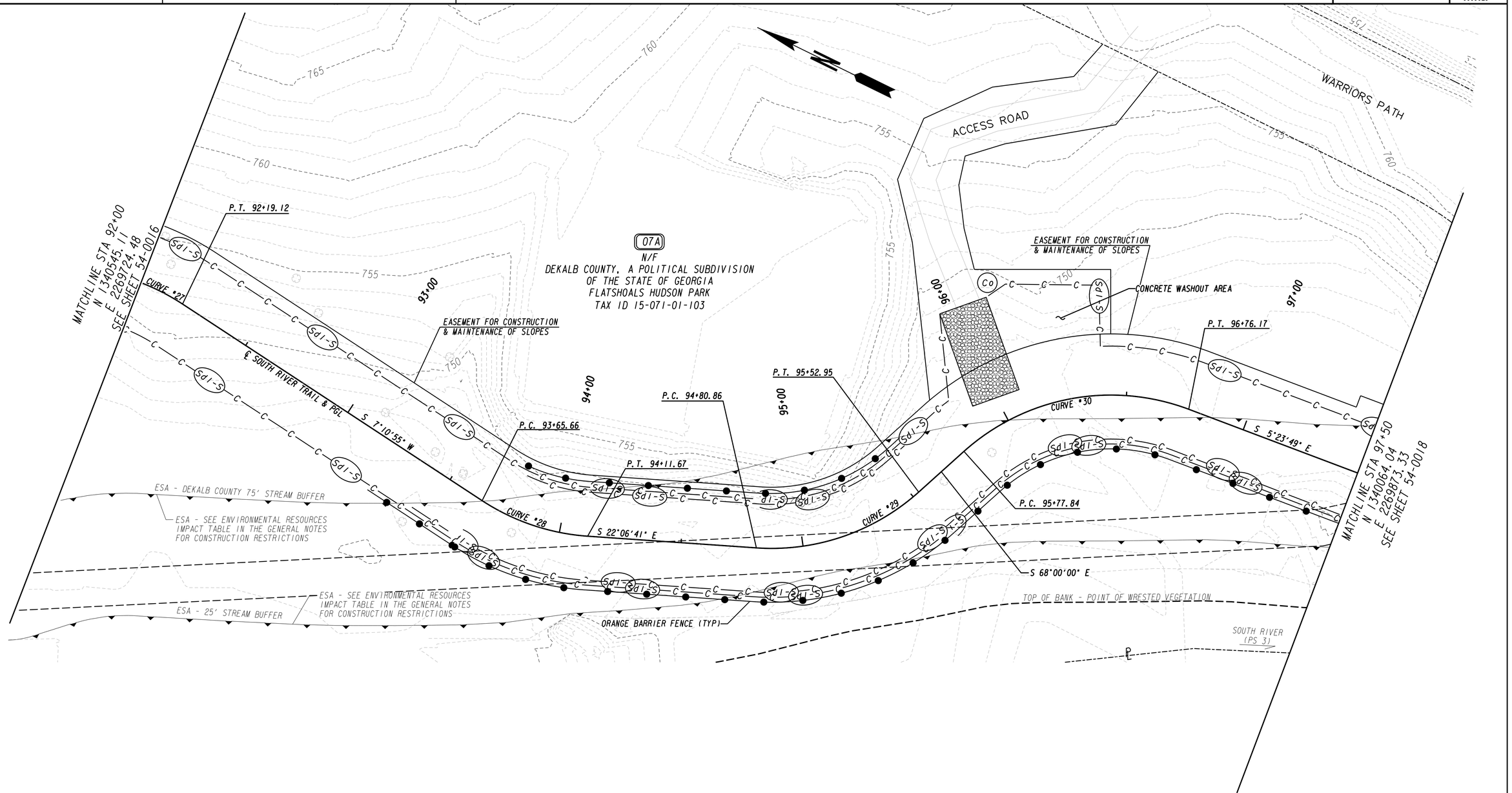
DRAWING No.
54-0016

7/31/2015 GPLN



PROPERTY AND EXISTING R/W LINE
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CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
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SCALE IN FEET
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REVISION DATES		

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE I - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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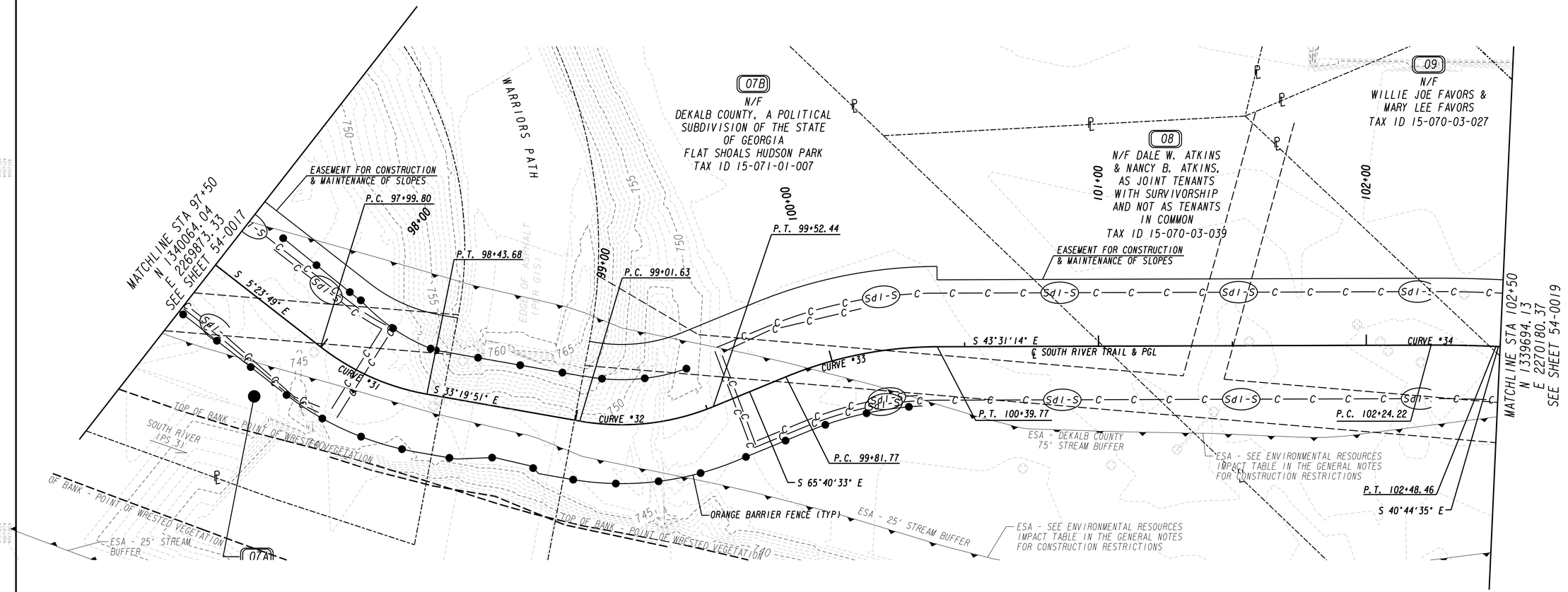
VERIFIED:	MWH	DATE:	05-07-2018	

7/31/2015 GPLN



PROPERTY AND EXISTING R/W LINE
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CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
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Heath & Lineback Engineers
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SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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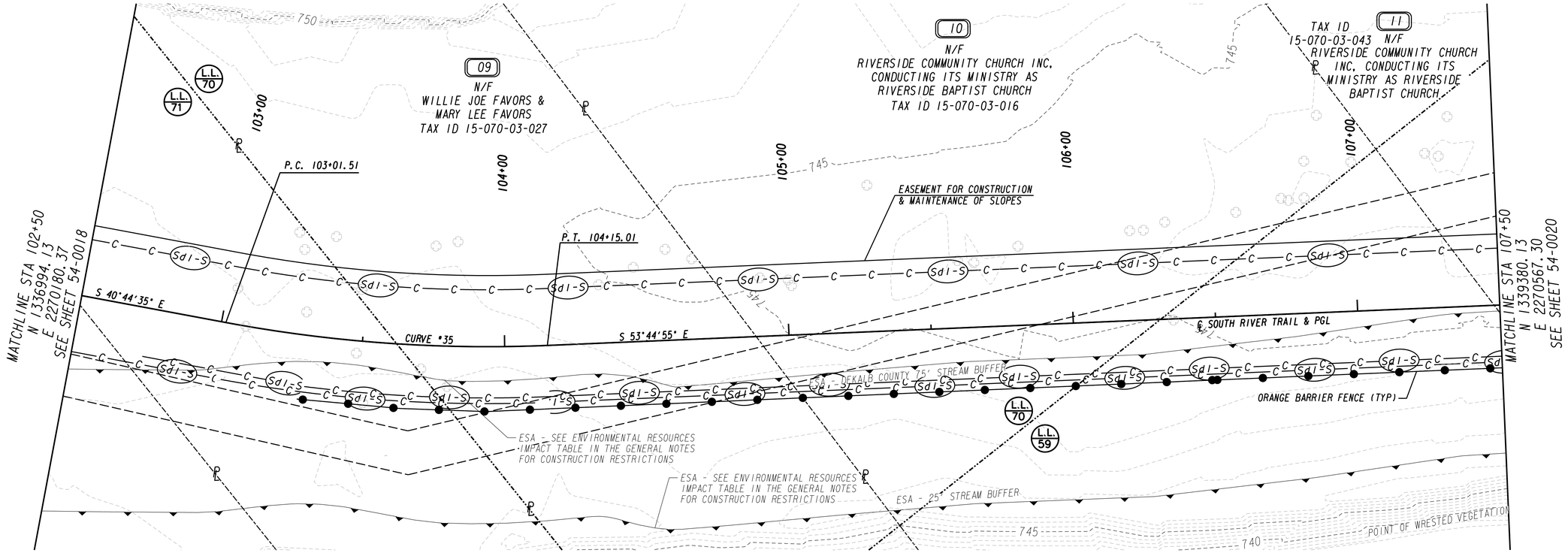
VERIFIED:	WMH	DATE:	05-07-2018

DRAWING No. 54-0018



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
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BEGIN LIMIT OF ACCESS.....BLA
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Heath & Lineback Engineers
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SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 1 - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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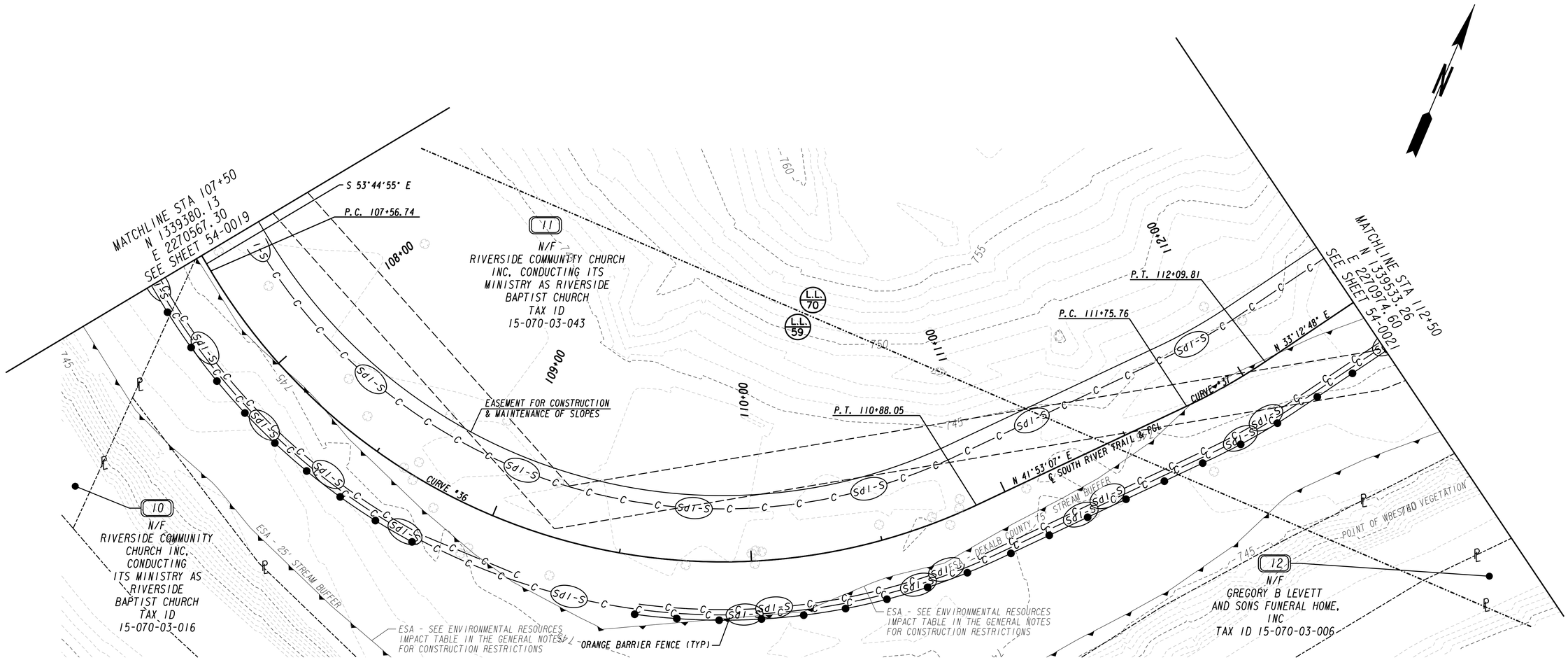
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0019

7/31/2015 GPLN



PROPERTY AND EXISTING R/W LINE	P
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
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	

Heath & Lineback Engineers
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 1 - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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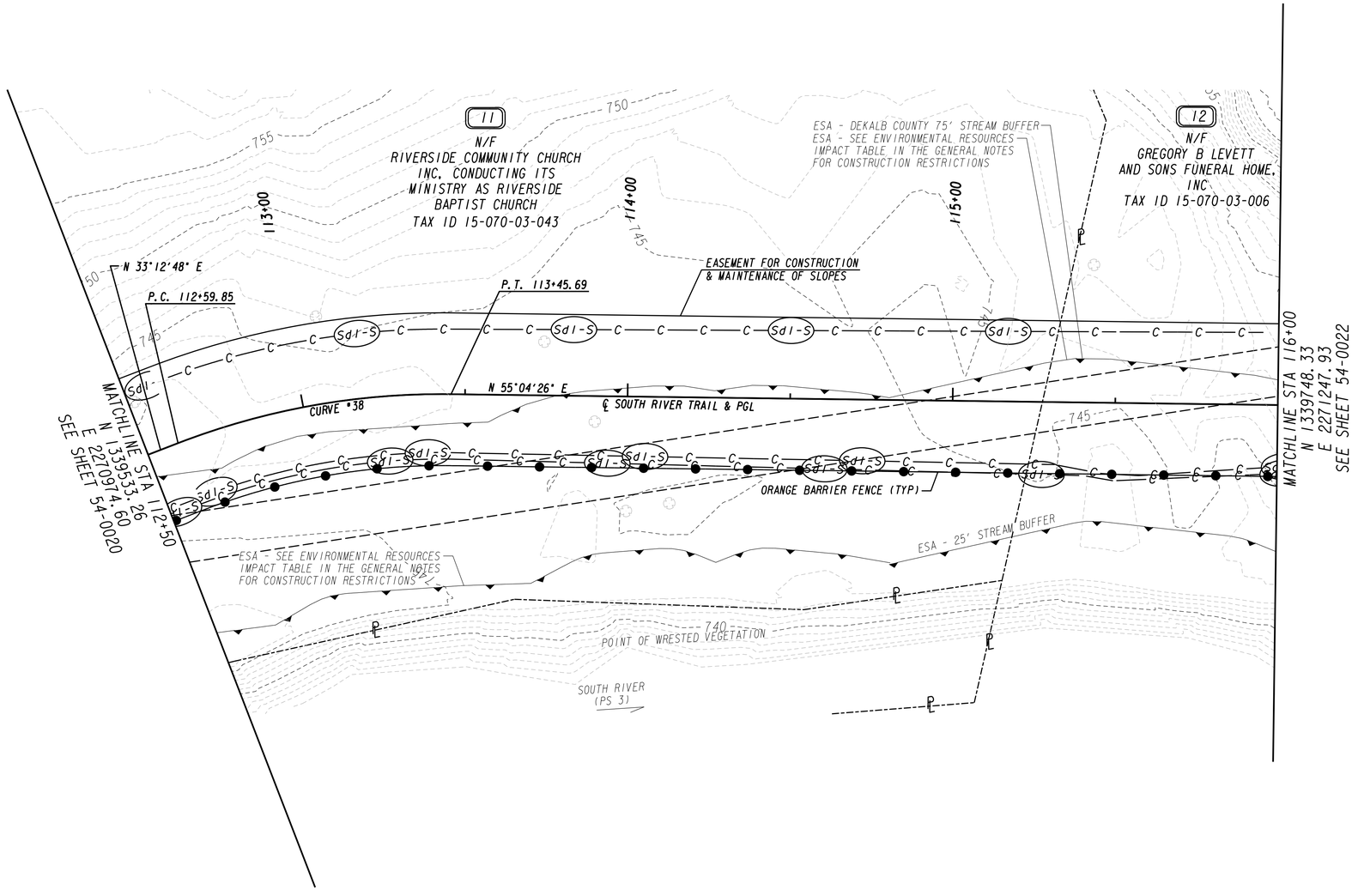
DRAWING No.
54-0020

7/31/2015 GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
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SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018	DRAWING No.
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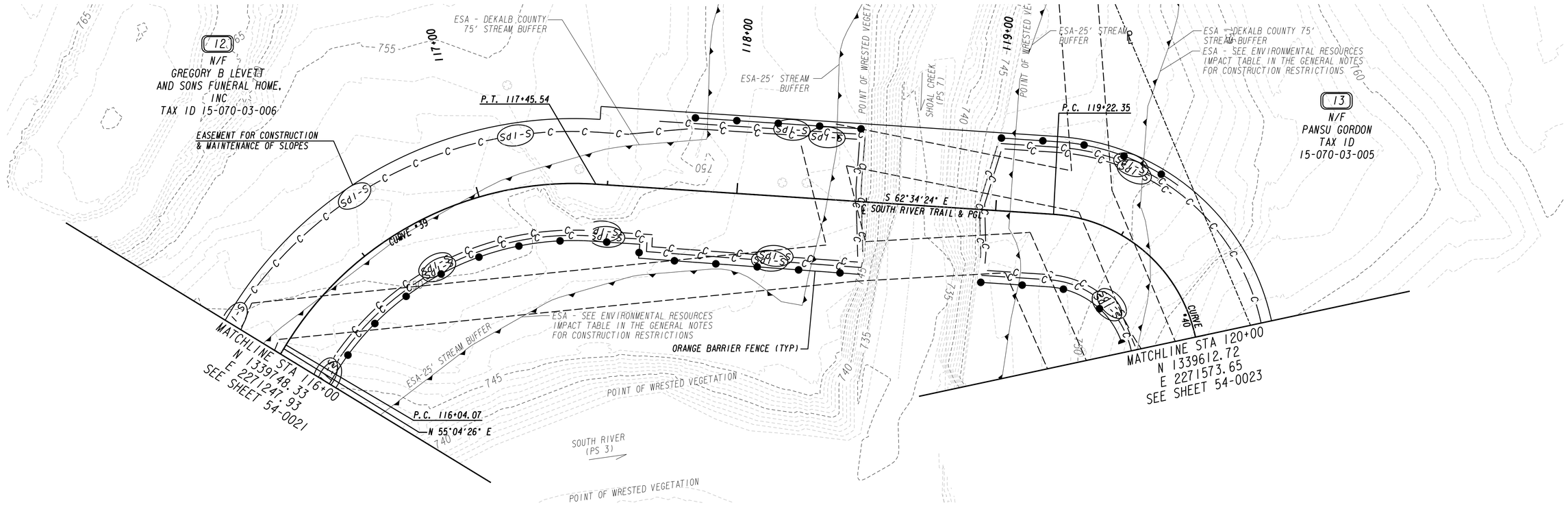
VERIFIED:	MWH	DATE:	05-07-2018	



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
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EASEMENT FOR CONSTR
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SCALE IN FEET
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 1 - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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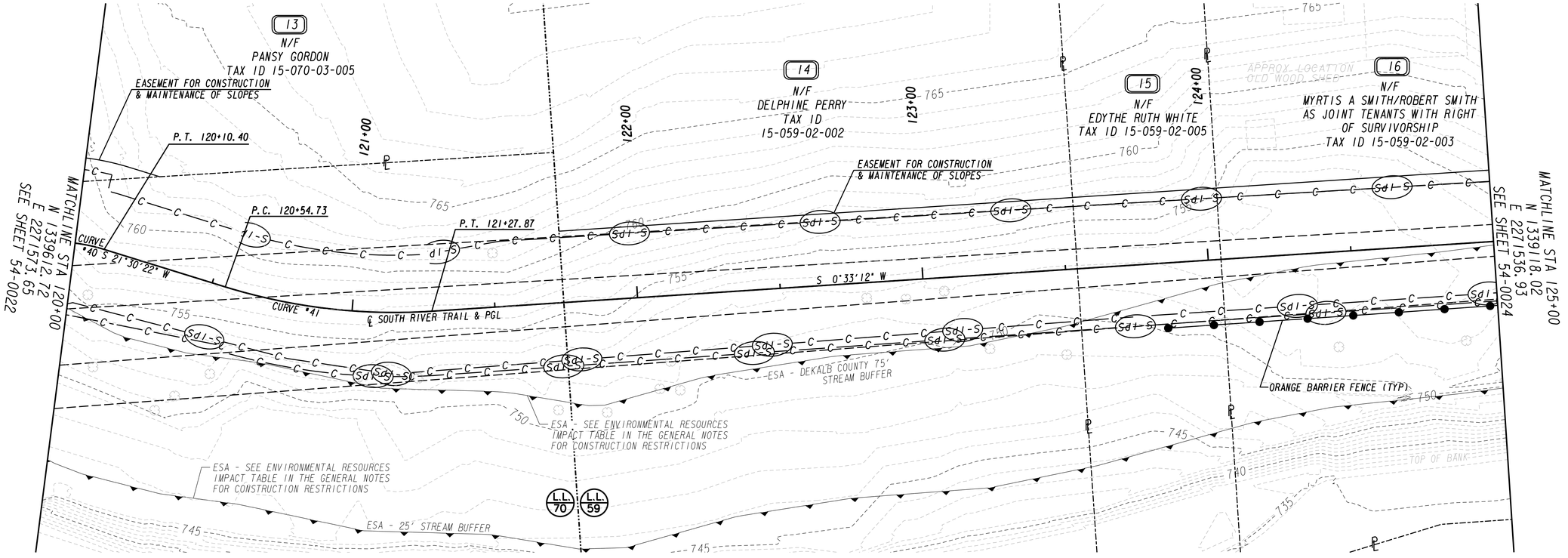
DRAWING No. 54-0022

7/31/2015 GPLN



PROPERTY AND EXISTING R/W LINE
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EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
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SCALE IN FEET
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE I - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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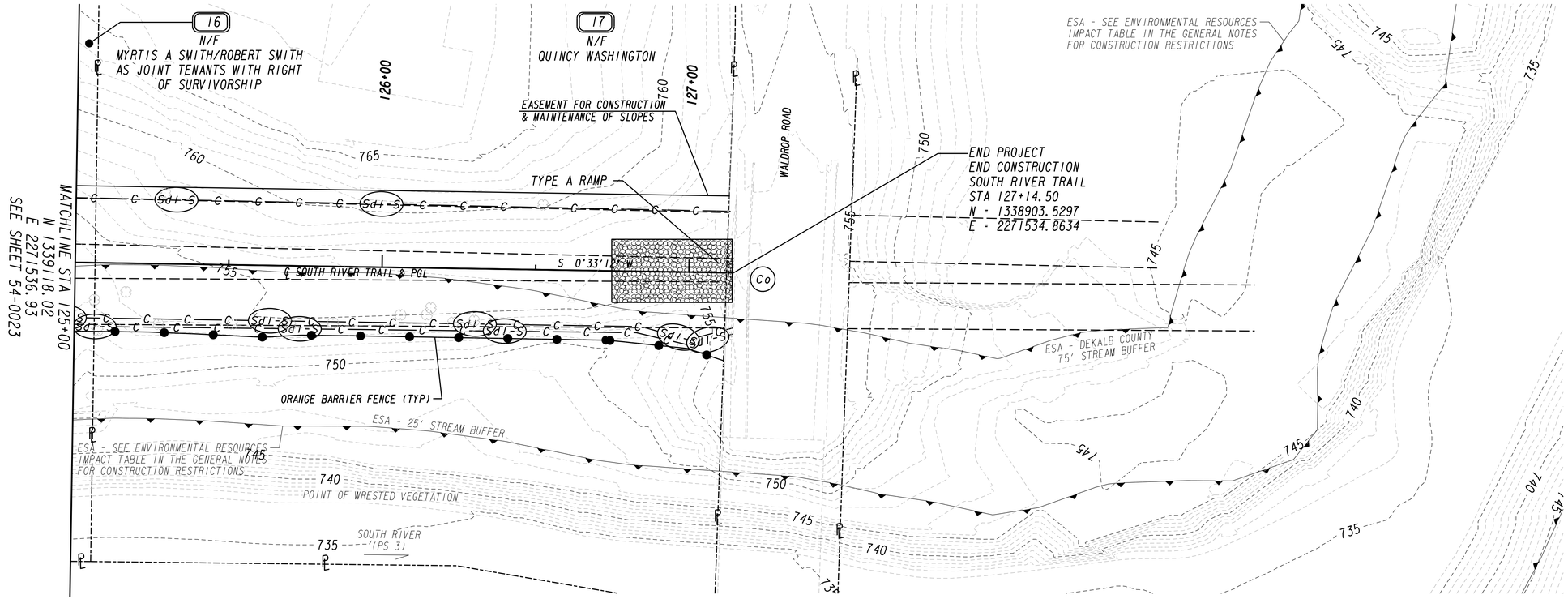
CORRECTED:	AE & PAL	DATE:	05-07-2018	54-0023
VERIFIED:	MWH	DATE:	05-07-2018	

7/31/2015 GPLN



PROPERTY AND EXISTING R/W LINE
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE I - INITIAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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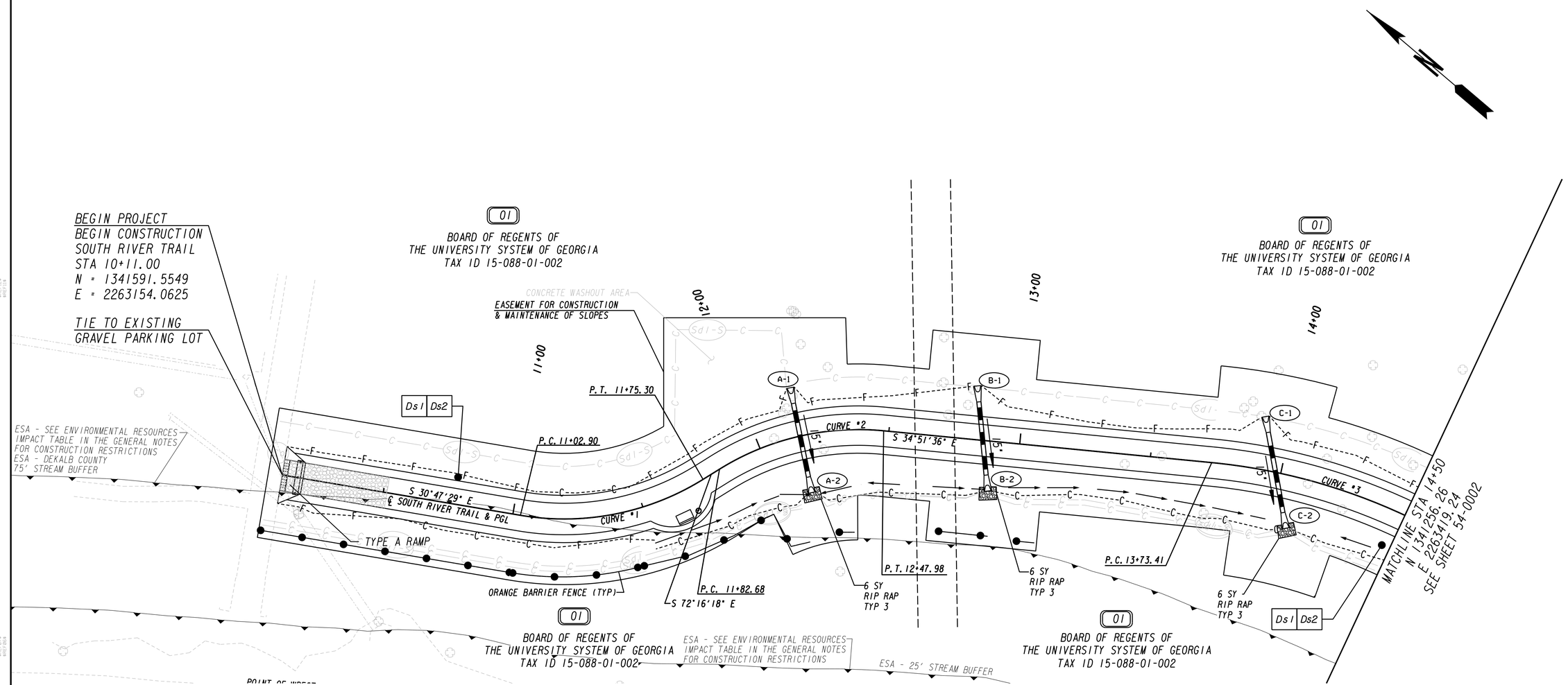
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0024

7/31/2015 GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
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EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

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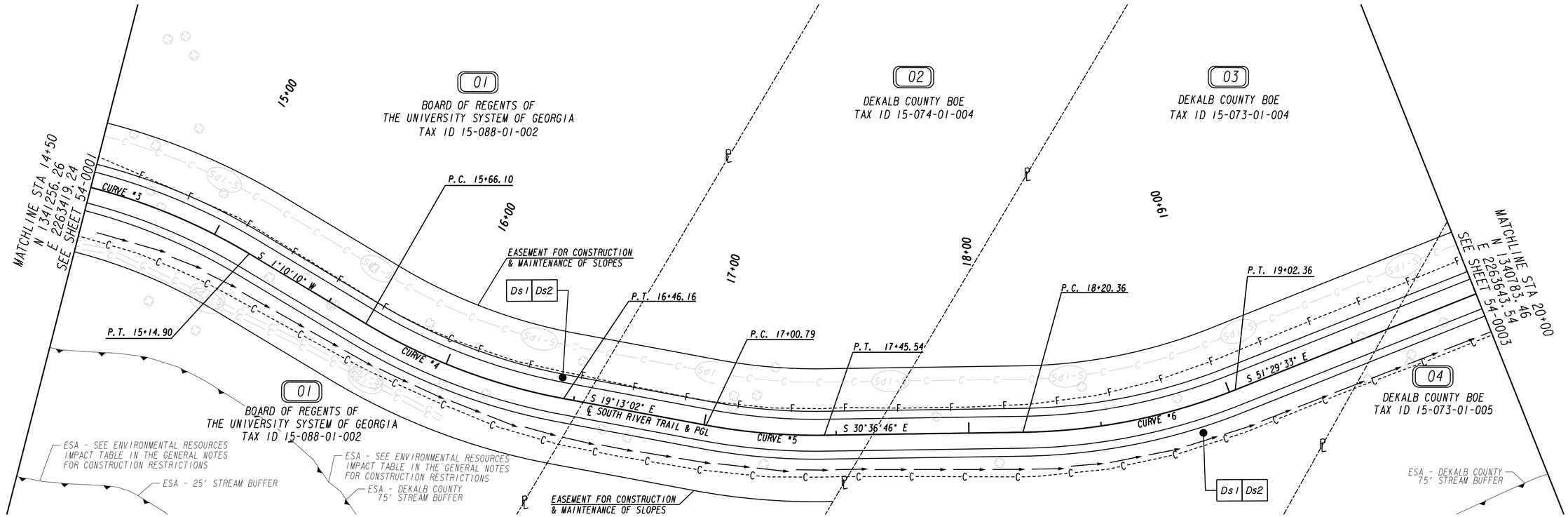
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0025

7/31/2015 GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
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EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

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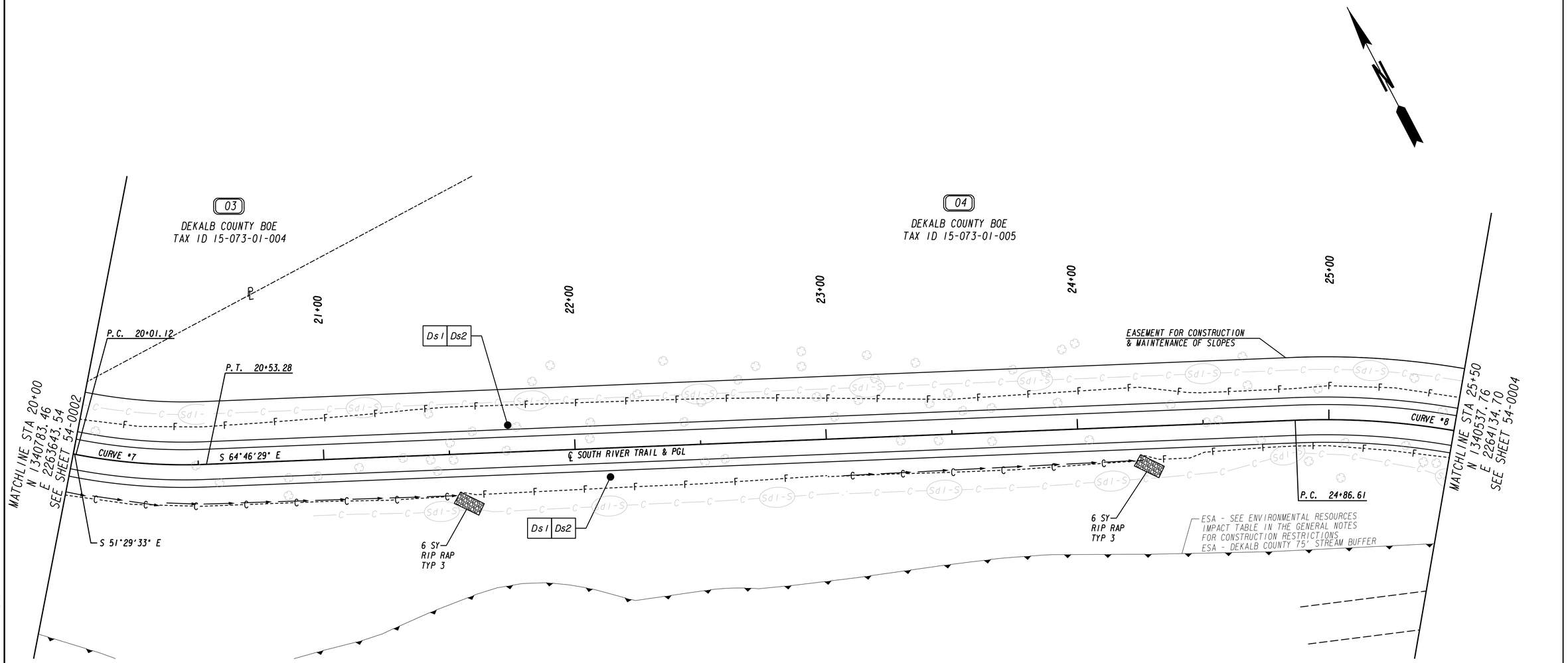
DRAWING No. 54-0026

7/31/2015 GPLN



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

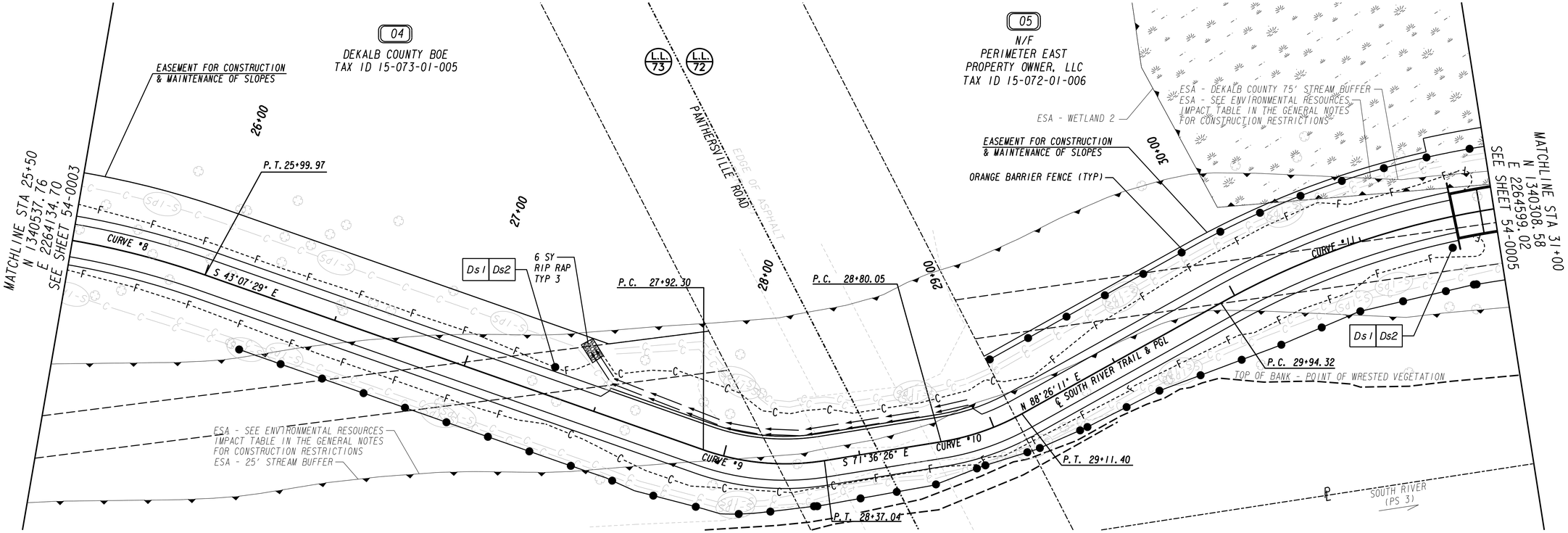
BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
BACKCHECKED:	CAD	DATE:	05-07-2018
CORRECTED:	AE & PAL	DATE:	05-07-2018
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0027

7/31/2015 GPLN



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

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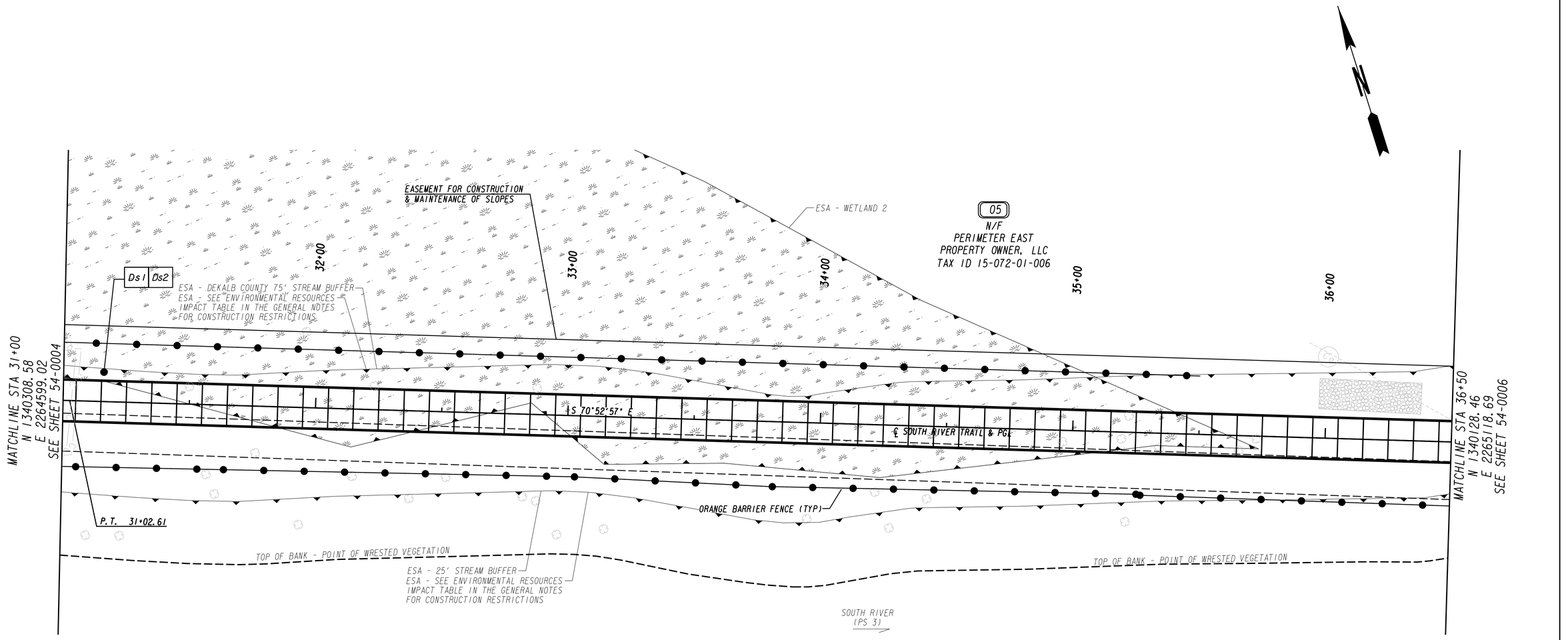
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0028



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

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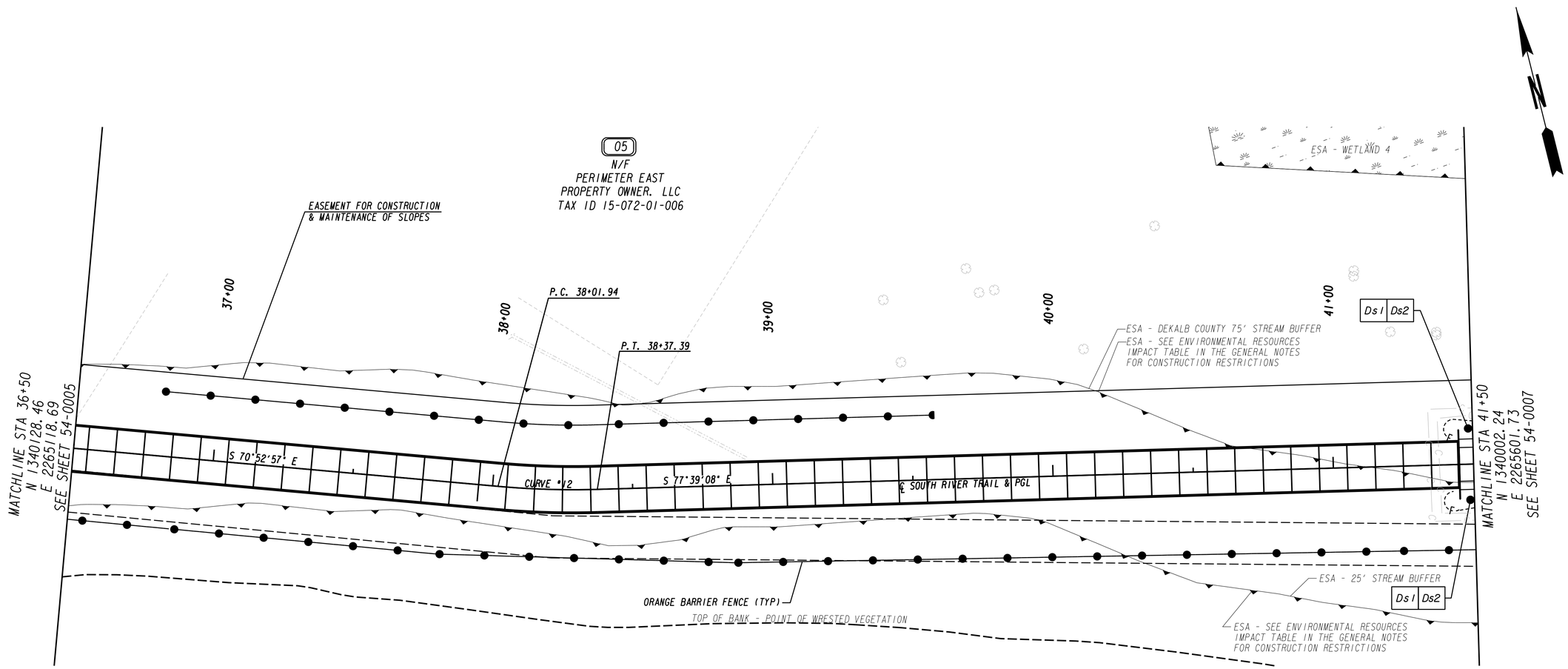
CORRECTED:	AE & PAL	DATE:	05-07-2018
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0029



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
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(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

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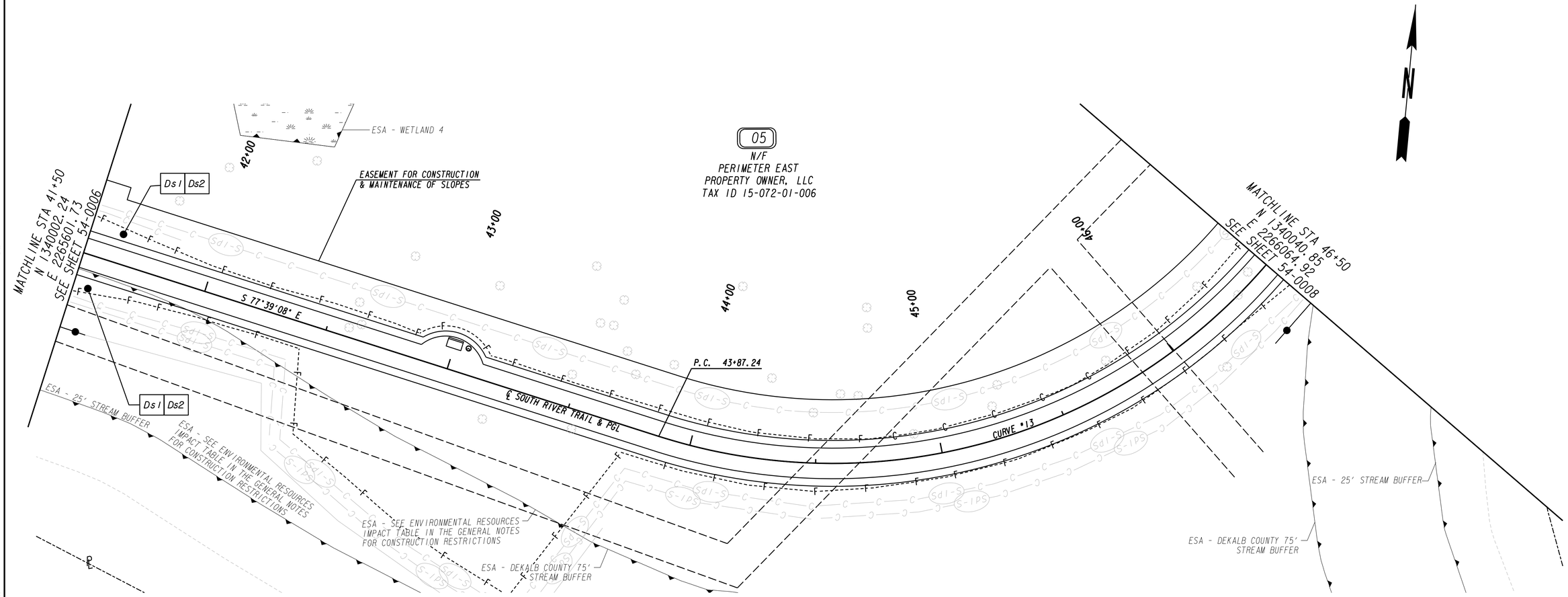
CORRECTED:	AE & PAL	DATE:	05-07-2018
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0030

7/31/2015 GPLN



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
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(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

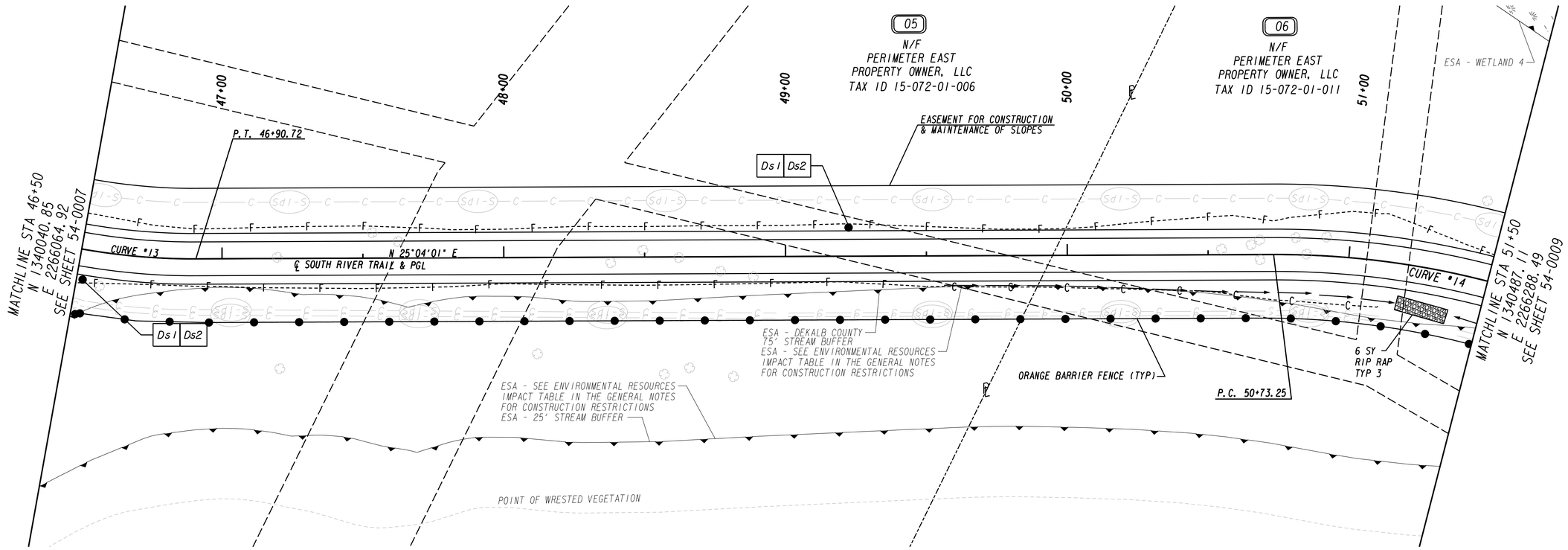
DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018	DRAWING No.
BACKCHECKED:	CAD	DATE:	05-07-2018	
CORRECTED:	AE & PAL	DATE:	05-07-2018	54-0031
VERIFIED:	MWH	DATE:	05-07-2018	

7/31/2015 GPLN



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
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LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

Heath & Lineback Engineers
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SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

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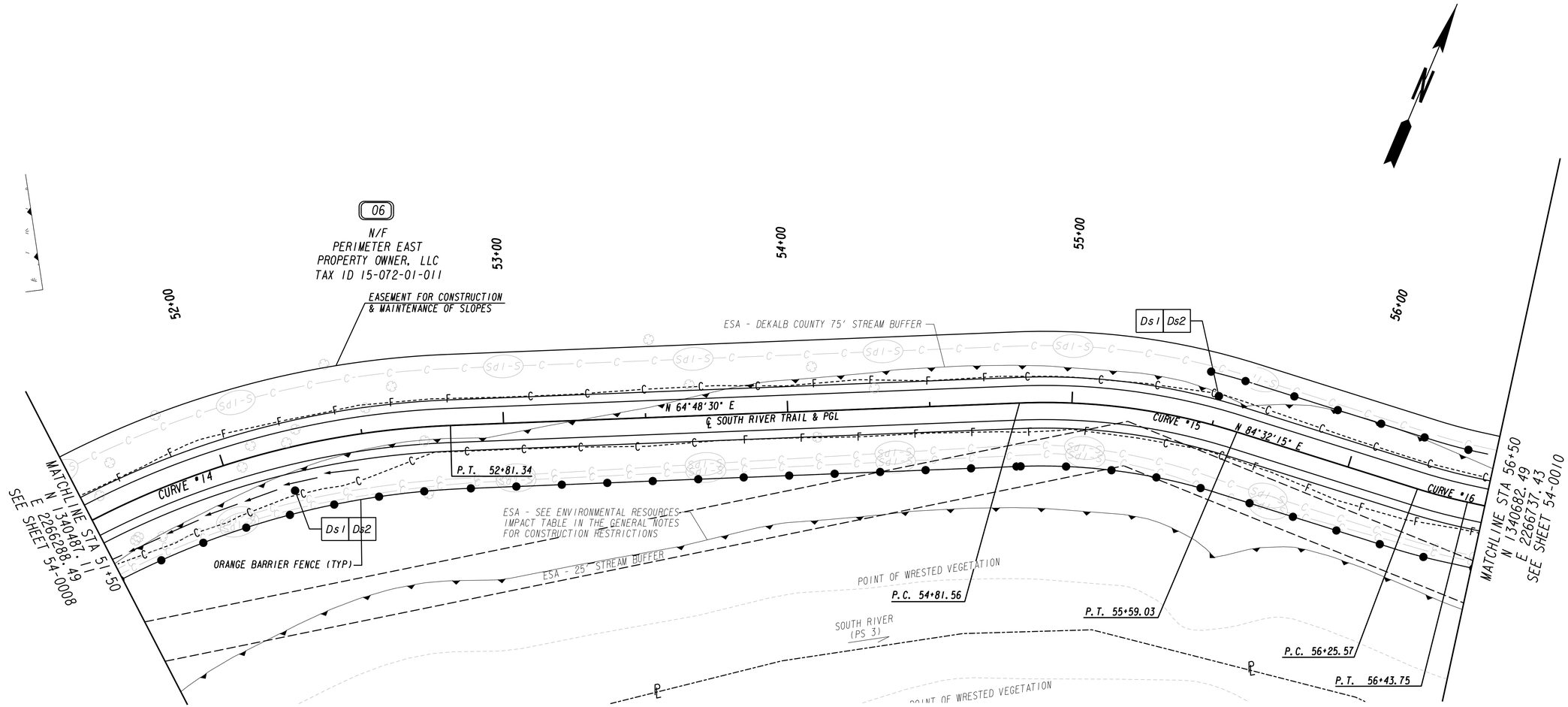
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0032

7/31/2015 GPLN



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
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(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

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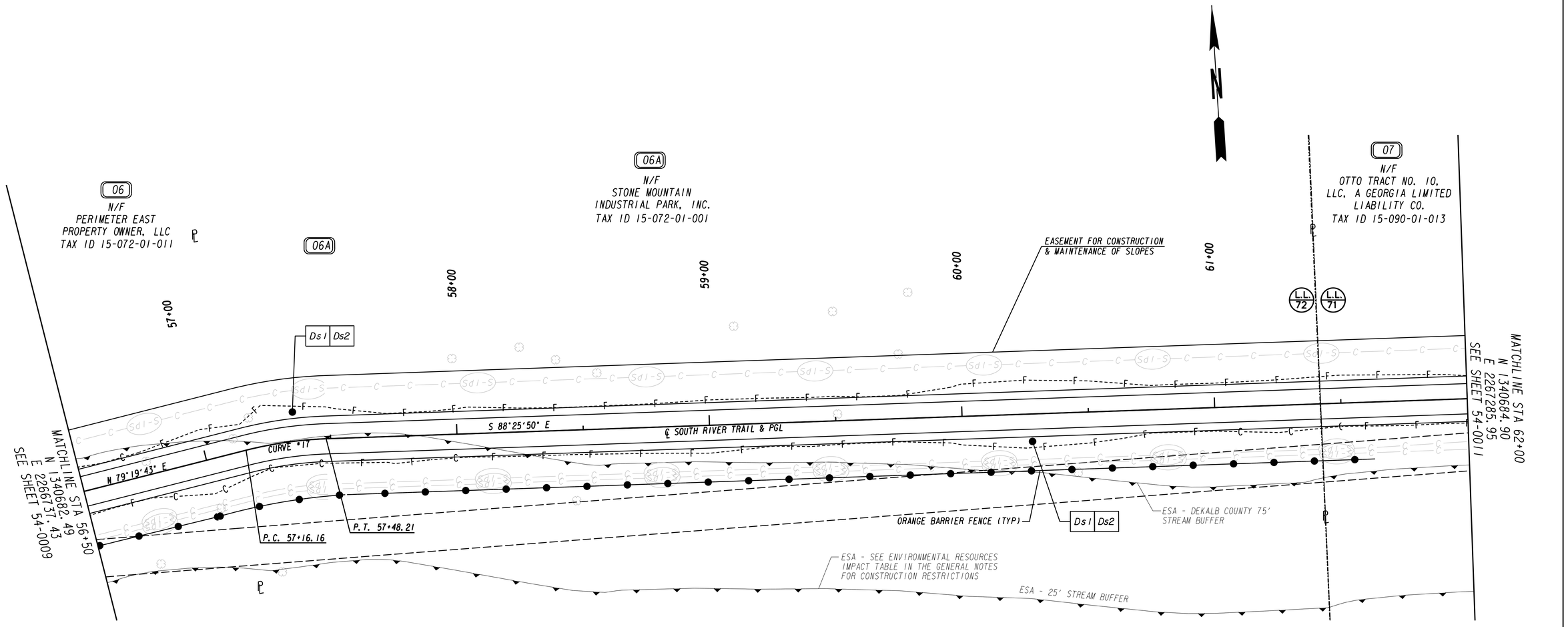
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0033



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
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LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

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SCALE IN FEET
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

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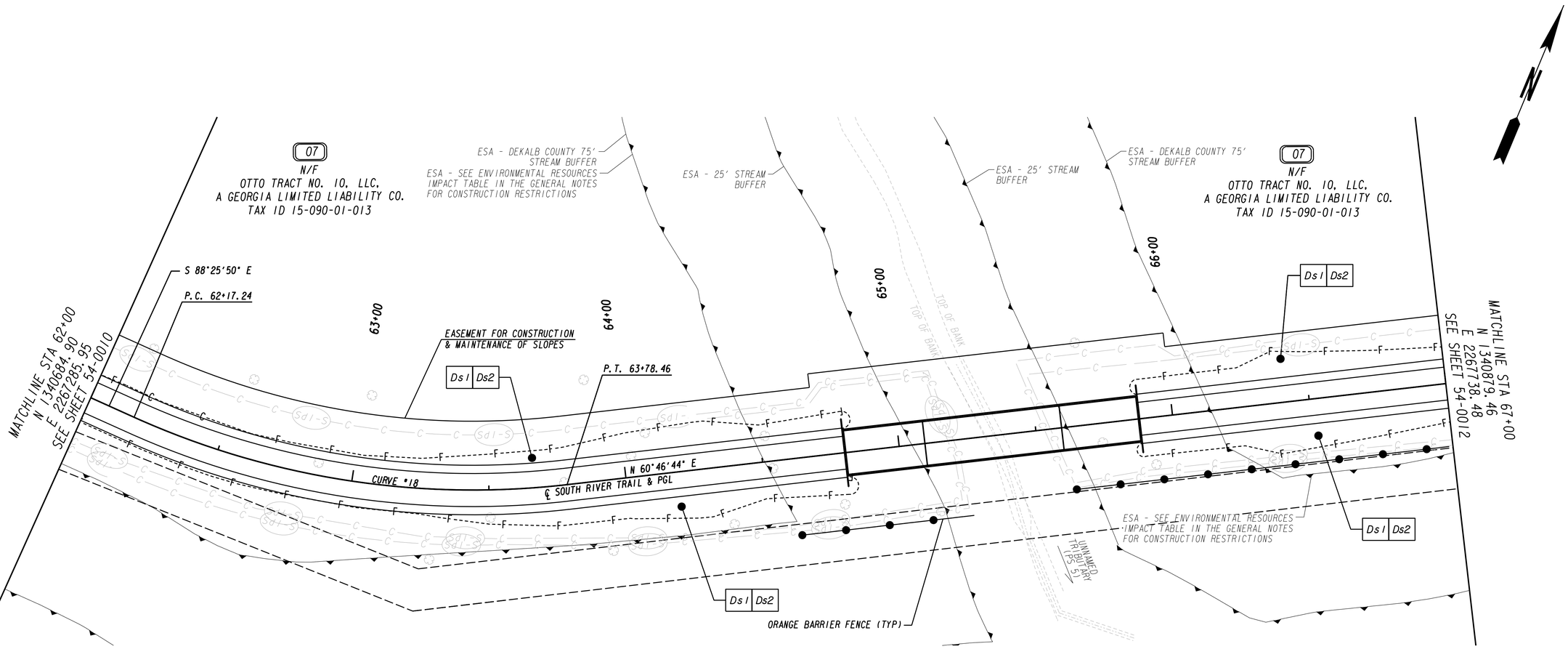
VERIFIED:	WMH	DATE:	05-07-2018

DRAWING No. 54-0034

7/31/2015 GPLN



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
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LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

Heath & Lineback Engineers
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SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

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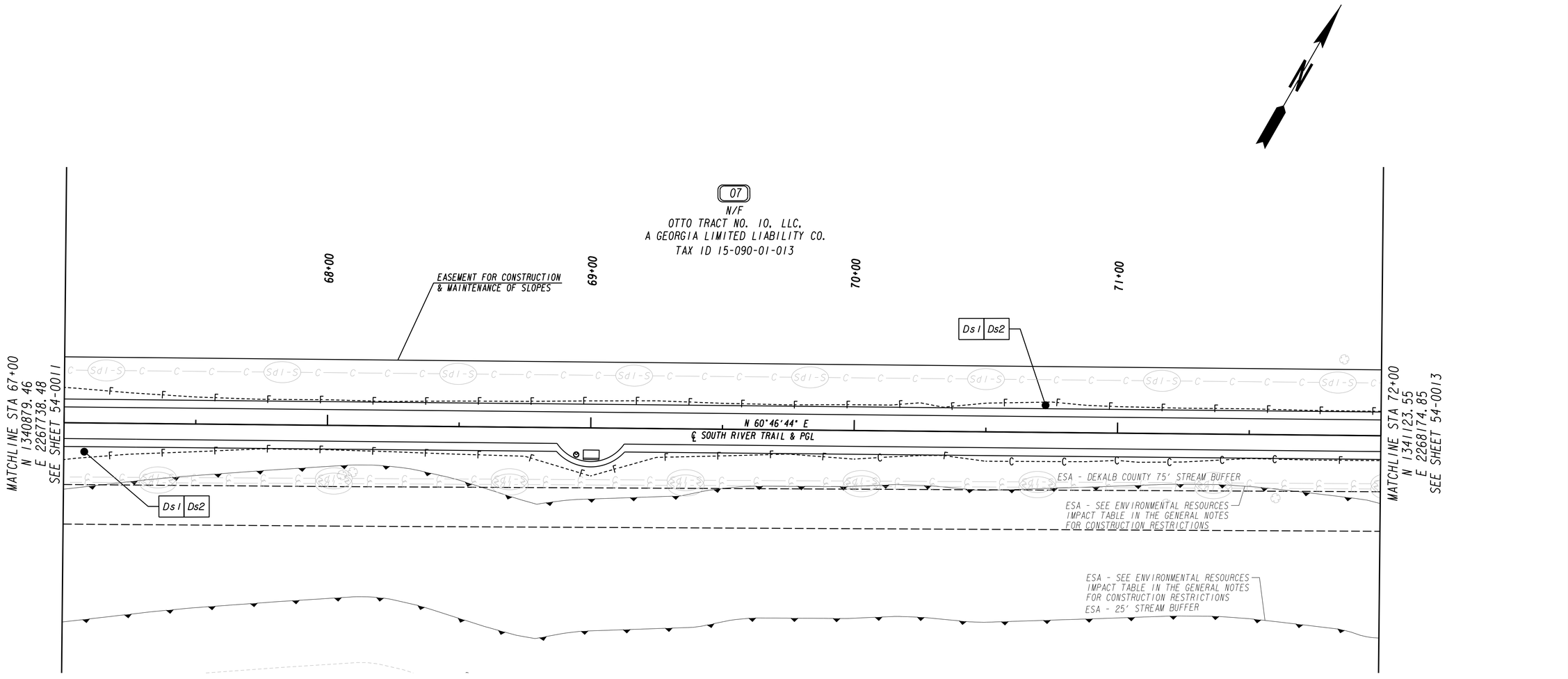
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0035

7/31/2015 GPLN



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
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LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

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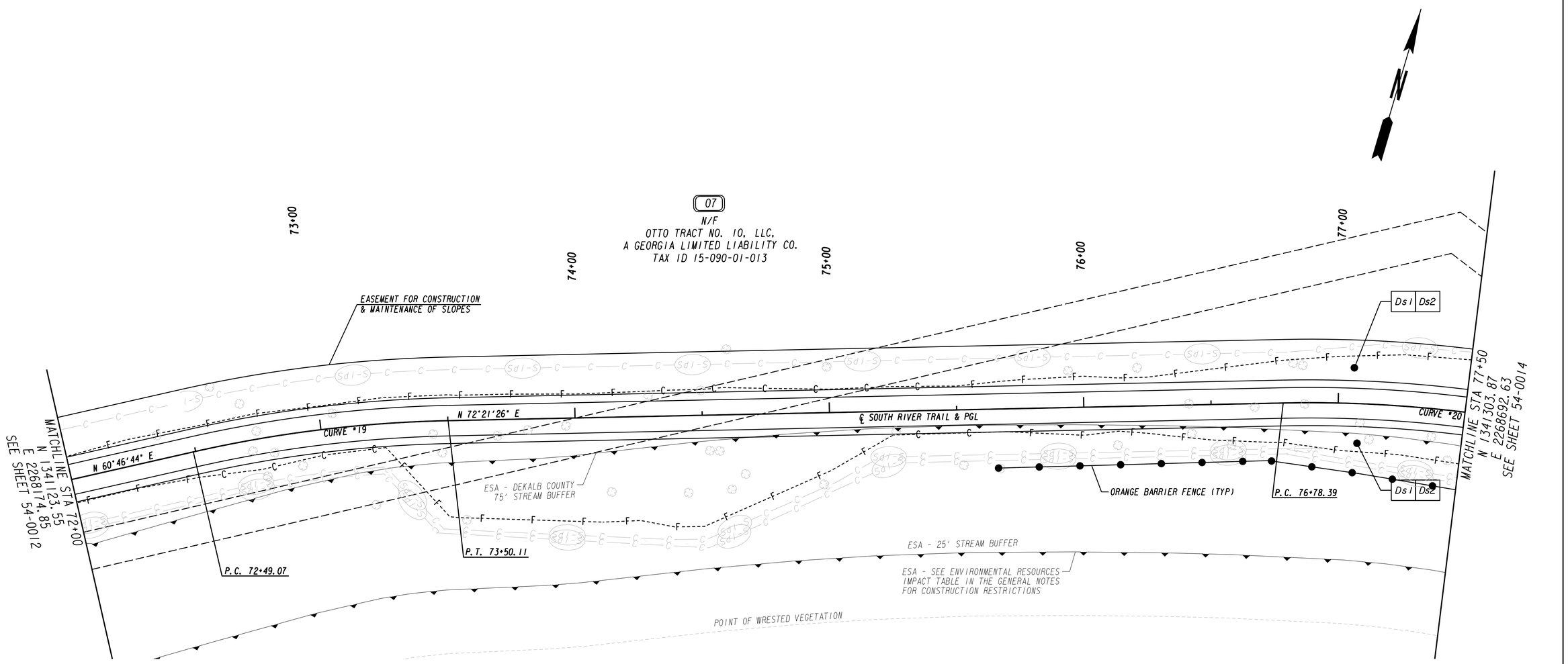
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0036



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

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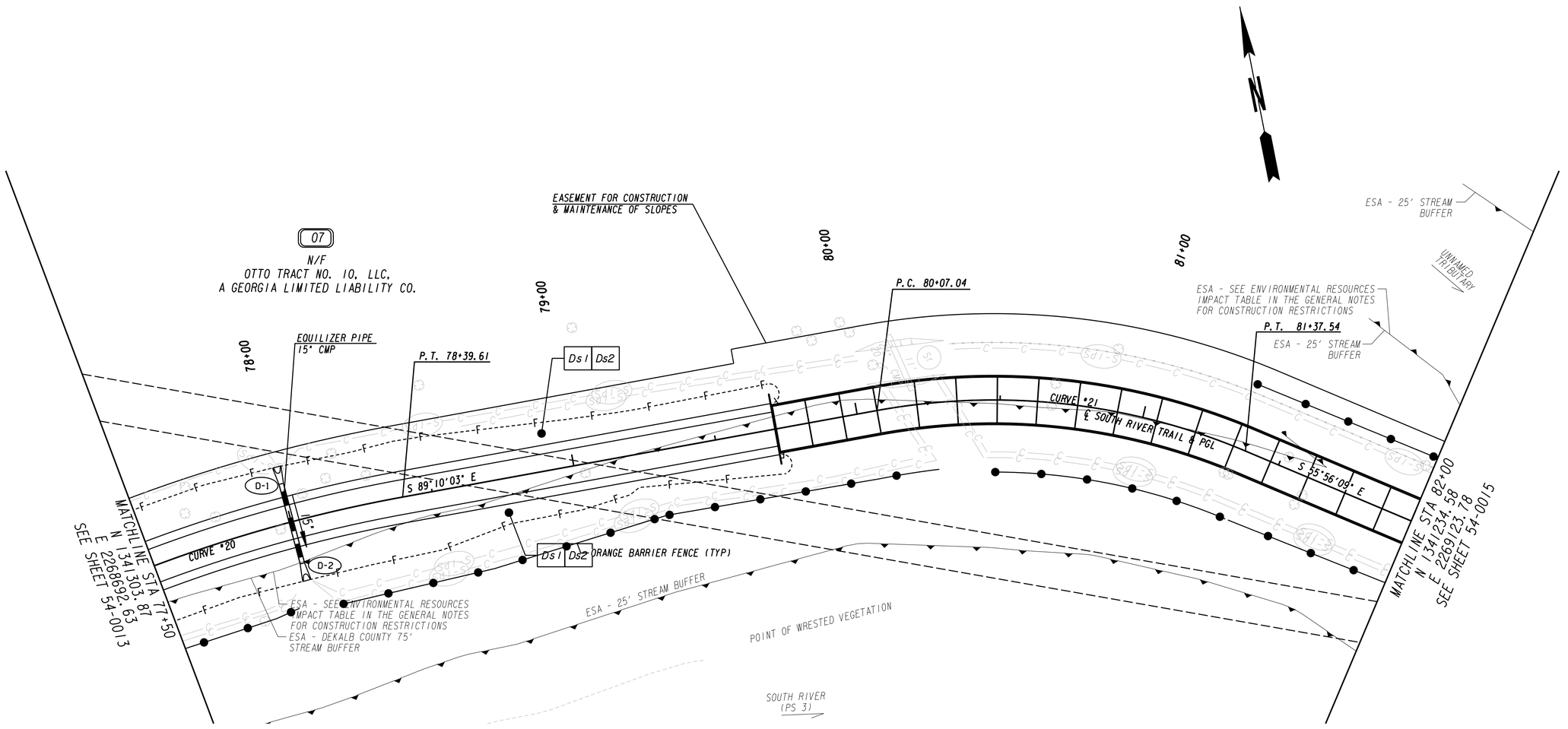
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0037



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

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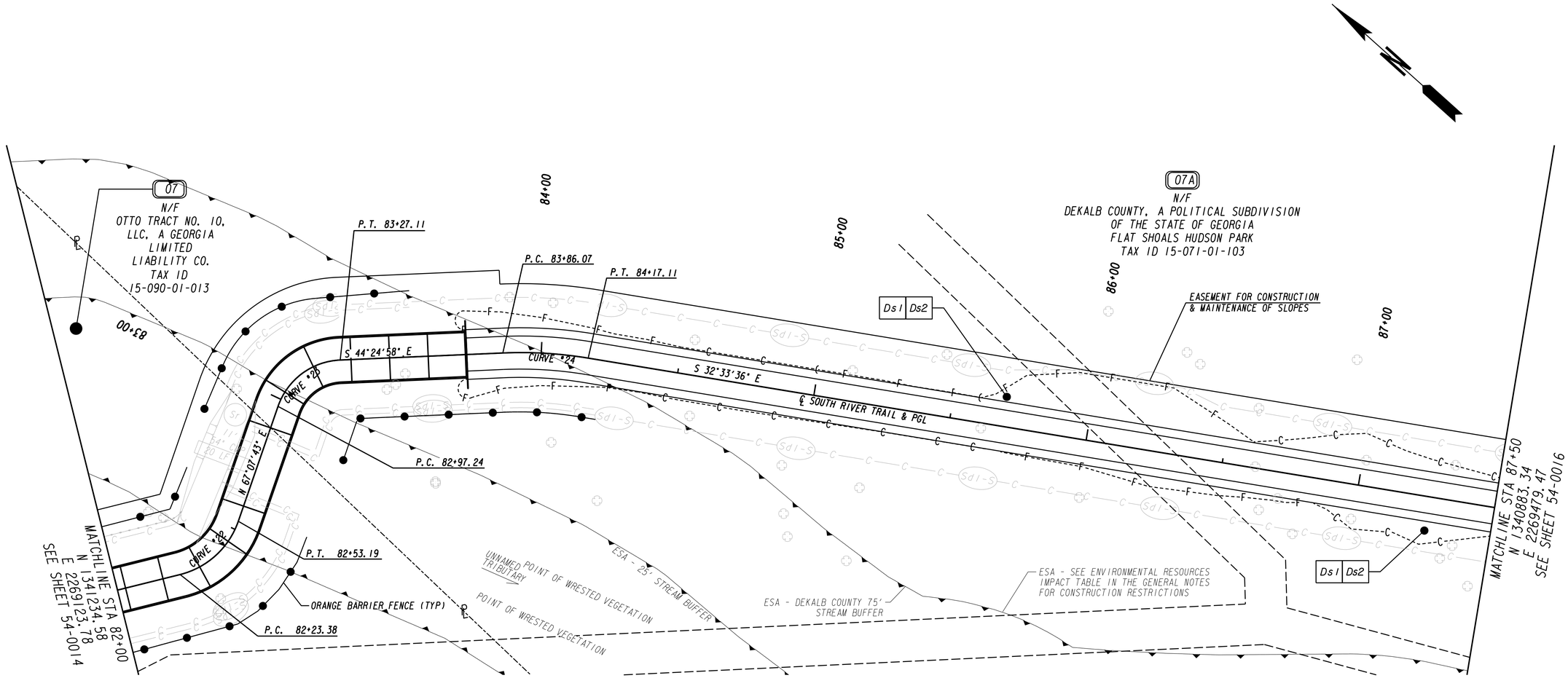
DRAWING No. 54-0038

7/31/2015 GPLN



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

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VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0039

7/31/2015 GPLN

07A
N/F
DEKALB COUNTY, A POLITICAL SUBDIVISION
OF THE STATE OF GEORGIA
FLAT SHOALS HUDSON PARK
TAX ID 15-071-01-103

88+00
89+00
90+00
91+00

MATCHLINE STA 87+50
N 1340883.34
E 2269479.47
SEE SHEET 54-0015

S 32°33'36" E
P.C. 87+64.03
CURVE #25
S 65°59'05" E
℄ SOUTH RIVER TRAIL & PGL
P.T. 88+16.53
P.C. 89+22.49
CURVE #26
S 15°27'07" E
P.T. 90+01.87
Ds1 | Ds2
EASEMENT FOR CONSTRUCTION
& MAINTENANCE OF SLOPES
Ds1 | Ds2
P.C. 91+83.57
CURVE #27

MATCHLINE STA 92+00
N 1340545.11
E 2269724.48
SEE SHEET 54-0017

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

Heath & Lineback Engineers
INCORPORATED
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MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

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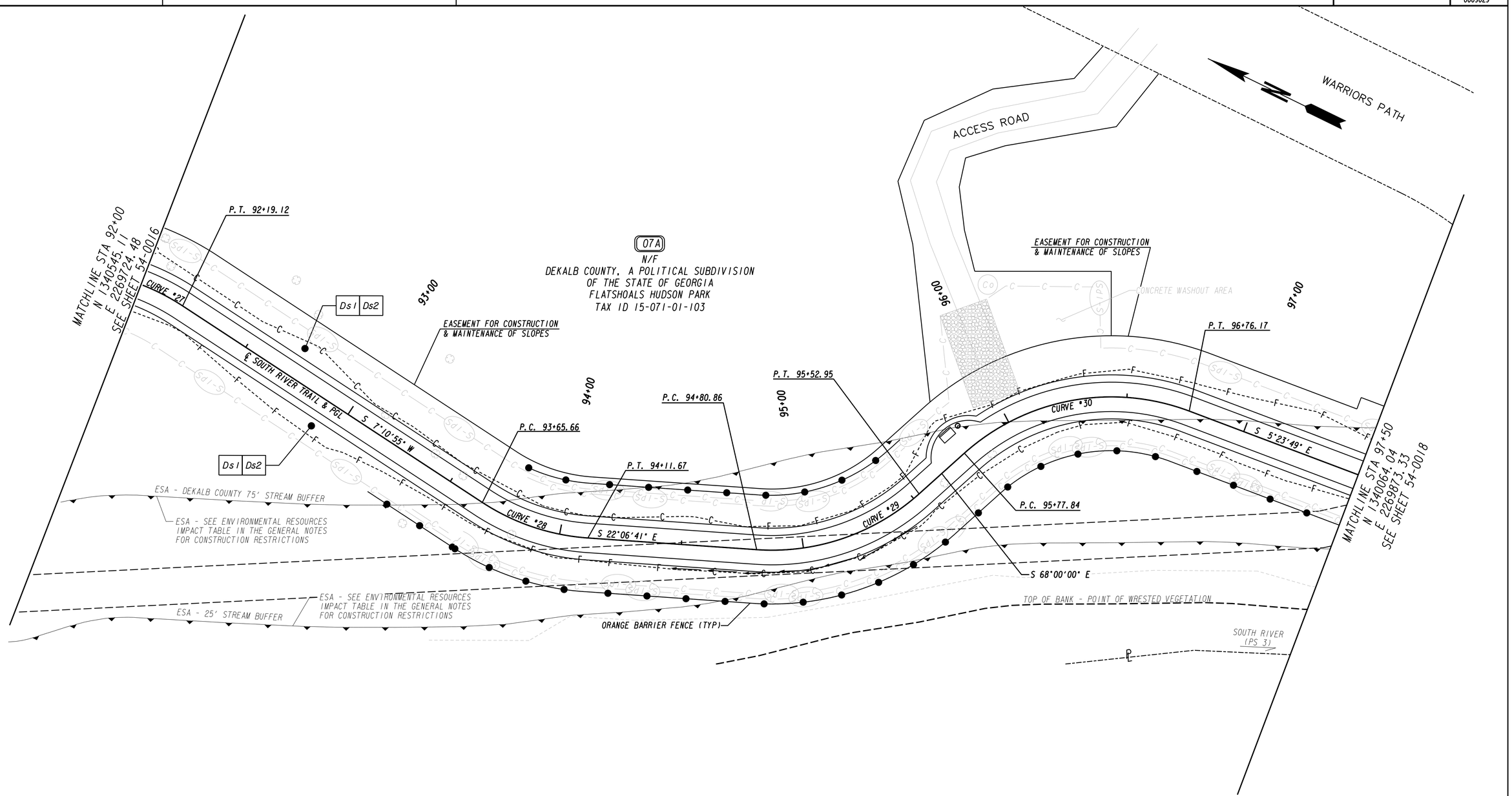
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0040



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
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LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

Heath & Lineback Engineers
INCORPORATED
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(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
BACKCHECKED:	CAD	DATE:	05-07-2018
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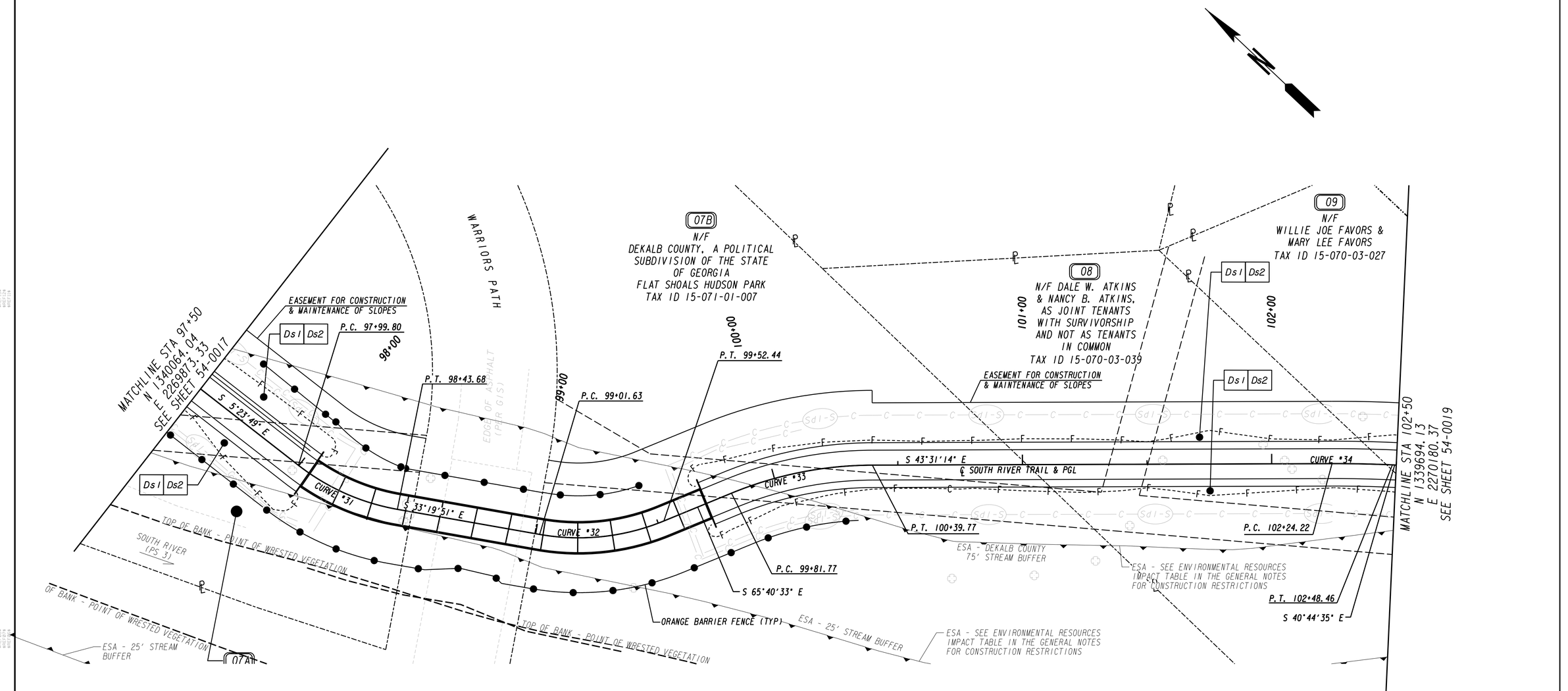
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0041



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
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LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
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(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
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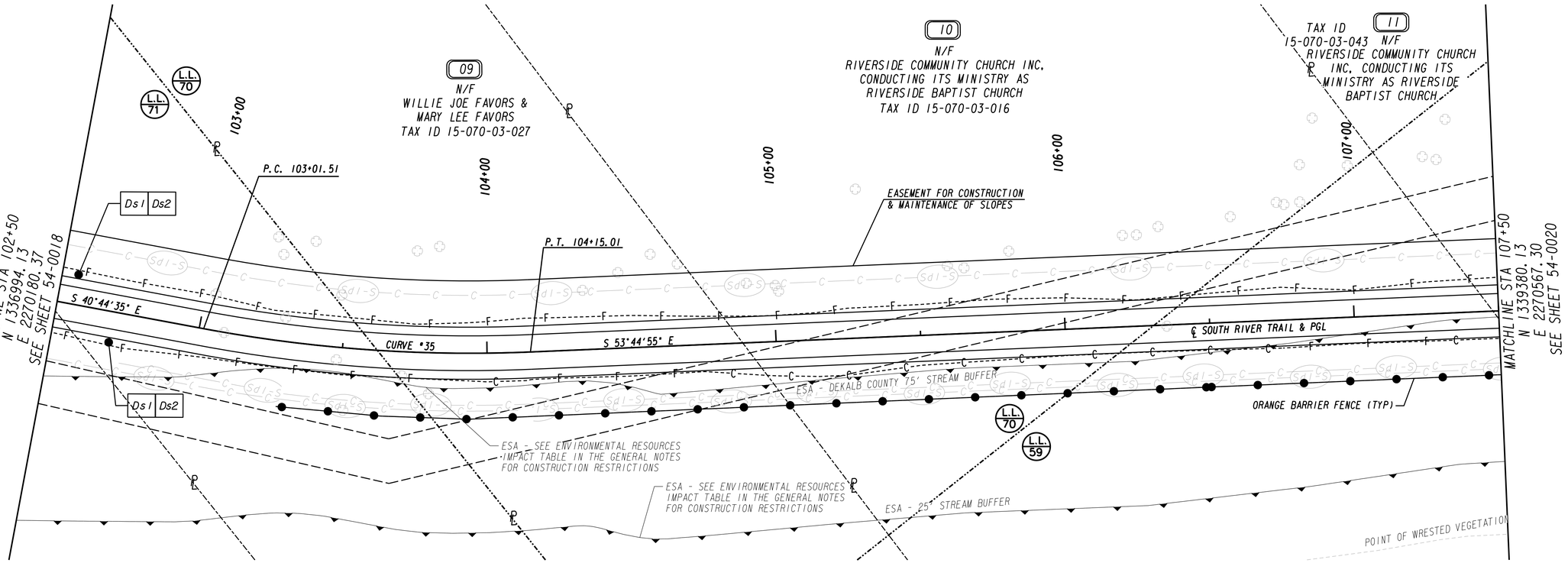
CORRECTED:	AE & PAL	DATE:	05-07-2018
VERIFIED:	MHH	DATE:	05-07-2018

DRAWING No. 54-0042

7/31/2015 GPLN



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
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LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

Heath & Lineback Engineers
INCORPORATED
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MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

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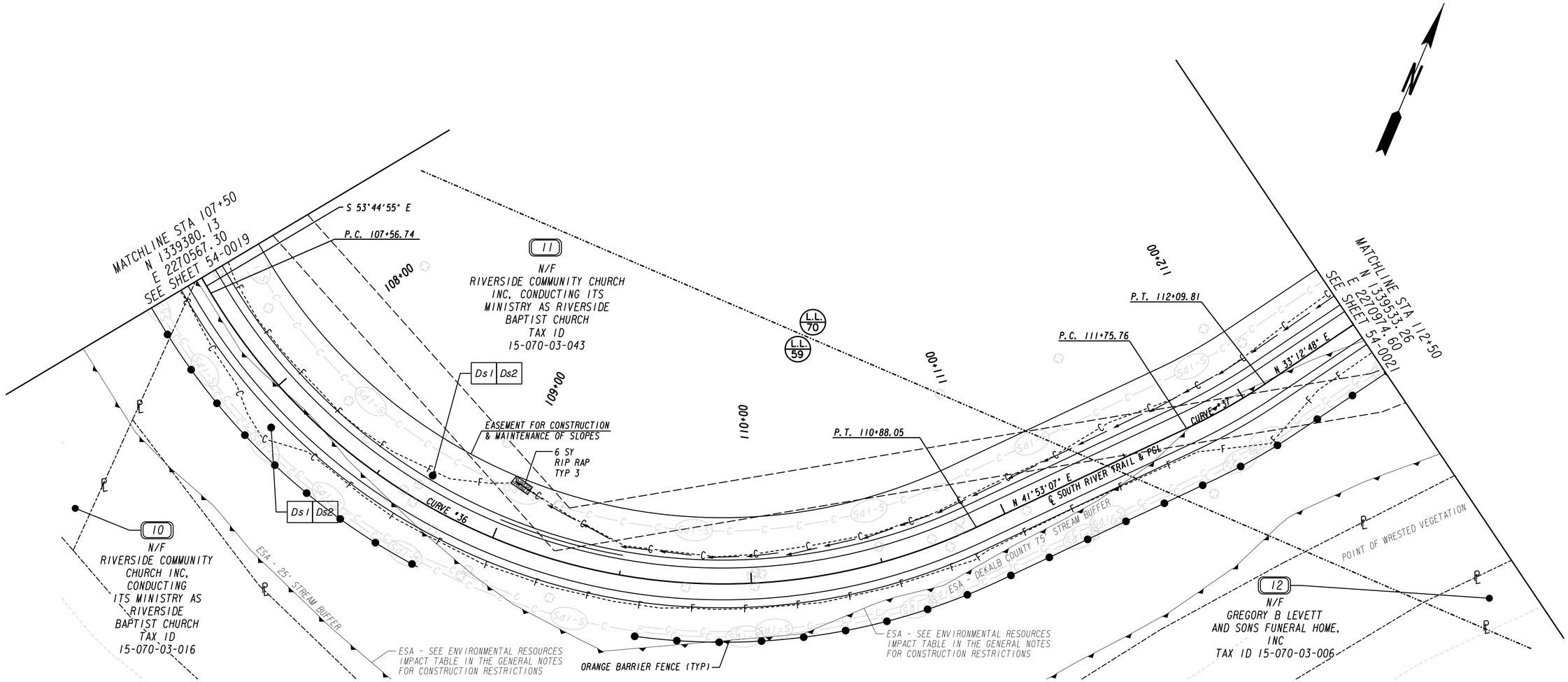
DRAWING No. 54-0043



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

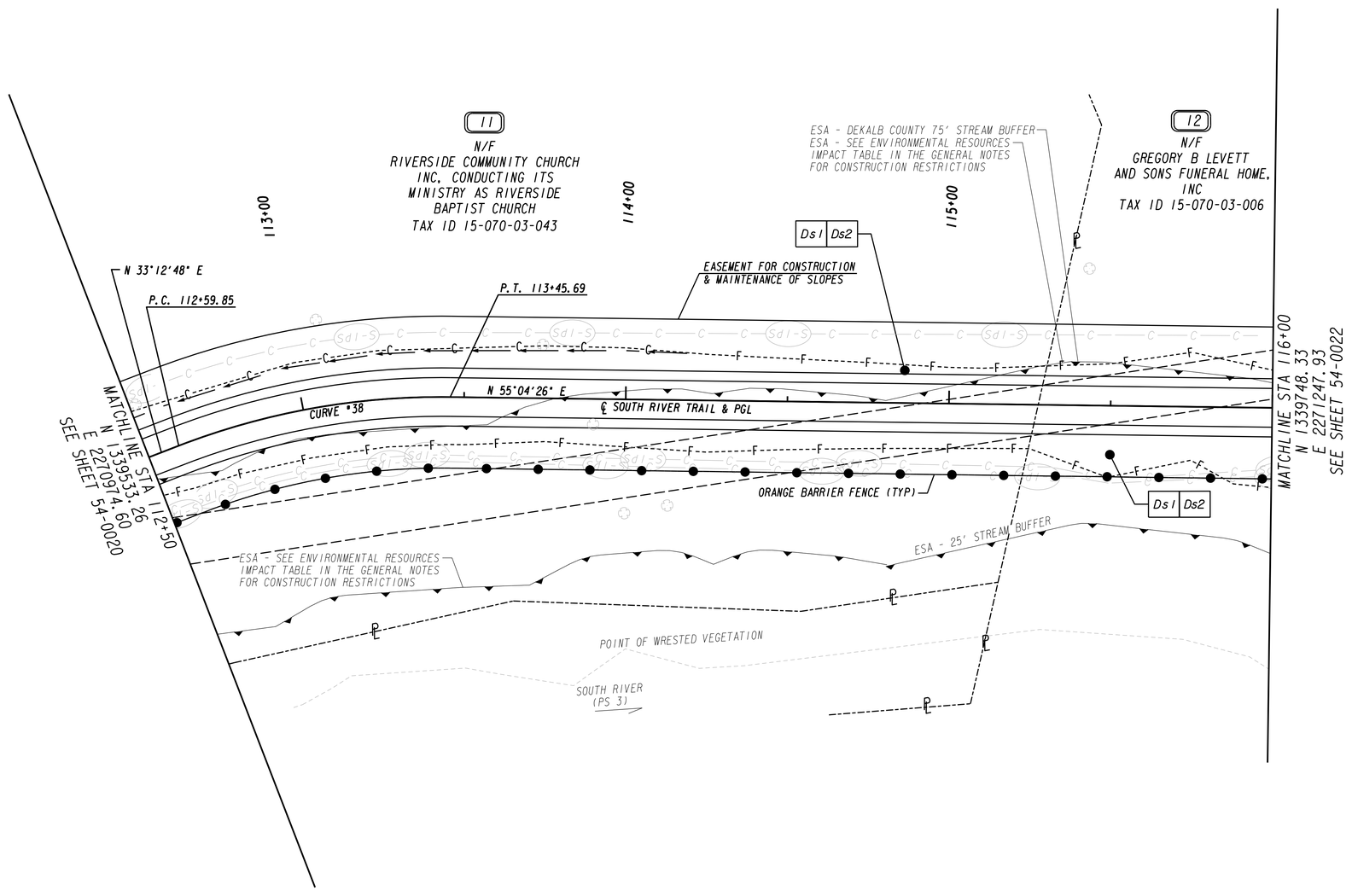
BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
BACKCHECKED:	CAD	DATE:	05-07-2018
CORRECTED:	AE & PAL	DATE:	05-07-2018
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0044

7/31/2015 GPLN



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

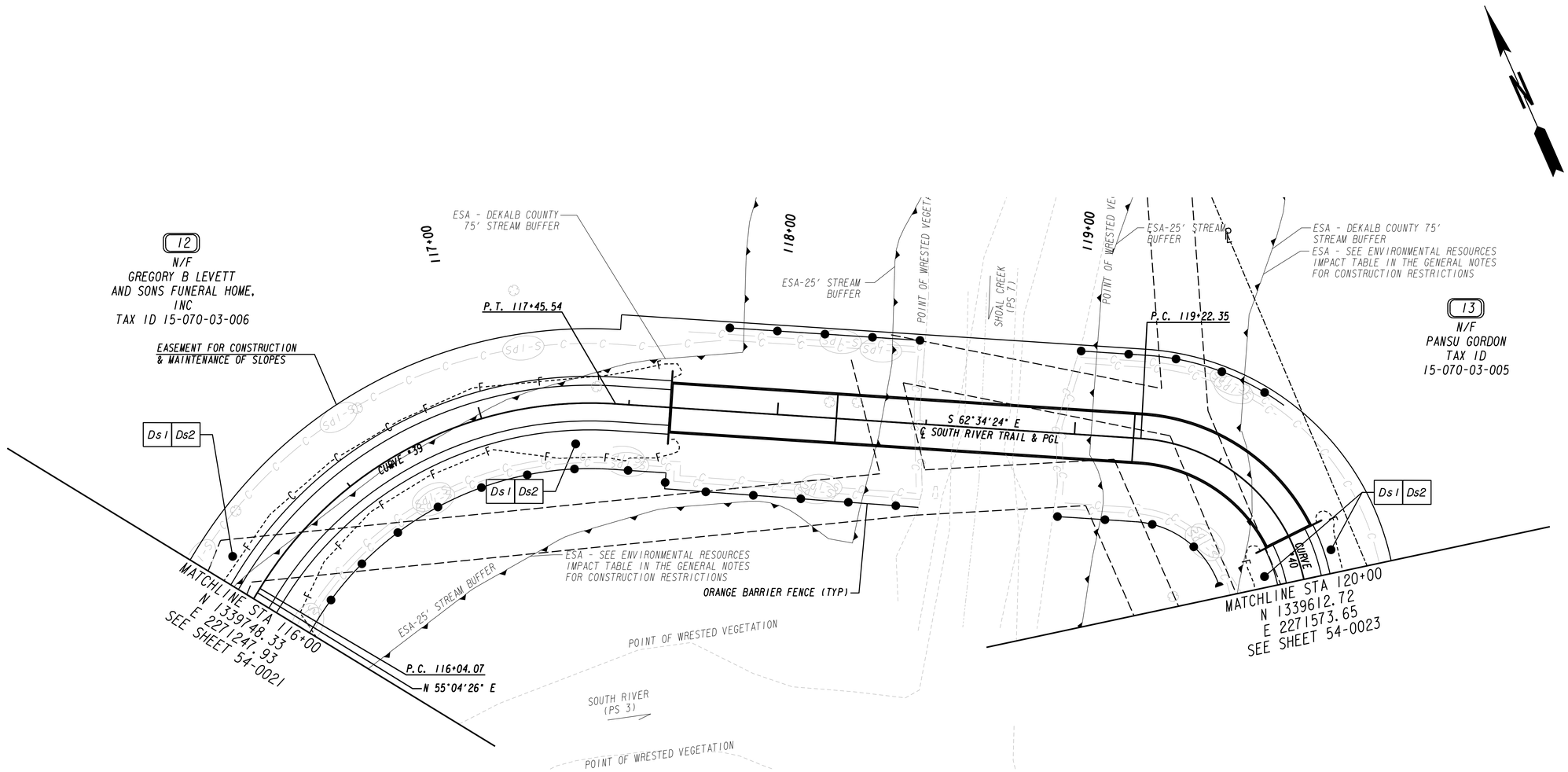
DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018	DRAWING No.
BACKCHECKED:	CAD	DATE:	05-07-2018	
CORRECTED:	AE & PAL	DATE:	05-07-2018	54-0045
VERIFIED:	MWH	DATE:	05-07-2018	

7/31/2015 GPLN



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018	DRAWING No.
BACKCHECKED:	CAD	DATE:	05-07-2018	
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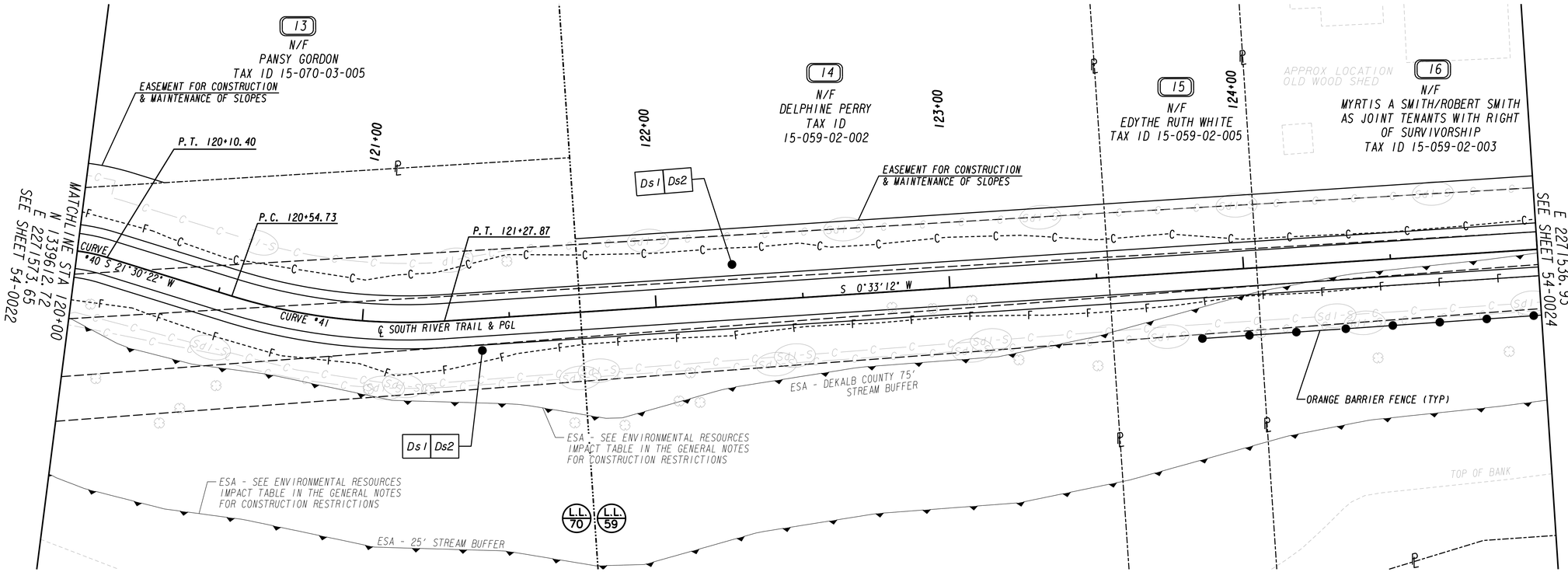
VERIFIED:	MWH	DATE:	05-07-2018	

7/31/2015 GPLN



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

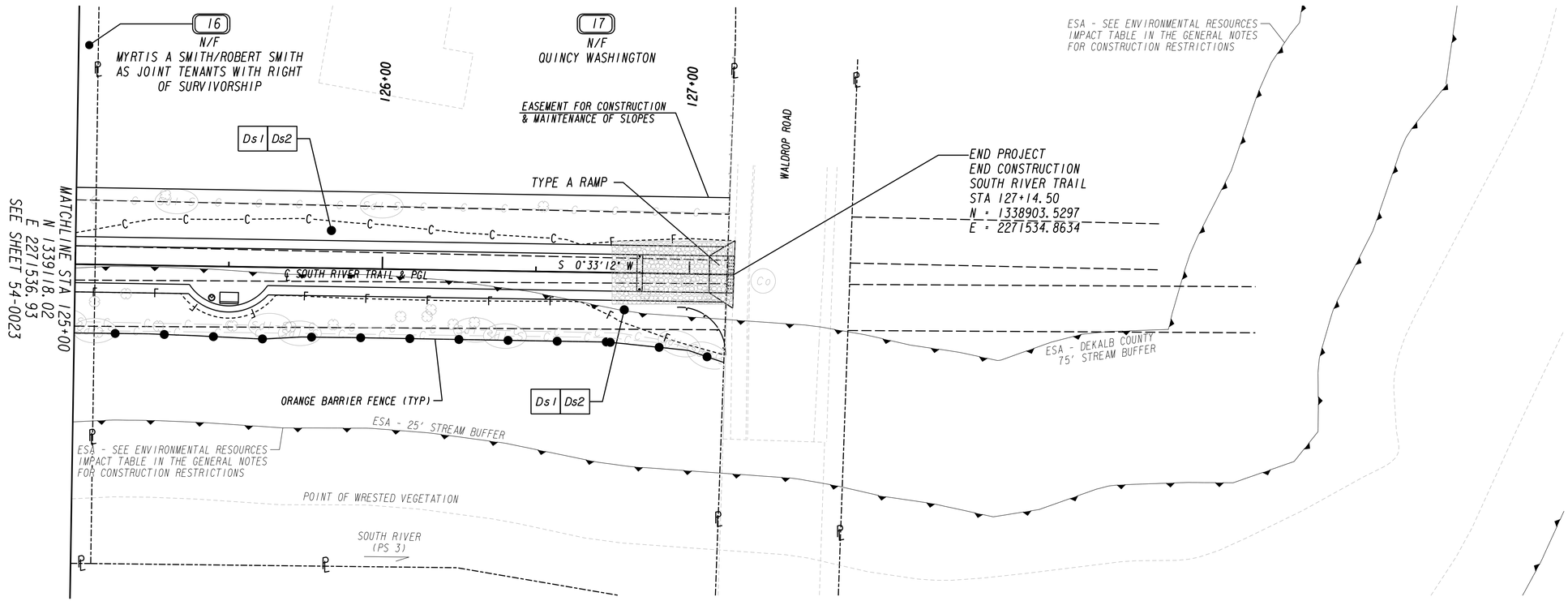
DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018	DRAWING No.
BACKCHECKED:	CAD	DATE:	05-07-2018	
CORRECTED:	AE & PAL	DATE:	05-07-2018	54-0047
VERIFIED:	MWH	DATE:	05-07-2018	

7/31/2015 GPLN



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
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LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PHASE
SOUTH RIVER TRAIL, PHASE 5

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VERIFIED:	WMH	DATE:	05-07-2018

DRAWING No. 54-0048

BEGIN PROJECT
BEGIN CONSTRUCTION
SOUTH RIVER TRAIL
STA 10+11.00
N = 1341591.5549
E = 2263154.0625

TIE TO EXISTING
GRAVEL PARKING LOT

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
ESA - DEKALB COUNTY
75' STREAM BUFFER

01
BOARD OF REGENTS OF
THE UNIVERSITY SYSTEM OF GEORGIA
TAX ID 15-088-01-002

EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES

11+00
12+00
13+00
14+00

Ds1 | Ds3

P.T. 11+75.30
P.C. 11+02.90
S 30°47'29" E
℄ SOUTH RIVER TRAIL & PGL
CURVE #1
TYPE A RAMP
P.C. 11+82.68
S 72°16'18" E

A-1 B-1 C-1
A-2 B-2 C-2
CURVE #2
S 34°51'36" E
CURVE #3
P.T. 12+47.98
P.C. 13+73.41
6 SY RIP RAP TYP 3

MATCHLINE STA 14+50
N 1341256.26
E 2263419.24
SEE SHEET 54-0002

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
ESA - 25' STREAM BUFFER

POINT OF WIDEN

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
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LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
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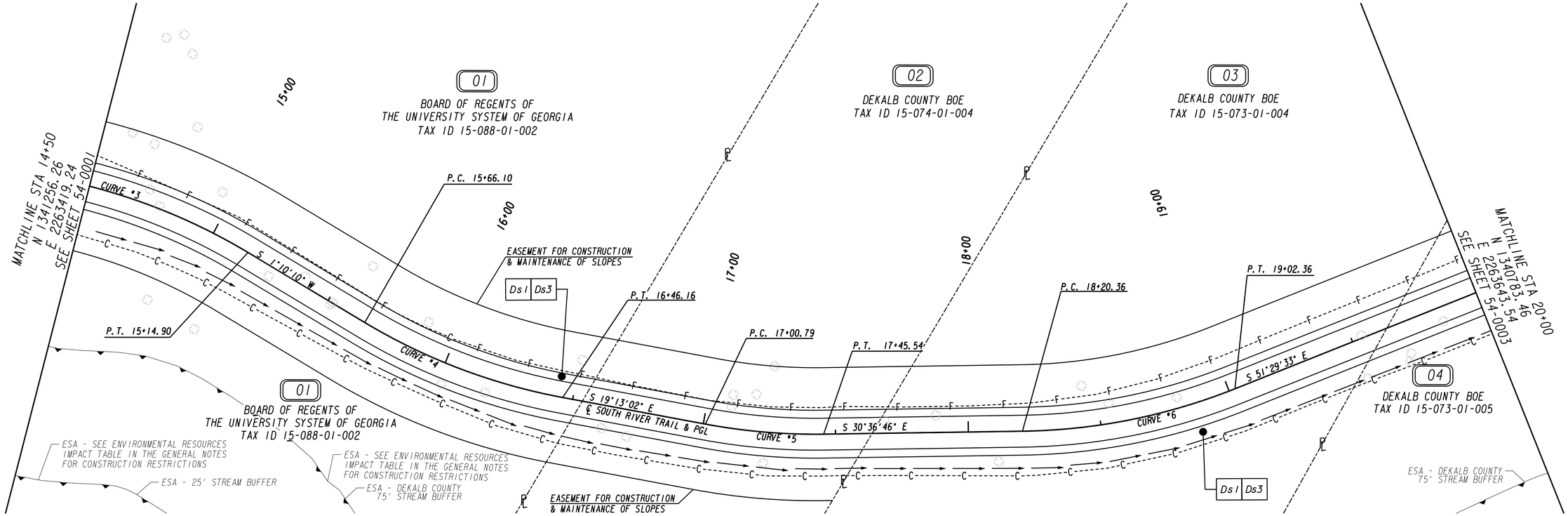
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0049

7/31/2015 GPLN



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
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LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

Heath & Lineback Engineers
INCORPORATED
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MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

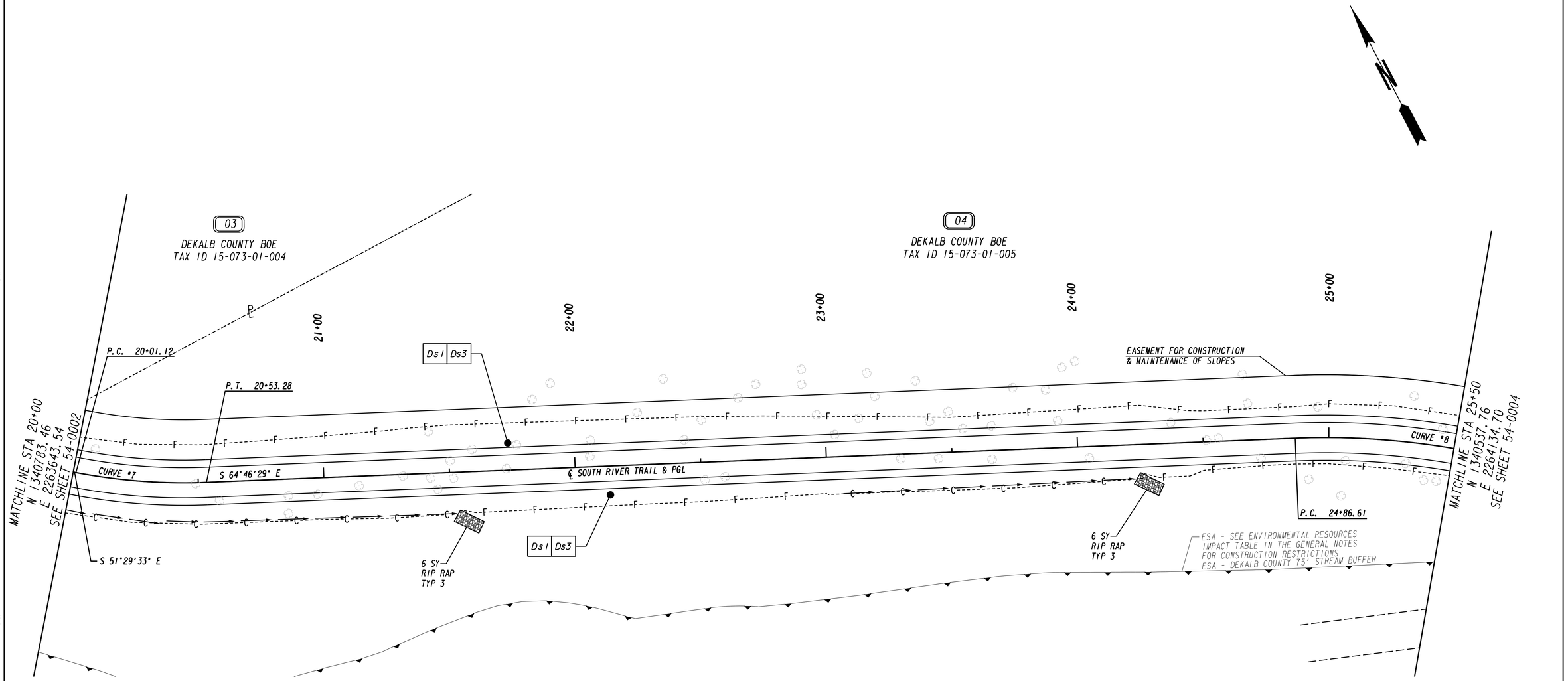
DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018	DRAWING No.
BACKCHECKED:	CAD	DATE:	05-07-2018	
CORRECTED:	AE & PAL	DATE:	05-07-2018	54-0050
VERIFIED:	MWH	DATE:	05-07-2018	

7/31/2015 GPLN



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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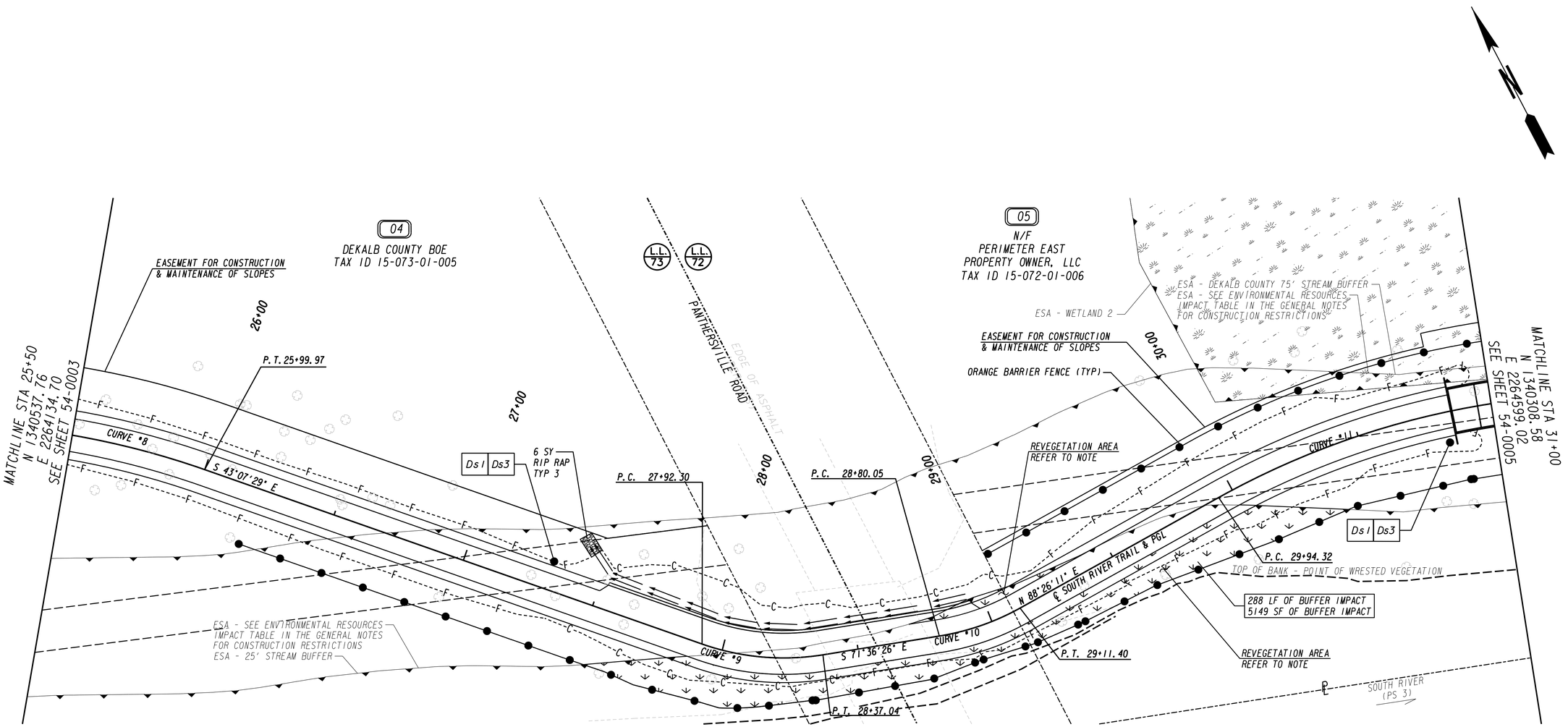
CORRECTED:	AE & PAL	DATE:	05-07-2018
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0051

7/31/2015 GPLN



NOTE: REVEGETATION AREAS REQUIRE RIPARIAN SEED MIX PER GDOT STANDARD SPECIFICATIONS SECTION 700.

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
REVEGETATION AREA

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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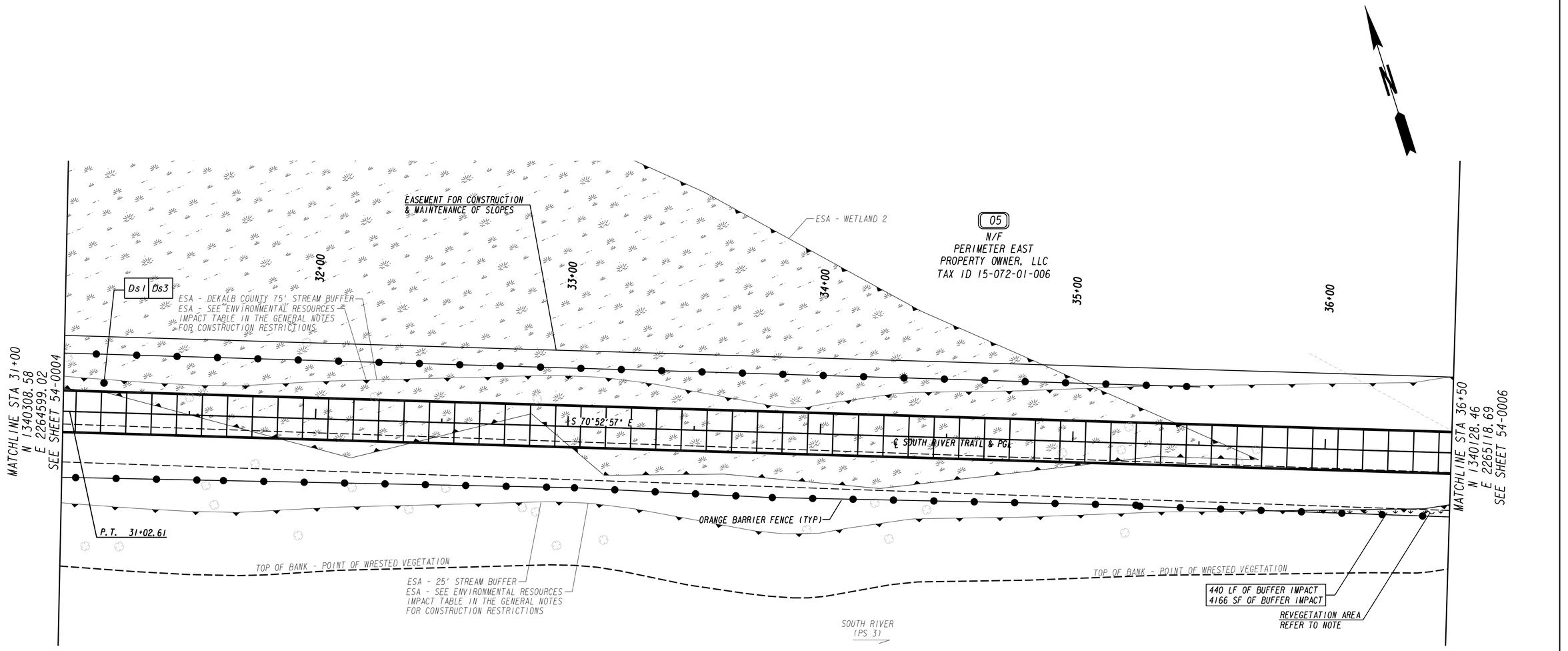
CORRECTED:	AE & PAL	DATE:	05-07-2018
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0052

7/31/2015 GPLN



NOTE: REVEGETATION AREAS REQUIRE RIPARIAN SEED MIX PER GDOT STANDARD SPECIFICATIONS SECTION 700.

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
REVEGETATION AREA

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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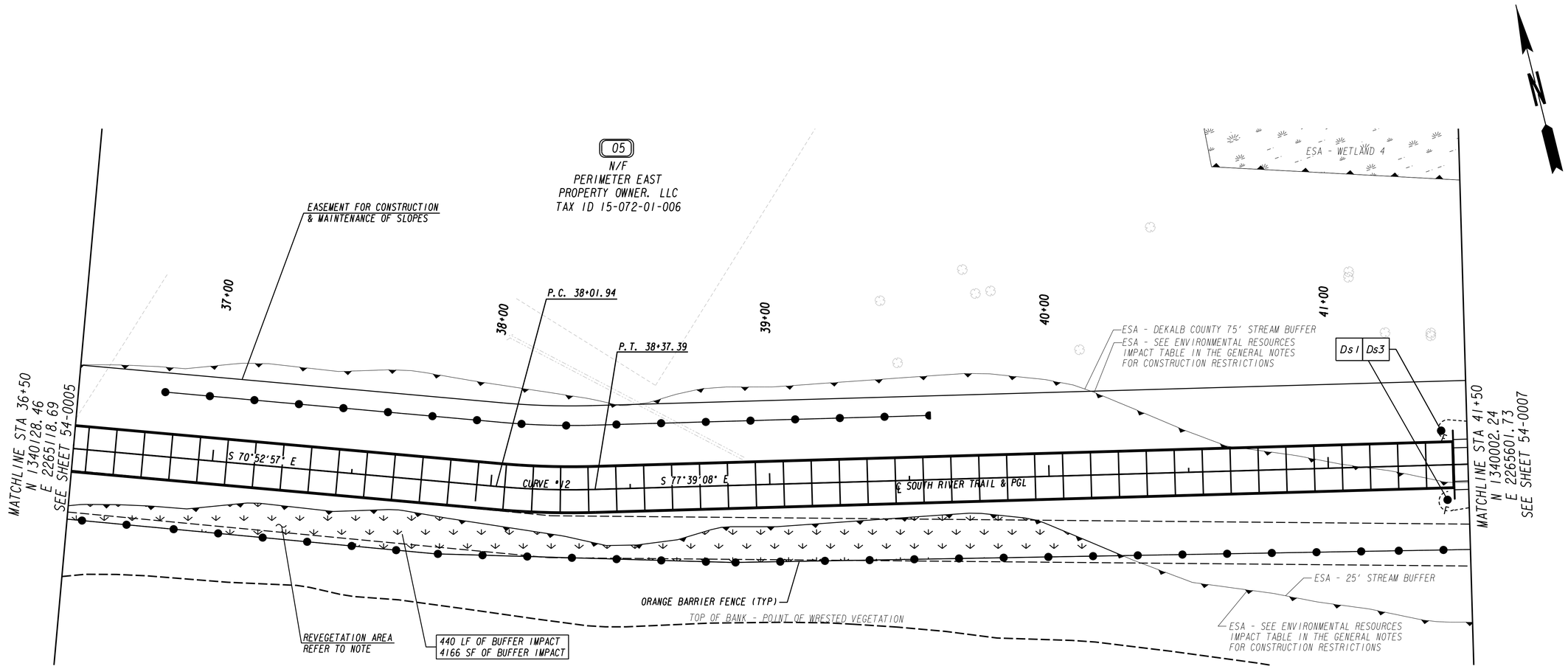
CORRECTED:	AE & PAL	DATE:	05-07-2018
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0053



NOTE: REVEGETATION AREAS REQUIRE RIPARIAN SEED MIX PER GDOT STANDARD SPECIFICATIONS SECTION 700.

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
REVEGETATION AREA

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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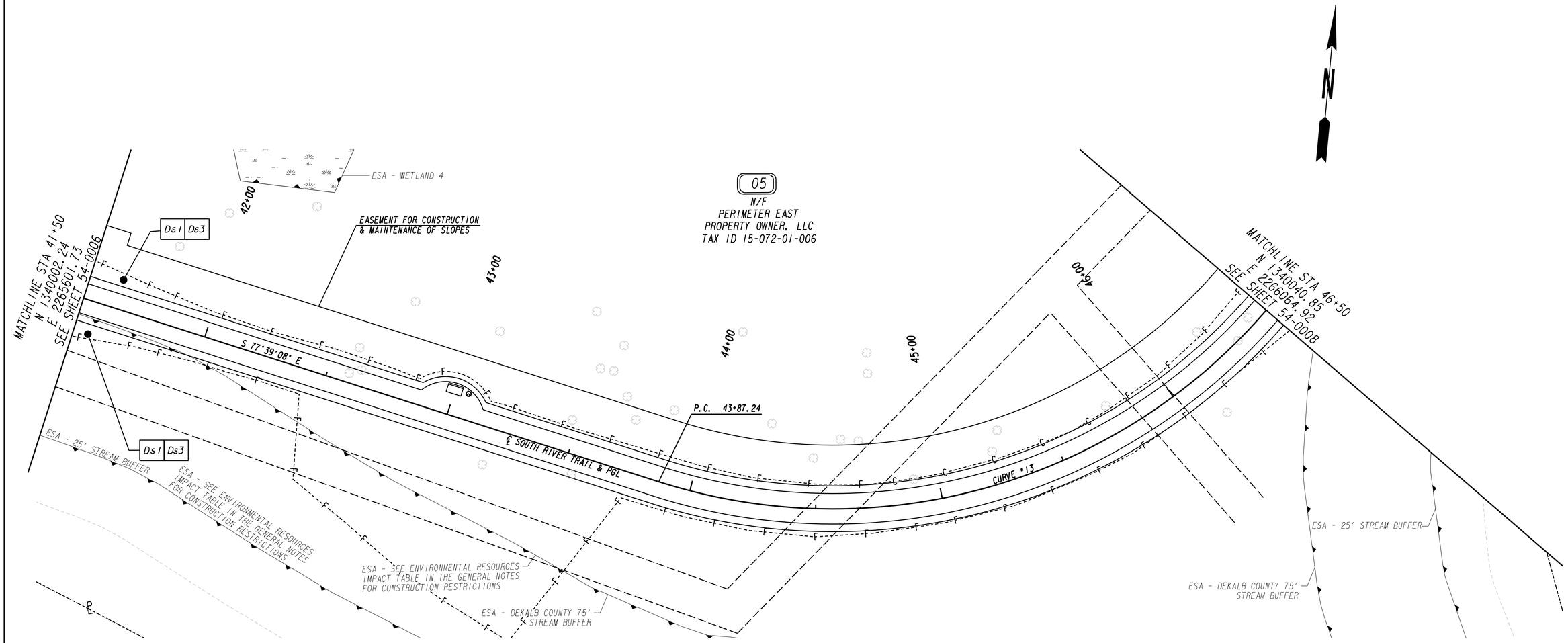
CORRECTED:	AE & PAL	DATE:	05-07-2018
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0054



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS
STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
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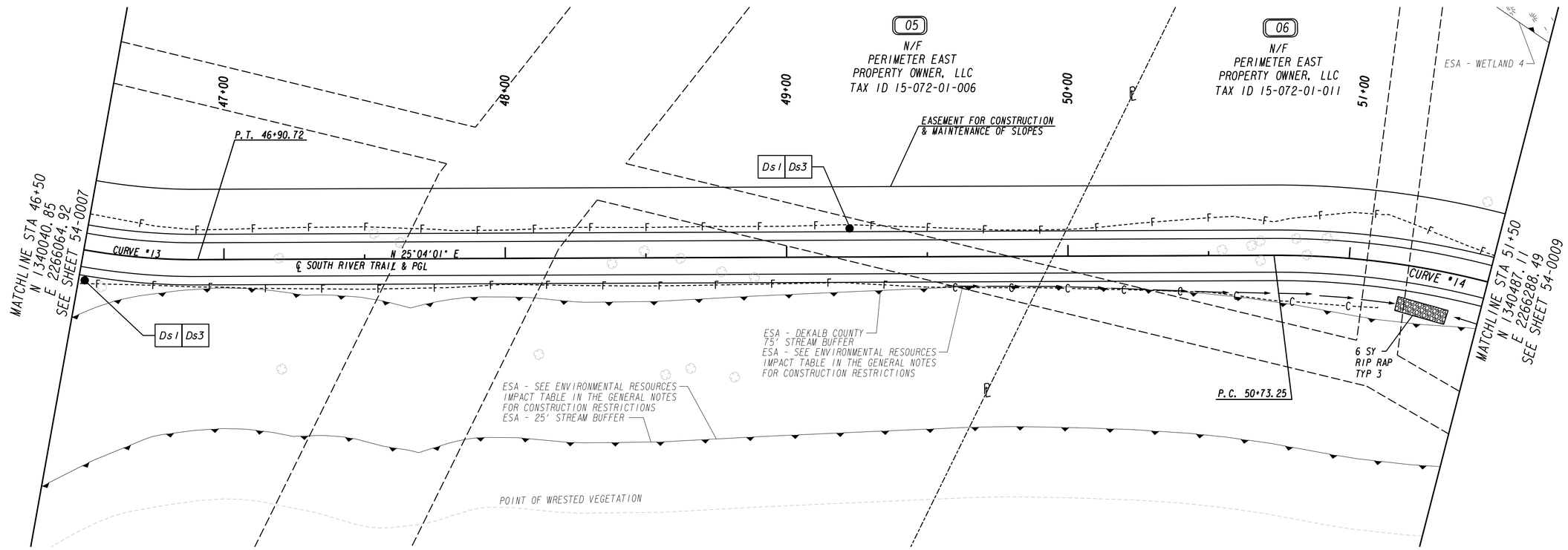
CORRECTED:	AE & PAL	DATE:	05-07-2018
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0055

7/31/2015 GPLN



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
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CORRECTED:	AE & PAL	DATE:	05-07-2018
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0056

7/31/2015 GPLN

06

N/F
PERIMETER EAST
PROPERTY OWNER, LLC
TAX ID 15-072-01-011

52+00 53+00 54+00 55+00 56+00

EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES

ESA - DEKALB COUNTY 75' STREAM BUFFER

Ds1 | Ds3

N 64°48'30" E

℄ SOUTH RIVER TRAIL & PGL

CURVE #14

CURVE #15

N 84°32'15" E

CURVE #16

P.T. 52+81.34

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

ESA - 25' STREAM BUFFER

POINT OF WRESTED VEGETATION

P.C. 54+81.56

P.T. 55+59.03

SOUTH RIVER (PS 3)

P.C. 56+25.57

P.T. 56+43.75

POINT OF WRESTED VEGETATION

MATCHLINE STA 51+50
N 1340487.11
E 2266288.49
SEE SHEET 54-0008

MATCHLINE STA 56+50
N 1340682.49
E 2266737.43
SEE SHEET 54-0010

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
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LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS
STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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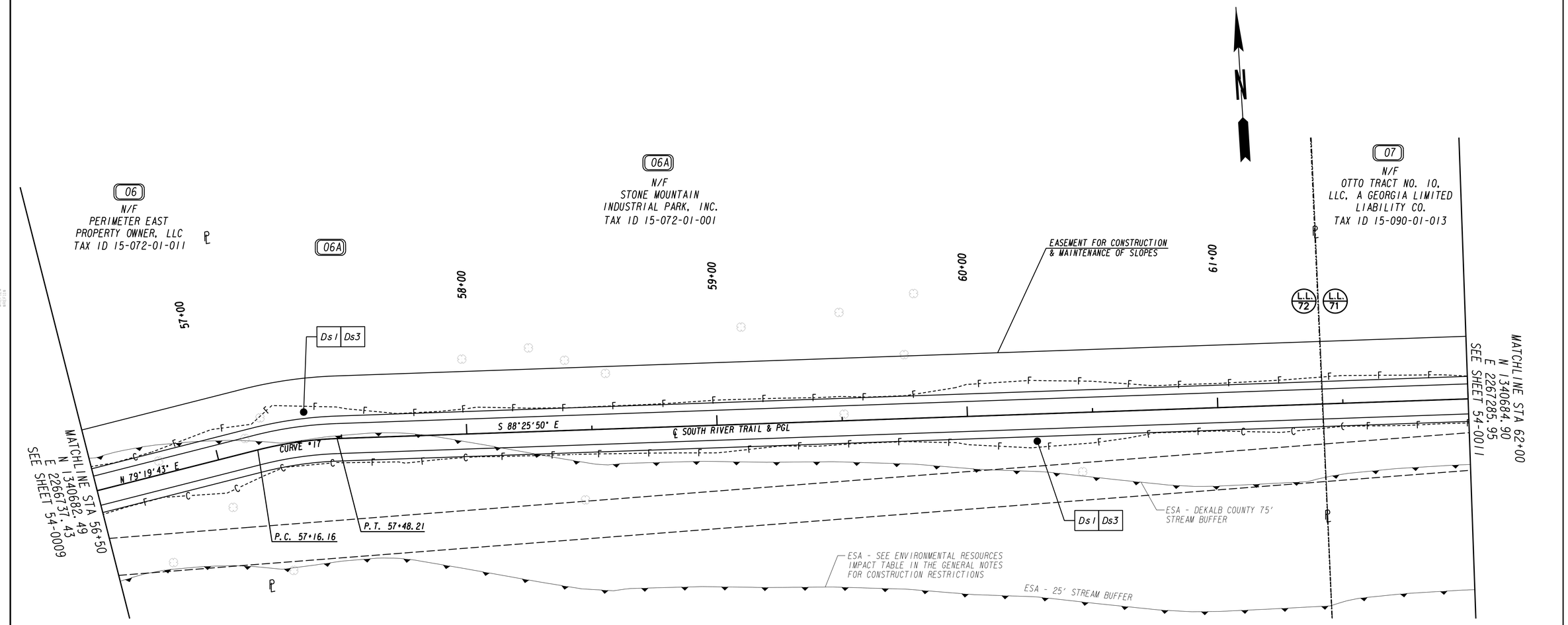
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0057

7/31/2015 GPLN



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
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Heath & Lineback Engineers
INCORPORATED
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(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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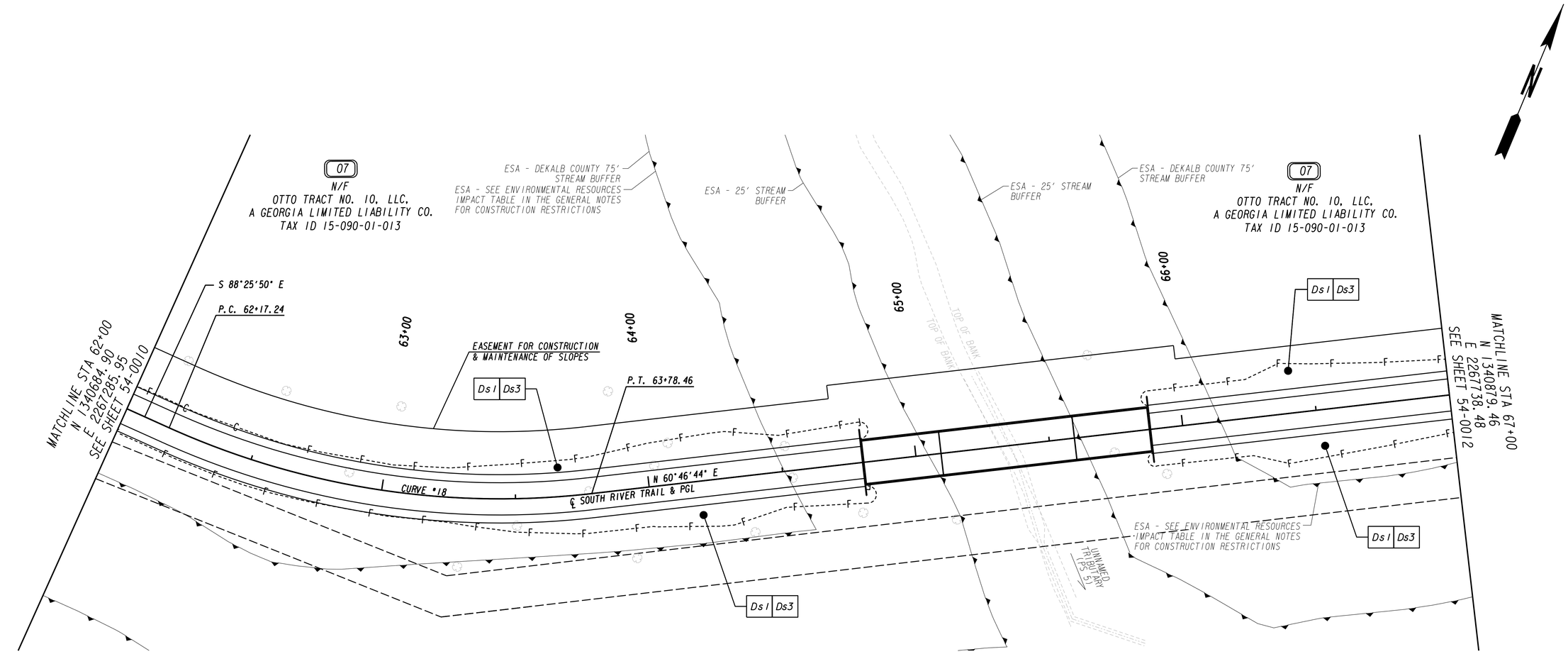
CORRECTED:	AE & PAL	DATE:	05-07-2018
VERIFIED:	WMH	DATE:	05-07-2018

DRAWING No. 54-0058

7/31/2015 GPLN



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

Heath & Lineback Engineers
INCORPORATED
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MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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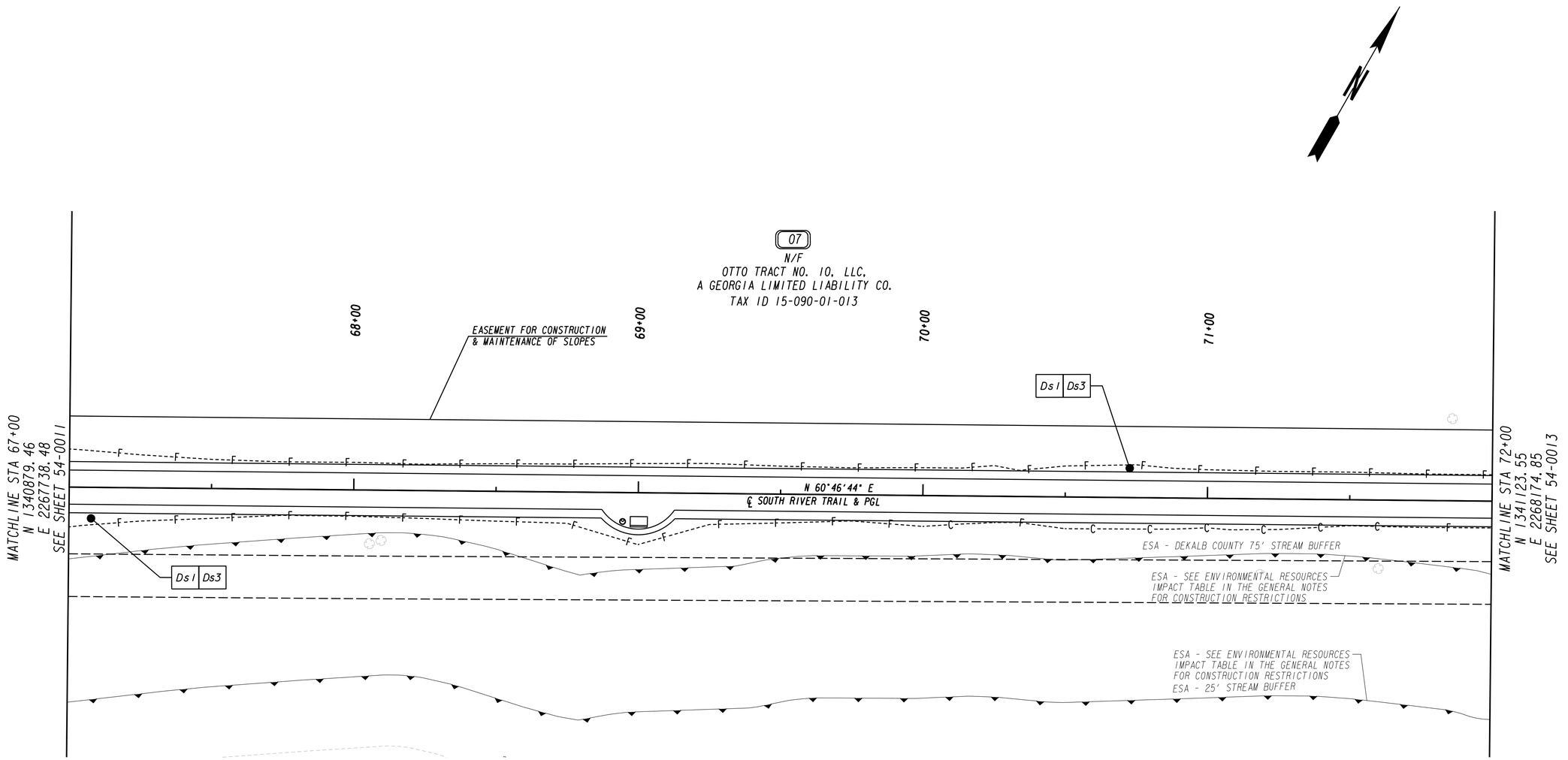
VERIFIED:	MNH	DATE:	05-07-2018

DRAWING No. 54-0059



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

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LIMIT OF ACCESS
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Heath & Lineback Engineers
INCORPORATED
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MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

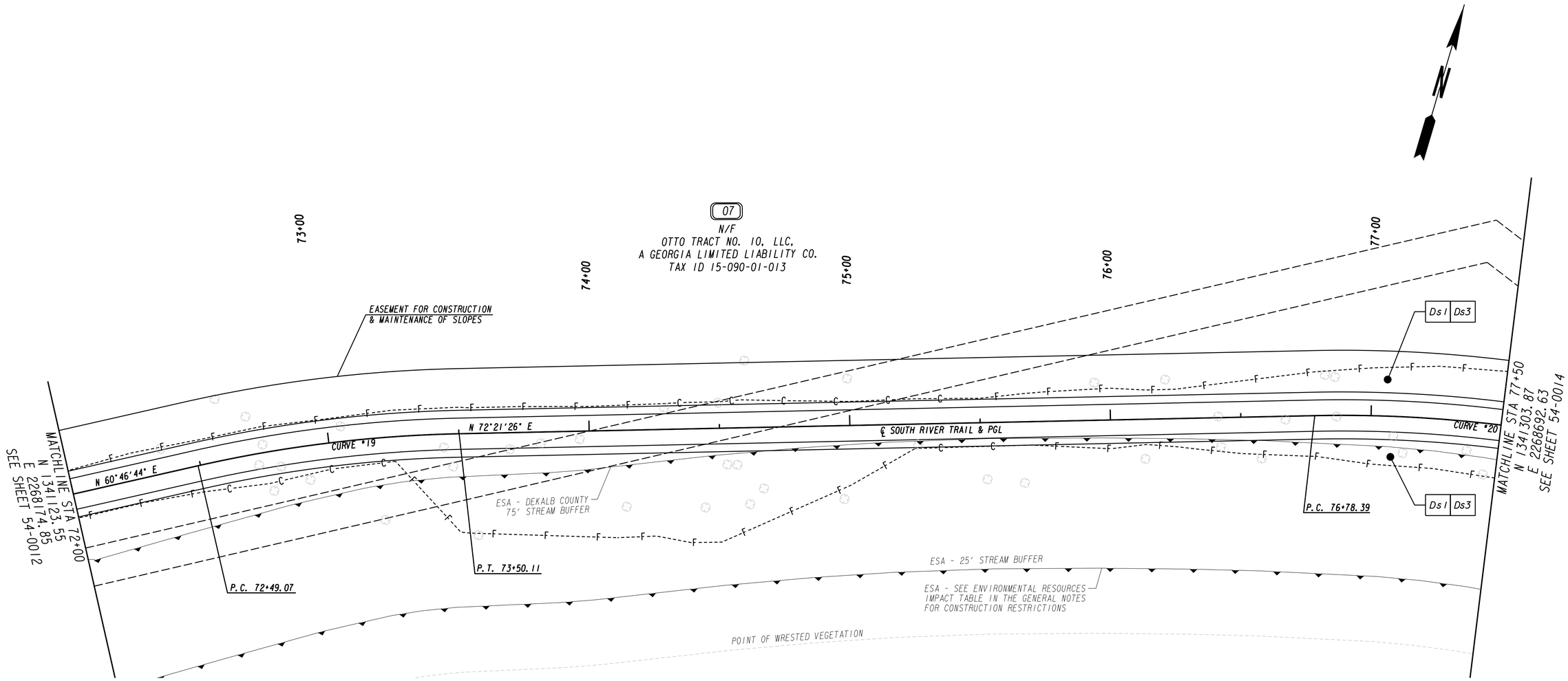
DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018	DRAWING No.
BACKCHECKED:	CAD	DATE:	05-07-2018	
CORRECTED:	AE & PAL	DATE:	05-07-2018	54-0060
VERIFIED:	MWH	DATE:	05-07-2018	

7/31/2015 GPLN



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

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018
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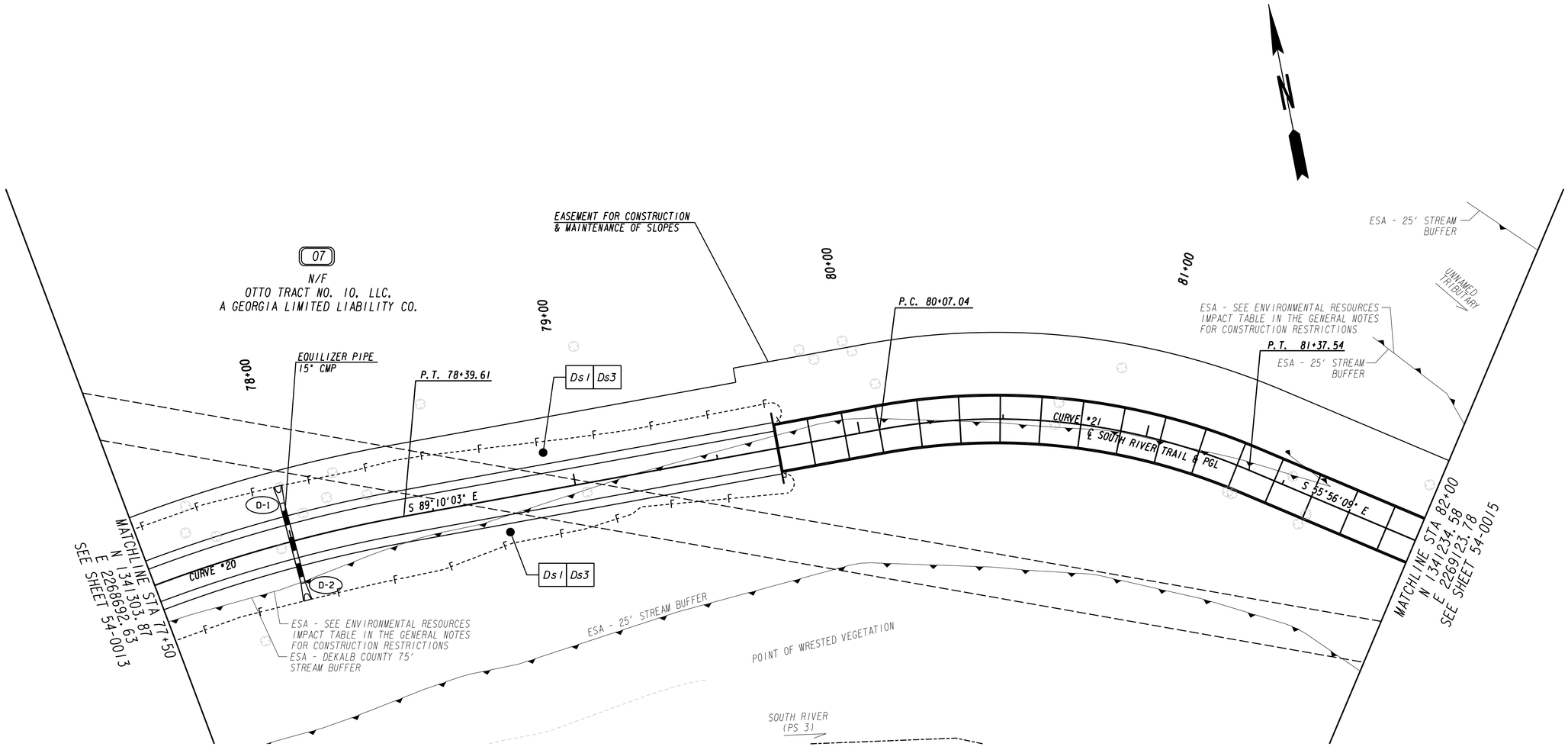
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0061

7/31/2015 GPLN



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

Heath & Lineback Engineers
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MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

CHECKED:	PTP	DATE:	04-21-2018	DRAWING No.
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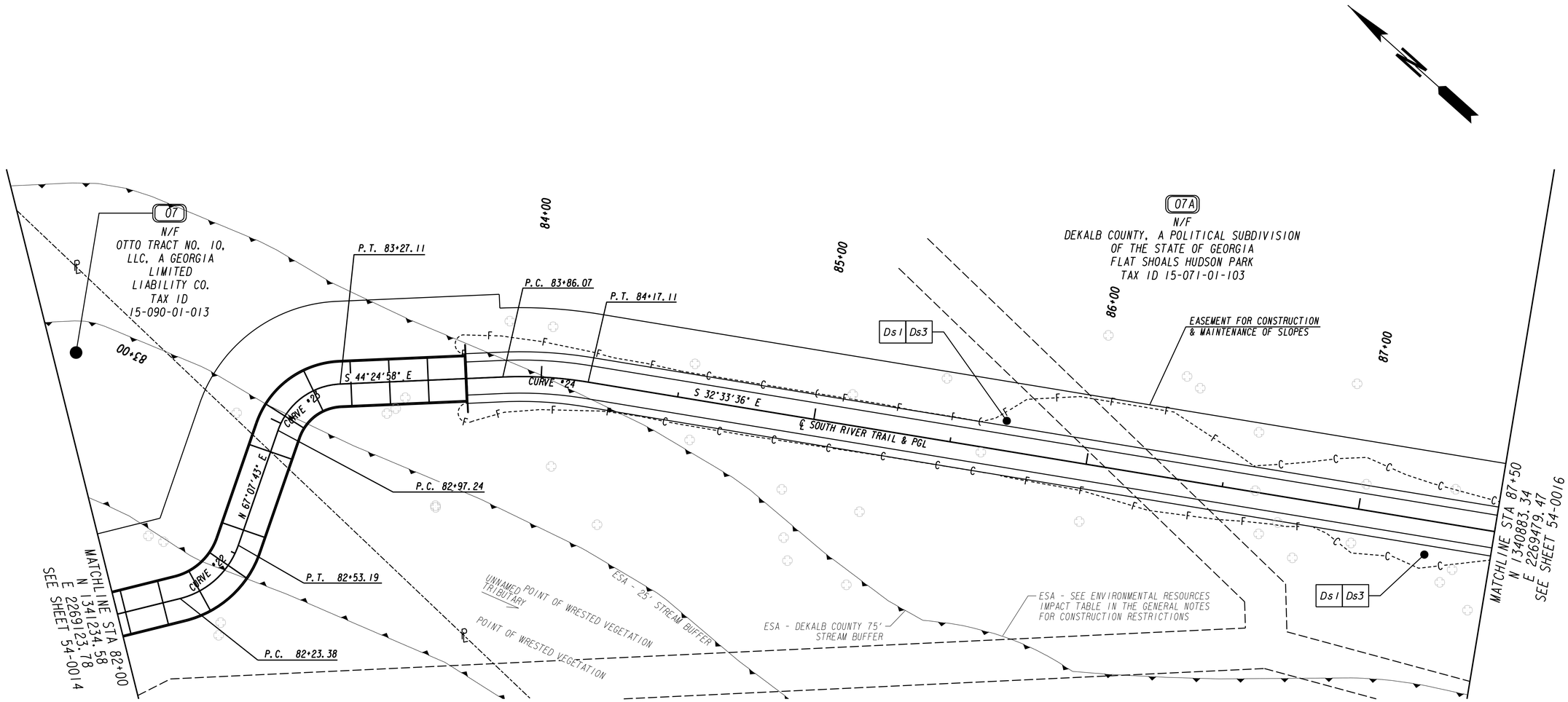
VERIFIED:	MWH	DATE:	05-07-2018	



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

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LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

Heath & Lineback Engineers
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SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS
STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0063

7/31/2015 GPLN

07A
N/F
DEKALB COUNTY, A POLITICAL SUBDIVISION
OF THE STATE OF GEORGIA
FLAT SHOALS HUDSON PARK
TAX ID 15-071-01-103

88+00
89+00
90+00
91+00

MATCHLINE STA 87+50
N 1340883.34
E 2269479.47
SEE SHEET 54-0015

S 32°33'36" E
P.C. 87+64.03
P.T. 88+16.53
S 65°59'05" E
℄ SOUTH RIVER TRAIL & PGL
CURVE #25
P.C. 89+22.49
CURVE #26
S 15°27'07" E
P.T. 90+01.87
Ds1 | Ds3
Ds1 | Ds3
EASEMENT FOR CONSTRUCTION
& MAINTENANCE OF SLOPES
CURVE #27
P.C. 91+83.57
MATCHLINE STA 92+00
N 1340545.11
E 2269724.48
SEE SHEET 54-0017

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
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REQ'D R/W & LIMIT OF ACCESS

Heath & Lineback Engineers
INCORPORATED
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(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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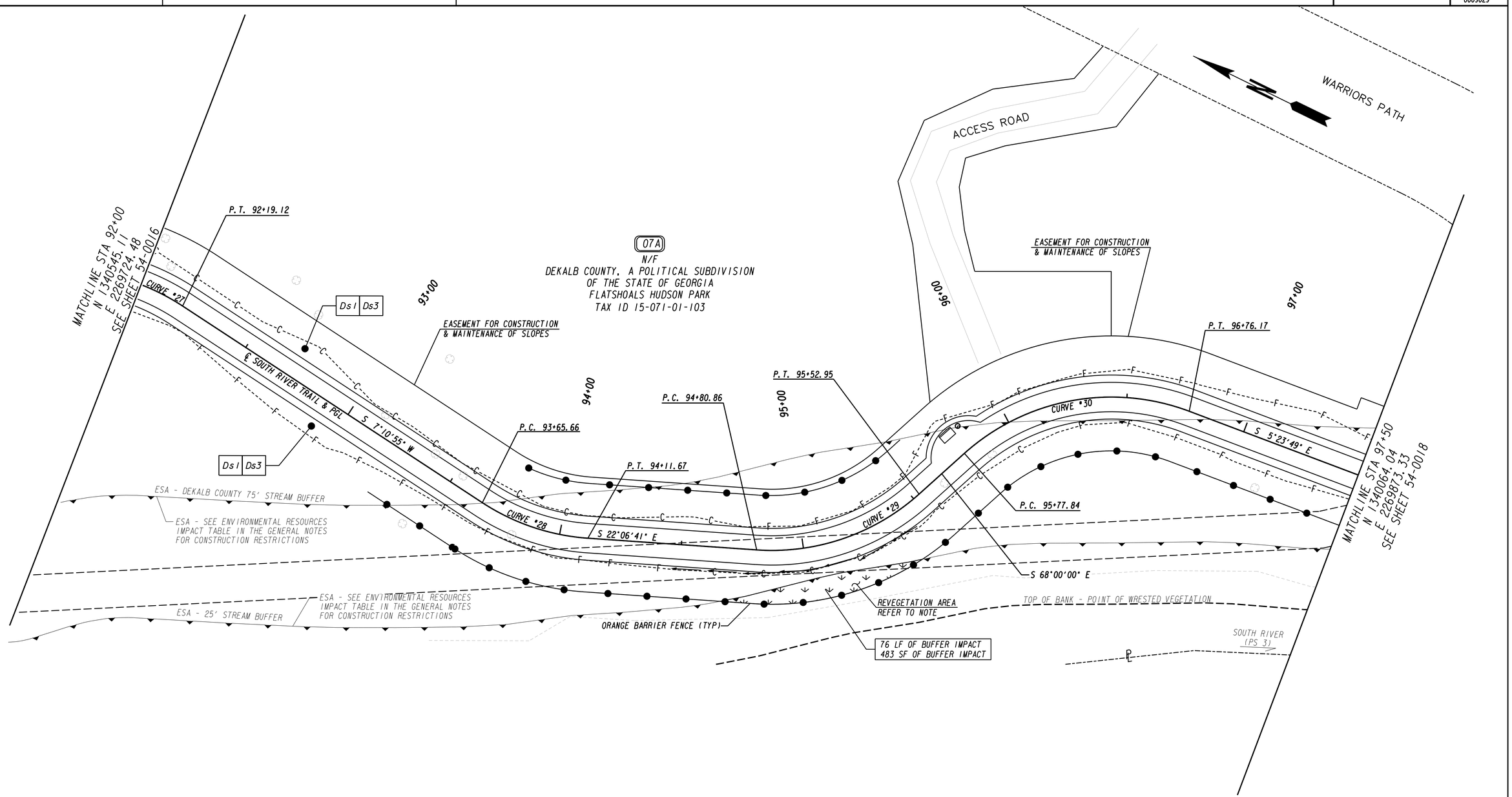
DRAWING No. 54-0064

7/31/2015 GPLN



NOTE: REVEGETATION AREAS REQUIRE RIPARIAN SEED MIX PER GDOT STANDARD SPECIFICATIONS SECTION 700.

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
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BEGIN LIMIT OF ACCESS.....BLA
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LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
REVEGETATION AREA

Heath & Lineback Engineers
INCORPORATED
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(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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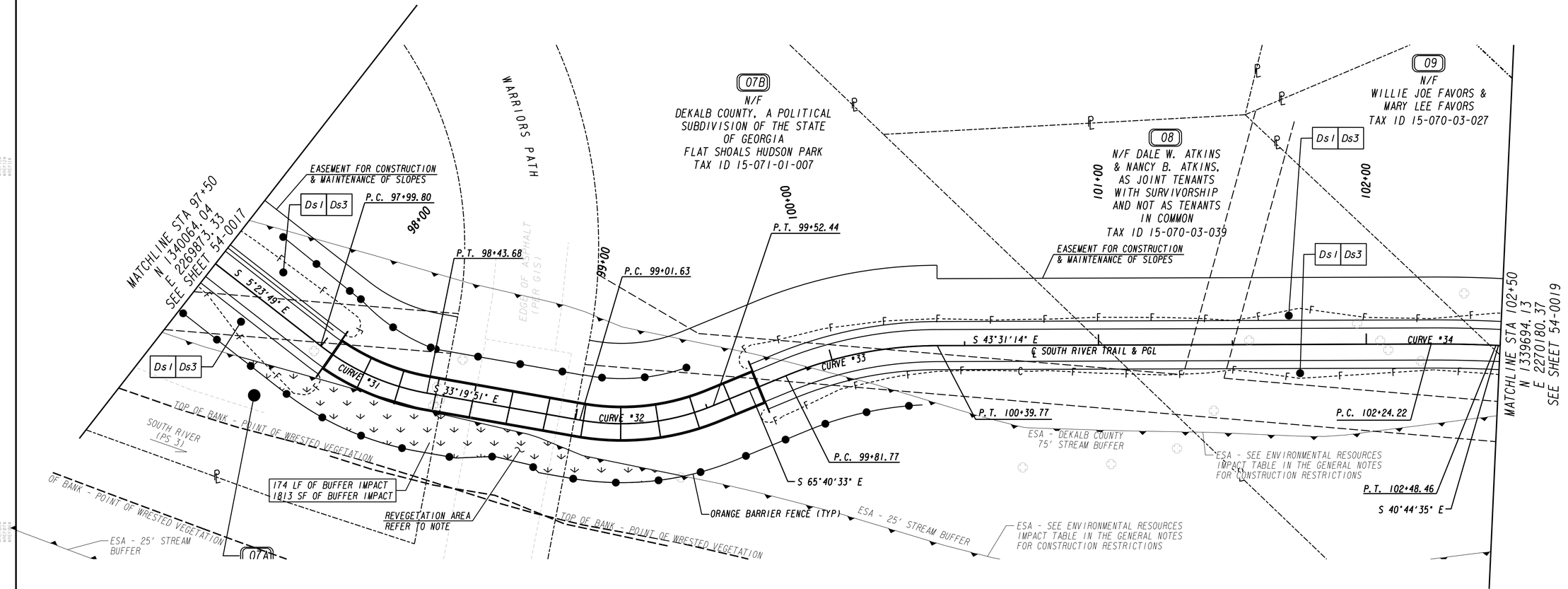
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0065



NOTE: REVEGETATION AREAS REQUIRE RIPARIAN SEED MIX PER GDOT STANDARD SPECIFICATIONS SECTION 700.

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

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SCALE IN FEET
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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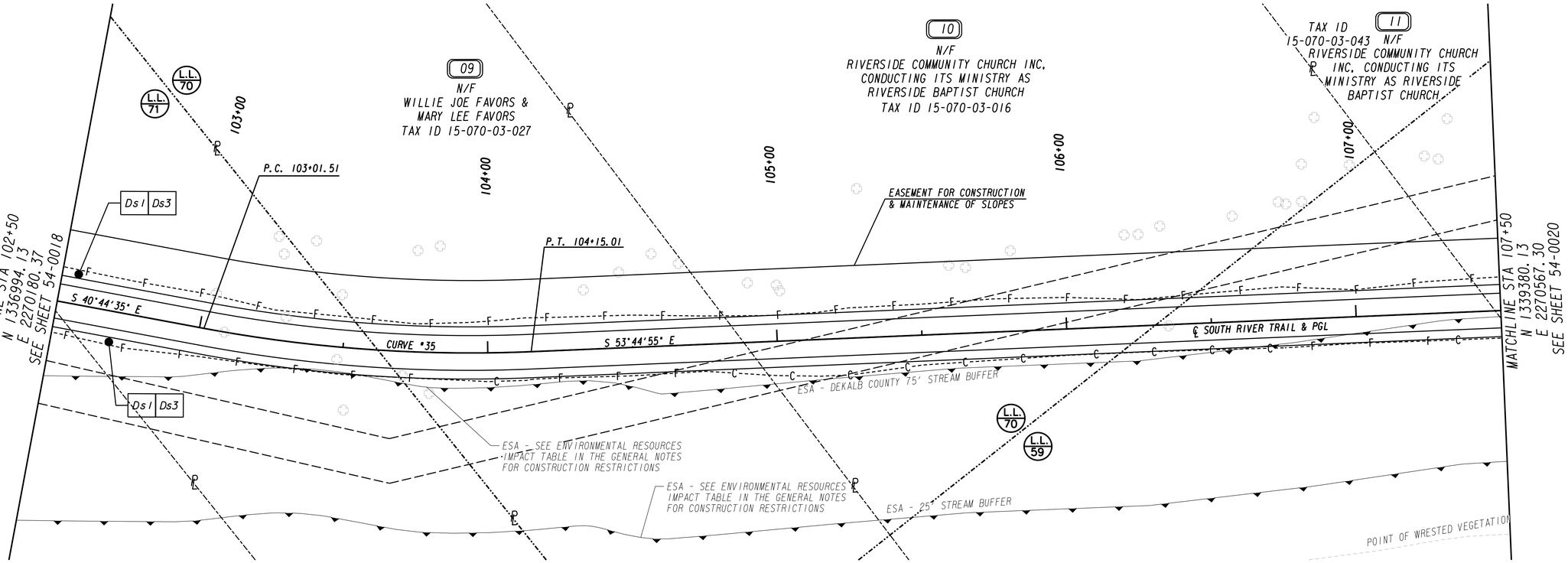
VERIFIED:	MHH	DATE:	05-07-2018

DRAWING No. 54-0066

7/31/2015 GPLN



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

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Heath & Lineback Engineers
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2390 CANTON ROAD, BUILDING 200
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(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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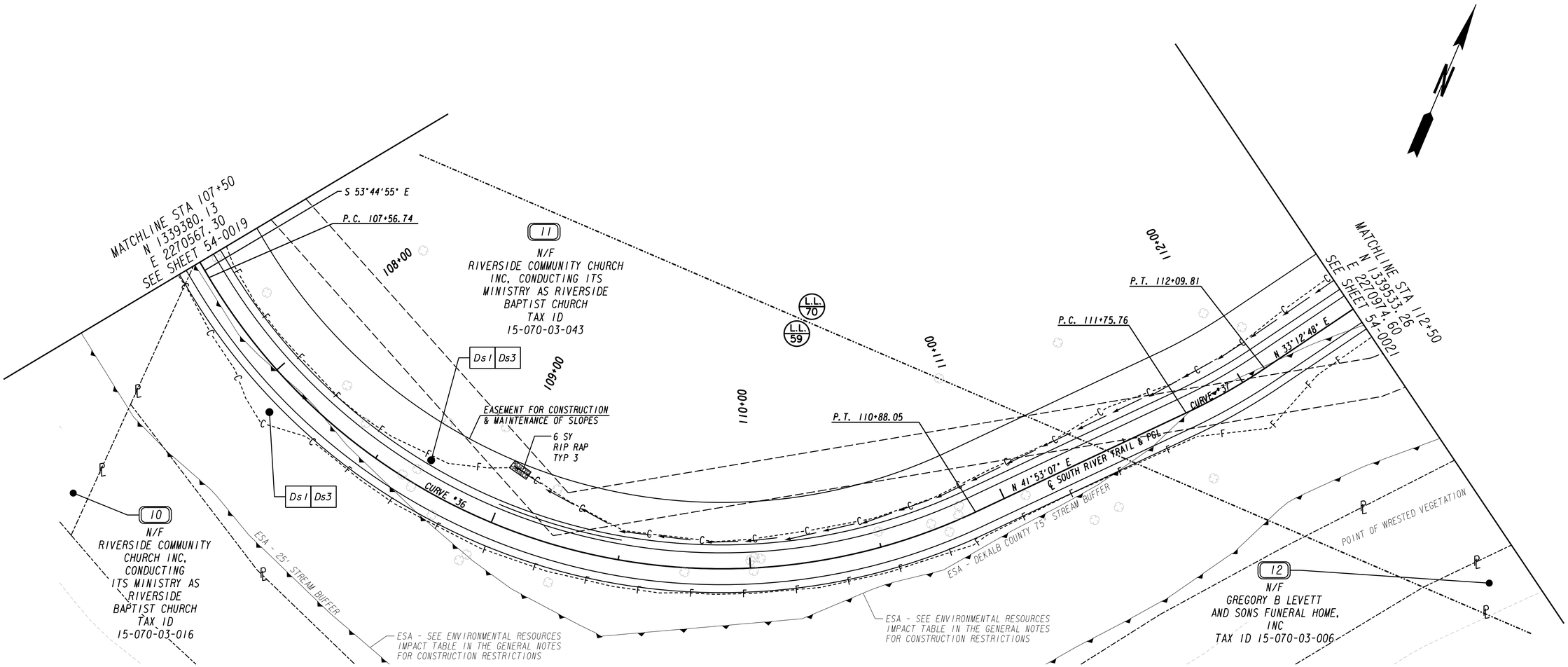
VERIFIED:	MWH	DATE:	05-07-2018	



PROPERTY AND EXISTING R/W LINE
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SCALE IN FEET
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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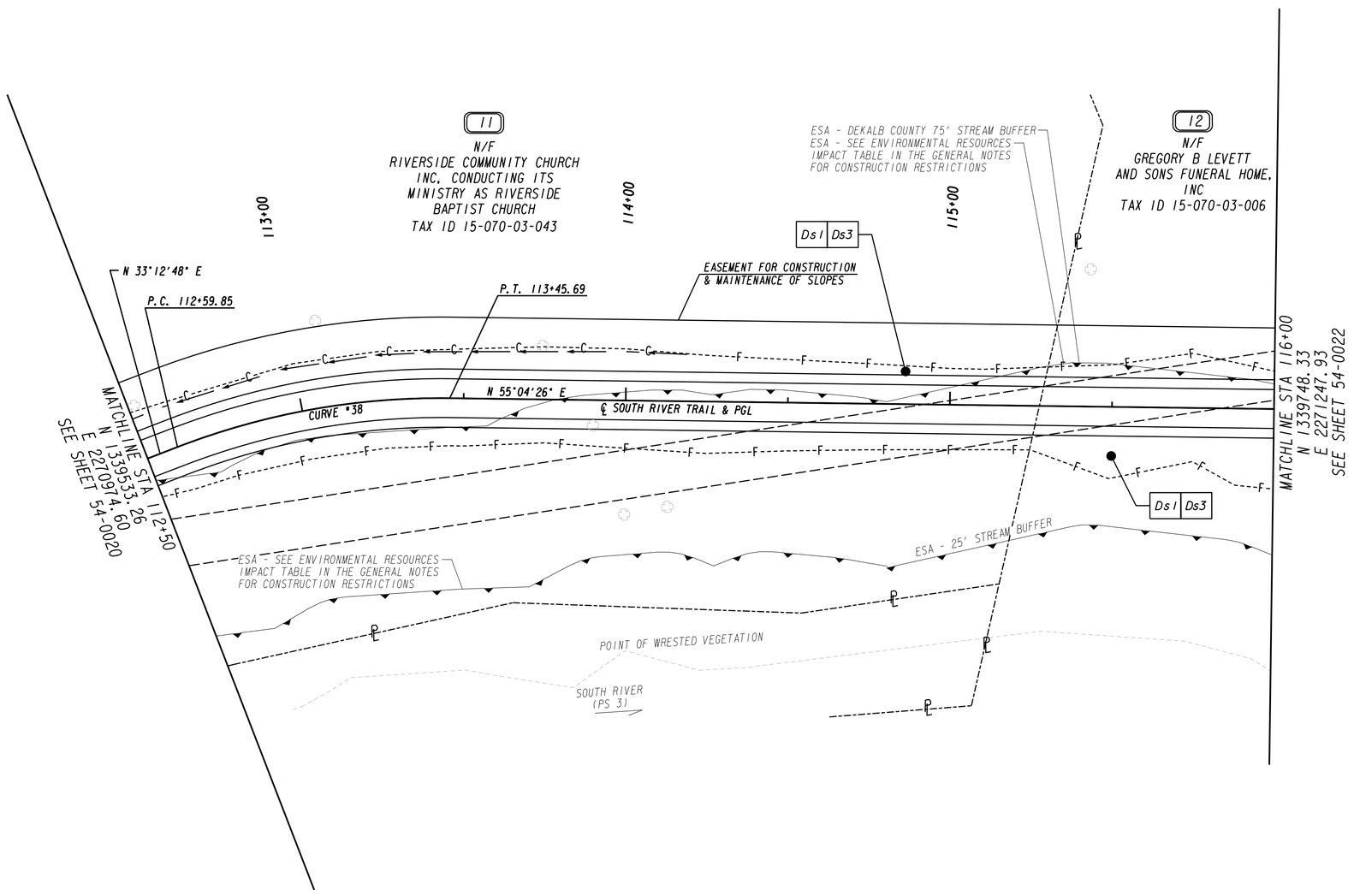
DRAWING No. 54-0068

7/31/2015 GPLN



PROPERTY AND EXISTING R/W LINE
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SCALE IN FEET
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REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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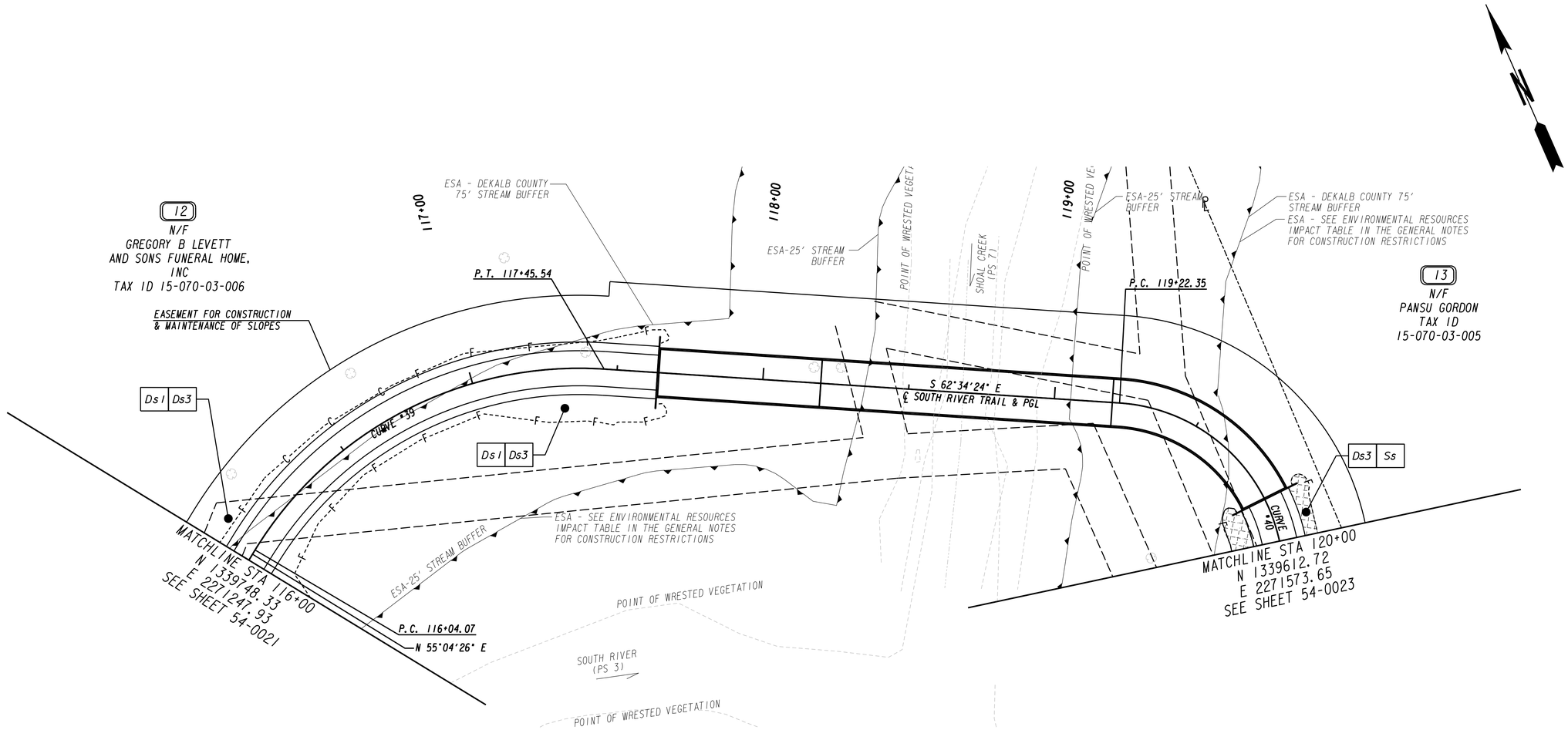
DRAWING No. 54-0069



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

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Heath & Lineback Engineers
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(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS
STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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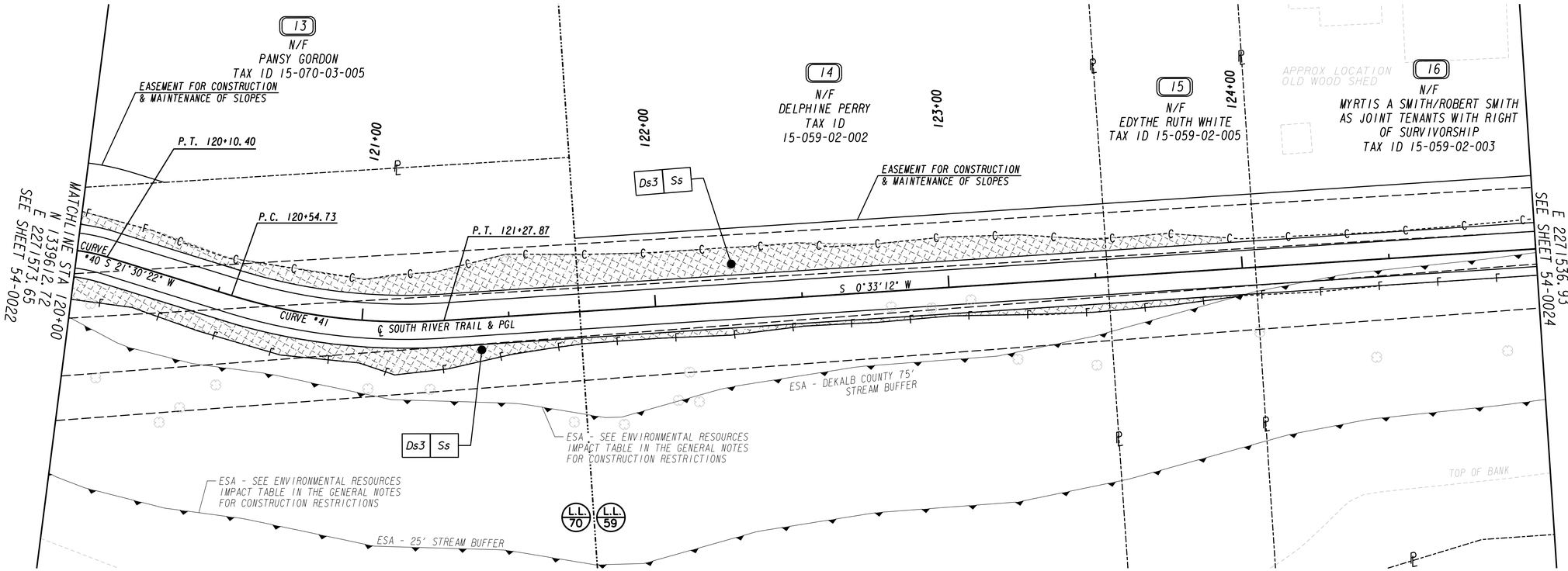
VERIFIED:	MWH	DATE:	05-07-2018

DRAWING No. 54-0070



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
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EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
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Heath & Lineback Engineers
INCORPORATED
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(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

BMP LOCATION DETAILS

STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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CORRECTED:	AE & PAL	DATE:	05-07-2018	
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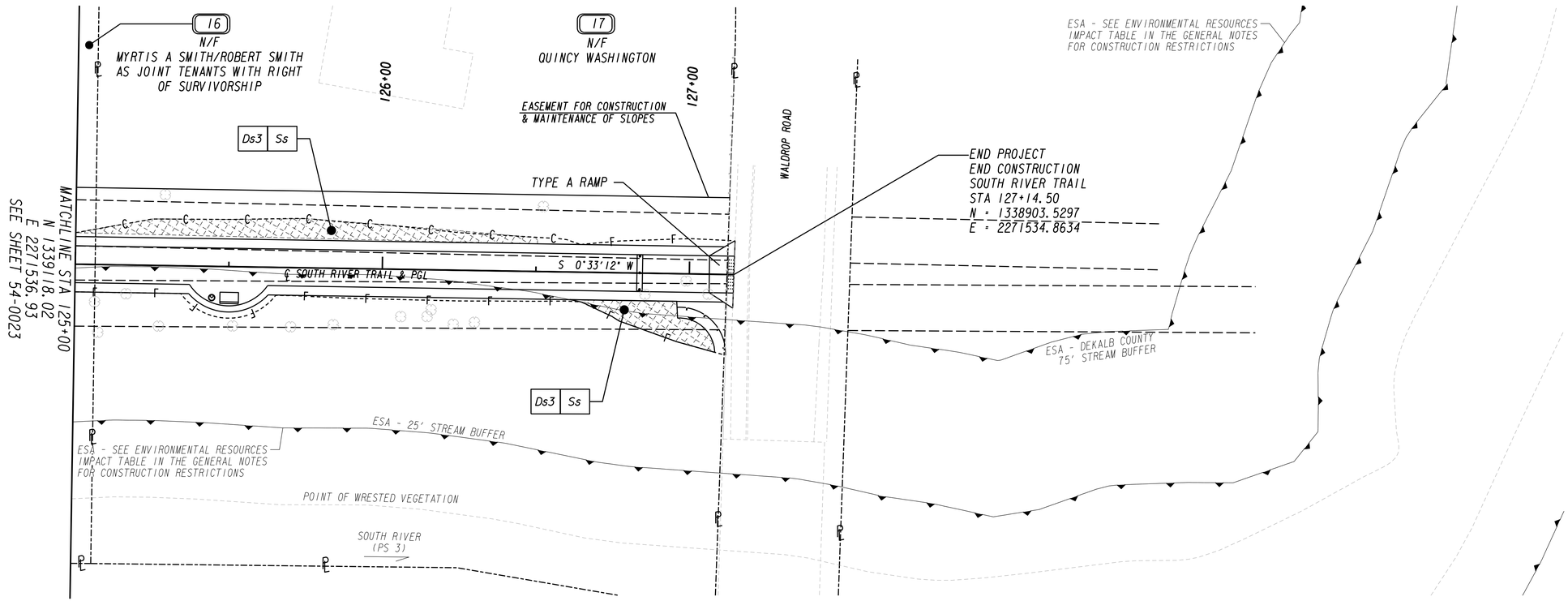
7/31/2015 GPLN



PROPERTY AND EXISTING R/W LINE
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Heath & Lineback Engineers
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SCALE IN FEET
0 20 40 80

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PHASE
SOUTH RIVER TRAIL, PHASE 5

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CORRECTED:	AE & PAL	DATE:	05-07-2018
VERIFIED:	WMH	DATE:	05-07-2018

DRAWING No. 54-0072

7/31/2015 GPLN

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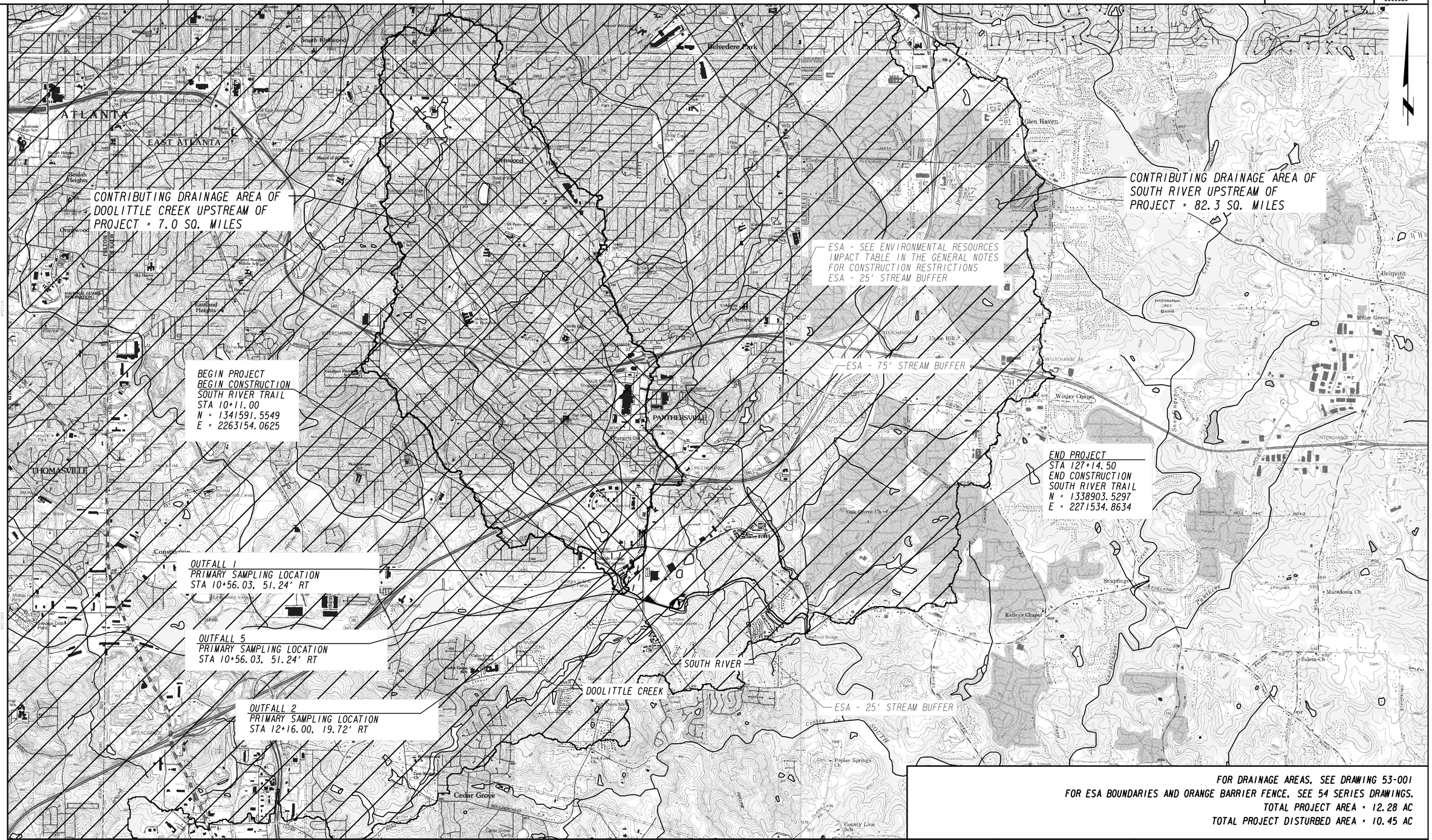
USER:aevans

P. I. No. 0009029



FOR DRAINAGE AREAS, SEE DRAWING 53-001

FOR ESA BOUNDARIES AND ORANGE BARRIER FENCE, SEE 54 SERIES DRAWINGS.

TOTAL PROJECT AREA = 12.28 AC

TOTAL PROJECT DISTURBED AREA = 10.45 AC

Heath & Lineback Engineers
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SCALE IN FEET

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REVISION DATES

WATERSHED MAP SITE MONITORING PLAN

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		55-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

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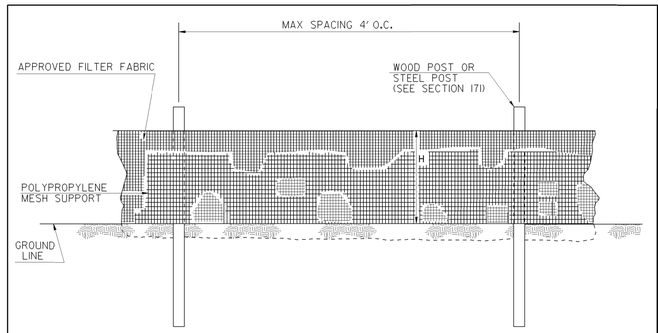
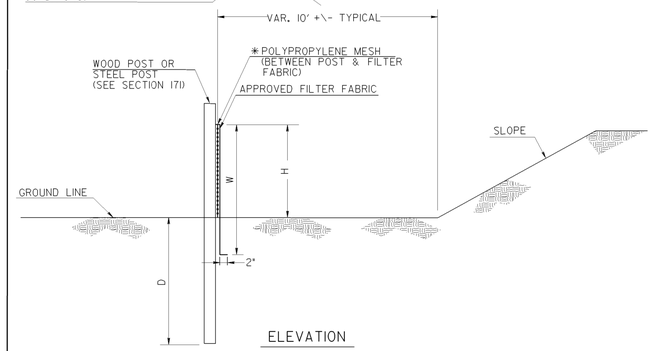
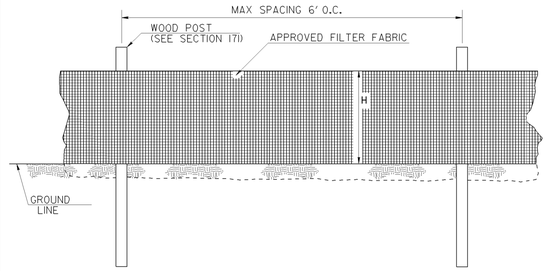


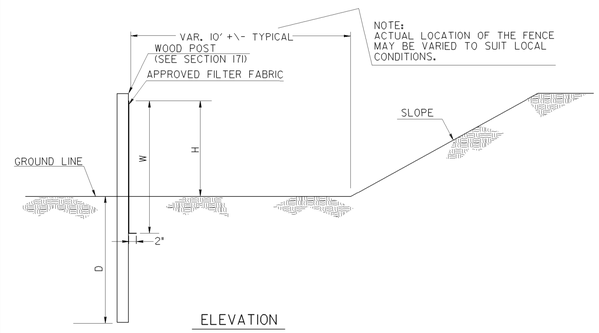
NOTE:
ACTUAL LOCATION OF THE FENCE MAY BE VARIED TO SUIT LOCAL CONDITIONS.



ELEVATION

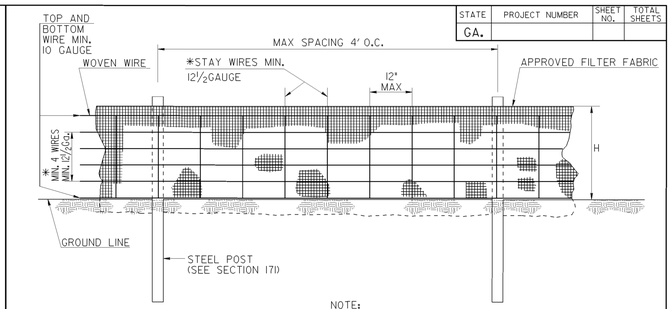
SINGLE ROW TYPE C SILT FENCE WITH POLYPROPYLENE MESH SUPPORT



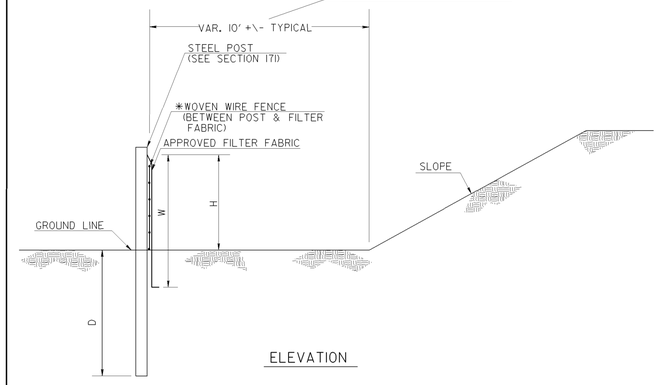


ELEVATION

SINGLE ROW TYPE A SILT FENCE



NOTE:
ACTUAL LOCATION OF THE FENCE MAY BE VARIED TO SUIT LOCAL CONDITIONS.



ELEVATION

SINGLE ROW TYPE C SILT FENCE WITH WOVEN WIRE SUPPORT

FENCE TYPE	POST LENGTH	H	D	W	TYPICAL USES
TYPE "A"	4 FT.	2'-4"	1'-6"	3'-0"	
TYPE "C"	4 FT.	2'-4"	1'-6"	3'-0"	AT BRIDGE END ROLLS, DOUBLE ROW ALONG STREAMS, WETLANDS AND ENVIRONMENTALLY SENSITIVE AREAS FOR USE OF THIS MATERIAL IN FABRIC CHECKDAMS SEE D-24D.

NOTES:

1. WIRE STAPLES SHALL BE AT LEAST 17 GAUGE, WITH LEGS AT LEAST 1/2 INCHES LONG AND A CROWN AT LEAST 3/4 INCHES WIDE. NAILS SHALL BE AT LEAST 14 GAUGE, 1 INCH LONG , WITH BUTTON HEADS AT LEAST 3/4 INCHES WIDE.
2. NAILS OR STAPLES SHALL BE EVENLY PLACED WITH AT LEAST 5 PER POST FOR TYPE A FENCE AND 4 PER POST FOR TYPE C FENCE.
3. THE VERTICAL WIRES FOR THE WOVEN WIRE SUPPORT FENCE SHALL HAVE A MAXIMUM SPACING OF 12 INCHES. THE TOP AND BOTTOM WIRES SHALL BE AT LEAST 10 GAUGE AND ALL OTHER WIRES SHALL BE AT LEAST 12 1/2 GAUGE.
4. TEMPORARY SILT FENCE INSTALLATION IS DIFFERENT THAN THE SILT RETENTION BARRIER INSTALLATION.
5. SEE SECTION 171 FOR SILT FENCE SPECIFICATIONS.
6. SEE SECTION 894 FOR FENCING SPECIFICATIONS.
7. SEE OPL-36 FOR A LIST APPROVED SILT FENCE FABRIC.
8. TEMPORARY SILT FENCE SHALL NOT BE PLACED WITHIN STATE WATERS UNLESS PERMITTED.

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS

TEMPORARY SILT FENCE

NO SCALE REV. AND REDRAWN JAN. 2011

DATE | REVISION | BY

NUMBER D-24A (SHEET 1 OF 4)

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Heath & Lineback Engineers
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MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

EROSION CONTROL CONTRUCTION DETAILS

SOUTH RIVER TRAIL, PHASE 5

CHECKED:		DATE:	
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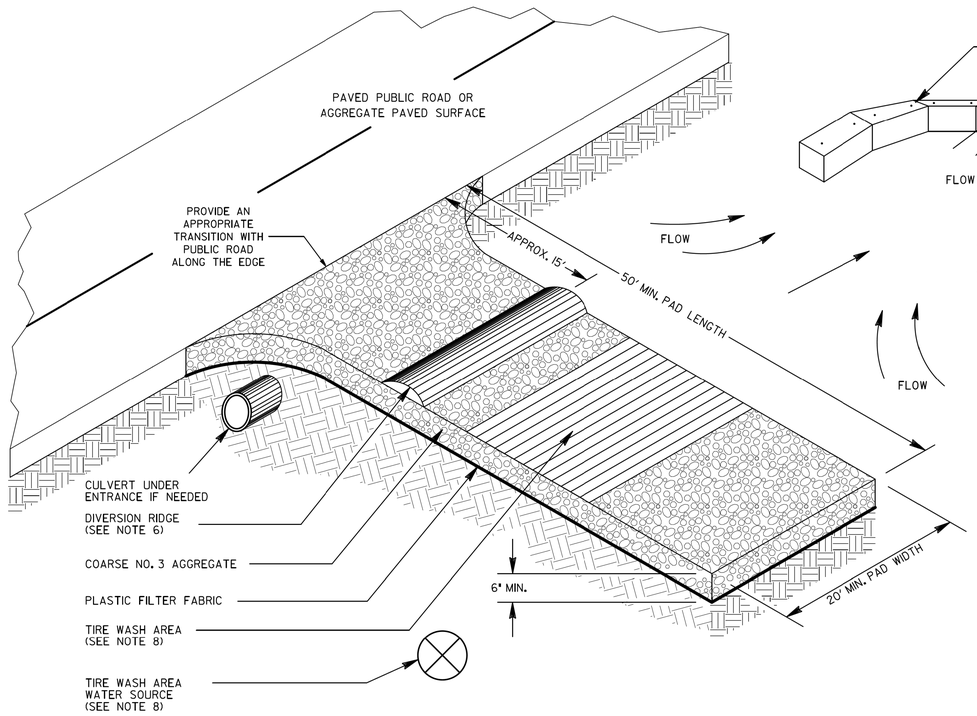
VERIFIED:		DATE:	

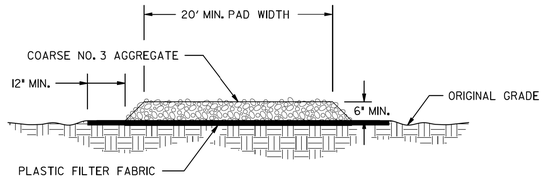
DRAWING No. 56-0001

7/31/2015 GPLN

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



ENTRANCE ELEVATION



GENERAL NOTES:

1. AVOID LOCATING CONSTRUCTION EXITS ON STEEP SLOPES OR AT SHARP CURVES ON PUBLIC ROADS. CONSTRUCTION EXITS ARE NOT REQUIRED FOR DIRT PUBLIC ROADS.
2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA AND GRADE FOR POSITIVE DRAINAGE.
3. AGGREGATE SIZE SHALL BE COARSE NO. 3 AGGREGATE WITH 0.0% PASSING THE 1.06 INCH U.S. STANDARD SIEVE.
4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6 INCHES AND PLACED ON APPROVED PLASTIC FILTER FABRIC.
5. GRAVEL PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20'.
6. PROVIDE A TRAVERSABLE DIVERSION RIDGE CONSTRUCTED OF AGGREGATE 6 INCHES TO 8 INCHES HIGH WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
7. INSTALL CULVERT UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
8. IF THE ACTION OF THE VEHICLE TRAVELING OVER THE GRAVEL PAD DOES NOT SUFFICIENTLY REMOVE THE MUD PRIOR TO ENTERING PUBLIC ROADS, THE CONTRACTOR SHALL ADD A CONSTRUCTION EXIT TIRE WASH ASSEMBLY TO AN EXISTING CONSTRUCTION EXIT WHEN DIRECTED BY THE ENGINEER. THE CONSTRUCTION EXIT TIRE WASH ASSEMBLY INCLUDES: TIRE WASH AREA, WATER SOURCE, AND SEDIMENT TRAP OR OTHER ACCEPTABLE SEDIMENT STORAGE DEVICE.

   THE WASHING SHALL BE DONE ON AN AREA STABILIZED WITH AGGREGATE THAT DRAINS INTO A SEDIMENT TRAP OR OTHER ACCEPTABLE SEDIMENT STORAGE DEVICE. DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE CONSTRUCTION EXIT TO THE SEDIMENT CONTROL DEVICE. ACCEPTABLE SEDIMENT STORAGE DEVICE EXAMPLES INCLUDE TEMPORARY SEDIMENT TRAPS, HAY BALES OR STONE FILTER RING WITH THE SEDIMENT STORAGE SIZED FOR 67 CUBIC YARDS PER ACRE OF DRAINAGE. TIRE WASHING SHALL BE DONE MANUALLY OR BY EQUIPMENT SUITABLE FOR TRUCK TRAFFIC THAT REMOVES MUD AND DIRT.
9. AGGREGATE SHALL BE KEPT LOOSE OR SCARIFIED WHEN AGGREGATE BECOMES CONSOLIDATED.
10. CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR, AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. MAINTENANCE OF CONSTRUCTION EXIT WILL BE PAID ON THE BASIS OF HAVING OR NOT HAVING A CONSTRUCTION EXIT TIRE WASH ASSEMBLY WHEN DIRECTED BY THE ENGINEER. ALL MUD AND DEBRIS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES OR SITE ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

    SEE STANDARD SPECIFICATION 163, AND SUPPLEMENTS THERETO FOR THE CONSTRUCTION AND REMOVAL OF CONSTRUCTION EXITS. SEE STANDARD SPECIFICATION 165, AND SUPPLEMENTS THERETO FOR THE MAINTENANCE OF CONSTRUCTION EXITS.

PAY ITEM:

163-0300	CONSTRUCTION EXIT	(EA)
163-0310	CONSTRUCTION EXIT TIRE WASH ASSEMBLY	(EA)
165-0101	MAINTENANCE OF CONSTRUCTION EXIT	(EA)
165-0310	MAINTENANCE OF CONSTRUCTION EXIT TIRE WASH ASSEMBLY	(EA)

BY	REVISION	DATE
DLE	REV. TIRE WASH & NOTES	04-18-18
DLE	REV. GSMCC 2016 MANUAL	04-22-16
TPC	REV. CONSTR. EXIT LABELS	01-19-11

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS

CONSTRUCTION EXIT

NO SCALE FEBRUARY 2001

DESIGNED ____
DRAWN DLE
TRACED ____
CHECKED ____

NUMBER D-41

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

DEKALB COUNTY & PATH FOUNDATION

EROSION CONTROL CONTRUCTION DETAILS

SOUTH RIVER TRAIL, PHASE 5

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		56-0002
CORRECTED:		DATE:		
VERIFIED:		DATE:		

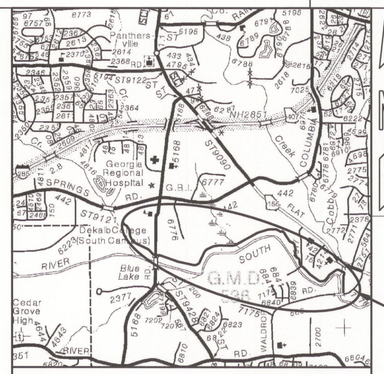
7/31/2015 GPLN

DATE$$$ $USER$	$PRF8$ $$PENTABLE$$	DGN GRWCOV	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
			GA	CSTEE-0009-00-(029)	01	33

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

RIGHT OF WAY OF PROPOSED
SOUTH RIVER TRAIL, PHASE 5
DEKALB COUNTY
CSTEE-0009-00-(029)

FEDERAL ROUTE No.: NA
STATE ROUTE No.: NA
P.I. No.: 0009029

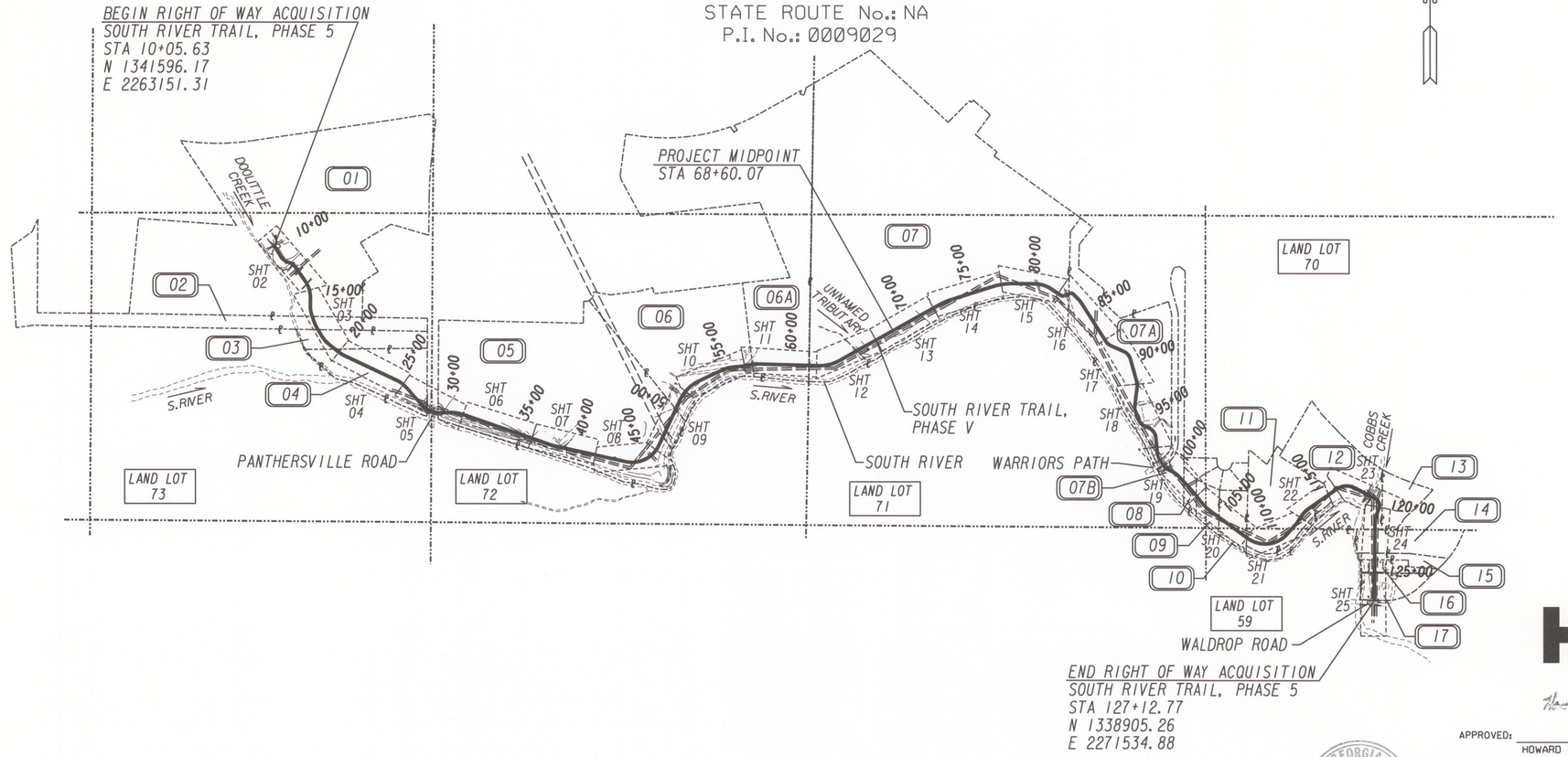


LOCATION SKETCH

THIS PROJECT HAS BEEN PREPARED USING THE HORIZONTAL GEORGIA COORDINATE SYSTEM OF 1984 (NAD 1983)/94 WEST ZONE, AND THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988.

CONVENTIONAL SIGNS

STATE OR COUNTY LINE	
CITY LIMIT LINE	
LAND LOT LINE	
PROPERTY LINE	
SURVEY OR BASE LINE	
RIGHT OF WAY LINE — EXISTING	
RIGHT OF WAY LINE — REQUIRED	
RIGHT OF WAY LINE — LIMIT OF ACCESS	
RIGHT OF WAY LINE — REQD R/W & LIMIT OF ACCESS	
RIGHT OF WAY LINE — R/W MARKERS	
FENCE	
RAILROAD	
POWER LINE	
TELEPHONE LINE	
POWER POLES	
TELEPHONE OR TELEGRAPH POLES	



PROJECT NUMBER: CSTEE-0009-00-(029)
COUNTY: DEKALB

SCALE IN FEET
0 500 1000 2000

THIS PROJECT IS LOCATED 100% IN DEKALB COUNTY AND IS 93% IN CONGRESSIONAL DISTRICT 5 AND 7% IN CONGRESSIONAL DISTRICT 4.

M-91

PLANS PREPARED BY

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

Howard P. Copeland 8-29-2013

APPROVED:

HOWARD P. COPELAND, STATE RIGHT OF WAY ADMINISTRATOR DATE

LOCATION AND DESIGN APPROVAL DATE: 11-24-2009

PLANS COMPLETED DATE: 04-15-2013

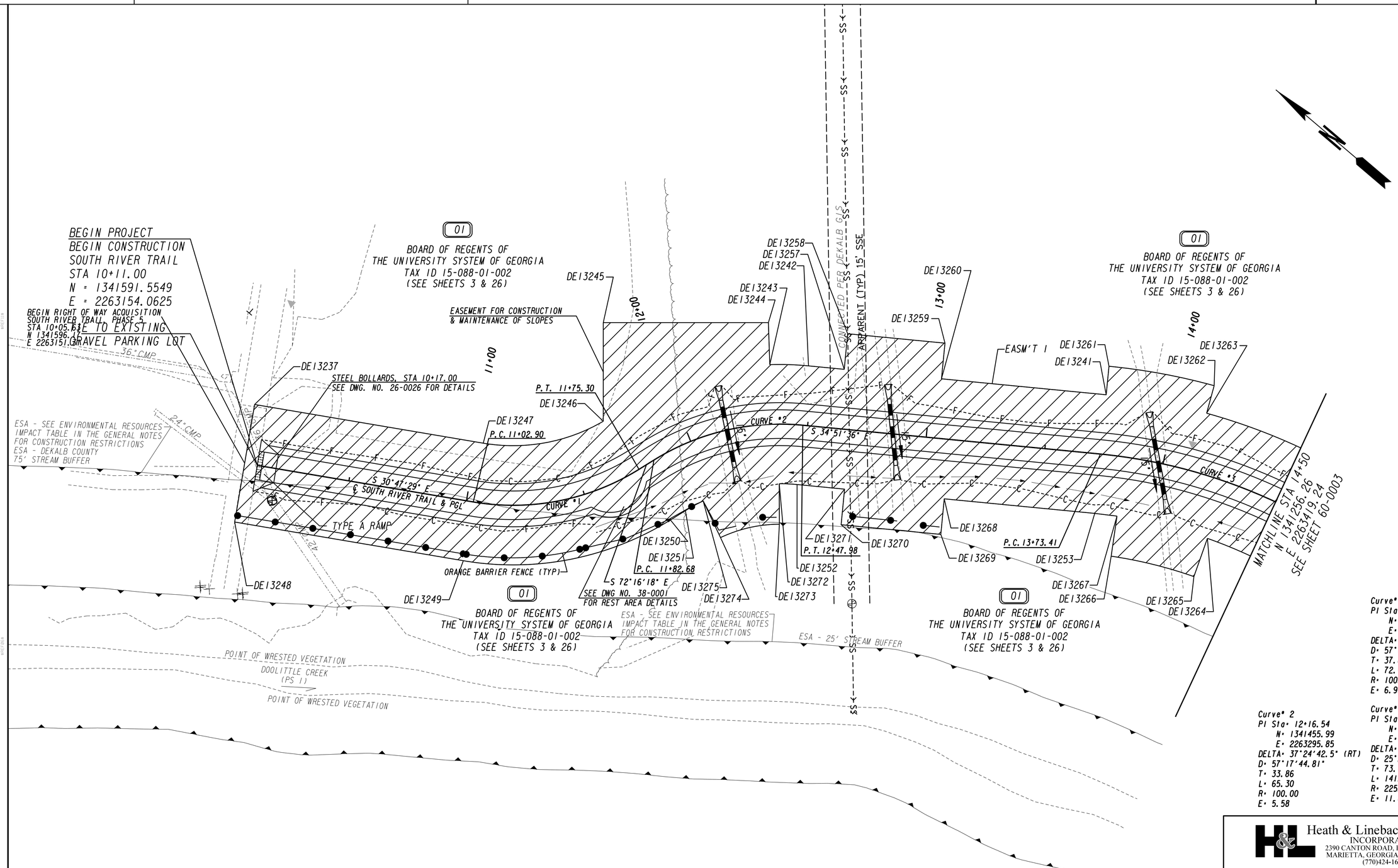
REVISIONS:

3-27-14 SHEETS 1-25, 28-31	
4-11-14 SHEETS 1-25, 30, 31, 33	
10-31-14 SHEETS 1, 5-25	
11-27-16 SHEETS 1, 5-11, 16-19, 25, 29	
3-14-17 SHEETS 1, 11, 23, 25, 33	
6-7-17 SHEETS 1-33	
11-16-18 SHEETS 1, 8-33	

GEORGIA REGISTERED No. 16762 PROFESSIONAL ENGINEER MARK WILLIAM HOLLEY

11/16/18

5/20/2011



Curve° 1
PI Sta° 11+40.77
N° 1341480.08
E° 2263220.49
DELTA° 41°28'49.5" (LT)
D° 57°17'44.81"
T° 37.87
L° 72.40
R° 100.00
E° 6.93

Curve° 2
PI Sta° 12+16.54
N° 1341455.99
E° 2263295.85
DELTA° 37°24'42.5" (RT)
D° 57°17'44.81"
T° 33.86
L° 65.30
R° 100.00
E° 5.58

Curve° 3
PI Sta° 14+46.58
N° 1341265.24
E° 2263428.72
DELTA° 36°01'45.8" (RT)
D° 25°27'53.25"
T° 73.17
L° 141.49
R° 225.00
E° 11.60

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

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID		
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

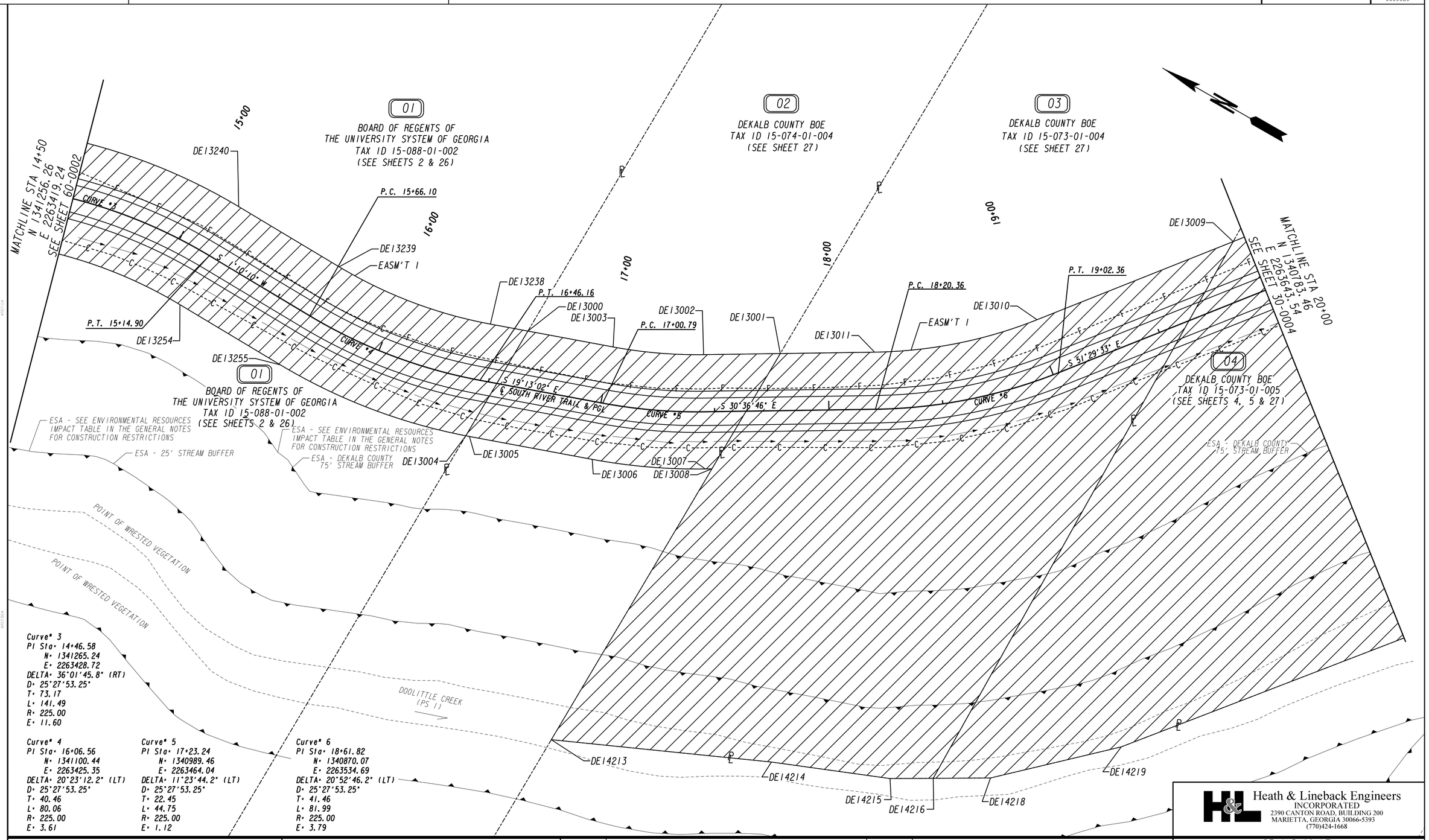
DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 73
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 2 OF 33

DRAWING No.
60-0002

7/31/2015 GRWPLN



Curve# 3
PI Sta: 14+46.58
N: 1341265.24
E: 2263428.72
DELTA: 36°01'45.8" (RT)
D: 25°27'53.25"
T: 73.17
L: 141.49
R: 225.00
E: 11.60

Curve# 4
PI Sta: 16+06.56
N: 1341100.44
E: 2263425.35
DELTA: 20°23'12.2" (LT)
D: 25°27'53.25"
T: 40.46
L: 80.06
R: 225.00
E: 3.61

Curve# 5
PI Sta: 17+23.24
N: 1340989.46
E: 2263464.04
DELTA: 11°23'44.2" (LT)
D: 25°27'53.25"
T: 22.45
L: 44.75
R: 225.00
E: 1.12

Curve# 6
PI Sta: 18+61.82
N: 1340870.07
E: 2263534.69
DELTA: 20°52'46.2" (LT)
D: 25°27'53.25"
T: 41.46
L: 81.99
R: 225.00
E: 3.79

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

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID		
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 73
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 3 OF 33

DRAWING No.
60-0003

03
DEKALB COUNTY BOE
TAX ID 15-073-01-004
(SEE SHEETS 3 & 27)

04
DEKALB COUNTY BOE
TAX ID 15-073-01-005
(SEE SHEETS 3, 5 & 27)

21+00 22+00 23+00 24+00 25+00

DE13018
DE13019
DE13020
P.T. 20+53.28
EASM'T 1
MATCHLINE STA 20+00
N 1340783.46
E 2263643.54
SEE SHEET 60-0003
CURVE #7
S 64°46'29" E
℄ SOUTH RIVER TRAIL & PGL
CURVE #8
P.C. 24+86.61
MATCHLINE STA 25+50
N 1340537.76
E 2264134.70
SEE SHEET 60-0005
S 51°29'33" E
6 SY RIP RAP TYP 3
6 SY RIP RAP TYP 3
ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS.
ESA - DEKALB COUNTY 75' STREAM BUFFER
SS
POINT OF WRESTED VEGETATION
DOOLITTLE CREEK (PS 1)
SOUTH RIVER (PS 3)
DE14221
DE14222
DE14223
DE14225
POINT OF WRESTED VEGETATION
POINT OF WRESTED VEGETATION
POINT OF WRESTED VEGETATION
POINT OF WRESTED VEGETATION
SOUTH RIVER (PS 3)

Curve* 7
PI Sta* 20+27.32
N* 1340766.45
E* 2263664.91
DELTA* 13°16'56.7" (LT)
D* 25°27'53.25"
T* 26.20
L* 52.16
R* 225.00
E* 1.52

Curve* 8
PI Sta* 25+43.98
N* 1340546.16
E* 2264132.52
DELTA* 21°39'00.8" (RT)
D* 19°05'54.94"
T* 57.36
L* 113.36
R* 300.00
E* 5.44

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

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID		
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 73
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 4 OF 33

DRAWING No.
60-0004

04
DEKALB COUNTY BOE
TAX ID 15-073-01-005
(SEE SHEETS 3, 4 & 27)

05
N/F
PERIMETER EAST
PROPERTY OWNER, LLC
TAX ID 15-072-01-006
(SEE SHEETS 6, 7, 8, 9 & 28)

L.L. 73 | L.L. 72

PANTHERSVILLE ROAD
EXISTING R/W
EXISTING R/W
26+00
27+00
28+00
29+00
30+00

MATCHLINE STA 25+50
N 1340537.76
E 2264134.70
SEE SHEET 60-0004

MATCHLINE STA 31+00
N 1340308.58
E 2264599.02
SEE SHEET 60-0006

DE13017
P.T. 25+99.97
CURVE #8
S 43°07'29" E
EASM'T 1
BEGIN GRAVITY WALL
BEGIN PAVED SHOULDER
GA STD 9031L
STA 27+53.00
6 SY
RIP RAP
TYP 3
DE13016
DE13015
APPARENT (TYP) 15' SSE
ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
ESA - 25' STREAM BUFFER
POINT OF WRESTED VEGETATION
CURVE #9
S 71°36'26" E
P.T. 28+37.04
DE14226
DE14227
SOUTH RIVER (PS 3)
DE14228
DE14217
POINT OF WRESTED VEGETATION

ZAYO FOC
ORANGE BARRIER FENCE (TYP)
END GRAVITY WALL
END PAVED SHOULDER
GA STD 9031L
STA 28+95.00
DE13038
DE13027
DE13039
EASM'T 1
CURVE #11
P.C. 29+94.32
TOP OF BANK - POINT OF WRESTED VEGETATION
N 88°26'11" E
SOUTH RIVER TRAIL & POL
P.T. 29+11.40
DE14001
SOUTH RIVER (PS 3)
POINT OF WRESTED VEGETATION

BEGIN BOARDWALK 1
STA 30+85.00
DE13036
DE13037
ESA - DEKALB COUNTY 75' STREAM BUFFER
ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
ESA - WETLAND 2

Curve° 8
PI Sta· 25+43.98
N· 1340546.16
E· 2264132.52
DELTA· 21°39'00.8" (RT)
D· 19°05'54.94"
T· 57.36
L· 113.36
R· 300.00
E· 5.44

Curve° 9
PI Sta· 28+15.14
N· 1340347.25
E· 2264318.82
DELTA· 28°28'57.8" (LT)
D· 63°39'43.12"
T· 22.84
L· 44.74
R· 90.00
E· 2.85

Curve° 10
PI Sta· 28+95.88
N· 1340321.48
E· 2264396.33
DELTA· 19°57'22.4" (LT)
D· 63°39'43.12"
T· 15.83
L· 31.35
R· 90.00
E· 1.38

Curve° 11
PI Sta· 30+49.06
N· 1340325.66
E· 2264549.77
DELTA· 20°40'52.1" (RT)
D· 19°05'54.94"
T· 54.74
L· 108.29
R· 300.00
E· 4.95

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

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

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID	11-27-16	REVISED PROPERTY OWNER FOR PARCEL 5 & ADD
	PAR 5 MOVED TABS TO NEW SHEET		BEGIN BOARDWALK STATION
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER	6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.
10-31-14	REVISED PROPERTY OWNER DESCRIPTION FOR		
	PARCEL 5		

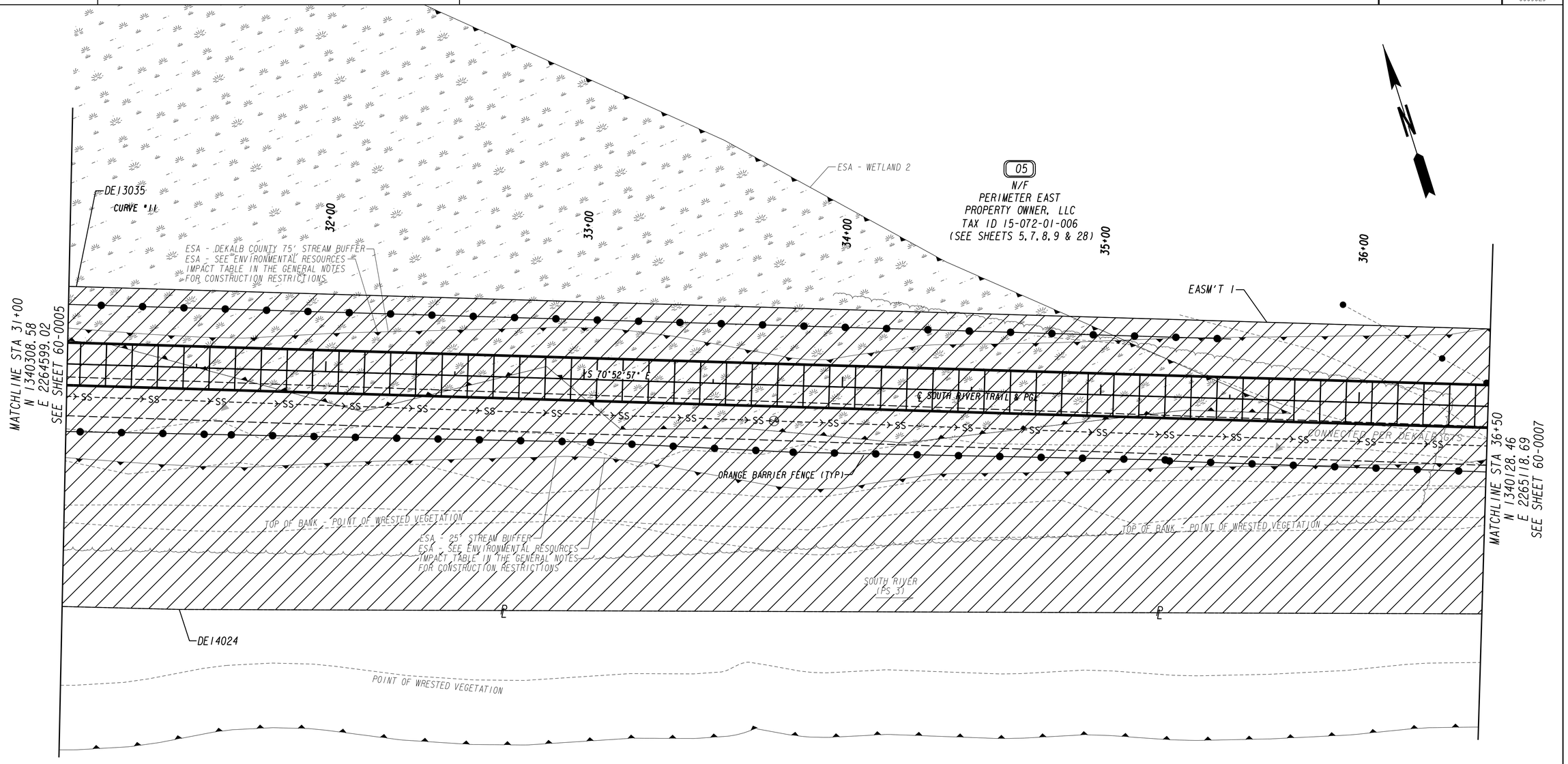
DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 72 & 73
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 5 OF 33

DRAWING No. 60-0005

7/31/2015 GRWPLN



Curve* 11
PI Sta: 30+49.06
N: 1340325.66
E: 2264549.77
DELTA: 20°40'52.1" (RT)
D: 19°05'54.94"
T: 54.74
L: 108.29
R: 300.00
E: 4.95

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

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

SCALE IN FEET
0 20 40 80

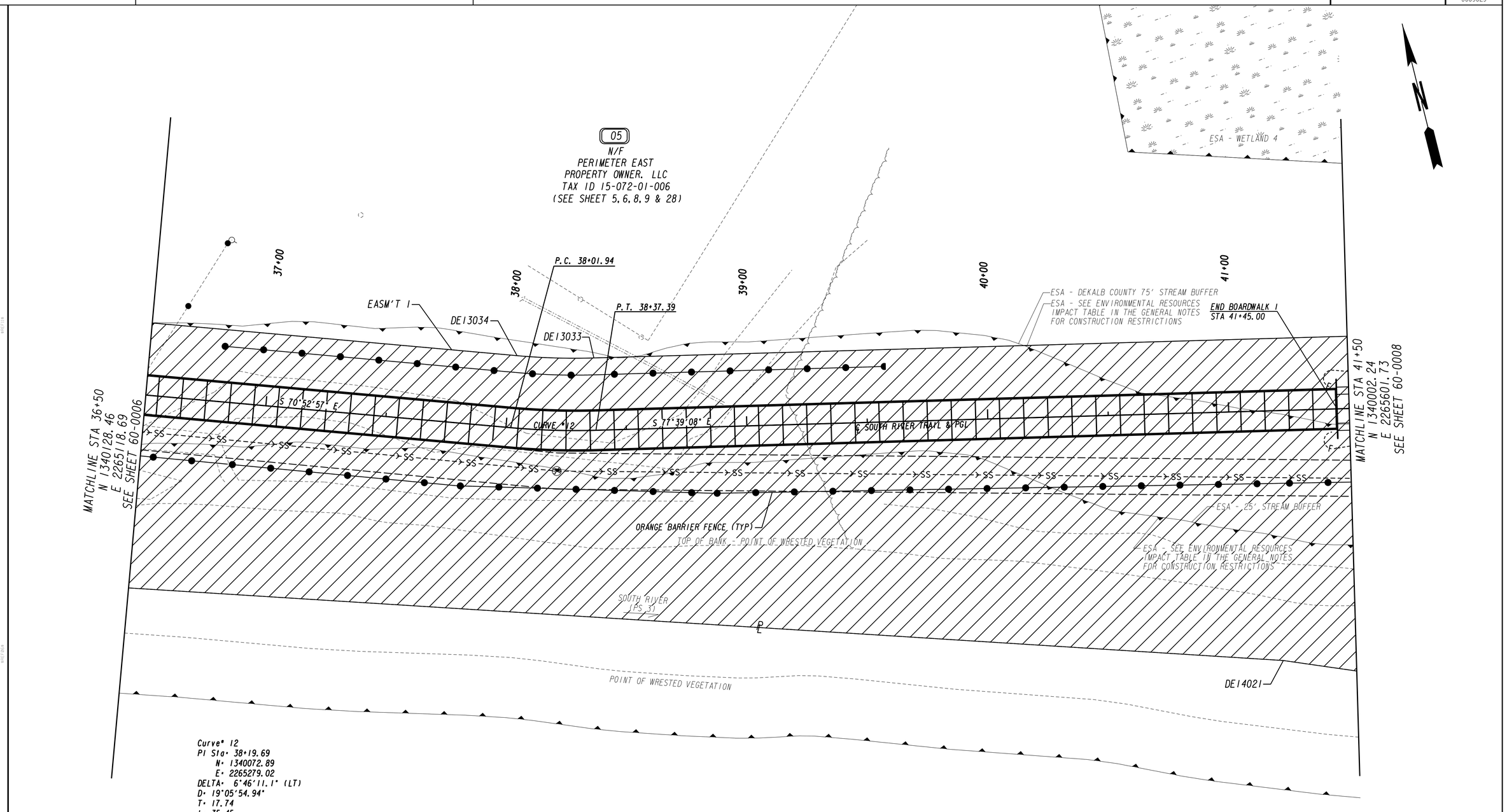
DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID		
	PAR 5 MOVED TABS TO NEW SHEET		
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
10-31-14	REVISED PROPERTY OWNER DESCRIPTION FOR PARCEL 5		
11-27-16	REVISED PROPERTY OWNER FOR PARCEL 5		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 72
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 6 OF 33

DRAWING No.
60-0006



Curve* 12
PI Sta* 38+19.69
N* 1340072.89
E* 2265279.02
DELTA* 6°46'11.1" (LT)
D* 19°05'54.94"
T* 17.74
L* 35.45
R* 300.00
E* 0.52

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

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID		
	PAR 5 MOVED TABS TO NEW SHEET		
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
10-31-14	REVISED PROPERTY OWNER DESCRIPTION FOR PARCEL 5		
11-27-16	ADD END BRIDGE STATION & REV. PARCEL 5 OWNER		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		

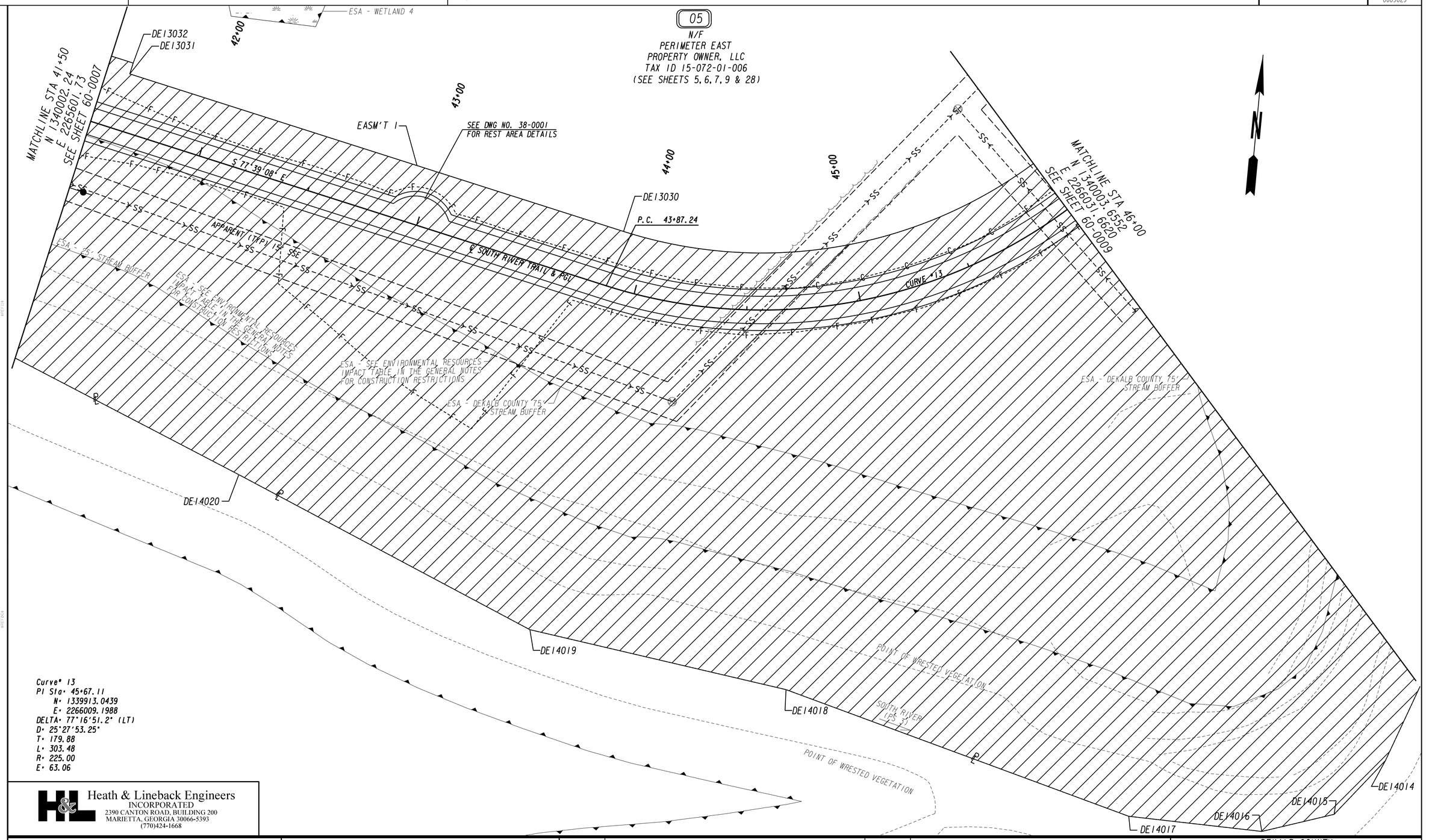
Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 72
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 7 OF 33

DRAWING No.
60-0007



Curve* 13
PI Sta* 45+67.11
N* 1339913.0439
E* 2266009.1988
DELTA* 77°16'51.2" (LT)
D* 25°27'53.25"
T* 179.88
L* 303.48
R* 225.00
E* 63.06

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

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

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID	11-16-18	REVISED CURVE NUMBERS
	PAR 5 MOVED TABS TO NEW SHEET		
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
10-31-14	REVISED PROPERTY OWNER DESCRIPTION FOR PARCEL 5		
11-27-16	REVISED PROPERTY OWNER FOR PAR 5		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		

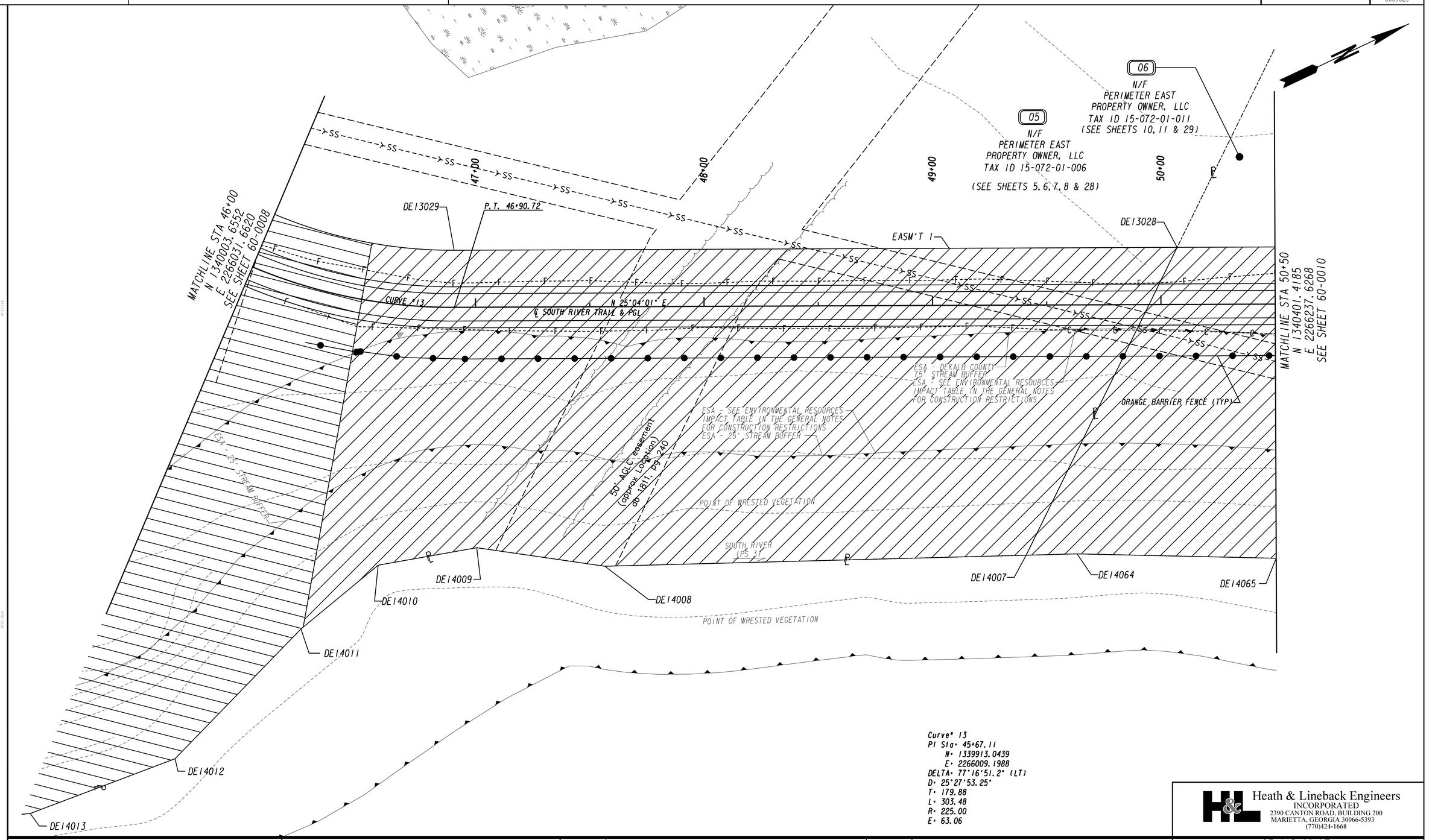
DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 72
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 8 OF 33

DRAWING No.
60-0008

7/31/2015 GRWPLN



Curve# 13
PI Sta: 45+67.11
N: 1339913.0439
E: 2266009.1988
DELTA: 77°16'51.2" (LT)
D: 25°27'53.25"
T: 179.88
L: 303.48
R: 225.00
E: 63.06

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

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID	6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.
	PAR 5 MOVED TABS TO NEW SHEET	11-16-18	REVISED CURVE NUMBERS
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
10-31-14	REVISED PROPERTY OWNER DESCRIPTION FOR PARCELS 5 AND 6		
11-27-16	REV PROPERTY OWNER FOR PARCELS 5 AND 6		
	REVISE TAX ID FOR PARCEL 6		

Heath & Lineback Engineers
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MARIETTA, GEORGIA 30066-5393
(770)424-1668

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 72
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 9 OF 33

DRAWING No. 60-0009

06
N/F
PERIMETER EAST
PROPERTY OWNER, LLC
TAX ID 15-072-01-011
(SEE SHEETS 9, 11 & 29)

52+00
53+00
54+00
55+00
56+00
51+00

ESA - WETLAND 4
ESA - DEKALB COUNTY 75' STREAM BUFFER
EASM'T 1
DE13068
DE13069
DE13067
DE13065
DE13066
DE13070
DE14069
DE14070
DE14071
DE14067
DE14068
DE14066
DE14073

CURVE #14
CURVE #15
CURVE #16
N 64°48'30" E
℄ SOUTH RIVER TRAIL & PGL
N 64°32'15" E
P.T. 52+81.34
ORANGE BARRIER FENCE (TYP)
ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
CONNECTED PER DEKALB
ESA - 25' STREAM BUFFER
POINT OF WRESTED VEGETATION
P.C. 54+81.56
SOUTH RIVER (PS 3)
P.T. 55+59.03
P.C. 56+25.57
P.T. 56+43.75
6' STONE RIP RAP TYP 3
P.C. 50+73.25
N 79°19'43" E

MATCHLINE STA 50+50
N 1340401.41
E 2266237.62
SEE SHEET 60-0009

MATCHLINE STA 56+50
N 1340682.49
E 2266737.43
SEE SHEET 60-0011

Curve# 14
PI Sta: 51+81.68
N: 1340520.6934
E: 2266293.4154
DELTA: 39°44'28.9" (RT)
D: 19°05'54.94"
T: 108.42
L: 208.09
R: 300.00
E: 18.99

Curve# 15
PI Sta: 55+20.68
N: 1340668.7206
E: 2266608.1076
DELTA: 19°43'45.4" (RT)
D: 25°27'53.25"
T: 39.13
L: 77.48
R: 225.00
E: 3.38

Curve# 16
PI Sta: 51+81.68
N: 1340520.69
E: 2266293.42
DELTA: 39°44'28.9" (RT)
D: 19°05'54.94"
T: 108.42
L: 208.09
R: 300.00
E: 18.99

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

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID		
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
10-31-14	REVISED PROPERTY OWNER DESCRIPTION FOR PARCEL 6		
11-27-16	REVISE PARCEL 6 OWNER AND TAX ID		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		
11-16-18	REVISED CURVE NUMBERS		

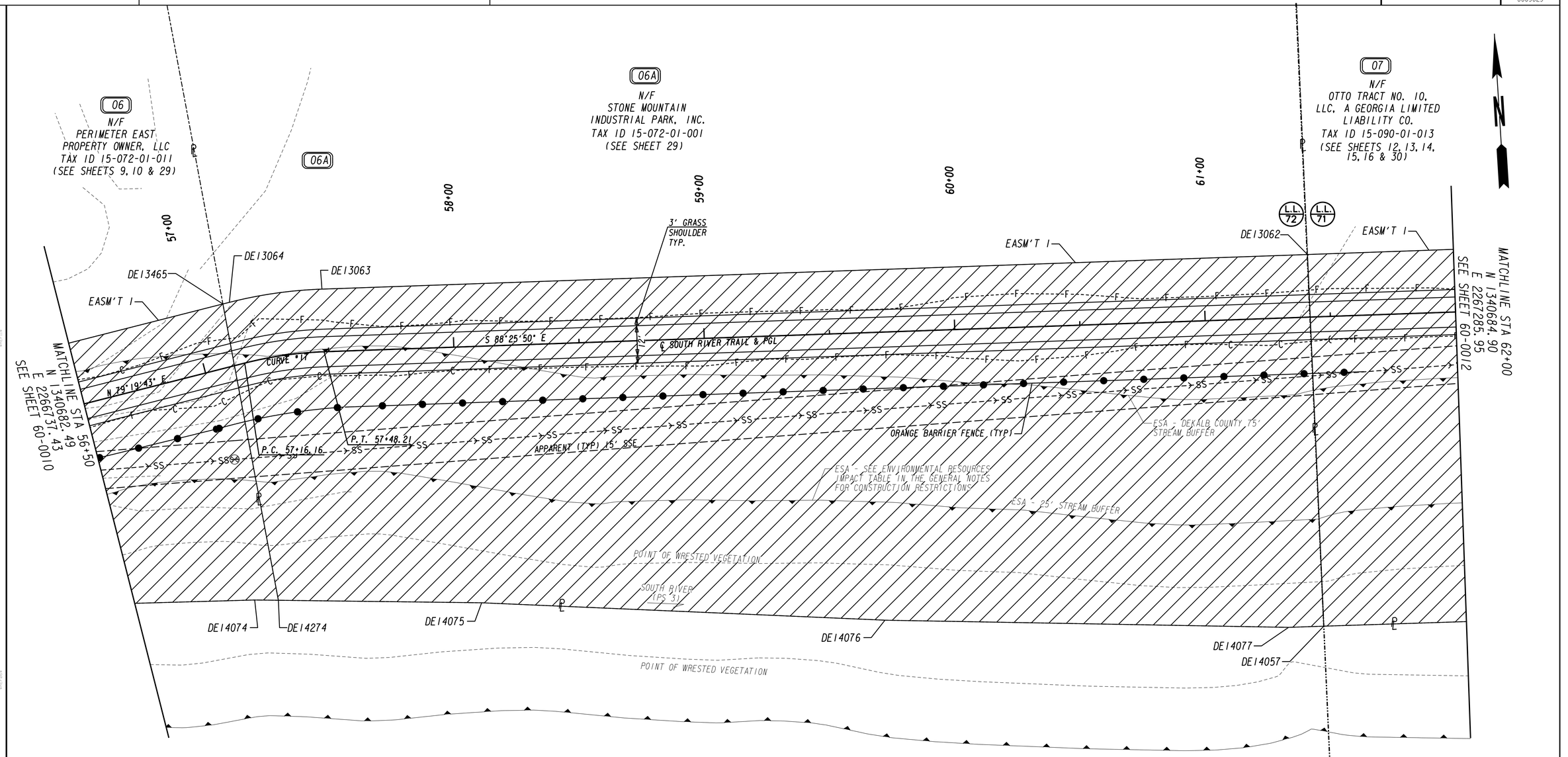
Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 72
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 10 OF 33

DRAWING No.
60-0010



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

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID	6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.
	PAR 7 MOVED TABS TO NEW SHEET	11-16-18	REVISED CURVE NUMBERS
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
10-31-14	REVISED PROPERTY OWNER DESCRIPTION FOR PARCELS 6 AND 7		
11-27-16	REVISE PARCEL 6 OWNER AND TAX ID		
3-14-17	REVISED PROPERTY OWNER DESCRIPTION FOR PARCELS 6A		

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 71 & 72
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 11 OF 33

DRAWING No.
60-0011

07
N/F
OTTO TRACT NO. 10, LLC,
A GEORGIA LIMITED LIABILITY CO.
TAX ID 15-090-01-013
(SEE SHEETS 11, 13, 14, 15, 16 & 30)

ESA - DEKALB COUNTY 75' STREAM BUFFER
ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

ESA - 25' STREAM BUFFER

ESA - 25' STREAM BUFFER

ESA - DEKALB COUNTY 75' STREAM BUFFER

07
N/F
OTTO TRACT NO. 10, LLC,
A GEORGIA LIMITED LIABILITY CO.
TAX ID 15-090-01-013
(SEE SHEETS 11, 13, 14, 15, 16 & 30)

END BRIDGE
STA 65+59.42

BEGIN BRIDGE
STA 65+09.42

63+00

64+00

65+00

66+00

TOP OF BANK

TOP OF BANK

END BOARDWALK
STA 65+88.00

BEGIN BOARDWALK
STA 64+80.00

DE13082

DE13081

DE13083

DE13084

DE13085

P.T. 63+78.46

EASM'T 1

MATCHLINE STA 62+00
N 1340684.90
E 2267285.95
SEE SHEET 60-0011

S 88°25'50" E

P.C. 62+17.24

DE13086

CURVE #18

℄ SOUTH RIVER TRAIL & PGL

N 60°46'44" E

MATCHLINE STA 67+00
N 1340879.46
E 2267738.48
SEE SHEET 60-0013

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

PERMANENT EASEMENT

ORANGE BARRIER FENCE (TYP)

POINT OF WRESTED VEGETATION

SOUTH RIVER (PS 3)

℄

DE14056

DE14055

DE14054

DE14053

DE14052

POINT OF WRESTED VEGETATION

Curve# 18
PI Sta: 62+99.85
N: 1340682.1670
E: 2267385.7637
DELTA: 30°47'25.5" (LT)
D: 19°05'54.94"
T: 82.61
L: 161.22
R: 300.00
E: 11.17

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

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID		
	PAR 7 MOVED TABS TO NEW SHEET		
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
10-31-14	REVISED PROPERTY OWNER DESCRIPTION FOR PARCEL 7		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		
11-16-18	REVISED CURVE NUMBERS		

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 71
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 12 OF 33

DRAWING No.
60-0012

07
N/F
OTTO TRACT NO. 10, LLC,
A GEORGIA LIMITED LIABILITY CO.
TAX ID 15-090-01-013
(SEE SHEETS 11, 12, 14, 15, 16 & 30)

68+00 69+00 70+00 71+00

MATCHLINE STA 67+00
N 1340879.46
E 2267738.48
SEE SHEET 60-0012

MATCHLINE STA 72+00
N 1341123.55
E 2268174.85
SEE SHEET 60-0014

EASM'T 1

3' GRASS SHOULDER TYP.

N 60°46'44" E
℄ SOUTH RIVER TRAIL & PGL

12'

SEE DWG NO. 38-0001 FOR REST AREA DETAILS

ESA - DEKALB COUNTY 75' STREAM BUFFER
CONNECTED PER DEKALB (ES - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

3' GRASS SHOULDER TYP.

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
ESA - 25' STREAM BUFFER

POINT OF WRESTED VEGETATION

SOUTH RIVER (PS 31)

℄ DE14051 ℄ DE14050 ℄ DE14049 ℄ DE14048 ℄ DE14047

POINT OF WRESTED VEGETATION

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

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
10-31-14	REVISED PROPERTY OWNER DESCRIPTION FOR PARCEL 7		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		
3-27-14	ADDED PARCEL TAX ID		
	PAR 7 MOVED TABS TO NEW SHEET		
11-16-18	REVISED CURVE NUMBERS		

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 71
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 13 OF 33

DRAWING No.
60-0013

07
N/F
OTTO TRACT NO. 10, LLC,
A GEORGIA LIMITED LIABILITY CO.
TAX ID 15-090-01-013
(SEE SHEETS 11, 12, 13, 15, 16 & 30)

73+00
74+00
75+00
76+00
77+00

DE13079
EASM'T 1
DE13078
DE13080
DE14044
DE14043
DE14045
DE14046

N 72°21'26" E
CURVE #19
N 60°46'44" E
℄ SOUTH RIVER TRAIL & PGL
CURVE #20
ESA - DEKALB COUNTY 75' STREAM BUFFER
ORANGE BARRIER FENCE (TYP)
P.C. 76+78.39
P.T. 73+50.11
P.C. 72+49.07
ESA - 25' STREAM BUFFER
ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
POINT OF WRESTED VEGETATION
SOUTH RIVER (PS 3)
POINT OF WRESTED VEGETATION

MATCHLINE STA 72+00
N 1341123.55
E 2268174.85
SEE SHEET 60-0013

MATCHLINE STA 77+50
N 1341303.87
E 2268692.63
SEE SHEET 60-0015

Curve* 19
PI Sta* 72+99.76
N* 1341172.2530
E* 2268261.9150
DELTA* 11°34'41.1" (RT)
D* 11°27'32.96"
T* 50.69
L* 101.04
R* 500.00
E* 2.56

Curve* 20
PI Sta* 77+59.71
N* 1341311.7597
E* 2268700.5557
DELTA* 18°28'31.1" (RT)
D* 11°27'32.96"
T* 81.32
L* 161.23
R* 500.00
E* 6.57

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

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

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID		
	PAR 7 MOVED TABS TO NEW SHEET		
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
10-31-14	REVISED PROPERTY OWNER DESCRIPTION FOR PARCEL 7		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		
11-16-18	REVISED CURVE NUMBERS		

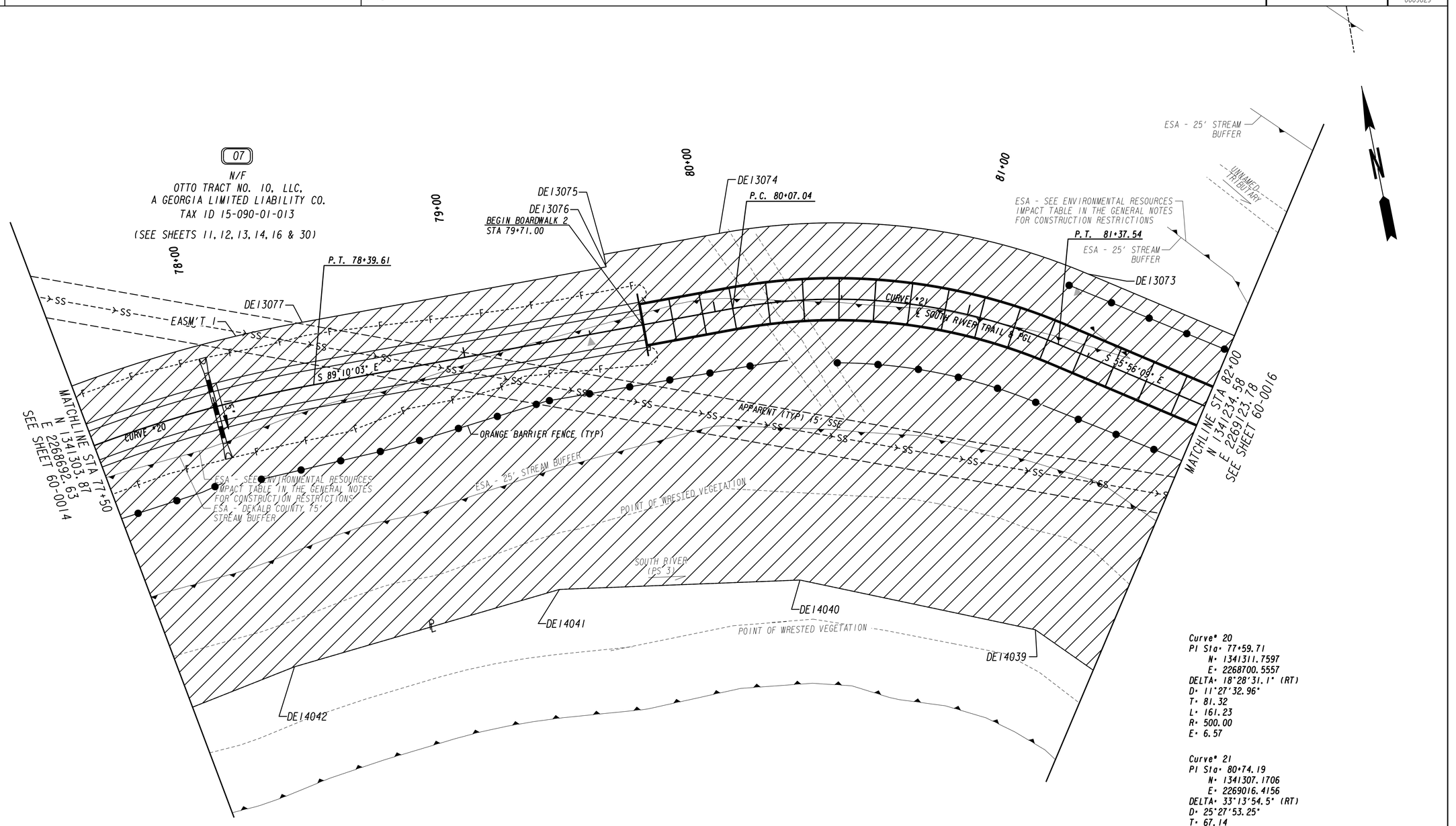
DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 71
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 14 OF 33

DRAWING No.
60-0014

7/31/2015 GRWPLN



Curve* 20
PI Sta* 77+59.71
N* 1341311.7597
E* 2268700.5557
DELTA* 18°28'31.1" (RT)
D* 11°27'32.96"
T* 81.32
L* 161.23
R* 500.00
E* 6.57

Curve* 21
PI Sta* 80+74.19
N* 1341307.1706
E* 2269016.4156
DELTA* 33°13'54.5" (RT)
D* 25°27'53.25"
T* 67.14
L* 130.50
R* 225.00
E* 9.80

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

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

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID		
	PAR 7 MOVED TABS TO NEW SHEET		
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
10-31-14	REVISED PROPERTY OWNER DESCRIPTION FOR PARCEL 7		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		
11-16-18	REVISED CURVE NUMBERS		

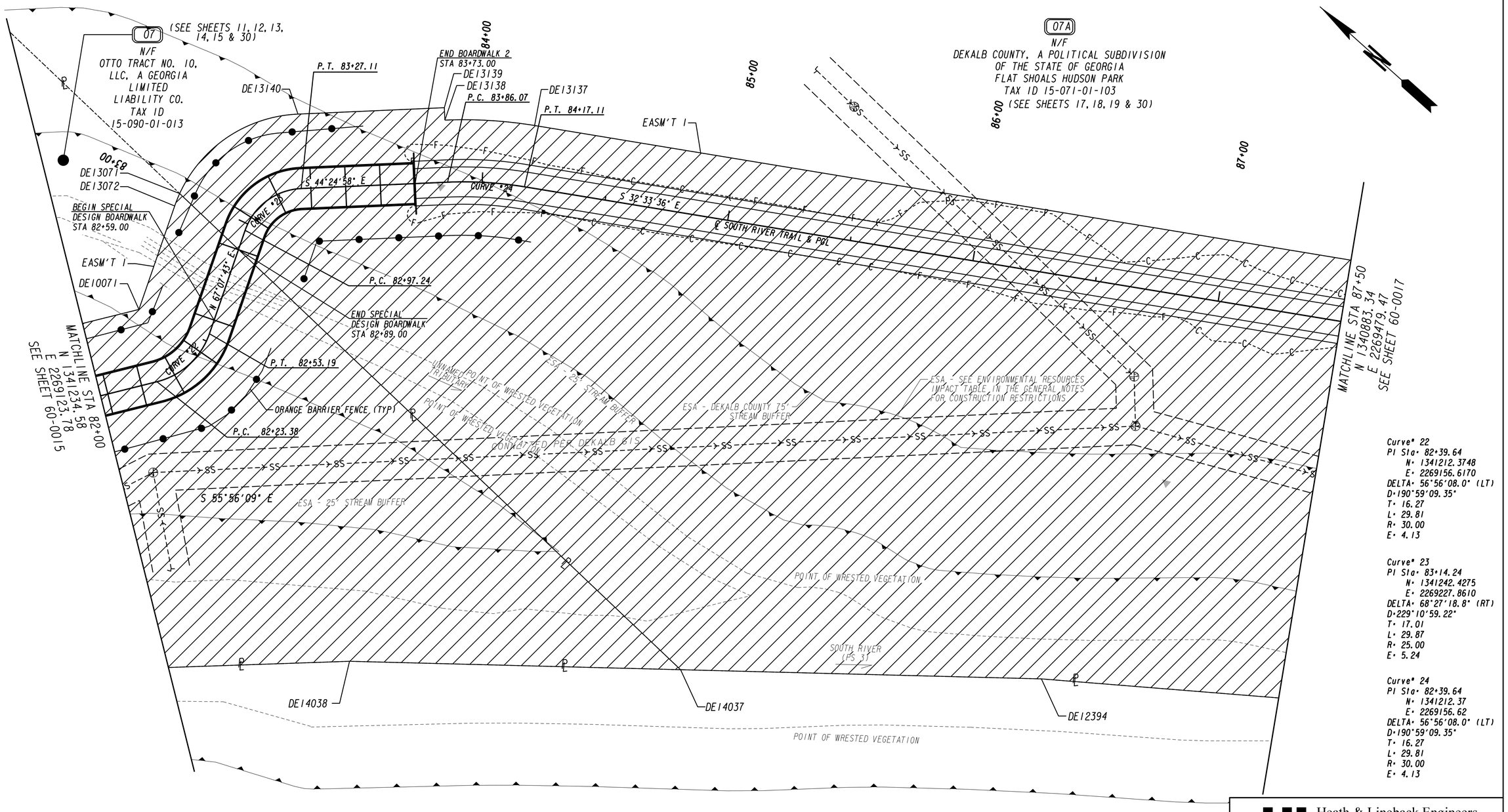
DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 71
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 15 OF 33

DRAWING No.
60-0015

7/31/2015 GRWPLN



Curve# 22
PI Sta: 82+39.64
N: 1341212.3748
E: 2269156.6170
DELTA: 56°56'08.0" (LT)
D: 190°59'09.35"
T: 16.27
L: 29.81
R: 30.00
E: 4.13

Curve# 23
PI Sta: 83+14.24
N: 1341242.4275
E: 2269227.8610
DELTA: 68°27'18.8" (RT)
D: 229°10'59.22"
T: 17.01
L: 29.87
R: 25.00
E: 5.24

Curve# 24
PI Sta: 82+39.64
N: 1341212.37
E: 2269156.62
DELTA: 56°56'08.0" (LT)
D: 190°59'09.35"
T: 16.27
L: 29.81
R: 30.00
E: 4.13

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

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

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID ADDED PARCEL 7A	6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.
	PAR 7 MOVED TABS TO NEW SHEET	11-16-18	REVISED CURVE NUMBERS
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
	REVISED EASMT PARCEL 7A		
10-31-14	REVISED PROPERTY OWNER DESCRIPTION FOR PARCELS 7 AND 7A		
11-27-16	REVISED PARCEL 7A DESCRIPTION		

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 71
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 16 OF 33

DRAWING No.
60-0016

7/31/2015 GRWPLN

07A
N/F
DEKALB COUNTY, A POLITICAL SUBDIVISION
OF THE STATE OF GEORGIA
FLAT SHOALS HUDSON PARK
TAX ID 15-071-01-103
(SEE SHEETS 16, 18, 19 & 30)

90+00
89+00
88+00
91+00

DE13134
DE13133
DE13135
DE13136
DE13132
EASM'T 1

P.T. 90+01.87
P.C. 89+22.49
P.T. 88+16.53
P.C. 87+64.03
P.C. 91+83.57

CURVE #26
S 15°27'07" E
CURVE #25
S 65°59'05" E
℄ SOUTH RIVER TRAIL & PGL
S 32°33'36" E
CURVE #27

3' GRASS SHOULDER TYP.
3' GRASS SHOULDER TYP.

MATCHLINE STA 87+50
N 1340883.34
E 2269479.47
SEE SHEET 60-0016

MATCHLINE STA 92+00
N 1340545.11
E 2269724.48
SEE SHEET 60-0018

POINT OF WRESTED VEGETATION
SOUTH RIVER (PS 3)
POINT OF WRESTED VEGETATION
DE12392
DE12391
DE12390
DE12393

Curve° 25
PI Sta° 87+91.05
N° 1340848.7428
E° 2269501.5632
DELTA° 33°25'28.6" (LT)
D° 63°39'43.12"
T° 27.02
L° 52.50
R° 90.00
E° 3.97

Curve° 26
PI Sta° 89+64.97
N° 1340777.3319
E° 2269661.8393
DELTA° 50°31'58.0" (RT)
D° 63°39'43.12"
T° 42.48
L° 79.38
R° 90.00
E° 9.52

Curve° 27
PI Sta° 87+91.05
N° 1340848.74
E° 2269501.56
DELTA° 33°25'28.6" (LT)
D° 63°39'43.12"
T° 27.02
L° 52.50
R° 90.00
E° 3.97

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

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

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID ADDED PARCEL 7A	11-16-18	REVISED CURVE NUMBERS
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
	REVISED EASMT PARCEL 7A		
10-31-14	REVISED PROPERTY OWNER DESCRIPTION FOR PARCEL 7A		
11-27-16	REVISE PARCEL 7A DESCRIPTION		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 71
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 17 OF 33

DRAWING No.
60-0017

Curve# 27
PI Sta. 92+01.58
N. 1340543.8976
E. 2269726.3652
DELTA. 22°38'02.1" (RT)
D. 63°39'43.12"
T. 18.01
L. 35.55
R. 90.00
E. 1.78

Curve# 28
PI Sta. 93+89.18
N. 1340357.3055
E. 2269702.8526
DELTA. 29°17'36.7" (LT)
D. 63°39'43.12"
T. 23.52
L. 46.01
R. 90.00
E. 3.02

Curve# 29
PI Sta. 92+01.58
N. 1340543.90
E. 2269726.37
DELTA. 22°38'02.1" (RT)
D. 63°39'43.12"
T. 18.01
L. 35.55
R. 90.00
E. 1.78

Curve# 30
PI Sta. 93+89.18
N. 1340357.31
E. 2269702.85
DELTA. 29°17'36.7" (LT)
D. 63°39'43.12"
T. 23.52
L. 46.01
R. 90.00
E. 3.02

07A
N/F
DEKALB COUNTY, A POLITICAL SUBDIVISION
OF THE STATE OF GEORGIA
FLATSHOALS HUDSON PARK
TAX ID 15-071-01-103
(SEE SHEETS 16, 17, 19 & 30)

MATCHLINE STA 92+00
N 1340545.11
E 2269724.48
SEE SHEET 60-0017

P.T. 92+19.12
DE13131
CURVE #27
℄ SOUTH RIVER TRAIL & PPL
S 7°10'55" W
93+00
94+00
95+00
96+00
97+00
P.C. 93+65.66
DE13130
DE13129
P.T. 94+11.67
P.C. 94+80.86
DE13128
DE13127
P.T. 95+52.95
CURVE #28
S 22°06'41" E
CURVE #29
S 5°23'49" E
P.C. 95+77.84
S 68°00'00" E
P.T. 96+76.17
DE13109
DE13110
DE13111
DE13112
DE13113
DE13114
DE13115
DE13116
DE13117
DE13118
DE13119
DE13120
DE13121
DE13122
DE13123
DE13124
DE13125
DE13126
DE13107
DE13108
ACCESS ROAD
WARRIORS PATH
EASM'T 1
EASM'T 2
SEE DWG NO. 38-0001
FOR REST AREA DETAILS
CONVEY IN FEE PER DEKALB GIS
APPARENT (TYP) 15' SSE
ESA - DEKALB COUNTY 75' STREAM BUFFER
ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
ESA - 25' STREAM BUFFER
ORANGE BARRIER FENCE (TYP)
TOP OF BANK - POINT OF WRESTED VEGETATION
SOUTH RIVER (PS 31)
TOP
DE12385
DE12386
DE12387
DE12388
DE12389
POINT OF WRESTED VEGETATION
MATCHLINE STA 97+50
N 1340064.04
E 2269873.33
SEE SHEET 60-0019

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

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID	11-16-18	REVISED CURVE NUMBERS
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
	REVISED EASMT PARCEL 7A		
10-31-14	REVISED PROPERTY OWNER DESCRIPTION FOR PARCEL 7A AND 7B		
11-27-16	REVISED PARCEL 7A & 7B DESCRIPRION		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 71
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 18 OF 33

DRAWING No. 60-0018

7/31/2015 GRWPLN

Curve° 31
PI Sta° 98+22.18
N° 1339992.1725
E° 2269880.1150
DELTA° 27°56'02.1" (LT)
D° 63°39'43.12"
T° 22.38
L° 43.88
R° 90.00
E° 2.74

Curve° 32
PI Sta° 99+27.73
N° 1339903.2412
E° 2269938.6005
DELTA° 32°20'41.8" (LT)
D° 63°39'43.12"
T° 26.10
L° 50.81
R° 90.00
E° 3.71

Curve° 33
PI Sta° 98+22.18
N° 1339992.17
E° 2269880.11
DELTA° 27°56'02.1" (LT)
D° 63°39'43.12"
T° 22.38
L° 43.88
R° 90.00
E° 2.74

Curve° 34
PI Sta° 99+27.73
N° 1339903.24
E° 2269938.60
DELTA° 32°20'41.8" (LT)
D° 63°39'43.12"
T° 26.10
L° 50.81
R° 90.00
E° 3.71

EXISTING R/W
WARRIORS PATH
EXISTING R/W
BEGIN HANDRAIL STA 97+50.00
EASM'T 1
P.C. 97+99.80
END HANDRAIL STA 98+00.00
98+00
MATCHLINE STA 97+50
N 1340064.04
E 2269873.53
SEE SHEET 20-0018
DE13106
DE13105
P.T. 98+43.68
DE13104
S 53°49'49" E
BEGIN BOARDWALK 3 STA 98+05.00
CURVE #31
S 33°19'51" E
CURVE #32
99+00
99+68
P.C. 99+01.63
DE13168
DE13162
DE13167
P.T. 99+52.44
DE13166
END BOARDWALK 3 STA 99+71.00
DE13164
DE13165
DE13163
EASM'T 1
07B
N/F
DEKALB COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF GEORGIA
FLAT SHOALS HUDSON PARK
TAX ID 15-071-01-007
(SEE SHEET 31)
(SEE SHEETS 20 & 31)
08
N/F DALE W. ATKINS & NANCY B. ATKINS, AS JOINT TENANTS WITH SURVIVORSHIP AND NOT AS TENANTS IN COMMON
TAX ID 15-070-03-039
100+00
101+00
09
N/F
WILLIE JOE FAVORS & MARY LEE FAVORS
TAX ID 15-070-03-027
(SEE SHEETS 20 & 31)
200+00
DE13184
DE13176
DE13183
EASM'T 1
S 45°31'14" E
℄ SOUTH RIVER TRAIL & PGL
CURVE #33
CURVE #34
P.T. 100+39.77
P.C. 99+81.77
S 65°40'33" E
ESA - DEKALB COUNTY 75' STREAM BUFFER
ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
P.C. 102+24.22
P.T. 102+48.46
S 40°44'35" E
MATCHLINE STA 102+50
N 1339694.13
E 2270180.37
SEE SHEET 60-0020
DE14112
DE12384
ESA - 25' STREAM BUFFER
07A
N/F
DEKALB COUNT, A POLITICIAN SUBDIVISION OF THE STATE OF GEORGIA
FLAT SHOALS HUDSON PARK
TAX ID 15-071-01-103
(SEE SHEETS 16, 17, 18 & 30)
DE12383
TOP OF BANK - POINT OF WRESTED VEGETATION
ORANGE BARRIER FENCE (TYP)
ESA - 25' STREAM BUFFER
ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
BRIDGE (PER GIS)
DE12399
DE12398
DE12397
DE12396
DE12395
DE12400
DE14111
SOUTH RIVER (PS 2)
POINT OF WRESTED VEGETATION

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

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

SCALE IN FEET
0 20 40 80

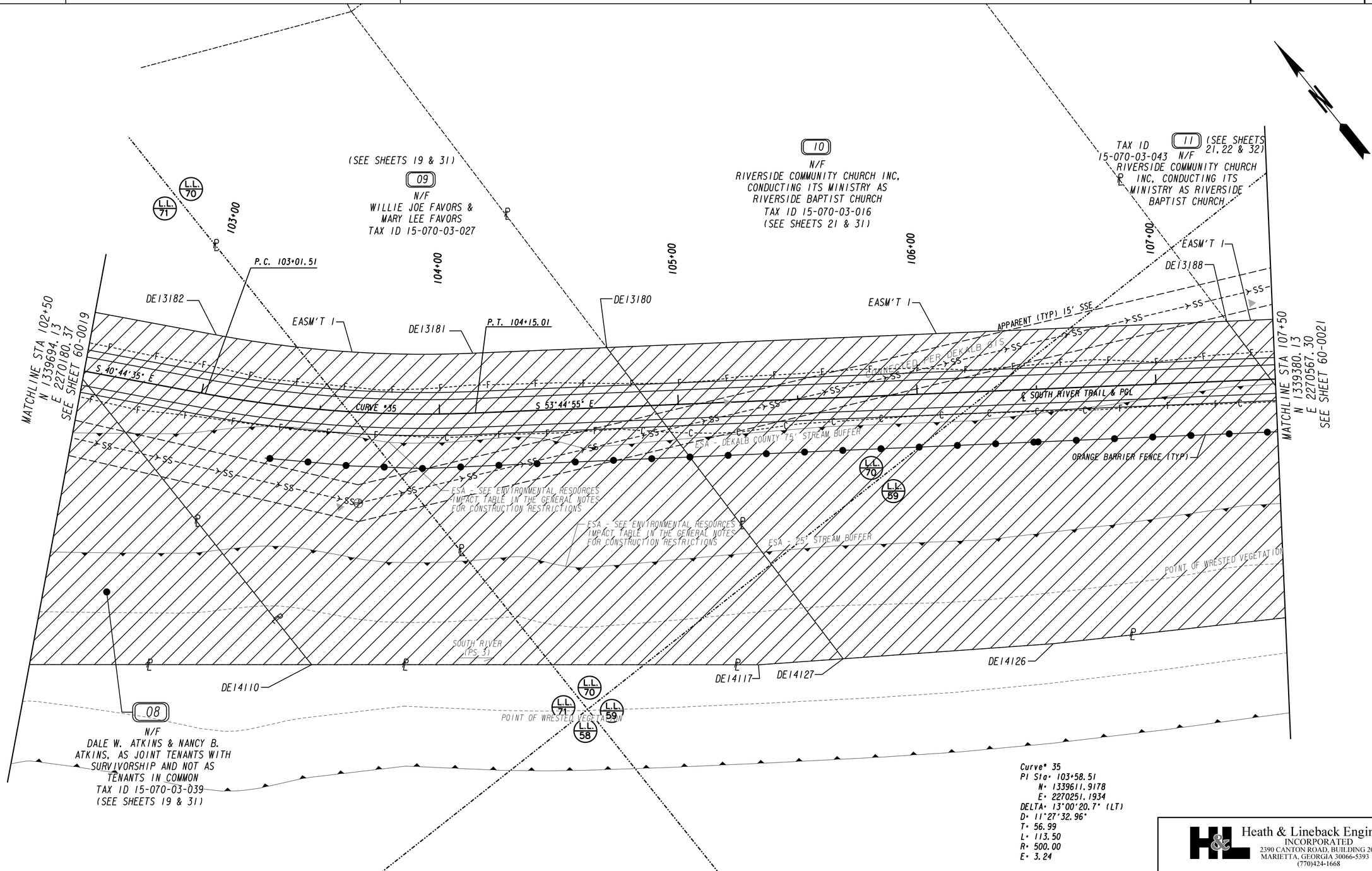
DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID ADDED PARS 7A AND 7B	11-16-18	REVISED CURVE NUMBERS
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
	REVISED EASMT PARS 7A & 7B		
10-31-14	REVISED PROPERTY OWNER DESCRIPTION FOR PARCELS 7A, 7B, AND 8		
11-27-16	REV. PARCELS 7A & 7B DESCRIPTION		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 71
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 19 OF 33

DRAWING No.
60-0019



Curve* 35
PI Sta* 103+58.51
N* 1339611.9178
E* 2270251.1934
DELTA* 13°00'20.7" (LT)
D* 11°27'32.96"
T* 56.99
L* 113.50
R* 500.00
E* 3.24

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

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID		
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
10-31-14	REVISED PROPERTY OWNER DESCRIPTION FOR PARCELS 8, 10, AND 11		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		
11-16-18	REVISED CURVE NUMBERS		

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 59, 70 & 71
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 20 OF 33

DRAWING No. 60-0020

Curve* 36
PI Sta* 109+60.64
N* 1339255.5704
E* 2270737.1661
DELTA* 84°21'57.4" (LT)
D* 25°27'53.25"
T* 203.90
L* 331.30
R* 225.00
E* 78.64

Curve* 37
PI Sta* 111+92.82
N* 1339485.3668
E* 2270943.2448
DELTA* 8°40'19.4" (LT)
D* 25°27'53.25"
T* 17.06
L* 34.06
R* 225.00
E* 0.65

MATCHLINE STA 107+50
N 1339380.13
E 2270567.30
SEE SHEET 60-0020

S 53°44'55" E
DE13197
P.C. 107+56.74

108+00

11
N/F
RIVERSIDE COMMUNITY CHURCH INC, CONDUCTING ITS MINISTRY AS RIVERSIDE BAPTIST CHURCH
TAX ID
15-070-03-043
(SEE SHEETS 20, 22 & 32)

109+00

110+00

111+00

112+00

L.L. 70

L.L. 59

EASM'T I

DE13194
P.T. 112+09.81

DE13195
P.C. 111+75.76

N 33°12'48" E

CURVE #37

MATCHLINE STA 112+50
N 1339533.26
E 2270974.60
SEE SHEET 60-0022

DE13196
P.T. 110+88.05

6 SY RIP RAP TYP 3

DO NOT DISTURB EXISTING MANHOLE

APPARENT (TYP) 15' SSE

CURVE #36

N 41°53'07" E

℄ SOUTH RIVER TRAIL & PGL

STREAM BUFFER

POINT OF WRESTED VEGETATION

DE14123

DE14125

10
DE14124 N/F
RIVERSIDE COMMUNITY CHURCH INC, CONDUCTING ITS MINISTRY AS RIVERSIDE BAPTIST CHURCH
TAX ID
15-070-03-016

DE14147

ESA - 25' STREAM BUFFER

ESA - DEKALB COUNTY 75' STREAM BUFFER

ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

ORANGE BARRIER FENCE (TYP)

DE14141

12
N/F
GREGORY B LEVETT AND SONS FUNERAL HOME, INC
DE14142 TAX ID 15-070-03-006
(SEE SHEETS 22, 23, 24 & 32)

EASM'T I

DE14203

TO POINT DE14158
SEE SHEET 60-24

DE14143

DE14144

DE14145

DE14146

(SEE SHEETS 20 & 31)

SOUTH RIVER (PS 31)

POINT OF WRESTED VEGETATION

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

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID		
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
10-31-14	REVISED PROPERTY OWNER DESCRIPTION FOR PARCELS 10, 11 AND 12		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		
11-16-18	REVISED CURVE NUMBERS		

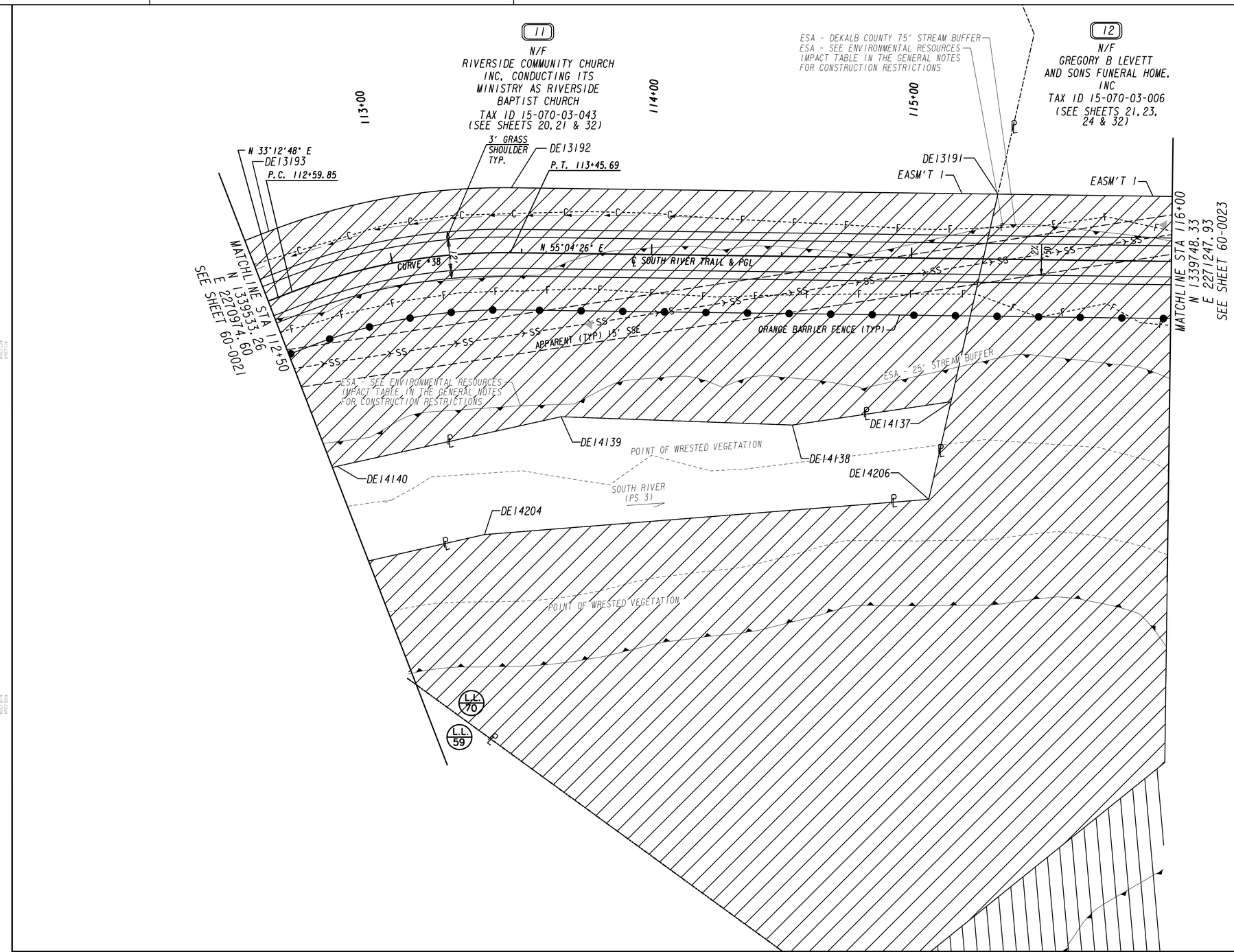
Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 59 & 70
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 21 OF 33

DRAWING No. 60-0021



Curve# 38
PI Sta: 113+03.30
N: 1339577.8546
E: 2271003.7979
DELTA: 21°51'38.2" (RT)
D: 25°27'53.25"
T: 43.45
L: 85.85
R: 225.00
E: 4.16

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

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

SCALE IN FEET
0 20 40 80

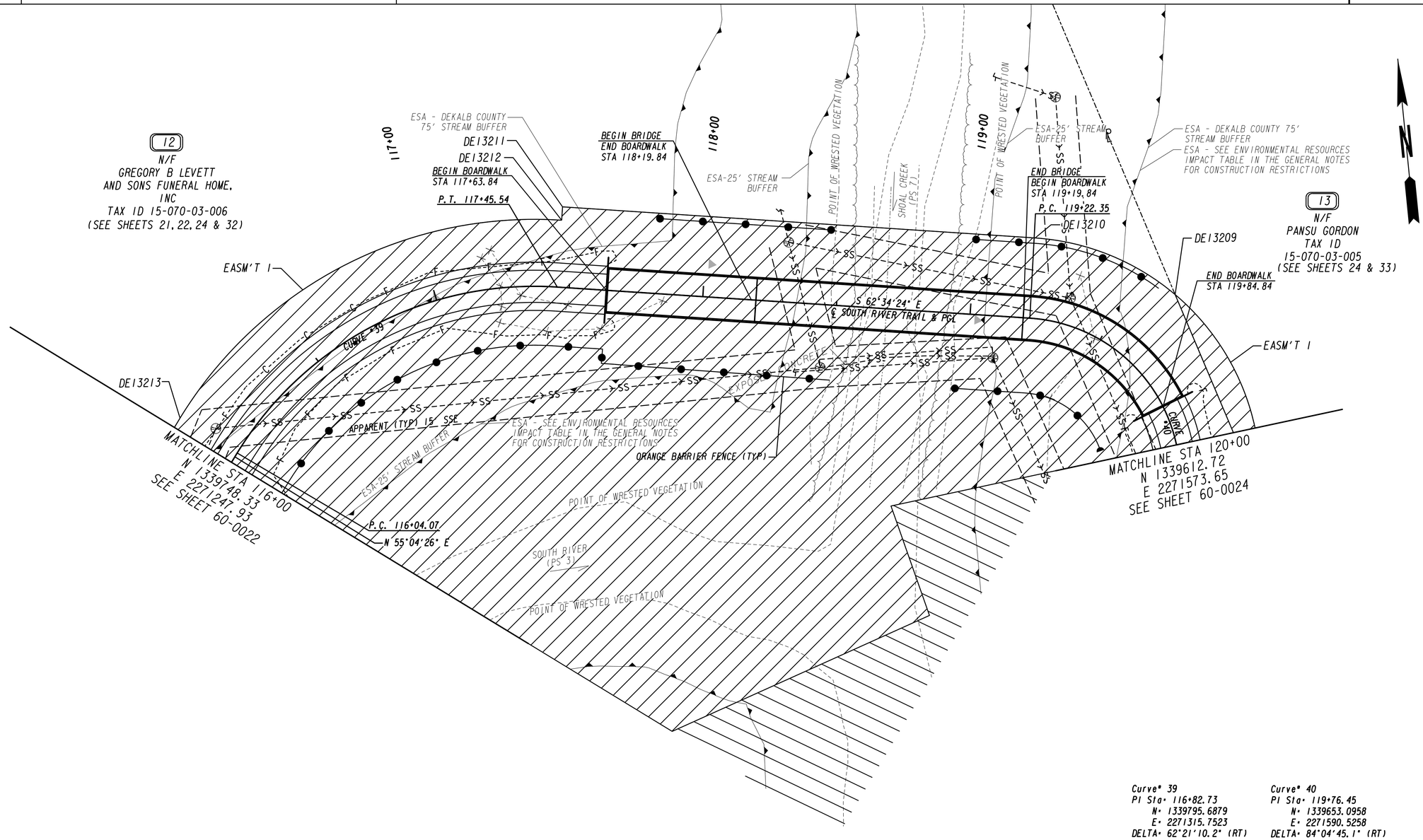
DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID		
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
10-31-14	REVISED PROPERTY OWNER DESCRIPTION FOR PARCELS 11 AND 12		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		
11-16-18	REVISED CURVE NUMBERS		

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 59 & 70
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 2 OF 33

DRAWING No.
60-0022



Curve* 39
PI Sta* 116+82.73
N* 1339795.6879
E* 2271315.7523
DELTA* 62°21'10.2" (RT)
D* 44°04'25.24"
T* 78.66
L* 141.47
R* 130.00
E* 21.94

Curve* 40
PI Sta* 119+76.45
N* 1339653.0958
E* 2271590.5258
DELTA* 84°04'45.1" (RT)
D* 95°29'34.68"
T* 54.10
L* 88.05
R* 60.00
E* 20.79

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

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

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID		
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
10-31-14	REVISED PROPERTY OWNER DESCRIPTION FOR PARCEL 12		
3-14-17	CHANGED COBB CREEK TO SHOAL CREEK		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		
11-16-18	REVISED CURVE NUMBERS		

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 70
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 23 OF 33

DRAWING No.
60-0023

13
N/F
PANSY GORDON
TAX ID 15-070-03-005
(SEE SHEETS 23 & 33)

14
N/F
DELPHINE PERRY
TAX ID
15-059-02-002
(SEE SHEET 33)

15
N/F
EDYTHE RUTH WHITE
TAX ID 15-059-02-005
(SEE SHEET 33)

16
N/F
MYRTIS A SMITH/ROBERT SMITH
AS JOINT TENANTS WITH RIGHT
OF SURVIVORSHIP
TAX ID 15-059-02-003
(SEE SHEETS 25 & 33)

APPROX LOCATION
OLD WOOD SHED

MATCHLINE STA 120+00
N 1339612.72
E 2271573.65
SEE SHEET 60-0023

MATCHLINE STA 125+00
N 1339118.02
E 2271536.93
SEE SHEET 60-0025

EASM'T 1
DE13256
P.T. 120+10.40
DE12382
DE14150
DE13204
DE13223
DE13225
P.C. 120+54.73
P.T. 121+27.87
CURVE #40
S 21°30'22" W
CURVE #41
S 0°33'12" W
℄ SOUTH RIVER TRAIL & P&L
APPARENT (TYP) 15' SSE
ESA - DEKALB COUNTY 75' STREAM BUFFER
ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS
ESA - 25' STREAM BUFFER
CHAIN LINK FENCE
ORANGE BARRIER FENCE (TYP)
TOP OF BANK
SOUTH RIVER (PS 31)
DE14179
DE14178
DE14172
DE14155
DE14173
DE14158
DE14159
DE14160
LL 70
LL 59
12 TOP OF BANK

N/F
GREGORY B LEVETT
AND SONS FUNERAL HOME, INC
TAX ID 15-070-03-006
(SEE SHEETS 21, 22, 23 & 32)
TO POINT DE14203
SEE SHEET 60-21

Curve* 40
PI Sta* 119+76.45
N* 1339653.0958
E* 2271590.5258
DELTA* 84°04'45.1" (RT)
D* 95°29'34.68"
T* 54.10
L* 88.05
R* 60.00
E* 20.79

Curve* 41
PI Sta* 120+91.71
N* 1339527.1140
E* 2271540.8851
DELTA* 20°57'09.8" (LT)
D* 28°38'52.40"
T* 36.98
L* 73.14
R* 200.00
E* 3.39

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

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID		
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER		
10-31-14	REVISED PROPERTY OWNER DESCRIPTION FOR PARCELS 12 AND 16		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		
11-16-18	REVISED CURVE NUMBERS		

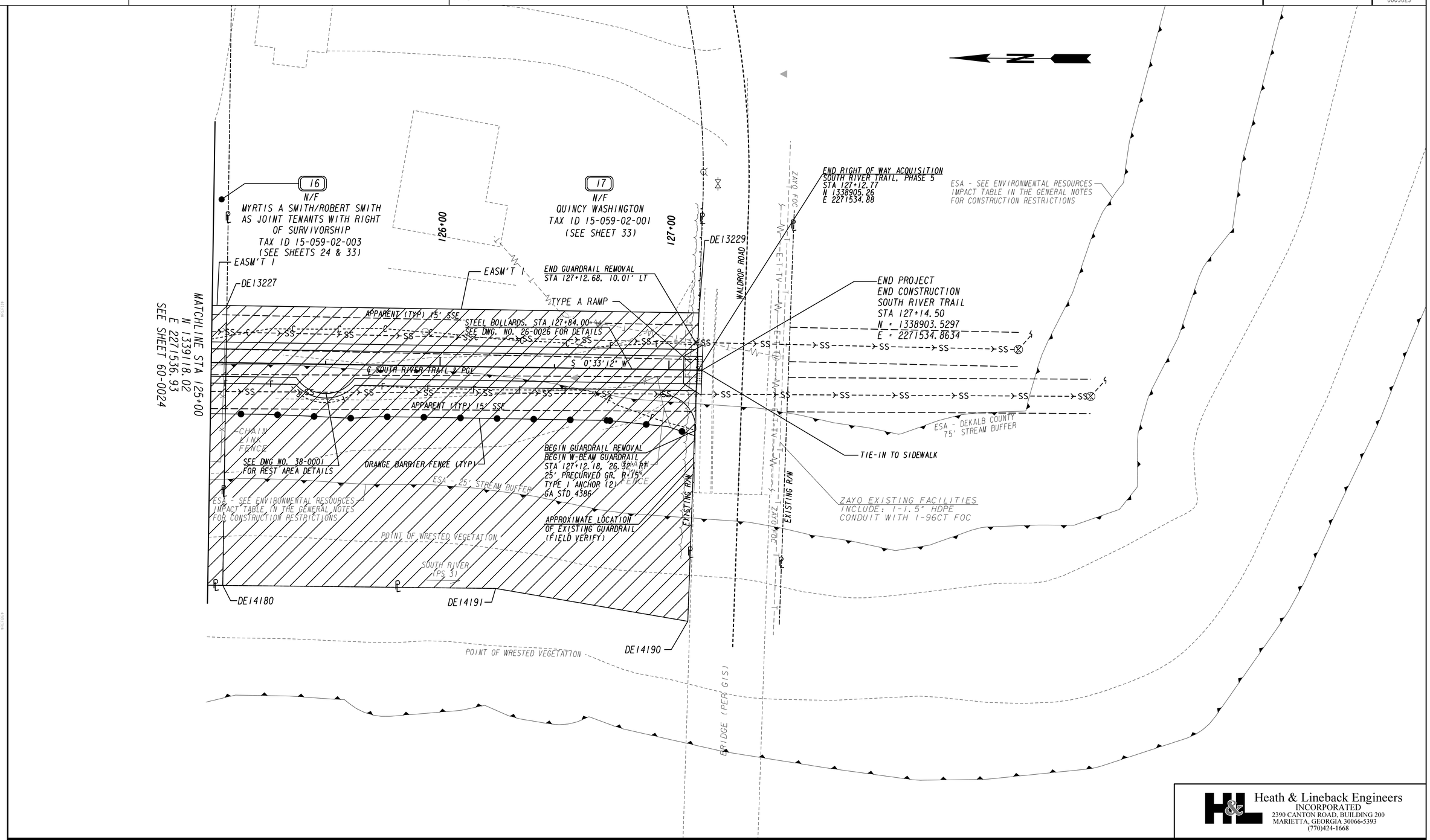
Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 59 & 70
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 24 OF 33

DRAWING No.
60-0024



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

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL TAX ID	6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.
4-11-14	ADDED TOPO AND REVISED STREAM BUFFER	11-16-18	REVISED CURVE NUMBERS
	REVISED PARCEL 17 EASMT		
10-31-14	REVISED PROPERTY OWNER DESCRIPTION FOR PARCELS 16 AND 17		
11-27-16	ADD HOUSE ON PARCEL 17		
3-14-17	REVISED PARCEL 17 EASMT		

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 59
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 25 OF 33

DRAWING No.
60-0025

****
Parcel 1 REQ'D PERM. EASM'T. 1 SEE SHEETS 2 & 3
****

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE13237	25.00 L	10+05.63	S. RIVER TRL.
	97.27	S 30°47'28.8" E	
DE13247	25.00 L	11+02.90	S. RIVER TRL.
ARC LENGTH = 52.23			
CHORD BEAR = S 50°44'24.3" E			
LNTH CHORD = 51.18			
RADIUS = 75.00			
DEGREE = 76°23'39.7"			
DE13246	25.00 L	11+72.53	S. RIVER TRL.
	41.38	N 49°36'01.4" E	
DE13245	60.64 L	11+90.40	S. RIVER TRL.
	69.26	S 40°23'58.6" E	
DE13244	42.64 L	12+34.95	S. RIVER TRL.
	17.64	S 47°40'29.5" W	
DE13243	25.00 L	12+34.95	S. RIVER TRL.
ARC LENGTH = 16.29			
CHORD BEAR = S 38°35'33.1" E			
LNTH CHORD = 16.27			
RADIUS = 125.00			
DEGREE = 45°50'11.8"			
DE13242	25.00 L	12+47.98	S. RIVER TRL.
	15.02	S 34°51'35.8" E	
DE13257	25.00 L	12+63.00	S. RIVER TRL.
	15.00	N 55°08'24.2" E	
DE13258	40.00 L	12+63.00	S. RIVER TRL.
	41.00	S 34°51'35.8" E	
DE13259	40.00 L	13+04.00	S. RIVER TRL.
	15.00	S 55°08'24.2" W	
DE13260	25.00 L	13+04.00	S. RIVER TRL.
	69.41	S 34°51'35.8" E	
DE13241	25.00 L	13+73.41	S. RIVER TRL.
	12.00	N 55°08'24.2" E	
DE13261	37.00 L	13+73.41	S. RIVER TRL.
ARC LENGTH = 44.93			
CHORD BEAR = S 29°56'48.6" E			
LNTH CHORD = 44.88			
RADIUS = 262.00			
DEGREE = 21°52'07.0"			
DE13262	37.00 L	14+12.00	S. RIVER TRL.
	12.00	S 64°57'58.7" W	
DE13263	25.00 L	14+12.00	S. RIVER TRL.
ARC LENGTH = 114.33			
CHORD BEAR = S 11°55'55.7" E			
LNTH CHORD = 113.34			
RADIUS = 250.00			
DEGREE = 22°55'05.9"			
DE13240	25.00 L	15+14.90	S. RIVER TRL.
	51.20	S 1°10'10.0" W	
DE13239	25.00 L	15+66.10	S. RIVER TRL.
ARC LENGTH = 71.16			
CHORD BEAR = S 9°01'26.1" E			
LNTH CHORD = 70.79			
RADIUS = 200.00			
DEGREE = 28°38'52.4"			
DE13238	25.00 L	16+46.16	S. RIVER TRL.
	16.68	S 19°13'02.2" E	
DE13000	25.00 L	16+62.84	S. RIVER TRL.
	53.24	N 89°06'07.0" W	
DE13004	25.00 R	16+44.69	S. RIVER TRL.
ARC LENGTH = 87.32			
CHORD BEAR = N 8°50'11.4" W			
LNTH CHORD = 86.88			
RADIUS = 250.00			
DEGREE = 22°55'05.9"			
DE13255	25.00 R	15+66.10	S. RIVER TRL.
	51.20	N 1°10'10.0" E	
DE13254	25.00 R	15+14.90	S. RIVER TRL.
ARC LENGTH = 77.24			
CHORD BEAR = N 9°53'41.8" W			
LNTH CHORD = 76.76			
RADIUS = 200.00			
DEGREE = 28°38'52.4"			
DE13264	25.00 R	14+28.00	S. RIVER TRL.
	17.00	S 69°02'26.4" W	
DE13265	42.00 R	14+28.00	S. RIVER TRL.
ARC LENGTH = 35.79			
CHORD BEAR = N 26°33'41.7" W			
LNTH CHORD = 35.73			
RADIUS = 183.00			
DEGREE = 31°18'33.0"			
DE13266	42.00 R	13+84.00	S. RIVER TRL.
	17.00	N 57°50'10.2" E	
DE13267	25.00 R	13+84.00	S. RIVER TRL.
	9.41	N 33°30'42.8" W	
DE13253	25.00 R	13+73.41	S. RIVER TRL.
	63.41	N 34°51'35.8" W	
DE13268	25.00 R	13+10.00	S. RIVER TRL.
	15.00	S 55°08'24.2" W	
DE13269	40.00 R	13+10.00	S. RIVER TRL.
	42.00	N 34°51'35.8" W	
DE13270	40.00 R	12+68.00	S. RIVER TRL.
	15.00	N 55°08'24.2" E	
DE13271	25.00 R	12+68.00	S. RIVER TRL.
	20.02	N 34°51'35.8" W	
DE13252	25.00 R	12+47.98	S. RIVER TRL.
ARC LENGTH = 7.48			
CHORD BEAR = N 37°43'05.2" W			
LNTH CHORD = 7.48			
RADIUS = 75.00			
DEGREE = 76°23'39.7"			
DE13272	25.00 R	12+38.00	S. RIVER TRL.
	17.00	S 49°25'25.5" W	
DE13273	42.00 R	12+38.00	S. RIVER TRL.
ARC LENGTH = 25.52			
CHORD BEAR = N 53°10'52.7" W			
LNTH CHORD = 25.31			
RADIUS = 58.00			
DEGREE = 98°47'09.0"			
DE13274	42.00 R	11+94.00	S. RIVER TRL.
	17.00	N 24°12'49.1" E	
DE13275	25.00 R	11+94.00	S. RIVER TRL.
ARC LENGTH = 8.49			
CHORD BEAR = N 69°01'44.6" W			
LNTH CHORD = 8.48			
RADIUS = 75.00			
DEGREE = 76°23'39.7"			
DE13251	25.00 R	11+82.68	S. RIVER TRL.
	7.39	N 72°16'18.3" W	
DE13250	25.00 R	11+75.30	S. RIVER TRL.
ARC LENGTH = 90.50			
CHORD BEAR = N 51°31'53.6" W			
LNTH CHORD = 88.53			
RADIUS = 125.00			
DEGREE = 45°50'11.8"			
DE13249	25.00 R	11+02.90	S. RIVER TRL.
	97.27	N 30°47'28.8" W	
DE13248	25.00 R	10+05.63	S. RIVER TRL.
	50.00	N 59°12'31.2" E	
DE13237	25.00 L	10+05.63	S. RIVER TRL.

REQD EASMT = 37102.96 SF
REQD EASMT = 0.852 ACRES
TOTAL LOT SIZE = +/- 57 ACRES

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DATE	REVISIONS	DATE	REVISIONS
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 73
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 26 OF 33

DRAWING No.
60-0026

****

Parcel 2 REQ'D PERM. EASM'T. 1 SEE SHEET 3

****

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE13000	25.00	L	16+62.84	S. RIVER TRL.
	37.95		S 19°13'02.2" E	
DE13003	25.00	L	17+00.79	S. RIVER TRL.

ARC LENGTH = 39.78
CHORD BEAR = S 24°54'54.3" E
LNTH CHORD = 39.71
RADIUS = 200.00
DEGREE = 28°38'52.4"

DE13002	25.00	L	17+45.54	S. RIVER TRL.
	33.56		S 30°36'46.4" E	
DE13001	25.00	L	17+79.10	S. RIVER TRL.
	58.65		N 89°06'07.0" W	
DE13008	25.00	R	17+48.45	S. RIVER TRL.
	2.91		N 30°36'46.4" W	
DE13007	25.00	R	17+45.54	S. RIVER TRL.

ARC LENGTH = 49.72
CHORD BEAR = N 24°54'54.3" W
LNTH CHORD = 49.64
RADIUS = 250.00
DEGREE = 22°55'05.9"

DE13006	25.00	R	17+00.79	S. RIVER TRL.
	54.63		N 19°13'02.2" W	
DE13005	25.00	R	16+46.16	S. RIVER TRL.
	1.64		N 19°01'47.5" W	
DE13004	25.00	R	16+44.69	S. RIVER TRL.
	53.24		S 89°06'07.0" E	
DE13000	25.00	L	16+62.84	S. RIVER TRL.

REQD EASMT = 5504.68 SF
REQD EASMT = 0.126 ACRES
TOTAL LOT SIZE = +/- 9.7 ACRES

****

Parcel 3 REQ'D PERM. EASM'T. 1 SEE SHEET 3

****

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE13001	25.00	L	17+79.10	S. RIVER TRL.
	41.26		S 30°36'46.4" E	
DE13011	25.00	L	18+20.36	S. RIVER TRL.

ARC LENGTH = 72.88
CHORD BEAR = S 41°03'09.5" E
LNTH CHORD = 72.48
RADIUS = 200.00
DEGREE = 28°38'52.4"

DE13010	25.00	L	19+02.36	S. RIVER TRL.
	92.35		S 51°29'32.7" E	
DE13009	25.00	L	19+94.71	S. RIVER TRL.
	268.99		S 89°26'00.0" W	
DE14216	162.47	R	18+33.66	S. RIVER TRL.
	18.90		N 30°04'52.2" W	
DE14215	161.64	R	18+22.68	S. RIVER TRL.
	52.40		N 21°50'26.2" W	
DE14214	153.62	R	17+72.56	S. RIVER TRL.
	96.77		N 23°58'55.3" W	
DE14213	148.89	R	17+03.72	S. RIVER TRL.
	196.41		S 89°06'07.0" E	
DE13001	25.00	L	17+79.10	S. RIVER TRL.

REQD EASMT = 33362.70 SF
REQD EASMT = 0.766 ACRES
TOTAL LOT SIZE = +/- 3.2 ACRES

****

Parcel 4 REQ'D PERM. EASM'T. 1 SEE SHEETS 3, 4 & 5

****

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE13009	25.00	L	19+94.71	S. RIVER TRL.
	6.41		S 51°29'32.7" E	
DE13020	25.00	L	20+01.12	S. RIVER TRL.

ARC LENGTH = 46.36
CHORD BEAR = S 58°08'01.0" E
LNTH CHORD = 46.26
RADIUS = 200.00
DEGREE = 28°38'52.4"

DE13019	25.00	L	20+53.28	S. RIVER TRL.
	433.33		S 64°46'29.3" E	
DE13018	25.00	L	24+86.61	S. RIVER TRL.

ARC LENGTH = 122.81
CHORD BEAR = S 53°56'59.0" E
LNTH CHORD = 122.08
RADIUS = 325.00
DEGREE = 17°37'46.1"

DE13017	25.00	L	25+99.97	S. RIVER TRL.
	147.05		S 43°07'28.6" E	
DE13016	25.00	L	27+47.02	S. RIVER TRL.
	36.75		S 69°41'10.6" E	
DE13015	41.43	L	27+79.89	S. RIVER TRL.
	105.36		S 0°23'05.6" W	
DE14217	46.98	R	28+36.06	S. RIVER TRL.
	31.34		N 75°38'34.0" W	
DE14228	52.98	R	28+16.24	S. RIVER TRL.
	108.44		N 64°42'43.3" W	
DE14227	87.85	R	27+29.05	S. RIVER TRL.
	101.44		N 68°48'21.4" W	
DE14226	131.81	R	26+37.63	S. RIVER TRL.
	95.85		N 61°53'12.4" W	
DE14225	152.73	R	24+89.32	S. RIVER TRL.
	287.74		N 65°46'20.1" W	
DE14223	157.75	R	22+00.24	S. RIVER TRL.
	142.63		N 77°09'35.4" W	
DE14222	188.34	R	20+60.93	S. RIVER TRL.
	98.81		N 44°41'00.4" W	
DE14221	163.83	R	20+03.61	S. RIVER TRL.
	137.99		N 50°50'18.2" W	
DE14219	163.81	R	18+82.12	S. RIVER TRL.
	58.83		N 43°09'06.0" W	
DE14218	164.98	R	18+48.10	S. RIVER TRL.
	25.07		N 30°04'52.2" W	
DE14216	162.47	R	18+33.66	S. RIVER TRL.
	268.99		N 89°26'00.0" E	
DE13009	25.00	L	19+94.71	S. RIVER TRL.

REQD EASMT = 160684.81 SF
REQD EASMT = 3.689 ACRES
TOTAL LOT SIZE = +/- 6.5 ACRES

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DATE	REVISIONS	DATE	REVISIONS
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 73
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 27 OF 33

DRAWING No.
60-0027

****
Parcel 5 REQ'D PERM. EASM'T. 1 SEE SHEETS 5,6,7,8 & 9
****

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE13027	25.00 L	29+08.79	S. RIVER TRL.
	1.88	N 89°15'53.2" E	
DE13039	25.00 L	29+11.40	S. RIVER TRL.
	82.93	N 88°26'11.3" E	
DE13038	25.00 L	29+94.32	S. RIVER TRL.
ARC LENGTH = 93.35			
CHORD BEAR = S 83°20'07.1" E			
LNTH CHORD = 93.03			
RADIUS = 325.00			
DEGREE = 17°37'46.1"			
DE13037	25.00 L	30+80.49	S. RIVER TRL.
	5.00	N 14°52'55.2" E	
DE13036	30.00 L	30+80.49	S. RIVER TRL.
ARC LENGTH = 24.33			
CHORD BEAR = S 72°59'41.3" E			
LNTH CHORD = 24.33			
RADIUS = 330.00			
DEGREE = 17°21'44.5"			
DE13035	30.00 L	31+02.61	S. RIVER TRL.
	699.34	S 70°52'56.6" E	
DE13034	30.00 L	38+01.94	S. RIVER TRL.
ARC LENGTH = 31.90			
CHORD BEAR = S 74°16'02.2" E			
LNTH CHORD = 31.88			
RADIUS = 270.00			
DEGREE = 21°13'14.4"			
DE13033	30.00 L	38+37.39	S. RIVER TRL.
	322.61	S 77°39'07.7" E	
DE13032	30.00 L	41+60.00	S. RIVER TRL.
	5.00	S 12°20'52.3" W	
DE13031	25.00 L	41+60.00	S. RIVER TRL.
	227.24	S 77°39'07.7" E	
DE13030	25.00 L	43+87.24	S. RIVER TRL.
ARC LENGTH = 269.76			
CHORD BEAR = N 63°42'26.6" E			
LNTH CHORD = 249.77			
RADIUS = 200.00			
DEGREE = 28°38'52.4"			
DE13029	25.00 L	46+90.72	S. RIVER TRL.
	316.45	N 25°04'01.0" E	
DE13028	25.00 L	50+07.17	S. RIVER TRL.
	150.09	S 38°35'16.0" E	
DE14007	109.50 R	49+40.56	S. RIVER TRL.
	184.44	S 23°47'19.2" W	
DE14008	113.62 R	47+56.17	S. RIVER TRL.
	56.72	S 33°31'08.5" W	
DE14009	105.28 R	47+00.07	S. RIVER TRL.
	43.82	S 15°15'18.4" W	
DE14010	114.44 R	46+68.26	S. RIVER TRL.
	43.82	S 14°16'51.9" E	
DE14011	146.75 R	46+49.51	S. RIVER TRL.
	79.16	S 20°33'21.8" E	
DE14012	214.68 R	46+26.89	S. RIVER TRL.
	67.77	S 4°34'26.1" W	
DE14013	258.29 R	46+01.55	S. RIVER TRL.
	39.68	S 19°40'53.7" W	
DE14014	278.19 R	45+85.89	S. RIVER TRL.
	32.59	S 38°20'44.1" W	
DE14015	286.73 R	45+71.94	S. RIVER TRL.
	32.59	S 71°21'01.7" W	
DE14016	278.70 R	45+57.94	S. RIVER TRL.
	58.69	N 88°52'09.5" W	
DE14017	249.99 R	45+34.39	S. RIVER TRL.
	160.21	N 75°03'34.9" W	
DE14018	166.56 R	44+62.72	S. RIVER TRL.
	115.34	N 82°09'41.1" W	
DE14019	154.06 R	43+95.51	S. RIVER TRL.
	144.56	N 67°18'13.1" W	
DE14020	127.83 R	42+58.96	S. RIVER TRL.
	141.35	N 67°49'21.7" W	
DE14021	103.70 R	41+19.69	S. RIVER TRL.
	984.06	N 72°24'02.7" W	
DE14024	93.69 R	31+46.15	S. RIVER TRL.
	214.32	N 71°09'36.6" W	
DE14001	47.71 R	29+08.55	S. RIVER TRL.
	72.71	N 0°23'05.6" E	
DE13027	25.00 L	29+08.79	S. RIVER TRL.

REQD EASMT = 311705.82 SF
REQD EASMT = 7.156 ACRES
TOTAL LOT SIZE = +/- 39 ACRES

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DATE	REVISIONS	DATE	REVISIONS
3-27-14	PAR 5 MOVED TABS		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		
11-16-18	REVISED CURVE NUMBERS		

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 72 & 73
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 28 OF 33

DRAWING No.
60-0028

Parcel 6 REQ'D PERM. EASM'T. 1 SEE SHEETS 9, 10 & 11

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE13028	25.00	L	50+07.17	S. RIVER TRL.
	66.08		N 25°04'01.0" E	
DE13070	25.00	L	50+73.25	S. RIVER TRL.
ARC LENGTH = 225.43				
CHORD BEAR = N 44°56'15.5" E				
LNTH CHORD = 220.93				
RADIUS = 325.00				
DEGREE = 17°37'46.1"				
DE13069	25.00	L	52+81.34	S. RIVER TRL.
	200.22		N 64°48'29.9" E	
DE13068	25.00	L	54+81.56	S. RIVER TRL.
ARC LENGTH = 86.09				
CHORD BEAR = N 74°40'22.6" E				
LNTH CHORD = 85.66				
RADIUS = 250.00				
DEGREE = 22°55'05.9"				
DE13067	25.00	L	55+59.03	S. RIVER TRL.
	66.54		N 84°32'15.3" E	
DE13066	25.00	L	56+25.57	S. RIVER TRL.
ARC LENGTH = 15.91				
CHORD BEAR = N 81°55'59.3" E				
LNTH CHORD = 15.90				
RADIUS = 175.00				
DEGREE = 32°44'25.6"				
DE13065	25.00	L	56+43.75	S. RIVER TRL.
	69.75		N 79°19'43.3" E	
DE13465	25.00	L	57+13.51	S. RIVER TRL.
	120.27		S 7°00'59.4" E	
DE14274	95.03	R	57+05.84	S. RIVER TRL.
	9.44		N 85°43'22.9" W	
DE14074	92.59	R	56+96.72	S. RIVER TRL.
	78.77		N 87°59'49.3" W	
DE14073	76.34	R	56+26.45	S. RIVER TRL.
	95.68		S 81°23'03.7" W	
DE14071	78.94	R	55+15.97	S. RIVER TRL.
	45.43		S 65°23'41.6" W	
DE14070	80.18	R	54+58.38	S. RIVER TRL.
	64.28		S 58°30'18.7" W	
DE14069	87.23	R	53+94.49	S. RIVER TRL.
	82.85		S 53°03'36.4" W	
DE14068	104.10	R	53+13.37	S. RIVER TRL.
	54.57		S 61°41'57.3" W	
DE14067	105.76	R	52+46.59	S. RIVER TRL.
	54.57		S 39°32'45.9" W	
DE14066	115.78	R	51+61.23	S. RIVER TRL.
	77.52		S 34°14'38.5" W	
DE14065	111.28	R	50+49.98	S. RIVER TRL.
	87.18		S 26°33'54.2" W	
DE14064	109.00	R	49+62.83	S. RIVER TRL.
	22.28		S 23°47'19.2" W	
DE14007	109.50	R	49+40.56	S. RIVER TRL.
	150.09		N 38°35'16.0" W	
DE13028	25.00	L	50+07.17	S. RIVER TRL.

REQD EASMT = 84938.19 SF
REQD EASMT = 1.950 ACRES
TOTAL LOT SIZE = +/- 17 ACRES

Parcel 6A REQ'D PERM. EASM'T. 1 SEE SHEET 11

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE13465	25.00	L	57+13.51	S. RIVER TRL.
	2.65		N 79°19'43.3" E	
DE13064	25.00	L	57+16.16	S. RIVER TRL.
ARC LENGTH = 37.39				
CHORD BEAR = N 85°26'56.6" E				
LNTH CHORD = 37.32				
RADIUS = 175.00				
DEGREE = 32°44'25.6"				
DE13063	25.00	L	57+48.21	S. RIVER TRL.
	393.55		S 88°25'50.1" E	
DE13062	25.00	L	61+41.76	S. RIVER TRL.
	148.43		S 1°04'25.7" W	
DE14057	123.43	R	61+43.04	S. RIVER TRL.
	14.04		N 88°16'51.1" W	
DE14077	123.39	R	61+29.00	S. RIVER TRL.
	161.10		N 85°24'16.4" W	
DE14076	114.89	R	59+68.12	S. RIVER TRL.
	161.10		N 83°56'52.4" W	
DE14075	102.30	R	58+07.52	S. RIVER TRL.
	81.14		N 85°43'22.9" W	
DE14274	95.03	R	57+05.84	S. RIVER TRL.
	120.27		N 7°00'59.4" W	
DE13465	25.00	L	57+13.51	S. RIVER TRL.

REQD EASMT = 57884.08 SF
REQD EASMT = 1.329 ACRES
TOTAL LOT SIZE = +/- 33 ACRES

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DATE	REVISIONS	DATE	REVISIONS
3-27-14	PAR 7 MOVED TABS		
11-27-16	REVISED PAR 6 & ADDED PAR 6A		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		
11-16-18	REVISED CURVE NUMBERS		

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 72
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 29 OF 33

DRAWING No.
60-0029

7/31/2015 GRWPLN

****
Parcel 7 REQ'D PERM. EASM'T. 1 SEE SHEETS 11, 12, 13, 14, 15 & 16
****

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE13062	25.00 L	61+41.76	S. RIVER TRL.
	75.49	S 88°25'50.1" E	
DE13086	25.00 L	62+17.24	S. RIVER TRL.
ARC LENGTH = 147.78			
CHORD BEAR = N 76°10'27.1" E			
LNTH CHORD = 146.01			
RADIUS = 275.00			
DEGREE = 20°50'05.4"			
DE13085	25.00 L	63+78.46	S. RIVER TRL.
	91.54	N 60°46'44.4" E	
DE13084	25.00 L	64+70.00	S. RIVER TRL.
	5.00	N 29°13'15.6" W	
DE13083	30.00 L	64+70.00	S. RIVER TRL.
	130.00	N 60°46'44.4" E	
DE13082	30.00 L	66+00.00	S. RIVER TRL.
	5.00	S 29°13'15.6" E	
DE13081	25.00 L	66+00.00	S. RIVER TRL.
	649.07	N 60°46'44.4" E	
DE13080	25.00 L	72+49.07	S. RIVER TRL.
ARC LENGTH = 106.09			
CHORD BEAR = N 66°34'04.9" E			
LNTH CHORD = 105.91			
RADIUS = 525.00			
DEGREE = 10°54'48.5"			
DE13079	25.00 L	73+50.11	S. RIVER TRL.
	328.28	N 72°21'25.5" E	
DE13078	25.00 L	76+78.39	S. RIVER TRL.
ARC LENGTH = 169.29			
CHORD BEAR = N 81°35'41.1" E			
LNTH CHORD = 168.56			
RADIUS = 525.00			
DEGREE = 10°54'48.5"			
DE13077	25.00 L	78+39.61	S. RIVER TRL.
	121.39	S 89°10'03.4" E	
DE13076	25.00 L	79+61.00	S. RIVER TRL.
	5.00	N 0°49'56.6" E	
DE13075	30.00 L	79+61.00	S. RIVER TRL.
	46.04	S 89°10'03.4" E	
DE13074	30.00 L	80+07.04	S. RIVER TRL.
ARC LENGTH = 147.90			
CHORD BEAR = S 72°33'06.2" E			
LNTH CHORD = 145.84			
RADIUS = 255.00			
DEGREE = 22°28'08.2"			
DE13073	30.00 L	81+37.54	S. RIVER TRL.
	85.83	S 55°56'08.9" E	
DE10071	30.00 L	82+53.19	S. RIVER TRL.
	44.05	N 67°07'43.1" E	
DE13072	30.00 L	82+97.24	S. RIVER TRL.
ARC LENGTH = 5.39			
CHORD BEAR = N 69°56'16.5" E			
LNTH CHORD = 5.39			
RADIUS = 55.00			
DEGREE = 104°10'26.9"			
DE13071	30.00 L	82+99.69	S. RIVER TRL.
	278.11	S 1°37'57.0" W	
DE14037	181.55 R	85+10.71	S. RIVER TRL.
	133.22	N 40°28'08.6" W	
DE14038	135.04 R	82+32.22	S. RIVER TRL.
	100.62	N 43°52'53.0" W	
DE14039	106.91 R	81+72.92	S. RIVER TRL.
	94.56	N 66°53'47.9" W	
DE14040	109.57 R	80+20.30	S. RIVER TRL.
	94.56	N 81°04'33.6" W	
DE14041	96.46 R	79+20.22	S. RIVER TRL.
	108.52	S 84°53'52.2" W	
DE14042	106.73 R	78+04.84	S. RIVER TRL.
	116.98	S 79°32'34.6" W	
DE14043	104.61 R	76+60.73	S. RIVER TRL.
	106.65	S 75°06'31.2" W	
DE14044	99.49 R	75+54.21	S. RIVER TRL.
	149.86	S 69°39'04.4" W	
DE14045	106.56 R	74+04.51	S. RIVER TRL.
	113.29	S 65°00'24.1" W	
DE14046	116.65 R	72+74.23	S. RIVER TRL.
	104.28	S 62°40'34.0" W	
DE14047	113.69 R	71+64.13	S. RIVER TRL.
	97.34	S 60°16'59.9" W	
DE14048	114.53 R	70+66.79	S. RIVER TRL.
	162.41	S 57°18'59.9" W	
DE14049	124.34 R	69+04.68	S. RIVER TRL.
	94.87	S 66°48'05.1" W	
DE14050	114.38 R	68+10.33	S. RIVER TRL.
	94.87	S 59°09'22.3" W	
DE14051	117.07 R	67+15.50	S. RIVER TRL.
	84.62	S 53°08'09.5" W	
DE14052	128.32 R	66+31.64	S. RIVER TRL.
	116.21	S 65°21'41.8" W	
DE14053	119.04 R	65+15.80	S. RIVER TRL.
	116.21	S 60°06'48.5" W	
DE14054	120.39 R	63+99.61	S. RIVER TRL.
	155.46	S 65°20'38.8" W	
DE14055	129.40 R	62+83.39	S. RIVER TRL.
	84.96	S 88°26'16.0" W	
DE14056	123.74 R	62+23.67	S. RIVER TRL.
	83.28	N 88°16'51.1" W	
DE14057	123.43 R	61+43.04	S. RIVER TRL.
	148.43	N 1°04'25.7" E	
DE13062	25.00 L	61+41.76	S. RIVER TRL.
REQD EASMT = 307631.93 SF			
REQD EASMT = 7.062 ACRES			
TOTAL LOT SIZE = +/- 74 ACRES			

****
Parcel 7A REQ'D PERM. EASM'T. 1 SEE SHEETS 16, 17, 18 & 19
****

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE13071	30.00 L	82+99.69	S. RIVER TRL.
ARC LENGTH = 60.32			
CHORD BEAR = S 75°50'04.1" E			
LNTH CHORD = 57.34			
RADIUS = 55.00			
DEGREE = 104°10'26.9"			
DE13140	30.00 L	83+27.11	S. RIVER TRL.
	58.97	S 44°24'58.1" E	
DE13139	30.00 L	83+86.07	S. RIVER TRL.
	5.00	S 45°35'01.9" W	
DE13138	25.00 L	83+86.07	S. RIVER TRL.
ARC LENGTH = 36.21			
CHORD BEAR = S 38°29'17.1" E			
LNTH CHORD = 36.15			
RADIUS = 175.00			
DEGREE = 32°44'25.6"			
DE13137	25.00 L	84+17.11	S. RIVER TRL.
	346.92	S 32°33'36.1" E	
DE13136	25.00 L	87+64.03	S. RIVER TRL.
ARC LENGTH = 37.92			
CHORD BEAR = S 49°16'20.5" E			
LNTH CHORD = 37.38			
RADIUS = 65.00			
DEGREE = 88°08'50.5"			
DE13135	25.00 L	88+16.53	S. RIVER TRL.
	105.96	S 65°59'04.8" E	
DE13134	25.00 L	89+22.49	S. RIVER TRL.
ARC LENGTH = 101.43			
CHORD BEAR = S 40°43'05.8" E			
LNTH CHORD = 98.17			
RADIUS = 115.00			
DEGREE = 49°49'20.7"			
DE13133	25.00 L	90+01.87	S. RIVER TRL.
	181.70	S 15°27'06.8" E	
DE13132	25.00 L	91+83.57	S. RIVER TRL.
ARC LENGTH = 45.43			
CHORD BEAR = S 4°08'05.7" E			
LNTH CHORD = 45.13			
RADIUS = 115.00			
DEGREE = 49°49'20.7"			
DE13131	25.00 L	92+19.12	S. RIVER TRL.
	146.53	S 7°10'55.3" W	
DE13130	25.00 L	93+65.66	S. RIVER TRL.
ARC LENGTH = 33.23			
CHORD BEAR = S 7°27'53.0" E			
LNTH CHORD = 32.87			
RADIUS = 65.00			
DEGREE = 88°08'50.5"			
DE13129	25.00 L	94+11.67	S. RIVER TRL.
	69.19	S 22°06'41.3" E	
DE13128	25.00 L	94+80.86	S. RIVER TRL.
ARC LENGTH = 52.06			
CHORD BEAR = S 45°03'20.6" E			
LNTH CHORD = 50.68			
RADIUS = 65.00			
DEGREE = 88°08'50.5"			
DE13127	25.00 L	95+52.95	S. RIVER TRL.
	24.89	S 67°59'59.8" E	
DE13126	25.00 L	95+77.84	S. RIVER TRL.
ARC LENGTH = 125.65			
CHORD BEAR = S 36°41'54.4" E			
LNTH CHORD = 119.49			
RADIUS = 115.00			
DEGREE = 49°49'20.7"			
DE13109	25.00 L	96+76.17	S. RIVER TRL.
	63.83	S 5°23'49.1" E	
DE13108	25.00 L	97+40.00	S. RIVER TRL.
	5.00	N 84°36'10.9" E	
DE13107	30.00 L	97+40.00	S. RIVER TRL.
	59.80	S 5°23'49.1" E	
DE13106	30.00 L	97+99.80	S. RIVER TRL.
ARC LENGTH = 29.25			
CHORD BEAR = S 19°21'50.1" E			
LNTH CHORD = 28.96			
RADIUS = 60.00			
DEGREE = 95°29'34.7"			
DE13105	30.00 L	98+43.68	S. RIVER TRL.
	6.35	S 33°19'51.1" E	
DE13104	30.00 L	98+50.03	S. RIVER TRL.
	86.23	S 57°26'52.2" W	
DE12383	56.22 R	98+48.86	S. RIVER TRL.
	54.70	N 25°14'47.7" W	
DE12384	56.93 R	98+13.09	S. RIVER TRL.
	114.45	N 23°27'08.4" W	
DE12385	90.80 R	97+12.61	S. RIVER TRL.
	88.47	N 32°09'51.8" W	
DE12386	73.84 R	95+35.94	S. RIVER TRL.
	99.22	N 35°58'41.5" W	
DE12387	67.89 R	94+78.65	S. RIVER TRL.
	116.91	N 31°13'23.9" W	
DE12388	92.94 R	93+87.55	S. RIVER TRL.
	112.73	N 23°24'16.9" W	
DE12389	144.91 R	93+12.67	S. RIVER TRL.
	104.43	N 29°41'32.4" W	
DE12390	202.37 R	91+47.56	S. RIVER TRL.
	88.55	N 32°43'12.8" W	
DE12391	225.32 R	88+54.30	S. RIVER TRL.
	78.00	N 29°59'27.9" W	
DE12392	180.67 R	88+08.10	S. RIVER TRL.
	127.84	N 34°10'11.7" W	
DE12393	152.46 R	87+63.54	S. RIVER TRL.
	109.37	N 37°20'19.9" W	
DE12394	161.57 R	86+54.55	S. RIVER TRL.
	145.22	N 40°28'08.6" W	
DE14037	181.55 R	85+10.71	S. RIVER TRL.
	278.11	N 1°37'57.0" E	
DE13071	30.00 L	82+99.69	S. RIVER TRL.
REQD EASMT = 240175.76 SF			
REQD EASMT = 5.514 ACRES			
TOTAL LOT SIZE = +/- 15 ACRES			

****
PARCEL 7A REQ'D TEMP. EASM'T. 2 SEE SHEET 18
****

PNT	OFFSET/	STATION/	ALIGNMENT
DE13125	25.00 L	95+80.61	S. RIVER TRL.
DE13124	82.68 L	95+99.60	S. RIVER TRL.
DE13123	108.39 L	96+02.69	S. RIVER TRL.
DE13122	127.01 L	96+11.25	S. RIVER TRL.
DE13121	131.26 L	96+23.80	S. RIVER TRL.
DE13120	130.75 L	96+37.48	S. RIVER TRL.
DE13119	143.46 L	96+42.37	S. RIVER TRL.
DE13118	133.05 L	96+51.50	S. RIVER TRL.
DE13117	110.50 L	96+44.58	S. RIVER TRL.
DE13116	107.51 L	96+23.74	S. RIVER TRL.
DE13115	106.95 L	96+16.00	S. RIVER TRL.
DE13114	96.53 L	96+13.08	S. RIVER TRL.
DE13113	79.16 L	96+11.00	S. RIVER TRL.
DE13112	62.00 L	96+09.80	S. RIVER TRL.
DE13111	51.31 L	96+43.62	S. RIVER TRL.
DE13110	25.00 L	96+43.60	S. RIVER TRL.
ARC LENGTH = 80.48			
CHORD BEAR = N 46°11'04.0" W			
LNTH CHORD = 78.84			
RADIUS = 115.00			
DEGREE = 49°49'20.7"			
DE13125	25.00 L	95+80.61	S. RIVER TRL.
REQD EASMT AREA = 6029.06 SF			

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCEL 7A		
4-11-14	REVISED EASMT PARCEL 7A		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		
11-16-18	REVISED CURVE NUMBERS		

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 71
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 30 OF 33

DRAWING No. 60-0030

Parcel 7B REQ'D PERM. EASM'T. 1 SEE SHEET 19

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE13162	30.00 L	99+00.03	S. RIVER TRL.
	1.60	S 33°19'51.1" E	
DE13168	30.00 L	99+01.63	S. RIVER TRL.
ARC LENGTH = 33.87			
CHORD BEAR = S 49°30'12.0" E			
LNTH CHORD = 33.42			
RADIUS = 60.00			
DEGREE = 95°29'34.7"			
DE13167	30.00 L	99+52.44	S. RIVER TRL.
	29.33	S 65°40'33.0" E	
DE13166	30.00 L	99+81.77	S. RIVER TRL.
ARC LENGTH = 69.60			
CHORD BEAR = S 54°35'53.6" E			
LNTH CHORD = 69.17			
RADIUS = 180.00			
DEGREE = 31°49'51.6"			
DE13165	30.00 L	100+39.77	S. RIVER TRL.
	5.00	S 46°28'45.7" W	
DE13164	25.00 L	100+39.77	S. RIVER TRL.
	36.10	S 43°31'14.3" E	
DE13163	25.00 L	100+75.87	S. RIVER TRL.
	158.88	S 0°26'43.0" W	
DE14112	85.30 R	101+90.22	S. RIVER TRL.
	59.82	S 0°26'43.0" W	
DE14111	126.72 R	102+36.36	S. RIVER TRL.
	12.82	N 51°18'01.8" W	
DE12400	128.56 R	102+20.58	S. RIVER TRL.
	47.06	N 48°59'27.3" W	
DE12395	133.05 R	101+73.73	S. RIVER TRL.
	110.84	N 39°12'18.6" W	
DE12396	124.71 R	100+63.21	S. RIVER TRL.
	61.41	N 31°18'17.4" W	
DE12397	100.75 R	99+62.33	S. RIVER TRL.
	96.92	N 28°46'14.8" W	
DE12398	58.80 R	99+09.99	S. RIVER TRL.
	16.59	N 31°39'05.6" W	
DE12399	57.67 R	98+98.84	S. RIVER TRL.
	87.68	N 57°26'52.2" E	
DE13162	30.00 L	99+00.03	S. RIVER TRL.
REQD EASMT = 34123.81 SF			
REQD EASMT = 0.783 ACRES			
TOTAL LOT SIZE = +/- 3.0 ACRES			

Parcel 8 REQ'D PERM. EASM'T. 1 SEE SHEETS 19 & 20

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE13163	25.00 L	100+75.87	S. RIVER TRL.
	143.31	S 43°31'14.3" E	
DE13176	25.00 L	102+19.18	S. RIVER TRL.
	195.30	S 0°02'20.0" E	
DE14110	106.67 R	103+54.80	S. RIVER TRL.
	128.80	N 51°18'01.8" W	
DE14111	126.72 R	102+36.36	S. RIVER TRL.
	59.82	N 0°26'43.0" E	
DE14112	85.30 R	101+90.22	S. RIVER TRL.
	158.88	N 0°26'43.0" E	
DE13163	25.00 L	100+75.87	S. RIVER TRL.
REQD EASMT = 20690.08 SF			
REQD EASMT = 0.475 ACRES			
TOTAL LOT SIZE = +/- 0.66 ACRES			

Parcel 9 REQ'D PERM. EASM'T. 1 SEE SHEETS 19 & 20

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE13176	25.00 L	102+19.18	S. RIVER TRL.
	5.04	S 43°31'14.3" E	
DE13184	25.00 L	102+24.22	S. RIVER TRL.
ARC LENGTH = 25.45			
CHORD BEAR = S 42°07'54.4" E			
LNTH CHORD = 25.45			
RADIUS = 525.00			
DEGREE = 10°54'48.5"			
DE13183	25.00 L	102+48.46	S. RIVER TRL.
	53.05	S 40°44'34.5" E	
DE13182	25.00 L	103+01.51	S. RIVER TRL.
ARC LENGTH = 107.82			
CHORD BEAR = S 47°14'44.8" E			
LNTH CHORD = 107.59			
RADIUS = 475.00			
DEGREE = 12°03'44.2"			
DE13181	25.00 L	104+15.01	S. RIVER TRL.
	56.08	S 53°44'55.2" E	
DE13180	25.00 L	104+71.09	S. RIVER TRL.
	163.47	S 1°26'51.8" W	
DE14127	109.23 R	105+64.40	S. RIVER TRL.
	35.51	N 55°24'56.3" W	
DE14117	110.26 R	105+28.91	S. RIVER TRL.
	186.95	N 51°18'01.8" W	
DE14110	106.67 R	103+54.80	S. RIVER TRL.
	195.30	N 0°02'20.0" W	
DE13176	25.00 L	102+19.18	S. RIVER TRL.
REQD EASMT = 30837.98 SF			
REQD EASMT = 0.708 ACRES			
TOTAL LOT SIZE = +/- 1.3 ACRES			

Parcel 10 REQ'D PERM. EASM'T. 1 SEE SHEETS 20 & 21

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE13180	25.00 L	104+71.09	S. RIVER TRL.
	259.62	S 53°44'55.2" E	
DE13188	25.00 L	107+30.71	S. RIVER TRL.
	145.27	S 1°31'05.2" W	
DE14124	99.38 R	107+96.30	S. RIVER TRL.
	11.24	N 63°39'28.4" W	
DE14125	99.54 R	107+88.51	S. RIVER TRL.
	150.25	N 57°41'53.4" W	
DE14126	106.67 R	106+52.51	S. RIVER TRL.
	88.15	N 55°24'56.3" W	
DE14127	109.23 R	105+64.40	S. RIVER TRL.
	163.47	N 1°26'51.8" E	
DE13180	25.00 L	104+71.09	S. RIVER TRL.
REQD EASMT = 33329.24 SF			
REQD EASMT = 0.765 ACRES			
TOTAL LOT SIZE = +/- 2.0 ACRES			

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DATE	REVISIONS	DATE	REVISIONS
3-27-14	ADDED PARCELS 7A & 7B		
4-11-14	REVISED EASMT PARCELS 7A & 7B		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		
11-16-18	REVISED CURVE NUMBERS		

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 70 & 71
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 31 OF 33

DRAWING No.
60-0031

****
Parcel 11 REQ'D PERM. EASM'T. 1 SEE SHEETS 20,21 & 22
****

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE13188	25.00 L	107+30.71	S. RIVER TRL.
	26.03	S 53°44'55.2" E	
DE13197	25.00 L	107+56.74	S. RIVER TRL.
ARC LENGTH = 294.49			
CHORD BEAR = N 84°04'06.1" E			
LNTH CHORD = 268.60			
RADIUS = 200.00			
DEGREE = 28°38'52.4"			
DE13196	25.00 L	110+88.05	S. RIVER TRL.
	87.71	N 41°53'07.4" E	
DE13195	25.00 L	111+75.76	S. RIVER TRL.
ARC LENGTH = 30.27			
CHORD BEAR = N 37°32'57.7" E			
LNTH CHORD = 30.24			
RADIUS = 200.00			
DEGREE = 28°38'52.4"			
DE13194	25.00 L	112+09.81	S. RIVER TRL.
	50.04	N 33°12'48.0" E	
DE13193	25.00 L	112+59.85	S. RIVER TRL.
ARC LENGTH = 95.38			
CHORD BEAR = N 44°08'37.1" E			
LNTH CHORD = 94.81			
RADIUS = 250.00			
DEGREE = 22°55'05.9"			
DE13192	25.00 L	113+45.69	S. RIVER TRL.
	187.20	N 55°04'26.2" E	
DE13191	25.00 L	115+32.90	S. RIVER TRL.
	81.86	S 22°55'18.0" E	
DE14137	55.07 R	115+15.87	S. RIVER TRL.
	61.63	S 45°56'05.0" W	
DE14138	64.86 R	114+55.03	S. RIVER TRL.
	89.04	S 56°22'14.2" W	
DE14139	62.84 R	113+66.01	S. RIVER TRL.
	88.27	S 41°50'58.9" W	
DE14140	68.81 R	112+51.82	S. RIVER TRL.
	74.82	S 40°06'16.6" W	
DE14141	61.66 R	111+84.43	S. RIVER TRL.
	52.44	S 38°29'17.9" W	
DE14142	64.55 R	111+34.45	S. RIVER TRL.
	52.01	S 34°53'59.9" W	
DE14143	70.92 R	110+84.08	S. RIVER TRL.
	98.62	S 52°26'23.7" W	
DE14144	71.01 R	110+08.75	S. RIVER TRL.
	72.56	S 62°16'42.3" W	
DE14145	79.53 R	109+54.61	S. RIVER TRL.
	80.72	S 85°26'06.4" W	
DE14146	76.79 R	108+94.56	S. RIVER TRL.
	72.17	N 68°58'59.3" W	
DE14147	60.46 R	108+40.54	S. RIVER TRL.
	78.51	N 60°18'47.6" W	
DE14123	51.08 R	107+77.86	S. RIVER TRL.
	91.10	N 1°31'05.2" E	
DE13188	25.00 L	107+30.71	S. RIVER TRL.

REQD EASMT = 71933.00 SF
REQD EASMT = 1.651 ACRES
TOTAL LOT SIZE = +/- 7.7 ACRES

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Parcel 12 REQ'D PERM. EASM'T. 1 SEE SHEETS 21,22,23 & 24
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PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE13191	25.00 L	115+32.90	S. RIVER TRL.
	71.17	N 55°04'26.2" E	
DE13213	25.00 L	116+04.07	S. RIVER TRL.
ARC LENGTH = 168.68			
CHORD BEAR = N 86°15'01.3" E			
LNTH CHORD = 160.48			
RADIUS = 155.00			
DEGREE = 36°57'54.1"			
DE13212	25.00 L	117+45.54	S. RIVER TRL.
	5.00	N 27°25'36.4" E	
DE13211	30.00 L	117+45.54	S. RIVER TRL.
	176.81	S 62°34'23.6" E	
DE13210	30.00 L	119+22.35	S. RIVER TRL.
ARC LENGTH = 57.33			
CHORD BEAR = S 44°19'23.9" E			
LNTH CHORD = 56.37			
RADIUS = 90.00			
DEGREE = 63°39'43.1"			
DE13209	30.00 L	119+60.58	S. RIVER TRL.
	220.82	S 0°47'14.2" W	
DE14150	52.60 L	121+73.98	S. RIVER TRL.
	186.56	N 89°38'02.4" W	
DE14158	133.96 R	121+74.59	S. RIVER TRL.
	366.34	N 89°38'02.4" W	
DE14203	101.76 R	112+13.58	S. RIVER TRL.
	82.61	N 41°33'09.4" E	
DE14204	108.23 R	113+29.27	S. RIVER TRL.
	171.41	N 49°47'24.5" E	
DE14206	92.75 R	115+07.86	S. RIVER TRL.
	38.53	N 22°55'18.0" W	
DE14137	55.07 R	115+15.87	S. RIVER TRL.
	81.86	N 22°55'18.0" W	
DE13191	25.00 L	115+32.90	S. RIVER TRL.

REQD EASMT = 137005.04 SF
REQD EASMT = 3.145 ACRES
TOTAL LOT SIZE = +/- 9.2 ACRES

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DATE	REVISIONS	DATE	REVISIONS
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		
11-16-18	REVISED CURVE NUMBERS		

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 59 & 70
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 32 OF 33

DRAWING No.
60-0032

Parcel 13 REQ'D PERM. EASM'T. 1 SEE SHEETS 23 & 24

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE13209	30.00 L	119+60.58	S. RIVER TRL.
ARC LENGTH = 74.74			
CHORD BEAR = S 2°17'01.4" E			
LNTH CHORD = 72.61			
RADIUS = 90.00			
DEGREE = 63°39'43.1"			
DE13256	30.00 L	120+10.40	S. RIVER TRL.
	11.00	S 21°30'21.6" W	
DE12382	30.00 L	120+21.40	S. RIVER TRL.
	82.79	N 0°47'14.2" E	
DE13209	30.00 L	119+60.58	S. RIVER TRL.

REQD EASMT = 534.45 SF
REQD EASMT = 0.012 ACRES
TOTAL LOT SIZE = +/- 2.3 ACRES

Parcel 14 REQ'D PERM. EASM'T. 1 SEE SHEET 24

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE13204	25.00 L	121+74.07	S. RIVER TRL.
	180.00	S 0°33'11.8" W	
DE13223	25.00 L	123+54.07	S. RIVER TRL.
	160.02	N 89°38'02.4" W	
DE14155	135.02 R	123+54.59	S. RIVER TRL.
	62.31	N 6°57'53.3" W	
DE14160	143.17 R	122+92.82	S. RIVER TRL.
	92.17	N 2°23'50.0" E	
DE14159	140.21 R	122+00.70	S. RIVER TRL.
	26.85	N 14°00'05.7" E	
DE14158	133.96 R	121+74.59	S. RIVER TRL.
	158.96	S 89°38'02.4" E	
DE13204	25.00 L	121+74.07	S. RIVER TRL.

REQD EASMT = 29723.76 SF
REQD EASMT = 0.682 ACRES
TOTAL LOT SIZE = +/- 3.3 ACRES

Parcel 15 REQ'D PERM. EASM'T. 1 SEE SHEET 24

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE13223	25.00 L	123+54.07	S. RIVER TRL.
	50.38	S 0°33'11.8" W	
DE13225	25.00 L	124+04.45	S. RIVER TRL.
	141.64	N 89°30'00.0" W	
DE14172	116.64 R	124+04.58	S. RIVER TRL.
	52.68	N 19°46'33.9" W	
DE14173	134.94 R	123+55.18	S. RIVER TRL.
	0.60	N 6°57'53.3" W	
DE14155	135.02 R	123+54.59	S. RIVER TRL.
	160.02	S 89°38'02.4" E	
DE13223	25.00 L	123+54.07	S. RIVER TRL.

REQD EASMT = 7575.60 SF
REQD EASMT = 0.174 ACRES
TOTAL LOT SIZE = +/- 1.0 ACRES

Parcel 16 REQ'D PERM. EASM'T. 1 SEE SHEETS 24 & 25

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE13225	25.00 L	124+04.45	S. RIVER TRL.
	102.00	S 0°33'11.8" W	
DE13227	25.00 L	125+06.44	S. RIVER TRL.
	122.35	N 89°30'00.0" W	
DE14180	97.35 R	125+06.56	S. RIVER TRL.
	31.29	N 0°17'37.8" E	
DE14179	97.49 R	124+75.27	S. RIVER TRL.
	53.01	N 12°37'09.6" W	
DE14178	109.57 R	124+23.65	S. RIVER TRL.
	20.34	N 19°46'33.9" W	
DE14172	116.64 R	124+04.58	S. RIVER TRL.
	141.64	S 89°30'00.0" E	
DE13225	25.00 L	124+04.45	S. RIVER TRL.

REQD EASMT = 13101.47 SF
REQD EASMT = 0.301 ACRES
TOTAL LOT SIZE = +/- 1.1 ACRES

Parcel 17 REQ'D PERM. EASM'T. 1 SEE SHEET 25

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE13227	25.00 L	125+06.44	S. RIVER TRL.
	206.32	S 0°33'11.8" W	
DE13229	25.00 L	127+12.77	S. RIVER TRL.
	134.87	N 88°16'42.9" W	
DE14190	109.84 R	127+10.02	S. RIVER TRL.
	85.20	N 9°20'59.3" E	
DE14191	96.81 R	126+25.81	S. RIVER TRL.
	119.26	N 0°17'37.8" E	
DE14180	97.35 R	125+06.56	S. RIVER TRL.
	122.35	S 89°30'00.0" E	
DE13227	25.00 L	125+06.44	S. RIVER TRL.

REQD EASMT = 25557.21 SF
REQD EASMT = 0.587 ACRES
TOTAL LOT SIZE = +/- 2.0 ACRES

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2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DATE	REVISIONS	DATE	REVISIONS
4-11-14	REVISED EASMT PARCEL 17		
3-14-17	REVISED EASMT PARCEL 17		
6-07-17	CHANGE REQ'D. RIGHT OF WAY TO PERM. EASM'T.		
11-16-18	REVISED CURVE NUMBERS		

DEKALB COUNTY
CITY OF ATLANTA & PATH FOUNDATION

RIGHT OF WAY MAP

PROJECT NO: 0009029
COUNTY: DEKALB
LAND LOT NO: 59 & 70
LAND DISTRICT: 15
GMD: 536
DATE: 03-30-18 SH 33 OF 33

DRAWING No.
60-0033