DATE$$$ $USER$	$PRF8$ $$PENTABLE$$	DGN GRWCOV	STATE GA	PROJECT NUMBER

ATLANTA BELTLINE

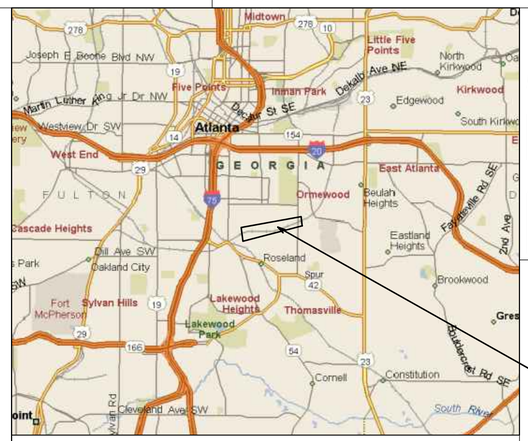
SOUTHSIDE TRAIL (SEGMENT 3)
FULTON COUNTY

PRELIMINARY PLANS

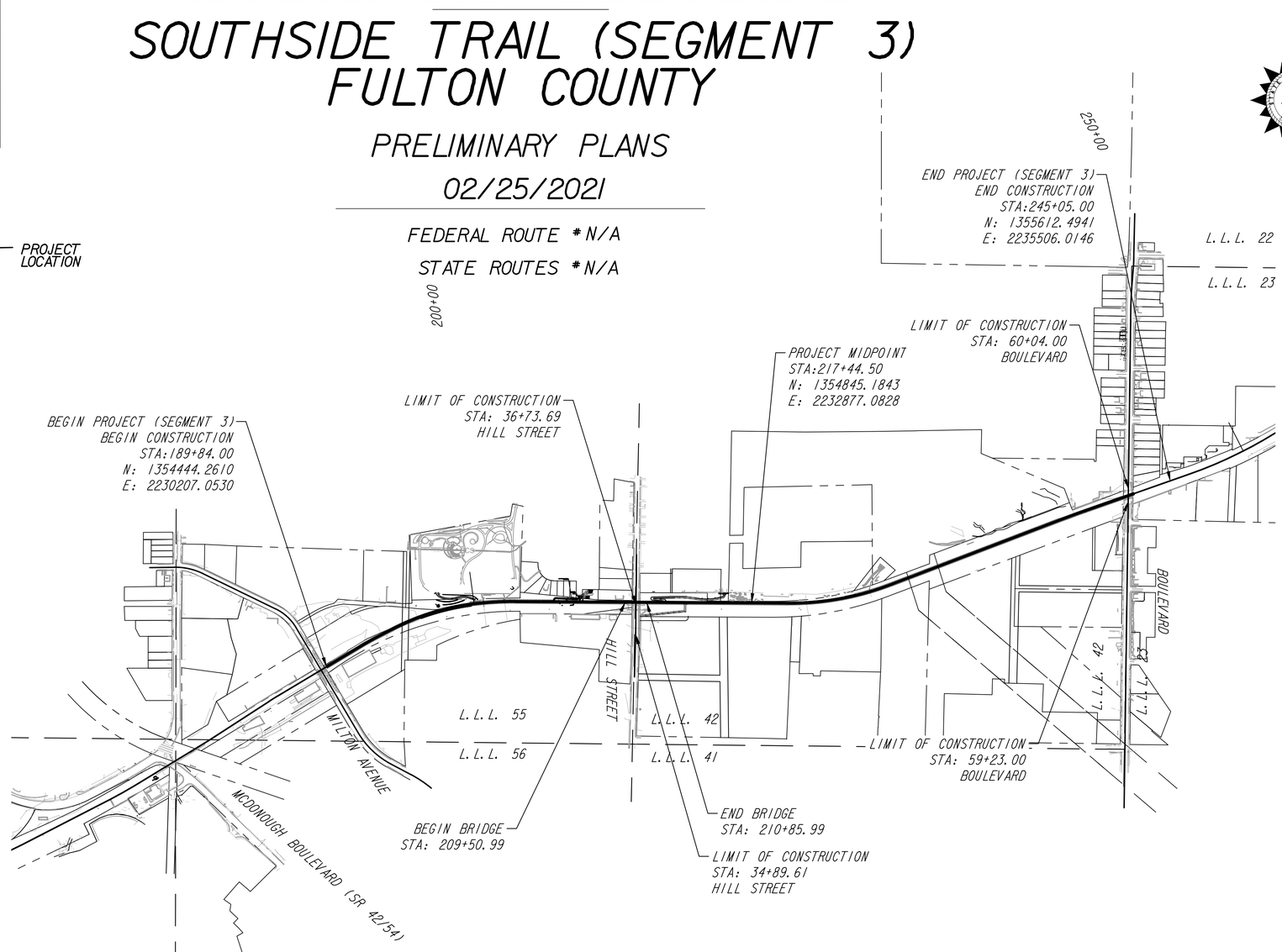
02/25/2021

FEDERAL ROUTE # N/A

STATE ROUTES # N/A



LOCATION SKETCH



DESIGN DATA:	
TRAFFIC A.D.T.:	N/A
TRAFFIC A.D.T.:	N/A
TRAFFIC D.H.V.:	N/A
DIRECTIONAL DIST:	N/A
% TRUCKS:	N/A
24 HR. TRUCKS %:	N/A
SPEED DESIGN:	20 MPH (MAINLINE TRAIL)
SPEED DESIGN:	12 MPH (SIDE TRAIL CONNECTIONS)

LOCATION & DESIGN APPROVAL DATE:

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

FUNCTIONAL CLASS: MULTI-USE TRAIL

PROJECT DESIGNATION: EXEMPT

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

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

A NOTICE OF INTENT IS REQUIRED FOR THIS PROJECT; THE DISTURBED AREA IS 13.0 ACRES. THE PROJECT INVOLVES INSTALLATION OF PAVED MULTI-USE TRAIL, PEDESTRIAN RAMP ACCESS POINTS, DRAINAGE STRUCTURES, SIDEWALKS, CURB RAMPS AND STRIPING CROSSWALKS.

THIS PROJECT CONTAINS POST CONSTRUCTION BMP'S.

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 THE CITY OF ATLANTA IN ANY WAY. THE ATTENTION OF BIDDER IS SPECIFICALLY DIRECTED TO SUBSECTIONS 102.04, 102.05, AND 104.03 OF THE SPECIFICATIONS.

LENGTH OF PROJECT	FULTON CO COUNTY No. 121 Project No. 0009397
	MILES
NET LENGTH OF TRAIL	1.020
NET LENGTH OF BRIDGES	0.026
NET LENGTH OF PROJECT	1.046
NET LENGTH OF EXCEPTIONS	0.000
GROSS LENGTH OF PROJECT	1.046

Kimley»Horn

Engineering, Planning, and Environmental Consultants
817 W. Peachtree Street, NW
Atlanta, Georgia 30308

SCALE IN FEET

0 400 800 1600

PREPARED BY: KIMLEY-HORN AND ASSOCIATES, INC.

PLANS COMPLETED : 02/25/2021	
REVISIONS	

DRAWING No. 01-001

COVCOV

5/20/2011

DWG NO.	INDEX	REVISION DATE
01-001	COVER	
02-001	INDEX	
03-001	REVISION SUMMARY SHEET	
04-001 TO 04-002	GENERAL NOTES	
05-001 TO 05-003	TYPICAL SECTIONS	
11-001 TO 11-003	CONSTRUCTION LAYOUT	
13-001 TO 13-012	MAINLINE PLAN	
13-100 TO 13-110	CROSSROAD PLAN	
15-001 TO 15-002	MAINLINE PROFILE	
16-100	CROSSROAD PROFILE	
18-001 TO 18-040 ALT	SPECIAL GRADING SHEETS	
22-001 TO 22-004	DRAINAGE PROFILES & CROSS SECTIONS	
23-001 TO 23-047	MAINLINE EARTHWORK CROSS SECTIONS	
23-048 TO 23-049	CROSSROAD EARTHWORK CROSS SECTIONS	
24-000 TO 24-201	UTILITY PLAN SHEETS	
25-000 TO 25-301	LIGHTING PLAN SHEETS	
26-100 TO 26-110	SIGNING AND MARKING SHEETS	
27-001 TO 27-003	TRAFFIC SIGNAL SHEETS	
29-000 TO 29-012	PLANTING PLAN SHEETS	
31-001 TO 31-003	RETAINING WALL ENVELOPES	
32-001 TO 32-103	SPECIAL DESIGN WALL ENVELOPES	
35-001 TO 35-015	BRIDGE LAYOUT SHEETS	
38-000 TO 38-403 ALT	SPECIAL CONSTRUCTION DETAILS	
50-001	ESPCP COVER	
51-001 TO 51-006	ESPCP GENERAL NOTES	
52-001	CONSTRUCTION DETAIL (EC-L1) - EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (SHEET 1 OF 7)	03/2017
52-002	CONSTRUCTION DETAIL (EC-L2) - EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (SHEET 2 OF 7)	11/2018
52-003	CONSTRUCTION DETAIL (EC-L3) - EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (SHEET 3 OF 7)	03/2017
52-004	CONSTRUCTION DETAIL (EC-L4) - EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (SHEET 4 OF 7)	03/2017
52-005	CONSTRUCTION DETAIL (EC-L5) - EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (SHEET 5 OF 7)	03/2017
52-006	CONSTRUCTION DETAIL (EC-L6) - EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (SHEET 6 OF 7)	11/2018
52-007	CONSTRUCTION DETAIL (EC-L7) - EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (SHEET 7 OF 7)	03/2017
53-001	DRAINAGE MAP	
54-001 TO 54-024	BMP LOCATION DETAILS	
55-001	WATERSHED & SITE MONITORING MAP	
	CONSTRUCTION DETAILS	
A-3	CONSTR. DETAIL (A-3)-CONCRETE SIDEWALK DETAILS CURB CUT (WHEELCHAIR) RAMPS	09/2016
A-4	CONSTR. DETAIL (A-4)-DETECTABLE WARNING SURFACE TRUNCATED DOME SIZE, SPACING AND ALIGNMENT REQUIREMENTS	06/2009
D-18	CONSTR. DETAIL (D-18)-REINFORCED CONCRETE SADDLE FOR PIPE CULVERTS	06/1976
D-22A	CONSTR. DETAIL (D-22A)-TEMPORARY SEDIMENT BASIN (SHEET 1 OF 2)	11/2018

DWG NO.	CONSTRUCTION DETAILS (CONTINUED)	REVISION DATE
D-22B	CONSTR. DETAIL (D-22B)-TEMPORARY SEDIMENT BASIN (SHEET 2 OF 2)	11/2018
D-24A	CONSTR. DETAIL (D-24A)-TEMPORARY SILT FENCE (SHEET 1 OF 4)	01/2011
D-24B	CONSTR. DETAIL (D-24B)-TEMPORARY SILT FENCE BERM DITCH, INSTALLATION, BRUSH BARRIER (SHEET 2 OF 4)	01/2011
D-24C	CONSTR. DETAIL (D-24C)-TEMPORARY SILT FENCE J-HOOKS, INLET SEDIMENT TRAPS (SHEET 3 OF 4)	01/2011
D-24D	CONSTR. DETAIL (D-24D)-TEMPORARY SILT FENCE FABRIC CHECK DAM (SHEET 4 OF 4)	07/2015
D-33B	CONSTR. DETAIL (D-33B)-TYPE "V" INLET; "V" GUTTER DETAILS WITH BICYCLE-SAFE GRATE	08/2013
D-34	CONSTR. DETAIL (D-34)-PIPE/BOX CULVERT COLLAR CONNECTION DETAIL	03/1988
D-35	CONSTR. DETAIL (D-35)-PERMANENT SOIL REINFORCING MAT (TURF REINFORCING MAT) INSTALLATION ON DITCHES	01/2011
D-41	CONSTR. DETAIL (D-41)-CONSTRUCTION EXIST	04/2018
D-42	CONSTR. DETAIL (D-42)-INLET SEDIMENT TRAPS	05/2008
D-44	CONSTR. DETAIL (D-44)-RETROFITTING STRUCTURE FOR TEMPORARY SEDIMENT FILTER- PERFORATED HALF-ROUND PIPE WITH STONE FILTER	04/2016 07/2018
D-45	CONSTR. DETAIL (D-45)-RETROFITTING STRUCTURE FOR TEMPORARY SEDIMENT FILTER- SLOTTED BOARD DAM WITH STONE FILTER	 07/2018
D-46	CONSTR. DETAIL (D-46)-STONE FILTER RING	07/2018
D-49	CONSTR. DETAIL (D-49)-DITCH BACK OF RETAINING WALL SWALE DITCHES;RIP RAP DITCH	02/2011
D-55A	CONSTR. DETAIL (D-55A)-RIPRAP OUTLET PROTECTION (SHEET 1 OF 2)	04/2016
D-55B	CONSTR. DETAIL (D-55B)-RIPRAP OUTLET PROTECTION (SHEET 2 OF 2)	04/2016
D-56	CONSTR. DETAIL (D-56)-STONE RIPRAP AND SAND BAG TEMPORARY CHECK DAMS	11/2018
T-1	CONSTR. DETAIL (T-1)-SIGN PLATES	01/2000
T-2	CONSTR. DETAIL (T-2)-DETAILS FOR TYPICAL FRAMING	03/2000
T-3A	CONSTR. DETAIL (T-3A)-TYPE 7,8 AND 9 SQUARE TUBE POST INSTALLATION DETAIL	07/2002
T-3B	CONSTR. DETAIL (T-3B)-DETAILS OF SQUARE TUBE POST (BREAKAWAY SUPPORT)	07/2002
T-11A	CONSTR. DETAIL (T-11A)-DETAILS OF PAVEMENT MARKING PLACEMENT ON NON-LIMITED ACCESS ROADWAY	09/2016
T-14	CONSTR. DETAIL (T-14)-DETAILS OF PAVEMENT MARKING HATCHING	11/2008
T-15C	CONSTR. DETAIL (T-15C)-DETAILS OF RAISED PAVEMENT MARKERS	09/2011
T-20	CONSTR. DETAIL (T-20)-TRAFFIC CONTROL PEDESTRIAN ACCESSIBILITY AROUND WORKZONE- SIDEWALK DIVERSION	10/2008
T-21	CONSTR. DETAIL (T-21)-TRAFFIC CONTROL PEDESTRIAN ACCESSIBILITY AROUND WORKZONE- SIDEWALK DETOUR	10/2008
T-22	CONSTR. DETAIL (T-22)-TRAFFIC CONTROL PEDESTRIAN ACCESSIBILITY AROUND WORKZONE- MIDBLOCK CROSSING AND SIDEWALK DETOUR	 10/2008
TS-02	CONSTR. DETAIL (TS-02)-PULLBOX ASSEMBLY AND INSTALLATION	04/2010
TS-03A	CONSTR. DETAIL (TS-03A)-PEDESTRIAN FACILITIES INSTALLATION DETAILS	04/2010
TS-08	CONSTR. DETAIL (TS-08)-UTILITY CLEARANCE DETAIL	04/2010
	GEORGIA STANDARDS	
1011AP	GA. STD. 1011AP-PRECAST REINFORCED CONCRETE MANHOLE	06/1975
1019A	GA. STD. 1019A-DROP INLETS	08/1999
1030P	GA. STD. 1030P-THERMOPLASTIC PIPE	11/2019
1033F	GA. STD. 1030F-CATCH BASINS (FOR USE WITH HEADER OR INTEGRAL CURBS, 4", 6", 8" OR 10" HT.)	08/1982
1120	GA. STD. 1120-FLARED END SECTIONS FOR PIPES	06/2006
1401	GA. STD. 1401-PAVEMENT PATCHING DETAILS (STORN DRAIN OR UTILITY INSTALLATIONS BY OPEN CUT ACROSS EXISTING PAVEMENT	 08/1999
3901	GA. STD. 3901-BAR BENDING DETAILS	08/1969
9031L	GA. STD. 9031L-GRAVITY WALL TYPICAL SECTIONS, RAISING HEADWALL, AND TYPICAL PIPE PLUG	09/2016
9031N	GA. STD. 9031N-CHAIN-LINK WIRE FENCE	08/1985
9031S	GA. STD. 9031S-MEDIAN DROP INLET (PRECAST OR BUILT-IN-PLACE) AND CONCRETE APRON	04/1996
9031U	GA. STD. 9031U-JUNCTION BOXES (PRECAST OR BUILT-IN-PLACE) PIPE COLLARS, PIPE ELBOWS, AND PIPE CURVED ALIGNMENT	 07/1985
9032B	GA. STD. 9032B-CONCRETE CURB AND GUTTER, CONCRETE CURBS, CONCRETE MEDIANS	02/2020
9100	GA. STD. 9100-TRAFFIC CONTROL GENERAL NOTES, STANDARD LEGEND, AND MISCELLANEOUS DETAILS	03/2006
9107	GA. STD. 9107-TRAFFIC CONTROL DETAIL FOR LANE CLOSURE ON MULTI-LANE UNDIVIDED HIGHWAY	03/2006
	GEORGIA STANDARDS AND CONSTRUCTION DETAILS REQUIRED FOR THIS PROJECT ARE LISTED IN THE INDEX WITH	
	THE LATEST REVISION DATES BUT ARE NOT INCLUDED AS PART OF THE PLANS. THE CONTRACTOR SHALL BE	
	RESPONSIBLE FOR OBTAINING THE STANDARDS AND CONSTRUCTION DETAILS SHOWN IN THE INDEX AND	
	MAINTAINING ON THE PROJECT SITE. FULL SIZE PRINTS MAY BE PURCHASED BY THE CONTRACTOR FROM THE	
	GEORGIA DEPARTMENT OF TRANSPORTATION.	

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ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

NOT TO SCALE

REVISION DATES

INDEX

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		02-001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

DATE	DRAWING NO.	REVISION

DATE	DRAWING NO.	REVISION

ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
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817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

NOT TO SCALE

REVISION DATES

REVISION SUMMARY

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		03-001
VERIFIED:		DATE:		

PROJECT NOTES

1. A NOTICE OF INTENT IS REQUIRED FOR THIS PROJECT. THE DISTURBED AREA IS ±13.0 ACRES. THE PROJECT INVOLVES INSTALLATION OF TRAIL AND CURB RAM.PS AND STRIPING CROSSWALKS. THEREFORE, NET GAIN IN IMPERVIOUS IS 4.10 ACRES.

2. THE CONTRACTOR SHALL CONTACT THE PROPER LOCAL AUTHORITIES OR RESPECTIVE UTILITY COMPANY TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. ANY DAMAGE DUE TO FAILURE OF THE CONTRACTOR TO CONTACT THE PROPER AUTHORITIES SHALL BE BORNE BY THE CONTRACTOR.

3. THERE IS NO SUITABLE PLACE TO BURY EXISTING CONSTRUCTION DEBRIS AND DISPOSE OF EXISTING BRIDGE AND CONSTRUCTION DEBRIS WITHIN THE PROJECT'S LIMITS. THE CONTRACTOR SHALL PROVIDE AN ENVIRONMENTALLY APPROVED SITE TO DISPOSE OF EXISTING CONSTRUCTION DEBRIS AT NO ADDITIONAL COST TO ATLANTA BELTLINE, INC., THE DEPARTMENT OR CITY OF ATLANTA.

4. ALL BORROW AND WASTE SITES FOR THIS PROJECT SHALL BE ENVIRONMENTALLY APPROVED PRIOR TO CONSTRUCTION ACTIVITIES OCCURRING IN THEM. ALL COMMON FILL OR EXCESS MATERIAL DISPOSED OUTSIDE THE PROJECT RIGHT OF WAY SHALL BE PLACED IN EITHER A PERMITTED SOLID WASTE FACILITY, A PERMITTED INERT WASTE LANDFILL OR IN AS ENGINEERED FILL. SEE SECTION 201 OF THE STANDARD SPECIFICATION AND SUPPLEMENTS THERETO FOR ADDITIONAL INFORMATION. ANY CONTAMINATED SOIL EXCAVATED DURING CONSTRUCTION ACTIVITIES ALONG THE PROJECT MUST BE DISPOSED OF AT A PERMITTED LINED MUNICIPAL SOLID WASTE LANDFILL.

5. AT ALL LOCATIONS WHERE EXISTING CURB, SIDEWALK OR PAVEMENT ABUT NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAWCUT TO A CLEAN, SMOOTH EDGE, TO BE PAID FOR BY GRADING COMPLETE.

6. THE COST OF SAW CUTTING ASPHALTIC CONCRETE AND/OR CONCRETE SHALL BE INCLUDED IN THE OVERALL BID PRICE FOR GRADING COMPLETE.

7. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL CONDITIONS TO THE ENGINEER PRIOR TO STARTING WORK.

8. ALL ADA RAMPS AND SIDEWALK WITHIN THE INTERSECTION RADII ARE TO BE 8 INCH CONCRETE. THE COST FOR ADA RAMPS INCLUDING DETECTABLE WARNING STRIPS SHALL BE INCLUDED IN THE PRICE BID FOR 8 INCH CONCRETE SIDEWALK.

9. ALL SIGNS WITHIN PROJECT LIMITS WILL BE REPLACED AS SHOWN ON THE SIGNING AND MARKING PLANS.

10. FINISH GRADES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL NEW SIDEWALK AND TRAIL AREAS ARE GRADED TO DRAIN, EITHER TO EXISTING OR NEW STRUCTURES. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL ACCESSIBILITY CODES.

11. NO BURNING OF MATERIALS WILL BE ALLOWED ON SITE.

12. ALL MINOR UTILITY STRUCTURES, SUCH AS VALVES, METERS, FIRE HYDRANTS AND MANHOLES, WILL BE ADJUSTED TO FINAL GRADE AND WILL BE PAID FOR UNDER" ADJUST MINOR STRUCTURES TO GRADE."

13. ALL EXISTING DRAINAGE STRUCTURES ARE TO BE RETAINED UNLESS MARKED OTHERWISE ON THE PLANS.

14. ALL EXISTING DRAINAGE STRUCTURES ARE TO BE CLEANED OUT PRIOR TO CONSTRUCTION AND KEPT FREE OF DEBRIS.

15. ALL PROPOSED STORM DRAINAGE PIPES FOR CONVEYANCE SHALL BE REINFORCED CONCRETE. UNDERGROUND STORAGE AND INFILTRATION STORM DRAINAGE PIPES ARE TO BE CONTRACTOR-DESIGNED.

16. CONTRACTOR SHALL SURVEY AND STAKE EXISTING PROPERTY LINES IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION.

17. CONTRACTOR SHALL USE PHOTOGRAPHS OR VIDEO RECORDINGS TO DOCUMENT EXISTING CONDITIONS OF ADJACENT PROPERTY PRIOR TO CONSTRUCTION. FEATURES TO BE DOCUMENTED INCLUDE BUILDING STRUCTURES, WALLS, FENCES, SIGNIFICANT LANDSCAPING FEATURES. ACCESS TO PRIVATE PROPERTY SHALL BE COORDINATED WITH ATLANTA BELTLINE, INC..

18. POST INSTALLATION INSPECTION WILL BE PERFORMED ON ALL STORM DRAIN PIPE AND A MINIMUM OF 10% OF SIDE DRAIN PIPE, PER GDOT STANDARD SPECIFICATIONS SECTION 550. VIDEO AND LASER PROFILING AND MEASUREMENT TECHNOLOGY MUST BE CERTIFIED BY THE COMPANY PERFORMING THE WORK TO MEET THE REQUIREMENTS OF GDT 136.

19. POTENTIAL SHORING HAS BEEN SHOWN SCHEMATICALLY IN THE PLANS IN SELECT LOCATIONS. SHORING MAY BE NECESSARY ELSEWHERE ON THE PROJECT BASED ON CONTRACTOR MEANS AND METHODS.

20. NO SEPARATE PAYMENT WILL BE MADE FOR TEMPORARY DRAINAGE ITEMS. COST WILL BE INCLUDED IN OVERALL BID SUBMITTED.

21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING SOIL PREPARATION: "LOOSEN SUBGRADE OF PLANTING AREAS TO A MINIMUM DEPTH OF 12 INCHES. CLEAN SOIL OF ROOTS, PLANTS, SOD, STONES >1" DIAMETER, CLODS, CLAY LUMPS, POCKETS OF COARSE SAND, CONCRETE SLURRY, CONCRETE LAYERS OR CHUNKS, STONE BALLAST AND ALL RAILROAD BASE COURSES TO FULL DEPTH, CEMENT, PLASTER, BUILDING DEBRIS, AND OTHER EXTRANEOUS MATERIALS HARMFUL TO PLANT GROWTH. THE CONTRACTOR SHALL CONSULT WITH THE PLANTING CONTRACTOR AND ENGINEER BEFORE LOOSENING THE SUBGRADE AS OUTLINED IN THIS SPECIFICATION."

    INSTALLATION OF PLANT MATERIAL DOCUMENTED IN THE 29-SERIES SHEETS IS TO BE CONDUCTED BY OTHERS UNDER A SEPARATE CONTRACT WITH THE ATLANTA BELTLINE. SOIL TESTING, INCORPORATION OF SOIL AMENDMENTS, AND FINISH GRADING FOR PLANTING AREAS AS OUTLINED IN SPECIAL PROVISION 702 SHALL BE CONDUCTED BY THE PLANTING CONTRACTOR.

22. ALL RESIDENTIAL FENCE STATIONS, OFFSETS AND LENGTHS ARE LOCATED IN THE PLANS. CONTRACTOR IS TO COORDINATE FENCE TYPE WITH THE ENGINEER AND PROPERTY OWNER.

23. THE CONTRACTOR WILL COORDINATE WITH MARTA REGARDING TEMPORARY IMPACTS TO BUS STOP LOCATIONS.

24. THIS PROJECT CONTAINS POST CONSTRUCTION BMP'S.

25. IF POST CONSTRUCTION STORMWATER BMP CANNOT BE BUILT WITHIN THE TOLERANCES ALLOWED, THE CONSTRUCTION PROJECT MANAGER SHALL NOTIFY THE OFFICE OF PROGRAM DELIVERY PROJECT MANAGER AND AREA ENGINEER. MODIFICATION MUST BE APPROVED BY THE GDOT OFFICE OF DESIGN POLICY AND SUPPORT PRIOR TO THE INSTALLATION.

26. THE COST FOR ANY REQUIRED TEMPORARY SHORING SHALL BE INCLUDED IN GRADING COMPLETE.

27. INSTALLATION OF PLANT TOPSOIL AND PERMANENT LANDSCAPING MAY NOT PROCEED UNTIL CONFIRMATION SAMPLING FOR CONTAMINATED SOILS IS COMPLETE.

28. DRIVEWAYS, WHERE ACCESS IS ALLOWED, SHALL BE PLACED AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH RULES AND REGULATIONS FOR CONTROL AND PROTECTION OF CITY RIGHTS-OF-WAY. ALL DRIVEWAYS THAT ARE TO BE RECONSTRUCTED SHALL BE REPLACED IN KIND, I.E., ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE, AND ASPHALT SURFACE COURSE FOR EARTH. THE DRIVEWAY LOCATIONS INDICATED ON THE PLANS ARE FROM THE BEST AVAILABLE THE CONTRACTOR SHALL CONSTRUCT NEW DRIVEWAYS TO MATCH THE ACTUAL FIELD LOCATION OF EXISTING DRIVEWAYS WHERE THEY ARE NOT IN CONFLICT WITH THE RULES AND REGULATIONS. THE CONTRACTOR SHALL OBTAIN APPROVAL OF THE ENGINEER PRIOR TO MAKING ANY REVISIONS SUCH AS TO LOCATION, WIDTH AND/OR NUMBER OF DRIVES TO BE CONSTRUCTED.

WHERE REQUIRED THE DRIVES SHALL BE PAVED AS FOLLOWS:

ASPHALTIC DRIVES:

RESIDENTIAL:
- RECYCLED ASPH. CONC. 12.5 mm SUPERPAVE GP 2 ONLY (INCL BITUM MATL AND H LIME) (165 LB/SY)
- 6" GRADED AGGREGATE BASE

COMMERCIAL:
- RECYCLED ASPH. CONC. 12.5 mm POLYMER-MODIFIED SUPERPAVE GP 2 ONLY (INCL BITUM MATL AND H LIME) (165 LB/SY)
- RECYCLED ASPH. CONC. 19 mm SUPERPAVE (220 LB/SY)
- 8" GRADED AGGREGATE BASE

CONCRETE DRIVES:

RESIDENTIAL:
- 6" CONCRETE VALLEY GUTTER
- 6" CONCRETE DRIVEWAY

COMMERCIAL:
- 8" CONCRETE VALLEY GUTTER
- 8" CONCRETE DRIVEWAY

UTILITY OWNERS

FACILITY	OWNER
PHONE	AT&T
GAS	ATLANTA GAS LIGHT COMPANY
FIBER	CHARTER
WATER	CITY OF ATLANTA
SEWER	CITY OF ATLANTA
ELECTRIC-OVHD	GEORGIA POWER - DISTRIBUTION
ELECTRIC-UG	GEORGIA POWER - DISTRIBUTION
ELECTRIC-OVHD	GEORGIA POWER - TRANSMISSION
ELECTRIC-UG	GEORGIA POWER - TRANSMISSION
ELECTRIC-OVHD	MEAG POWER
ELECTRIC-UG	MEAG POWER
RAILROAD	NORFOLK SOUTHERN FIBER OPTICS
PHONE	ZAYO
PHONE	VERIZON
PHONE	SPRINT

SIGNING AND MARKING NOTES

1. ALL STANDARD SIGNS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE DETAILS SHOWN IN THE PLANS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND THE GEORGIA SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND/OR SPECIAL PROVISIONS.

2. SIGN ERECTION STATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS WHERE NECESSARY, BUT SHALL BE WITHIN THE LIMITATIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION. NO SIGN LOCATION SHALL BE CHANGED BY THE CONTRACTOR OR BY THE PROJECT ENGINEER WITHOUT PRIOR APPROVAL FROM THE OFFICE OF TRAFFIC OPERATIONS.

3. ALL STANDARD HIGHWAY SIGNS SHALL BE ERECTED AT A HEIGHT OF 7 FEET ABOVE THE NORMAL EDGE OF PAVEMENT TO THE BOTTOM OF THE SIGN OR ASSEMBLY. IF THE SIDEWALK IS PROPOSED OR EXISTING, THE SIGNS SHALL BE ERECTED AT A HEIGHT OF 7 FEET ABOVE THE SIDEWALK.

4. HORIZONTAL CLEARANCE FOR TRAIL SIGNS SHALL BE 3 FEET FROM THE EDGE OF THE TRAIL PAVING TO THE NEARER EDGE OF THE SIGN(S), UNLESS SPECIFIED OTHERWISE IN THE PLANS.

5. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON ALL OTHER ROADWAYS SHALL BE 6 FEET FROM THE EDGE OF THE PAVED SHOULDER OR 12 FEET FROM THE NORMAL EDGE OF PAVEMENT TO THE NEARER EDGE OF THE SIGN(S), WHICHEVER IS GREATER. THE HORIZONTAL CLEARANCE IN NON-MOUNTABLE CURB SECTIONS SHALL BE AT LEAST 2 FEET FROM THE CURB FACE TO THE NEARER EDGE OF THE SIGN(S).

6. SIGN ASSEMBLIES SHALL BE MOUNTED ON ALUMINUM OR GALVANIZED STEEL STRAP FRAMES. FOR DETAILS AND STRAP SPECIFICATIONS REFER TO SIGN ASSEMBLY-TYPICAL FRAMING DETAILS.

7. TYPE 9 (VERY HIGH INTENSITY) REFLECTIVE SHEETING SHALL BE USED FOR ALL STANDARD HIGHWAY SIGNS REQUIRING REFLECTORIZED BACKGROUNDS EXCEPT AS SPECIFIED BELOW OR SPECIFIED OTHERWISE IN THE PLANS. EITHER CLASS 1 OR CLASS 2 ADHESIVE BACKING IS PERMISSIBLE.

8. TYPE 11 (VERY HIGH INTENSITY) REFLECTIVE SHEETING SHALL BE USED FOR ALL RED SERIES SIGNS (R1-1, R1-2, R1-3P, R5-1, R5-1A, R5-1B).

9. TYPE 11 (VERY HIGH INTENSITY) FLUORESCENT REFLECTIVE SHEETING SHALL BE USED FOR ALL WARNING SIGNS.

10. TYPE 11 (VERY HIGH INTENSITY) FLUORESCENT YELLOW GREEN REFLECTIVE SHEETING SHALL BE USED FOR SCHOOL ZONE (S1-1, S2-1, S3-1, S4-3, AND THE TOP PORTION OF THE S5-1) SIGNS. ALL REGULATORY SIGNS WITHIN THE SCHOOL ZONE SHALL HAVE TYPE 9 (VERY HIGH INTENSITY) REFLECTIVE SHEETING.

11. A 1/2 INCH MINIMUM AIR SPACE SHALL BE REQUIRED BETWEEN ALL SIGN PLATES WITHIN AN ASSEMBLY.

12. WHERE SIGNS WITHIN AN ASSEMBLY EXTEND BELOW THE STANDARD MOUNTING HOLES ON THE POST(S), ADDITIONAL 3/8 INCH DIAMETER HOLE(S), DRILLED OR PUNCHED, SHALL BE REQUIRED TO PROPERLY MOUNT THE ASSEMBLY.

13. ALL INTERSTATE, U.S., AND GEORGIA SHIELD REQUIRING ALT, BUS, CONN, LOOP, OR SPUR SHALL USE 4 INCH SERIES "D" LETTERS. REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, FOR DETAILS.

14. REFER TO PLAN SHEETS FOR LOCATION OF THE DISTRICT ENGINEERS OFFICE TO BE SHOWN ON ALL R552-1 (LIMITED ACCESS) SIGNS IN THIS PROJECT, IF ANY.

15. THE CONTRACTOR WILL, AS REQUESTED BY THE DISTRICT TRAFFIC OPERATIONS ENGINEER, BE REQUIRED TO REMOVE ANY EXISTING SIGNS THAT ARE DUPLICATED OR ARE CONTRARY TO THESE SIGN PLANS.

GEORGIA811 Utilities Protection Center, Inc
Know what's below. Call before you dig.

Atlanta BeltLine
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

REVISION DATES

GENERAL NOTES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		04-001
VERIFIED:		DATE:		

ENVIRONMENTAL RESOURCES IMPACT TABLE							
Resource Name		Location			Permitted Construction Activity	Special Provision?	Comments
		Beg. STA	End STA	Side			
A-1	Intermittent Stream (IS) 0	226+20	227+85	LT	No Activity	N/A	See Note 1 to the right
A-2	IS 0 Buffer	226+20	227+85	LT	No Activity	N/A	See Note 1 to the right
A-3	Wetland (WL) 1	226+80	230+65	LT	No activity	N/A	See Note 1 to the right
A-4	Perennial Stream (PS) 2	230+00	231+75	LT	No activity	N/A	See Note 1 to the right
A-5	PS 2 Buffer	230+00	231+75	LT	Activities within 50 ft of the proposed culvert are exempt	N/A	See Note 1 to the right
A-6	Wetland (WL) 2A	230+75	232+80	LT	No activity	N/A	See Note 1 to the right
A-7	Intermittent Stream (IS) 3	232+25	236+00	LT	No Activity	N/A	See Note 1 to the right
A-8	IS 3 Buffer	232+25	236+00	LT	Activities within 50 ft of the proposed culvert are exempt	N/A	See Note 1 to the right
A-18	Historic Railroad Resources – BeltLine Railway	189+84	245+05	LT/RT	New trail construction and associated design features including pedestrian bridges, trail access ramps, retaining walls, and drainage ditches	N/A	See Notes 2, 3, 4, 5, and 6 to the right
A-20	Grady Substation	225+25	238+65	LT	No activity	N/A	See Notes 2 and 3 to the right
A-23	Expanded Grant Park Historic District	242+75	245+05	LT	No Activity	N/A	See Notes 2 and 3 to the right
A-29	Potential UST Site Parcel 67 (72, 78, & 80 Milton Avenue SE)	189+84	196+00	LT	Construction of New Trail	N/A	See Notes 2, 3, 4, and 5 to the right
A-30	Potential UST Site Parcel 74 (360/1110 Hill Street &1146 Englewood Avenue)	211+00	213+70	RT	Construction of New Ramp	N/A	See Notes 2, 3, 4, and 5 to the right
A-31	Potential UST Site Parcel 14 004200080193 (460 Englewood Avenue)	225+50	228+70	RT	No Activity	N/A	See Notes 2 and 3 to the right
A-36	Resource 2	199+50	202+50	RT	No Activity	N/A	In accordance with Specification 107.23F, Resource 2 is designated an ESA. This resource is located on the south side of the project corridor approximately 1,000 feet east of Milton Avenue, roughly corresponding with mainline Station 199+50. The Contractor shall install, maintain, and replace as necessary orange barrier fence at ESA-Resource 2 pursuant to Specification 643.5.
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.					
Clean Water Act, Section 404, Regional Permit 34							
GA EPD Buffer Variance							

Note:

1. The contractor will ensure that no construction–related activities or access occur beyond the Orange Barrier Fencing; the Orange Barrier Fencings shall be placed around the wetland to protect it during project implementation. The Orange Barrier Fencing shall be placed around mature trees in the construction easements to protect them during project implementation.
2. The contractor will ensure that no construction–related activities or access occur beyond the Orange Barrier Fencing; the Orange Barrier Fencing shall be placed around mature trees in the construction easements to protect them during project implementation.
3. The contractor shall ensure that no construction–related activities (such as the use of easement, staging, construction, vehicular use, borrow or waste activities, sediment basins, and trailer placement), other than those shown on the approved plans, occur within the boundary of this resource.
4. Trees removed during project implementation, shall be replaced, inch for inch in accordance with City of Atlanta Tree Ordinance.
5. Disturbed grassed areas shall be re–grassed after project implementation.
6. No construction activity will begin on the existing Hill Street freight bridge without a separate Notice to Proceed initiated by the Owner.

pH	4, 94
Resistivity	4, 400

Project Number: N/A **County:** Fulton **P.I. Number:** 0009397

Pipe Culvert Material Alternates

TYPE OF INSTALLATION			PIPE TYPE: CONCRETE	STEEL			ALUMINUM	THERMOPLASTIC				
			REINFORCED CONCRETE AASHTO M-170	CORRUGATED STEEL ALUMINUM COATED (TYPE 2) AASHTO M-36	CORRUGATED STEEL PLAIN ZINC COATED AASHTO M-36	POLYMER COATED STEEL AASHTO M-245	CORRUGATED ALUMINUM AASHTO M-196	CORRUGATED HDPE AASHTO M-252	CORRUGATED SMOOTH LINED HDPE TYPE "S" AASHTO M-294	CORRUGATED SMOOTH LINED POLYPROPYLENE AASHTO M-330	PVC CORRUGATED SMOOTH INTERIOR AASHTO F-949	PVC Profile Wall Drain Pipe AASHTO M-304
STORM DRAIN	NON-TRAVEL BEARING (OUTSIDE ROADBED)	INTERSTATE	X									
		NON INTERSTATE	X			X	X		X	X	X	X
	TRAVEL BEARING (INSIDE ROADBED) GRADE 10%	ADT < 1,500	X			X	X		X	X	X	X
		1,500 < ADT < 5,000	X			X	X		X	X	X	X
		5,000 < ADT < 15,000	X						X	X	X	X
		ADT > 15,000 & INTERSTATES	X									
		GRADE > 10%				X			X	X	X	X
SIDE DRAIN			X			X	X		X	X	X	X
PERMANENT SLOPE DRAIN				X	X	X	X		X	X	X	X
PERFORATED UNDERDRAIN				X	X		X	X	X	X	X	X

NOTE:

1. Allowable materials are indicated by an "X".
2. Structural, Installation, fill heightand backfill requirements of storm drain pipe will be in accordance with Georgia Standard 1030-D or 1030-P and the Standard Specifications.
3. The Contractor shall provise additional storm sewer capacity calculations if a pipe material other than concrete is selected.
4. Pipe used under mechanically stabilized earth (MSE) walls, within MSE wall backfill, or within five feet of an MSE wall face shall be Class V Concrete Pipe.

Rev. 1-12-16

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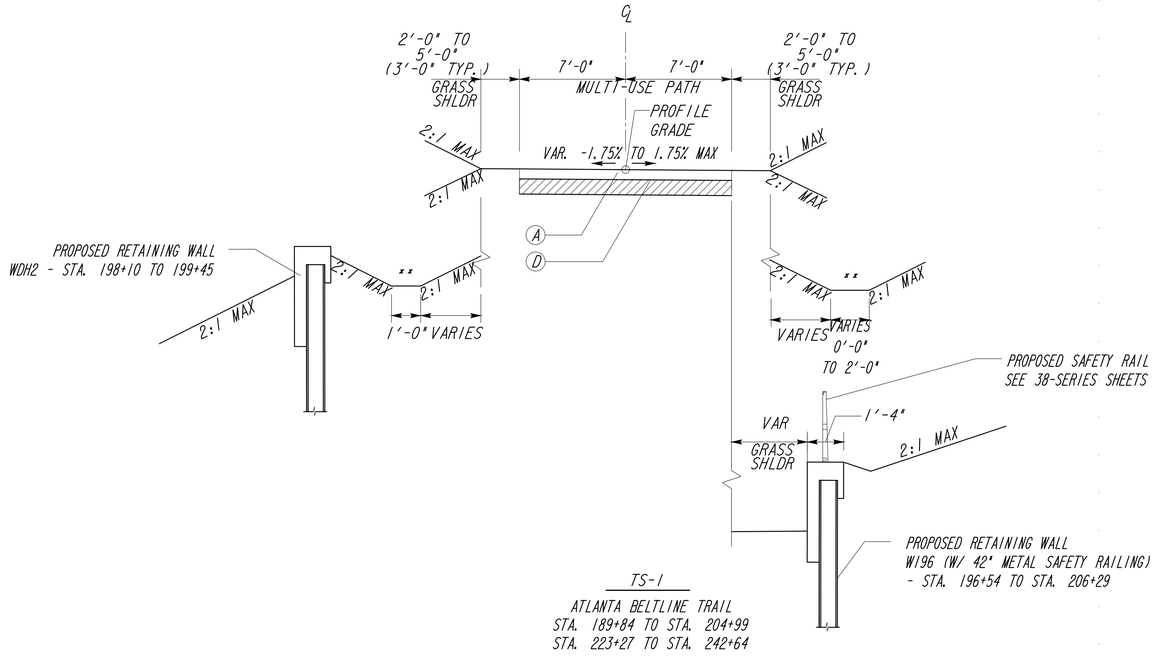
REVISION DATES

GENERAL NOTES

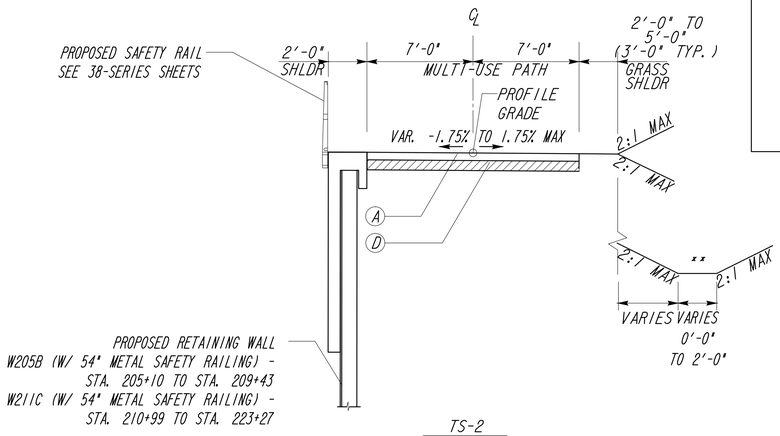
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		04-002
CORRECTED:		DATE:		
VERIFIED:		DATE:		



TS-1

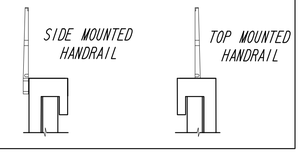
ATLANTA BELTLINE TRAIL
STA. 189+84 TO STA. 204+99
STA. 223+27 TO STA. 242+64

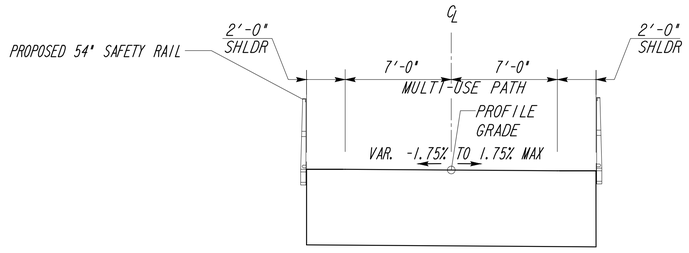


TS-2

ATLANTA BELTLINE TRAIL
STA. 206+55 TO STA. 209+51
STA. 216+00 TO STA. 223+27

ALL HANDRAIL LOCATIONS PROVIDED IN 31-SERIES & 32-SERIES PLAN SHEETS.





TS-3

ATLANTA BELTLINE TRAIL
BRIDGE OVERPASS
STA. 209+51 TO STA. 210+86

** SEE PLANS FOR DITCH/SWALE LOCATIONS

REQUIRED PAVEMENT

Ⓐ 6" CLASS "AA" CONCRETE, SPECIAL FINISH (SEE 38-SERIES SHEETS)

Ⓑ 6" CLASS "AA" CONCRETE, STANDARD FINISH

Ⓒ GR AGGR BASE CRS, 6 INCH, INCL MATL

Ⓓ GR AGGR BASE CRS, 8 INCH, INCL MATL

Ⓔ 1.5" RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME (165 LB/SY)

Ⓕ MILL ASPH CONC 1.5 INCH DEPTH

Ⓖ CONCRETE HEADER CURB, TP 2

Ⓗ 4" CONCRETE SIDEWALK

Ⓘ CIRCULAR GRANITE CURB, TP A

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NOT TO SCALE

REVISION DATES

TYPICAL SECTIONS

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

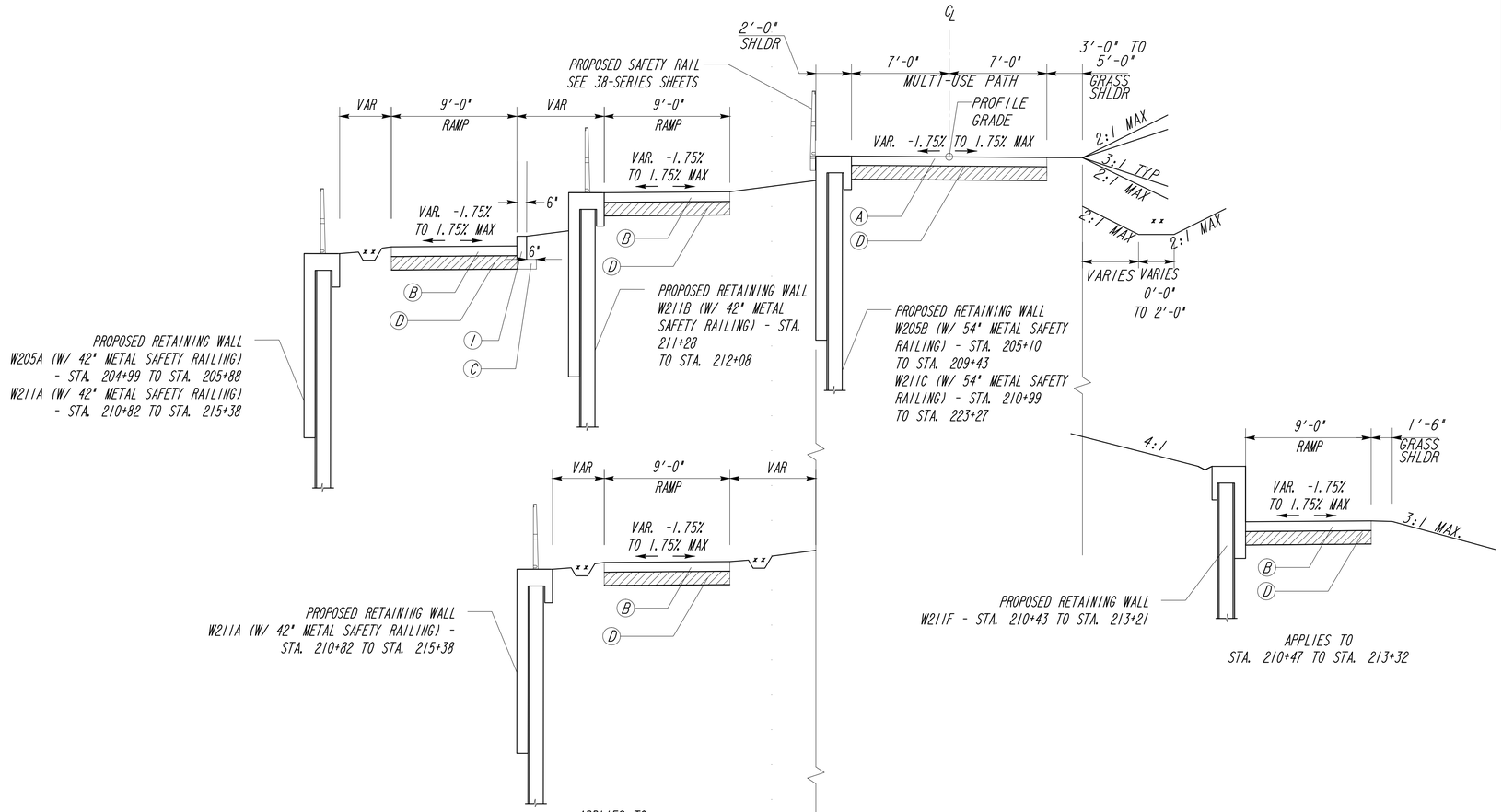
CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		05-001
VERIFIED:		DATE:		

10/23/2015 GPLN

ALL HANDRAIL LOCATIONS PROVIDED IN 31-SERIES & 32-SERIES PLAN SHEETS.

SIDE MOUNTED HANDRAIL

TOP MOUNTED HANDRAIL



** SEE PLANS FOR DITCH/SWALE LOCATIONS

REQUIRED PAVEMENT

(A) 6" CLASS "AA" CONCRETE, SPECIAL FINISH (SEE 38-SERIES SHEETS)

(B) 6" CLASS "AA" CONCRETE, STANDARD FINISH

(C) GR AGGR BASE CRS, 6 INCH, INCL MATL

(D) GR AGGR BASE CRS, 8 INCH, INCL MATL

(E) 1.5" RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME (165 LB/SY)

(F) MILL ASPH CONC 1.5 INCH DEPTH

(G) CONCRETE HEADER CURB, TP 2

(H) 4" CONCRETE SIDEWALK

(I) CIRCULAR GRANITE CURB, TP A

TS-4

ATLANTA BELTLINE TRAIL
HILL STREET SE/
GRANT STREET SE
VERTICAL CONNECTION
STA. 204+99 TO STA. 206+55
STA. 210+86 TO STA. 216+00

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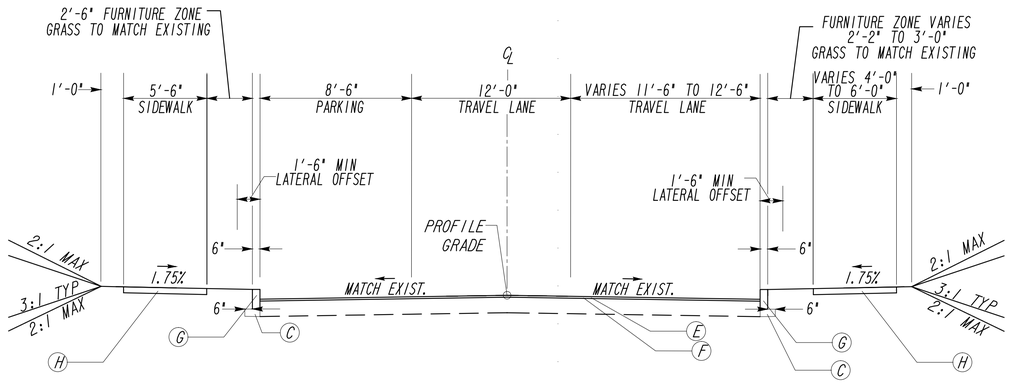
NOT TO SCALE

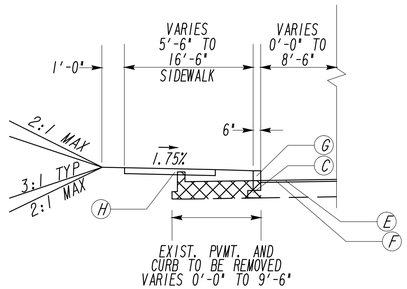
REVISION DATES

TYPICAL SECTIONS

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		05-002
CORRECTED:		DATE:		
VERIFIED:		DATE:		





APPLIES TO
STA. 35+11 TO STA. 35+73

TS-5
HILL ST
STA. 34+90 TO STA. 36+47

** SEE PLANS FOR DITCH/SWALE LOCATIONS

REQUIRED PAVEMENT

Ⓐ 6" CLASS "AA" CONCRETE, SPECIAL FINISH (SEE 38-SERIES SHEETS)

Ⓑ 6" CLASS "AA" CONCRETE, STANDARD FINISH

Ⓒ GR AGGR BASE CRS, 6 INCH, INCL MATL

Ⓓ GR AGGR BASE CRS, 8 INCH, INCL MATL

Ⓔ 1.5" RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME (165 LB/SY)

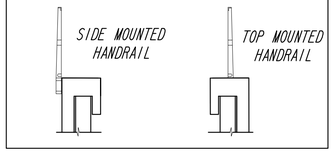
Ⓕ MILL ASPH CONC 1.5 INCH DEPTH

Ⓖ CONCRETE HEADER CURB, TP 2

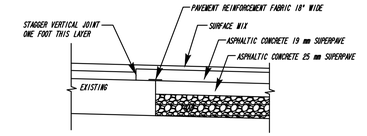
Ⓗ 4" CONCRETE SIDEWALK

Ⓘ CIRCULAR GRANITE CURB, TP A

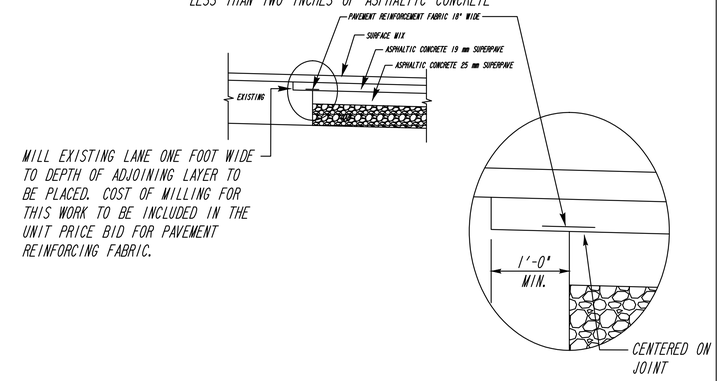
ALL HANDRAIL LOCATIONS PROVIDED IN 31-SERIES & 32-SERIES PLAN SHEETS.



TYPICAL SECTION DETAIL TO BE USED WHEN EXISTING PAVEMENT IS TO BE RESURFACE WITH TWO INCHES OR MORE OF ASPHALTIC CONCRETE



TYPICAL SECTION DETAIL TO BE USED WHEN EXISTING PAVEMENT IS TO BE RESURFACE WITH LESS THAN TWO INCHES OF ASPHALTIC CONCRETE



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NOT TO SCALE

REVISION DATES

TYPICAL SECTIONS

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		05-003
CORRECTED:		DATE:		
VERIFIED:		DATE:		

PT#	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
223	1354760.332	2230963.367	968.187	198+15.60	46.99 RT	REBAR SET W/ CAP
224	1354638.030	2230586.341	971.705	194+10.46	21.76 RT	REBAR SET W/ CAP
225	1354394.172	2230150.328	975.724	189+09.59	13.77 RT	REBAR SET W/ CAP

CURVE #1 (DSN)
PI Sta = 10+23.25
N = 1354889.85
E = 2230899.45
DELTA = 44° 22' 28"
D = 100° 31' 08.08"
T = 23.25
L = 44.15
R = 57.00
E = 4.56

CURVE #2 (DSN)
PI Sta = 11+00.23
N = 1354856.54
E = 2230971.45
DELTA = 42° 01' 34"
D = 39° 14' 37.26"
T = 56.08
L = 107.09
R = 146.00
E = 10.40

CURVE #3 (DSN)
PI Sta = 12+09.08
N = 1354890.22
E = 2231080.28
DELTA = 44° 53' 48"
D = 40° 55' 32.00"
T = 57.84
L = 109.70
R = 140.00
E = 11.48

CURVE #4 (DSN)
PI Sta = 12+69.93
N = 1354859.15
E = 2231139.45
DELTA = 55° 43' 53"
D = 337° 02' 02.39"
T = 8.99
L = 16.54
R = 17.00
E = 2.23

1DSN PCC 10+44.15
2DSN PRC 11+51.24
3DSN PCC 12+60.94
4DSN PT 12+77.47

STA. 194+90.21 ATLANTA BELTLINE SOUTHSIDE TRAIL = STA. 10+00.00 D.H. STANTON NODE
N: 1354693.8681
E: 2230647.2093

LIMIT OF CONSTRUCTION STA:10+00.00
11+00
200+00 12+00
CURVE #1 (DSN)
D.H. STANTON NORTH
1DSN
2DSN
CURVE #3 (DSN)
3DSN
10+00
CURVE #4 (DSN)
4DSN
S6°34'05.6"E
PCC 199+83.06
CURVE #2 (DSN)
10+00
CURVE #2
CURVE #3
SHEET No. 11-002
195+00
40+00
N62°34'06.9"E
PT 193+54.67
PC 194+63.20
90°26'17.0"
CURVE #1 (DHS)
PRC 11+80.48
CURVE #1
S25°57'43.7"E
PC 10+62.55
224
223
PT 12+40.56
CURVE #5 (DHS)
CURVE #6 (DHS)
PCC 10+67.88
45+00
CURVE #2 (DHS)
CURVE #3 (DHS)
PRC 12+07.78
PC 12+78.55
PRC 13+55.26
PT 14+19.67
N46°59'43.3"E
LIMIT OF CONSTRUCTION STA:14+44.28
PC 192+31.61
CURVE #4 (DHS)
N73°19'37.5"E
D.H. STANTON NODE
MATCH LINE STA. 202+00

175+00
180+00
185+00
MILTON AVE. SE
ATLANTA BELTLINE SOUTHSIDE TRAIL
225
228
230
229
McDONOUGH BLVD. (SR 42)
CARVER HIGH SCHOOL NODE

BEGIN PROJECT (SEGMENT 3)
BEGIN CONSTRUCTION
STA:189+84.00
N: 1354444.2610
E: 2230207.0530

CURVE #1
PI Sta = 192+93.17
N = 1354603.29
E = 2230472.18
DELTA = 3° 31' 31"
D = 2° 51' 53.24"
T = 61.55
L = 123.06
R = 2000.00
E = 0.95
e = 1.75%*

CURVE #2
PI Sta = 197+25.77
N = 1354802.60
E = 2230856.17
DELTA = 19° 51' 25"
D = 3° 49' 10.99"
T = 262.56
L = 519.86
R = 1500.00
E = 22.81
e = 1.75%*

CURVE #3
PI Sta = 201+21.84
N = 1354855.51
E = 2231254.01
DELTA = 7° 56' 19"
D = 2° 51' 53.24"
T = 138.78
L = 277.11
R = 2000.00
E = 4.81
e = 1.75%*

CURVE #1 (DHS)
PI Sta = 10+65.25
N = 1354635.21
E = 2230675.77
DELTA = 20° 21' 00"
D = 381° 58' 18.71"
T = 2.69
L = 5.33
R = 15.00
E = 0.24
e = 1.75%*

CURVE #2 (DHS)
PI Sta = 11+30.28
N = 1354590.25
E = 2230722.84
DELTA = 61° 26' 34"
D = 54° 34' 02.68"
T = 62.40
L = 112.60
R = 105.00
E = 17.14
e = 1.75%*

CURVE #3 (DHS)
PI Sta = 11+94.19
N = 1354613.45
E = 2230795.32
DELTA = 12° 49' 14"
D = 46° 57' 49.51"
T = 13.71
L = 27.30
R = 122.00
E = 0.77
e = 1.75%*

CURVE #4 (DHS)
PI Sta = 12+24.23
N = 1354616.05
E = 2230825.36
DELTA = 11° 44' 20"
D = 35° 48' 35.50"
T = 16.45
L = 32.78
R = 160.00
E = 0.84
e = 1.75%*

CURVE #5 (DHS)
PI Sta = 13+17.29
N = 1354642.78
E = 2230914.62
DELTA = 19° 47' 48"
D = 25° 48' 32.07"
T = 38.74
L = 76.70
R = 222.00
E = 3.35
e = 1.75%*

CURVE #6 (DHS)
PI Sta = 13+89.32
N = 1354638.81
E = 2230987.32
DELTA = 46° 07' 42"
D = 71° 37' 11.01"
T = 34.06
L = 64.41
R = 80.00
E = 6.95
e = 1.75%*

* - REFER TYPICAL SECTIONS AND CONSTRUCTION PLAN FOR DIRECTION OF SUPERELEVATION

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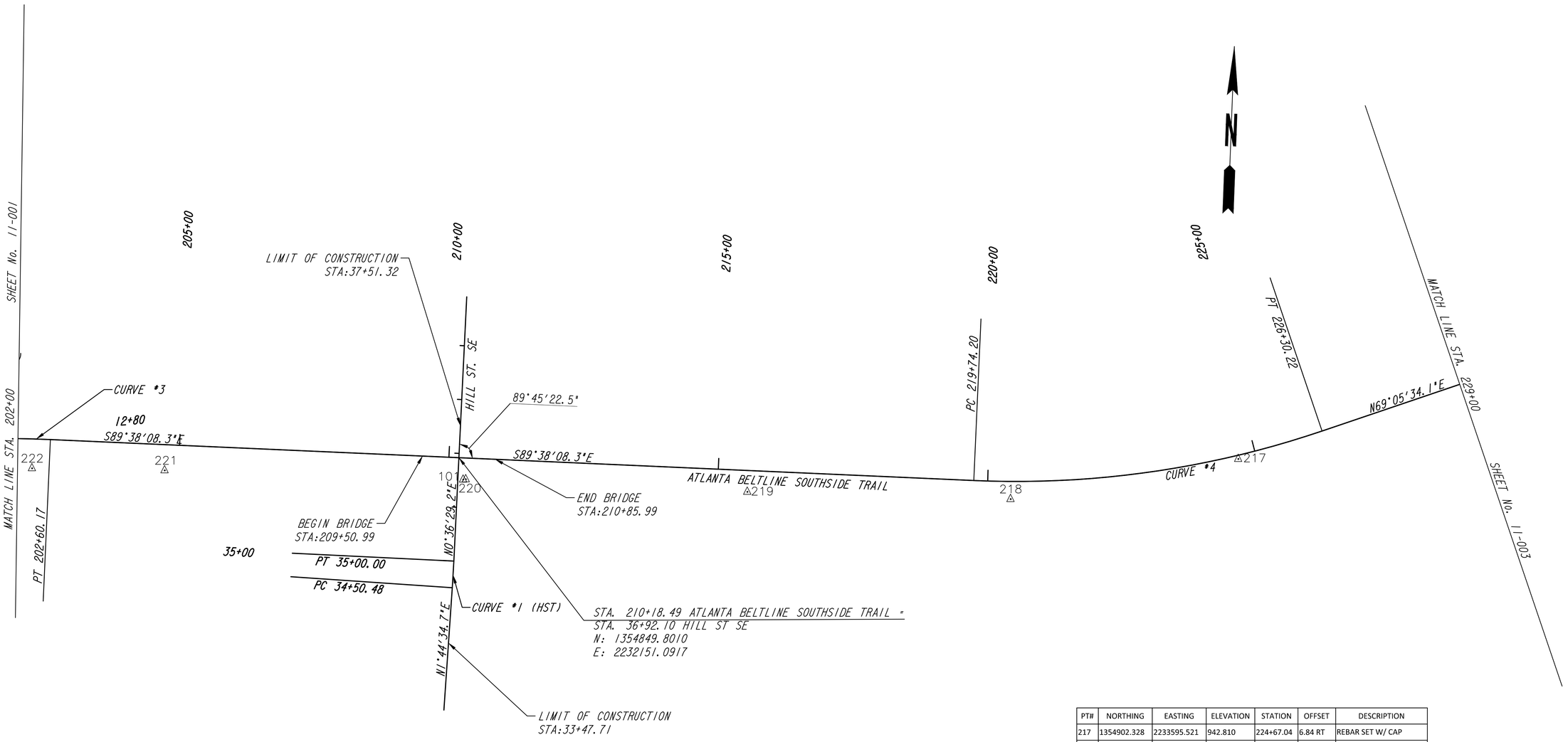
SCALE IN FEET
0 100 200 400

REVISION DATES

CONSTRUCTION LAYOUT
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		11-001
CORRECTED:		DATE:		
VERIFIED:		DATE:		



CURVE #3
PI Sta = 201+21.84
N = 1354855.51
E = 2231254.01
DELTA = 7° 56' 19"
D = 2° 51' 53.24"
T = 138.78
L = 277.11
R = 2000.00
E = 4.81
e = 1.75%*

CURVE #4
PI Sta = 223+06.03
N = 1354841.61
E = 2233438.60
DELTA = 21° 16' 18"
D = 3° 14' 33.16"
T = 331.83
L = 656.01
R = 1767.00
E = 30.89
e = 1.75%*

CURVE #1 (HST)
PI Sta = 34+75.24
N = 1354632.95
E = 2232148.79
DELTA = 1° 08' 06"
D = 2° 17' 30.59"
T = 24.76
L = 49.52
R = 2500.00
E = 0.12
e = 1.75%*

PT#	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
217	1354902.328	2233595.521	942.810	224+67.04	6.84 RT	REBAR SET W/ CAP
218	1354811.886	2233176.471	948.261	220+42.84	32.75 RT	REBAR SET W/ CAP
219	1354806.762	2232688.122	952.369	215+55.79	39.62 RT	REBAR SET W/ CAP
220	1354810.132	2232165.619	956.801	210+33.27	39.58 RT	REBAR SET W/ CAP
101	1354809.281	2232160.731	956.730	210+28.39	40.46 RT	REBAR SET W/ CAP
221	1354805.467	2231606.879	961.841	204+74.57	47.79 RT	REBAR SET W/ CAP
222	1354799.964	2231361.006	963.195	202+27.86	54.61 RT	REBAR SET W/ CAP

* - REFER TYPICAL SECTIONS AND CONSTRUCTION PLAN FOR DIRECTION OF SUPERELEVATION

ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

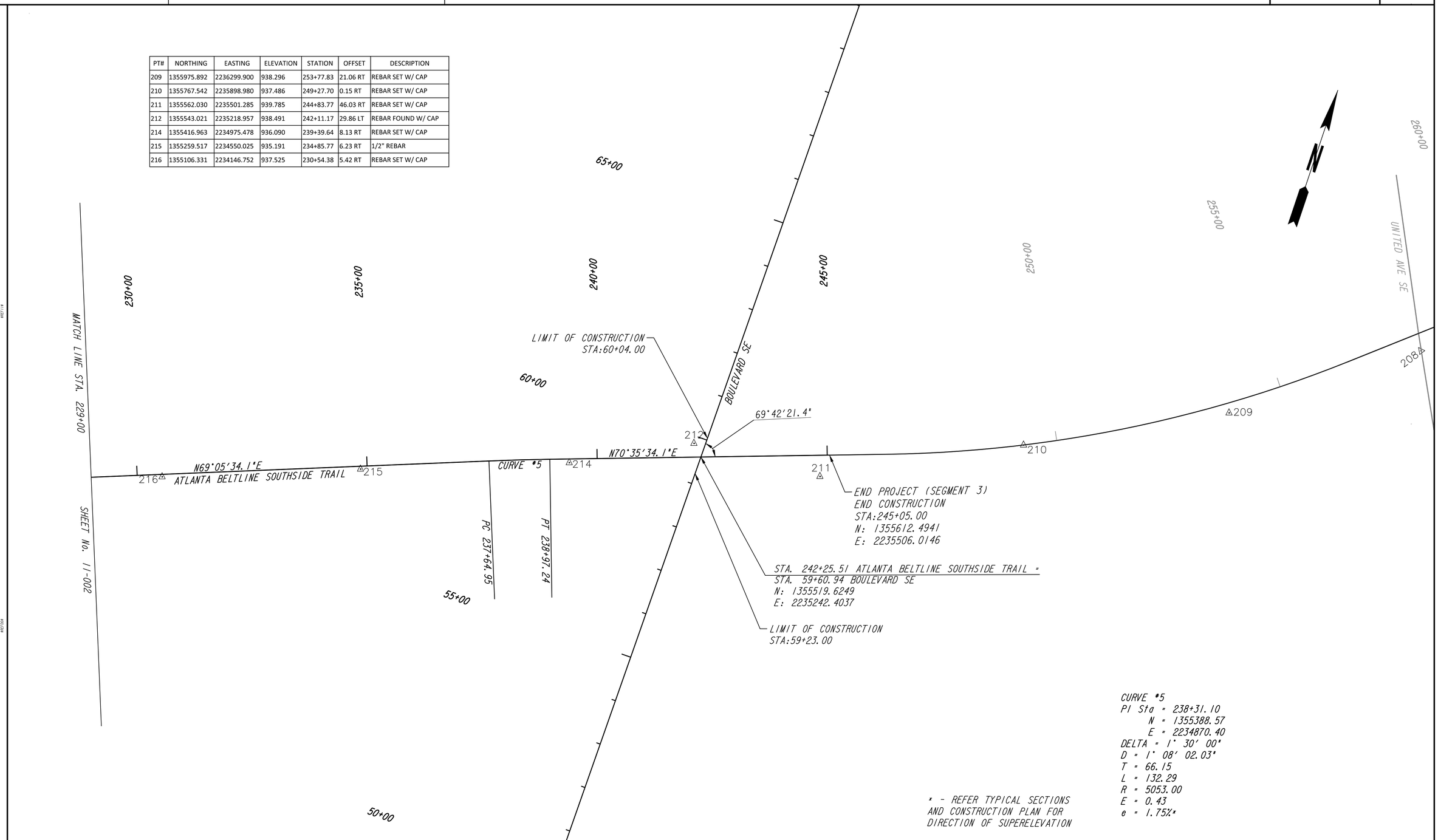
REVISION DATES

CONSTRUCTION LAYOUT

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		11-002
CORRECTED:		DATE:		
VERIFIED:		DATE:		

PT#	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
209	1355975.892	2236299.900	938.296	253+77.83	21.06 RT	REBAR SET W/ CAP
210	1355767.542	2235898.980	937.486	249+27.70	0.15 RT	REBAR SET W/ CAP
211	1355562.030	2235501.285	939.785	244+83.77	46.03 RT	REBAR SET W/ CAP
212	1355543.021	2235218.957	938.491	242+11.17	29.86 LT	REBAR FOUND W/ CAP
214	1355416.963	2234975.478	936.090	239+39.64	8.13 RT	REBAR SET W/ CAP
215	1355259.517	2234550.025	935.191	234+85.77	6.23 RT	1/2" REBAR
216	1355106.331	2234146.752	937.525	230+54.38	5.42 RT	REBAR SET W/ CAP



CURVE #5
PI Sta = 238+31.10
N = 1355388.57
E = 2234870.40
DELTA = 1° 30' 00"
D = 1° 08' 02.03"
T = 66.15
L = 132.29
R = 5053.00
E = 0.43
e = 1.75%*

* - REFER TYPICAL SECTIONS AND CONSTRUCTION PLAN FOR DIRECTION OF SUPERELEVATION

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ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

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THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE IN FEET
0 100 200 400

REVISION DATES

CONSTRUCTION LAYOUT
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		11-003
CORRECTED:		DATE:		
VERIFIED:		DATE:		

N/F
FULTON COUNTY
TAX ID No. 14 005500120043
DB 16128 PG 182

67
N/F
LEBOW LAND COMPANY LLC
TAX ID No. 14 005500110085
DB 39862 PG 350

189+71.65
102.00 LT

42+00

189+77.00
102.00 LT
40.00 LT

189+71.34
33.00 LT

REQ'D R/W
189+85.00
14.33 LT

BEGIN SHLDR. TRANS.
STA:189+84.00
9.00 LT.

END SHLDR. TRANS.
STA:189+94.00
10.00 LT.

PROPOSED 2' WIDE ENHANCED SWALE (SWA-G1)

REMOVE AND RELOCATE
EXISTING FENCE

MATCH LINE STA. 192+50

SHEET No. 13-002

187+00
188+00
189+00
190+00
191+00
192+00

WILTON AVE. SE

EXIST. R/W

APPROX. DIR.
8' C/L FENCE

CONC. WALL

6' C/L FENCE

CSX ACTIVE RAIL

89°40'50.3"

43+00
973.00

N59°02'35.5"E

ATLANTA BELTLINE SOUTHSIDE TRAIL

72'

EL:976.98
EL:976.65
EL:977.59
EL:977.53
EL:977.13
EL:977.50
EL:978.66
EL:978.35
EL:978.46
EL:978.44

973.00 END SHLDR. TRANS.
STA:190+04.88
12.00 RT.

68A
N/F
THE CONSERVATION FUND

ORANGE BARRIER FENCE (TYP.)

PC 192+37.62

44+00
190+32.63
82.69 RT

PROPOSED 2' WIDE ENHANCED SWALE (SWA-H1)

BEGIN PROJECT (SEGMENT 3)
BEGIN CONCRETE TRAIL PAVING
STA:189+84.00
N: 1354444.2610
E: 2230207.0530

REQ'D R/W

BEGIN SHLDR. TRANS.
STA:189+84.00
9.00 RT.

STA:189+45.06 ABISST =
STA. 43+33.17 MILTON AVE. SE

189+74.36
140.00 RT

68
N/F
SOHEILA SAHEBDIVANI
TAX ID No. 14 005500130273
DB 40299 PG 266

45+00

N/F
THE ATLANTA DEVELOPMENT AUTHORITY DBA
TAX ID No. 14 005600010110
DB 58159 PG 0497

DRAIN FOR TRUCK-WASH

NO ACCESS

N/F
LEBOW LAND COMPANY LLC
TAX ID No. 14 005600010060
DB 55525 PG 395

30"RCP

EXIST. R/W

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
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ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

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THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

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

DRAWING No. 13-001

10/23/2015 GPLN

67
N/F
LEBOW LAND COMPANY LLC
TAX ID No. 14 0055001 10085
DB 39862 PG 350

MATCH LINE STA. 192+50
SHEET No. 13-001

193+00
194+00
195+00
196+00
197+00

DH STANTON NODE
SEE 18-SERIES SHEETS

MATCH LINE STA. 195+00
SHEET No. 13-002A

195+81.77
93.30 LT

193+38.00
40.00 LT
35.00 LT

193+60.00
40.00 LT
33.73 LT

PROPOSED 2' WIDE ENHANCED SWALE (SWA-G1)
REMOVE AND RELOCATE EXISTING FENCE

194+54.07
10.00 LT

195+57.00
35.00 LT

195+40.00
35.00 LT
26.09 LT

195+38.00
26.00 LT

REQ'D R/W

CONST. ℄

EXIST. R/W

ABANDONED RAIL

N62°34'06.9"E
ATLANTA BELTLINE SOUTHSIDE TRAIL

14.00'

195+64.58
27.47 LT

195+56.61
10.00 LT

EXIST. R/W

EL:972.88

ORANGE BARRIER FENCE (TYP.)

PT 193+94.68

PC 194+63.20

N/F
THE CONSERVATION FUND

BEGIN WALL W196
BEGIN 42" METAL SAFETY RAIL
STA:196+54.27
12.00 RT.

CSX ACTIVE RAIL

5.5' C/L FE

EXIST. R/W

SHEET No. 13-003

PROPOSED 2' WIDE ENHANCED SWALE (SWA-H1)

194+25.48
77.43 RT

INV=972.80

INV=973.02

193+52.80
81.39 RT

REQ'D R/W

194+70.00
100.00 RT
75.34 RT

EL:977.22

MARTIN STREET
(APPROXIMATE LOCATION)

68
N/F
SOHEILA SAHEBDIVANI
TAX ID No. 14 0055001 30273
DB 40299 PG 266

195+50.00
175.00 RT

196+94.92
202.98 RT

MATCH LINE STA. 197+00

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

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ATLANTA, GA 30303
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FAX: (404) 477-3606

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THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

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

DRAWING No.
13-002

10/23/2015 GPLN

67
N/F
LEBOW LAND COMPANY LLC
TAX ID No. 14 005500110093
DB 36564 PG 661

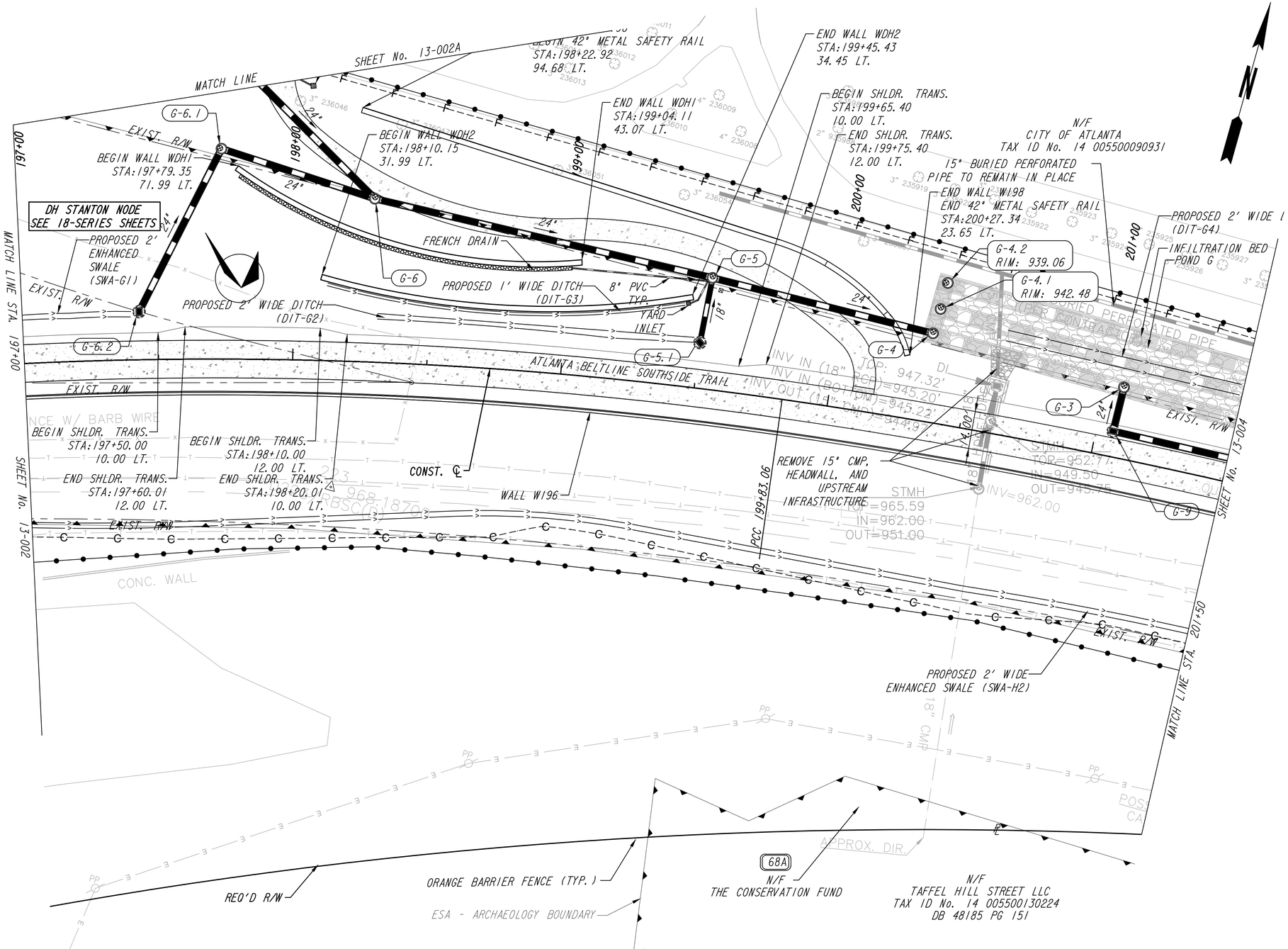
MARTIN STREET
(APPROXIMATE
LOCATION)

EXIST. WALL (TO REMAIN)

N/F
CITY OF ATLANTA
TAX ID No. 14 005500090931

ATE LOCATION 72" COMBINED
SEWER ARCH PIPE

EL:977.36
EL:974.59
EL:972.96
EL:975.69
EL:972.50
EL:973.14
EL:977.11
EL:972.58
EL:977.08
EL:975.69
EL:977.06
EL:977.04
EL:977.02
EL:977.00
EL:976.98
EL:976.96
EL:976.94
EL:976.92
EL:976.90
EL:976.88
EL:976.86
EL:976.84
EL:976.82
EL:976.80
EL:976.78
EL:976.76
EL:976.74
EL:976.72
EL:976.70
EL:976.68
EL:976.66
EL:976.64
EL:976.62
EL:976.60
EL:976.58
EL:976.56
EL:976.54
EL:976.52
EL:976.50
EL:976.48
EL:976.46
EL:976.44
EL:976.42
EL:976.40
EL:976.38
EL:976.36
EL:976.34
EL:976.32
EL:976.30
EL:976.28



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

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Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		13-003
CORRECTED:		DATE:		
VERIFIED:		DATE:		

N/F
CITY OF ATLANTA
TAX ID No. 14 005500090931

N/F
CITY OF ATLANTA
TAX ID No. 14 005500090568
TAX ID No. 14 005500090576
DB 50063 PG 340
PB 58 PG 142

N/F
ROSEGOOD S/D
LOT 15-21, BLOCK C
PB 58 PG 142

N/F
SUSAN P BRINKLEY
TAX ID No. 14 005500090618
DB 49302 PG 284
PB 58 PG 142

GRANT WAY SE (71)

N/F
SYLVESTER XAVIER MCGILL JR
TAX ID No. 14 005500090634
DB 52252 PG 178
PB 58 PG 142

N/F
LYNCH RESIDENTIAL LLC
TAX ID No. 14 005500090584
DB 49506 PG 495
PB 58 PG 142

N/F
COMMUNITY RESTORATION CORPORATION
TAX ID No. 14 005500090592
DB 56086 PG 429
PB 58 PG 142

N/F
SYLVESTER XAVIER MCGILL JR
TAX ID No. 14 005500090600
DB 52252 PG 178
PB 58 PG 142

(70)
N/F
JOHN J HOWKINS JR
TAX ID No. 14 005500090626
DB 53447 PG 594
PB 58 PG 142

N
MATCH LINE STA. 201+50
SHEET No. 13-003
SHEET No. 13-005
MATCH LINE STA. 206+50

DITCH
INFILTRATION BED
POND G
G-19
G-2.1
RIM: 945.17
G-2.3
G-2.2
RIM: 938.70
202+00
203+00
204+00
205+00
206+00
206+42.15
55.00 LT
DH-0
REMOVE 15" CMP
G-0
G-1
G-2
G-10
G-11
G-12
G-13
G-14
CONST. ℄
EXIST. R/W
DO NOT DISTURB EXISTING FENCE
BEGIN WALL W205B
BEGIN 54" METAL SAFETY RAIL
STA:205+10.49
9.00 LT.
BEGIN WALL W205A
BEGIN 42" METAL SAFETY RAIL
STA:204+99.16
9.00 LT.
END WALL W205A
END 42" METAL SAFETY RAIL
STA:205+87.74
24.75 LT.
205+62.22
40.00 LT
YARD INLET (TYP.)
206+02.10
40.00 LT
6" CORRUGATED HDPE (TYP.)
DO NOT DISTURB EXISTING FENCE
5' WOOD FENCE
5' C/L FENCE
ATLANTA BELTLINE SOUTHSIDE TRAIL
S89°38'08.3"E
1.75%
+75.00
-1.75%
+25.00
18"
24"
60"
14.00'
ABANDON IN PLACE DROP INLETS AND AND 42" RCP UP TO G-0. CONTRACTOR TO REMOVE OR GROUT AS NECESSARY.
PT 202+60.17
CSX ACTIVE RAIL
D221/RBSC(D)
961.84100
963.19200
EXIST. R/W
PROPOSED 2' WIDE ENHANCED SWALE (SWA-H2)
ORANGE BARRIER FENCE (TYP.)
DO NOT DISTURB EXISTING FENCE
8' C/L FENCE W/ BARB WIRE
BUILDING FOUNDATION
GRANT TERRACE RAMP SYSTEM
SEE 18-SERIES SHEETS
END WALL W196
END 42" METAL SAFETY RAIL
STA:206+29.40
12.00 RT.
DO NOT DISTURB EXISTING FENCE
68A
N/F
THE CONSERVATION FUND
SIBLE CULVERT END
VED IN NO ACCESS
ESA - ARCHAEOLOGY BOUNDARY
202+91.47
110.70 RT
N/F
TAFFEL HILL STREET LLC
TAX ID No. 14 005500130224
DB 48185 PG 151
N/F
CITY OF ATLANTA
TAX ID No. 14 005500140025

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES
ENVIRONMENTALLY SENSITIVE AREA

ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
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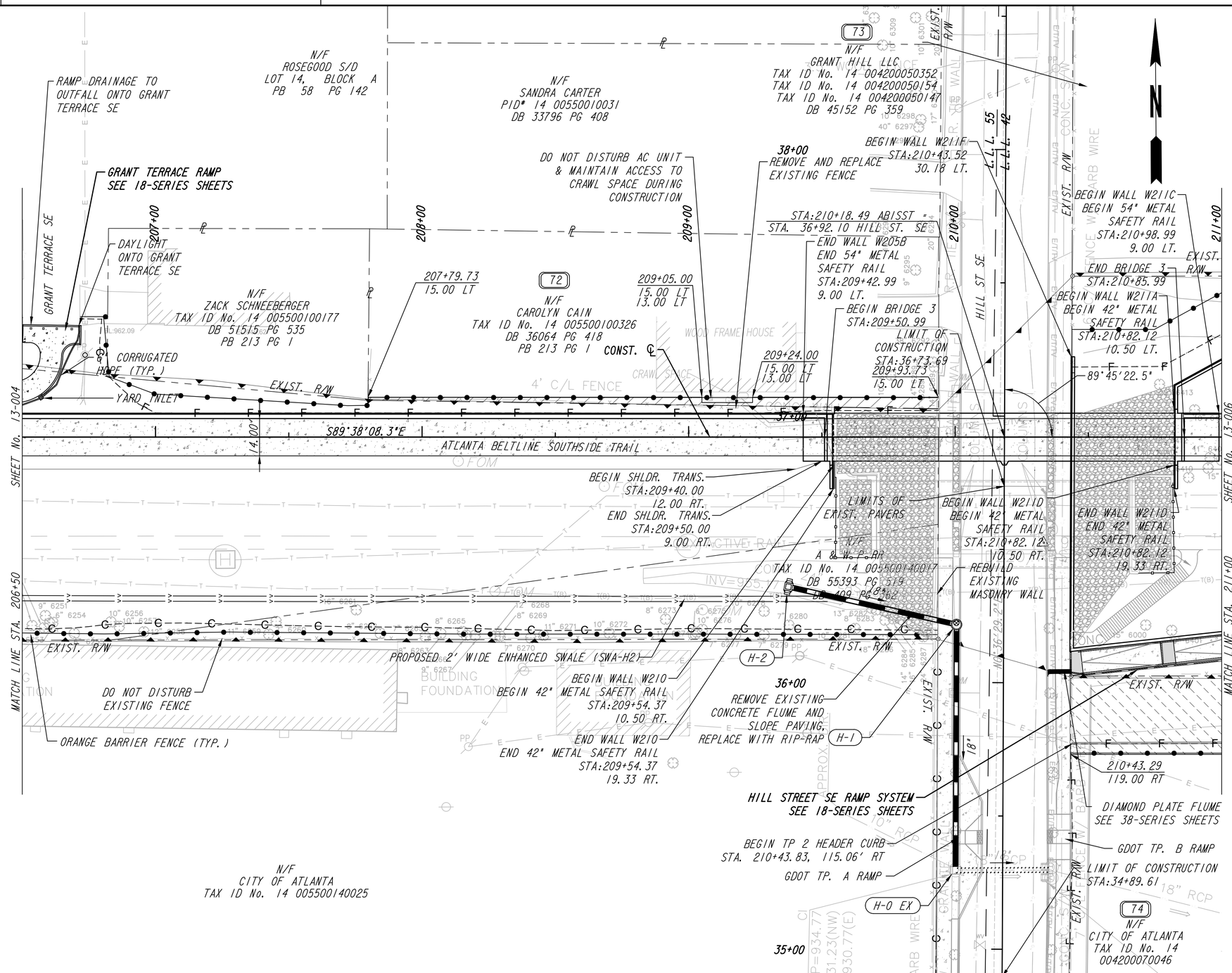
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		13-004
CORRECTED:		DATE:		
VERIFIED:		DATE:		



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

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THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

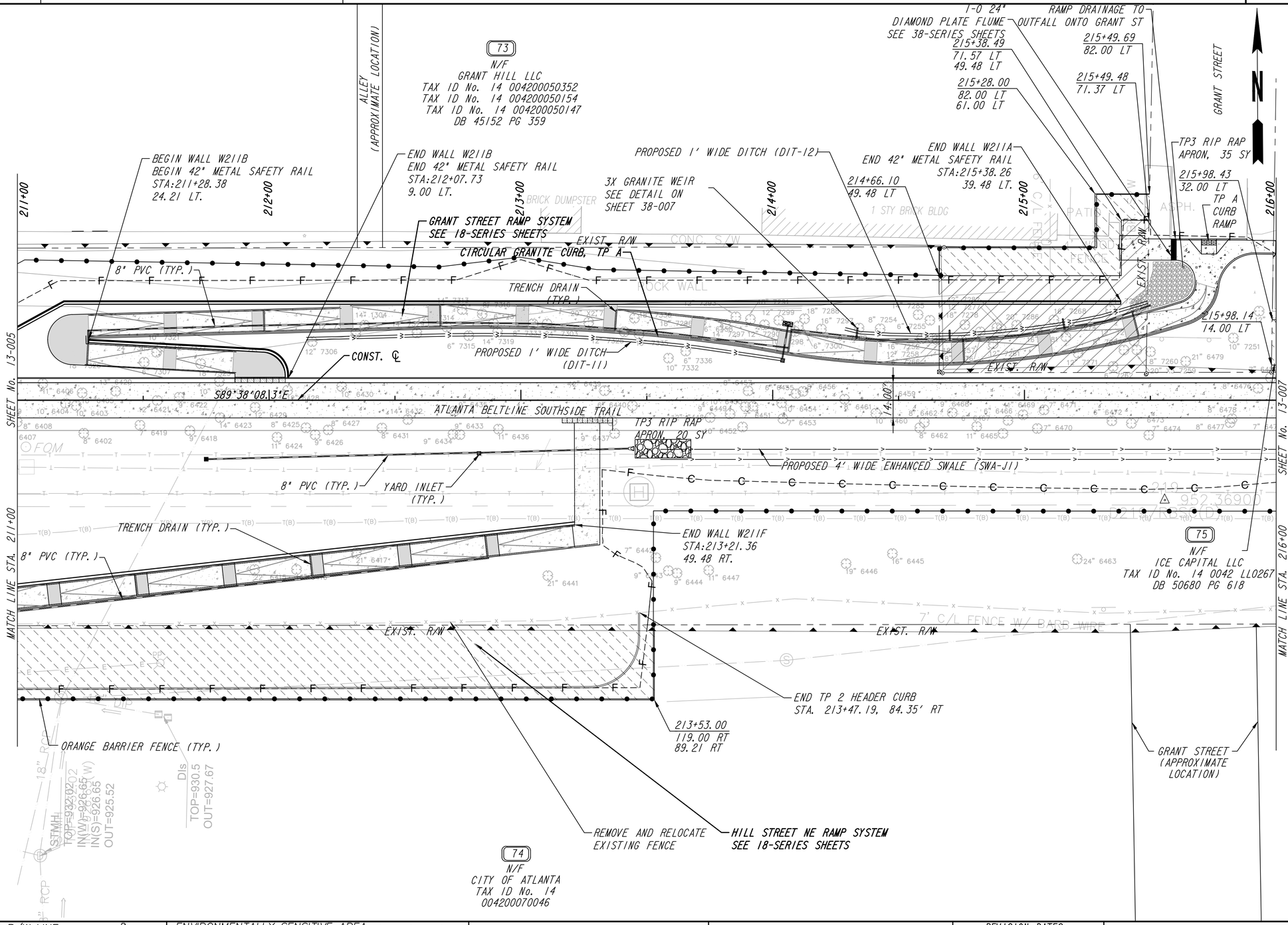
SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		13-005
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

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THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

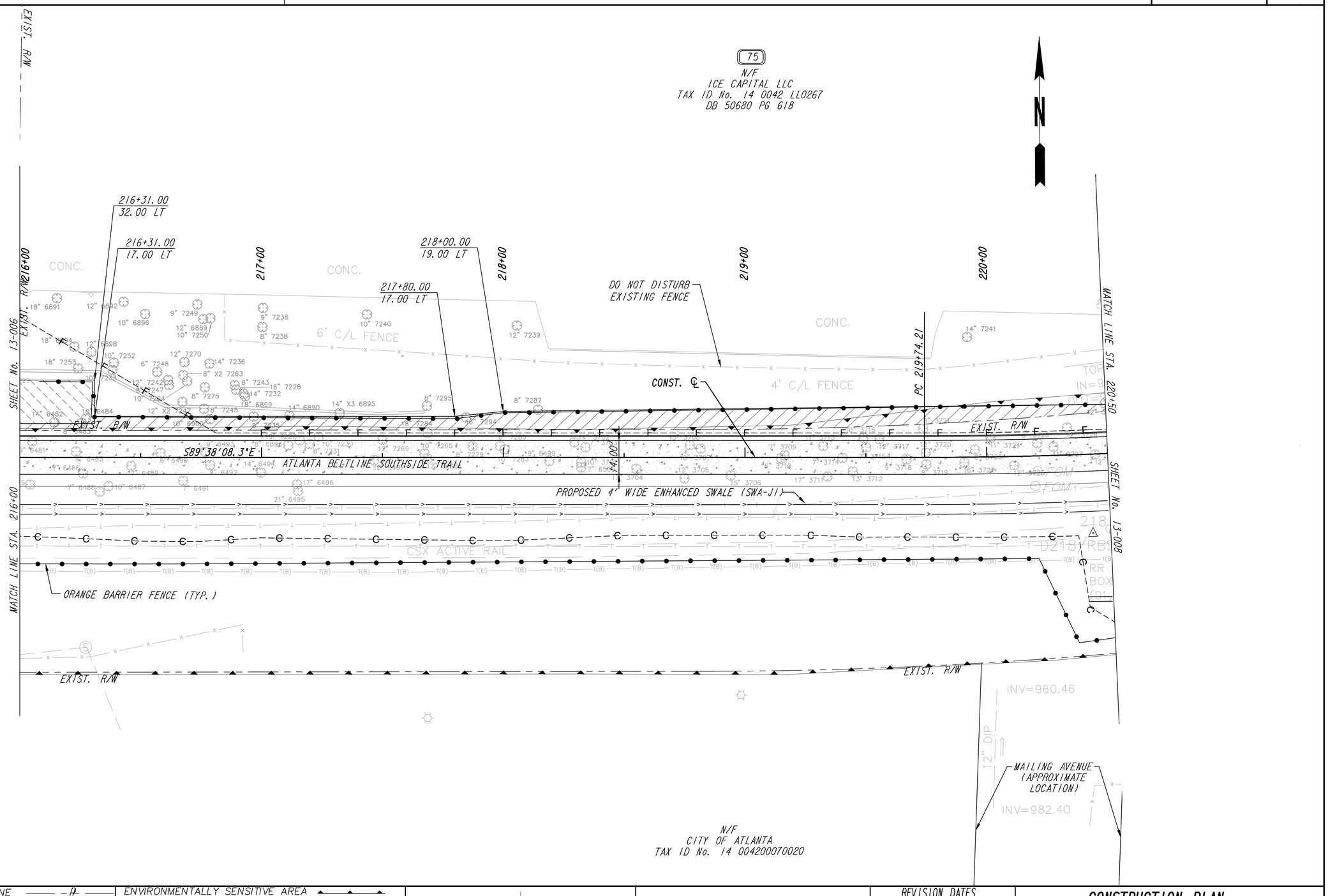
SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	13-006
VERIFIED:		DATE:	

10/23/2015 GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

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FAX: (404) 477-3606

Kimley»Horn
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ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

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

DRAWING No.
13-007

10/23/2015 GPLN

75
N/F
ICE CAPITAL LLC
TAX ID No. 14 0042 LL0267
DB 50680 PG 618

N/F
GEORGIA POWER COMPANY
TAX DEPT BIN 10120
TAX ID No. 14 0042 LL0234
DB 28377 PG 46

220+84.65
19.00 LT

221+00

222+00

223+00

224+00

225+00

DO NOT DISTURB
EXISTING FENCE

END SHLDR. TRANS.
STA:223+36.80
10.00 LT.

END WALL W21IC
END 54" METAL SAFETY RAIL
STA:223+26.79
9.00 LT.

BEGIN SHLDR. TRANS.
STA:223+26.80
9.00 LT.

223+50.00
29.77 LT

BEGIN SHLDR. TRANS.
STA:223+79.40
10.00 LT.

224+10.81
42.36 LT

EXISTING PERMANENT
EASEMENT

CONST. ℄

END SHLDR. TRANS.
STA:224+04.40
12.00 LT.

J-O COLLAR
(GDOT CONST. DETAIL D-34)

J-7

J-4 EX

J-5 EX

J-6

EXIST. R/W

ATLANTA BELTLINE SOUTHSIDE TRAIL

14.00'

SHEET No. 13-007

MATCH LINE STA. 220+50

SHEET No. 13-009

MATCH LINE STA. 225+50

PROPOSED 4' WIDE ENHANCED SWALE (SWA-J1)

NON-BUFFERED STATE WATER F

ORANGE BARRIER FENCE (TYP.)

APPROX. DIR.

6' C/L FENCE W/ BARB WIRE

N/F
MAILING AVENUE STAGEWORKS LLC
TAX ID No. 14 004200080151
DB 51408 PG 598

N/F
MAILING AVENUE STAGEWORKS LLC
TAX ID No. 14 004200080268
DB 51408 PG 598

N/F
DEL BOCA VISTA LLC
TAX ID No. 14 004200080193
DB 54483 PG 108

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

Atlanta BeltLine
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		13-008
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

75

N/F
ICE CAPITAL LLC
TAX ID No. 14 0042 LL0267
DB 50680 PG 618

6' DITCH

J-3 EX

14" RCP

FES
OUT=907.00

NON-BUFFERED STATE WATER F

ORANGE BARRIER FENCE

EXISTING PERMANENT EASEMENT

PERENNIAL STREAM 2

WETLAND I

500-YEAR FLOODPLAIN

EXIST. R/W

ESA - 25' STATE WATERS BUFFER

226+00 227+00 228+00 229+00 230+00

PT 226+30.22

SHEET No. 13-008

SHEET No. 13-010

EXIST. R/W

CONST. ℄

N69°05'34.1"E

14.00'

ATLANTA BELTLINE SOUTHSIDE TRAIL

CSX AC

MATCH LINE STA. 225+50

MATCH LINE STA. 230+50

EXIST. R/W

NON-BUFFERED STATE WATER G

EXIST. R/W

TRANSMISSION TOWER

TRANSMISSION TOWER

℄ 200' GEORGIA POWER COMPANY EASEMENT (APPROX. LOCATION)

N/F
DEL BOCA VISTA LLC
TAX ID No. 14 004200080193
DB 54483 PG 108

N/F
CITY OF ATLANTA
TAX ID No. 14 004200080219
DB 45220 PG 431

PROPERTY AND EXISTING R/W LINE —℄—
REQUIRED R/W LINE
CONSTRUCTION LIMITS —C— —F—
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

Atlanta BeltLine
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
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KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		13-009
VERIFIED:		DATE:		

10/23/2015 GPLN

N/F
GEORGIA POWER COMPANY
TAX DEPT BIN 10120
TAX ID No. 14 0042 LL0234
DB 28377 PG 46

PERENNIAL STREAM 2

WETLAND 2A

INTERMITTENT STREAM 3

EXIST. R/W

231+00

232+00

233+00

234+00

235+00

EX J-OCS

CONC. WALL

ESA - 25' STATE WATERS BUFFER

ESA - 25' STATE WATERS BUFFER

ORANGE BARRIER FENCE (TYP.)

CONST. ℄

SHEET No. 13-009

SHEET No. 13-011

N69°05'34.1"E

14.00'

ATLANTA BELTLINE SOUTHSIDE TRAIL

CSX ACTIVE RAIL

MATCH LINE STA. 230+50

MATCH LINE STA. 235+50

CONC. WALL

CONC. WALL

APPROX. DIR. 12" DIP

APPROX. DIR. 24" DIP

TOP=883.28
IN=881.49(SW)
IN=879.34(SE)
OUT=879.21(THROUGH WALL)

NON-BUFFERED STATE WATER

EXIST. R/W

EXIST. R/W

℄
SOUTH PARK AVE.
(APPROXIMATE LOCATION)

N/F
CITY OF ATLANTA
TAX ID No. 14 004200080219
DB 45220 PG 431

N/F
TEAGUE GRANT PARK LLC
TAX ID No. 14 004200090010
DB 46123 PG 54

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		13-010
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

77

N/F
GEORGIA POWER COMPANY
TAX DEPT BIN 10120
TAX ID No. 14 0042 LL0234
DB 28377 PG 46

N/F
WAKEN CO
TAX ID No. 14 0042 LL0242
TAX ID No. 14 004200040684
TAX ID No. 14 004200040676
DB 49322 PG 663

N

APPROX. DIR.
DI (LIMITED ACCESS)
TOP=926.14
IN=922.84(SW)
BOTTOM=909.74
APPROX. DIR.
12" CLAY

INTERMITTENT STREAM 3
NON-BUFFERED STATE WATER H
24" 7223
26" 6867
24" 6864
18" 6863
6872
6873
6960
36" 6952
ESA - 25' STATE WATERS BUFFER

SHEET No. 13-010

MATCH LINE STA. 235+50

236+00
237+00
238+00
239+00
240+00

EXIST. R/W

END SHLDR. TRANS.
STA:237+80.50
10.00 LT.

BEGIN SHLDR. TRANS.
STA:237+55.50
12.00 LT.

CONST. ℄

STMH
TOP=936.10
IN=930.41(S)
IN=926.16(NE)
OUT=926.02(N)

CONC.
24" CMP
EL:926.92
BLOCK WALL
EL:934.19

DI
TOP=937.24
IN=-931.69(NW)
OUT=931.49(SW)

24" CMP
EL:941.29
LOADING DOCK
EL:940.46
EXIST. R/W

EXISTING STRUCTURE TO BE REMOVED
FLUME
INV=935.46
12" CLAY

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N69°05'34.1"E
14.00
N70°35'34.1"E
1.75%
+50.00
1.75%
+00.00

ATLANTA BELTLINE, SOUTHSIDE TRAIL
CSX ACTIVE RAIL
DZ14ABSC(D)
936109000

℄ 237+64.95
PT 238+97.24

MATCH LINE STA. 240+50

ORANGE BARRIER FENCE (TYP.)

NON-BUFFERED STATE WATER I

EXIST. R/W
EXIST. R/W
2' GRANITE WALL
FENCE

℄ 15' ALLEY ℄

N/F
TEAGUE GRANT PARK LLC
TAX ID No. 14 004200090010
DB 46123 PG 54

N/F
M C M INVESTORS INC
TAX ID No. 14 00420009019
TAX ID No. 14 004200090101
TAX ID No. 14 0042000901127
TAX ID No. 14 004200090036
TAX ID No. 14 004200090044
DB 29266 PG 7

PROPERTY AND EXISTING R/W LINE ——℄——
REQUIRED R/W LINE
CONSTRUCTION LIMITS —C— —F—
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

Atlanta BeltLine
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		13-011
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

N/F
WAKEN CO
TAX ID No. 14 0042 LL0242
TAX ID No. 14 004200040684
TAX ID No. 14 004200040676
DB 49322 PG 663

N/F
CATHERINE S LUCAS
PIN:14023000500082
NO DEED BOOK
INFORMATION

N/F
LEONCE B II & BREANNA CRUM
TAX ID No. 14 0023000500389
DB 51543 PG 322

N/F
EQUITY TRUST COMPANY
PIN:14002300050074
DB 51386 PG 449

N/F
ROBERT M RIGHTER & CHRISTY LEE
TAX ID No. 14 0023000500405
DB 51479 PG 596
PB 321 PG 95

N/F
EQUITY TRUST COMPANY
TAX ID No. 14 0023000500066
DB 47120 PG 141

61+00
LIMIT OF CONSTRUCTION
STA:60+04.00
STA:242+25.51 ABISST =
STA. 59+60.94 BOULEVARD SE
BOULEVARD SE
EXIST. R/W
RECONSTRUCT EXISTING STRUCTURE AS GA STD 1019A TYPE E CATCH BASIN WITH GA STD D-33B BICYCLE-SAFE GRATE. CONTRACTOR TO INSTALL INLET WITH NO RAMP CONFLICT. TOP TO BE ADJUSTED IF NECESSARY
241+00
242+00
243+00
244+00
245+00
246+00
60+00
EXISTING TRENCH DRAIN TO REMAIN
K-2
N17°45'50.3"E
BOULEVARD SE SPEED TABLE
SEE 18-SERIES AND 38-SERIES SHEETS
69°42'21.4"
END PROJECT (SEGMENT 3)
END CONCRETE TRAIL PAVING
STA:245+05.00
N: 1355612.4941
E: 2235506.0146
SHEET No. 13-011
MATCH LINE STA. 240+50
14.00'
N70°35'34.1"E
58+00
K-1
END CONCRETE TRAIL PAVING
STA. 242+63.87
PROPOSED GA STD 1019A TYPE E CATCH BASIN WITH GA STD D-33B BICYCLE-SAFE GRATE TIE INTO EXISTING STRUCTURE
ORANGE BARRIER FENCE (TYP.)
LIMIT OF CONSTRUCTION
STA:59+23.00
K-0 EXISTING DIAMOND PLATE FLUME
ESA - HISTORICAL BOUNDARY
GSX ACTIVE RAIL
CROSSING
L.L.L. 42
L.L.L. 23

N/F
M C M INVESTORS INC
TAX ID No. 14 0042000901 19
TAX ID No. 14 0042000901 01
TAX ID No. 14 0042000901 27
TAX ID No. 14 0042000900 36
TAX ID No. 14 0042000900 44
DB 29266 PG 7

N/F
TEN FOURTY BOULEVARD LLC
TAX ID No. 14 0023000800 63
DB 36975 PG 649

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES
ENVIRONMENTALLY SENSITIVE AREA

ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		13-012
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

N/F
CITY OF ATLANTA
TAX ID No. 14 005500140025

FOR DRAINAGE INFORMATION
SEE SHEETS 13-005 & 13-006

N/F
A & W P RR
TAX ID No. 14 005500140017
DB 55393 PG 519
DB 409 PG 362

ATLANTA BELTLINE SOUTHSIDE TRAIL

72
N/F
CAROLYN CAIN
TAX ID No. 14 005500100326
DB 36064 PG 418
PB 213 PG 1

N/F
SANDRA CARTER
PID# 14 005500010031
DB 33796 PG 408

N/F
WANDA G PYANT
PID# 14 005500010016
DB 41885 PG 237

BEGIN WALL W210
BEGIN 42" METAL SAFETY RAIL
STA:209+54.87
10.50 RT.
END WALL W210
END 42" METAL SAFETY RAIL
STA:209+54.87
19.33 RT.
STA:210+18.49 ABISST =
STA. 36+92.10 HILL ST SE

209+05.00
15.00 LT
13.00 LT

209+24.00
15.00 LT
13.00 LT

209+00

END MILL & INLAY
DO NOT DISTURB EXIST. PAVERS
STA:36+73.69
LIMIT OF CONSTRUCTION
STA:36+73.69

TIE TO EXIST CURB
TIE TO EXIST SIDEWALK
STA:34+89.43 LT

TIE TO EXIST CURB
TIE TO EXIST SIDEWALK
STA:36+46.74 LT

REBUILD EXISTING
MASONRY WALL

GDOT TP. A RAMP

END WALL W205B
END 54" METAL SAFETY RAIL
STA:209+42.99
9.00 LT.

209+93.73
15.00 LT

33+00 34+00 35+00 36+00 37+00 38+00 39+00

PC 34+50.48
PT 35+00.00

EXIST. R/W

7' C/L FENCE W/ BARB WIRE
CONC. S/W
DRAINAGE WALL
R.R. TIE WALL
3.5' WOOD FENCE
EXIST. R/W

210+00

14.37' 5"

L.L.L. 55
L.L.L. 42

W1°44'34.7"E
CURVE #1 (HST)
N0°36'29.2"E
HILL ST SE

TIE TO EXIST CURB
TIE TO EXIST SIDEWALK
STA:36+47.01 RT

BEGIN MILL & INLAY
STA:34+89.61
LIMIT OF CONSTRUCTION
STA:34+89.61

TIE TO EXIST CURB
TIE TO EXIST SIDEWALK
STA:34+89.71 RT

GDOT TP. B RAMP

BICYCLE CURB CUT

210+43.29
19.00 RT

CONST. ℄

BEGIN WALL W211F
STA:210+43.52
30.18 LT.

BEGIN WALL W211A
BEGIN 42" METAL SAFETY RAIL
STA:210+82.12
10.50 LT.

211+00

BEGIN WALL W211C
BEGIN 54" METAL SAFETY RAIL
STA:210+98.99
9.00 LT.

END WALL W211D
END 42" METAL SAFETY RAIL
STA:210+82.12
19.33 RT.

BEGIN WALL W211D
BEGIN 42" METAL SAFETY RAIL
STA:210+82.12
9.00 RT.

BEGIN WALL W211B
BEGIN 42" METAL SAFETY RAIL
STA:211+28.38
24.21 LT.

73
N/F
GRANT HILL LLC
TAX ID No. 14 004200050352
TAX ID No. 14 004200050154
TAX ID No. 14 004200050147
DB 45152 PG 359

N/F
TKH PROPERTIES LLC
PID# 14 004200005016
DB 48433 PG 597

74
N/F
CITY OF ATLANTA
TAX ID No. 14
004200070046

PLANTERS
15" 6611

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
HILL STREET STREETSCAPE PLAN

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		13-100
VERIFIED:		DATE:		

FOR DRAINAGE INFORMATION SEE SHEET 13-012

N/F
WAKEN CO
TAX ID No. 14 0042 LL0242
TAX ID No. 14 004200040684
TAX ID No. 14 004200040676
DB 49322 PG 663

N/F
SAWYERS DELROY TR
FOR RIDDOCK TRUST
PIN:14004200040668
DB 47187 PG 564

N/F
SCOTT MITCHELL &
ANYESS TRAVERS
PIN:14004200040650
DB 48673 PG 145

N/F
M C M INVESTORS INC
TAX ID No. 14 004200090119
TAX ID No. 14 004200090101
TAX ID No. 14 004200090127
TAX ID No. 14 004200090036
TAX ID No. 14 004200090044
DB 29266 PG 7

BOULEVARD SE SPEED TABLE
(SEE 18-SERIES AND 38-SERIES SHEETS)

BEGIN PROPOSED CURB
BEGIN PROPOSED SIDEWALK
STA:59+63.11 LT
BEGIN PROPOSED CURB
STA:59+86.42 LT

END PROPOSED CURB
END PROPOSED SIDEWALK
STA:59+43.92 LT

END PROPOSED CURB
END PROPOSED SIDEWALK
STA:60+03.50 LT

LIMIT OF CONSTRUCTION
STA:60+04.00

STA. 59+23.00
OFFSET 30.00'
BEGIN PROPOSED CURB
BEGIN PROPOSED SIDEWALK
STA:59+23.00 LT

BEGIN MILL & INLAY
STA:59+23.00

EXIST. R/W
CONST. ℄
℄
L.L.L. 42
L.L.L. 23
BOULEVARD SE
N0°45'50.3"E
CONC. S/W
6' C/L FENCE
2' GRANITE WALL
BLOCK WALL
STONE WALL
5' C/L FENCE
4' WO
CONC. WALL
3' WOOD FENCE
METAL FENCE
CROSSING
STEPS
R.R TIE WALL
ATLANTA BELTLINE SOUTHSIDE TRAIL
HAMILTON AVE SE
241+00
242+00
243+00
244+00
58+00
59+00
60+00
61+00
62+00
63+00

EXIST. R/W
BEGIN MILL & INLAY
STA:59+23.00
LIMIT OF CONSTRUCTION
STA:59+23.00
TIE TO EXIST CURB
TIE TO EXIST SIDEWALK
STA:59+23.00 RT
STA. 59+23.00
OFFSET 29.50'
STA:242+25.51 ABISST
STA. 59+60.94 BOULEVARD SE

TIE TO EXIST CURB
TIE TO EXIST SIDEWALK
STA:60+04.00 RT
STA. 60+04.00
OFFSET 29.50'

EXISTING HAWK SIGNAL
(SEE 27-SERIES)

N/F
CONDOMINIUMS AT
PARK ROW NORTH
PLAT 16 PG 314

N/F
TEN FOURTY BOULEVARD LLC
TAX ID No. 14 002300080063
DB 36975 PG 649

N/F
EQUITY TRUST COMPANY
TAX ID No. 14 002300050066
DB 47120 PG 141

N/F
EQUITY TRUST COMPANY
PIN:14002300050074
DB 51386 PG 449

N/F
CATHERINE S LUCAS
PIN:1402300050082
NO DEED BOOK
INFORMATION

NF
LISA MORGAN LORD
PIN: 14002300050090
DB 53201 PG 179

N/F
DAVID J & JACQUELINE
FRANKLIN
PIN:14002300050108
DB 55929 PG 406

N/F
MARIA DE TINOCO &
TORRES SECUNDINO
TINOCO
PIN:14002300050116
DB 53499 PG 290

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

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ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

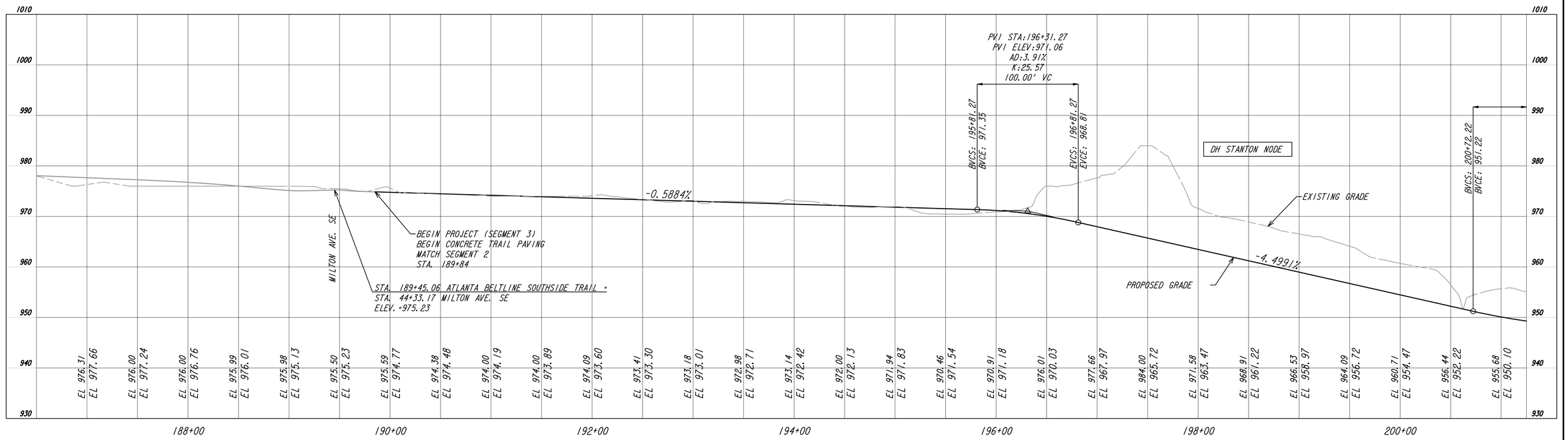
SCALE IN FEET
0 20 40 80

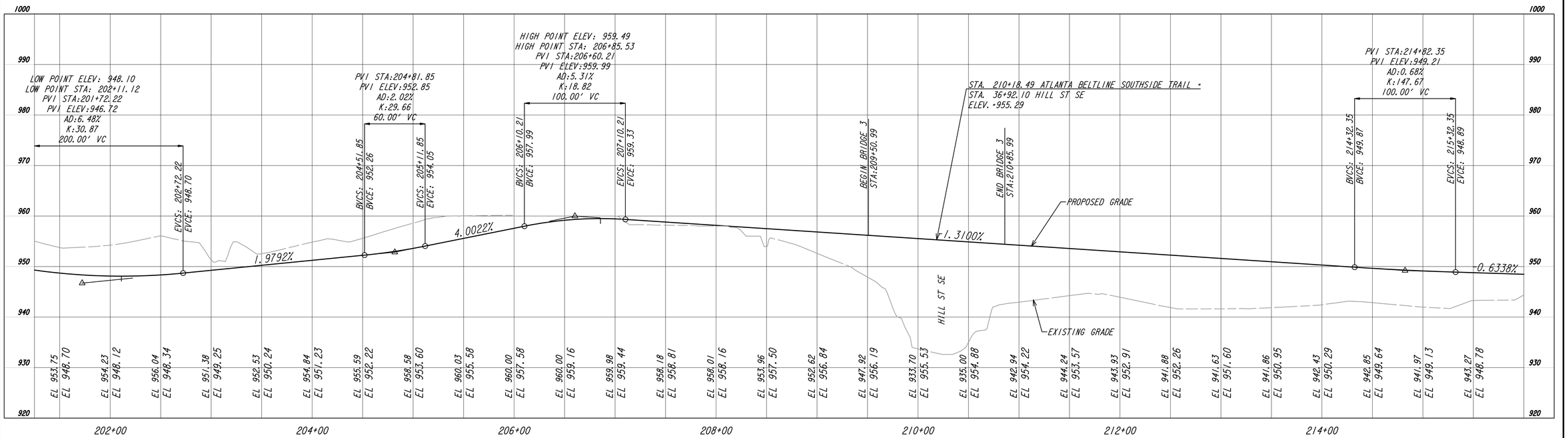
REVISION DATES

CONSTRUCTION PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
BOULEVARD SE STREETSCAPE PLAN

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		13-110
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN





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THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE: 1" = 50' HORIZ.
1" = 10' VERT.

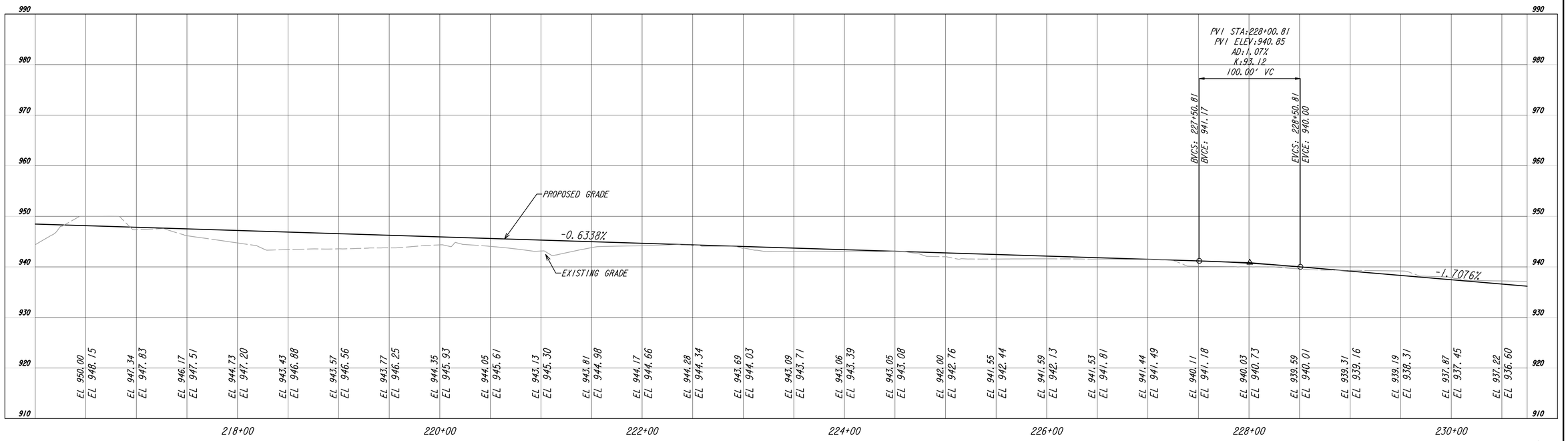
REVISION DATES

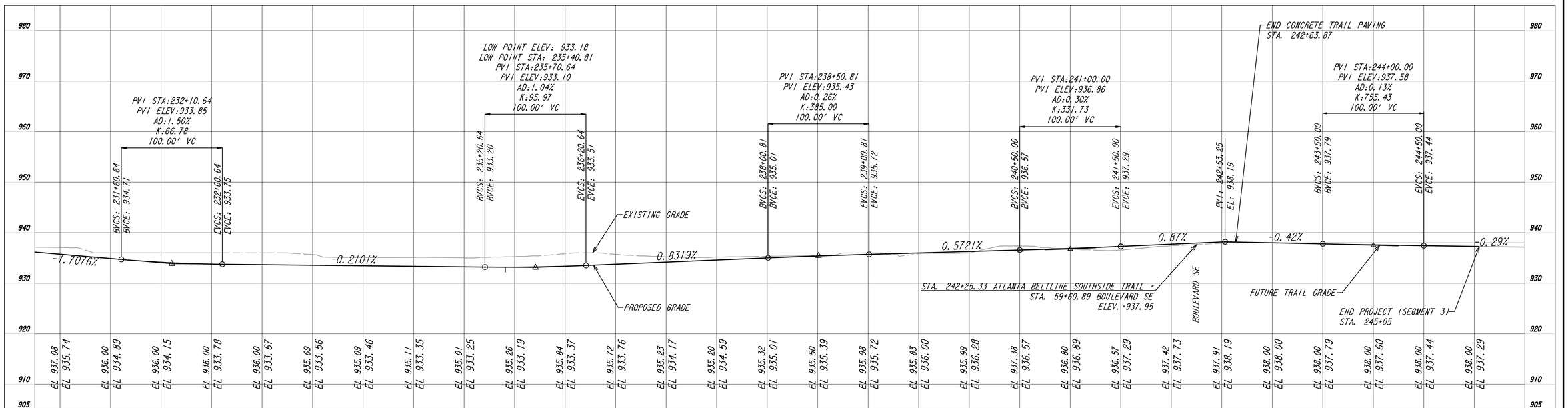
MAINLINE PROFILE

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		15-001
VERIFIED:		DATE:		

10/23/2015 GPLN





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SUITE 2300
ATLANTA, GA 30303
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THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE: 1" = 50' HORIZ.
1" = 10' VERT.

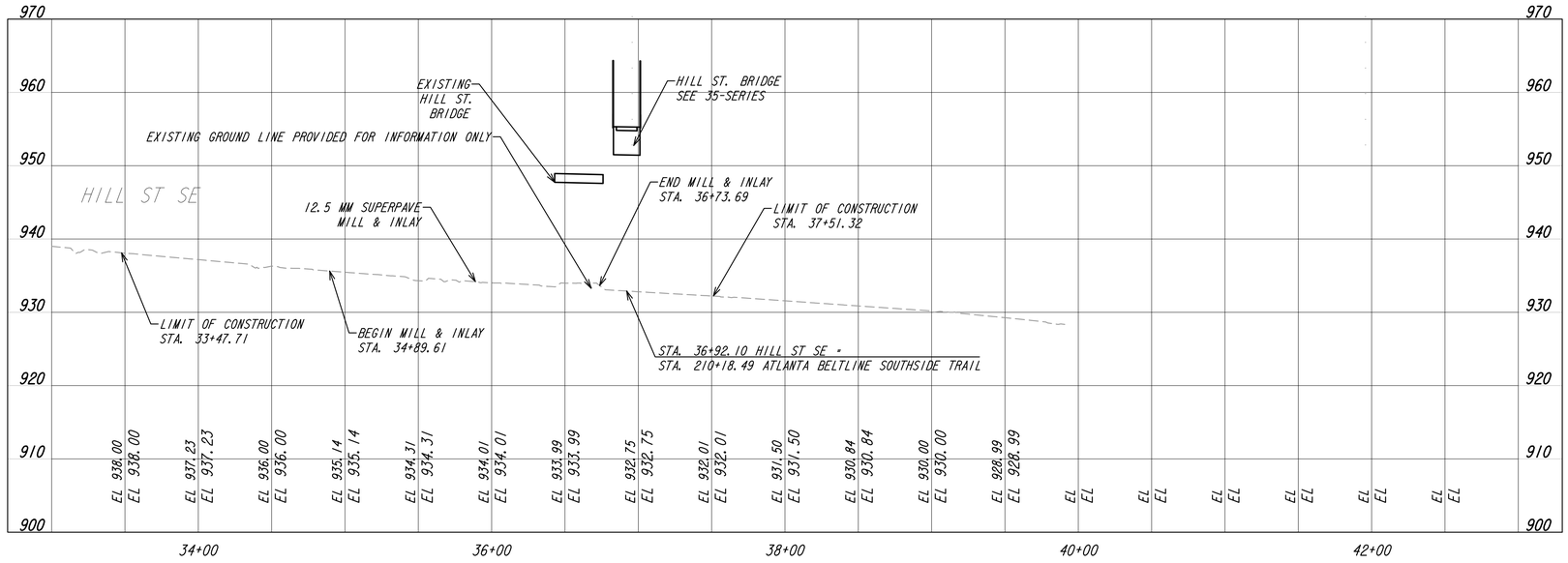
REVISION DATES

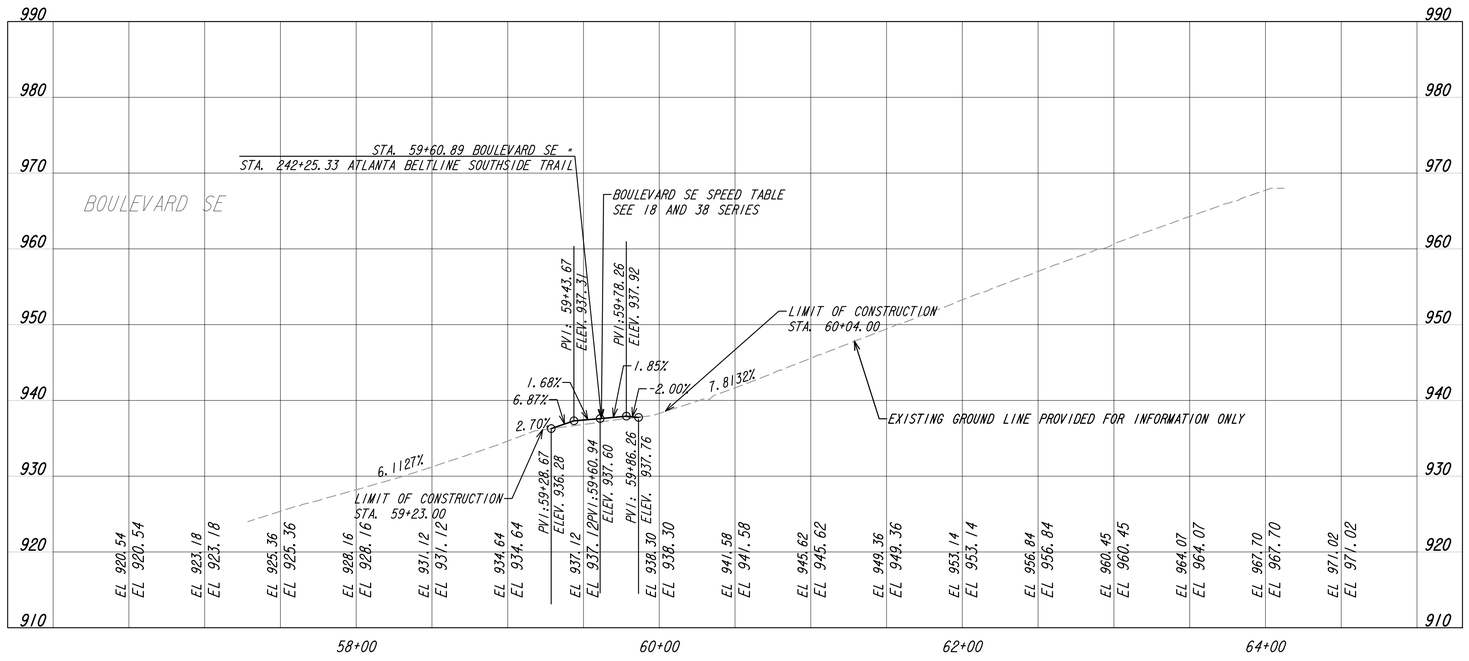
MAINLINE PROFILE

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		15-002
VERIFIED:		DATE:		

10/23/2015 GPLN





PROPERTY AND EXISTING R/W LINE —— ℄ ——
REQUIRED R/W LINE
CONSTRUCTION LIMITS — C — F —
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

Atlanta BeltLine
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

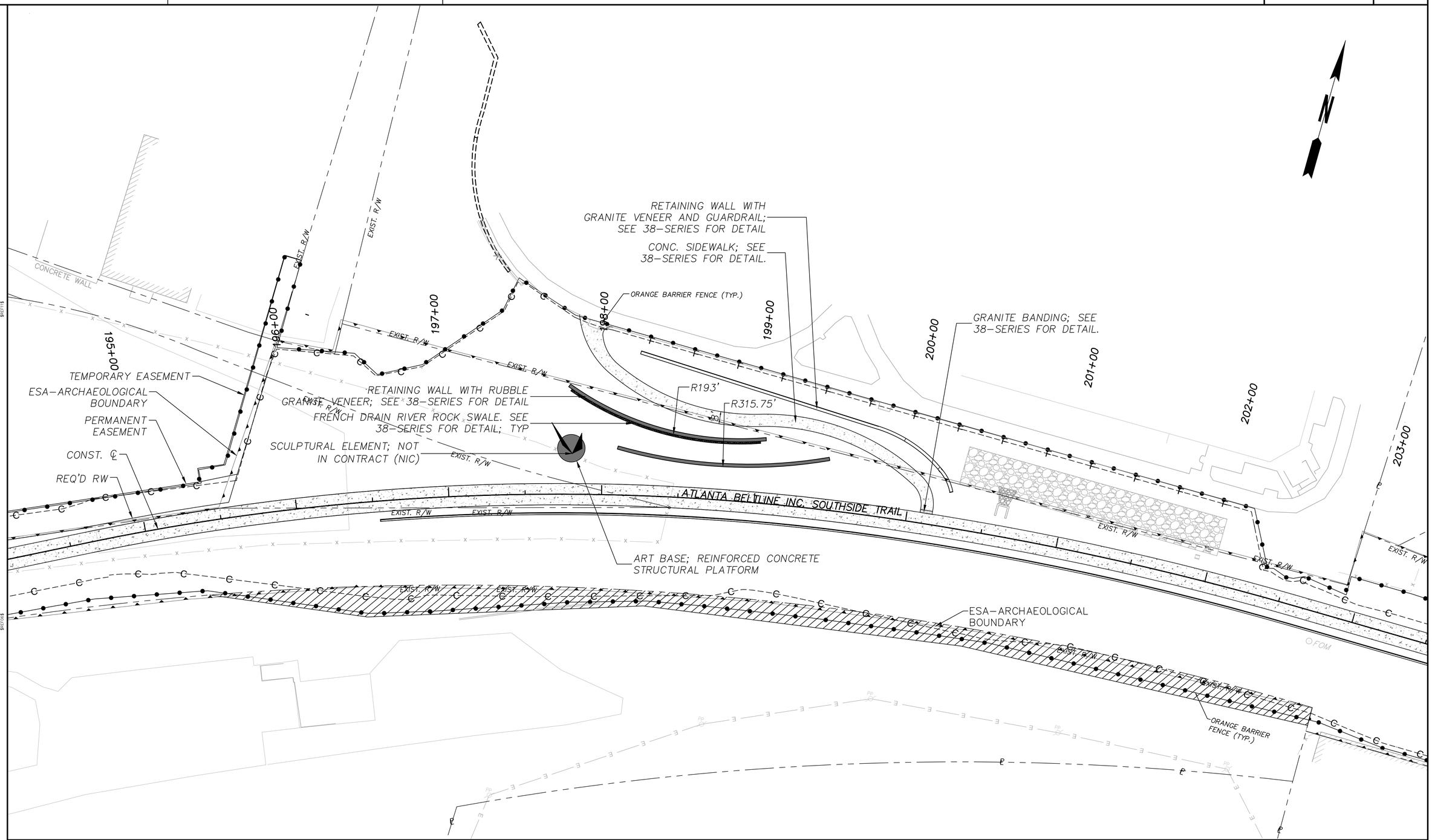
SCALE: 1" = 50' HORIZ.
1" = 10' VERT.

REVISION DATES

CROSSROAD PROFILE
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
HILL ST SE & BOULEVARD SE

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		16-100
VERIFIED:		DATE:		

10/23/2015 GPLN



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SUITE 2300
ATLANTA, GA 30303
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THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SURFACE 678, P.A.
215 MORRIS STREET, SUITE 150
DURHAM, NC 27701
WWW.SURFACE678.COM
TEL: (919) 419-1199
FAX: (919) 419-1669

SCALE IN FEET
0 30 60 120

REVISION DATES

SPECIAL GRADING
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
D.H. STANTON NODE

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		18-001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

N

EL:977.36
EL:973.14
EL:977.11
EL:972.58
EL:972.08
EL:975.69
EL:978.24
EL:977.06

EXIST. R/W
EXIST. R/W
EXIST. R/W
EXIST. R/W
EXIST. R/W
EXIST. R/W
EXIST. R/W
EXIST. R/W
EXIST. R/W
EXIST. R/W

TEMPORARY EASEMENT
ESA-ARCHAEOLOGICAL BOUNDARY
PERMANENT EASEMENT
REQ'D RW
CONST. ℄

00+161
3:1 MIN
3:1 MIN
3:1

970
960
950
965
955
956
945

ORANGE BARRIER FENCE (TYP.)
TW945.24
BW944.39
TW951.34
BW947.39
TW951.28
BW947.33
TW951.43
BW947.48
TW953.50
TW954.00
BW953.50
TW954.00
BW953.50
TW4.8%
TW1.45%
TW0.25%
TW0.63%
TW1.57%
TW0.92%
TW2.29%
TW4.32%
TW1.8%
ATLANTA BELTLINE INC. SOUTHSIDE TRAIL
LP 952.5
HP 954.5
TW948.72
BW949.37
TW959.78
BW956.54
TW959.32
BW955.37
TW958.73
BW955.22
TW952.14
BW948.40
TW955.98
BW952.36
TW950.85
BW950.50
BW950.00

964
963
962
961
960

10/23/2015 GPLN

Atlanta BeltLine
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SUITE 2300
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THE BILTMORE, SUITE 601
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ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

Surface
SURFACE 678, P.A.
215 MORRIS STREET, SUITE 150
DURHAM, NC 27701
WWW.SURFACE678.COM
TEL: (919) 419-1199
FAX: (919) 419-1669

SCALE IN FEET
0 20 40 80

REVISION DATES

SPECIAL GRADING
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
D.H. STANTON NODE

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		18-002
VERIFIED:		DATE:		

2/26/21 11:32 AM
Cook, Kyra (Shallkashvili)

K:\AMT_Roadway\019927006 ABI Southside Trail\CAD\-- SEGMENT 3 --\019927006_18-020-VERT_SEG_3.dwg

GRANT WAY SE

CONCRETE SIDEWALK
SEE 38 SERIES FOR DETAIL
RETAINING WALL WITH GRANITE VENEER
SEE 38 SERIES FOR DETAIL
GRANITE BANDING
SEE 38 SERIES FOR DETAIL

GRANITE CURB
SEE 38 SERIES FOR DETAIL
BOLLARD
SEE 38 SERIES FOR DETAIL

UTILITY POLE TO REMAIN

GRANT TERRACE SE

203+00 204+00 205+00 206+00 207+00 208+00

6' WOOD FENCE
EL: 962.09
EL: 949.62
CONC
EXIST. R/W
CONST. ℄
5' C/L FENCE
APPROX. DIR.
RCP
INLET
GRANITE CURB
SEE 38 SERIES FOR DETAIL

ATLANTA BELTLINE SOUTHSIDE TRAIL

PT 202+60.17

CSX ACTIVE RAIL

EL: 964.27
EL: 963.58
8' C/L FENCE W/ BARB WIRE
BUILDING FOUNDATION
ORANGE BARRIER FENCE (TYP.)

ESA - ARCHAEOLOGY BOUNDARY

N/F A & W R RR

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

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TEL: (404) 419-8700

SCALE IN FEET
0 20 40 80

REVISION DATES

SPECIAL GRADING
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
GRANT TERRACE CONNECTION

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		18-010
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

2/26/21 11:34 AM
Cook, Kyra (Shallkashvili)

K:\AMT_Roadway\019927006 ABI Southside Trail\CAD\-- SEGMENT 3 --\019927006_18-020-VERT_SEG_3.dwg

GRANT WAY SE

GRANT TERRACE PROFILE
SEE 18-022

GRANT TERRACE SE

203+00 204+00 205+00 206+00 207+00 208+00

1/2"RBF

6' WOOD FENCE

EL: 962.09

EL: 962.09

EL: 962.09

EL: 949.62

EL: 949.62

42"

EXIST. R/W

CONST. ℄

RWM

5' C/L FENCE

S89°38'08.3"E

S89°38'08.3"E

4.8%

7.5%

7.5%

1.5%

TC 946.86
BC 946.36
946.95

TC 946.72
BC 946.22
TC 947.21
BC 946.81
948.50

TC 947.51
BC 947.01
TC 947.12
BC 947.12

CSX ACTIVE RAIL

221

222

ORANGE BARRIER FENCE (TYP.)

5' C/L FENCE

8' C/L FENCE W/ BARB WIRE

BUILDING FOUNDATION

BUILDING FOUNDATION

BUILDING FOUNDATION

CONC

ESA - ARCHAEOLOGY BOUNDARY

N/F

N

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

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SCALE IN FEET
0 20 40 80

REVISION DATES

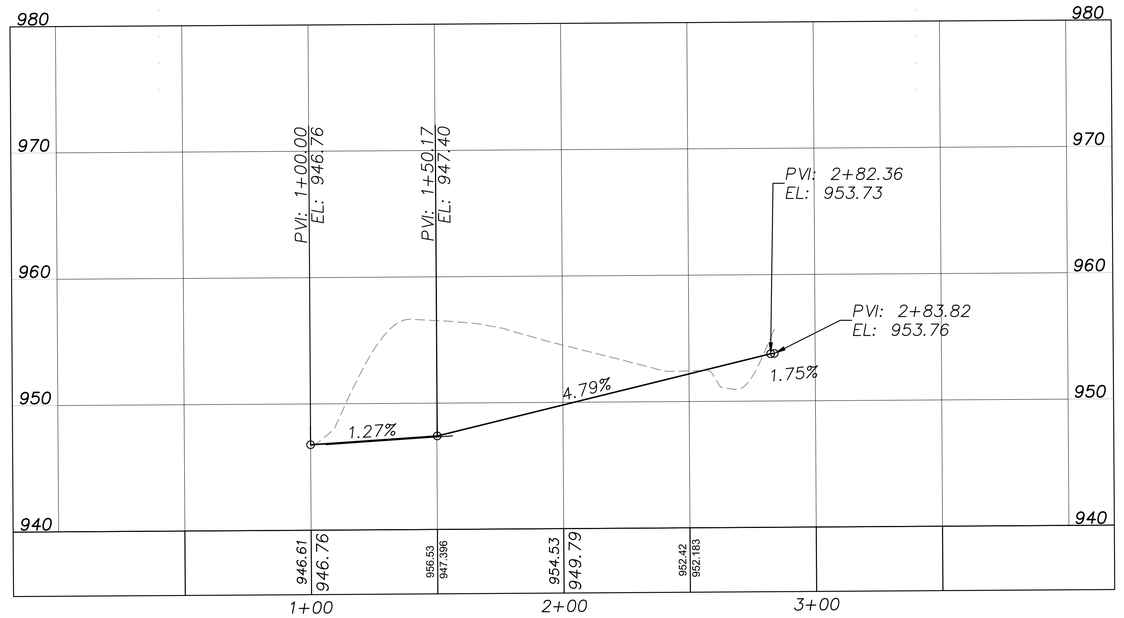
SPECIAL GRADING

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

GRANT TERRACE CONNECTION

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		18-011
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



GRANT TERRACE PROFILE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE: 1" = 30' HORIZ.
SCALE IN FEET
0 20 40 80

REVISION DATES

SPECIAL GRADING
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
GRANT TERRACE CONNECTION PROFILE

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		18-012
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

RETAINING WALL WITH GRANITE VENEER
SEE 38-SERIES FOR DETAIL

42" FALL PROTECTION RAILING (TYP)
SEE 38-SERIES FOR DETAIL

GRANITE BANDING (TYP)
SEE 38-SERIES FOR DETAIL

GRANITE CURB
SEE 38-SERIES FOR DETAIL
LANDING (TYP)

TACTILE WARNING PAVERS (TYP)
FIXED BOLLARD
SEE 38-SERIES FOR DETAIL
6" CURB
COA STD TRENCH DRAIN AND COVER PLATE
LANDSCAPE AND BIO-SWALE AREA
GRANITE WEIR
SEE 38-SERIES FOR DETAIL (TYP.)

GRANT STREET

HILL ST. SSE

L.L.L. 55
L.L.L. 42

R.R. TIE WALL

EXIST. R/W

CONC. S/W

210+00
211+00
211+00
212+00
213+00
214+00
215+00
216+00
216+00

BRICK DUMPSTER

1 STY BRICK BLDG

ROCK WALL

EXIST. R/W

CONST. ℄

AREA I

CHAIN LINK FENCE BARRIER
60" HT-BOTH SIDES OF HILL STREET
SEE 38-SERIES DETAILS

N 36°29'21" E HILL ST SE

GRANITE WALL

EXIST. R/W

ORANGE BARRIER FENCE (TYP.)

CONC. SIDEWALK
SEE 38-SERIES FOR DETAIL

LANDING (TYP)

HANDRAIL (TYP)
SEE 38-SERIES FOR DETAIL

RIP RAP SLOPE STABILIZATION (TYP)

PROPERTY AND EXISTING R/W LINE — ℄ —
REQUIRED R/W LINE
CONSTRUCTION LIMITS — C — F —
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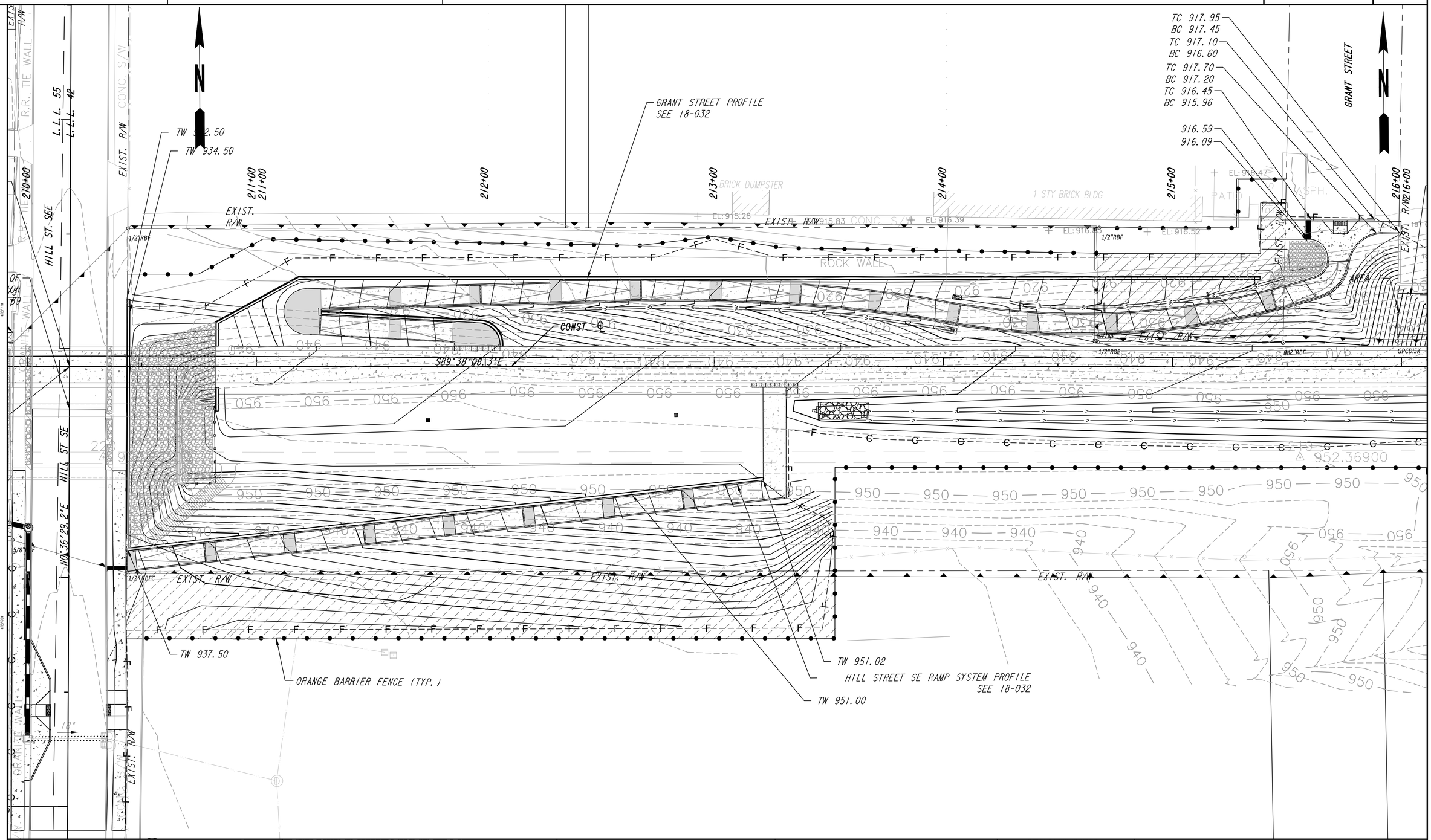
SCALE IN FEET
0 20 40 80

REVISION DATES

SPECIAL GRADING
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
HILL ST RAMP SYSTEMS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		18-020
CORRECTED:		DATE:		
VERIFIED:		DATE:		



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

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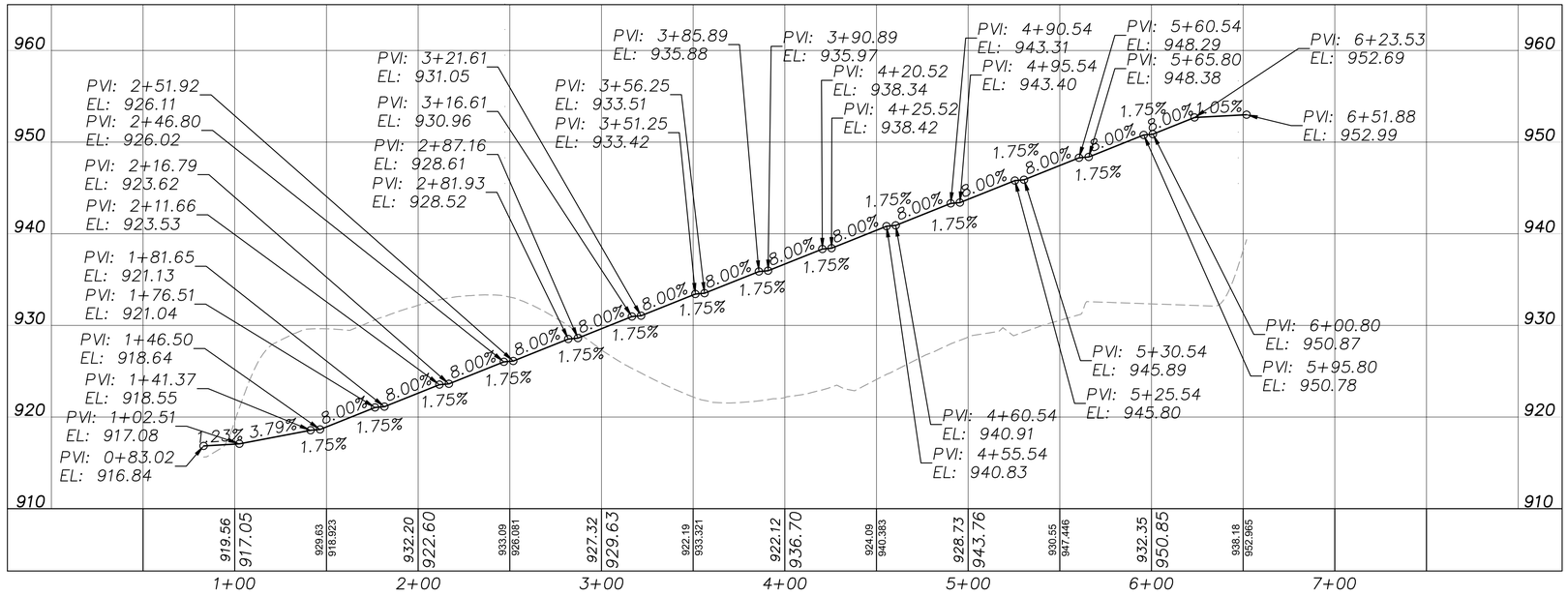
SCALE IN FEET
0 20 40 80

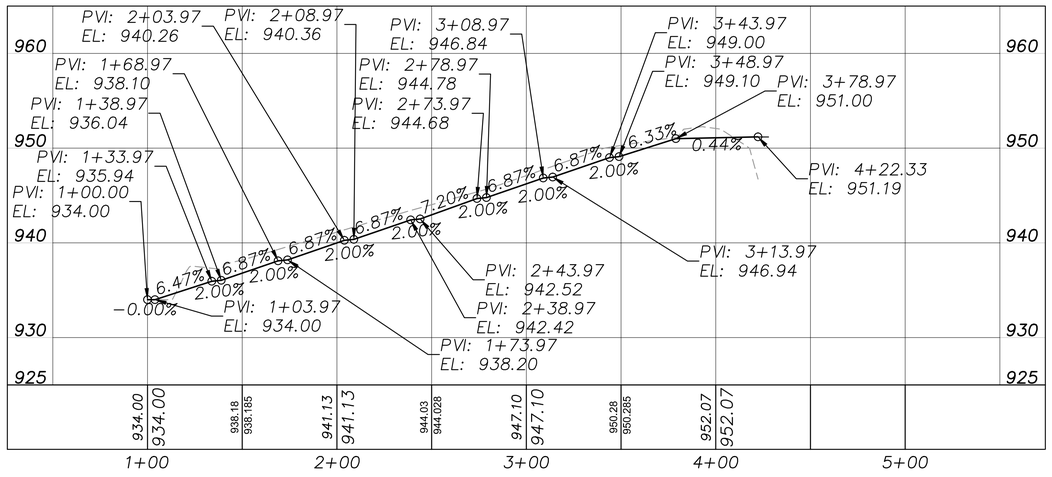
REVISION DATES

SPECIAL GRADING
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
HILL ST RAMP SYSTEMS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		18-021
CORRECTED:		DATE:		
VERIFIED:		DATE:		



GRANT STREET RAMP SYSTEM PROFILE



HILL STREET SE RAMP SYSTEM PROFILE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

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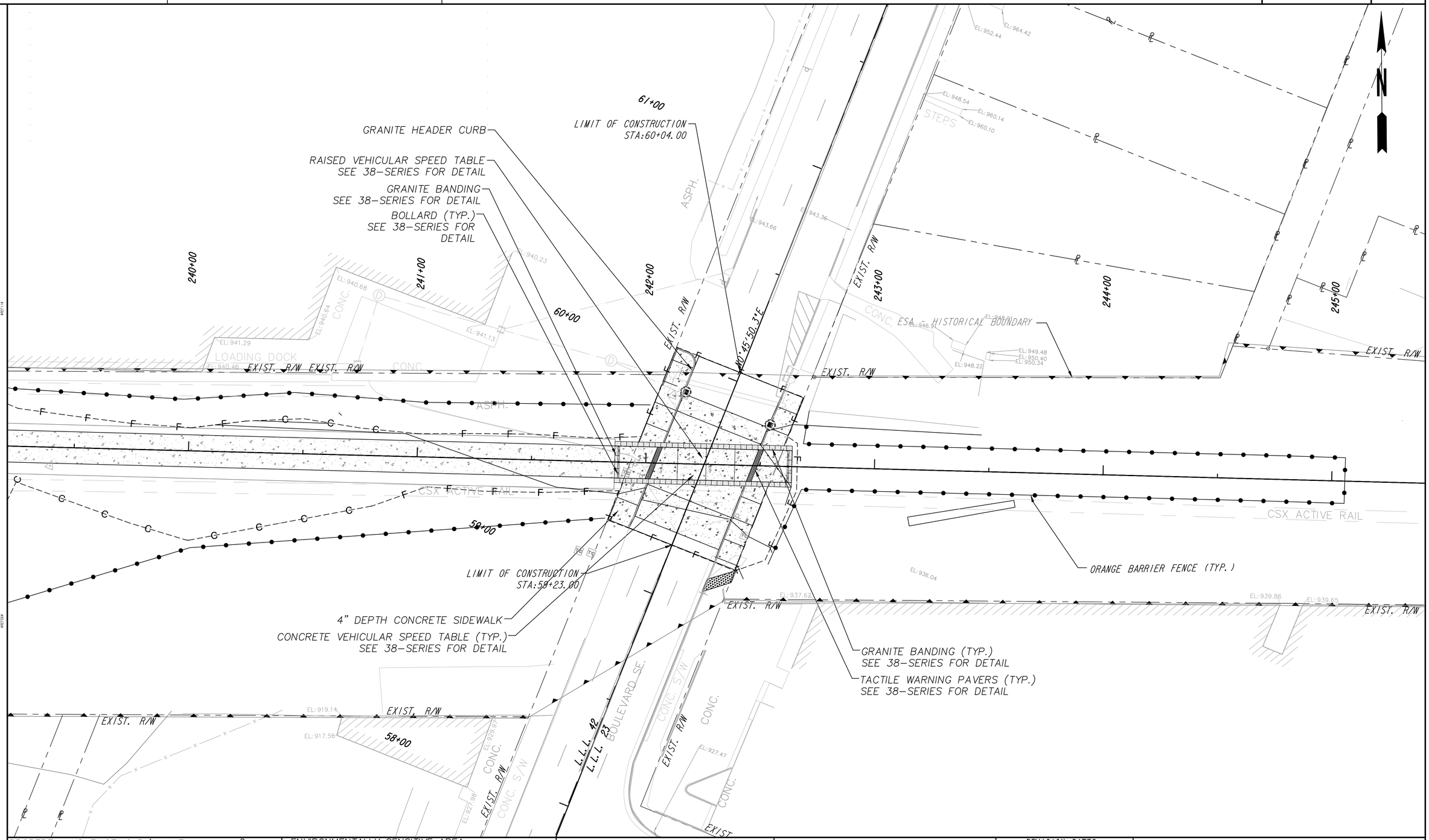
SCALE: 1" = 40' HORIZ.
SCALE IN FEET
0 20 40 80

REVISION DATES

SPECIAL GRADING
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
HILL ST RAMP SYSTEM PROFILES

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		18-022
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



PROPERTY AND EXISTING R/W LINE — ℄
REQUIRED R/W LINE
CONSTRUCTION LIMITS — C — F
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
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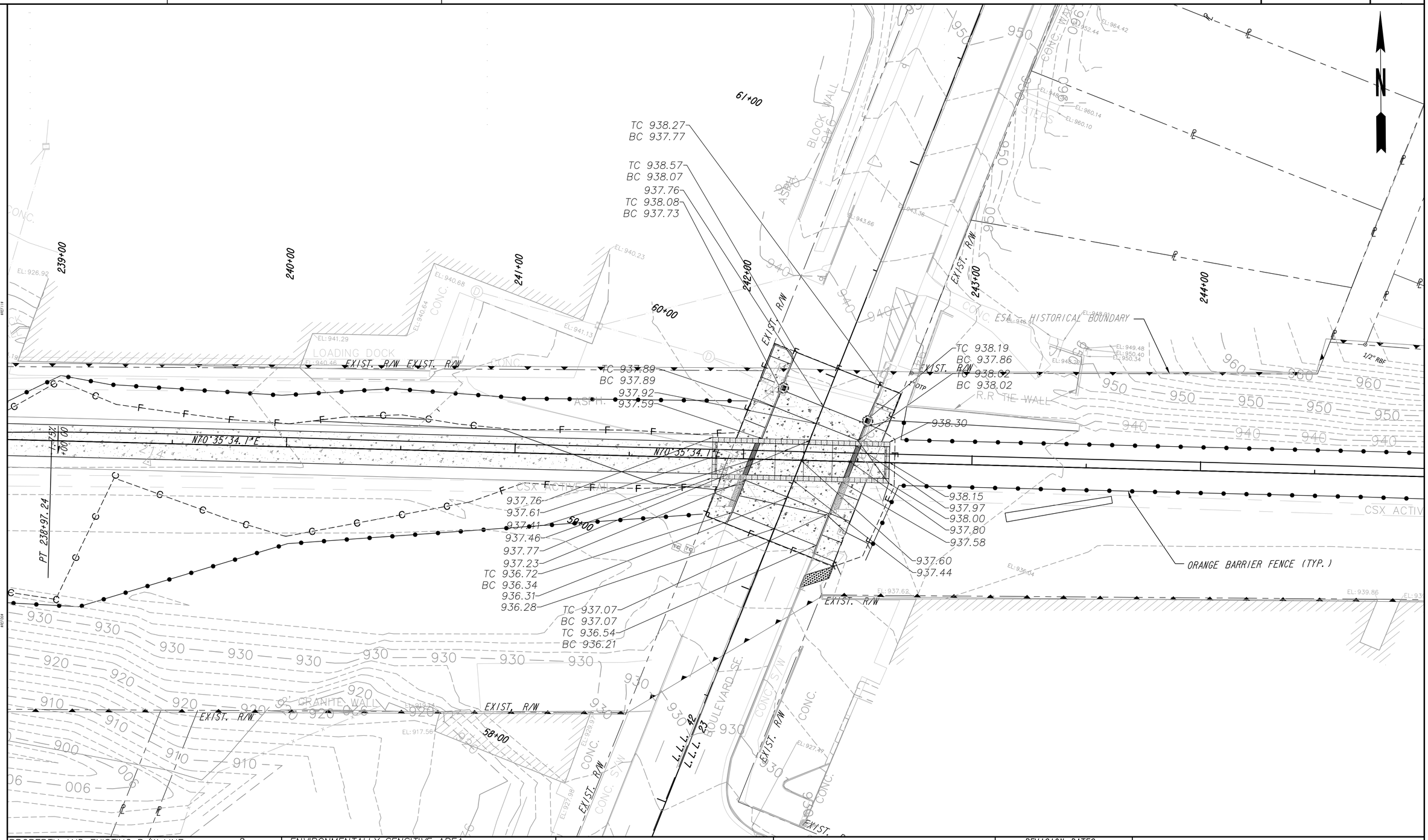
SCALE IN FEET
0 20 40 80

REVISION DATES

SPECIAL GRADING
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
BOULEVARD AT-GRADE CROSSING

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		18-030
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



PROPERTY AND EXISTING R/W LINE —℄—
REQUIRED R/W LINE
CONSTRUCTION LIMITS — C — F —
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

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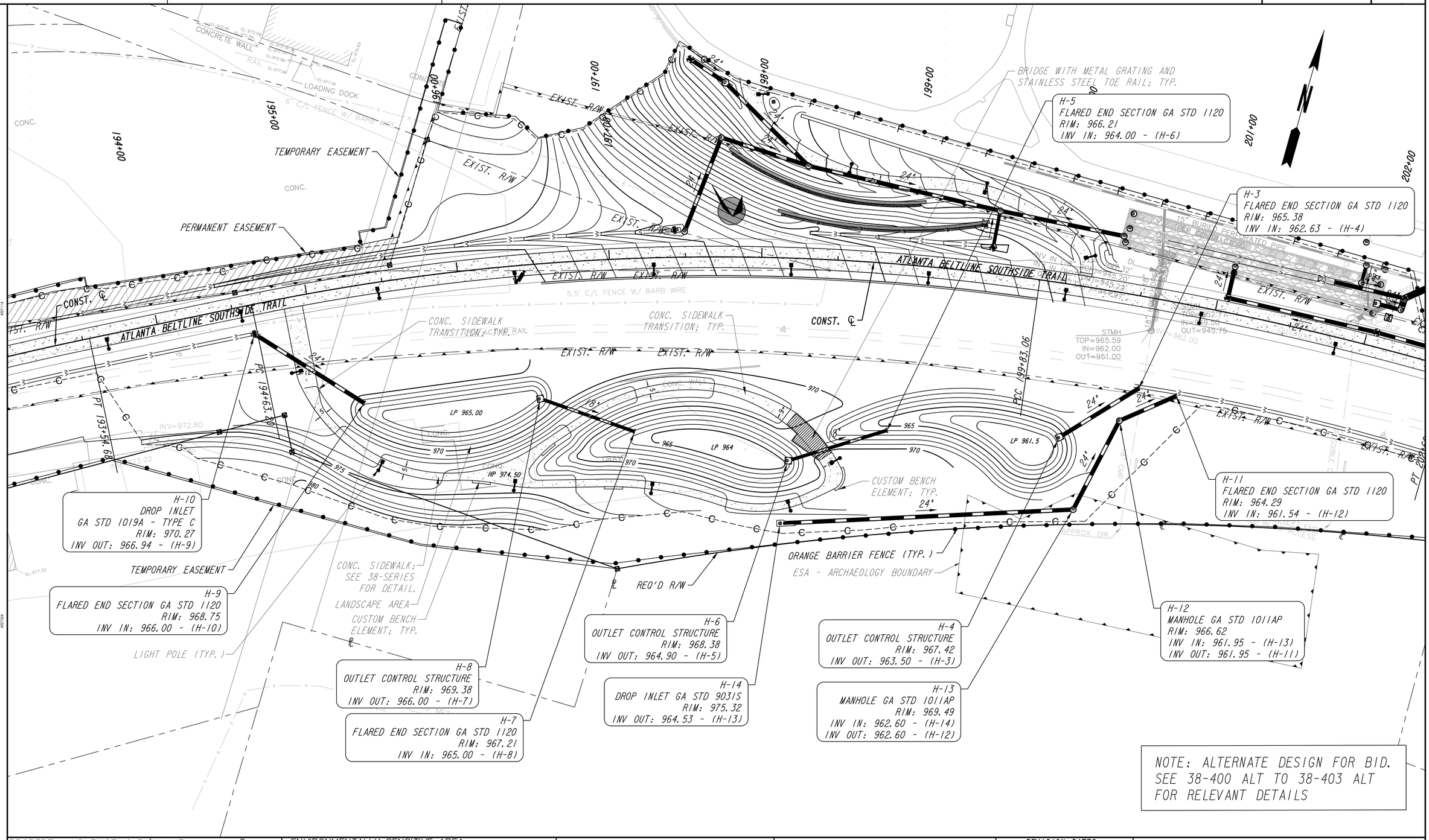
SCALE IN FEET
0 20 40 80

REVISION DATES

SPECIAL GRADING
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
BOULEVARD AT GRADE CROSSING

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		18-031
VERIFIED:		DATE:		

10/23/2015 GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
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SCALE IN FEET
0 30 60 120

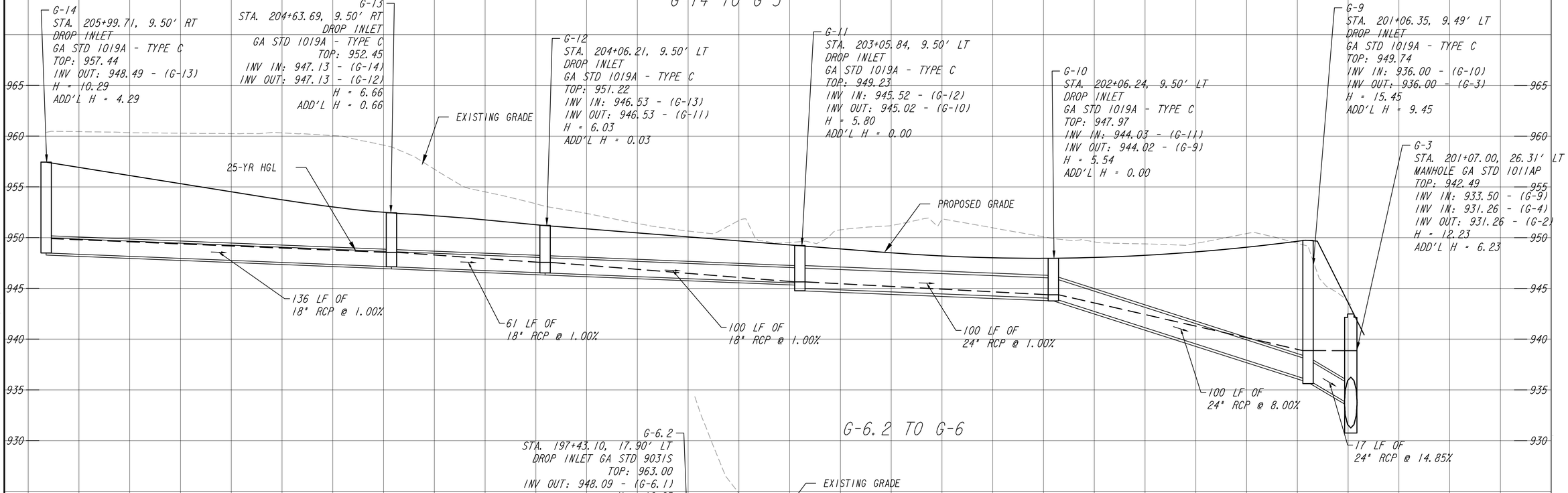
REVISION DATES

SPECIAL GRADING
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
D.H. STANTON SOUTH ALTERNATE DESIGN

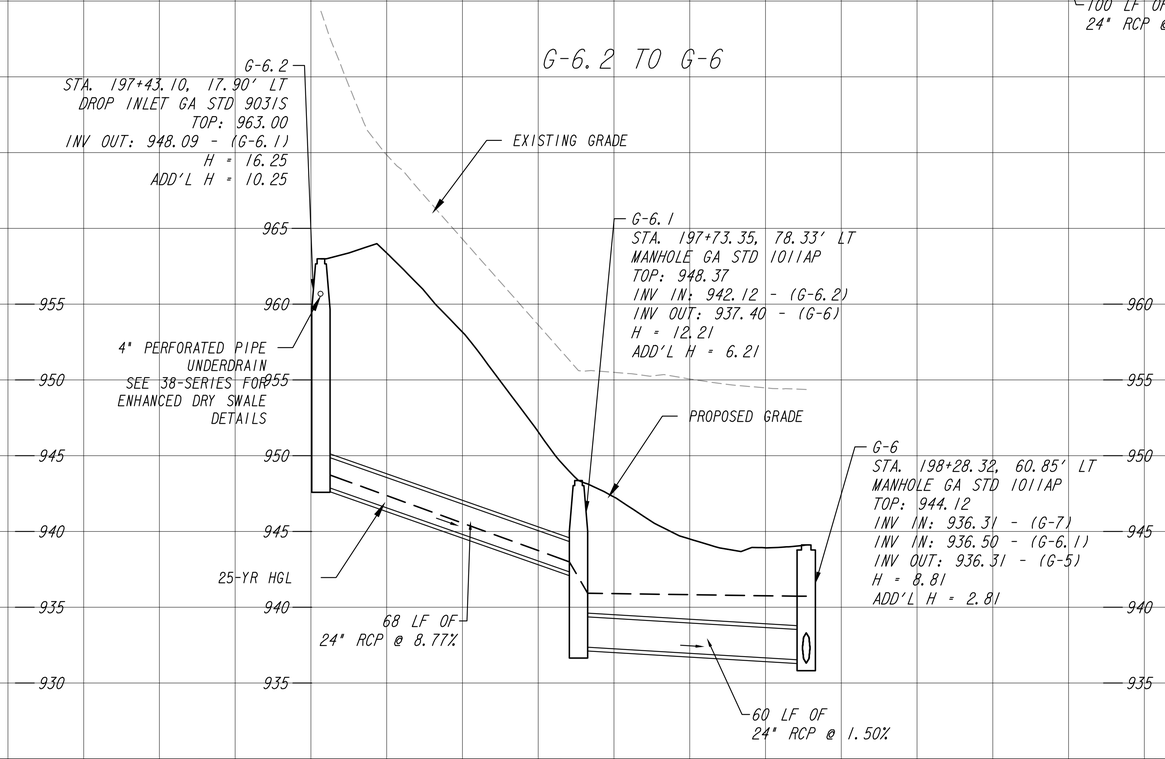
CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	18-040 ALT
VERIFIED:		DATE:	

10/23/2015 GPLN

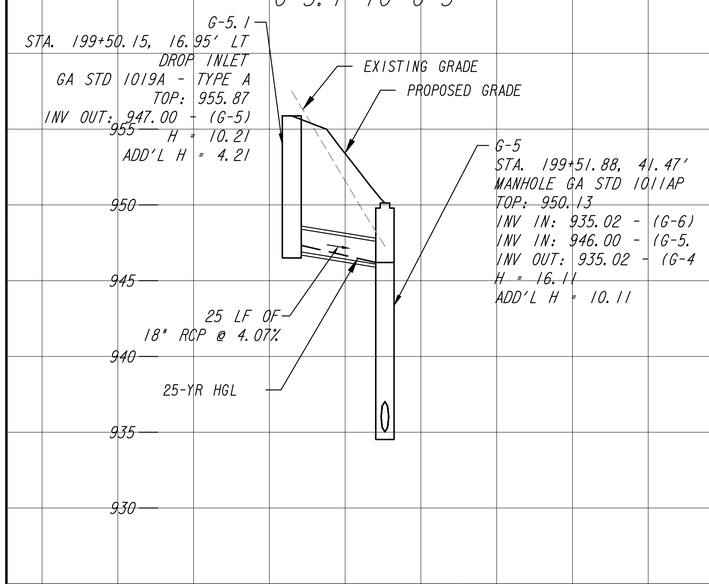
G-14 TO G-3



G-6.2 TO G-6



G-5.1 TO G-5



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ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

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

REVISION DATES

DRAINAGE PROFILES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		22-001
VERIFIED:		DATE:		

10/23/2015 GPLN

Cook, Kyra (Shallkashvili)

G-8 TO G-0

G-8
STA. 197+54.51, 129.80' LT
DROP INLET
GA STD 1019A - TYPE A
TOP: 943.03
INV OUT: 937.36 - (G-7)
H = 7.00
ADD'L H = 1.00

G-7
STA. 197+75.70, 114.43' LT
DROP INLET GA STD 1019A - TYPE A
TOP: 942.02
INV IN: 937.09 - (G-8)
INV OUT: 937.09 - (G-6)
H = 6.27
ADD'L H = 0.27

G-6
STA. 198+28.32, 60.85' LT
MANHOLE GA STD 1011AP
TOP: 944.12
INV IN: 936.31 - (G-7)
INV IN: 936.50 - (G-6.1)
INV OUT: 936.31 - (G-5)
H = 8.81
ADD'L H = 2.81

G-5
STA. 199+51.88, 41.47' LT
MANHOLE GA STD 1011AP
TOP: 950.13
INV IN: 935.02 - (G-6)
INV IN: 946.00 - (G-5.1)
INV OUT: 935.02 - (G-4)
H = 16.11
ADD'L H = 10.11

G-4
STA. 200+34.42, 32.94' LT
MANHOLE GA STD 1011AP
TOP: 942.96
INV IN: 934.29 - (G-5)
INV OUT: 931.29 - (G-3)
H = 12.67
ADD'L H = 6.67

G-3
STA. 201+07.00, 26.31' LT
MANHOLE GA STD 1011AP
TOP: 942.49
INV IN: 933.50 - (G-9)
INV IN: 931.26 - (G-4)
INV OUT: 931.26 - (G-2)
H = 12.23
ADD'L H = 6.23

G-2
STA. 202+00.47, 21.04' LT
MANHOLE GA STD 1011AP
TOP: 943.92
INV IN: 931.20 - (G-3)
INV OUT: 931.20 - (G-1)
H = 14.06
ADD'L H = 8.06

G-1
STA. 202+11.02, 20.82' LT
OUTLET CONTROL STRUCTURE
TOP: 945.15
INV IN: 931.20 - (G-2)
INV OUT: 935.60 - (G-0)
H = 14.45
ADD'L H = 8.45

G-0
STA. 202+17.93, 35.75' LT
MANHOLE GA STD 1011AP
DETAIL D-18
TOP: 939.91
INV IN: 935.50 - (G-12)
INV IN: 935.50 - (G-1)
INV OUT: 934.00 - (DH-0)
H = 6.91
ADD'L H = 0.91

EXISTING GRADE
PROPOSED GRADE

960 955 950 945 940 935 930

28 LF OF
24" RCP @ 1.00%

77 LF OF
24" RCP @ 1.00%

25-YR HGL

129 LF OF
24" RCP @ 1.00%

85 LF OF
24" RCP @ 0.86%

74 LF OF
60" RCP @ 0.04%

INFILTRATION BED

POND G
TRIPLE BARREL 60" RCP
UNDERGROUND DETENTION FACILITY

95 LF OF
60" RCP @ 0.06%

11 LF OF
60" RCP @ 0.00%

16 LF OF
24" RCP @ 0.61%

85 LF OF
42" RCP @ 3.87%

G-19 TO G-0

EXISTING GRADE
PROPOSED GRADE

G-19
STA. 201+65.52, 34.92' LT
FLARED END SECTION GA STD 1120
INV OUT: 936.03

945 940 935 930

25-YR HGL

G-0
STA. 202+17.93, 35.75' LT
MANHOLE GA STD 1011AP
DETAIL D-18
TOP: 939.91
INV IN: 935.50 - (G-19)
INV IN: 935.50 - (G-1)
INV OUT: 934.00 - (DH-0)
H = 6.91
ADD'L H = 0.91

85 LF OF
42" RCP @ 3.87%

53 LF OF
24" RCP @ 1.00%

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

REVISION DATES

DRAINAGE PROFILES
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	
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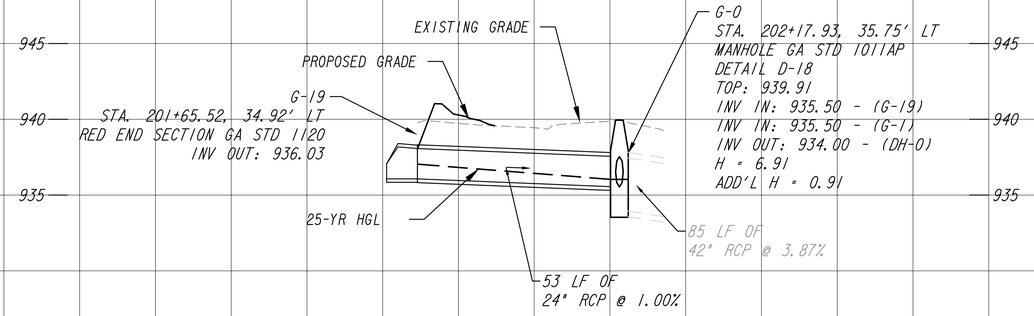
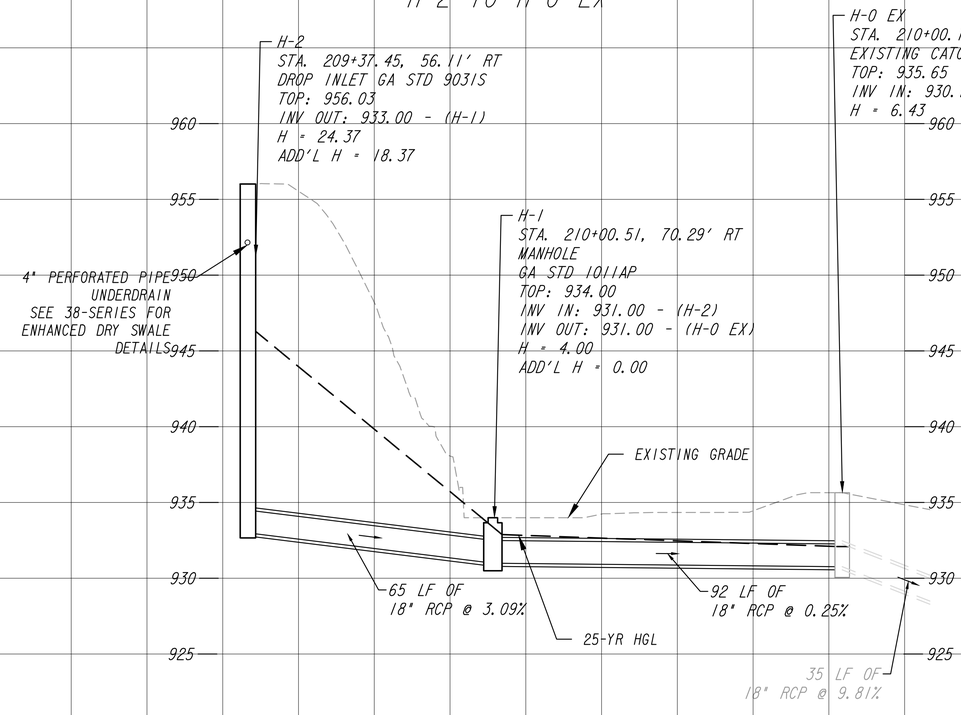
VERIFIED:		DATE:	

G-19 TO G-0



H-2 TO H-0 EX



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1" = 5' VERT.

REVISION DATES

DRAINAGE PROFILES
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
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VERIFIED:		DATE:		

10/23/2015 GPLN

J-6 TO J-3 EX

J-6
STA. 224+94.56, 20.87' RT
DROP INLET
GA STD 9031S
TOP: 940.46
INV OUT: 935.34 - (J-5 EX)
H = 6.46
ADD'L H = 0.46

J-5 EX
STA. 224+95.49, 15.68' LT
EXISTING MANHOLE
TOP: 941.77
INV IN: 934.12 - (J-6)
INV OUT: 924.12
H = 18.903
CONTRACTOR TO ADJUST TOP TO GRADE

J-4 EX
STA. 225+19.35, 55.16' LT
EXISTING MANHOLE
TOP: 928.48
INV IN: 920.12 - (J-5 EX)
INV OUT: 910.00
H = 19.478
CONTRACTOR TO ADJUST TOP TO GRADE

J-3 EX
STA. 226+01.44, 104.18' LT
FLARED END SECTION GA STD 1120
TOP: 909.75
INV IN: 907.00 - (J-4 EX)
H = 13.96

25-YR HGL
PROPOSED GRADE
EXISTING GRADE
37 LF OF 24" RCP @ 3.32%
46 LF OF 24" RCP @ 8.72%
92 LF OF 24" RCP @ 3.25%

950 945 940 935 930 925 920 915 910 905 900 895

J-13 WITH COLLAR

J-1
STA. 220+87.97, 3.50' LT
MANHOLE GA STD 1011AP
TOP: 945.43
INV IN: 928.00 - ()
INV OUT: 922.29 - (J-0 COLLAR)
H = 24.40
ADD'L H = 18.40

J-0 COLLAR
STA. 220+87.29, 14.05' LT
PIPE COLLAR
TOP: 937.47
INV IN: 921.60 - (J-1)
INV OUT: 921.61 - ()
H = 17.21
ADD'L H = 11.21

PROPOSED GRADE
EXISTING GRADE
38 LF OF 24" RCP @ 1.86%
25-YR HGL
11 LF OF 24" RCP @ 6.50%
22 LF OF 24" RCP @ 6.50%

950 945 940 935 930 925 920 915

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

REVISION DATES

DRAINAGE PROFILES
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		22-004
CORRECTED:		DATE:		
VERIFIED:		DATE:		

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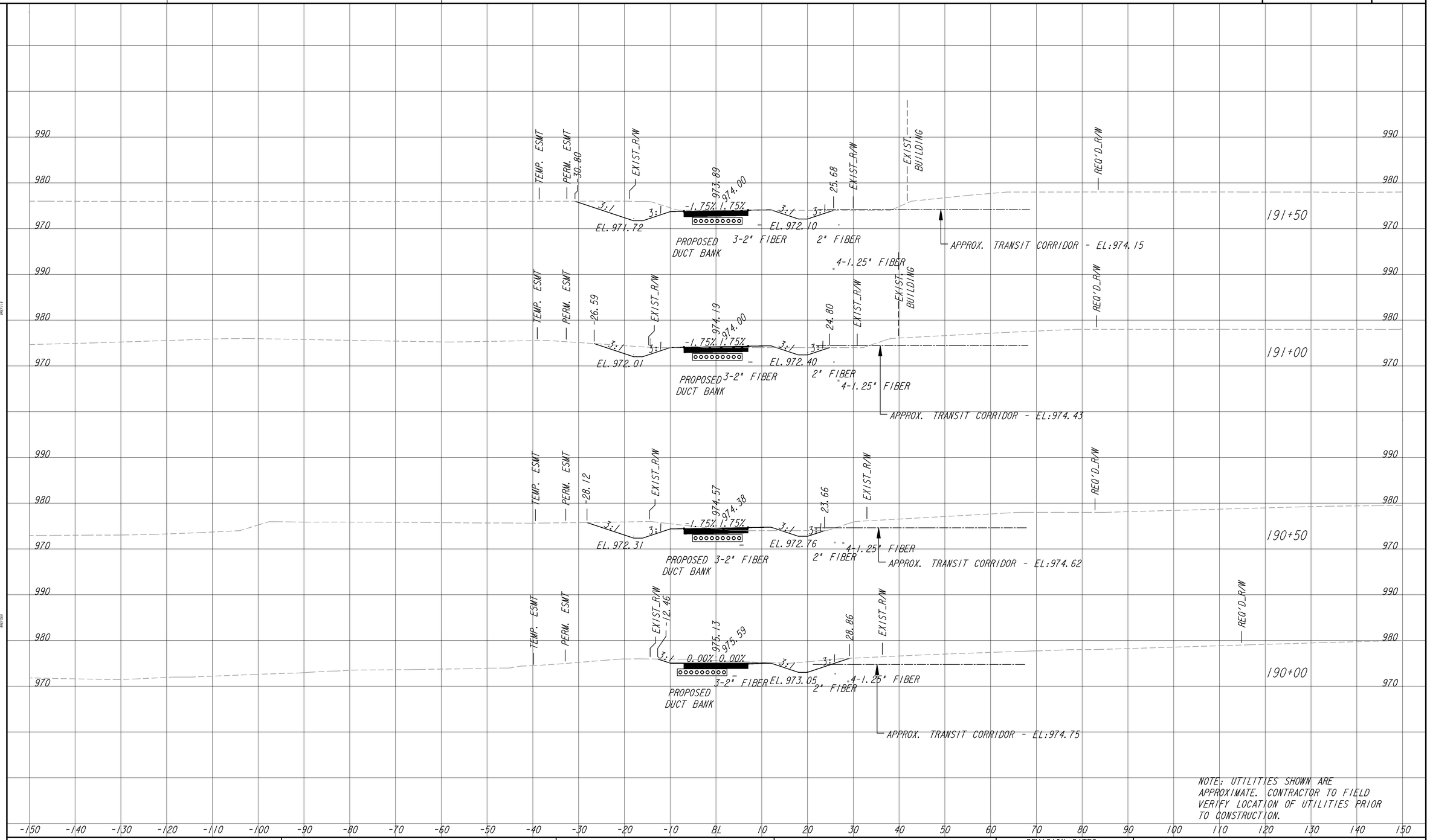

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TEL: (404) 419-8700

SCALE IN FEET
0 10 20 40

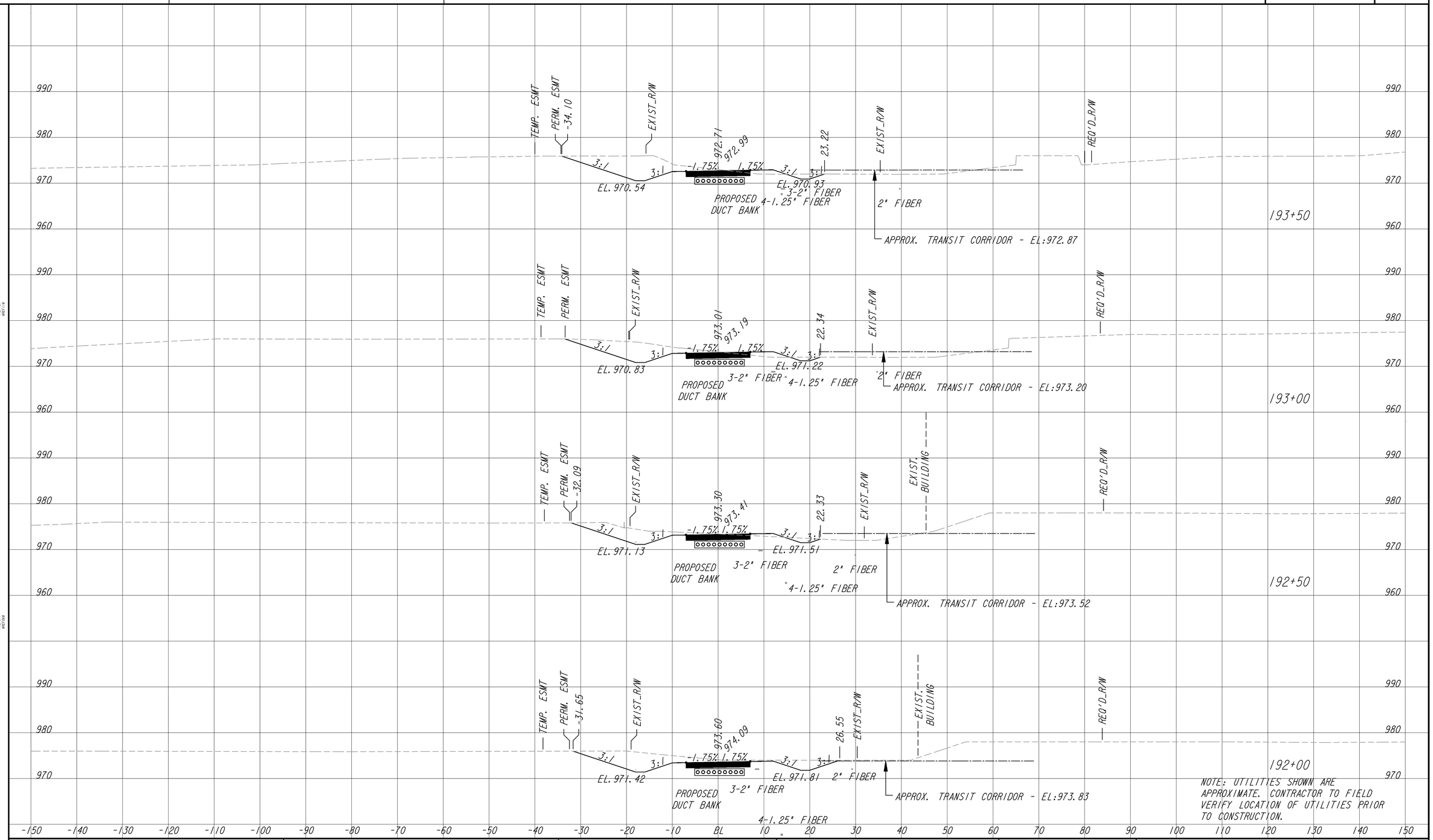
REVISION DATES

EARTHWORK CROSS SECTIONS

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



NOTE: UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOCATION OF UTILITIES PRIOR TO CONSTRUCTION.

ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

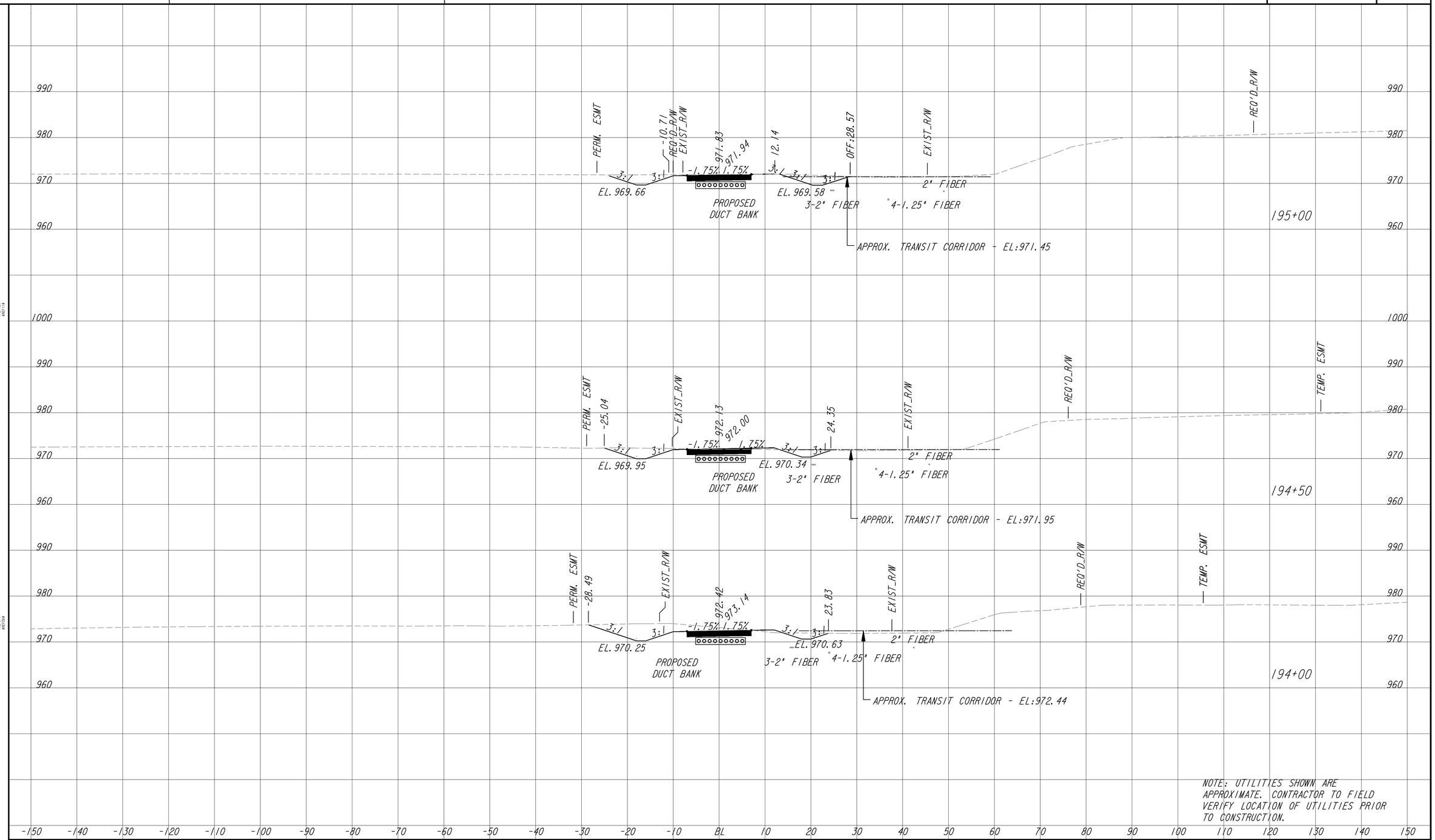
SCALE IN FEET
0 10 20 40

REVISION DATES

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		23-002
VERIFIED:		DATE:		

10/23/2015 GPLN



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SCALE IN FEET
0 10 20 40

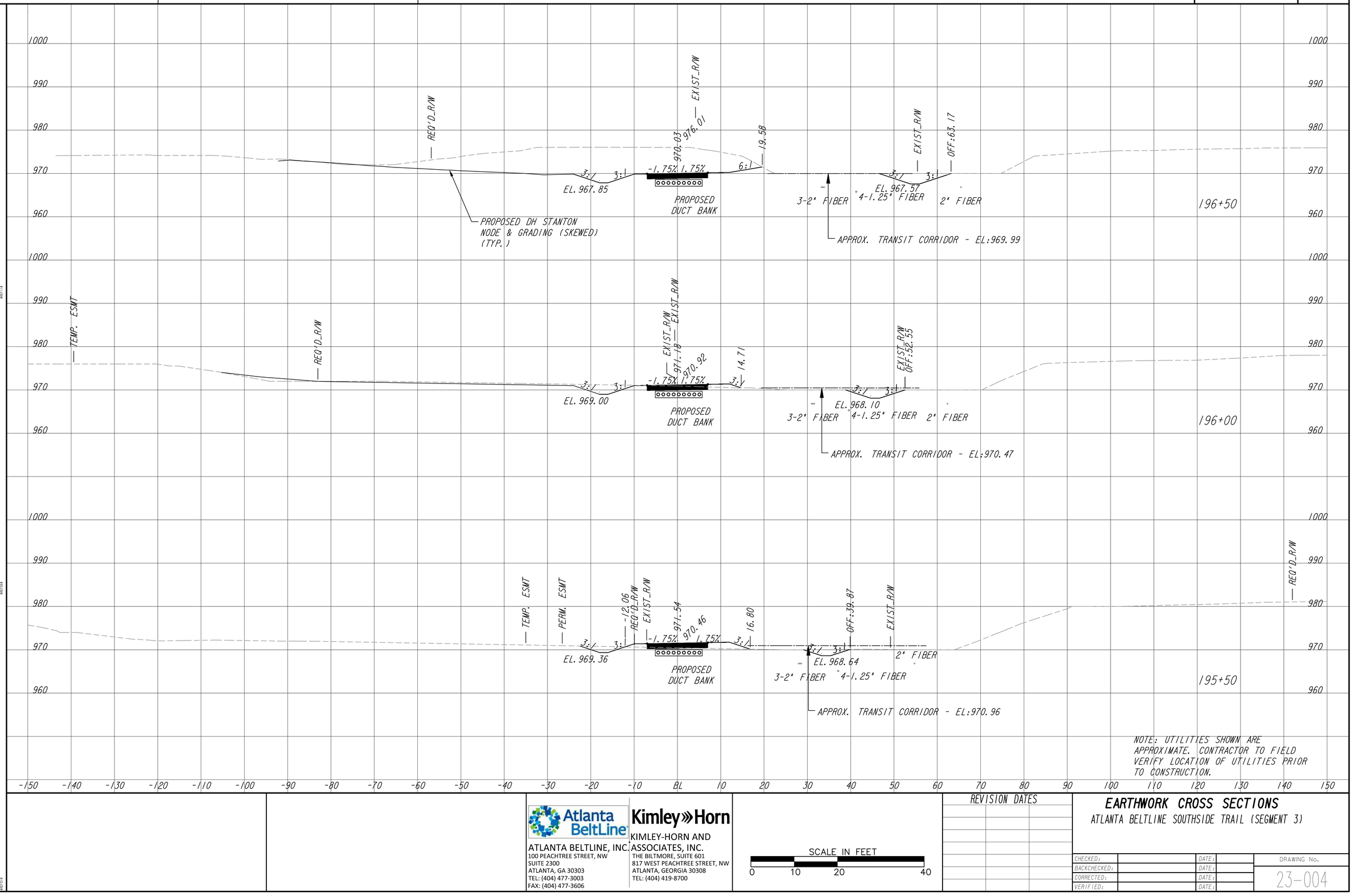
REVISION DATES

EARTHWORK CROSS SECTIONS

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-003
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



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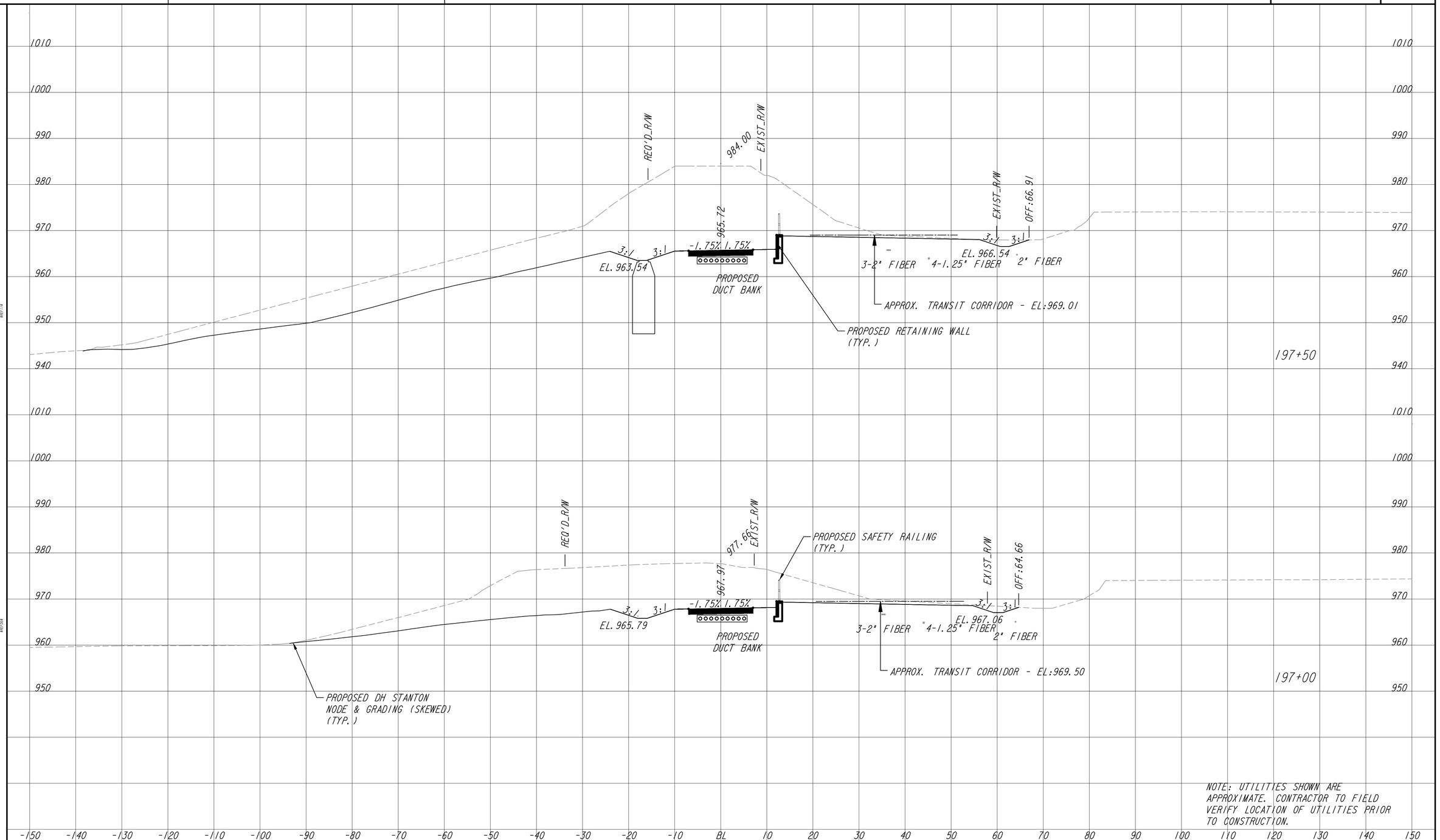
0 10 20 40

REVISION DATES

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-004
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



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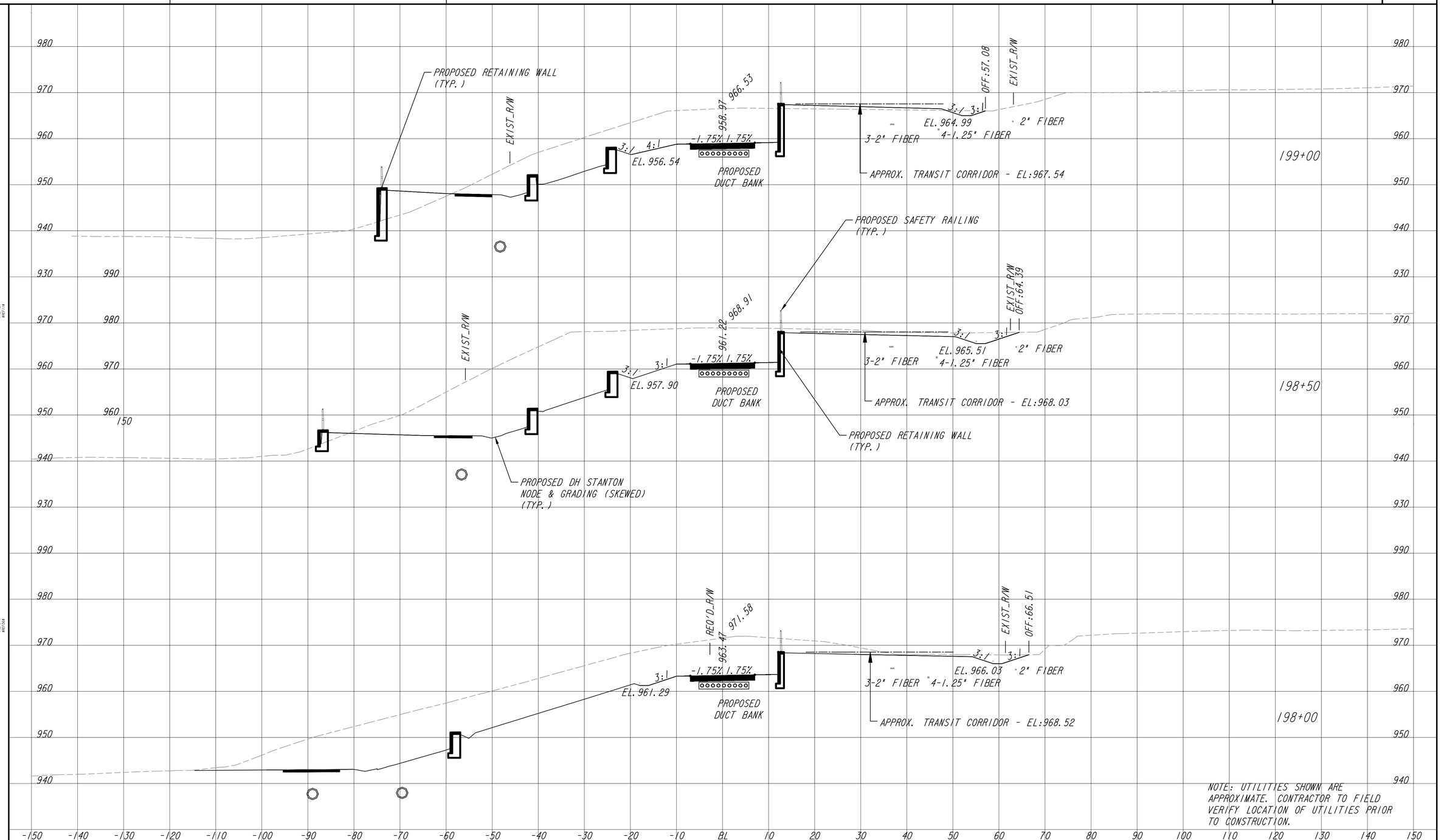
REVISION DATES

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-005
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



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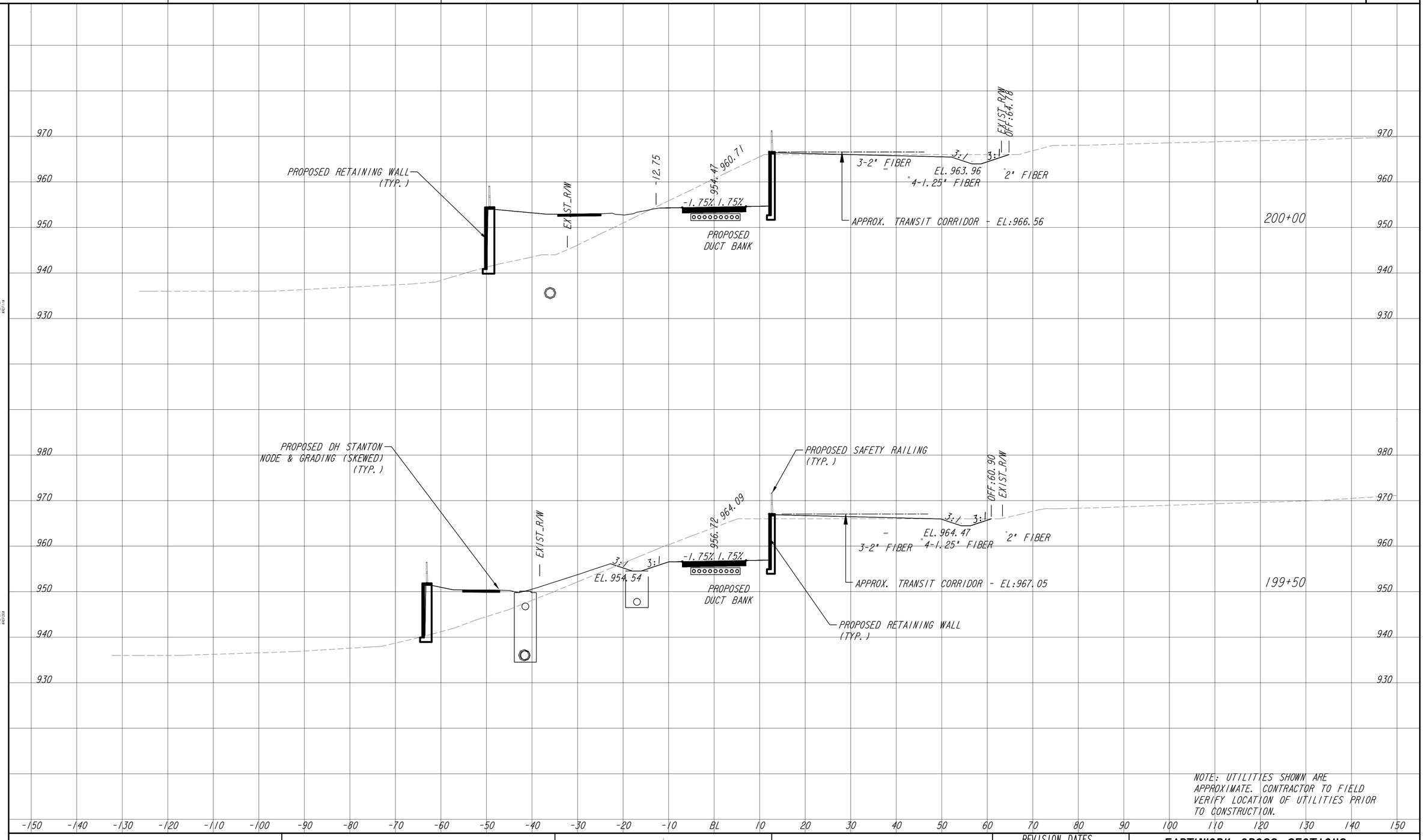
0 10 20 40

REVISION DATES

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-006
CORRECTED:		DATE:		
VERIFIED:		DATE:		



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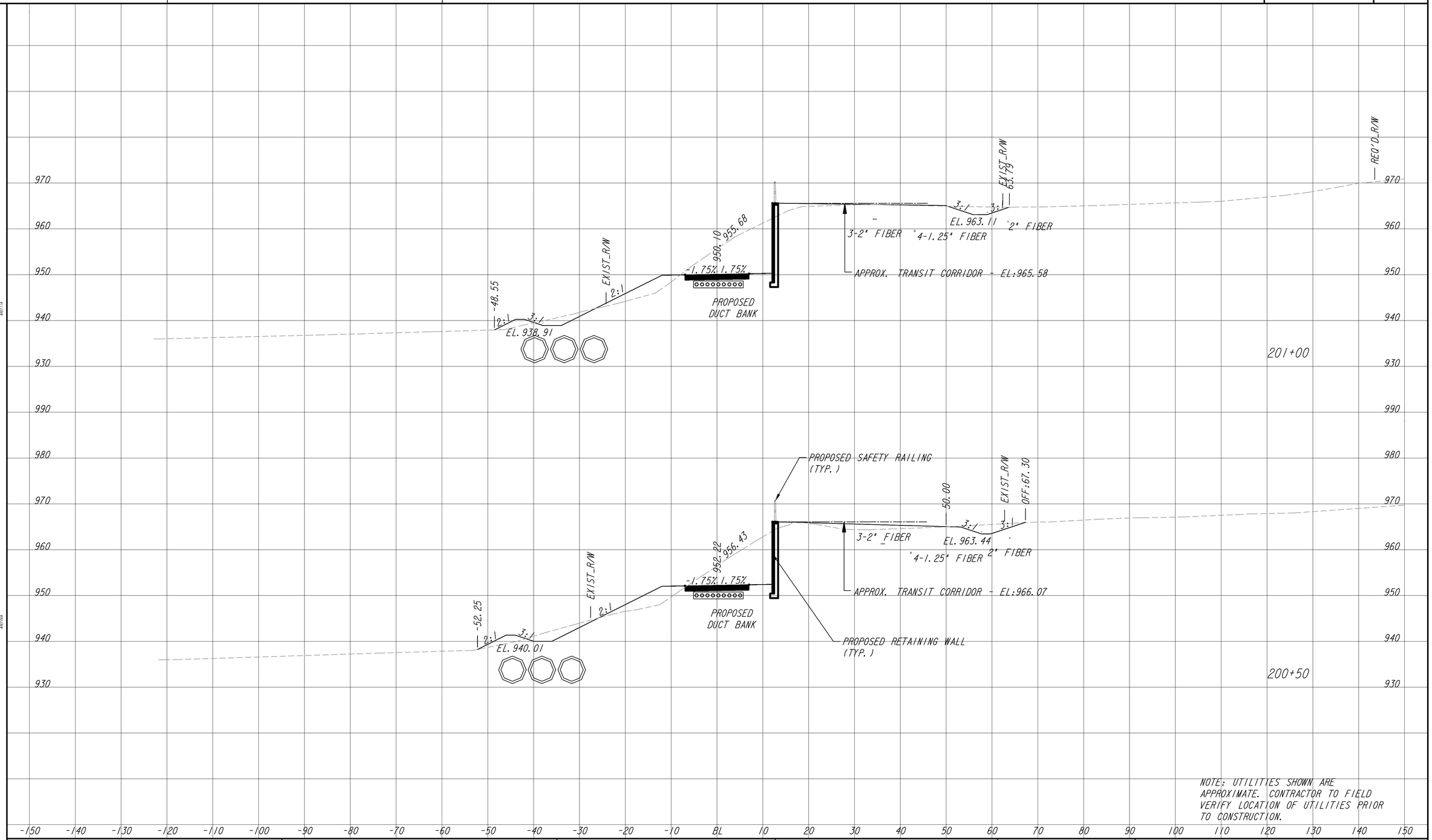
REVISION DATES

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-007
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



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REVISION DATES

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-008
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

202+50

EXIST_R/W
-14.30
948.34
956.03
57:1
-1.75% 1.75%
PROPOSED DUCT BANK
3-2" FIBER
4-1.25" FIBER
2" FIBER
APPROX. TRANSIT CORRIDOR - EL:964.11
EXIST_R/W
64.31
3:1
3:1
EL. 962.24
REQ'D_R/W

202+00

EXIST_R/W
-12.74
948.12
954.23
57:1
-1.75% 1.75%
PROPOSED DUCT BANK
PROPOSED SAFETY RAILING (TYP.)
3-2" FIBER
4-1.25" FIBER
2" FIBER
APPROX. TRANSIT CORRIDOR - EL:964.60
EXIST_R/W
62.86
3:1
3:1
EL. 962.53
REQ'D_R/W

201+50

-45.87
EL. 937.90
2:1
3:1
EXIST_R/W
2:1
948.70
953.75
-1.75% 1.75%
PROPOSED DUCT BANK
PROPOSED RETAINING WALL (TYP.)
3-2" FIBER
4-1.25" FIBER
2" FIBER
APPROX. TRANSIT CORRIDOR - EL:965.09
EXIST_R/W
61.90
3:1
3:1
EL. 962.82
REQ'D_R/W

970 960 950 940 930 980

-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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REVISION DATES

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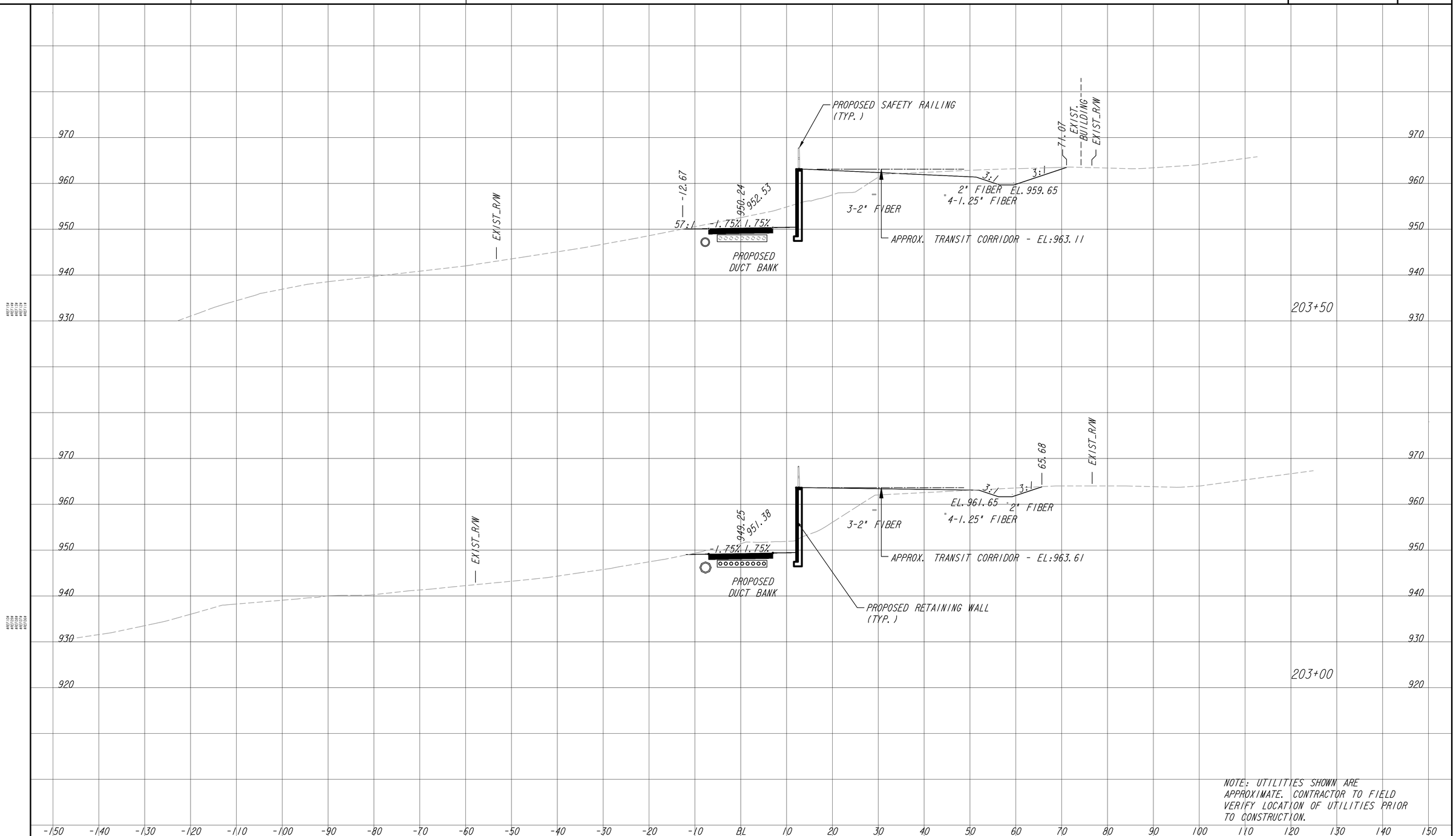
BACKCHECKED:		DATE:		23-009
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



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BACKCHECKED:		DATE:		23-010
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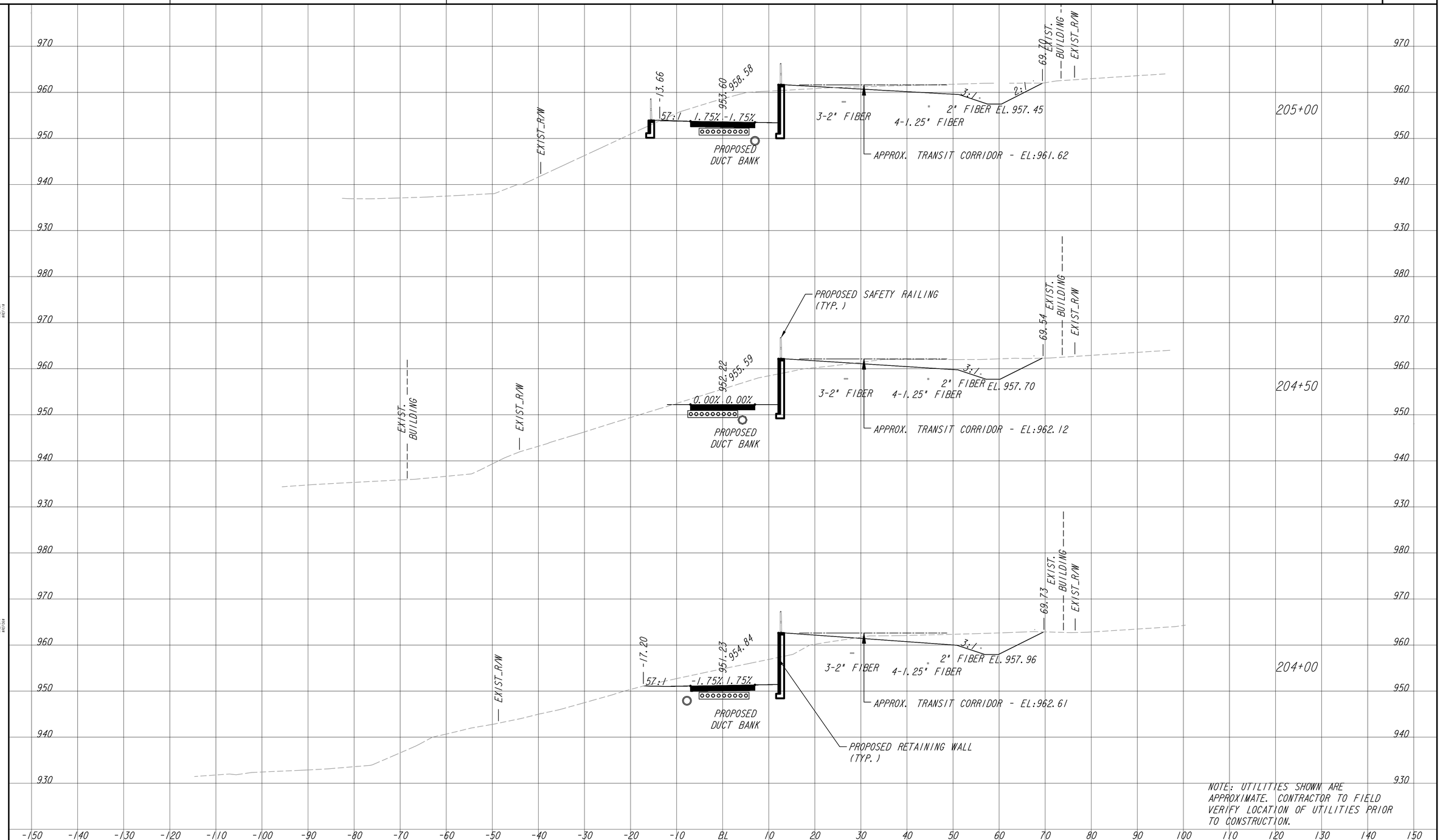

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ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

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BACKCHECKED:		DATE:		23-011
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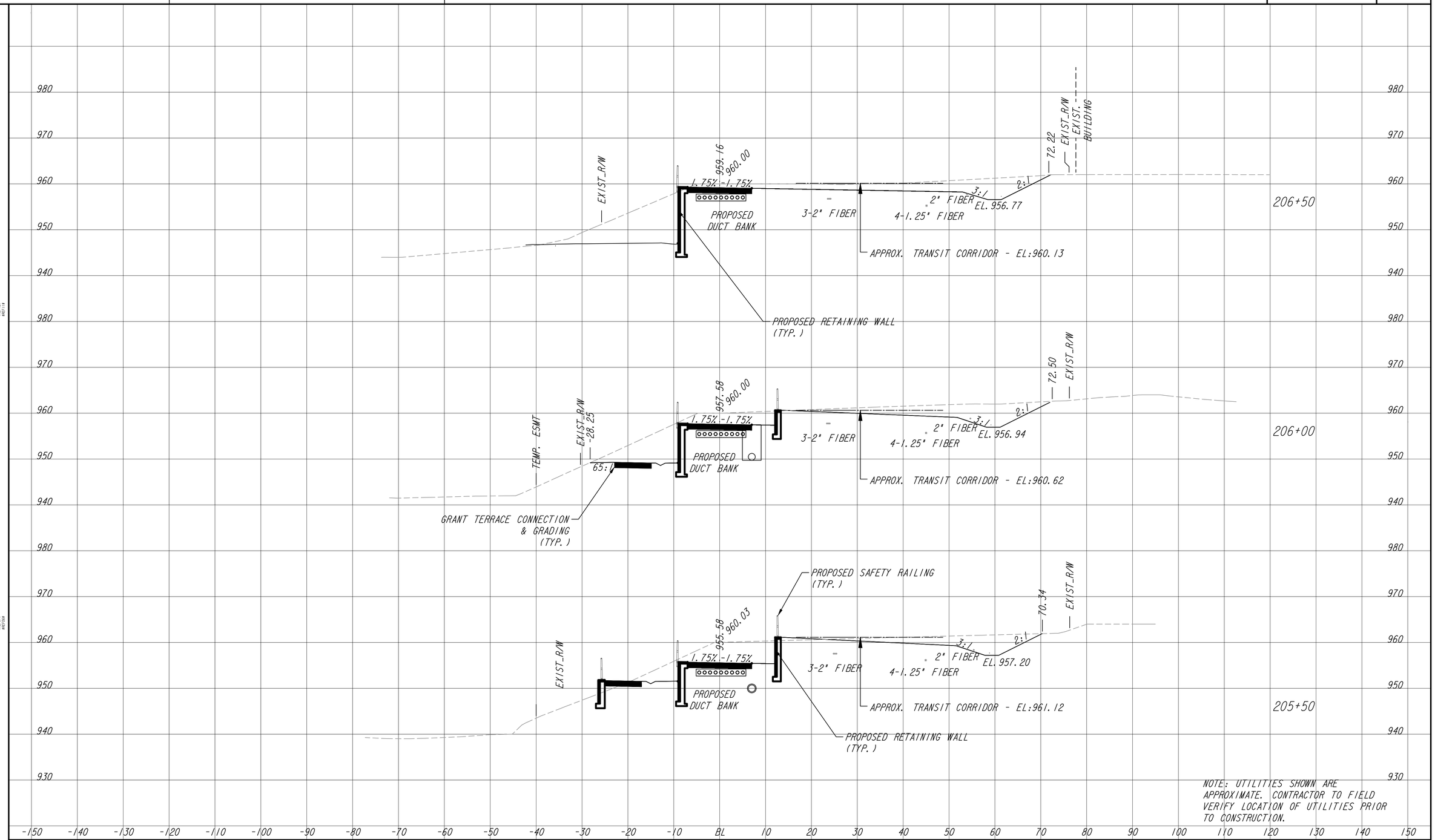
10/23/2015 GPLN



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REVISION DATES

EARTHWORK CROSS SECTIONS

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

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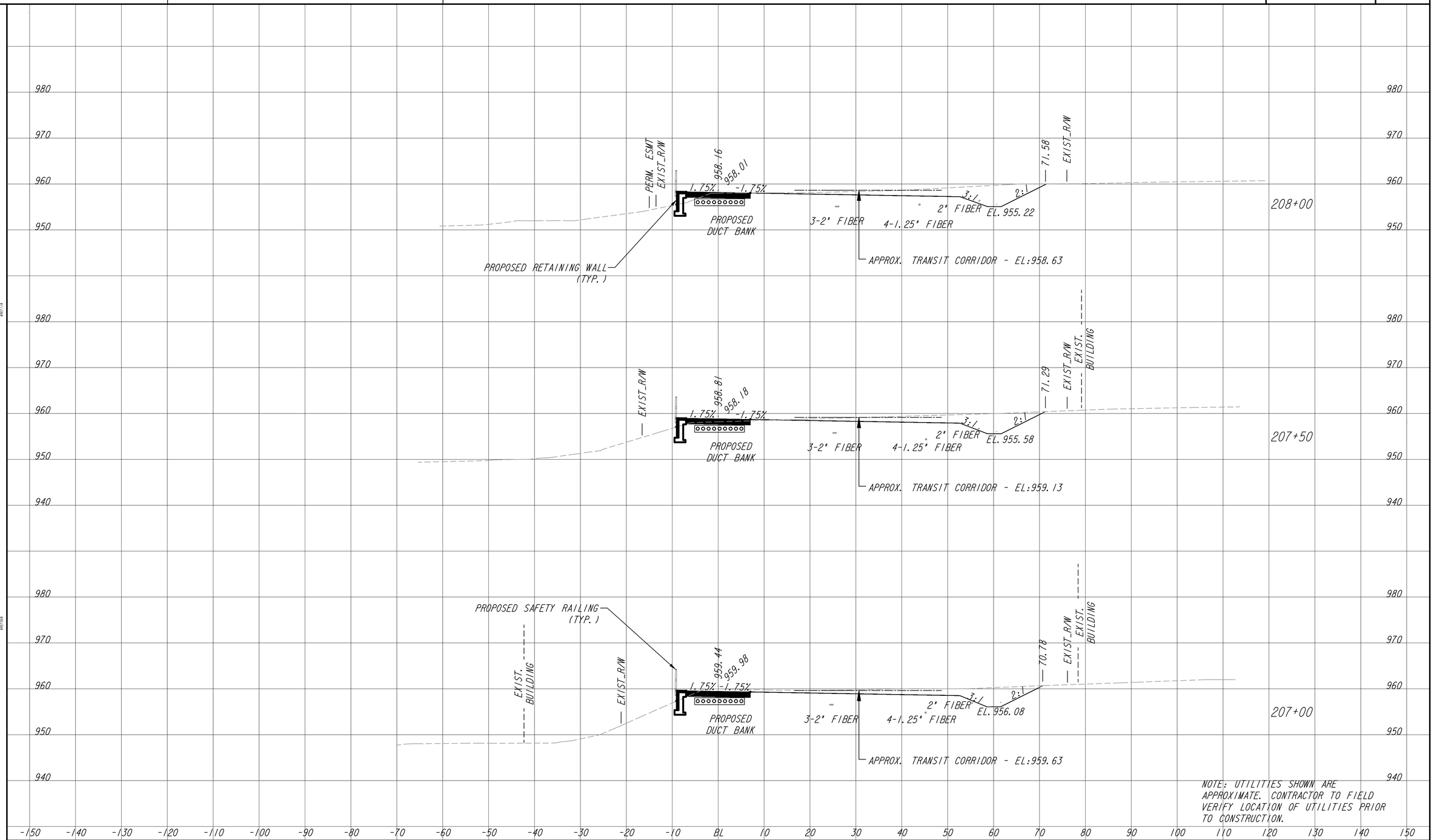
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		23-012
VERIFIED:		DATE:		

10/23/2015 GPLN



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ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

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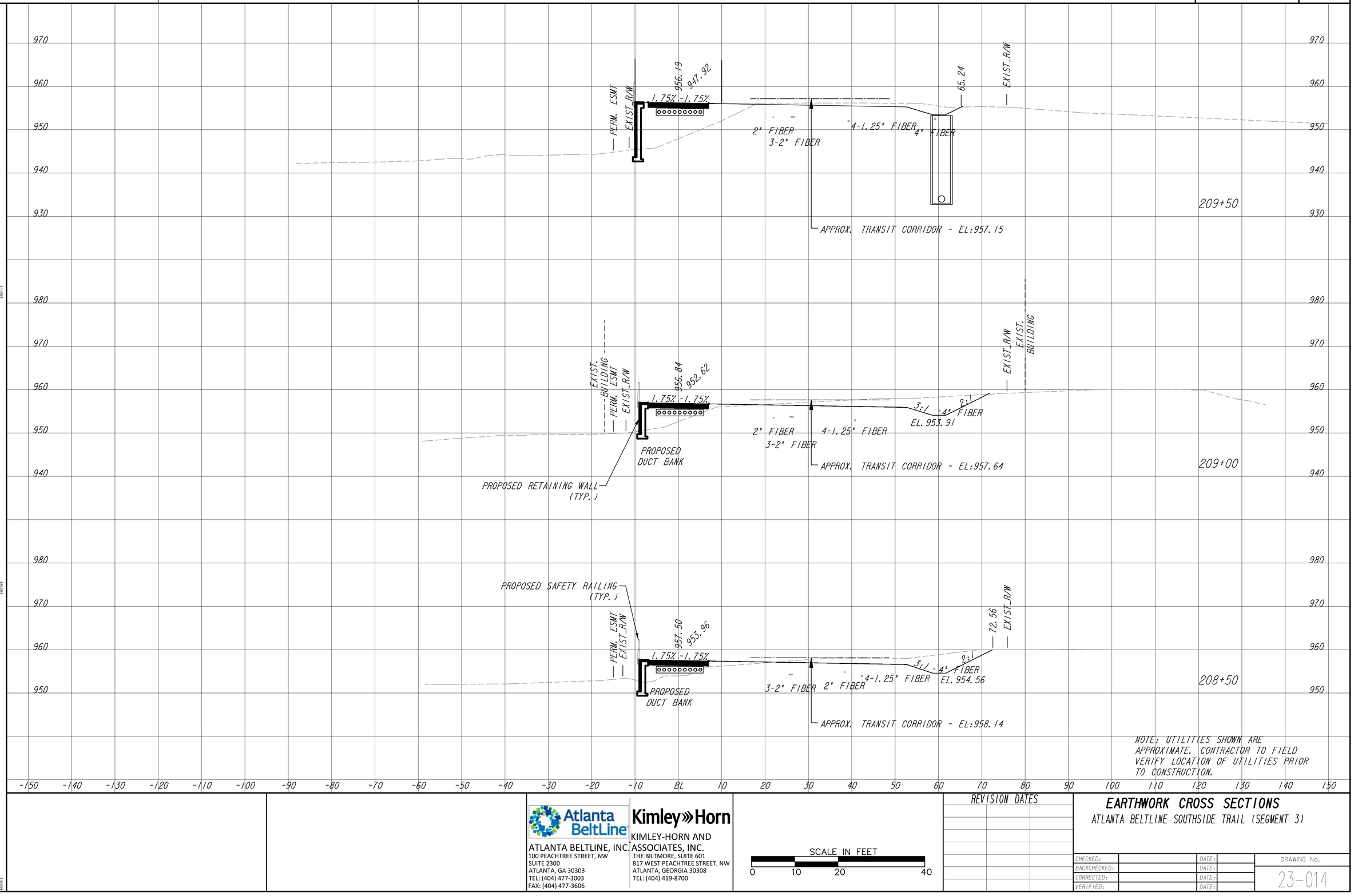
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
23-013



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ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
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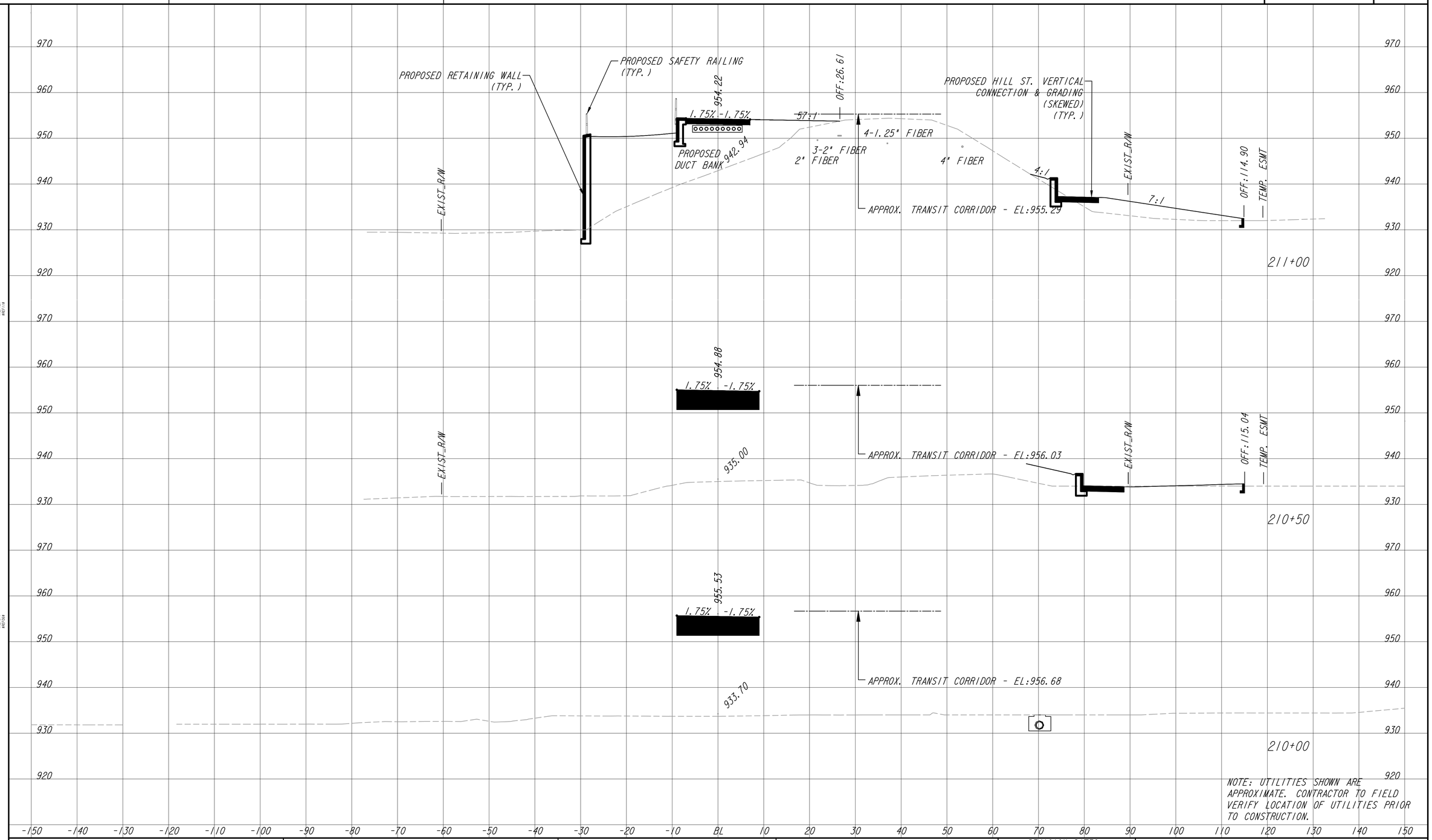
VERIFIED:		DATE:		

10/23/2015 GPLN



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ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-015
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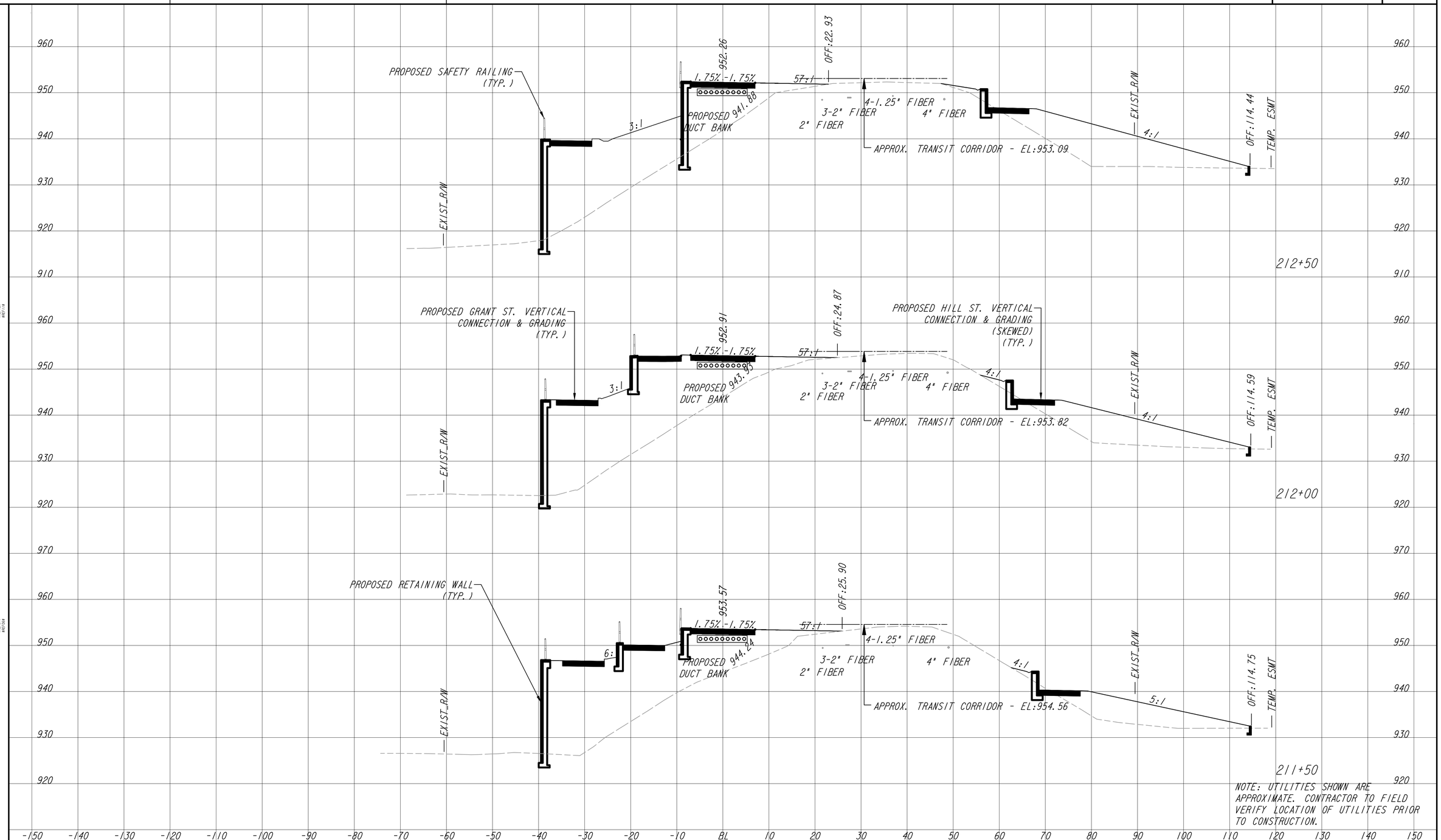
VERIFIED:		DATE:		

10/23/2015 GPLN



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REVISION DATES

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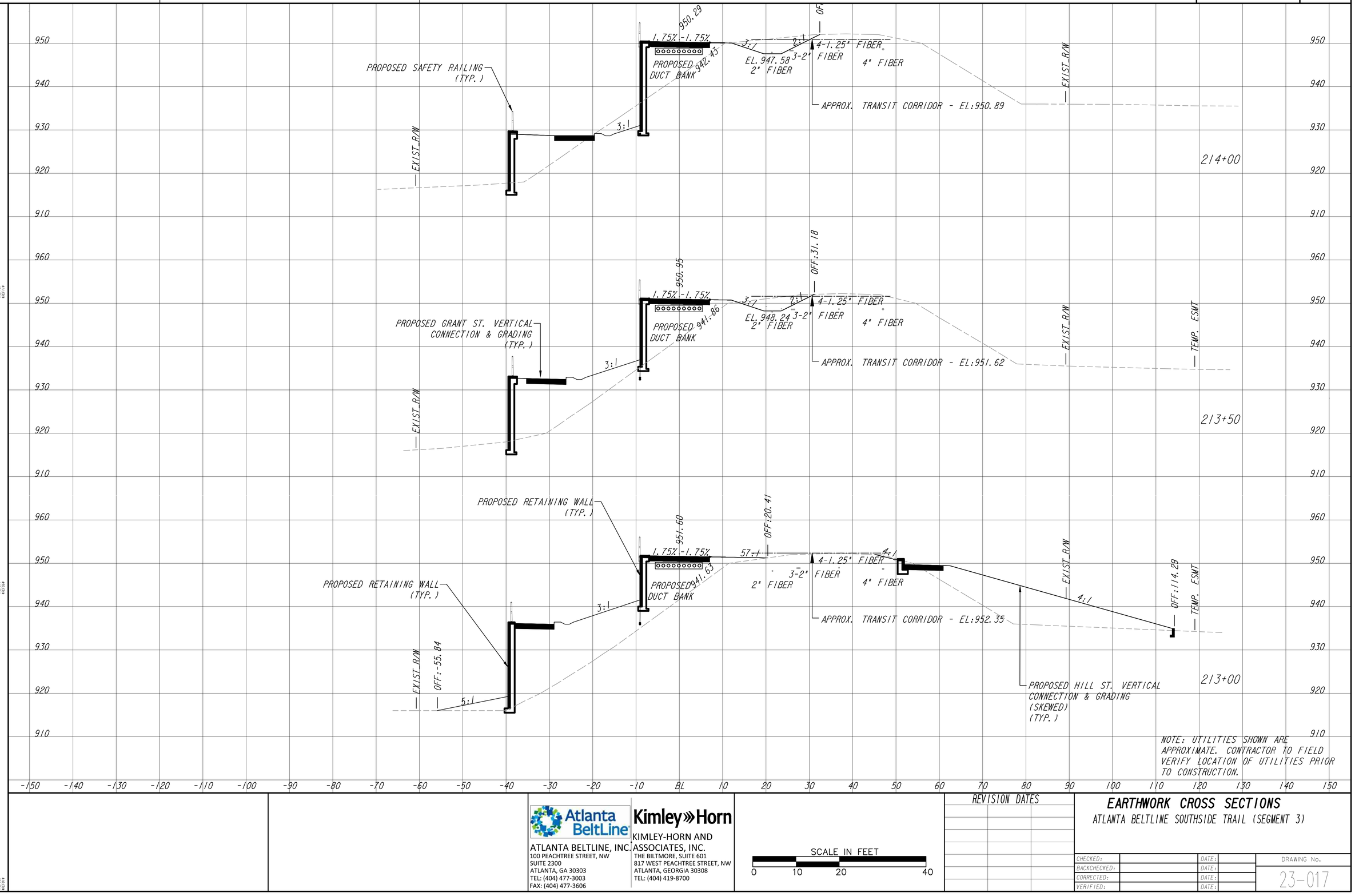
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-016
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



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CHECKED:		DATE:		DRAWING No.
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CORRECTED:		DATE:		
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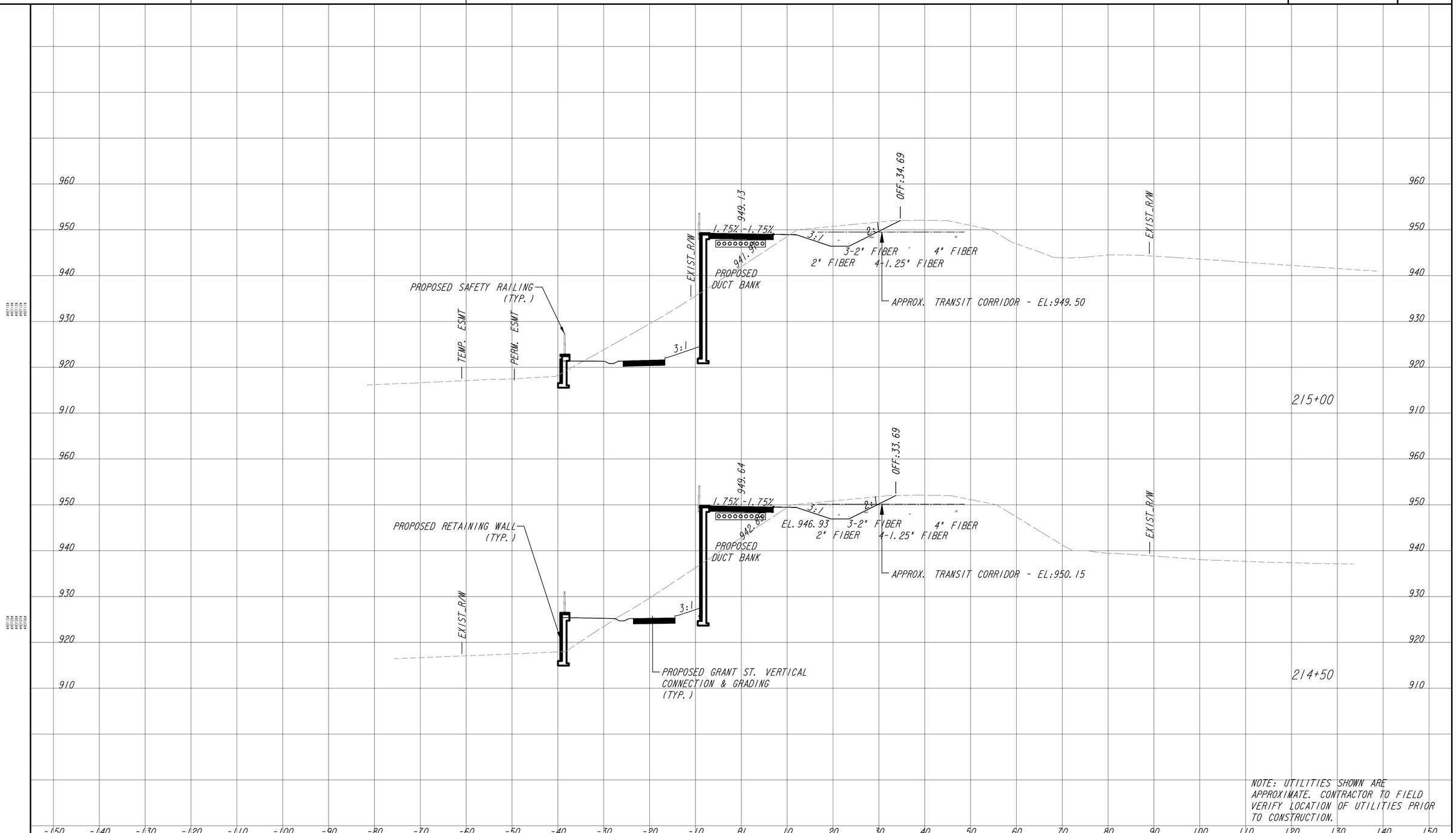

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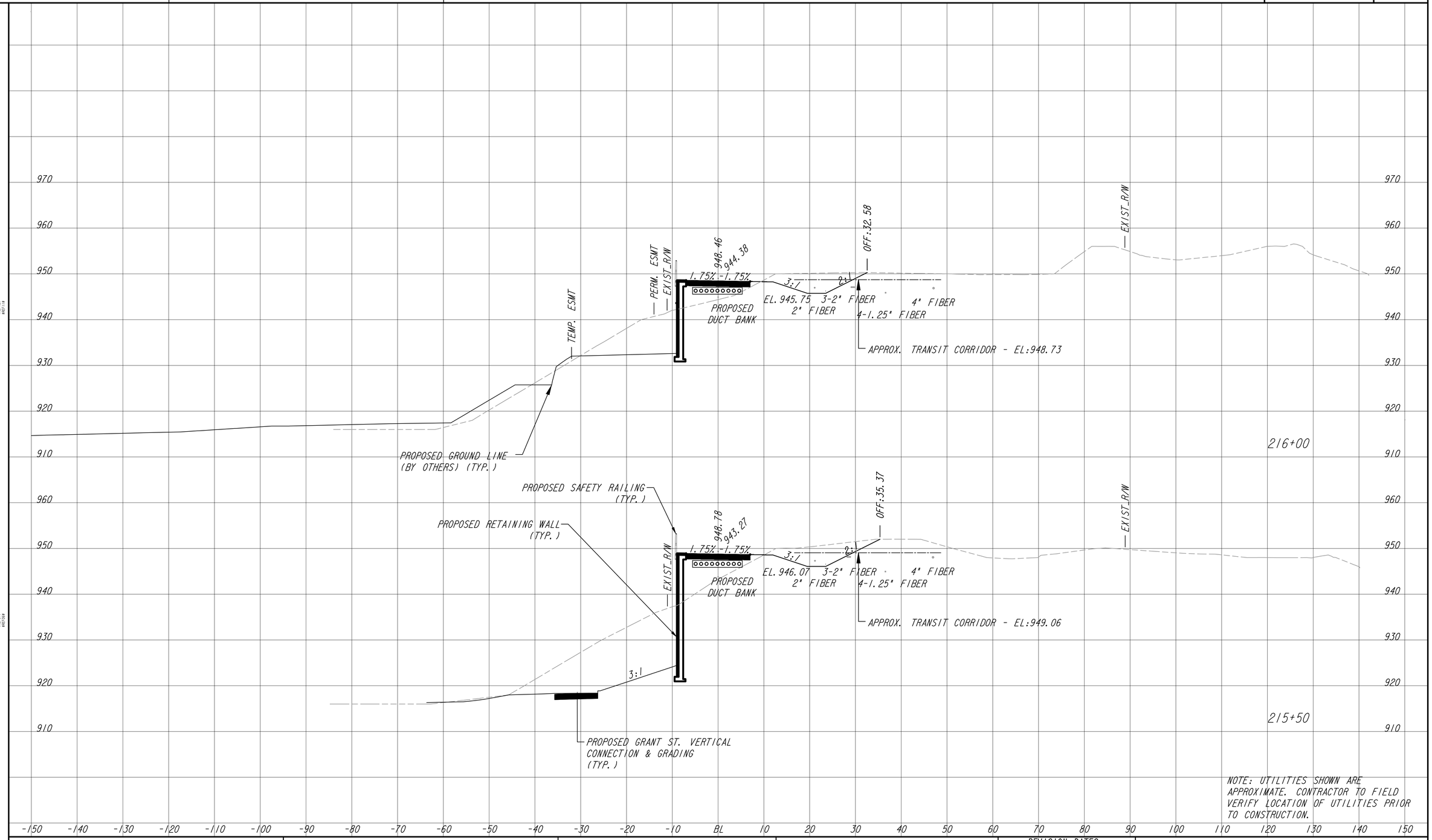
CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-018
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

2/4/21 1:20 PM
Cook, Kyra (Shalikashvili)

K:\AMT_Roadway\019927006 ABI Southside Trail\CAD\-- SEGMENT 3 --\019927006_23-COR4_SEG_3.dwg



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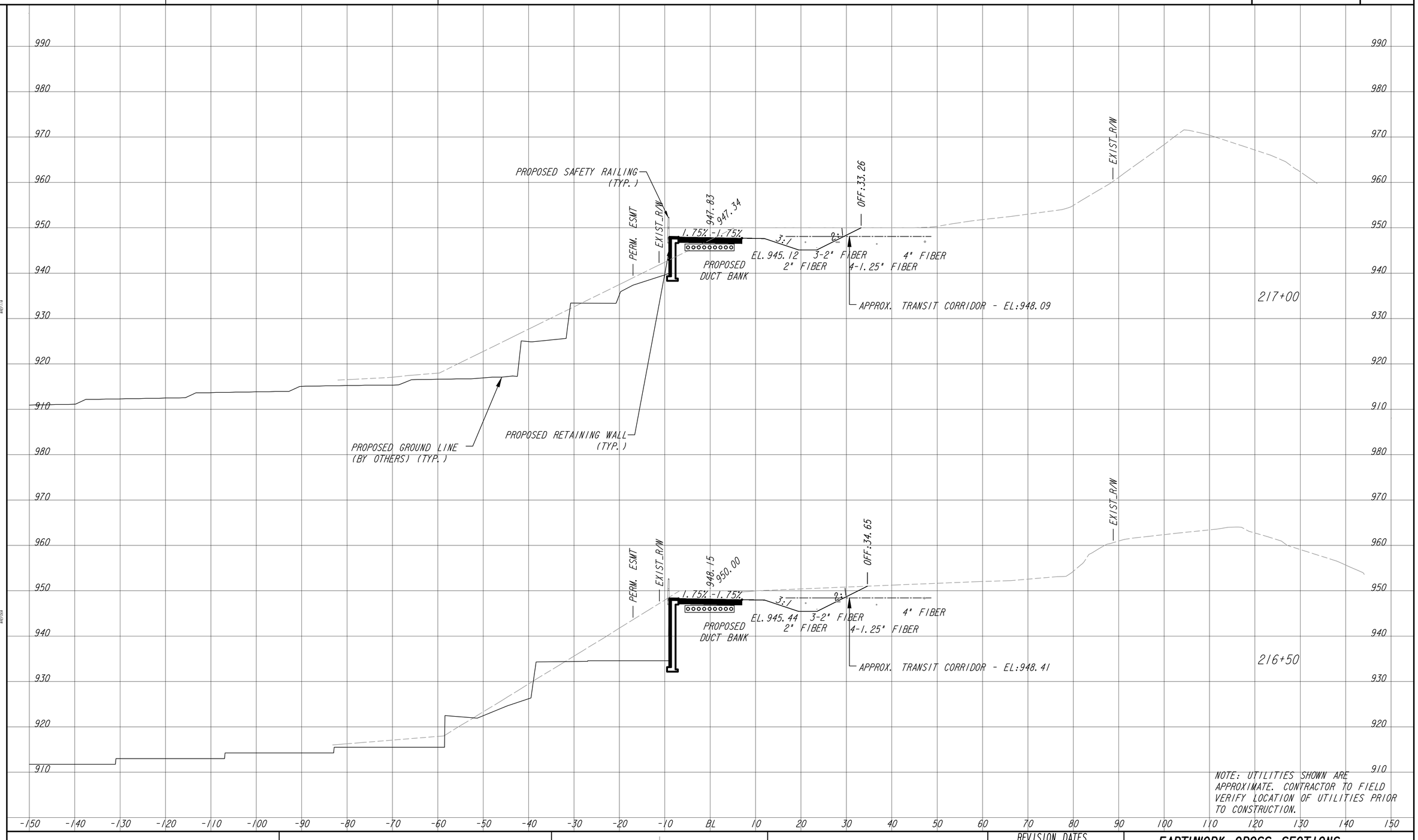
BACKCHECKED:		DATE:		23-019
CORRECTED:		DATE:		
VERIFIED:		DATE:		



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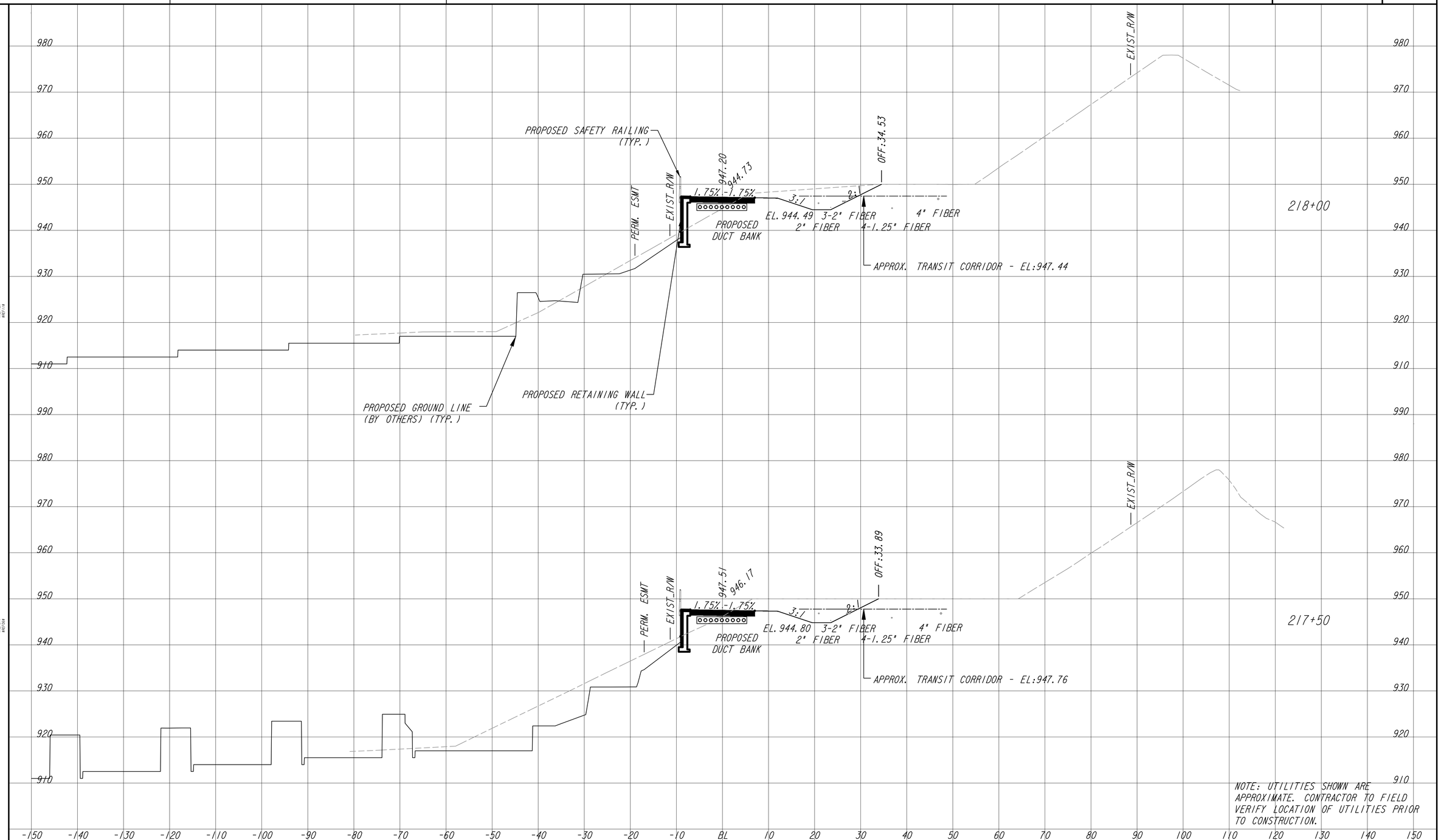
EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		23-020
VERIFIED:		DATE:		

10/23/2015 GPLN



NOTE: UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOCATION OF UTILITIES PRIOR TO CONSTRUCTION.

ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE IN FEET
0 10 20 40

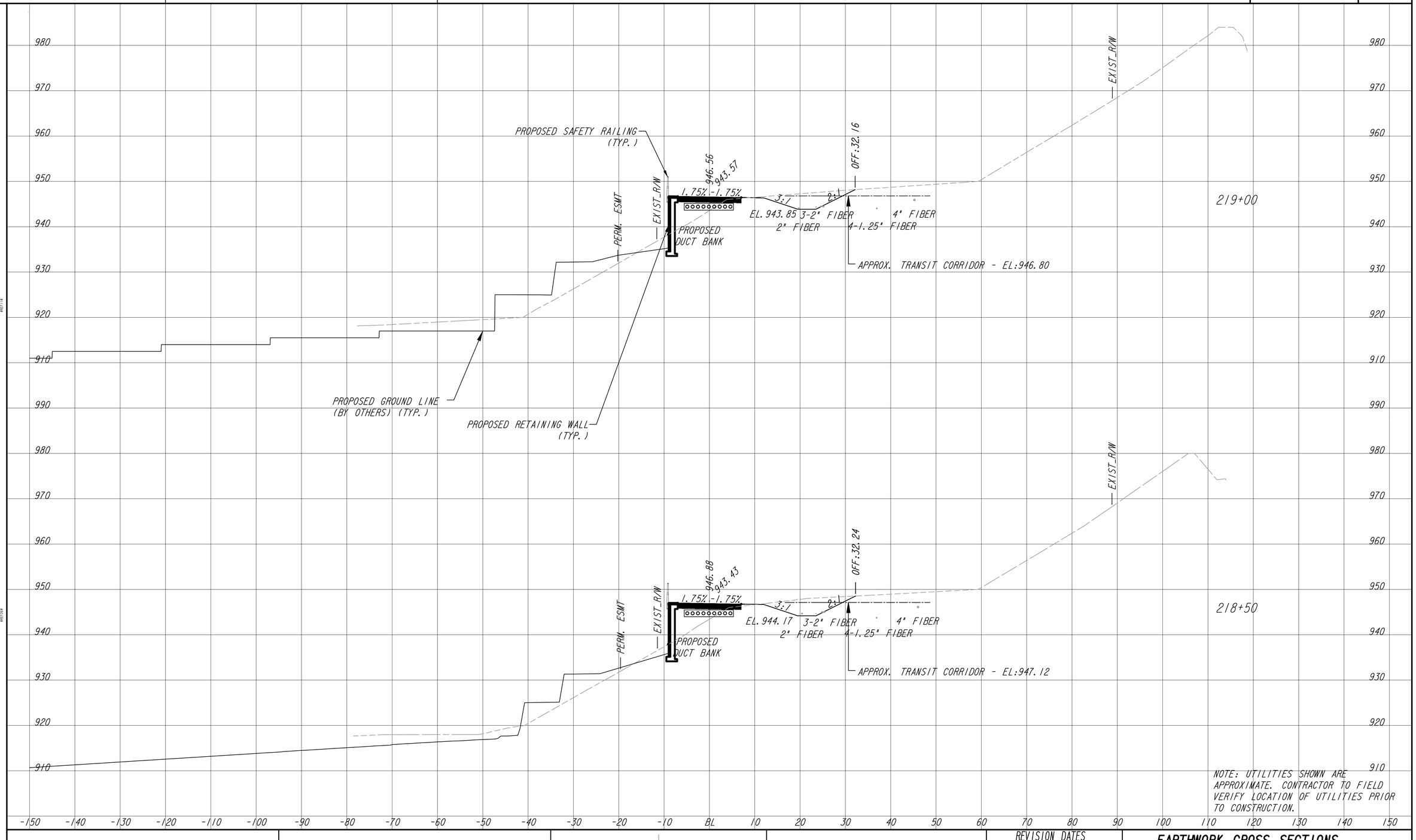
REVISION DATES

EARTHWORK CROSS SECTIONS

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

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

DRAWING No. 23-021



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SCALE IN FEET
0 10 20 40

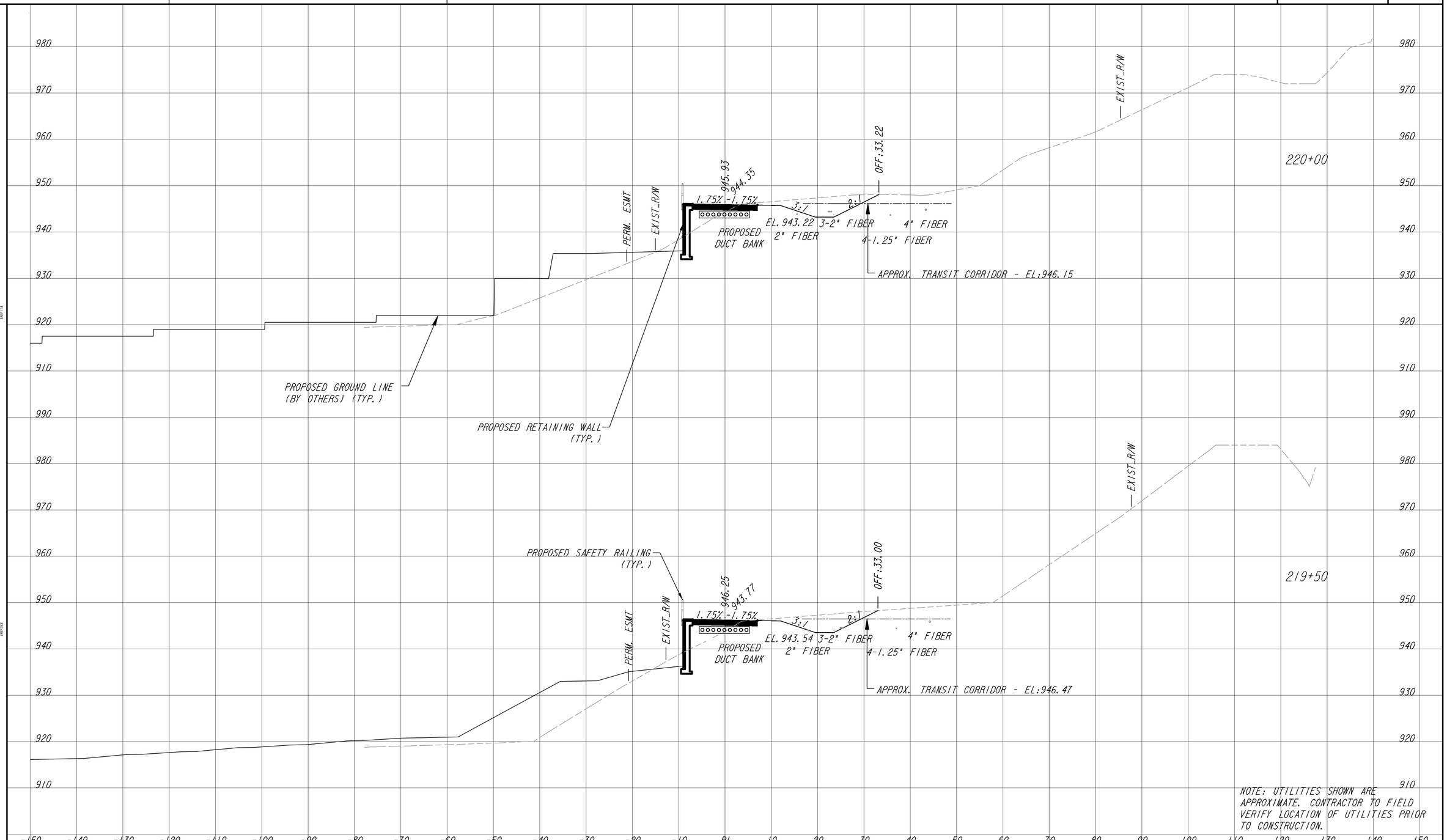
REVISION DATES

EARTHWORK CROSS SECTIONS

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-022
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



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SCALE IN FEET
0 10 20 40

REVISION DATES

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	23-023
VERIFIED:		DATE:	

10/23/2015 GPLN

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SCALE IN FEET
0 10 20 40

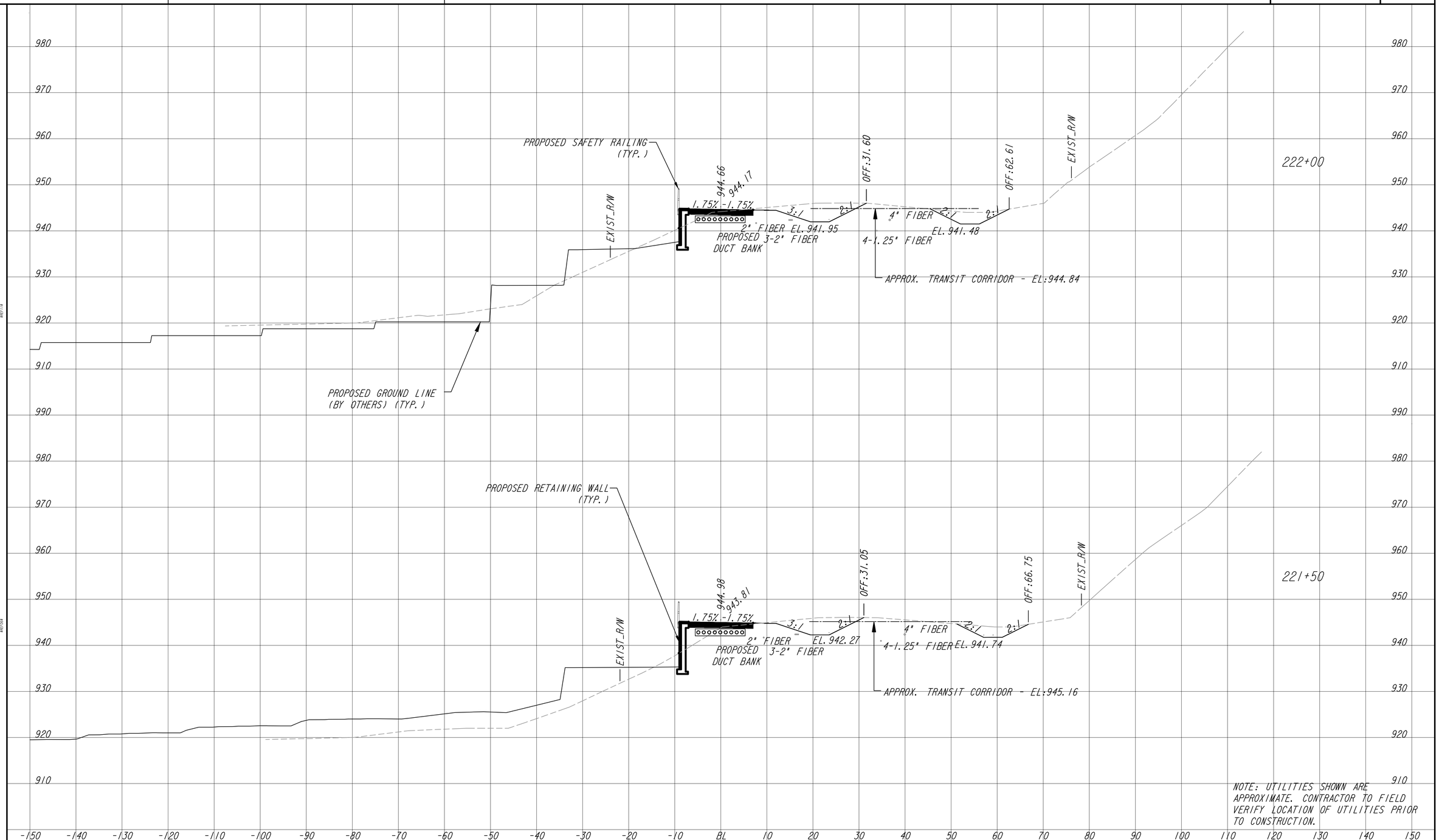
REVISION DATES

EARTHWORK CROSS SECTIONS

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-024
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



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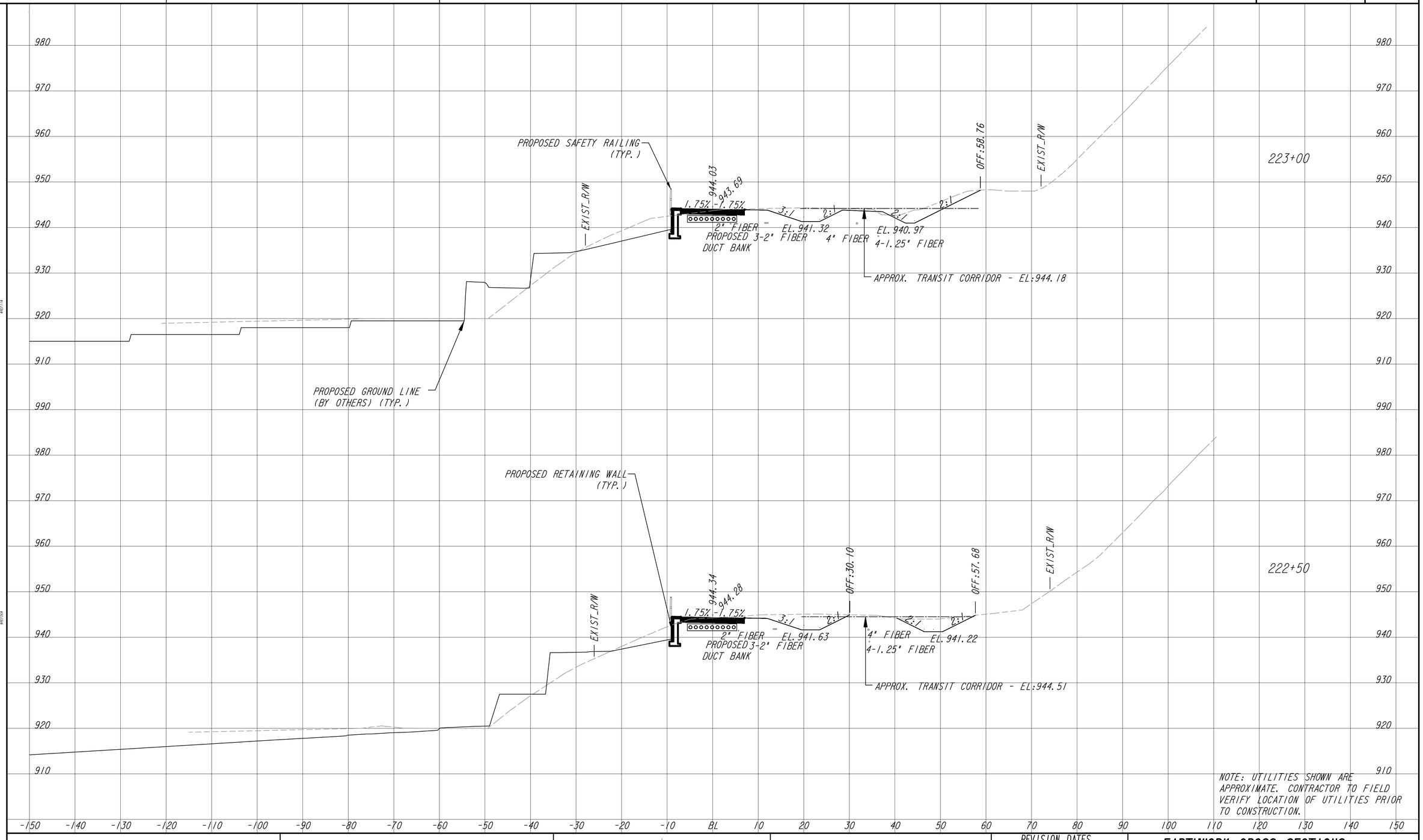
SCALE IN FEET
0 10 20 40

REVISION DATES

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-025
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



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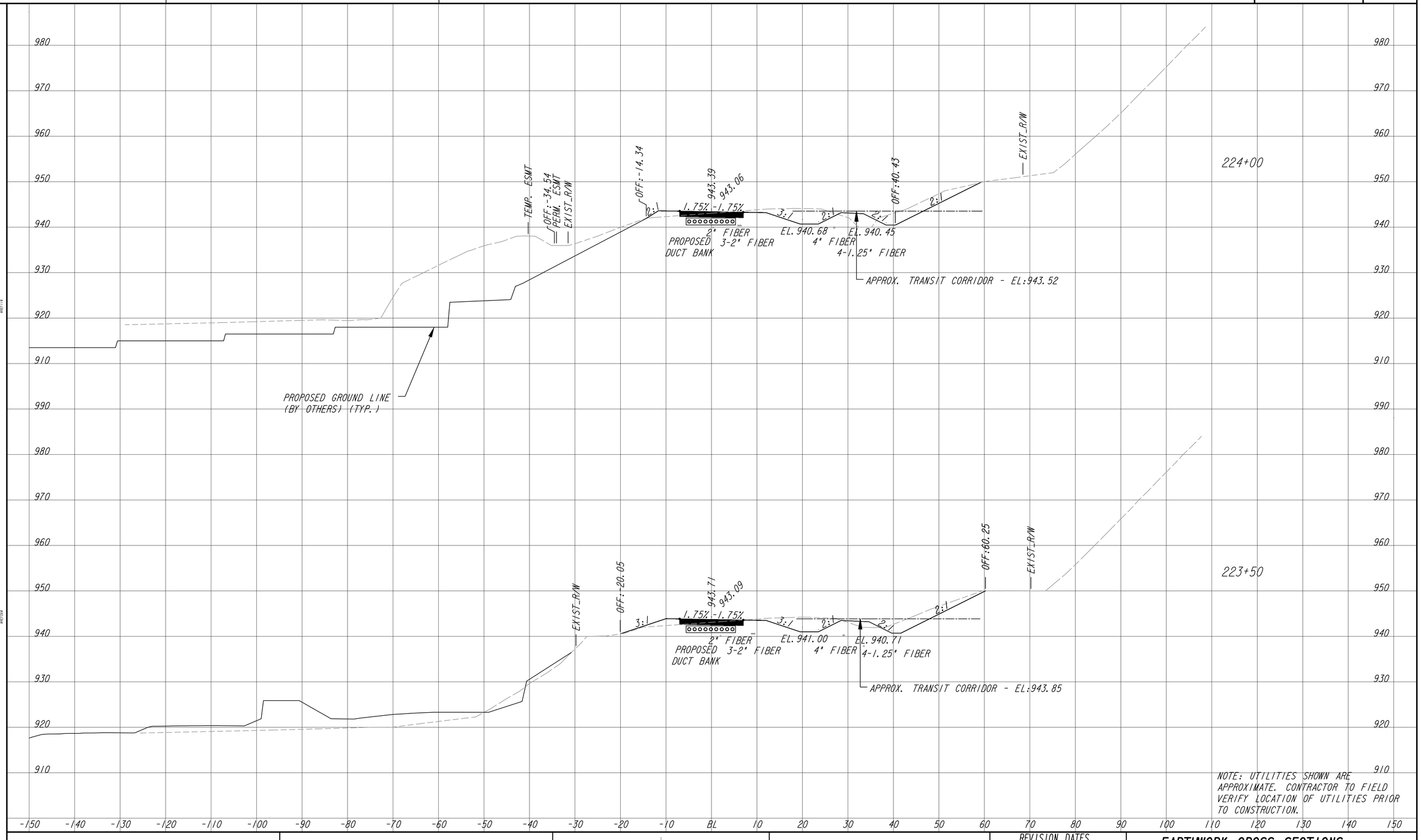
0 10 20 40

REVISION DATES

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-026
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



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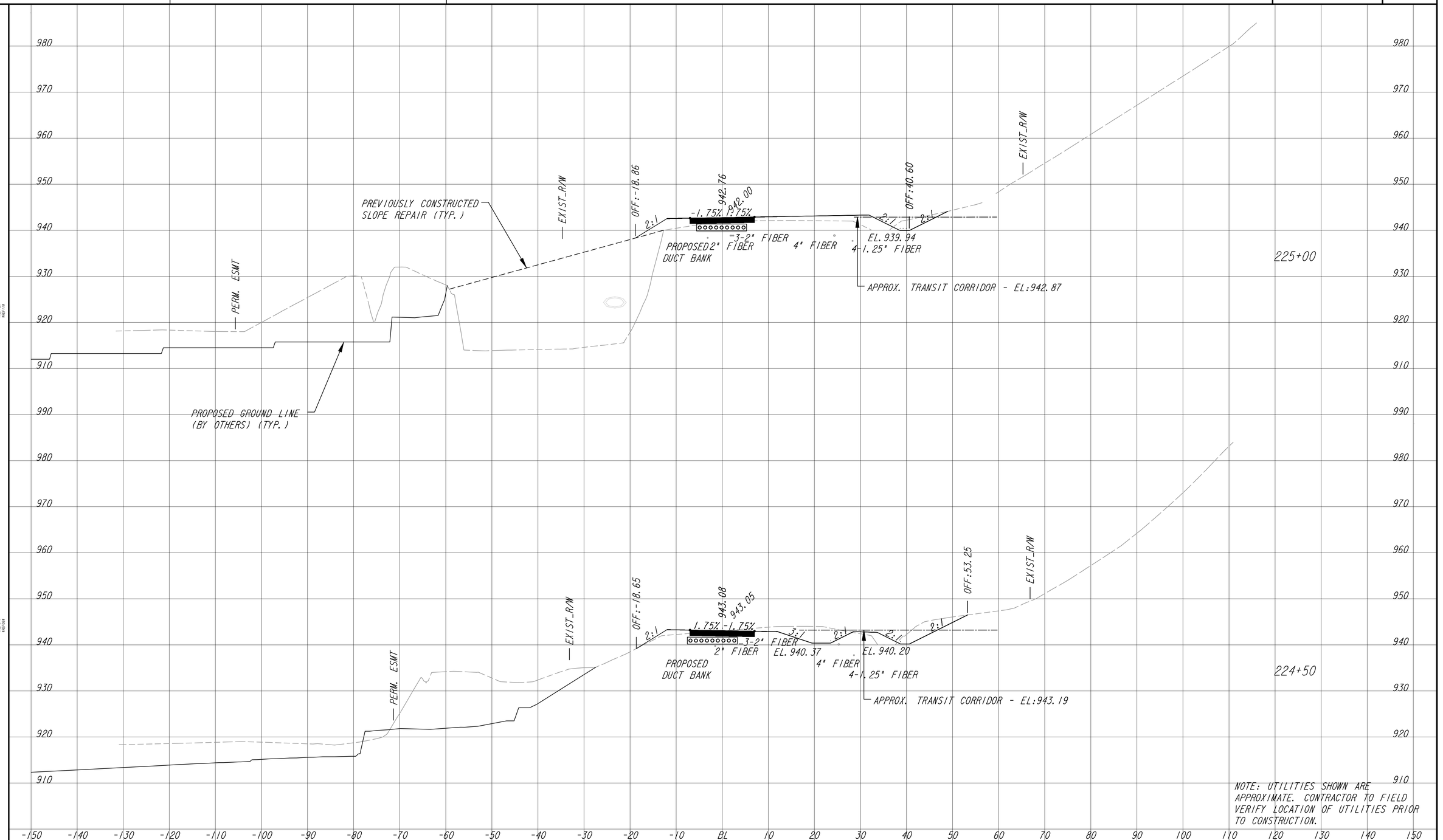
REVISION DATES

EARTHWORK CROSS SECTIONS

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		23-027
VERIFIED:		DATE:		

10/23/2015 GPLN



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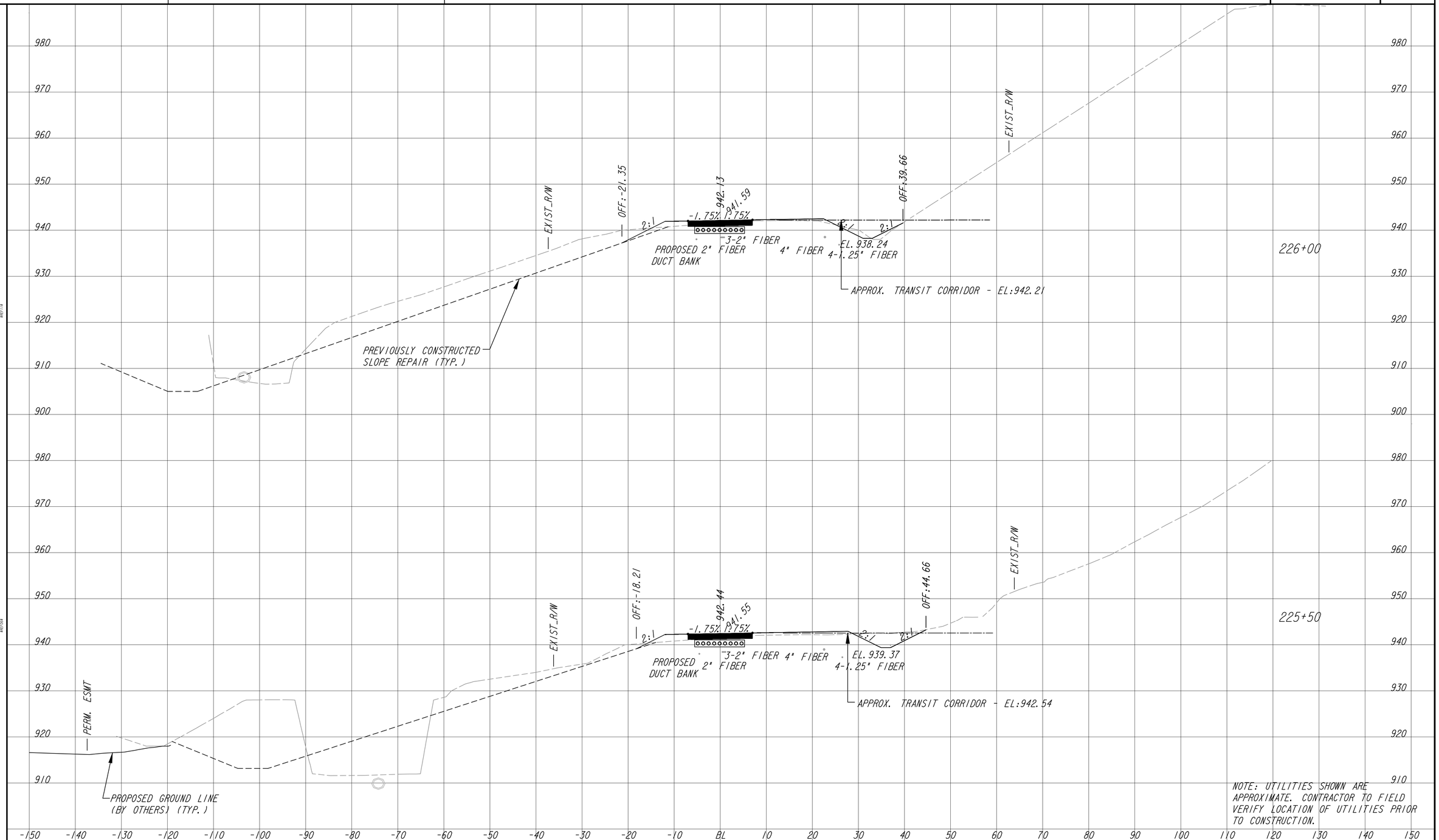
SCALE IN FEET
0 10 20 40

REVISION DATES

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-028
CORRECTED:		DATE:		
VERIFIED:		DATE:		



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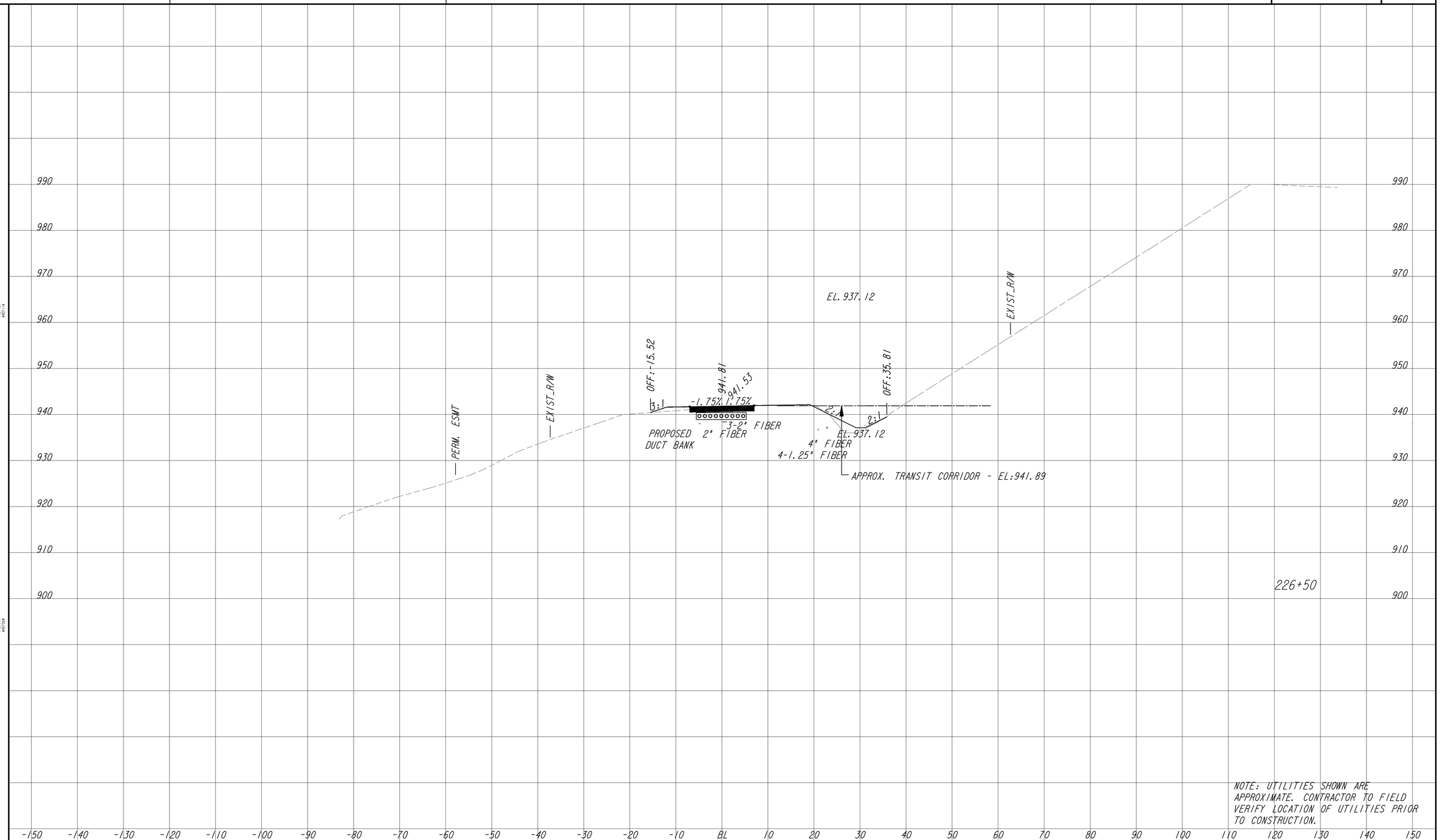
SCALE IN FEET
0 10 20 40

REVISION DATES

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-029
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



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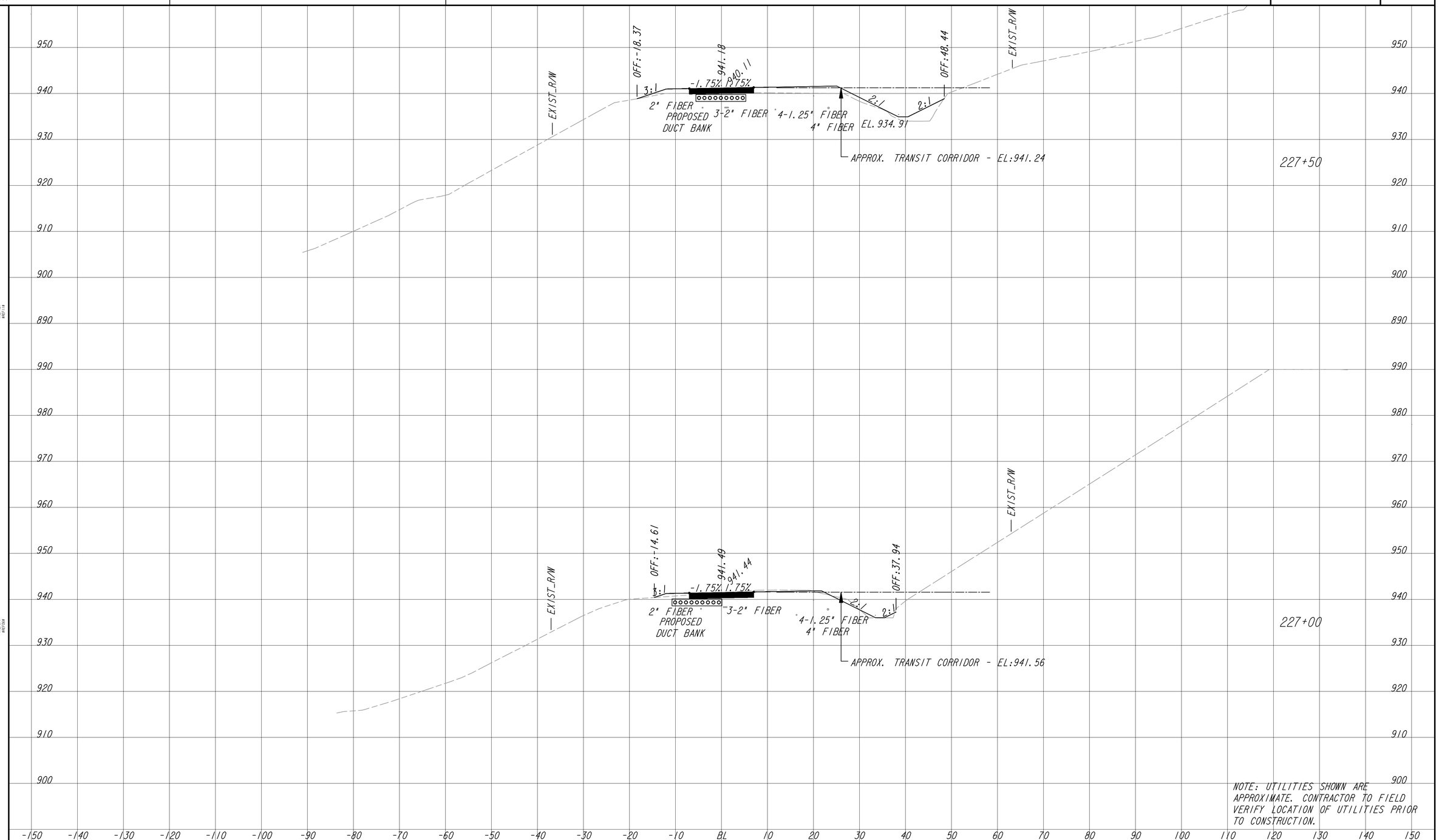
REVISION DATES

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-030
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



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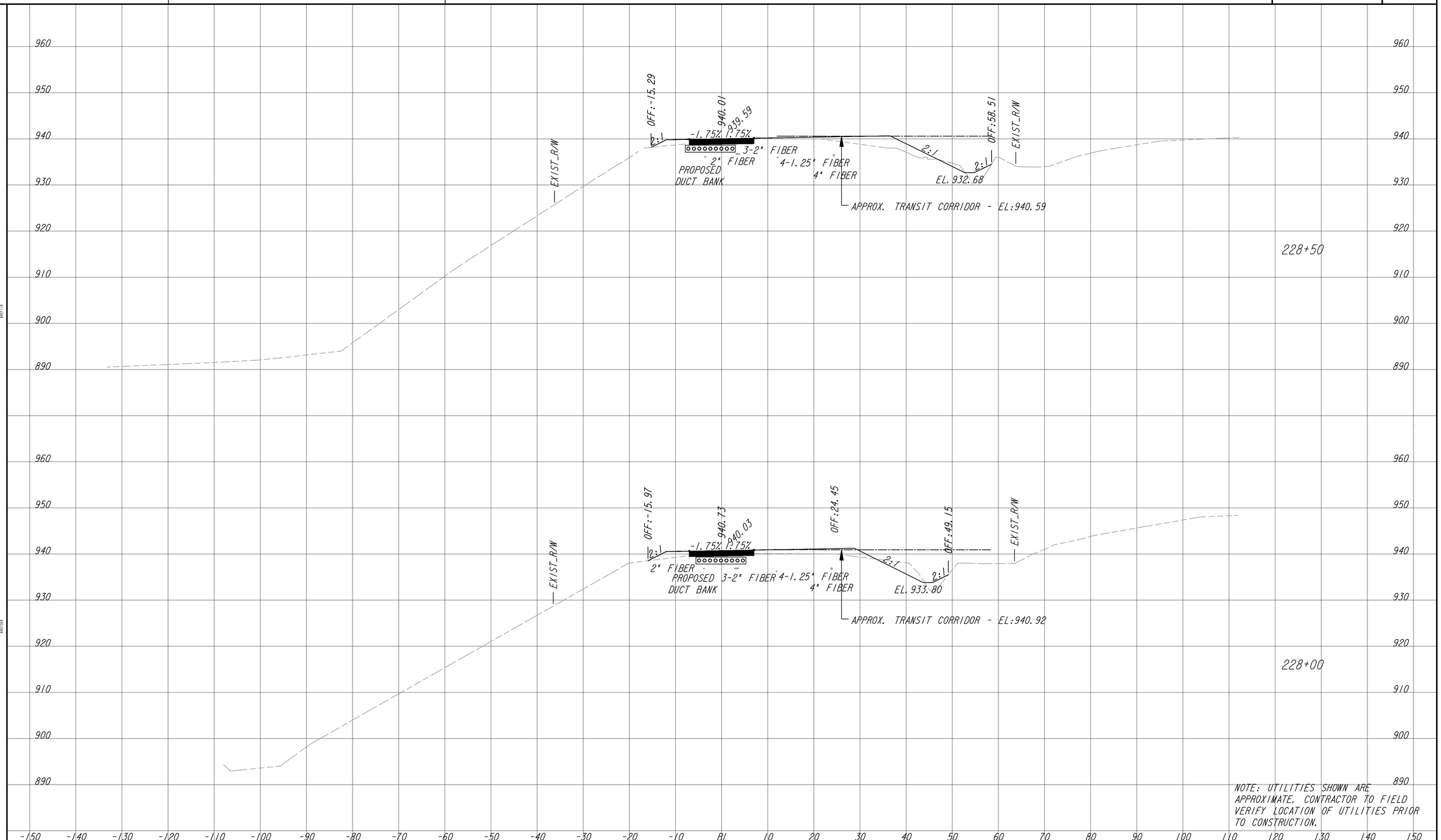
SCALE IN FEET
0 10 20 40

REVISION DATES

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-031
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



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SCALE IN FEET
0 10 20 40

REVISION DATES

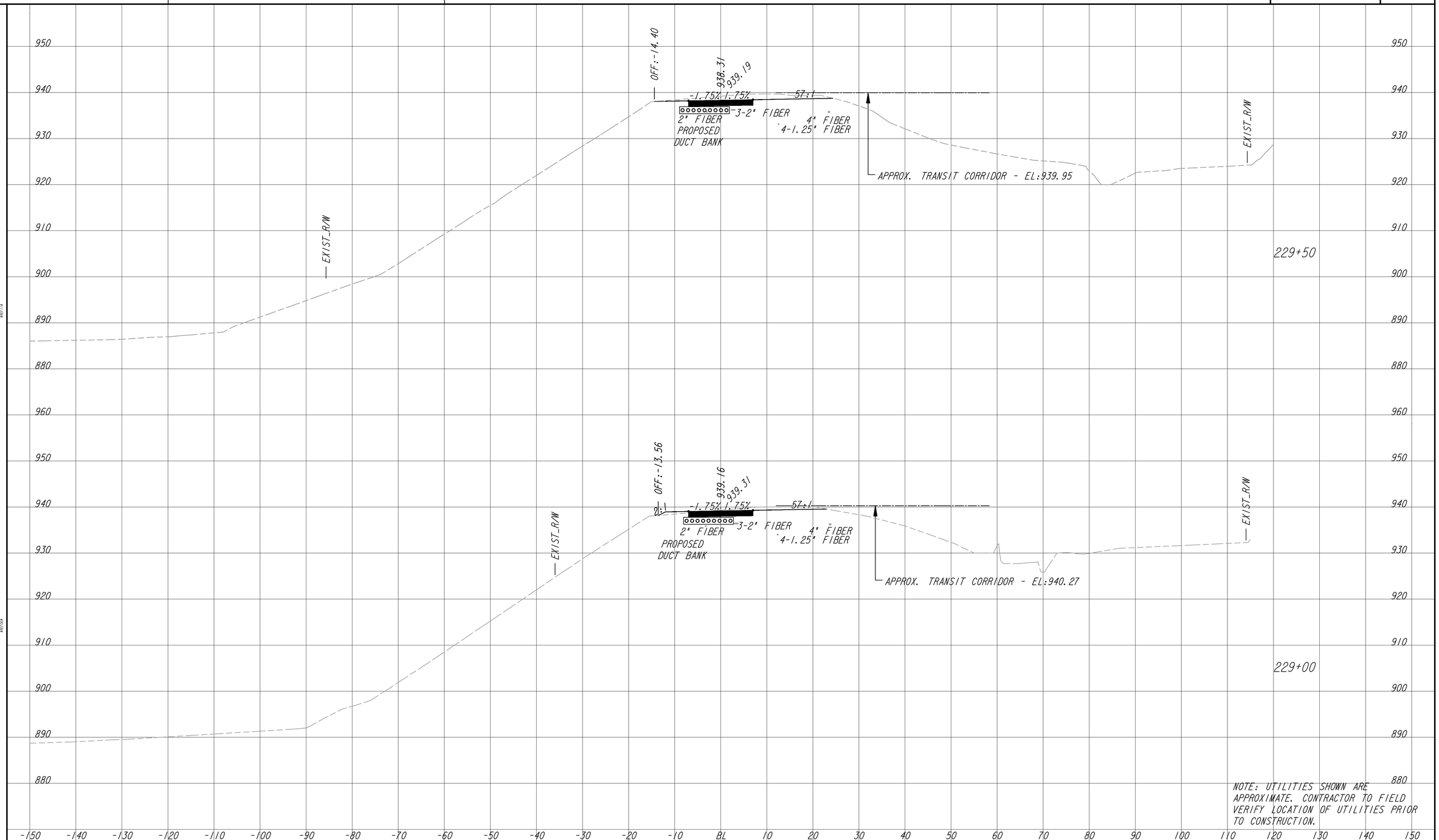
EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-032
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

2/4/21 1:22 PM
Cook, Kyra (Shallkashvili)

K:\AMT_Roadway\019927006 ABI Southside Trail\CAD\-- SEGMENT 3 --\019927006_23-COR4_SEG_3.dwg



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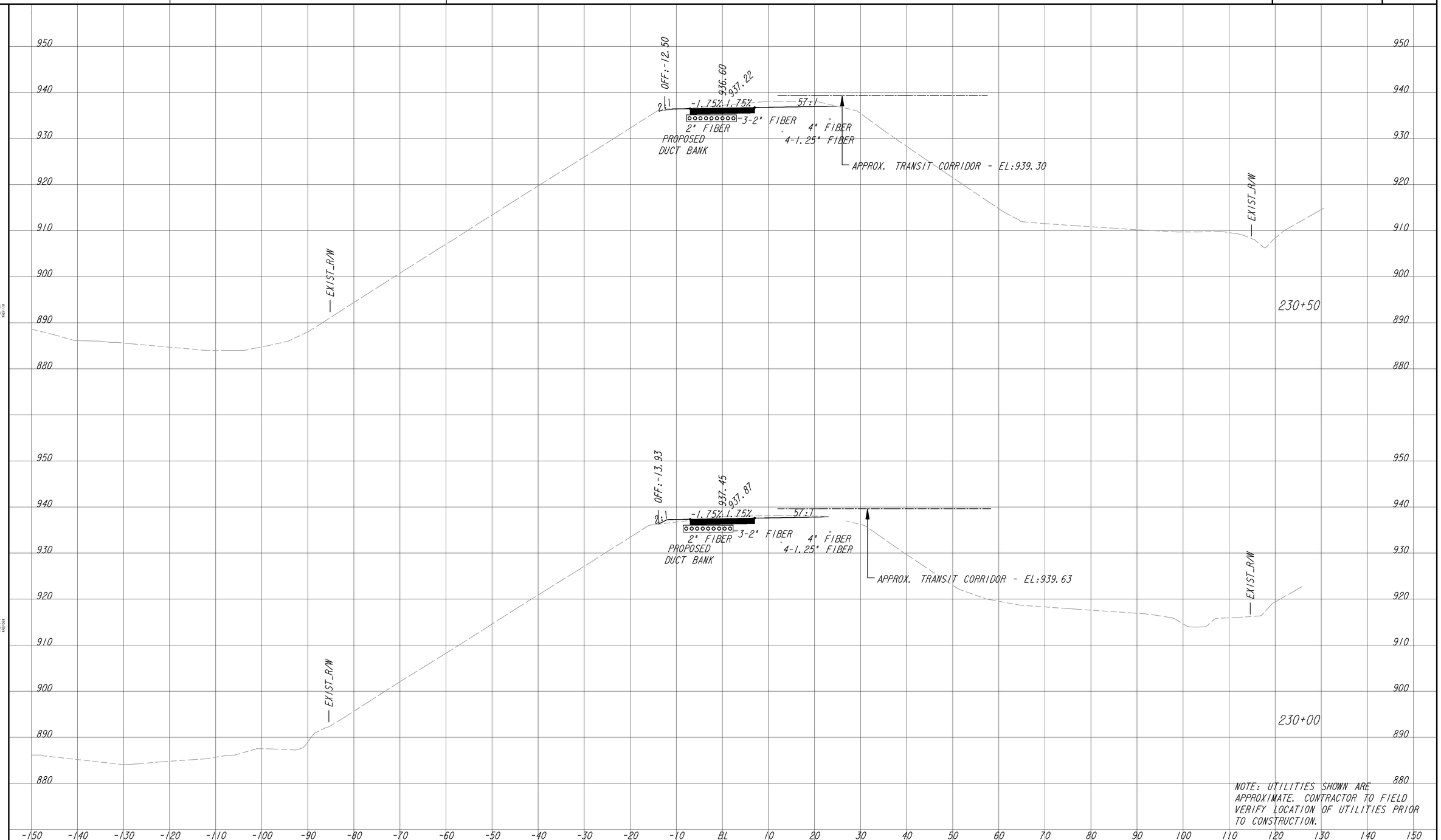
SCALE IN FEET
0 10 20 40

REVISION DATES

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-033
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



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SCALE IN FEET
0 10 20 40

REVISION DATES

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-034
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

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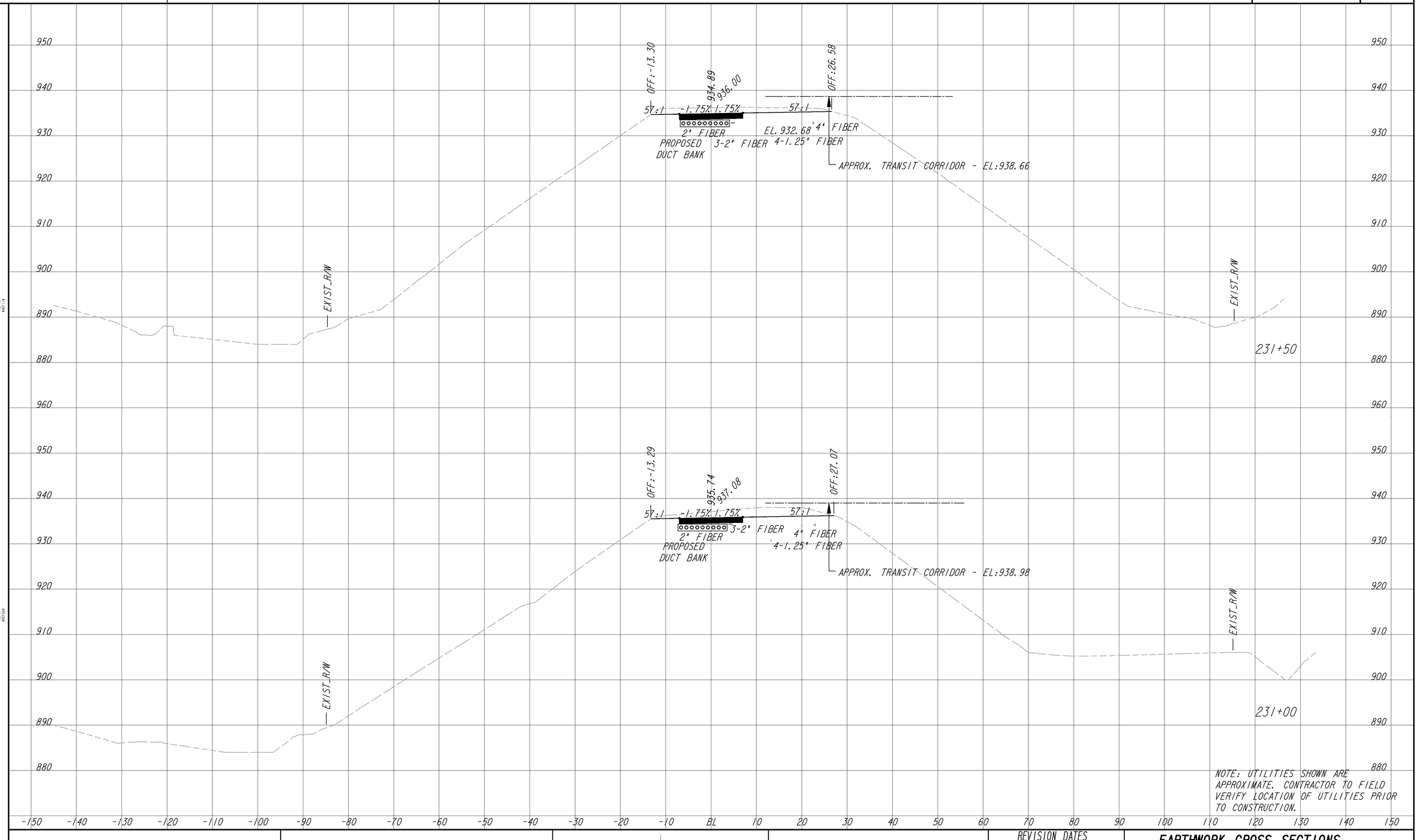
Cook, Kyra (Shallkashvili)

K:\AMT_Roadway\019927006 ABI Southside Trail\CAD\-- SEGMENT 3 --\019927006_23-COR4_SEG_3.dwg



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SCALE IN FEET
0 10 20 40

REVISION DATES

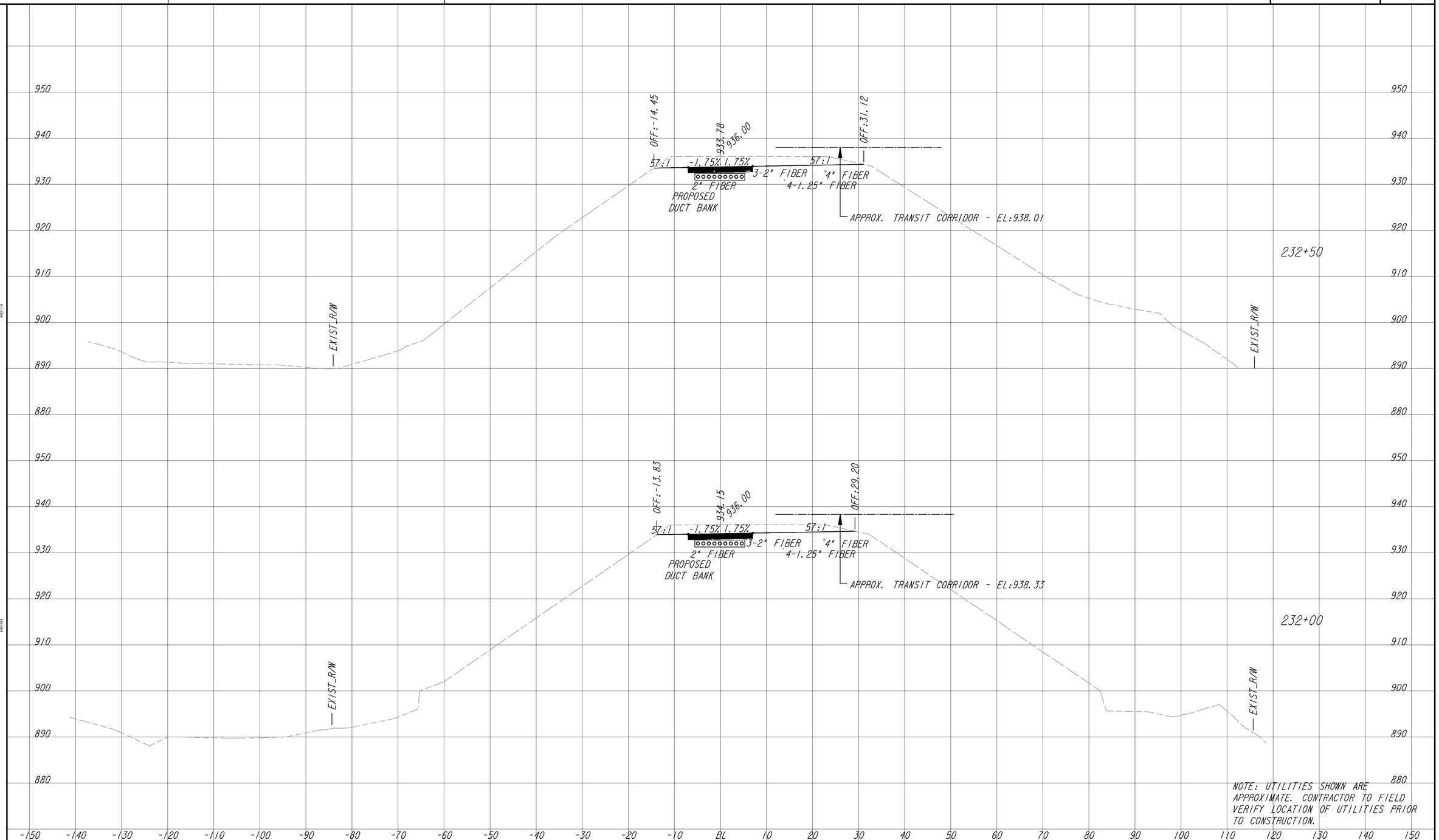
EARTHWORK CROSS SECTIONS

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

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

DRAWING No.
23-035

10/23/2015 GPLN



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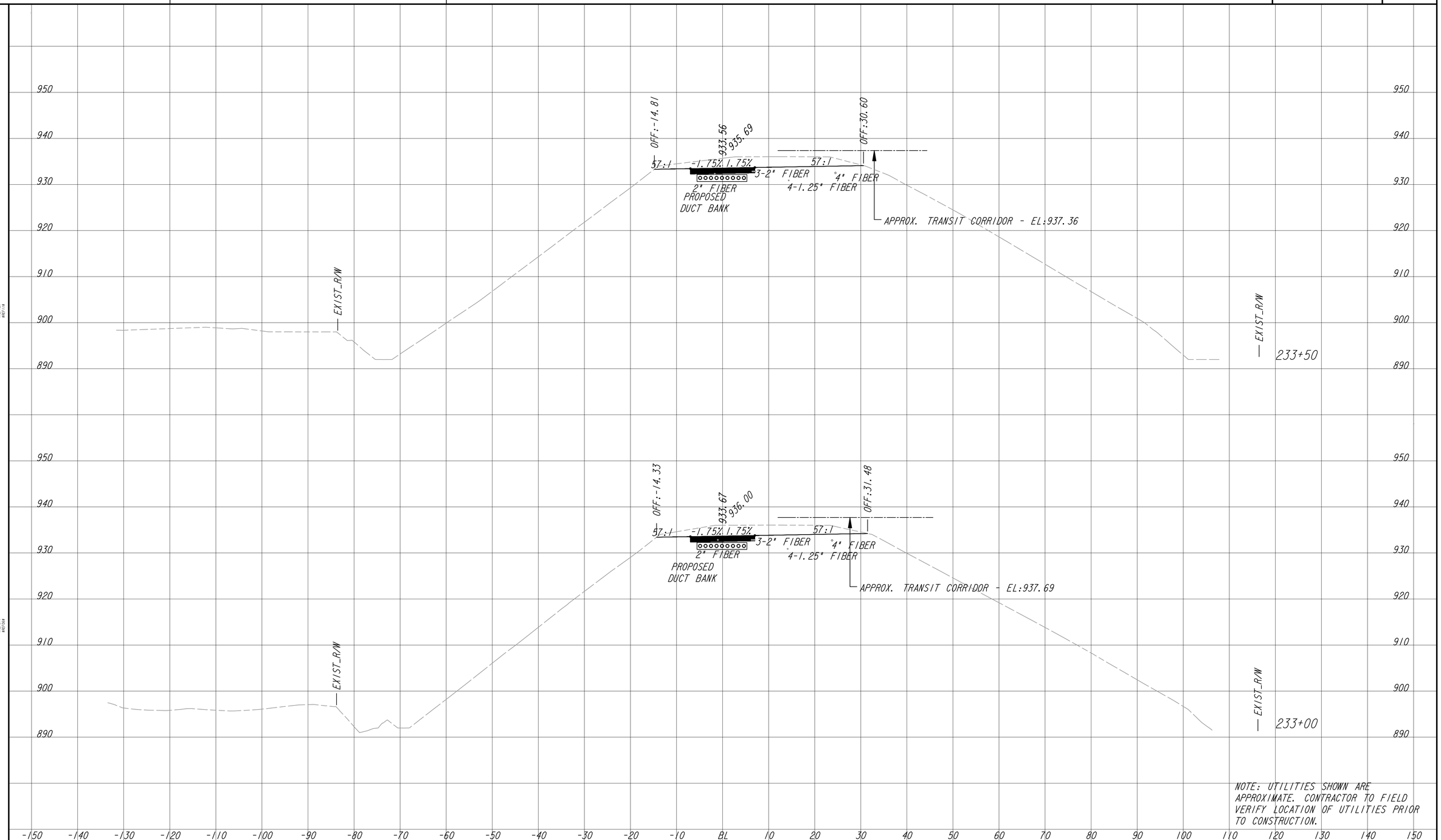
SCALE IN FEET
0 10 20 40

REVISION DATES

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-036
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



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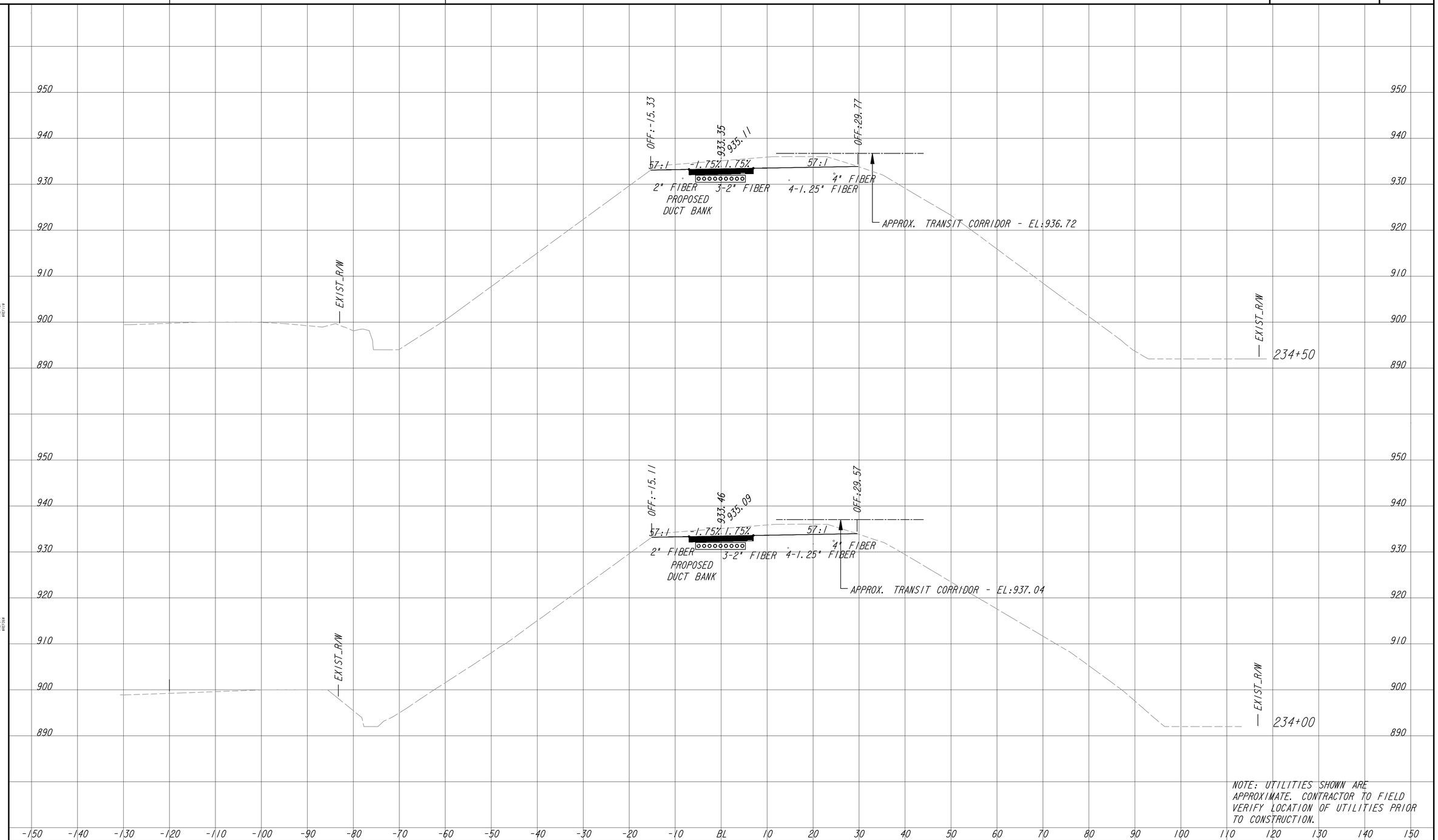
0 10 20 40

REVISION DATES

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-037
CORRECTED:		DATE:		
VERIFIED:		DATE:		



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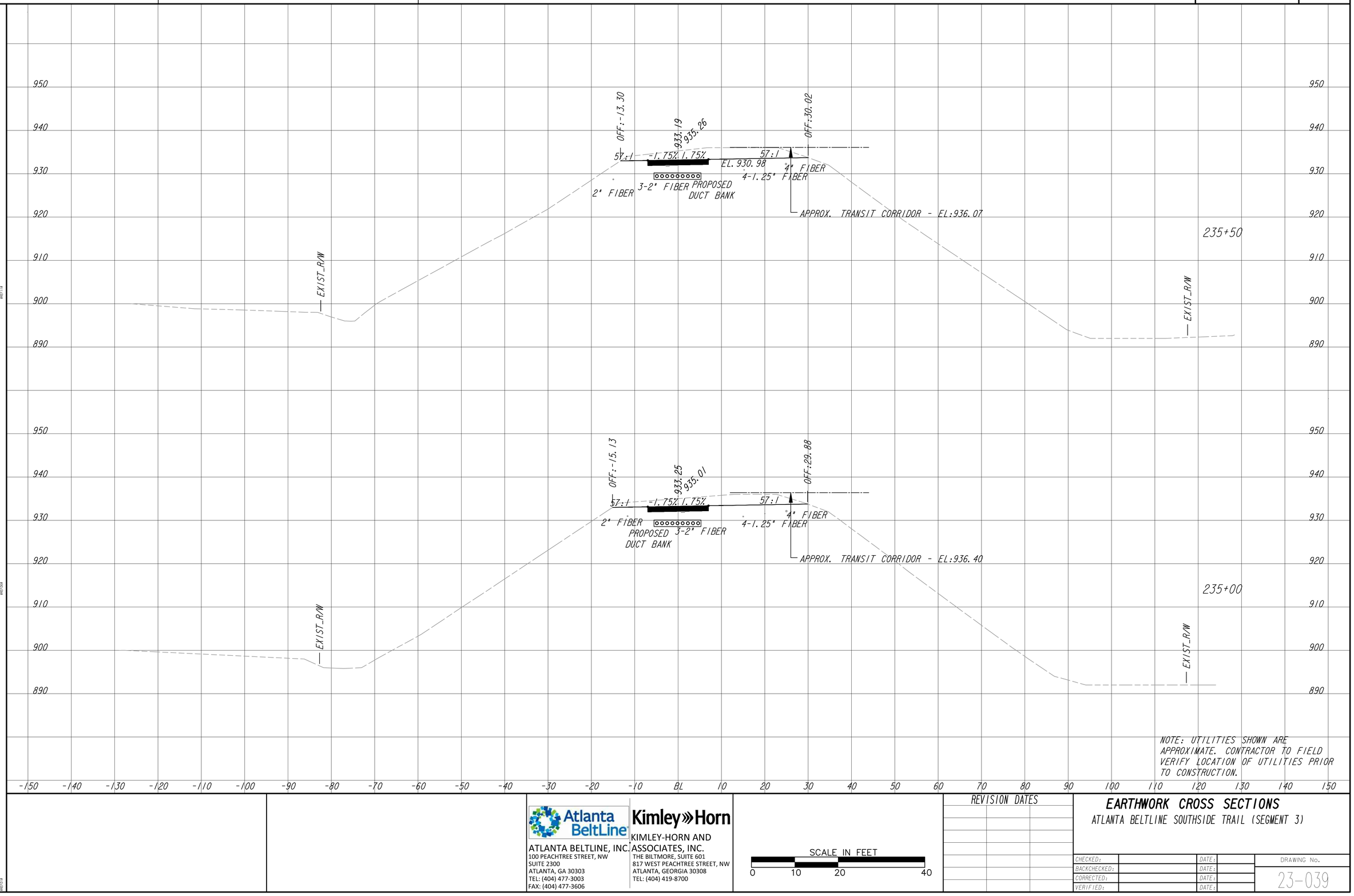
0 10 20 40

REVISION DATES

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-038
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



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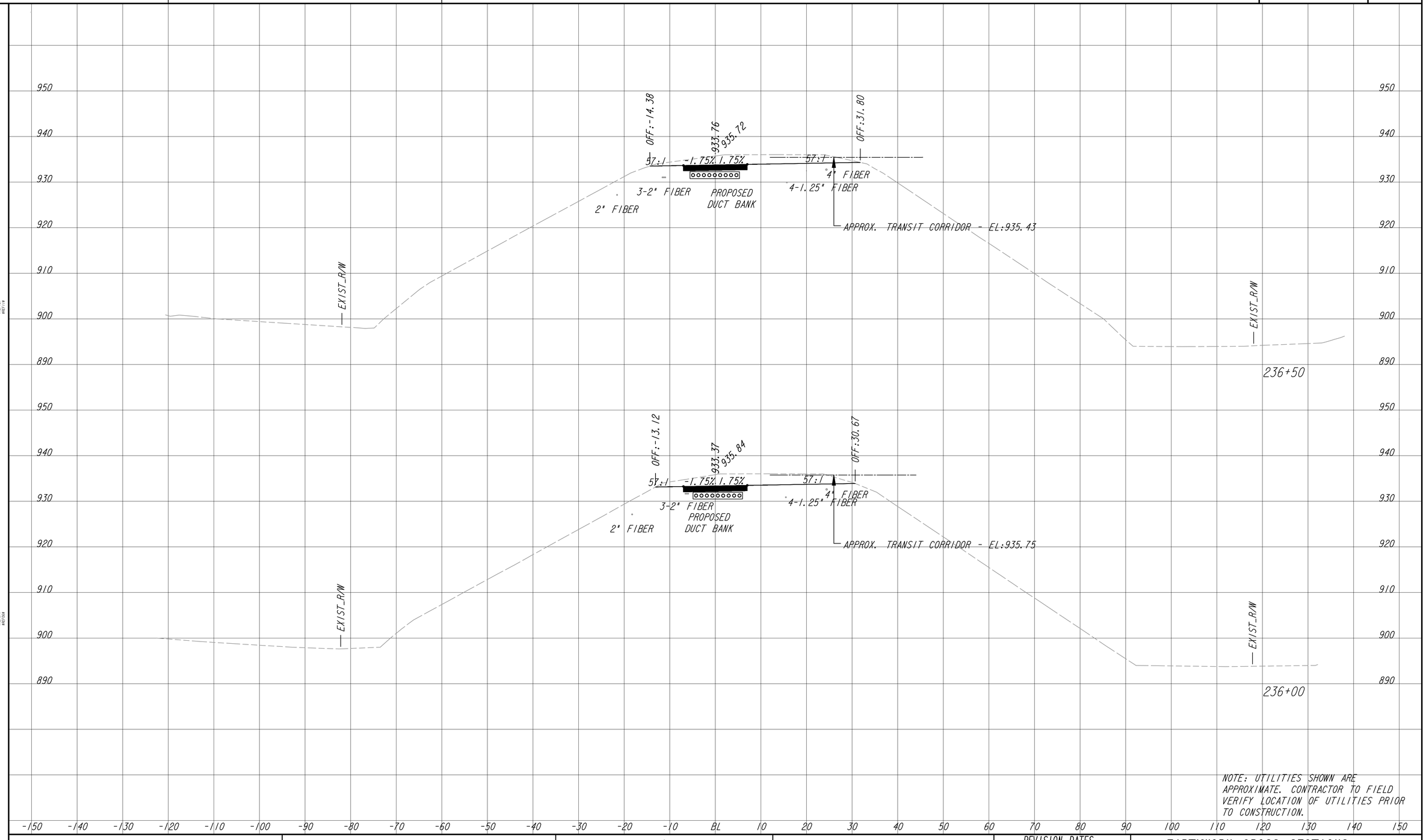
REVISION DATES

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-039
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



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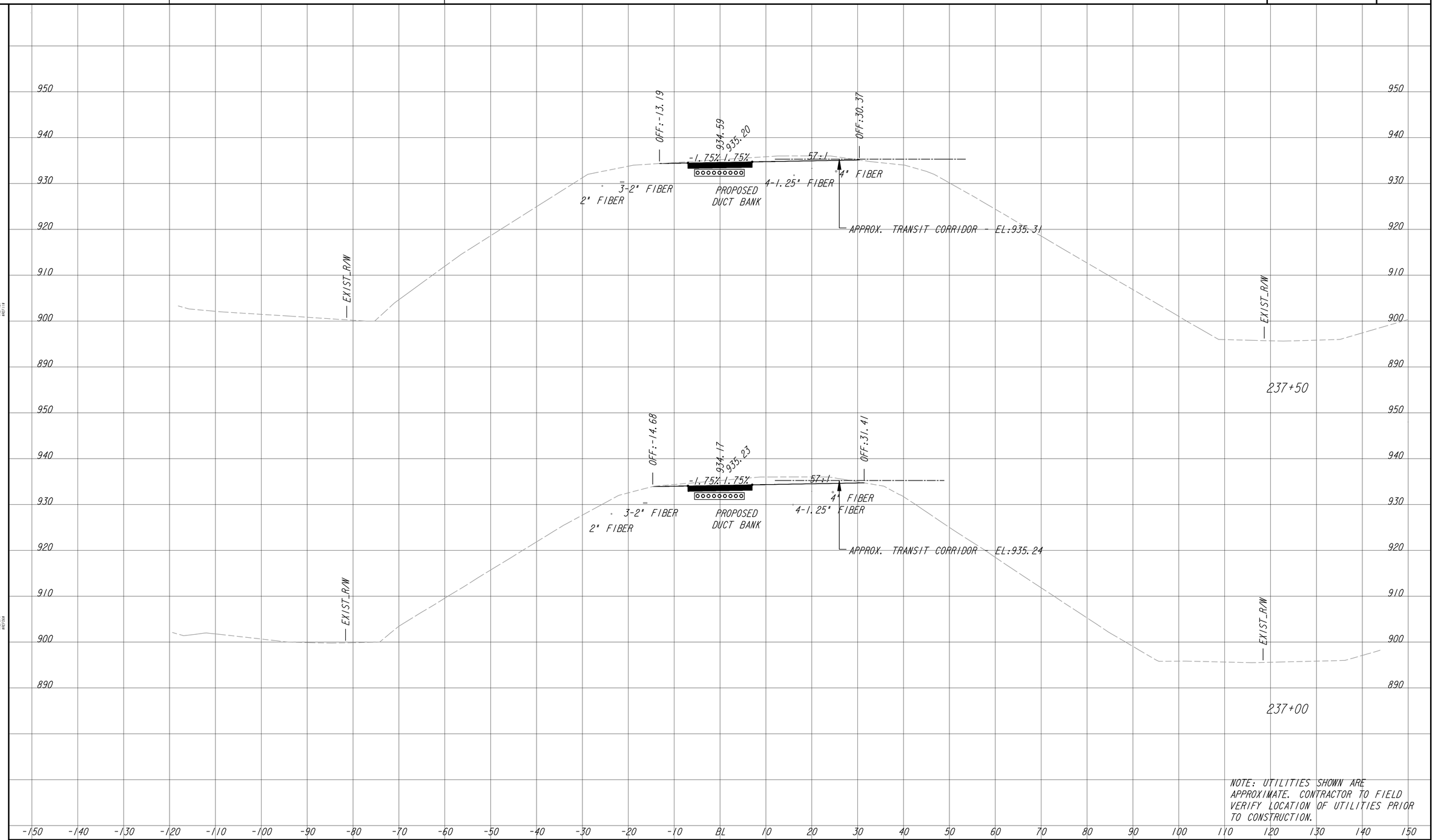
REVISION DATES

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-040
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



NOTE: UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOCATION OF UTILITIES PRIOR TO CONSTRUCTION.

ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
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ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE IN FEET
0 10 20 40

REVISION DATES

EARTHWORK CROSS SECTIONS

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-041
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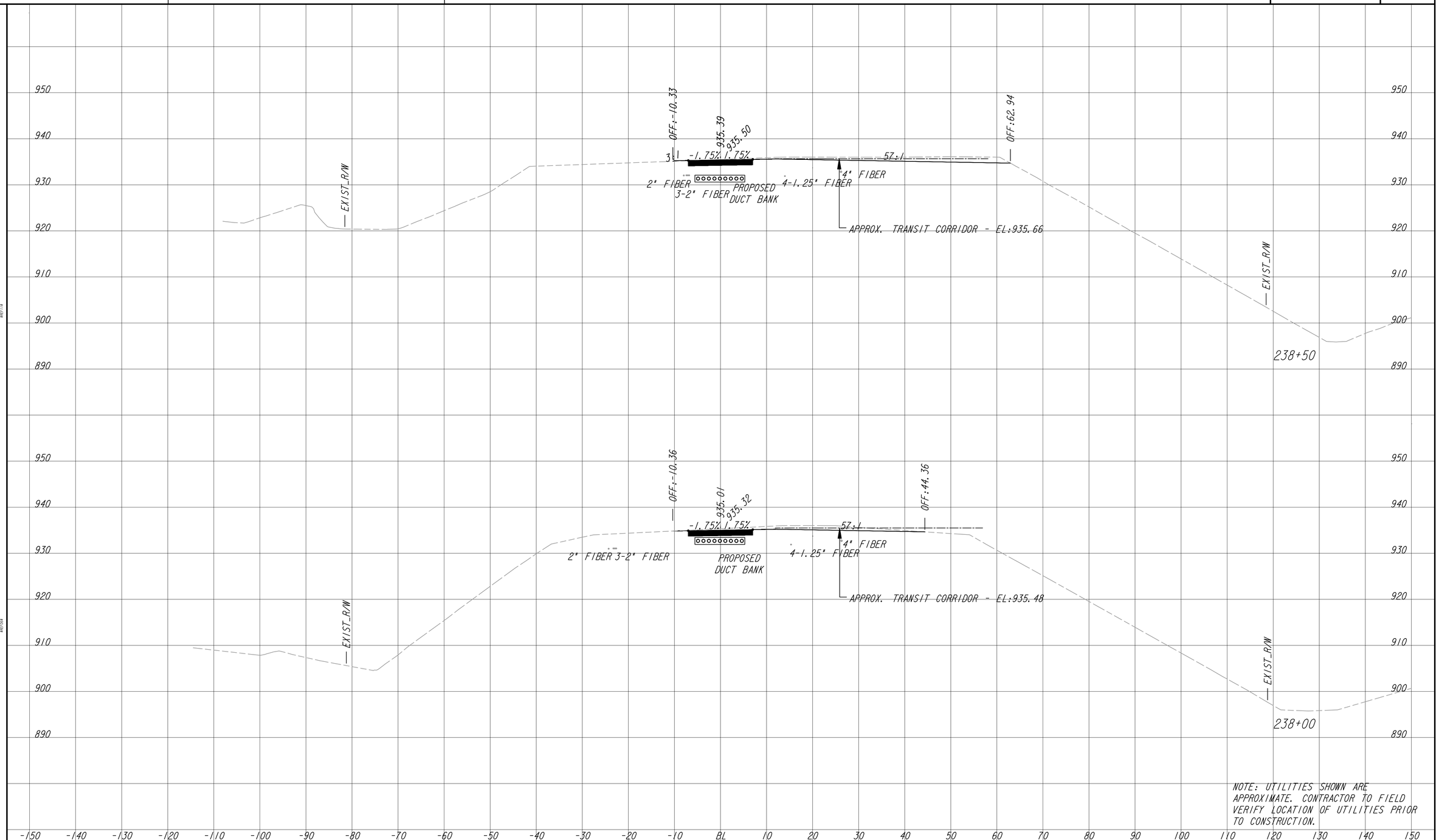

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REVISION DATES

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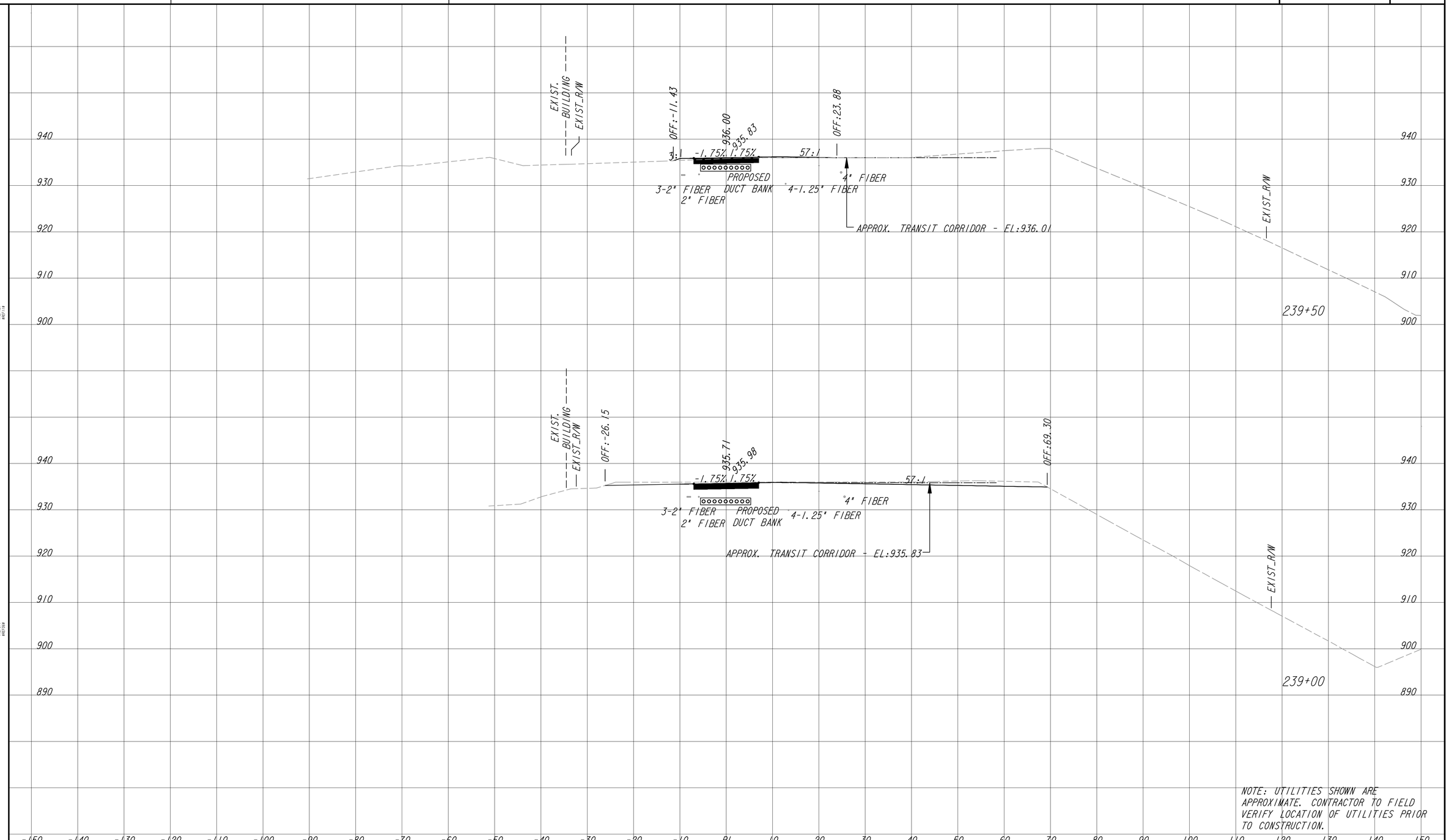

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REVISION DATES

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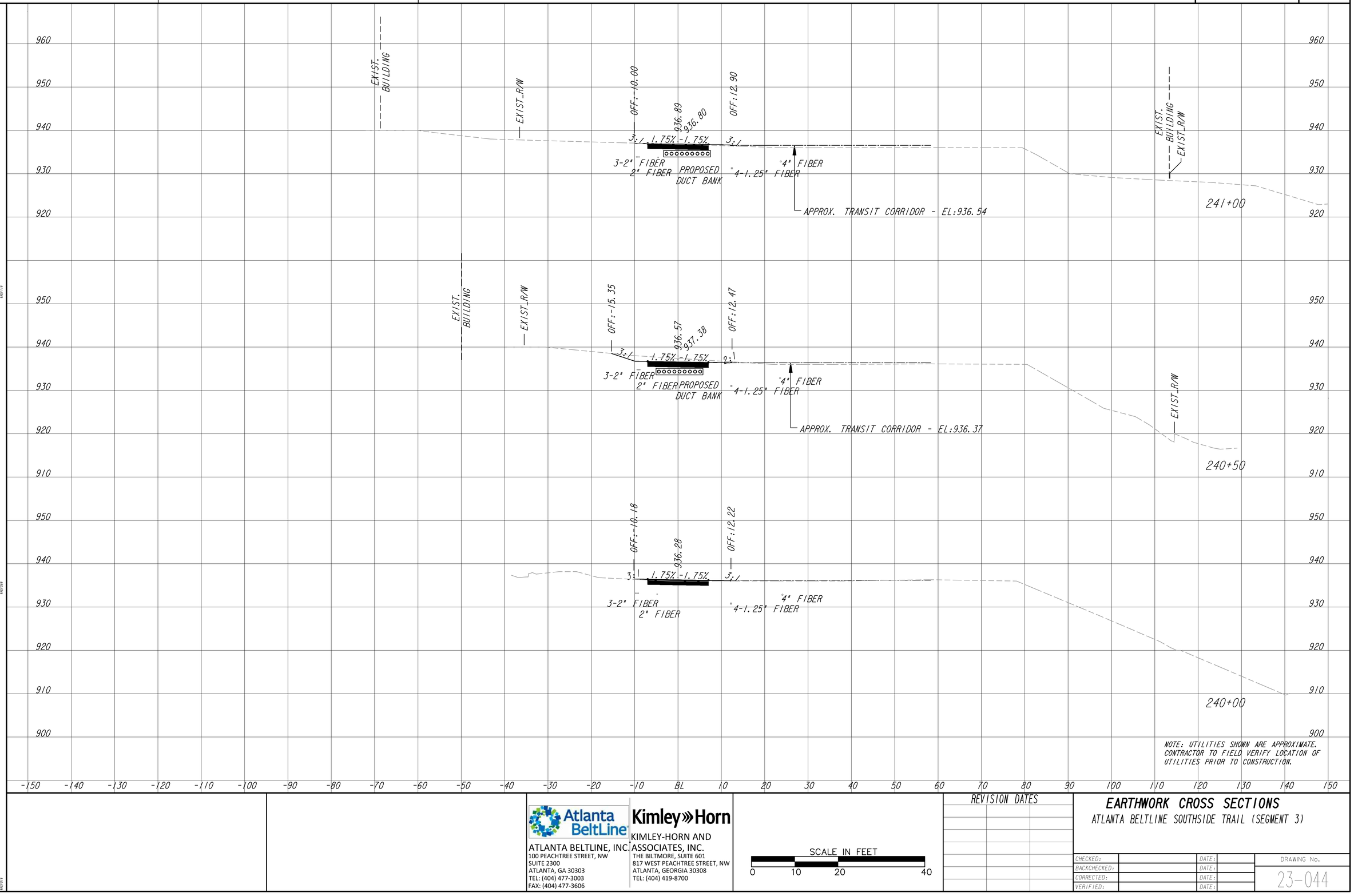

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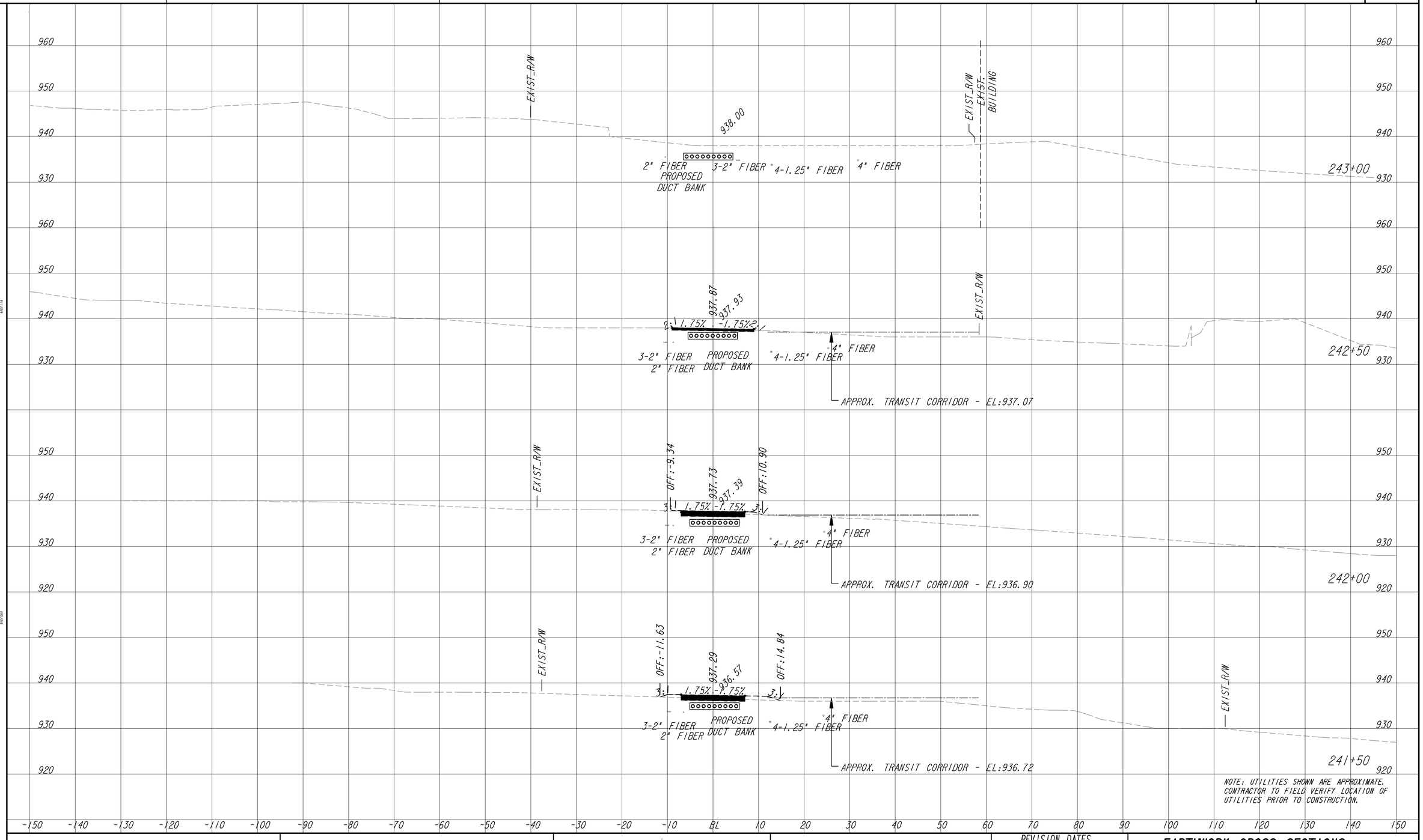

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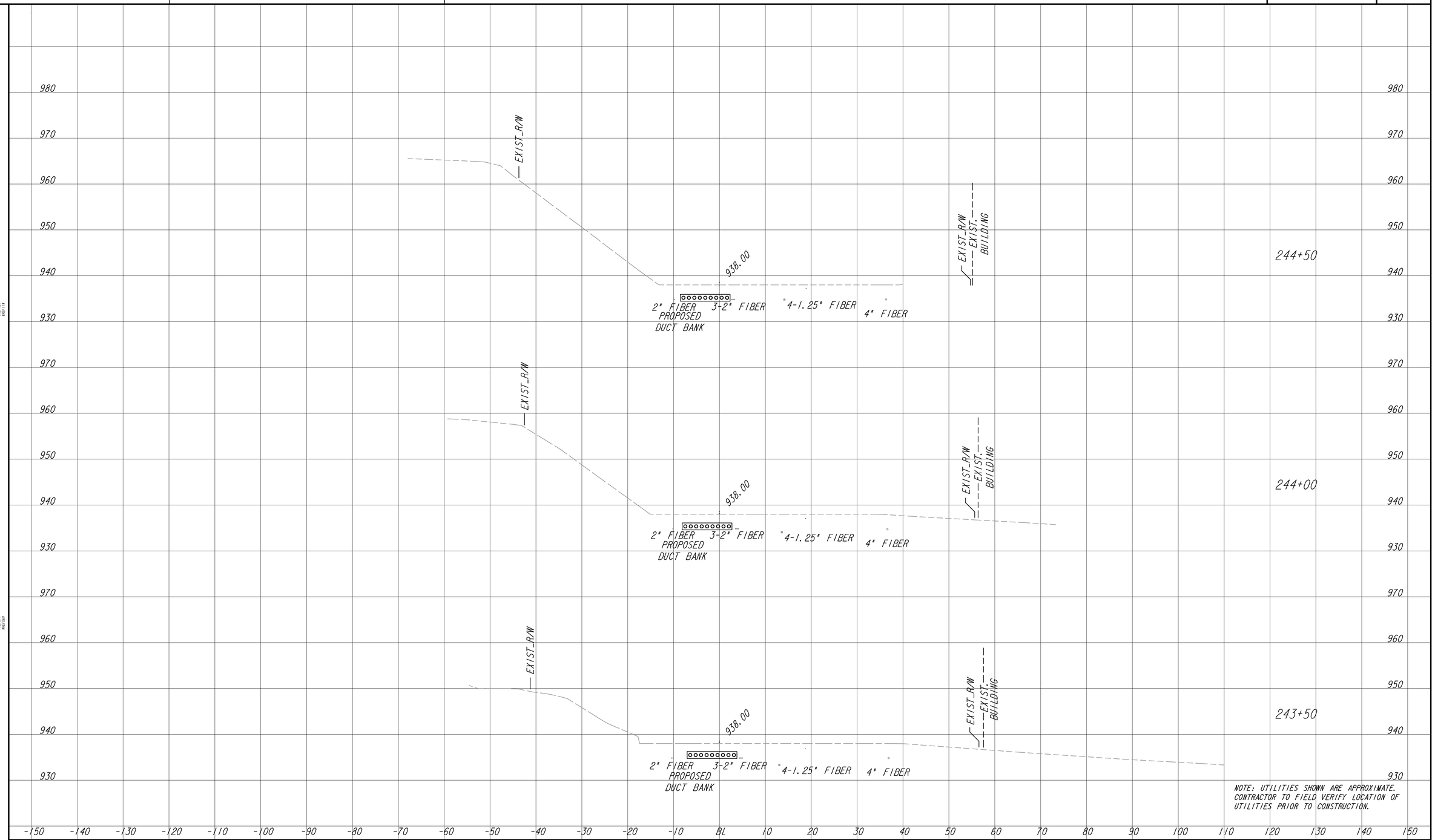

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REVISION DATES

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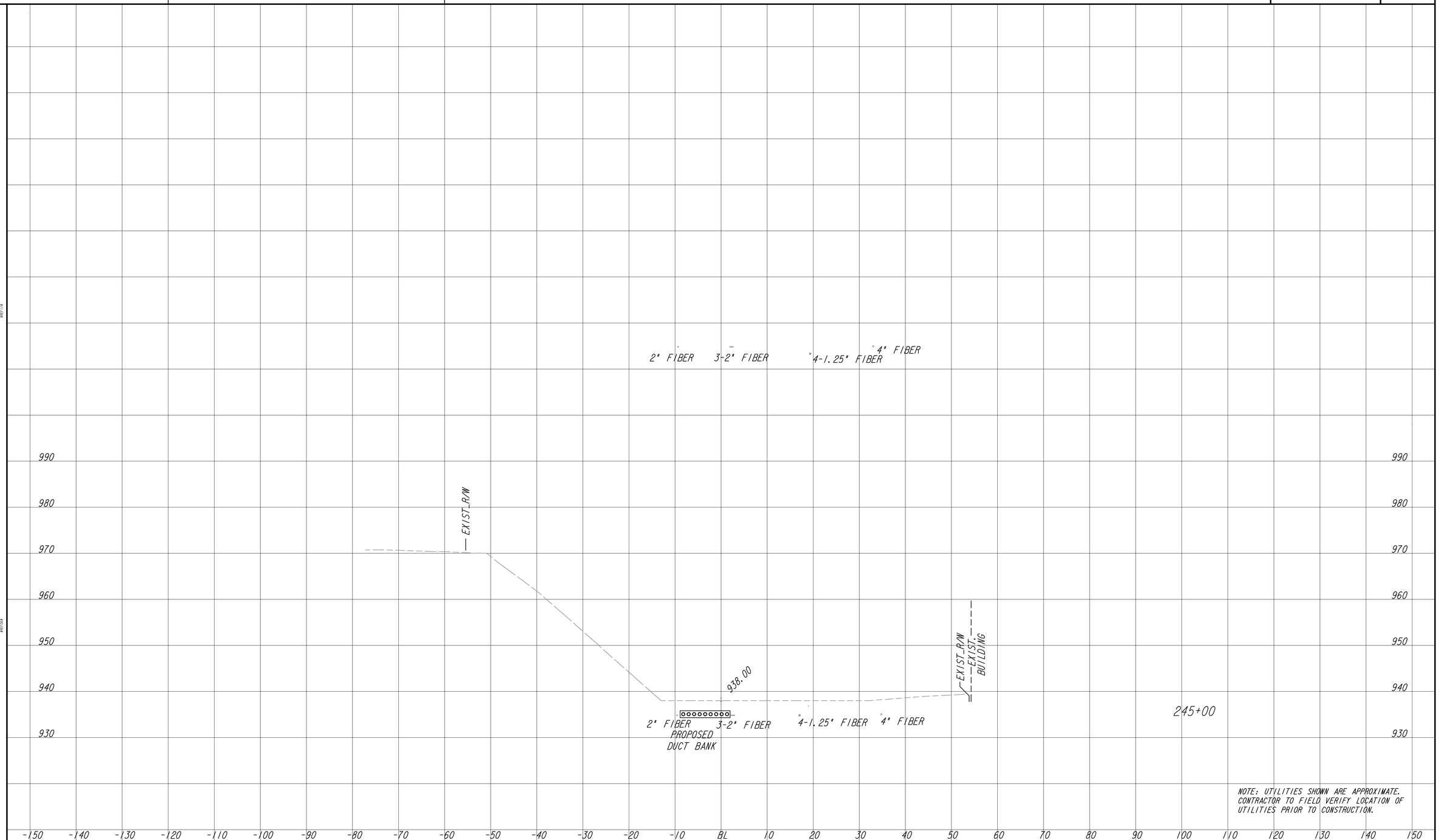

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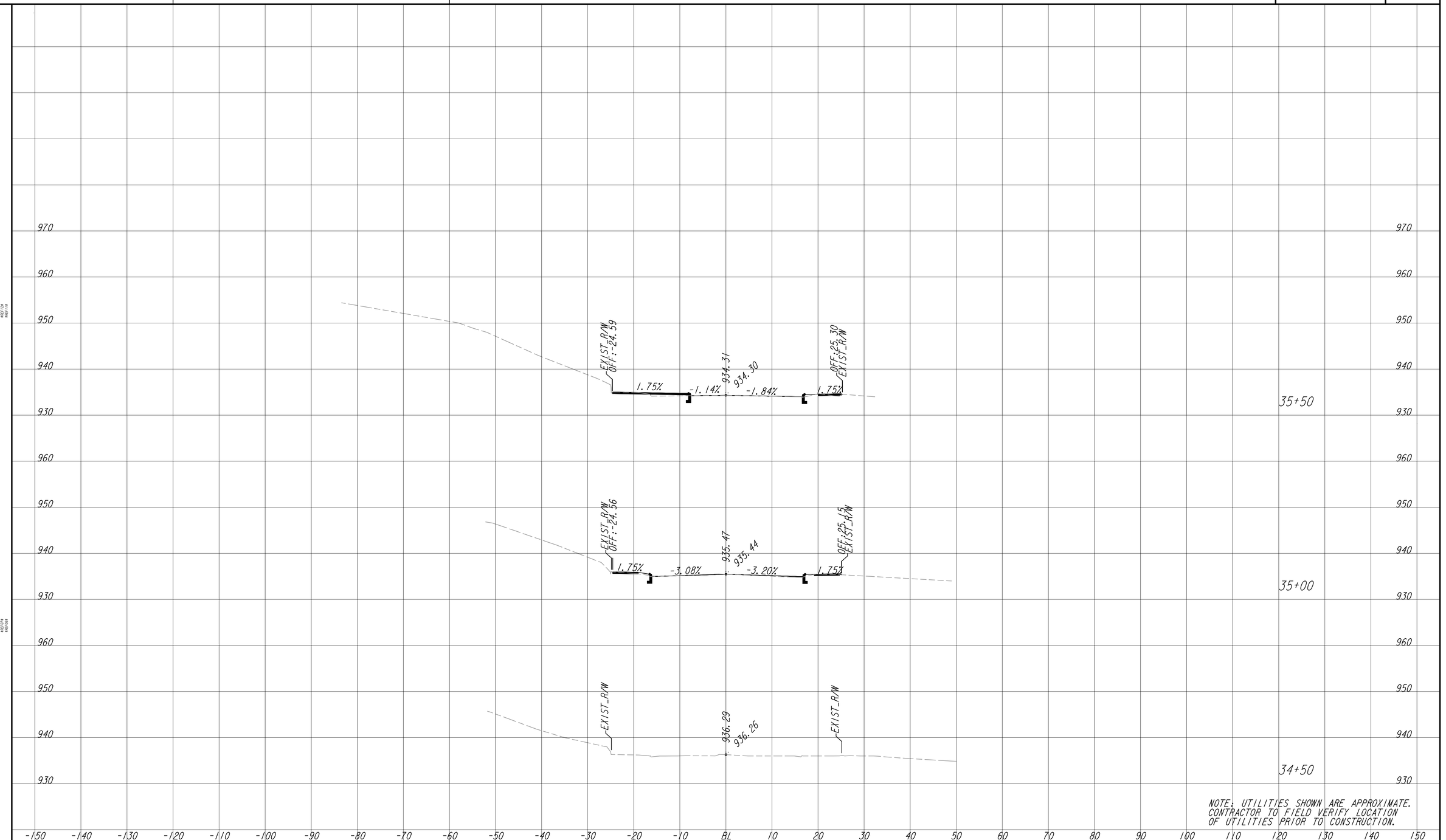

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REVISION DATES

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ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

HILL STREET

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CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

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Cook, Kyra (Shallkashvili)

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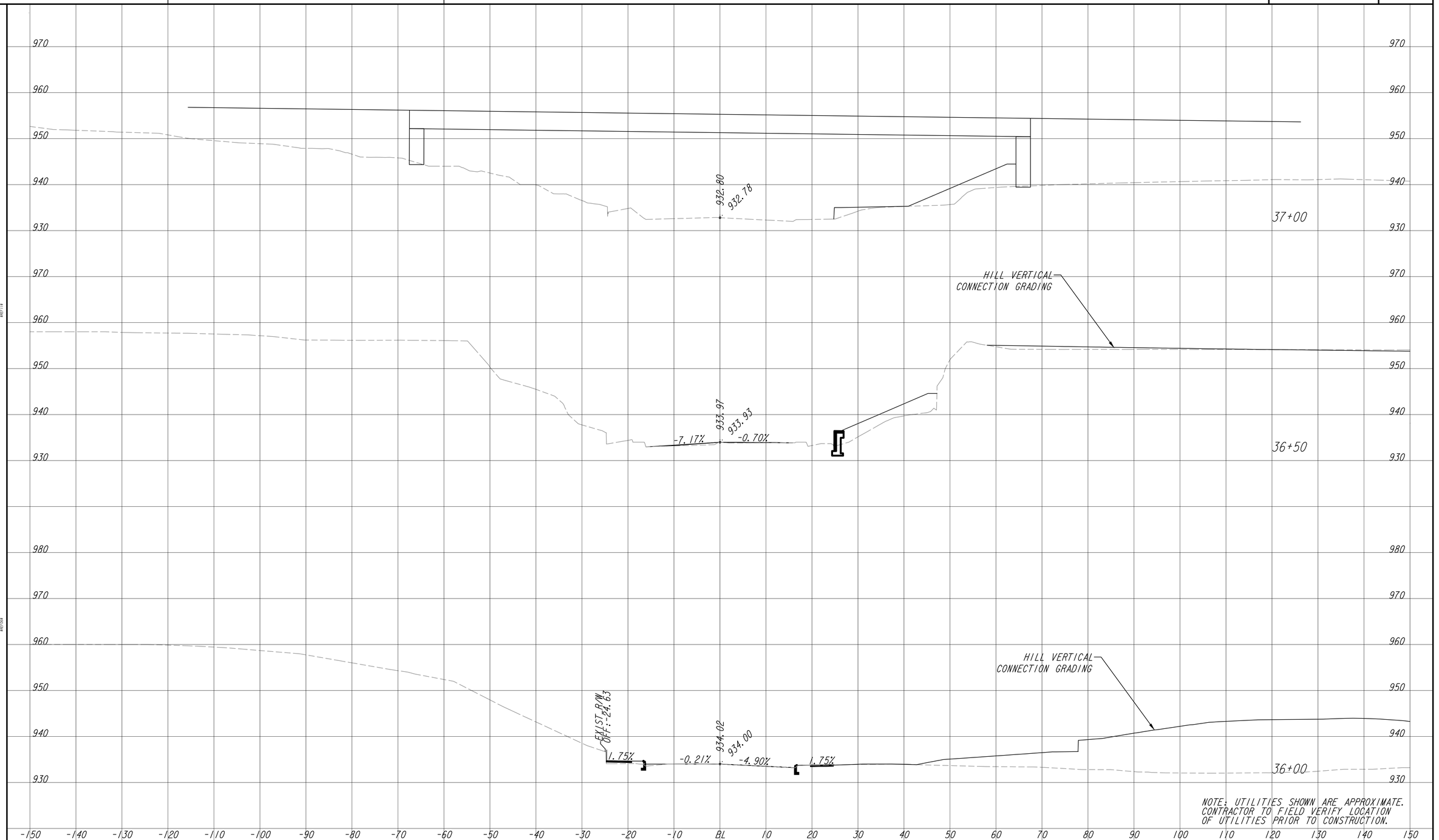

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DRAWING No.
23-049

UTILITY LINECODES

	EXISTING	TO BE REMOVED	PROPOSED	TYPE OF UTILITY
OVERHEAD	E	E	E	ELECTRIC
	E/T/TV	E/T/TV	E/T/TV	ELECTRIC/TELECOMMUNICATIONS/TV
	E/TV	E/TV	E/TV	ELECTRIC/CABLE TV
	T	T	T	TELECOMMUNICATIONS
	TV	TV	TV	CABLE TV
	T/TV	T/TV	T/TV	TELECOMMUNICATIONS/CABLE TV
			GW	GUY WIRE
			TC	TRAFFIC CONTROL
UNDERGROUND	UE	UE	UE	ELECTRIC UNDERGROUND
	T	T	UT	TELECOMMUNICATIONS UNDERGROUND
	W	W	W	WATER
	SS	SS	SS	SANITARY SEWER
	G	G	G	GAS
	N/A	N/A	DB	PROPOSED FLOWABLE FILL ENCASED UTILITY DUCT BANK
		N/A		ROW
	N/A	N/A	C	LIMIT CUT
	N/A	N/A	F	LIMIT FILL
	N/A	N/A		RAILROAD
	N/A	N/A	V	PROPOSED DITCH AND CHANNEL

UTILITY SYMBOLS

EXISTING	PROPOSED	TEMPORARY	
			UTILITY POLE/GUY POLE
			LIGHT POLE
X	X	X	SPLICE BOX
			CABINET
E	E	E	ELECTRIC MANHOLE
H	H	H	HAND HOLE
E	E	E	TRANSFORMER
E	E	E	ELECTRIC METER
E	E	E	ELECTRIC BOX
T	T	T	TELECOMMUNICATIONS MANHOLE
T	T	T	TELECOMMUNICATIONS PEDESTAL
			CABLE TV PEDESTAL
TV	TV	TV	CABLE TV MANHOLE
W	W	W	WATER VALVE
W	W	W	WATER METER
W	W	W	WATER MANHOLE

EXISTING	PROPOSED	TEMPORARY	
			FIRE HYDRANT ASSEMBLY (INCLUDES ASSOCIATED VALVE)
W	W	W	WATER VAULT
W	W	W	WATER VALVE MARKER
SS	SS	SS	SANITARY SEWER MANHOLE
GT	GT	GT	GREASE TRAP
G	G	G	GAS VALVE
G	G	G	GAS METER
G	G	G	GAS VAULT
			EXISTING FIRE HYDRANT
PP		PP	POWER POLE
TC	N/A	N/A	TRAFFIC CONTROL

UTILITIES GENERAL NOTES

1. LOCATIONS, SIZES, AND MATERIALS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. UTILITIES SHOWN ON THESE DRAWINGS WERE COMPILED FROM INFORMATION FURNISHED BY THE UTILITY OWNERS AND BY SUE SURVEYS, QUALITY LEVEL D. CONTRACTOR IS RESPONSIBLE FOR FIELD LOCATING ALL EXISTING UTILITIES SHOWN OR NOT SHOWN ON THE DRAWINGS PRIOR TO CONSTRUCTION.
2. UTILITY LOCATIONS ARE SHOWN FOR INFORMATION PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR DETERMINING BOTH THE EXACT LOCATION OF ALL UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE HIS OPERATIONS WITH ALL UTILITIES, WHICH MAY BE EXISTING AND MAY BE IN CONFLICT WITH HIS WORK. THE CONTRACTOR IS TO PROTECT AND MAINTAIN SUCH UTILITIES. UTILITIES IDENTIFIED AS OPERATING FACILITIES IN THE PROJECT AREA INCLUDE, BUT ARE NOT LIMITED TO (ALSO, SEE UTILITY OWNERS SCHEDULE, THIS SHEET):
   A. PHONE: AT&T
   B. GAS: ATLANTA GAS LIGHT
   C. FIBER: CARTER
   D. WATER: CITY OF ATLANTA
   E. SEWER: CITY OF ATLANTA
   F. ELECTRIC–OVHD: GEORGIA POWER – DISTRIBUTION
   G. ELECTRIC–UG: GEORGIA POWER – DISTRIBUTION
   H. ELECTRIC–OVHD: GEORGIA POWER – TRANSMISSION
   I. ELECTRIC–UG: GEORGIA POWER – TRANSMISSION
   J. ELECTRIC–OVHD: MEAG POWER
   K. ELECTRIC–UG: MEAG POWER
   L. RAILROAD: NORFOLK SOUTHERN FIBER OPTICS
   M. PHONE: ZAYO
   N. PHONE: VERIZON
   O. PHONE: SPRINT
4. THE CONTRACTOR IS REQUIRED TO RETAIN AN INDEPENDENT UTILITY LOCATING SERVICE TO LOCATE EXISTING UTILITIES ABOVE AND BELOW GRADE. THE CONTRACTOR SHALL CONTACT THE UTILITIES PROTECTION CENTER (404–325–5000 OR 800–282–7411) AS REQUIRED BY GEORGIA LAW, AND SHALL CONTACT ALL UTILITIES, AGENCIES OR DEPARTMENTS THAT OWN OR OPERATE UTILITIES IN THE VICINITY OF THE PROJECT SITE AT LEAST 72 BUSINESS HOURS (THREE BUSINESS DAYS) PRIOR TO EXCAVATION ACTIVITIES TO VERIFY THE LOCATIONS OF EXISTING UTILITIES.
5. CONTRACTOR SHALL EXERCISE FULL CARE AND SHALL USE APPROPRIATE METHODS AND EQUIPMENT DURING CONSTRUCTION ACTIVITIES AND PROVIDE PROTECTION OF UTILITIES, STRUCTURES, AND FACILITIES IN AND AROUND THE SITE. ALL EXISTING UTILITIES, IMPROVEMENTS, AND STRUCTURES, WHICH ARE TO REMAIN, BUT ARE DAMAGED BY THE CONTRACTOR, SHALL BE REPAIRED OR REPLACED IN KIND BY THE CONTRACTOR.
6. THE WORK COVIERED BY THESE DRAWINGS INCLUDES THE FURNISHING OF ALL LABOR, EQUIPMENT, MATERIALS, AND INSURANCE REQUIRED TO CONSTRUCT AND INSTALL ALL UTILITIES SHOWN ON THESE DRAWINGS OR AS DIRECTED BY THE OWNER.
7. CONTRACTOR SHALL COORDINATE WORK WITH ATLANTA GAS LIGHT COMPANY, CITY OF ATLANTA WATER BUREAU (UNITED WATER COMPANY), CITY OF ATLANTA PUBLIC WORKS DEPARTMENT, GEORGIA POWER COMPANY, BELLSOUTH, CABLE TELEVISION COMPANIES, AND ANY OTHER UTILITY COMPANIES FOR UTILITY AND SEWER LOCATION RELOCATION, AND INSTALLATION OF NEW UTILITIES PRIOR TO CONSTRUCTION ACTIVITY.
8. ALL CONSTRUCTION WORK SHALL CONFORM TO THE RULES AND REGULATIONS GOVERNING DEVELOPMENT OF SANITARY AND STORM SEWER IN THE ATLANTA METROPOLITAN SEWER SYSTEM AND THE CITY OF ATLANTA, DEPARTMENT OF PUBLIC WORKS STANDARD DETAILS, LATEST EDITION.
9. CONTRACTOR SHALL INSTALL PIPE MATERIALS WITH BEDDING CLASS/TYPE AS SHOWN ON THE DRAWINGS, UNLESS OTHERWISE SPECIFIED.
10. ANY WORK PERTAINING TO UTILITY POLES SHALL COMPLY WITH THE REQUIREMENTS OF THE APPROPRIATE UTILITY.
11. SEPARATE SEARCH FOR EASEMENTS OF RECORD IS NOT TO BE IMPLIED BY THESE DRAWINGS.
12. CONTRACTOR SHALL INSTALL STEEL COVER PLATES ON OPEN TRENCHES OR HOLES AT THE END OF EACH DAY'S WORK TO PROTECT THE PUBLIC. THE PLATES WILL BE PLACED IN DRIVEWAYS AS WELL AS ROADS.
13. CONTRACTOR SHALL PROVIDE PROPER SUPPORT FOR EXISTING UTILITIES DURING CONSTRUCTION TO PREVENT DAMAGE TO EXISTING UTILITIES. ANY DAMAGE DUE TO THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED BY THE RESPECTIVE UTILITY OWNER AND PAID FOR BY THE CONTRACTOR.
14. TELEPHONE, GAS, POWER, AND TELECOMMUNICATIONS WORK TO BE DESIGNED AND PERMITTED SEPARATELY.
15. ALL WATER LINES AND APPURTENANCES SHALL BE INSTALLED/CONSTRUCTED ACCORDING TO THE CITY OF ATLANTA RULES AND REGULATIONS GOVERNING DEVIELOPMENT OF DESIGN AND INSTALLATION OF WATER LINES IN THE ATLANTA METROPOLITAN WATER DISTRIBUTION SYSTEM, LATEST EDITION, SECTION 5, WATER MAIN INSTALLATION SPECIFICATIONS. THE WATER SYSTEM DESIGN OF THIS PLAN SHOWS ONLY APPROXIMATE LOCATIONS OF VARIOUS APPURTENANCES.
16. THE CONTRACTOR SHALL CONFIRM ALL EXISTING STORM INLETS, SEWER MANHOLES, AND INVERT ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION.
17. SHORING SHALL BE DONE AS NECESSARY TO PROTECT THE WORK AND FOR SAFETY OF PERSONNEL. SHORING SHALL BE IN ACCORDANCE WITH SECTION 7 OF THE MANUAL OF ACCIDENT PROTECTION IN CONSTRUCTION AS PUBLISHED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA, OSHA, AND LOCAL REGULATIONS.
18. CONCRETE THRUST BLOCKING SHALL BE INSTALLED AT ALL BENDS, TEES, HYDRANTS, PLUGS, ETC. (SEE CITY OF ATLANTA WATER DETAILS).
19. WITHIN THE PROPERTY BOUNDARY, WHERE DOMESTIC WATER SERVICE CROSSES SANITARY SEWER LINES, THE DOMESTIC WATER LINE SHALL BE INSTALLED A MINIMUM OF 18 INCHES ABOVE THE SANITARY SEWER LINE. IF THIS VERTICAL SEPARATION CANNOT BE ACHIEVED AND THE WATER LINE IS LOCATED BELOW THE SEWER, THE WATER LINE SHALL BE FULLY ENCASED IN CONCRETE FOR A DISTANCE OF 10 FEET ON EACH SIDE OF CROSSING. EXCEPT WHERE WATER AND SEWER LINES MUST CROSS, THE MINIMUM HORIZONTAL SEPARATION OF 10 FEET SHALL BE MAINTAINED BETWEEN THESE UTILITY LINES.
20. BACKFILL OF ALL TRENCHES SHALL BE FREE OF DEBRIS, STUMPS, ROOTS, OR OTHER FOREIGN MATERIAL AND COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY OF THE MATERIAL, AS DETERMINED BY THE STANDARD PROCTOR COMPACTION TEST METHOD (ASTM D698). WHERE TRENCHES ARE LOCATED IN PAVED AREAS THE UPPER TWO FEET OF BACKFILL SHALL BE COMPACTED TO 98% OF THE MAXIMUM DRY DENSITY OF THE MATERIAL. CORRECTIONS OF ANY TRENCH SETTLEMENT WITHIN ONE YEAR FROM THE DATE OF ACCEPTANCE BY THE OWNER SHALL BE RESPONSIBILITY OF THE CONTRACTOR.
21. WHERE CITY PUBLIC WORKS REGULATIONS CONFLICT WITH THE ABOVE, CITY REQUIREMENTS SHALL BE FOLLOWED, AND GDOT REQUIREMENTS SHALL BE FOLLOWED FOR WORK ON STATE ROUTES.
22. WATER TAPS, VAULTS AND METERS SHALL BE INSTALLED BY THE CITY OF ATLANTA WATER DEPARTMENT, FEES PAID BY THE CONTRACTOR.
23. ALL TAPS SHALL REMAIN EXPOSED AT THE MAIN UNTIL THE SYSTEM HAS BEEN SUCCESSFULLY INSPECTED, DISINFECTED, AND TESTED FOR PRESSURE AS PROVIDED IN THE SUBDIVISION RULES AND REGULATIONS.
24. THE CONTRACTOR SHALL COORDINATE UTILITY CONNECTIONS WITH THE PLUMBING CONTRACTOR AND THE ARCHITECT'S PLANS.
25. ALL SANITARY SEWER PIPING SHALL BE PVC – SDR 35 GRAVITY SEWER PIPE, UNLESS OTHERWISE INDICATED IN THE PLANS.
26. WATER VALVE MARKERS SHALL BE PLACED AT ALL LOCATIONS WHERE WATER VALVES ARE NOT IN THE STREETS. WATER VALVES THAT ARE IN THE STREET WILL BE CLEARLY MARKED ON THE CURB.
27. ALL CONSTRUCTION METHODS AND MATERIALS USED IN THE CITY OF ATLANTA WATER SYSTEM MUST BE MADE OF DUCTILE IRON, AND COMPLY IN RESPECT TO ANSI/AWWA AZ1–111–85 STANDARD SPECIFICATIONS. INSTALLATIONS THAT DO NOT MEET THE SPECIFICATIONS IN ALL RESPECTS WILL NOT BE ACCEPTED.
28. LOT LINES WILL BE CLEARLY IDENTIFIED AND MARKED ON TOP OF CURBS BEFORE THE WATER MAINS ARE INSTALLED.
29. CONDUIT ACROSS THE ROAD, FOR INSTALLATION OF WATER SERVICES, IS TO BE INSTALLED BY THE CONTRACTOR AND SHALL BE PVC PIPE OR APPROVED ALTERNATE.
30. THE CITY OF ATLANTA WATER INSPECTOR MUST BE NOTIFIED 48 HOURS PRIOR TO START OF EACH PHASE OF CONSTRUCTION.
31. FIRE HYDRANTS SHOWN IN THE RADIUS OF A CURVE SHALL BE FIELD ADJUSTED SO THAT THE ACTUAL INSTALLATION OF FIRE HYDRANTS WILL BE OUTSIDE CURVE RADIUS.
32. ANY CHANGES TO THE APPROVED WATER DRAWINGS MUST BE APPROVED BY THE CITY OF ATLANTA WATER DEPARTMENT ENGINEER.
33. ALL LINES 6" OR GREATER MUST BE HYDROSTATICALLY PRESSURE TESTED AT 250 PSI FOR A MINIMUM OF TWO (2) HOURS.
34. WATER LINES TO ALL FIRE HYDRANTS SHALL BE BURIED AT LEAST 4.5 FEET BELOW FINISHED GRADE. HYDRANTS SHALL BE SPACED A MAXIMUM DISTANCE OF 500 FEET APART. FIRE HYDRANTS SHOULD BE LOCATED ON PROPERTY LINES AND THE BACK OF ALL CUL –DE –SACS.
35. VALVES SHALL HAVE A MAXIMUM SPACING DISTANCE OF 1,000 FEET AND BE PLACED NEAR A FIRE HYDRANT.
36. A 2" DIAMETER PVC CONDUIT WILL BE USED TO ACCESS ALL LOTS ON THE OPPOSITE SIDE OF THE STREET FROM THE WATER MAIN, EXCEPT IN CUL –DE –SACS.
37. WATER MAINS, VALVES, HYDRANTS AND APPURTENANCES SHALL BE INSTALLED BEFORE THE INSTALLATION OF THE SUB–BASE COURSE OF PAVING OR ANY OTHER UTILITIES, EXCEPT SANITARY SEWER LINES.
38. CONTRACTOR SHALL NOTIFY THE CITY OF ATLANTA WATER AUTHORITY A MINIMUM OF 24 HOURS PRIOR TO TAPPING THE WATER AND/OR SEWER MAINS. CITY OF ATLANTA WATER AUTHORITY WILL MAKE WATER TAP.
39. WATER SERVICES SHALL HAVE A MINIMUM 2 FEET COVER.
40. WATER METERS AND BACKFLOW PREVENTERS SHALL BE IN ACCORDANCE WITH THE CITY OF ATLANTA AND GEORGIA EPD REQUIREMENTS.
41. CONTRACTOR SHALL PROVIDE AN "AS–BUILT" SURVEY IN AUTOCAD FORMAT OF WATER, STORM WATER AND SANITARY UTILITIES UPON COMPLETION OF CONSTRUCTION.
42. WATER SERVICE LINES, FROM BUILDING TO METER, SHALL BE COPPER. PROVIDE TRANSITION FITTINGS AS REQUIRED. ALL LINES OVER 100–FEET IN LENGTH SHALL BE 1–INCH DIAMETER. ALL OTHERS SHALL BE 3/4–INCH DIAMETER. SERVICE LINES CROSSING THE STREET SHALL BE 2–INCH DIAMETER.
43. CONTRACTOR SHALL LOCATE WATER SERVICE LINES TO AVOID CONFLICT WITH PROPOSED LANDSCAPING.
44. REVIEW CITY OF ATLANTA GIS UTILITY DATA FOR APPROXIMATE LOCATIONS CF DEEP SANITARY AND STORM LINES. THESE UTILITIES ARE SCHEDULED TO REMAIN IN USE AND PROTECTED THROUGHOUT THE PROJECT DURATION.
45. WHERE NECESSARY, CONTRACTOR SHALL ADJUST HEIGHT OF MANHOLES, VALVE BOXES AND WATER METERS TO MATCH NEW GRADES.
46. NO PROPOSED MANHOLES SHALL BE LOCATED WITHIN THE GDOT R/W.
47. WHEN RELOCATING EXISTING FIRE HYDRANTS PLACE FIRE HYDRANT 6 FEET FROM FACE OF CURB IN 30 MPH SPEED LIMIT ZONE, 8 FEET FROM FACE OF CURB IN 35 MPH SPEED LIMIT ZONE OR 12 FEET FROM FACE OF CURB IN 45 MPH SPEED LIMIT ZONE.
48. WATER METERS, VAULTS, AND BACKFLOW PREVENTERS ARE NOT ALLOWED IN GDOT R/W.
49. A GUPS PERMIT IS REQUIRED FOR ANY PROPOSED RELOCATIONS, ADJUSTMENTS AND TAPS IN GDOT'S R/W.
50. ALL POLES SHALL BE LOCATED BEHIND ANY PROPOSED SIDEWALKS OR OUT OF THE ESTABLISHED CLEAR ZONE AS PER CHAPTER 5 & 8 OF THE UTILITY ACCOMMODATION MANUAL 2016.

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ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
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ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

R. POWELL & ASSOCIATES, INC.
ENGINEERING CONSULTANTS
1312 KILLIAN WAY
LILBURN, GEORGIA 30047
PHONE: 770-806-0143

REVISION DATES

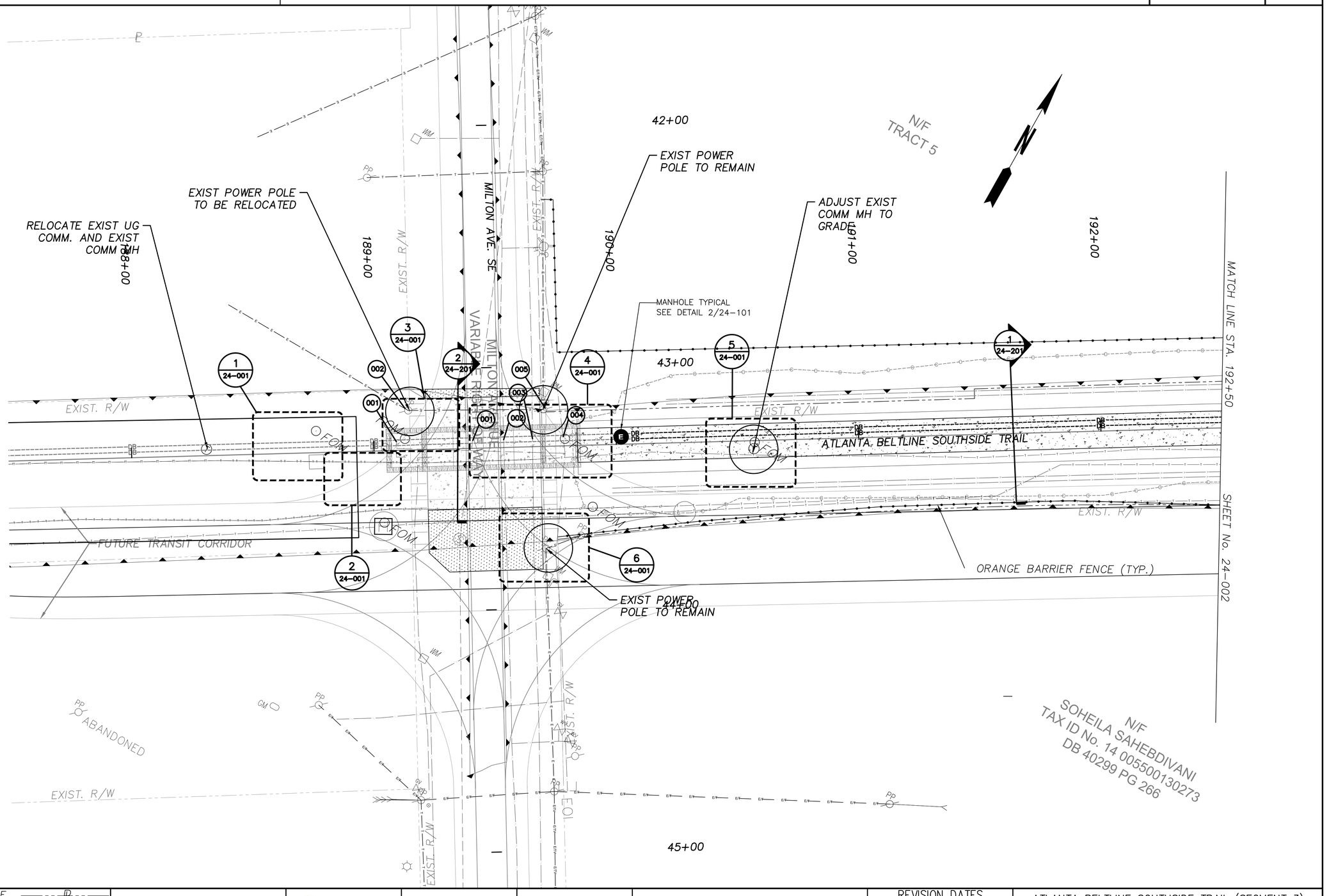
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
UTILITIES GENERAL NOTES AND LEGENDS

CHECKED:	R.P.	DATE:	7/15/19
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 24–000

$REFNM$

10/23/2015 GPLN



SHEET NOTE:

THE T(B) LINE REPRESENTS THE ASSUMED LOCATION OF THE GEORGIA DEPARTMENT OF TRANSPORTATION FIBER, BASED QL B SUE SURVEY

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

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PHONE: 770-806-0143

SCALE IN FEET
0 20 40 80

REVISION DATES

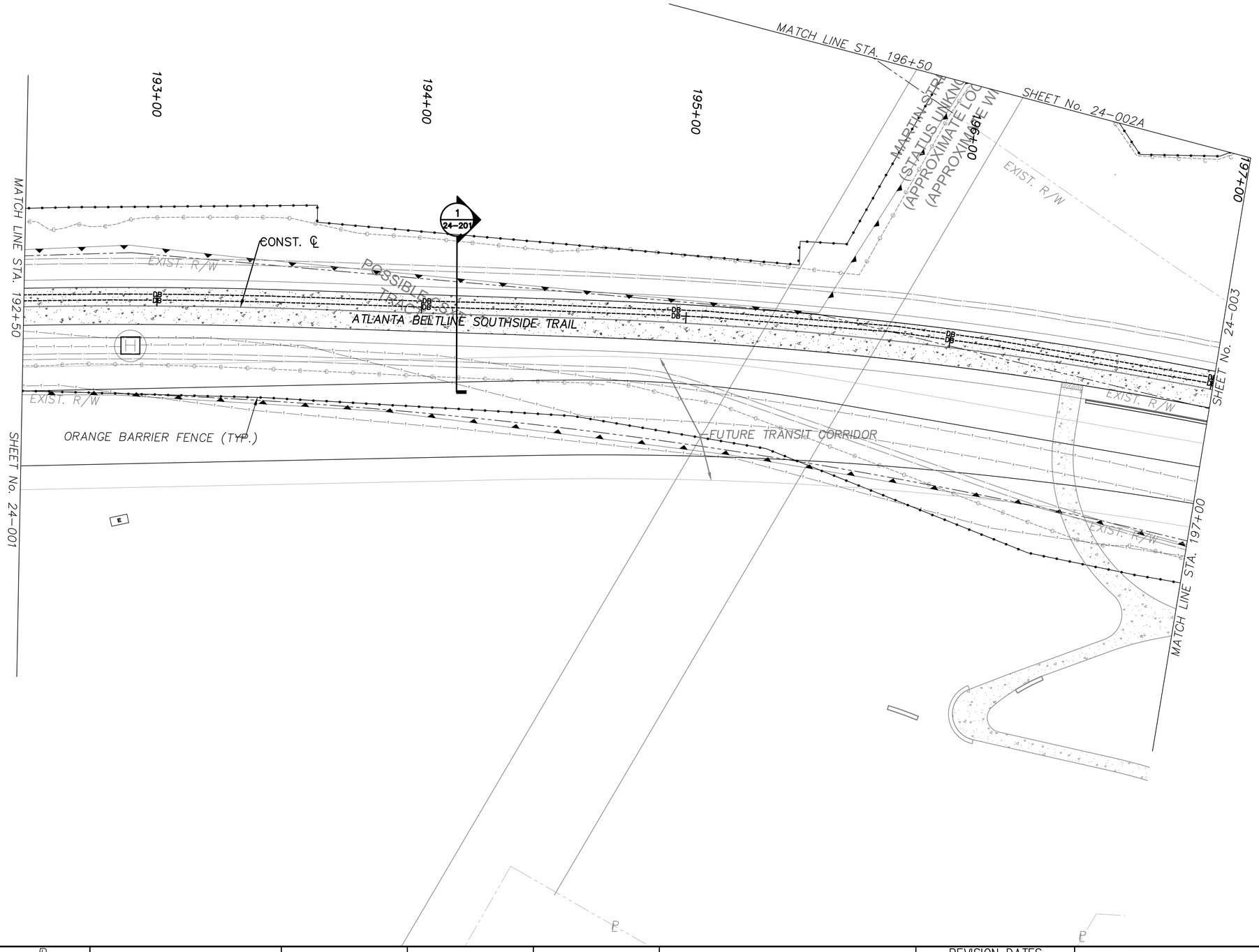
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3) UTILITY PLANS

STA. --- TO STA. 192+50

CHECKED:	R.P.	DATE:	7/15/19
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 24-001

10/23/2015



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PROPERTY AND EXISTING R/W LINE

REQUIRED R/W LINE

CONSTRUCTION LIMITS

PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES

TEMPORARY EASEMENT FOR CONST. OF SLOPES

TEMPORARY EASEMENT FOR CONST. OF DRIVES

Atlanta BeltLine

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Kimley»Horn

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SCALE IN FEET
0 20 40 80

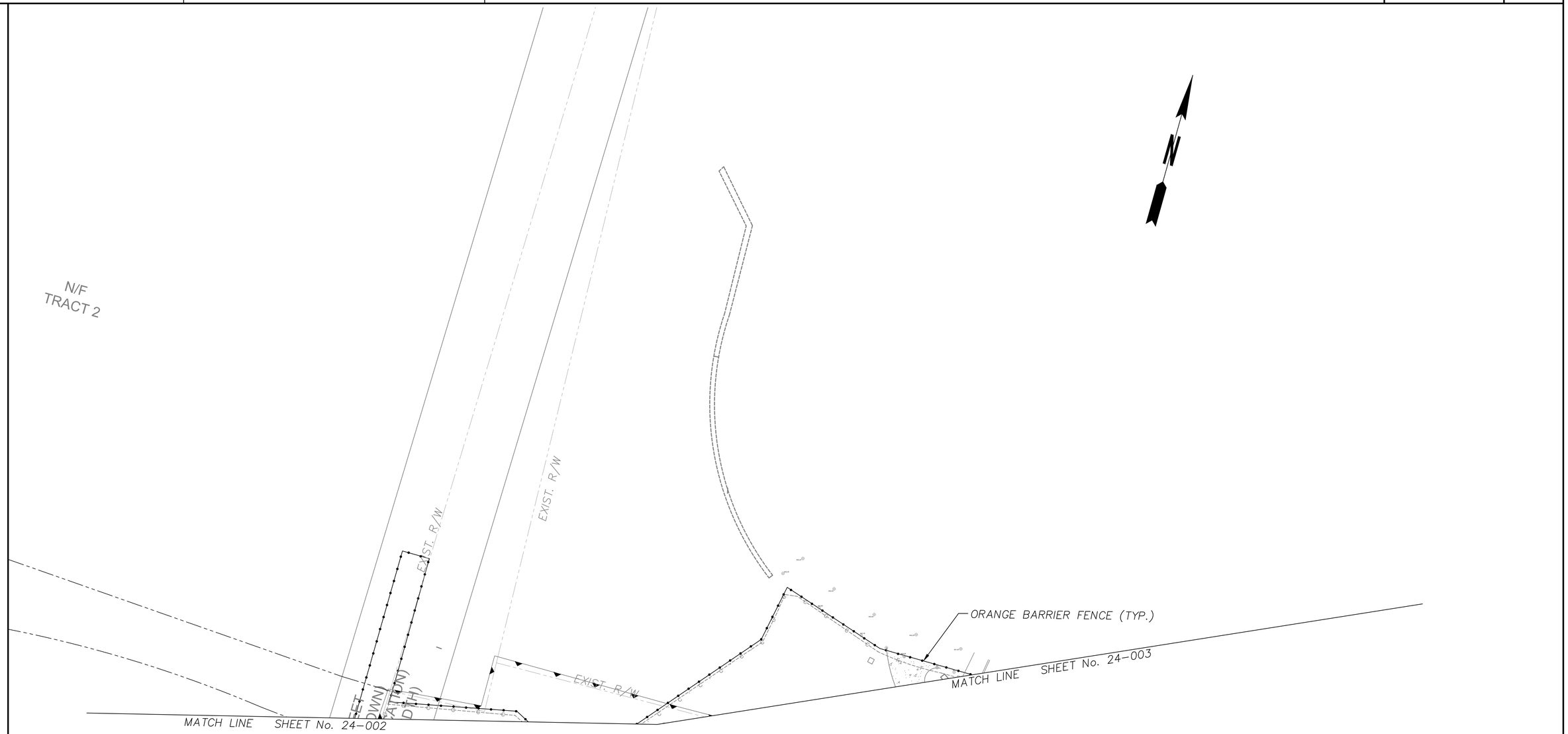
REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
UTILITY PLANS
STA. 192+50 TO STA. 197+00

CHECKED:	R.P.	DATE:	7/15/19
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 24-002

10/23/2015



SHEET NOTE:

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PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
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TEMPORARY EASEMENT FOR CONST. OF DRIVES

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1312 KILLIAN WAY
LILBURN, GEORGIA 30047
PHONE: 770-806-0143

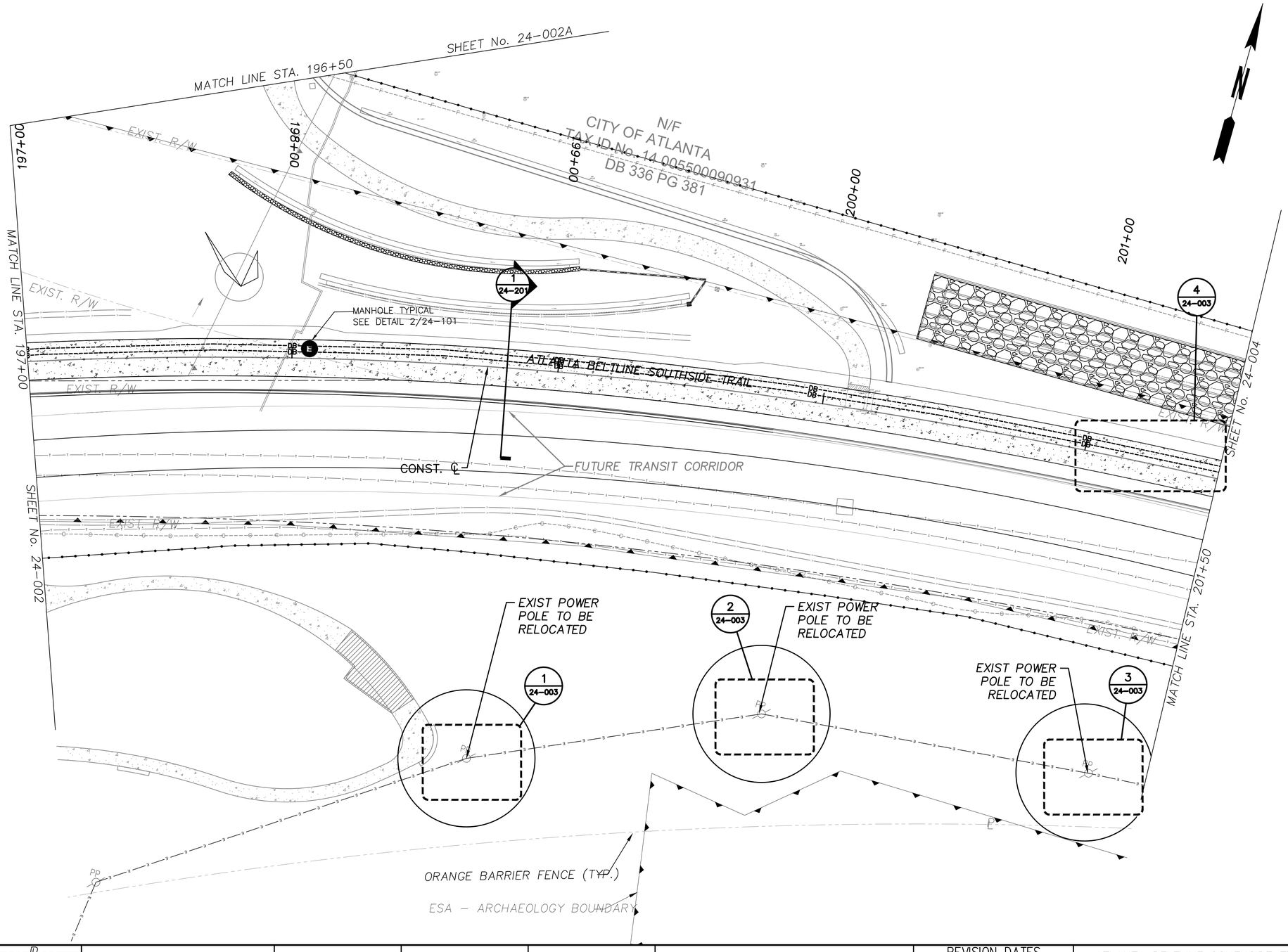
SCALE IN FEET
0 20 40 80

REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
UTILITY PLANS
STA. --- TO STA. ---

CHECKED:	R.P.	DATE: 7/15/19	DRAWING No.
BACKCHECKED:		DATE:	24-002A
CORRECTED:		DATE:	
VERIFIED:		DATE:	

10/23/2015



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PROPERTY AND EXISTING R/W LINE

REQUIRED R/W LINE

CONSTRUCTION LIMITS

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SCALE IN FEET
0 20 40 80

REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
UTILITY PLANS
STA. 197+00 TO STA. 201+50

CHECKED:	R.P.	DATE:	7/15/19
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 24-003

10/23/2015

2/22/21 6:20 PM

CITY OF ATLANTA
TAX ID No. 14 005500090568
TAX ID No. 14 005500090576
DB 50063 PG 340
PB 58 PG 142

GRANT WAY SE

N

N/F
LYNCH RESIDENTIAL LLC
TAX ID No. 14 005500090584
DB 49506 PG 495
PB 58 PG 142

N/F
COMMUNITY RESTORATION
CORPORATION
TAX ID No. 14 005500090592
DB 56086 PG 429
PB 58 PG 142

N/F
SYLVESTER XAVIER MCGILL JR
TAX ID No. 14 005500090600
DB 52252 PG 178
PB 58 PG 142

N/F
SUSAN P BRINKLEY
TAX ID No. 14 005500090618
DB 49302 PG 284
PB 58 PG 142

N/F
JOHN J HOWKINS JR
TAX ID No. 14 005500090626
DB 53447 PG 594
PB 58 PG 142

N/F
SYLVESTER XAVIER MCGILL JR
TAX ID No. 14 005500090634
DB 52252 PG 178
PB 58 PG 142

202+00 203+00 204+00 205+00 206+00

MATCH LINE STA. 201+50

SHEET No. 24-003

SHEET No. 24-005

MATCH LINE STA. 206+50

EXIST. R/W

CONST. ℄

1 / 24-004 — 2 / 24-004 — 3 / 24-004 — 1 / 24-201 — 4 / 24-004

MANHOLE TYPICAL
SEE DETAIL 2/24-101

ATLANTA BELTLINE SOUTHSIDE TRAIL

FOM

FUTURE TRANSIT CORRIDOR

ORANGE BARRIER
FENCE (TYP.)

EXIST POWER POLE TO BE
PROTECTED

ESA – ARCHAEOLOGY BOUNDARY

SHEET NOTE:

THE T(B) LINE REPRESENTS THE ASSUMED LOCATION OF THE GEORGIA DEPARTMENT OF TRANSPORTATION FIBER, BASED QL B SUE SURVEY

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
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TEMPORARY EASEMENT FOR CONST. OF DRIVES

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LILBURN, GEORGIA 30047
PHONE: 770-806-0143

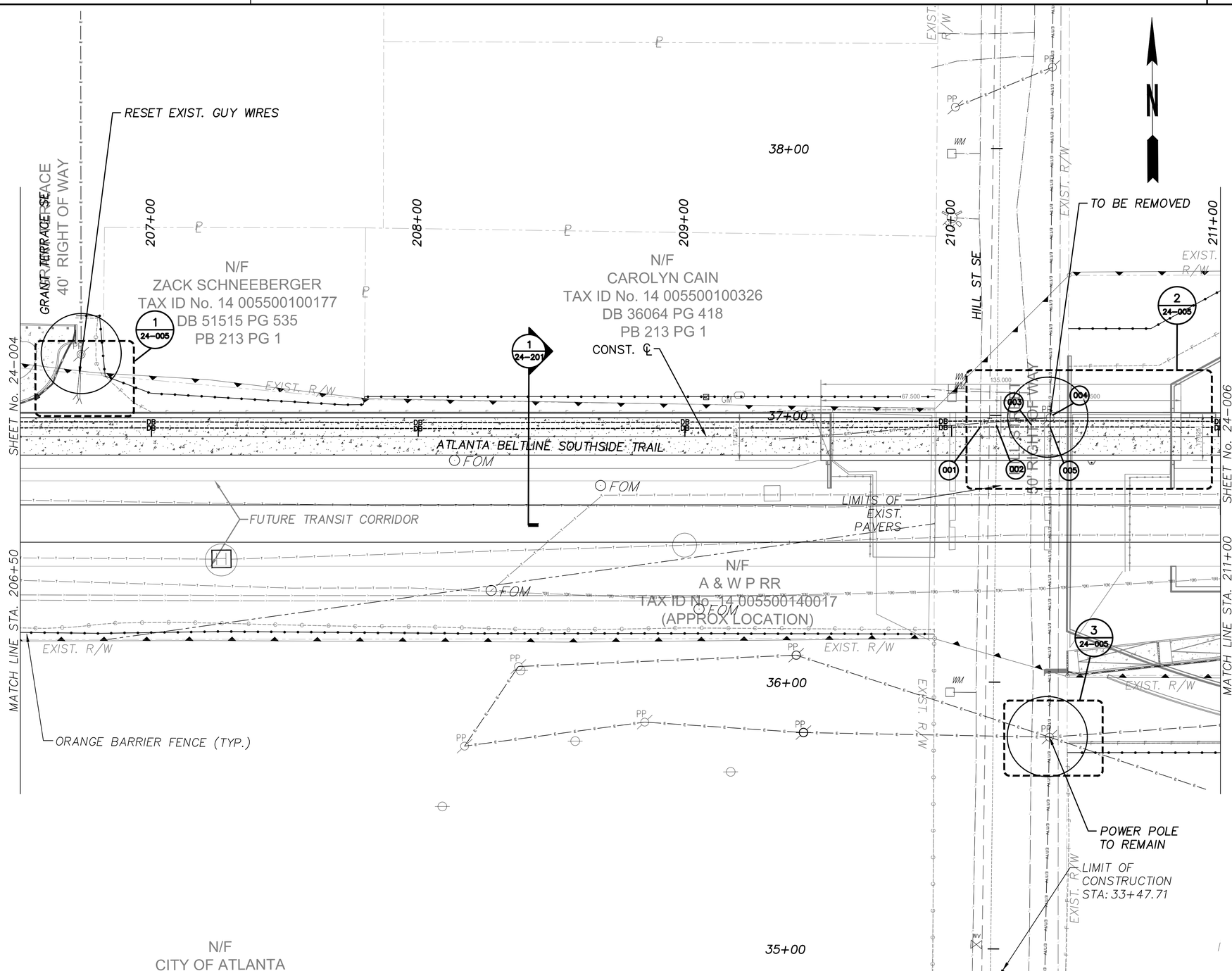
SCALE IN FEET
0 20 40 80

REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
UTILITY PLANS
STA. 201+50 TO STA. 206+50

CHECKED:	R.P.	DATE: 7/15/19	DRAWING No.
BACKCHECKED:		DATE:	24-004
CORRECTED:		DATE:	
VERIFIED:		DATE:	

10/23/2015



SHEET NOTE:

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PROPERTY AND EXISTING R/W LINE
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SCALE IN FEET
0 20 40 80

REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
UTILITY PLANS
STA. 206+50 TO STA. 211+00

CHECKED:	R.P.	DATE: 7/15/19	DRAWING No.
BACKCHECKED:		DATE:	24-005
CORRECTED:		DATE:	
VERIFIED:		DATE:	

10/23/2015

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N/F
GRANT HILL LLC
TAX ID No. 14 004200050352
TAX ID No. 14 004200050154
TAX ID No. 14 004200050147
DB 45152 PG 359

GRANT STREET
50' RIGHT

N

RESET EXIST GUY WIRES

TO BE REMOVED

TP3 RIP RAP APRON, 35 SY

4 24-006

3 24-006

211+00 212+00 213+00 214+00 215+00 216+00

EXIST. R/W

MANHOLE TYPICAL SEE DETAIL 1/24-101

1 24-201

CONST. ℄

SHEET No. 24-005

SHEET No. 24-007

ATLANTA BELTLINE SOUTHSIDE TRAIL

TP3 RIP RAP APRON, 20 SY

FOM

FUTURE TRANSIT CORRIDOR

MATCH LINE STA. 211+00

MATCH LINE STA. 216+00

2 24-006

EXIST POWER POLE TO BE RELOCATED

ADJUST EXIST SSMH TO GRADE

PP

EXIST. R/W

EXIST. R/W

END TP 2 HEADER CURB STA. 213+47.19, 84.35' RT

ORANGE BARRIER FENCE (TYP.)

1 24-006

GRANT STREET
(STATUS UNKNOWN)
(APPROXIMATE LOCATION)
(APPROXIMATE WIDTH)

N/F
CITY OF ATLANTA
TAX ID No. 14 004200070046
TAX ID No. 14 004200070020

SHEET NOTE:

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PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
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TEMPORARY EASEMENT FOR CONST. OF DRIVES

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1312 KILLIAN WAY
LILBURN, GEORGIA 30047
PHONE: 770-806-0143

SCALE IN FEET
0 20 40 80

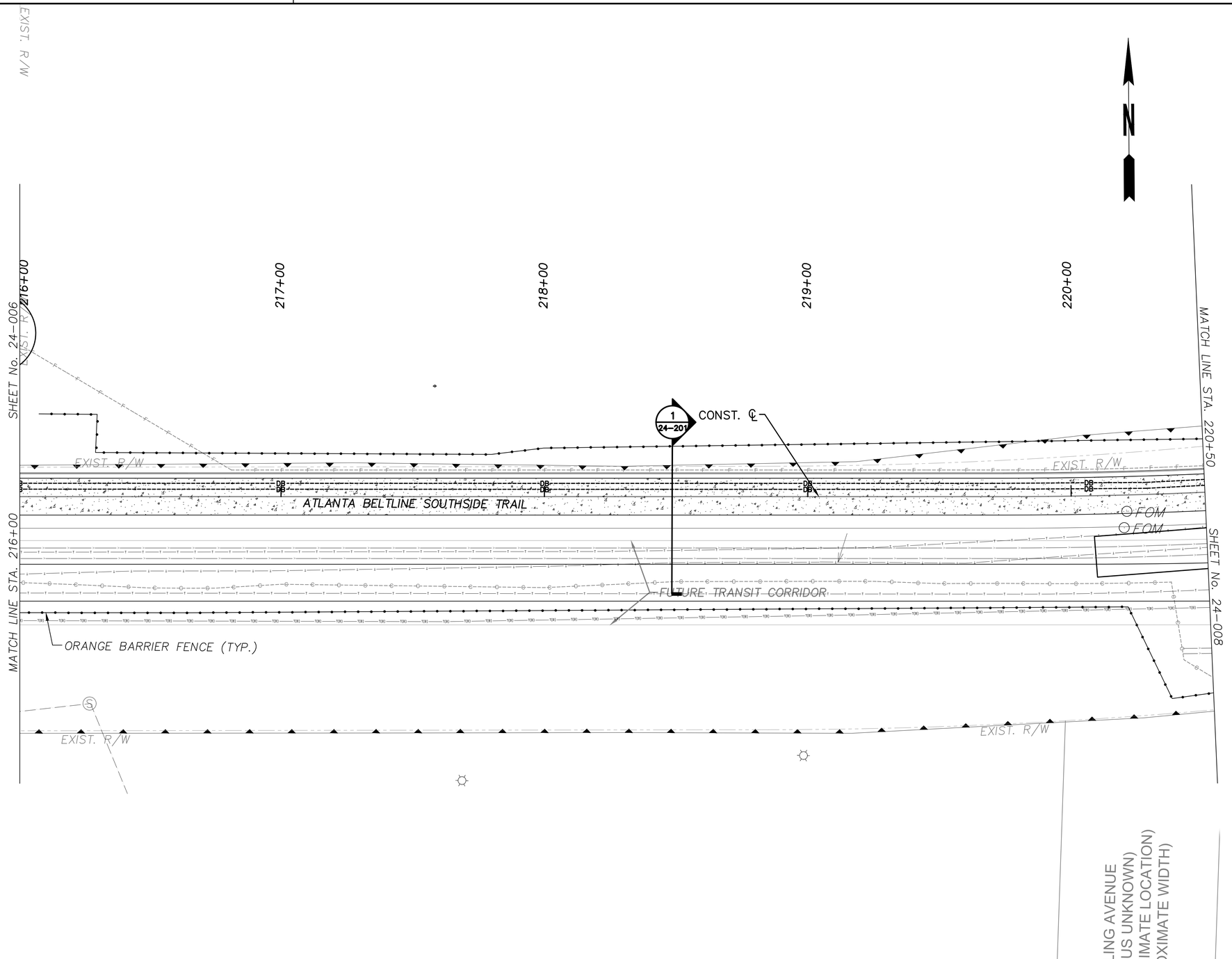
REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
UTILITY PLANS
STA. 211+00 TO STA. 216+00

CHECKED:	R.P.	DATE:	7/15/19
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 24-006

10/23/2015



SHEET NOTE:

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PROPERTY AND EXISTING R/W LINE

REQUIRED R/W LINE

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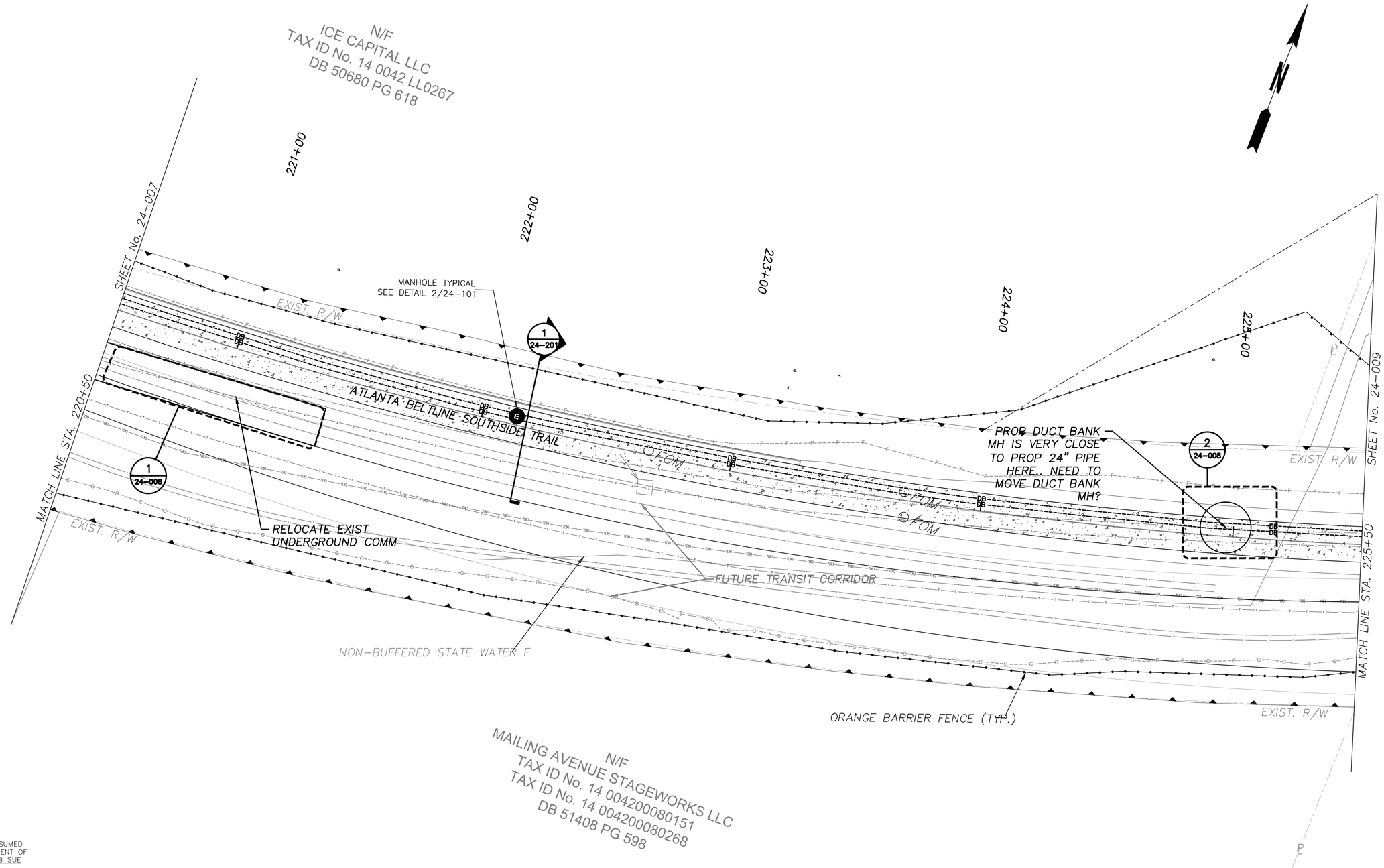
SCALE IN FEET
0 20 40 80

REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
UTILITY PLANS
STA. 216+00 TO STA. 220+50

CHECKED:	R.P.	DATE: 7/15/19	DRAWING No.
BACKCHECKED:		DATE:	24-007
CORRECTED:		DATE:	
VERIFIED:		DATE:	

10/23/2015



SHEET NOTE:

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PROPERTY AND EXISTING R/W LINE

REQUIRED R/W LINE

CONSTRUCTION LIMITS

PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES

TEMPORARY EASEMENT FOR CONST. OF SLOPES

TEMPORARY EASEMENT FOR CONST. OF DRIVES

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PHONE: 770-806-0143

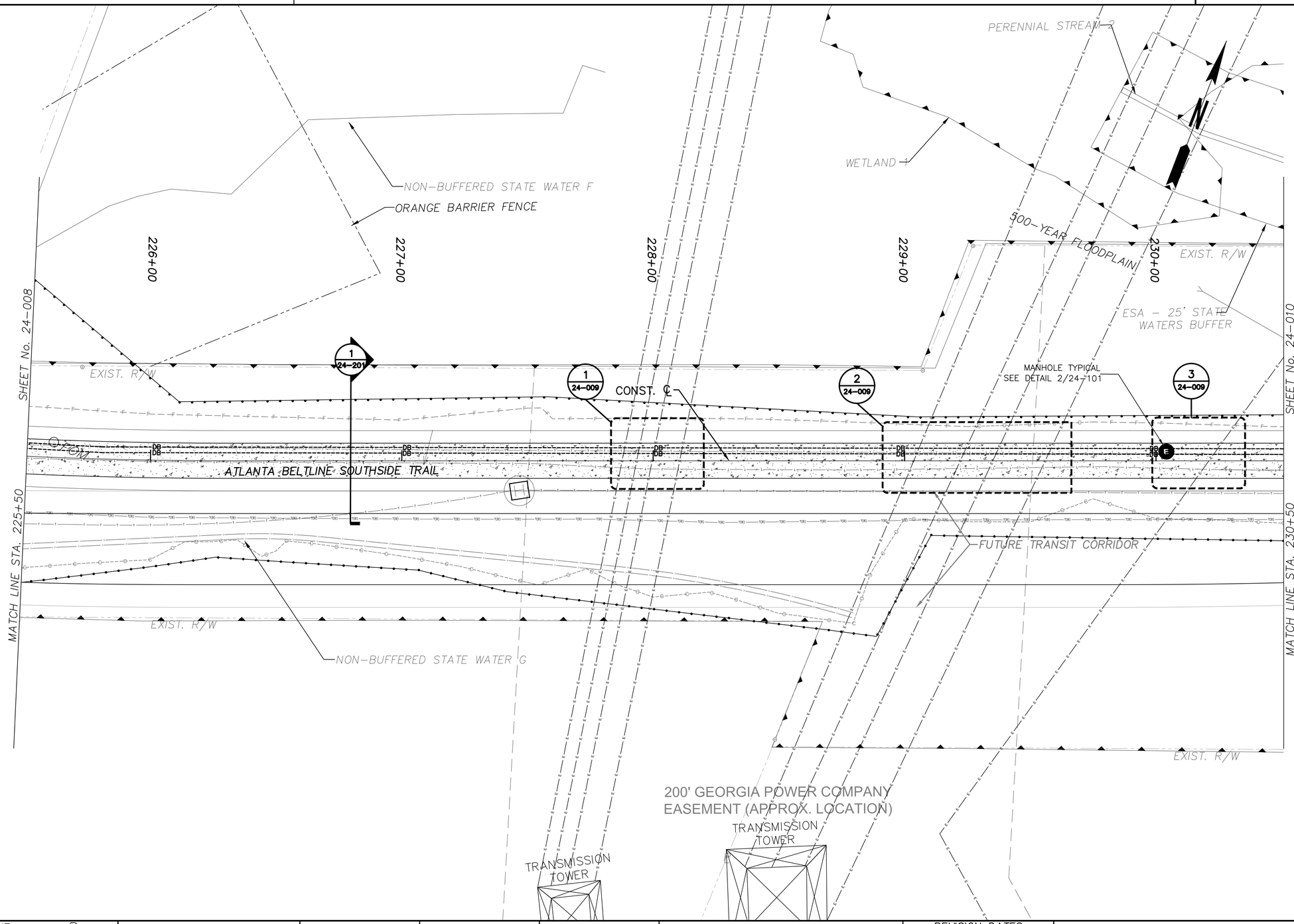
SCALE IN FEET
0 20 40 80

REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
UTILITY PLANS
STA. 220+50 TO STA. 225+50

CHECKED:	R.P.	DATE: 7/15/19	DRAWING No.
BACKCHECKED:		DATE:	24-008
CORRECTED:		DATE:	
VERIFIED:		DATE:	

10/23/2015



SHEET NOTE:

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PROPERTY AND EXISTING R/W LINE

REQUIRED R/W LINE

CONSTRUCTION LIMITS

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PHONE: 770-806-0143

SCALE IN FEET
0 20 40 80

REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
UTILITY PLANS
STA. 225+50 TO STA. 230+50

CHECKED:	R.P.	DATE: 7/15/19	DRAWING No.
BACKCHECKED:		DATE:	24-009
CORRECTED:		DATE:	
VERIFIED:		DATE:	

10/23/2015

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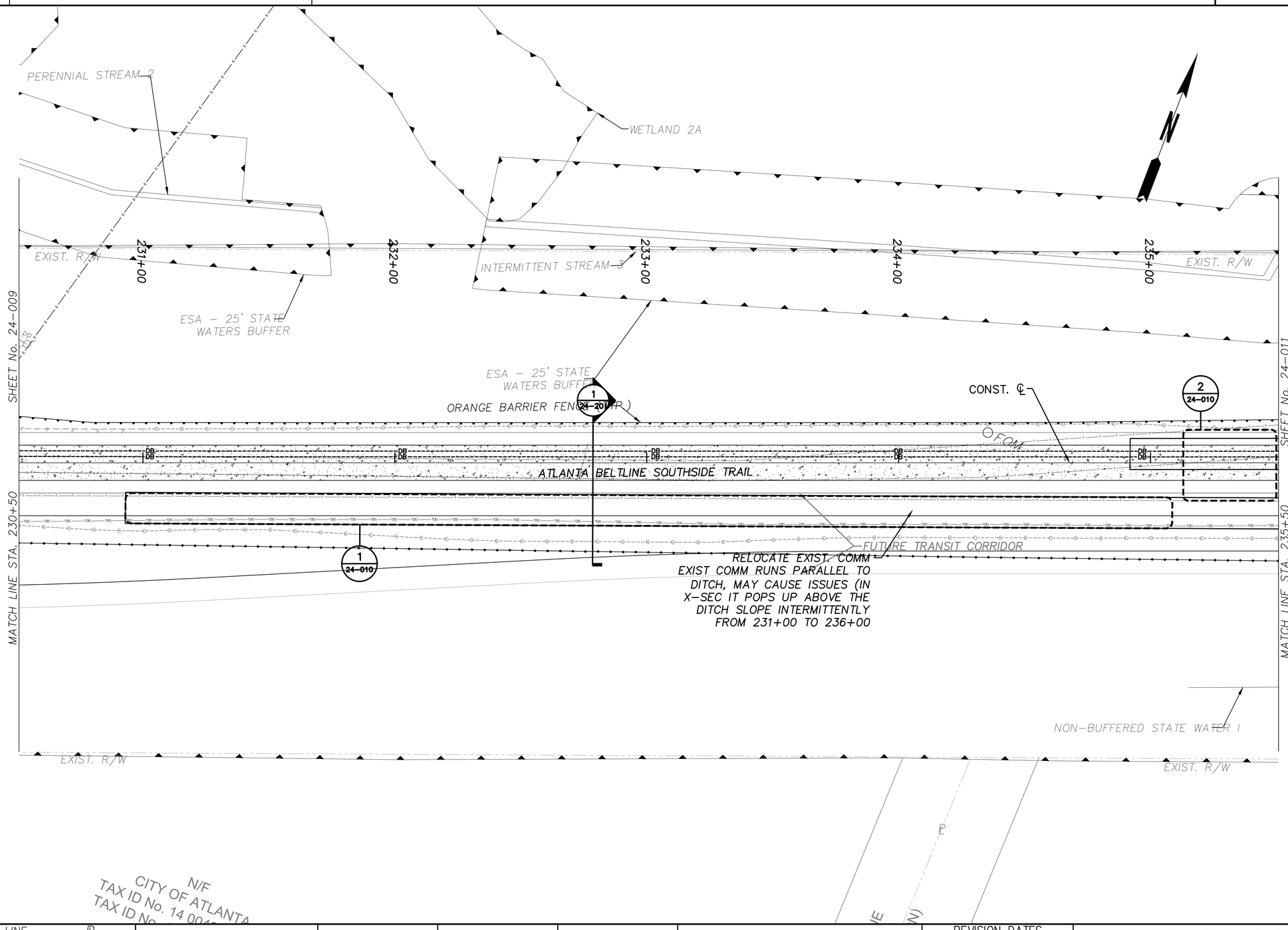

SHEET NOTE:

THE T(B) LINE REPRESENTS THE ASSUMED LOCATION OF THE GEORGIA DEPARTMENT OF TRANSPORTATION FIBER, BASED QL B SUE SURVEY

PROPERTY AND EXISTING R/W LINE	℄
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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SCALE IN FEET
0 20 40 80

REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
UTILITY PLANS
STA. 230+50 TO STA. 235+50

CHECKED:	R.P.	DATE:	7/15/19
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 24-010

10/23/2015

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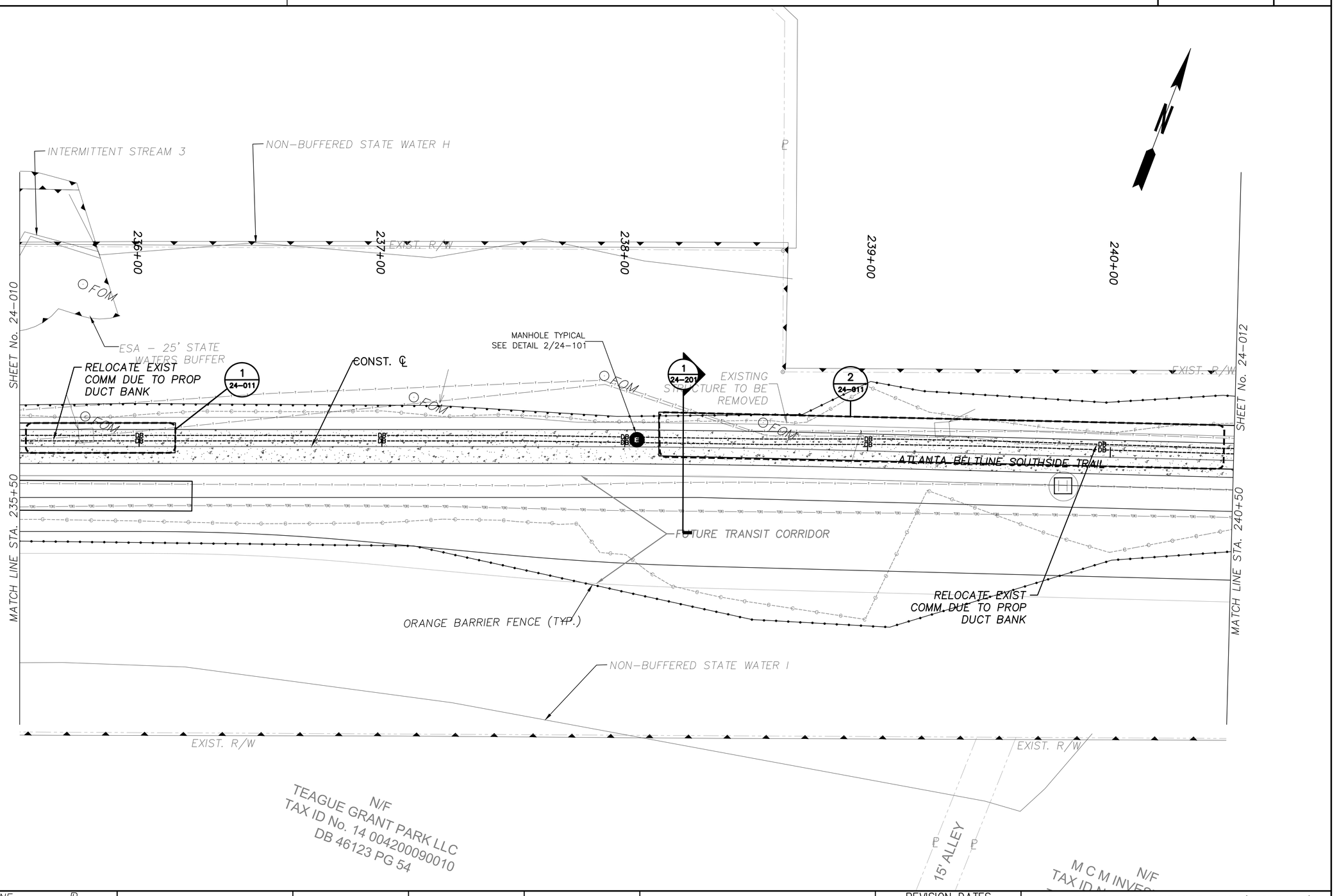

SHEET NOTE:

THE T(B) LINE REPRESENTS THE ASSUMED LOCATION OF THE GEORGIA DEPARTMENT OF TRANSPORTATION FIBER, BASED QL B SUE SURVEY

PROPERTY AND EXISTING R/W LINE ——— ℄ ———
REQUIRED R/W LINE ———————
CONSTRUCTION LIMITS — c — c — F — c —
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

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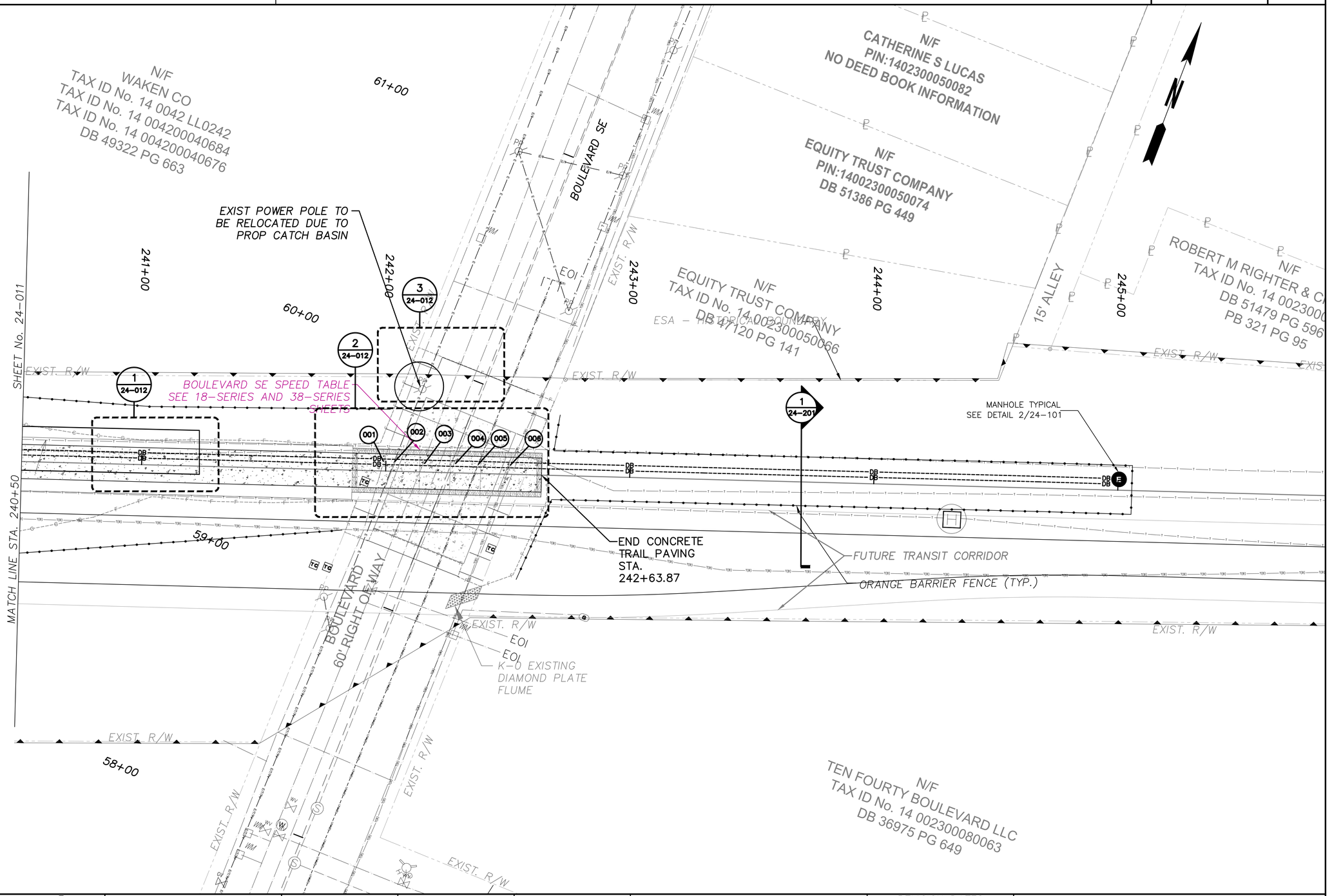
SCALE IN FEET
0 20 40 80

REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
UTILITY PLANS
STA. 235+50 TO STA. 240+50

CHECKED:	R.P.	DATE: 7/15/19	DRAWING No.
BACKCHECKED:		DATE:	24-011
CORRECTED:		DATE:	
VERIFIED:		DATE:	

10/23/2015



SHEET NOTE:

THE T(B) LINE REPRESENTS THE ASSUMED LOCATION OF THE GEORGIA DEPARTMENT OF TRANSPORTATION FIBER, BASED QL B SUE SURVEY

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

Atlanta BeltLine
ATLANTA BELTLINE, INC.
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Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
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RPA
R. POWELL & ASSOCIATES, INC.
ENGINEERING CONSULTANTS
1312 KILLIAN WAY
LILBURN, GEORGIA 30047
PHONE: 770-806-0143

SCALE IN FEET
0 20 40 80

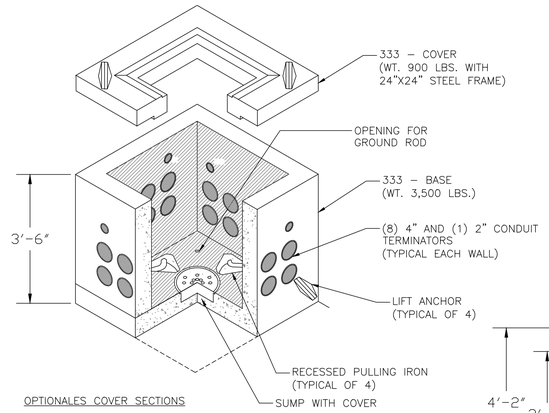
REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
UTILITY PLANS
STA. 240+50 TO STA. ---

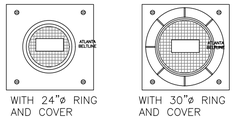
CHECKED:	R.P.	DATE: 7/15/19	DRAWING No.
BACKCHECKED:		DATE:	24-012
CORRECTED:		DATE:	
VERIFIED:		DATE:	

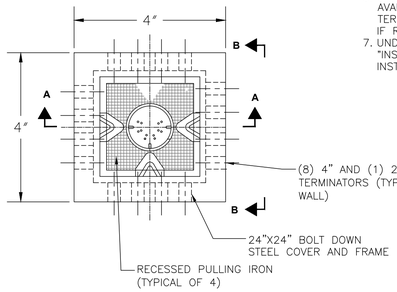
10/23/2015

NOTES:
1. CONCRETE: 28 DAYS COMPRESSIVE STRENGTH fc=5,000 psi
2. REINFORCING: ASTM A 615, GRADE 60
3. JOINT SEALANT: BUTYL RUBBER SS-S-00210
4. DESIGNED FOR MAXIMUM SOIL COVER OF 5'-0" ABOVE BOX
5. SUPPORTS AN H20 LOADING AS INDICATED BY AASH10
6. OPTIONAL MH R'QD. AND COVER AVAILABLE AS SPECIFIED BY CUSTOMER, TERM-A-DUCTS INSTEAD OF KNOCKOUTS IF REQUIRED.
7. UNDERGROUND WARNING TAPE", "INSTALLATION IS INCIDENTAL TO CONDUIT INSTALLATION.

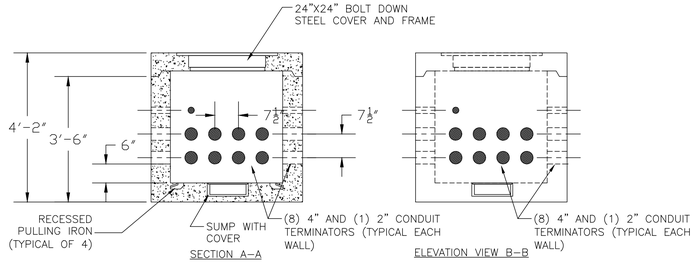


OPTIONALES COVER SECTIONS





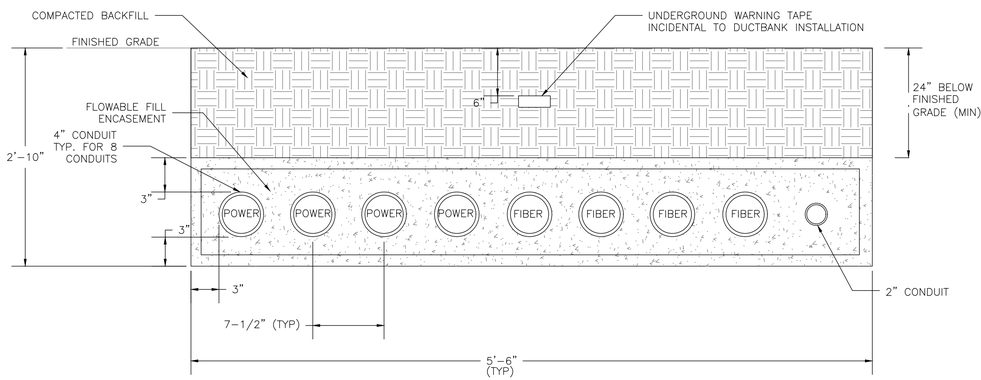
PLAN VIEW



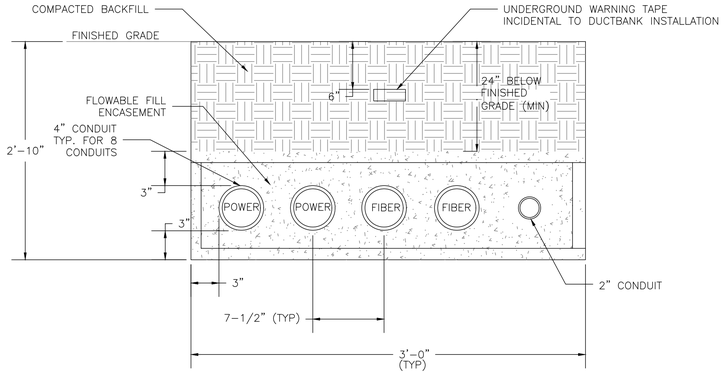
SECTION A-A

ELEVATION VIEW B-B

2 / 24-101 ELECTRICAL MANHOLE DETAIL
N.T.S.



1 / 24-101 9x1 FLOWABLE FILL ENCASED DUCTBANK
N.T.S.



3 / 24-101 4x1 FLOWABLE FILL ENCASED DUCTBANK - ALTERNATE
N.T.S.

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REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
UTILITIES DETAILS

CHECKED:	R.P.	DATE: 7/15/19	DRAWING No.
BACKCHECKED:		DATE:	24-101
CORRECTED:		DATE:	
VERIFIED:		DATE:	

MATERIAL QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNITS	QUANTITY
600-0001	FLOWABLE FILL	CY	572
682-6224	CONDUIT, NONMETAL, TP 2, 4 IN	LF	46,640
682-6222	CONDUIT, NONMETAL, TP 2, 2 IN	LF	5,830
681-9021	ELECTRICAL MANHOLE (SEE DETAIL DWG #24-101)	EA	8

MATERIAL QUANTITIES - ALTRNATE

ITEM NO.	ITEM DESCRIPTION	UNITS	QUANTITY
600-0001	FLOWABLE FILL	CY	382
682-6224	CONDUIT, NONMETAL, TP 2, 4 IN	LF	23,320
682-6222	CONDUIT, NONMETAL, TP 2, 2 IN	LF	5,830
681-9021	ELECTRICAL MANHOLE (SEE DETAIL DWG #24-101)	EA	8

Plan Sheet #	View #	ID Tag	Detail Sheet #	Description	Utility / Comments
24-001	1			Communica tion Line Relocate	
	2				
	3	1		Communication Line Conflict	
		2		Power Pole Relocate	
	4	1		SS Line Conflict	
		2		Water Line Conflict	
		3		Water Line Conflict	
		4		Gas Line Conflict	
		5		Power Pole To Remain	
	5			Adjust MH To Gade	
	6			Power Pole To Remain	
24-003	1			Power Pole Relocate	
	2			Power Pole Relocate	
	3			Power Pole Relocate	
	4			Drain Line Conflict	
24-004	1			Drain Line Conflict	
	2			Drain Line Conflict	
	3			Drain Line Conflict	
	4			Power Pole To Be Protected	
24-005	1			Reset Guy Wires	
	2	1		Water Line Conflict	
		2		SS Line Conflict	
		3		Gas Line Conflict	
		4		Power Pole To Be Removed	
		5		Power Line Conflict with Ductbank	
	3			Power Pole To Remain	
24-006	1			Adjust MH To Gade	
	2			Power Pole Relocate	
	3				
	4			Reset Guy Wires	
24-008	1			Communica tion Line Relocate	
	2			MH Conflict	
24-009	1			OH Transmission Lines	
	2			OH Transmission Lines	
	3			Communication Line Conflict	
24-010	1			Communica tion Line Relocate	
	2			Drain Line Conflict	
24-011	1			Communica tion Line Relocate	
	2			Communica tion Line Relocate	
24-012	1			Communication Line Conflict	
	2	1		Gas Line Conflict	
		2		Power Line Conflict with Ductbank	
		3		Water Line Conflict	
		4		SS Line Conflict	
		5		UNK (B)	
		6		Communication Line Conflict	
	3			Power Pole Relocate	

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REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
UTILITIES SCHEDULES

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VERIFIED:		DATE:	

DRAWING No. 24-201

ELECTRICAL LEGEND

#4 G — GROUNDING SYSTEM. ELECTRODE AND CONDUCTOR (COUNTERPOISE) (BARE COPPER) SIZE AS INDICATED

CAPPED CONDUIT

PC — LIGHTING PHOTOCELL

OC — INTEGRATED OCCUPANCY SENSOR

3P, 20 A — MOLDED CASE CIRCUIT BREAKER, FIXED TRIP. THREE POLE UNLESS DESIGNATED '1P' OR '2P'.

FUSE-POWER AND CONTROL APPLICATIONS RESPECTIVELY, SIZE AS INDICATED

50A 9KV — SURGE ARRESTOR - VOLTAGE RATING AND CLASS AS INDICATED

SS — GROUND CONNECTION - TO STANDARD ROD TYPE ELECTRODE, TO NEAREST STRUCTURAL STEEL (#6 MIN. CONDUCTOR IF NOT SHOWN)

KWH — KILOWATT-HOUR METER (WH IS WATT-HOUR METER)

POWER & DISTRIBUTION TRANSFORMER, RATED kVA, VOLTAGE, CONNECTIONS, COOLING CLASS AND TYPE AS INDICATED.

AS A VS V — AMMETER AND VOLTMETER WITH PHASE SELECTOR SWITCH

GFI #2 400 AT 0.3 s — GROUND FAULT INTERRUPTING EQUIPMENT (SEE SPECS) WITH TRIP SETTING AT DESIGNATED TIME DELAY INTERLOCKING CONTROL AS INDICATED

DISCONNECT SWITCH, SIZE AND TYPE AS INDICATED (OR 3P, 240V, 30A MIN)

LP-2,4,6 — BRANCH CIRCUIT AND FEEDER WIRING. LONG, SHORT, SINGLE DOT AND DOUBLE DOT HASH MARKS REPRESENT PHASE CONDUCTOR, NEUTRAL, EQUIPMENT GROUND, AND ISOLATED EQUIPMENT GROUND RESPECTIVELY (AS APPLICABLE).

ARROWS AND LETTER/NUMERALS IDENTIFY HOME-RUN CIRCUITS. IF HASH MARKS ARE OMITTED BETWEEN HOME-RUNS, TRANSITION SEGMENTS, AND END-OF-LINE DEVICES, REQUIRED QUANTITY IS UNDERSTOOD TO APPLY TO ALL UNMARKED INTERVENING SEGMENTS.

LIGHT LINE - EXISTING, OR BY OTHER TRADES

HEAVY LINE - NEW ELECTRICAL WORK

UNDERGROUND OR CONCEALED CONDUIT

FA-100 — 1 — STA. 100+46.68 OFFSET 11'-4.5" L — POLE LIGHTING FIXTURE, 14'-0" TALL
FA-100 = FA (FIXTURE TYPE), 100 (FIXTURE NUMBER)
STA. 100+46.68 = STATION NUMBER
OFFSET 11'-4.5" L = OFFSET FROM CENTER LINE OF TRAIL LEFT SIDE
1 = CIRCUIT NUMBER

AFC-100 — 1 — STA. 100+46.68 OFFSET 11'-4.5" L — POLE MOUNTED PEDESTRIAN LIGHT

FE — WALL MOUNTED FIXTURE

HANDRAIL LIGHTING FIXTURE

FG-100 — 1 — STA. 100+46.68 OFFSET 11'-4.5" L — CEILING MOUNTED AREA LIGHT

PSC — POWER SERVICE CABINET

MTR — POWER SERVICE METER PEDESTAL

SC — SECURITY CAMERA

SCF — SECURITY CAMERA - FULL 360° VIEW

E — UTILITY UNDERGROUND ELECTRIC

E — UTILITY OVERHEAD ELECTRIC

H — PROPOSED HANDHOLE

E — PROPOSED MANHOLE

E — PROPOSED ELECTRIC BOX

V — PROPOSED ELECTRIC VAULT BOX SIMILAR TO OR EQUAL Q-VAULT, INC. MODEL NO. QSET-ELED-200/0-10

MDF — MDF CABINET (CABINET FOR FIBER TERMINATIONS)

ELECTRICAL NOTES

1. NO CONDUIT MAY BE RUN OUTSIDE THE RIGHT OF WAY BOUNDARY OR ON PRIVATE PROPERTY. ROUTE ALL CONDUITS BETWEEN EACH POLE FIXTURE TO THE SERVICE IN THE MOST DIRECT ROUTE POSSIBLE. RUN CONDUITS IN THE GRASS AREA WHEN AVAILABLE. NO CONDUITS ARE TO BE RUN ON PRIVATE PROPERTY.
2. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO ANY DIGGING. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST.
3. ALL UNDERGROUND CONDUIT SHALL BE PVC SCHEDULE 40. CONDUIT INSTALLED UNDERNEATH ROADWAYS AND DRIVES SHALL BE RGS. ALL CONDUIT WHICH IS RUN UNDER A ROADWAY SHALL BE INSTALLED PRIOR TO ANY NEW PAVING. NO NEW PAVING SHALL BE CUT TO INSTALL ELECTRICAL LINES.
4. RIGID CONDUIT INSTALLED ON STRUCTURES SHALL BE SUPPORTED AT LEAST EVERY TEN FEET AND WITHIN THREE FEET OF J-BOXES, LUMINARIES, ETC.
5. EXPOSED CONDUIT SHALL BE RGS UNLESS OTHERWISE NOTED.
6. CONDUIT ACCESSORIES SUCH AS EXPANSION JOINTS, PULLBOXES, CONDULETS, ELBOWS, ETC. SHALL BE INCLUDED IN THE PRICE BID FOR CONDUIT.
7. THE CONTRACTOR SHALL INSTALL A NYLON PULL CORD OR GALVANIZED PULL WIRE IN EACH EMPTY CONDUIT. THE COST OF THIS ITEM WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF THE CONDUIT.
8. ALL FUSES AND FUSE HOLDERS SHALL BE IN-LINE TYPE AND WATERPROOF.
9. ALL ELECTRICAL MATERIALS, SUCH AS CONDUIT, CABLES, WIRE, AND J-BOXES, SHALL BE UL LISTED AND MEET THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND THE AMERICAN NATIONAL STANDARDS INSTITUTE. ELECTRICAL CONDUITS, WIRES, CIRCUIT BREAKERS, FUSES, GROUND RODS AND GROUND CONDUCTORS SHALL MEET GDOT'S STANDARD SPECIFICATIONS AND SHALL BE IN ACCORDANCE WITH GDOT'S QUALIFIED PRODUCTS LIST (QPL).

DRAWING NUMBERING CONVENTION

25-000 SERIES - PLAN SHEETS
25-100 SERIES - PLAN SHEETS - UNIVERSITY AVE
25-200 SERIES - DETAIL AND SCHEDULE SHEETS
25-300 SERIES - WIRING DIAGRAM SHEETS

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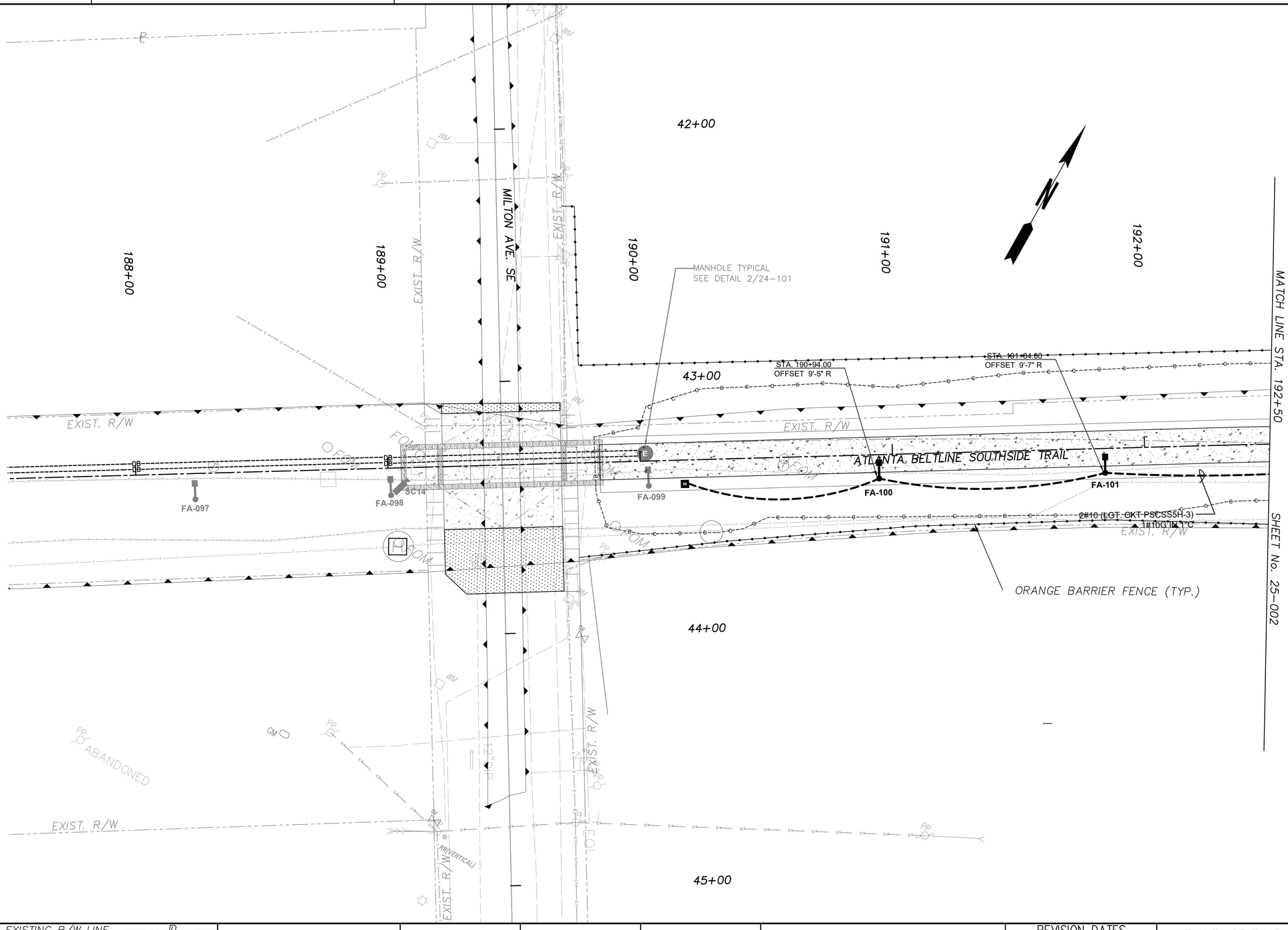
REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
LIGHTING GENERAL NOTES AND LEGENDS

CHECKED:	R.P.	DATE: 7/15/19	DRAWING No.
BACKCHECKED:		DATE:	25-000
CORRECTED:		DATE:	
VERIFIED:		DATE:	



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

10/23/2015 GPLS

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SCALE IN FEET
0 20 40 80

REVISION DATES

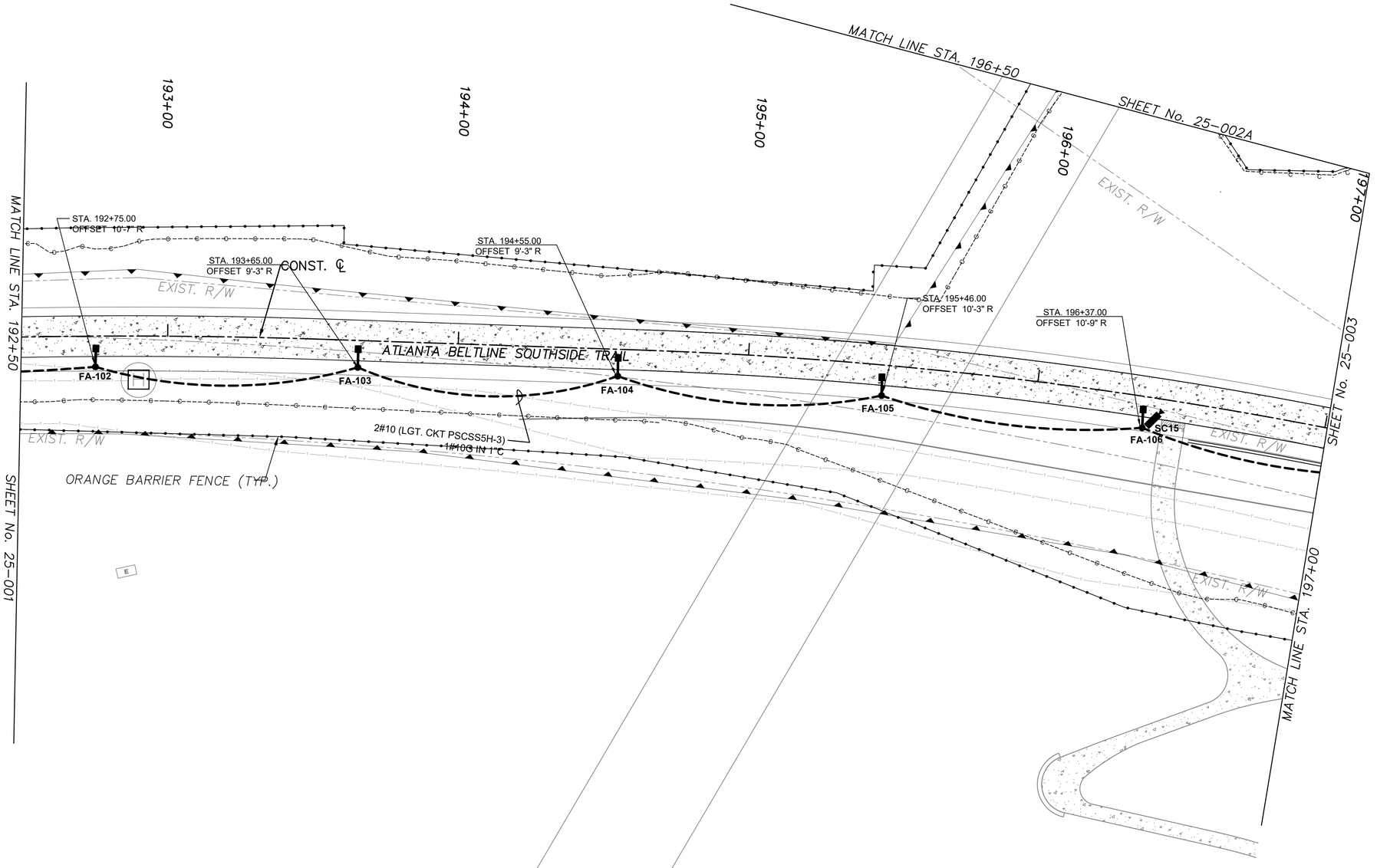
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

LIGHTING PLANS

STA. 190+00 TO STA. 192+50

CHECKED:	R.P.	DATE:	4/24/20
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 25-001



PROPERTY AND EXISTING R/W LINE

REQUIRED R/W LINE

CONSTRUCTION LIMITS

PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES

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TEMPORARY EASEMENT FOR CONST. OF DRIVES

ATLANTA BELTLINE, INC.
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SCALE IN FEET
0 20 40 80

REVISION DATES

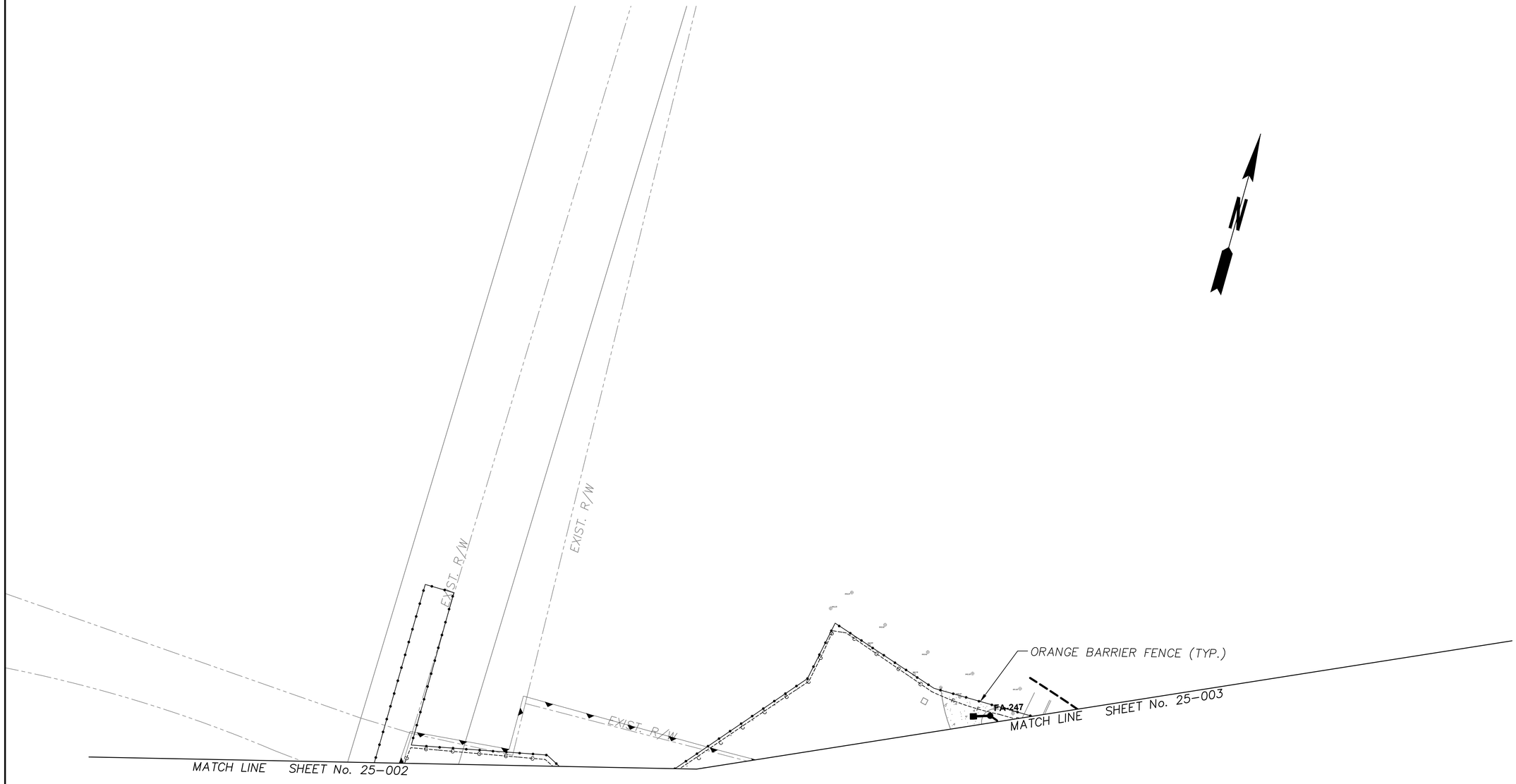
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

LIGHTING PLANS

STA. 192+50 TO STA. 197+00

CHECKED:	R.P.	DATE: 4/24/20	DRAWING No.
BACKCHECKED:		DATE:	25-002
CORRECTED:		DATE:	
VERIFIED:		DATE:	

10/23/2015 GPLN



PROPERTY AND EXISTING R/W LINE

REQUIRED R/W LINE

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SCALE IN FEET
0 20 40 80

REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

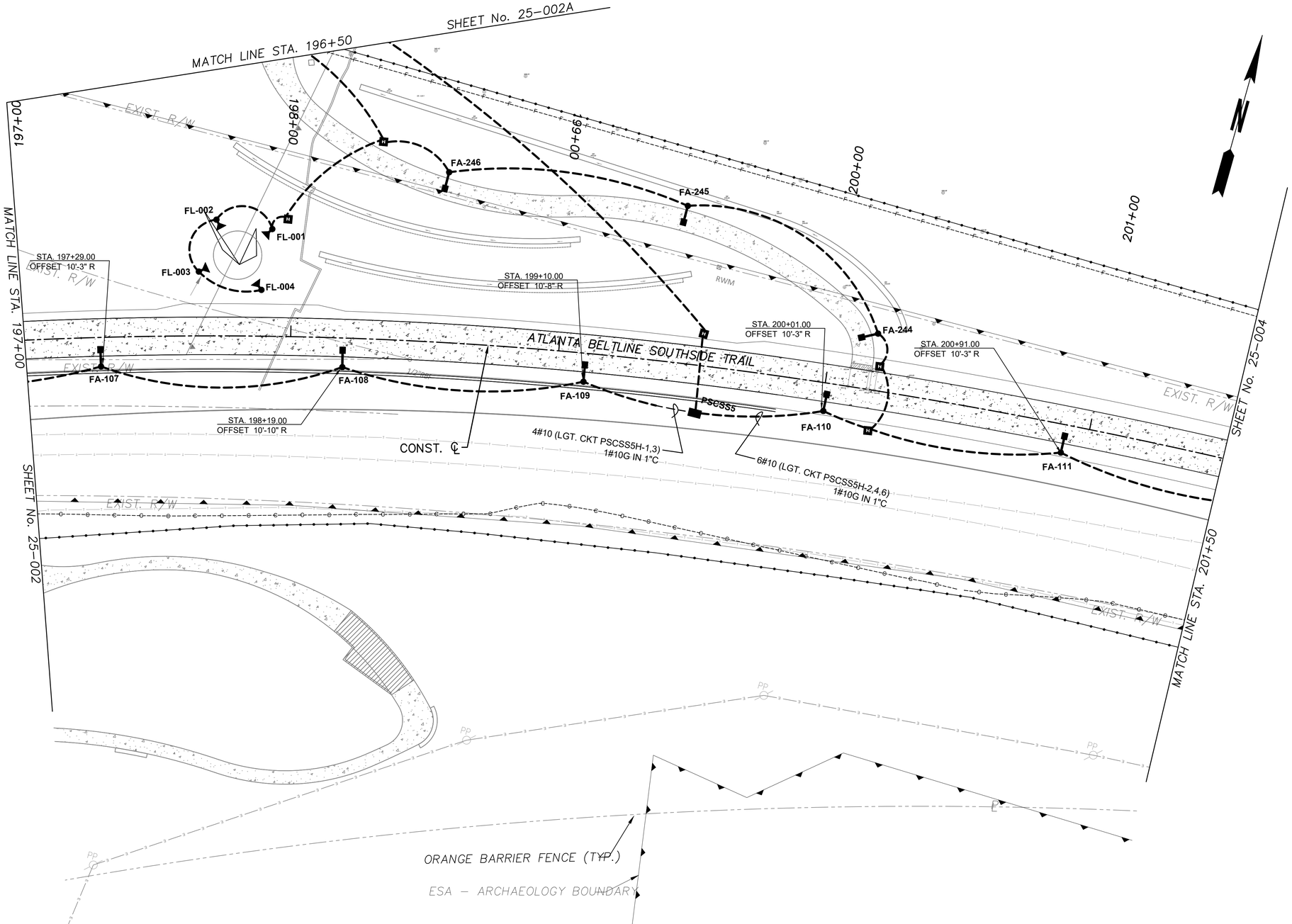
LIGHTING PLANS

STA. TO STA.

CHECKED:	R.P.	DATE:	4/24/20
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 25-002A

10/23/2015 GPLN_25002A



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
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SCALE IN FEET
0 20 40 80

REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

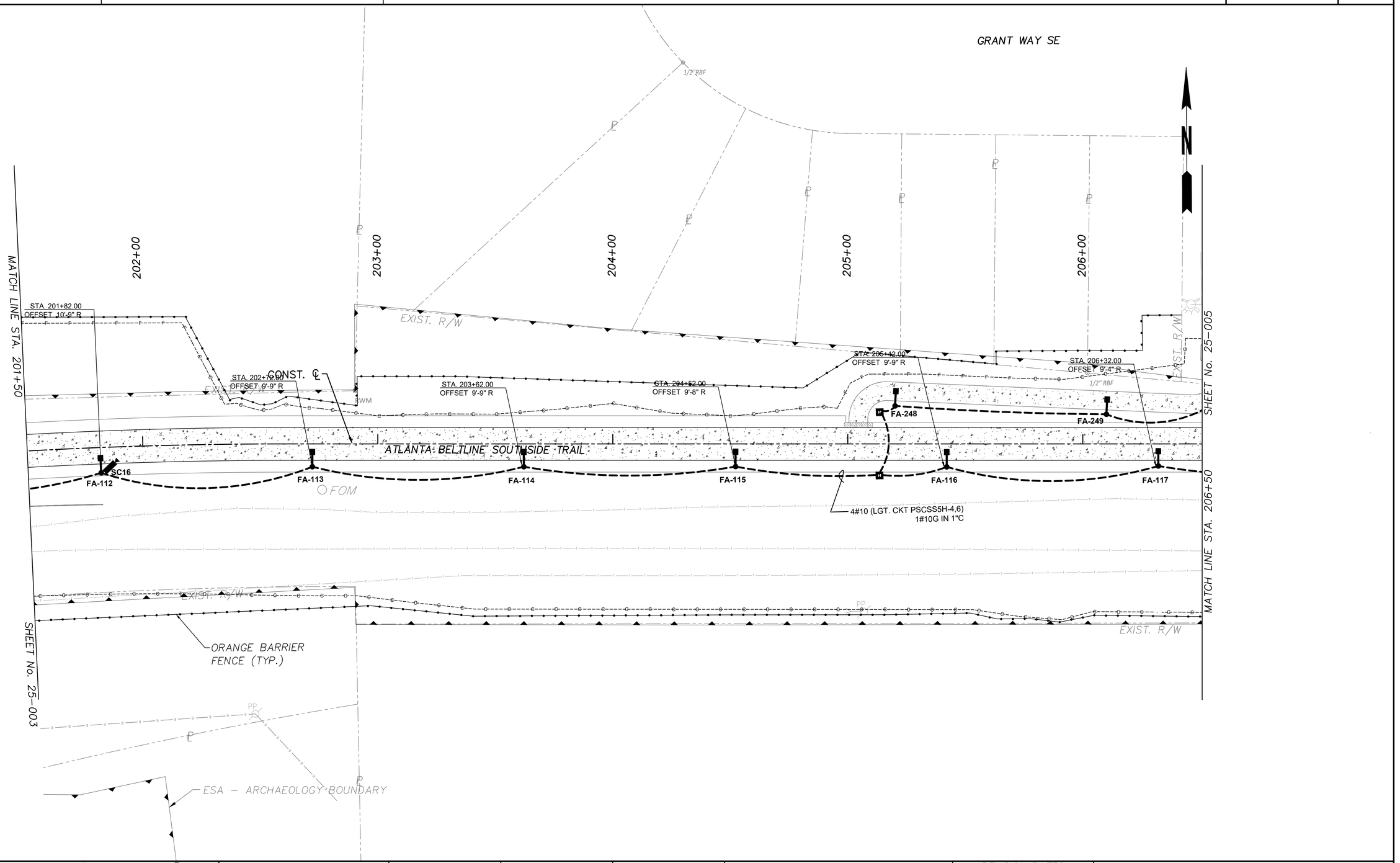
LIGHTING PLANS

STA. 197+00 TO STA. 201+50

CHECKED:	R.P.	DATE:	4/24/20
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 25-003

10/23/2015 GPLN: 427055 427054 427053 427052 427051



PROPERTY AND EXISTING R/W LINE

REQUIRED R/W LINE

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PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES

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SCALE IN FEET
0 20 40 80

REVISION DATES

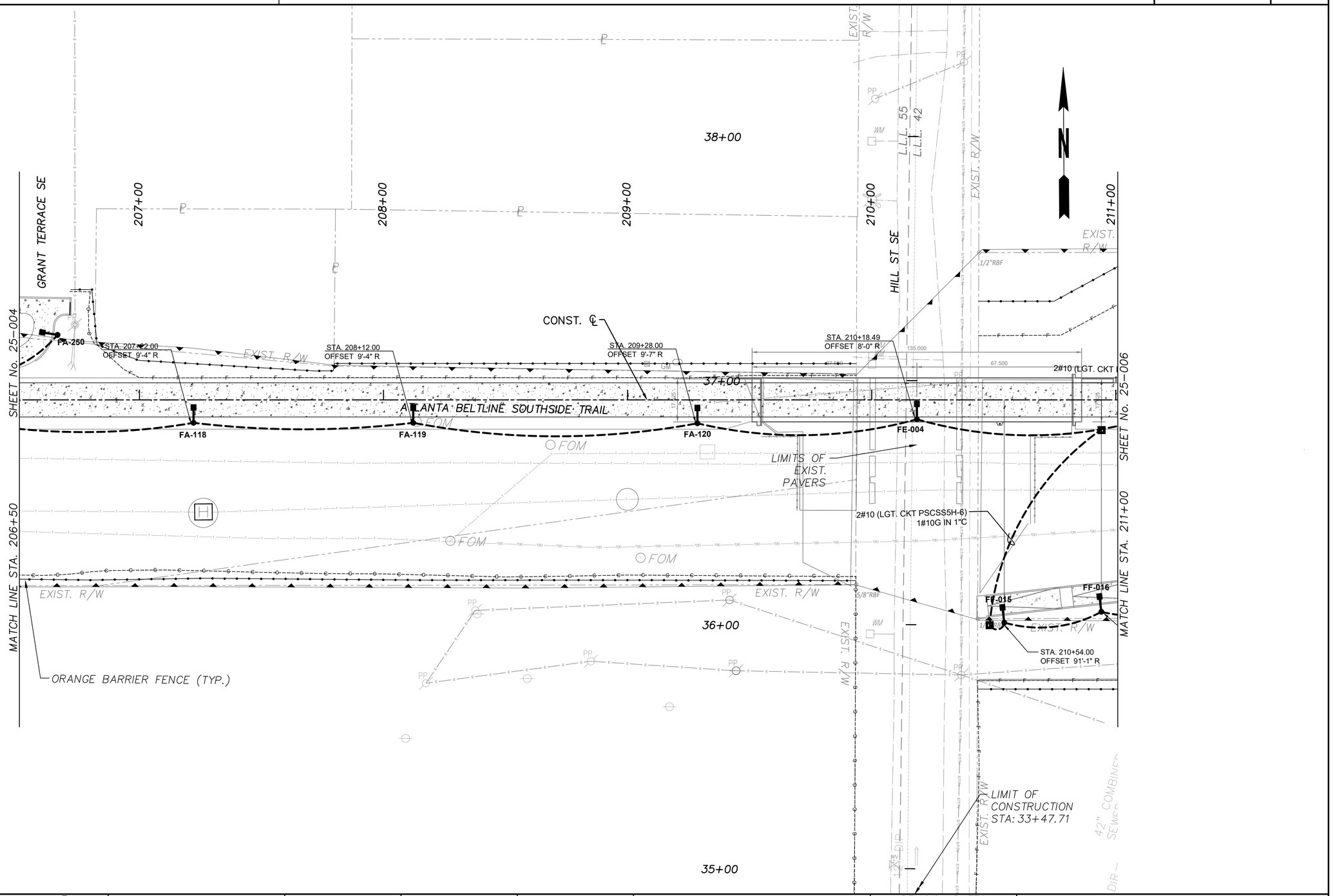
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

LIGHTING PLANS

STA. 201+50 TO STA. 206+50

CHECKED:	R.P.	DATE: 4/24/20	DRAWING No.
BACKCHECKED:		DATE:	25-004
CORRECTED:		DATE:	
VERIFIED:		DATE:	

10/23/2015 GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

10/23/2015 GPLN 25005 25005S1 25005S2 25005S3 25005S4 25005S5

ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
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TEL: (404) 477-3003
FAX: (404) 477-3606

KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
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TEL: (404) 419-8700

R. POWELL & ASSOCIATES, INC.
ENGINEERING CONSULTANTS
1312 KILLIAN WAY
LILBURN, GEORGIA 30047
PHONE: 770-806-0143

SCALE IN FEET
0 20 40 80

REVISION DATES

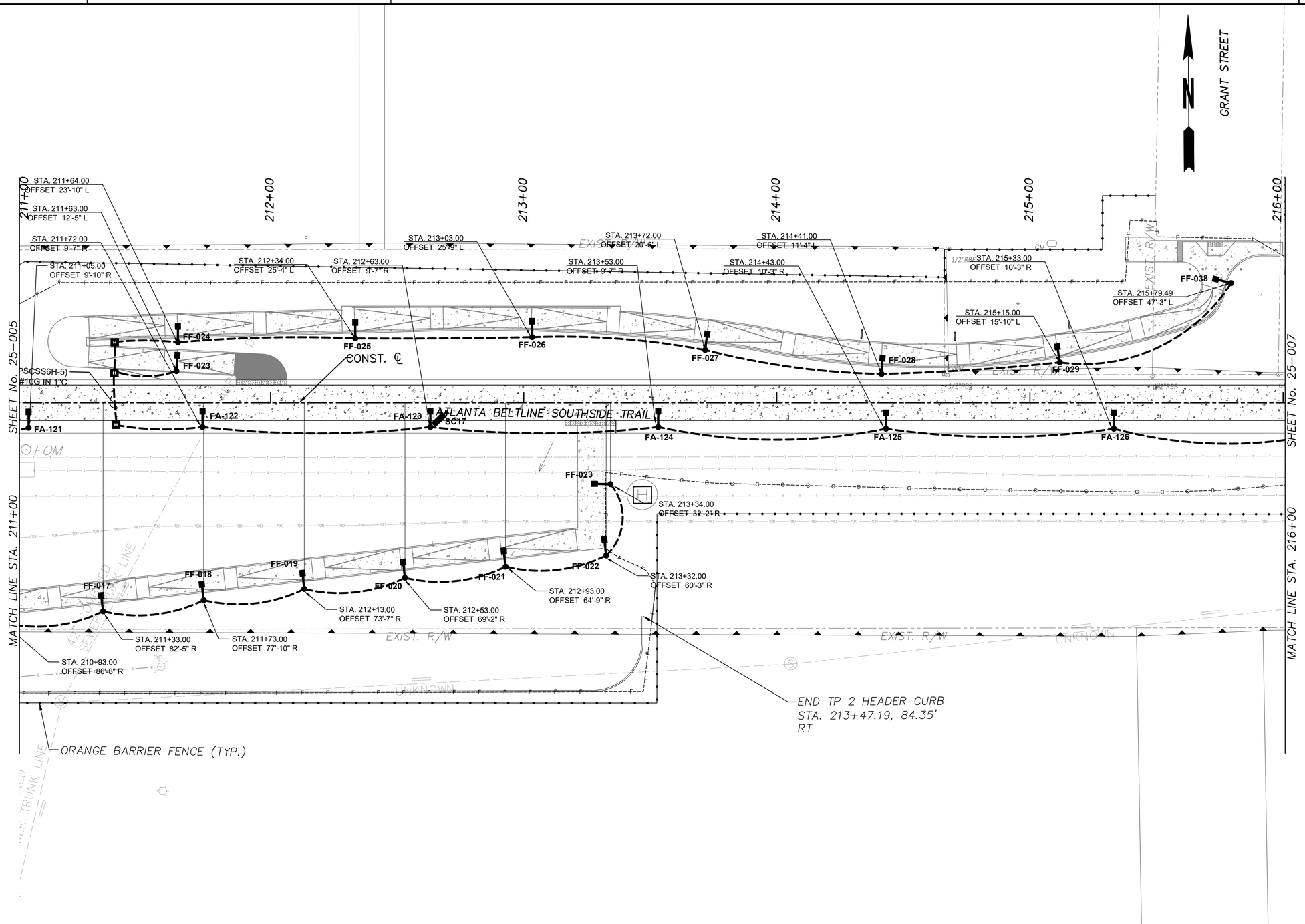
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

LIGHTING PLANS

STA. 206+50 TO STA. 211+00

CHECKED:	R.P.	DATE:	4/24/20
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 25-005



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

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SCALE IN FEET
0 20 40 80

REVISION DATES

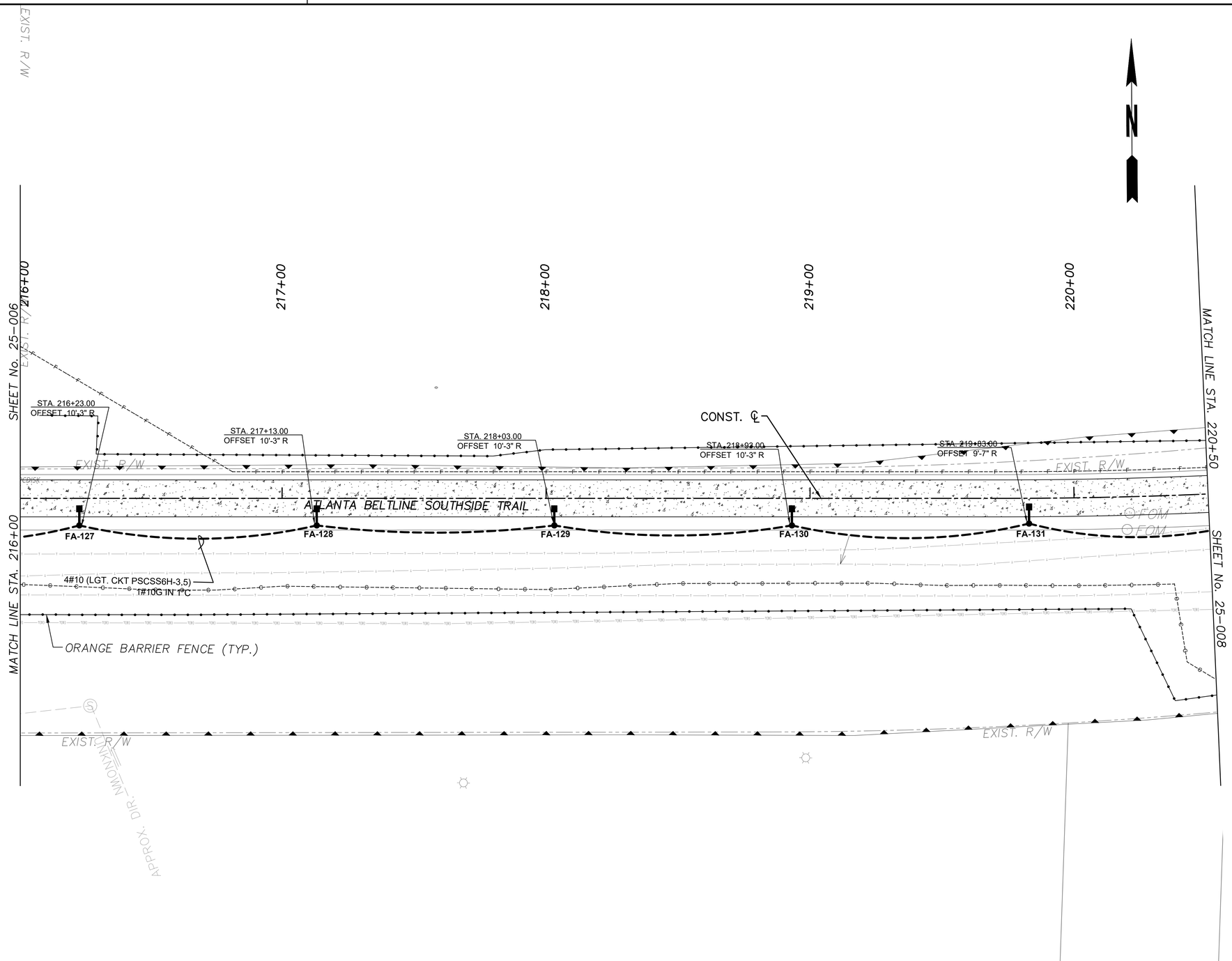
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

LIGHTING PLANS

STA. 211+00 TO STA. 216+00

CHECKED:	R.P.	DATE:	4/24/20
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 25-006



PROPERTY AND EXISTING R/W LINE

REQUIRED R/W LINE

CONSTRUCTION LIMITS

PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES

TEMPORARY EASEMENT FOR CONST. OF SLOPES

TEMPORARY EASEMENT FOR CONST. OF DRIVES

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SCALE IN FEET
0 20 40 80

REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

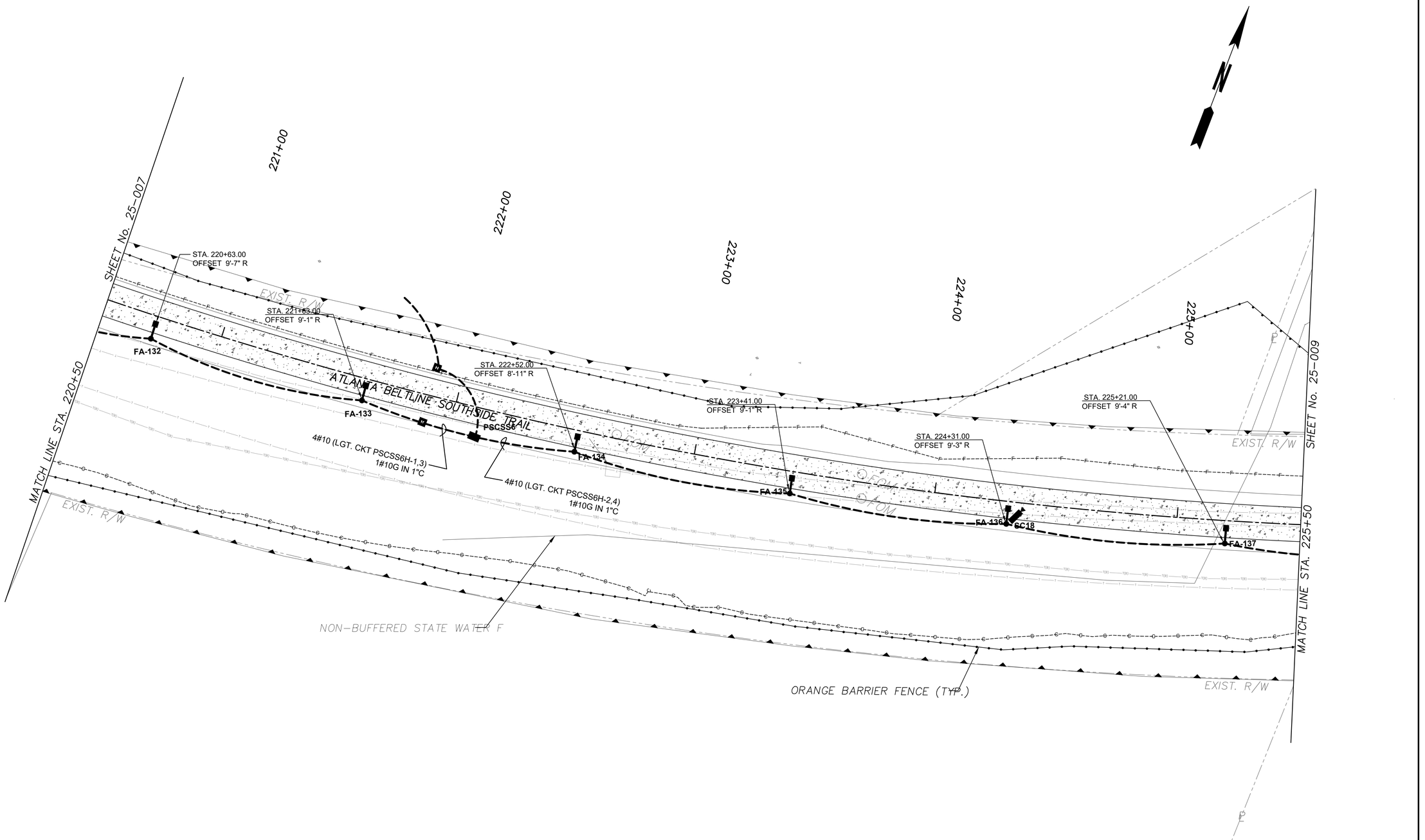
LIGHTING PLANS

STA. 216+00 TO STA. 220+50

CHECKED:	R.P.	DATE:	4/24/20
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 25-007

10/23/2015 GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

10/23/2015 GPLN

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SCALE IN FEET
0 20 40 80

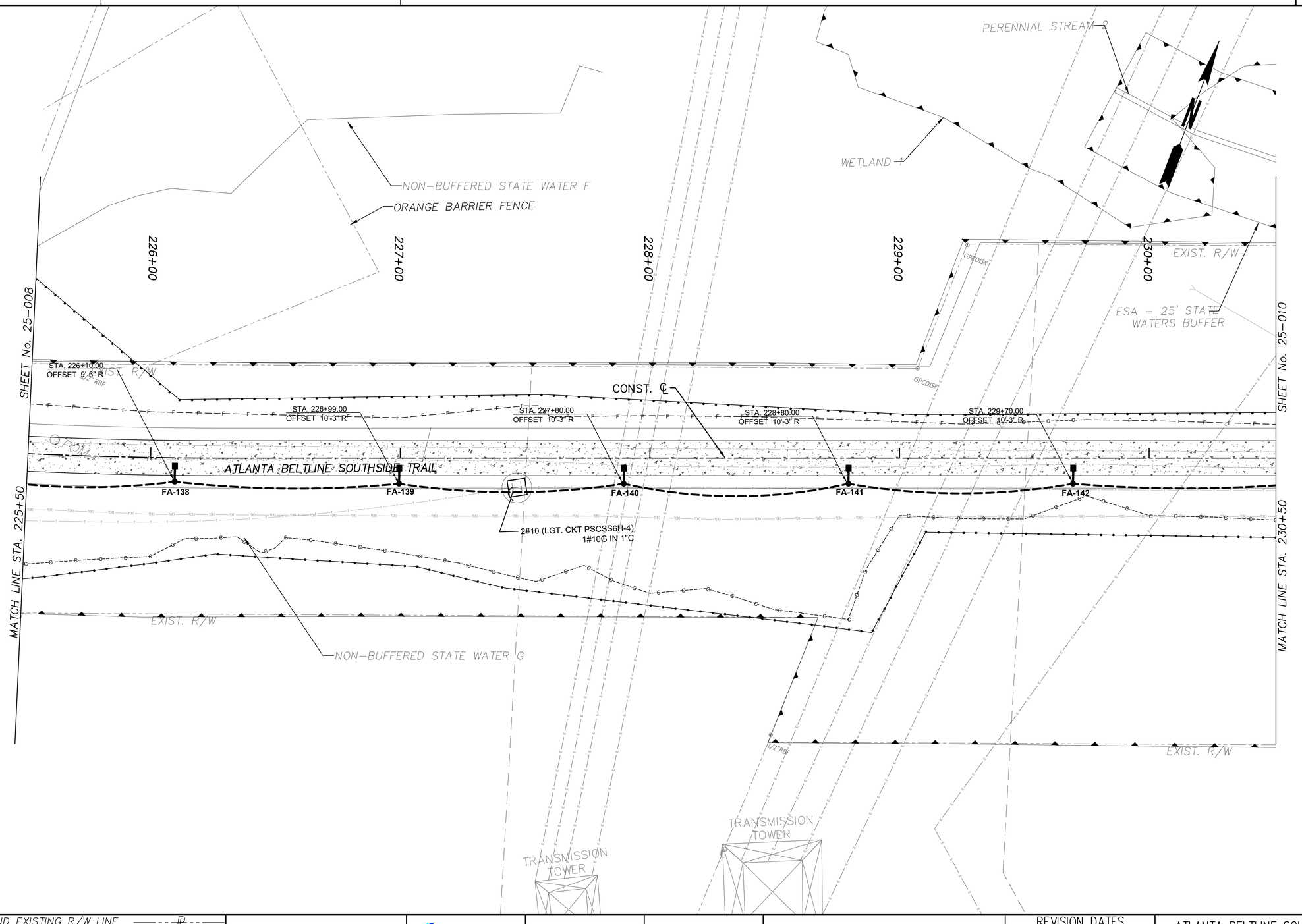
REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

LIGHTING PLANS

STA. 220+50 TO STA. 225+50

CHECKED:	R.P.	DATE: 4/24/20	DRAWING No.
BACKCHECKED:		DATE:	25-008
CORRECTED:		DATE:	
VERIFIED:		DATE:	



PROPERTY AND EXISTING R/W LINE

REQUIRED R/W LINE

CONSTRUCTION LIMITS

PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES

TEMPORARY EASEMENT FOR CONST. OF SLOPES

TEMPORARY EASEMENT FOR CONST. OF DRIVES

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SCALE IN FEET
0 20 40 80

REVISION DATES

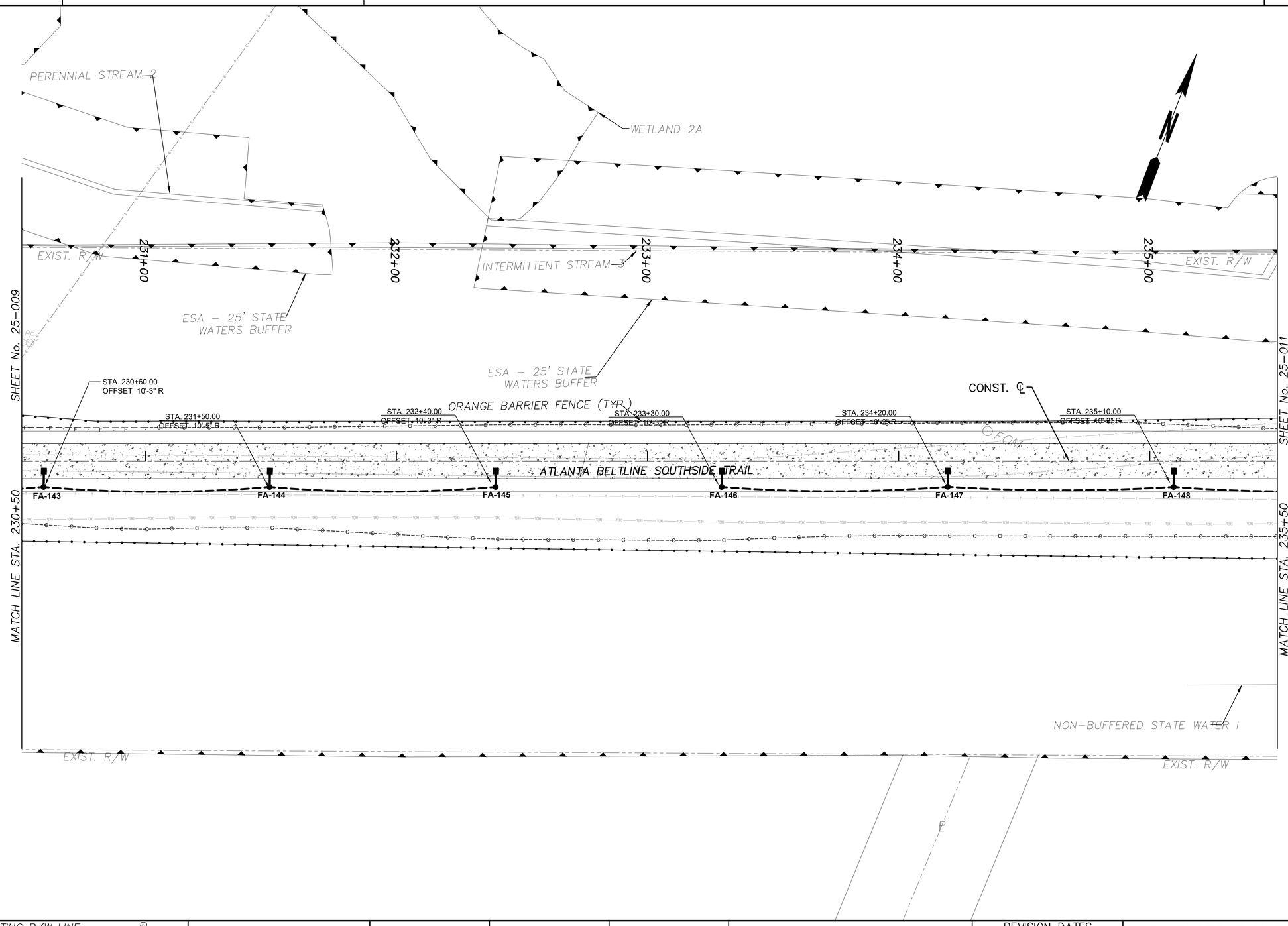
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

LIGHTING PLANS

STA. 225+50 TO STA. 230+50

CHECKED:	R.P.	DATE: 4/24/20	DRAWING No.
BACKCHECKED:		DATE:	25-009
CORRECTED:		DATE:	
VERIFIED:		DATE:	

10/23/2015 GPLY



PROPERTY AND EXISTING R/W LINE

REQUIRED R/W LINE

CONSTRUCTION LIMITS

PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES

TEMPORARY EASEMENT FOR CONST. OF SLOPES

TEMPORARY EASEMENT FOR CONST. OF DRIVES

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LILBURN, GEORGIA 30047
PHONE: 770-806-0143

SCALE IN FEET
0 20 40 80

REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

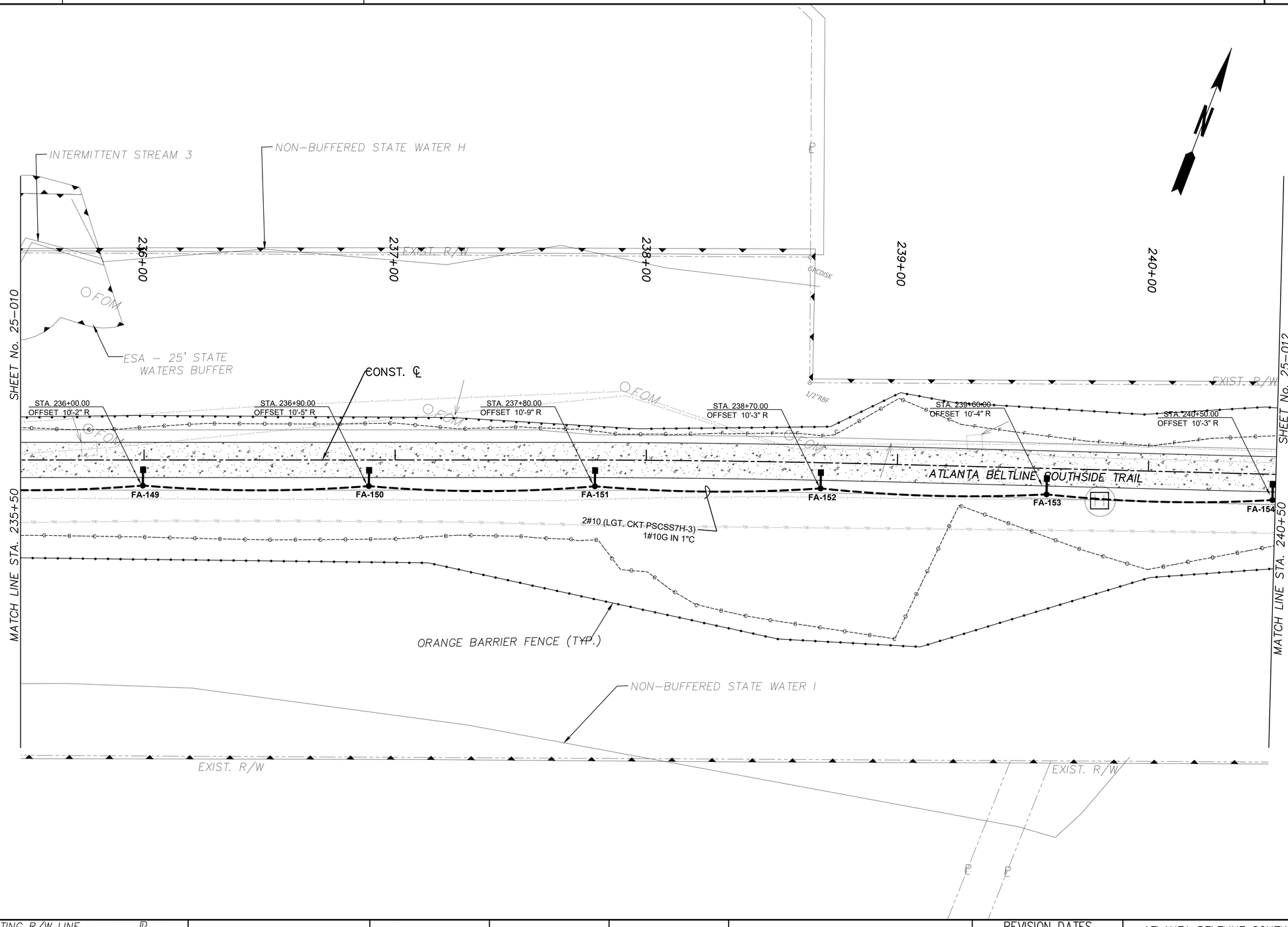
LIGHTING PLANS

STA. 230+50 TO STA. 235+50

CHECKED:	R.P.	DATE:	4/24/20
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 25-010

10/23/2015 GPLN 0007058 0007043 0007042 0007072 0007073



PROPERTY AND EXISTING R/W LINE ——℄——

REQUIRED R/W LINE ————————

CONSTRUCTION LIMITS —c—c—F—F—

PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES

TEMPORARY EASEMENT FOR CONST. OF SLOPES

TEMPORARY EASEMENT FOR CONST. OF DRIVES

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SCALE IN FEET
0 20 40 80

REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

LIGHTING PLANS

STA. 235+50 TO STA. 240+50

CHECKED:	R.P.	DATE: 4/24/20	DRAWING No.
BACKCHECKED:		DATE:	25-011
CORRECTED:		DATE:	
VERIFIED:		DATE:	

10/23/2015 GPLN SHEET 25-011

61+00
60+00
241+00
242+00
243+00
244+00
245+00
59+00
58+00
BOULEVARD SE
EXIST. R/W
EOI
ESA – HISTORICAL BOUNDARY
SHEET No. 25–011
MATCH LINE STA. 240+50
STA. 242+62.00
OFFSET 10'-0" R
BOULEVARD SE SPEED TABLE
SEE 18–SERIES AND 38–SERIES
SHEETS
STA. 241+40.06
OFFSET 10'-3" R
STA. 241+84.00
OFFSET 10'-3" R
STA. 243+20.00
OFFSET 10'-3" R
FA-155
FA-156
SG19
FA-157
PSCSS7
FA-158
4#10 (LGT. CKT PSCSS7H-2,4)
1#10G IN 1"C
4#10 (LGT. CKT PSCSS7H-1,3)
1#10G IN 1"C
END CONCRETE TRAIL PAVING STA. 242+63.87
ORANGE BARRIER FENCE (TYP.)
1/2" RBF
1" OTP
8" CLAY
L.L.L. 42
L.L.L. 23
8" DIP

PROPERTY AND EXISTING R/W LINE
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RPA
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LILBURN, GEORGIA 30047
PHONE: 770-806-0143

SCALE IN FEET
0 20 40 80

REVISION DATES

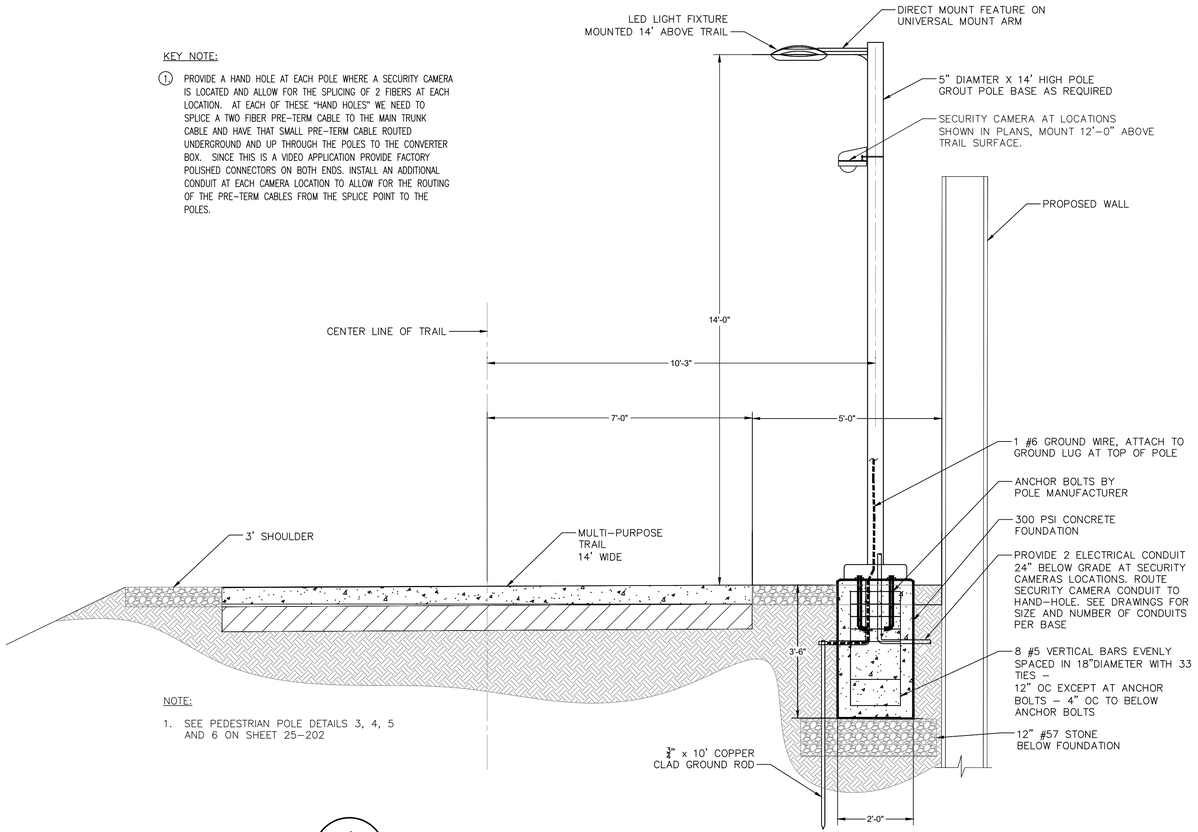
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
LIGHTING PLANS
STA. 240+50 TO STA. ---

CHECKED:	R.P.	DATE:	4/24/20	DRAWING No.
BACKCHECKED:		DATE:		25–012
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN SHEET025 SHEET026 SHEET027 SHEET028 SHEET029 SHEET030

KEY NOTE:

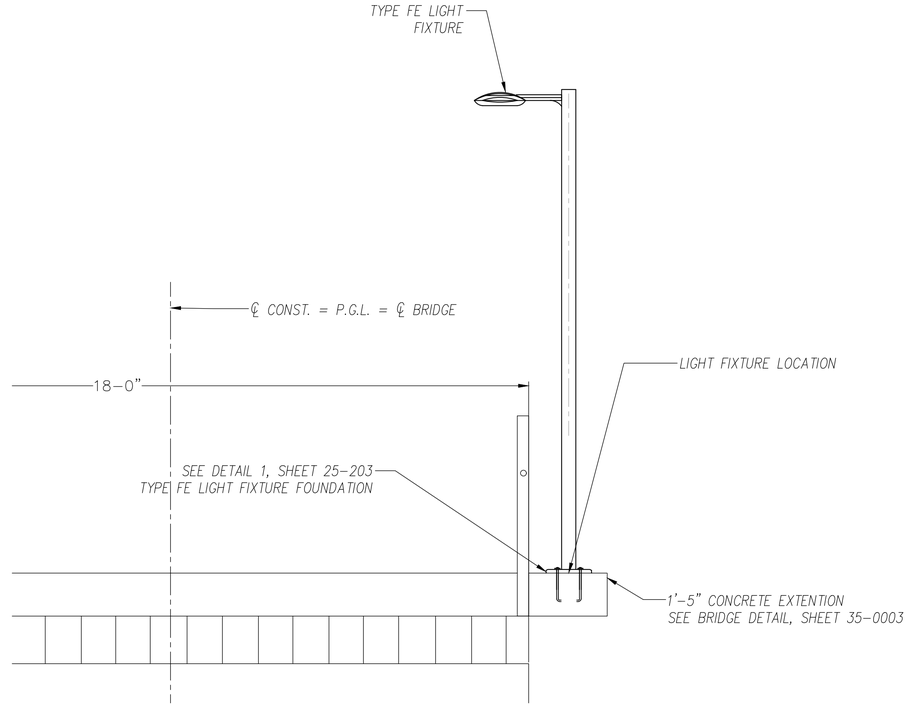
(1) PROVIDE A HAND HOLE AT EACH POLE WHERE A SECURITY CAMERA IS LOCATED AND ALLOW FOR THE SPLICING OF 2 FIBERS AT EACH LOCATION. AT EACH OF THESE "HAND HOLES" WE NEED TO SPLICE A TWO FIBER PRE-TERM CABLE TO THE MAIN TRUNK CABLE AND HAVE THAT SMALL PRE-TERM CABLE ROUTED UNDERGROUND AND UP THROUGH THE POLES TO THE CONVERTER BOX. SINCE THIS IS A VIDEO APPLICATION PROVIDE FACTORY POLISHED CONNECTORS ON BOTH ENDS. INSTALL AN ADDITIONAL CONDUIT AT EACH CAMERA LOCATION TO ALLOW FOR THE ROUTING OF THE PRE-TERM CABLES FROM THE SPLICE POINT TO THE POLES.



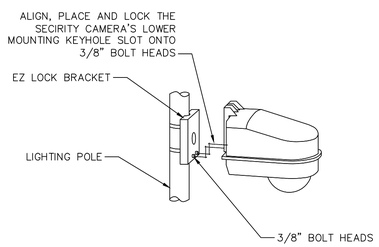
NOTE:

1. SEE PEDESTRIAN POLE DETAILS 3, 4, 5 AND 6 ON SHEET 25-202

1 / 25-201 TYPE "FA" LIGHTING FIXTURE DETAIL AND TYPICAL TRAIL SECTION N.T.S.



3 / 25-201 TYPE "FE" BRIDGE MOUNTED LIGHTING FIXTURE DETAIL N.T.S.



2 / 25-201 SECURITY CAMERA INSTALLATION N.T.S.

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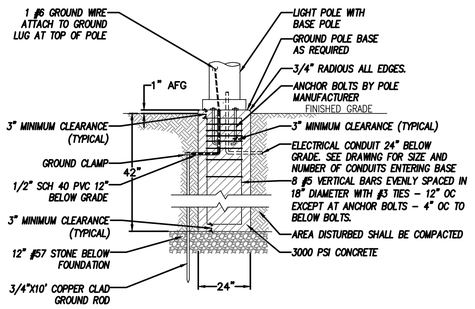
REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

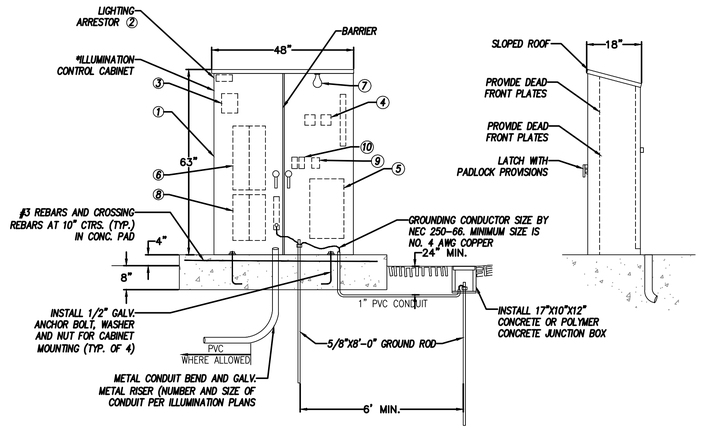
LIGHTING DETAILS

CHECKED:	R.P.	DATE: 7/15/19	DRAWING No.
BACKCHECKED:		DATE:	25-201
CORRECTED:		DATE:	
VERIFIED:		DATE:	

10/23/2015 GPLN

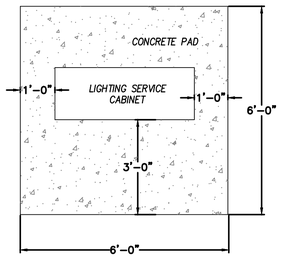


4 / 25-202 PEDESTRIAN POLE FOOTING SECTION
N.T.S.

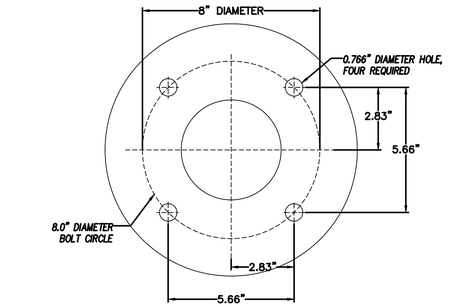


LIST OF MATERIALS

ITEM	QTY.	MARK	DESCRIPTION
1	1	–	NEMA 4X, DUST-TIGHT, WATER TIGHT STAINLESS STEEL CABINET (60"H X 48"W X 18"D)
2	1	–	3-POLE LIGHTING ARRESTOR
3	1	–	3-POLE, 30 AMP FUSED DISCONNECT
4	2	–	4-POLE, 30 AMP, 120V COIL LIGHTING CONTACTOR
5	1	–	5000 VA, DRY TYPE TRANSFORMER (480-240/120 V)
6	1	–	277/480V PANELBOARD
7	1	–	60 W LIGHT WITH PULL CORD
8	1	–	240/120V PANELBOARD
9	1	–	125V GFI RECEPTACLE
10	1	–	1-POLE, DOUBLE THROW, 15 AMP HAND-OFF-AUTO SWITCH

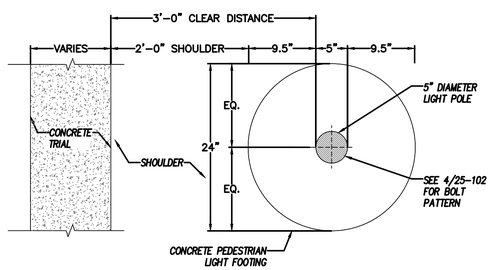


1 / 25-202 PAD MOUNT POWER SERVICE CABINET (PSC) DETAIL
N.T.S.

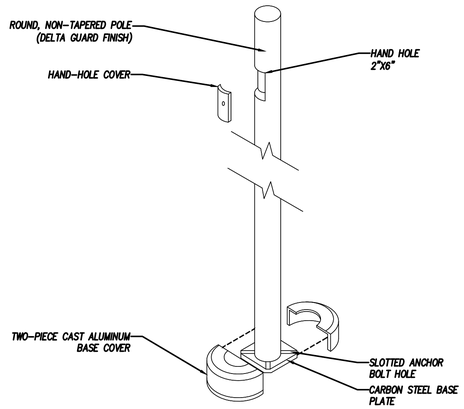


FOUR ANCHOR BOLTS
5" ROUND POLE
3/4" - 10X18" + 3" DOUBLE NUT
BOLT PROJECTION: 3.5"
BASE COVER HEIGHT: 4.375"

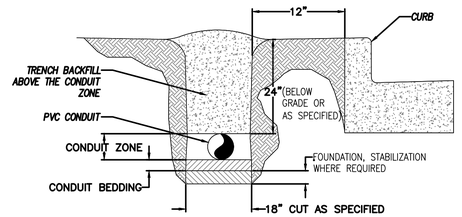
5 / 25-202 PEDESTRIAN POLE LIGHT BOLT PATTERN
N.T.S.



6 / 25-202 PEDESTRIAN POLE FOOTING - PLAN VIEW DETAIL
N.T.S.



3 / 25-202 ROUND STEEL POLE
N.T.S.



2 / 25-202 TYPICAL TRENCH DETAIL
N.T.S.

ATLANTA BELTLINE, INC.
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REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
LIGHTING DETAILS

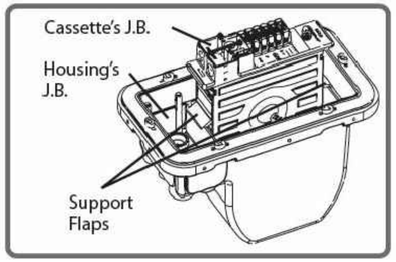
CHECKED:	R.P.	DATE: 7/15/19	DRAWING No.
BACKCHECKED:		DATE:	25-202
CORRECTED:		DATE:	
VERIFIED:		DATE:	

MATERIAL QUANTITIES - SEGMENT 3

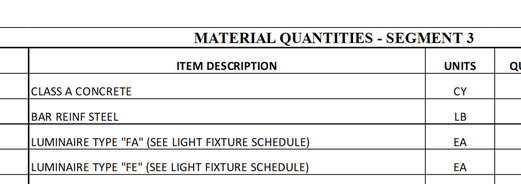
ITEM NO.	ITEM DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL PRICE
500-3101	CLASS A CONCRETE	CY	25		
511-1000	BAR REINF STEEL	LB	2,720		
681-6900	LUMINAIRE TYPE "FA" (SEE LIGHT FIXTURE SCHEDULE)	EA	68		
681-6900	LUMINAIRE TYPE "FE" (SEE LIGHT FIXTURE SCHEDULE)	EA	1		
681-6900	LUMINAIRE TYPE "FF" (SEE LIGHT FIXTURE SCHEDULE)	EA	11		
681-6900	LUMINAIRE TYPE "FL" (SEE LIGHT FIXTURE SCHEDULE)	EA	4		
681-6900	SECURITY CAMERA "SC" (SEE LIGHT FIXTURE SCHEDULE)	EA	5		
681-0515	LIGHTING STANDARD-STEEL, 15 FT MH + GROUND ROD & CABLE	EA	83		
682-6110	CONDUIT, RIGID, 1 IN	LF	100		
682-6219	CONDUIT, NONMETL, TP 2, 1 IN	LF	5,230		
682-6222	CONDUIT, NONMETL, TP 2, 2 IN	LF	1,346		
935-1117	OUTSIDE PLANT FIBER OPTIC CABLE LOOSE TUBE SINGLE MODE, 96 FIBER	LF	5,830		
935-1111	OUTSIDE PLANT FIBER OPTIC CABLE LOOSE TUBE SINGLE MODE, 6 FIBER	LF	500		
682-1404	Cable, TP XHHW, AWG No 10	LF	52,370		
682-1405	Cable, TP XHHW, AWG No 8	LF	2,360		
682-9000	POWER SERVICE CABINET (SEE DETAIL DWG #25-102)	EA	3		
682-9000	MDF CABINET FOR FIBER TERMINATIONS	EA	1		
682-9020	HANDHOLE	EA	23		

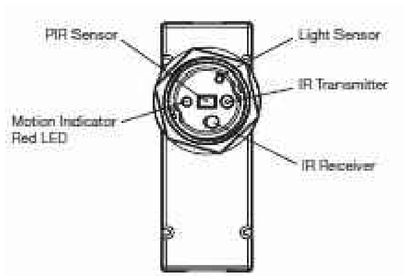
NOTES:

1. INSTALL FIBER OPTIC CABLE, SINGLE MODE, 96 FIBER, IN DUCTBANK BENEATH THE TRAIL. SEE 24 SERIES SHEETS FOR DETAILS OF DUCTBANK AND MANHOLE LOCATIONS. SPLICE FIBER OPTIC CABLE AT MANHOLE NEAR EACH CAMERA LOCATION AND RUN 2 CABLES TO EACH CAMERA IN 2" CONDUIT.
2. RUN FIBER OPTIC CABLE TO EXISTING MDF CABINET, LOCATED APPROXIMATELY AT STA 100+15. EQUIPMENT FOR TERMINATIONS AND TERMINATIONS TO BE BY OTHERS.



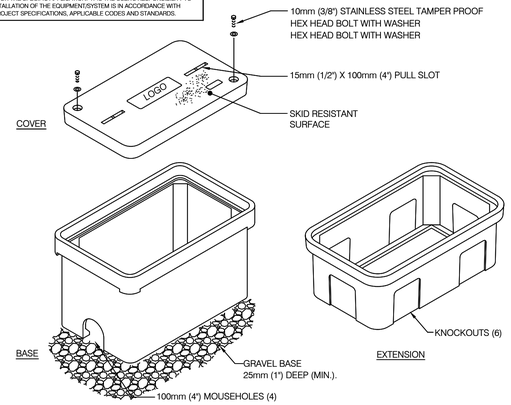
3 / 25-203 TYPICAL ELECTRIC VAULT BOX DETAIL N.T.S.





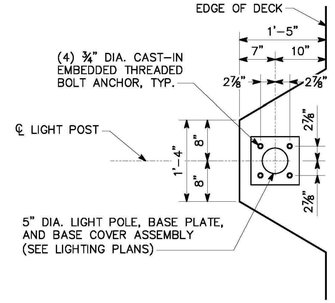
4 / 25-203 INTERGRATED OCCUPANCY SENSOR N.T.S.

NOTE:
THIS INFORMATION MAY NOT CONTAIN ALL DETAILS REQUIRED FOR CONSTRUCTION. APPROPRIATE MODIFICATION MAY BE REQUIRED TO ENSURE SUITABILITY OF THESE DRAWINGS FOR THE SPECIFIC APPLICATION. IT IS THE USER'S RESPONSIBILITY TO ENSURE INSTALLATION OF THE EQUIPMENT/SYSTEM IS IN ACCORDANCE WITH BUILDING/PROJECT SPECIFICATIONS, APPLICABLE CODES AND STANDARDS.

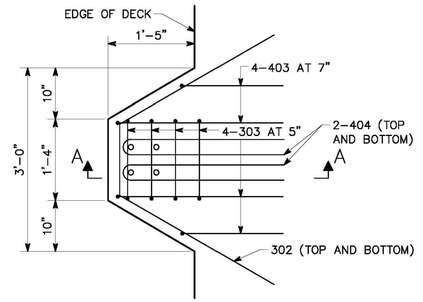


NOTES:
1. PROVIDE STAINLESS HANDHOLE, COVER.
2. PROVIDE 25mm (1") X 10mm (3/8") BELL PULL SLOT FOR EACH HANDHOLE.

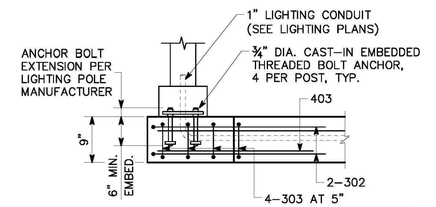
2 / 25-203 TYPICAL HANDHOLE DETAIL N.T.S.



LIGHTPOST CONNECTION DETAIL
SCALE: 1" = 1'-0"



LIGHTPOST REINFORCING DETAIL
SCALE: 1" = 1'-0"



1 / 25-203 BRIDGE MOUNTED POLE FOUNDATION DETAIL N.T.S.

ATLANTA BELTLINE, INC.
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1312 KILLIAN WAY
LILBURN, GEORGIA 30047
PHONE: 770-806-0143

REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
LIGHTING DETAILS

CHECKED:	R.P.	DATE: 7/15/19	DRAWING No.
BACKCHECKED:		DATE:	25-203
CORRECTED:		DATE:	
VERIFIED:		DATE:	

LIGHT FIXTURE SCHEDULE

FIXTURE TYPE	DESCRIPTION	MANUFACTUER	MODEL NO.	INPUT VOLTAGE	LAMPS			MOUNTING AND/OR MOUNTING HEIGHT	SEE DETAIL
					No.	WATTAGE	TYPE		
FA	CREA POLE LIGHTING LED LUMINAIRE. SLIM,LOW PROFILE DESIGN. LUMINAIRE SIDES ARE RUGGED CAST ALUMINUM WITH INTEGRAL, WEATHER-TIGHT LED DRIVERCOMPARTMENTS AND HIGH PERFORMANCEALUMINUM HEAT SINKS	CREE LIGHTING LITHONIA LIGHTING BEACON OR APPROVED EQUAL	ARE-EDG-2M-DA-06-D-ULBZ-700-DIM-P-ML	277		68	LED	POLE MOUNTED AT 14' HEIGHT, 5" DIA. ROUND POLE WITH HAND HOLE AT THE TOP OF POLE	VIEW 3/DWG #25-101
FC	48" DIRECT WHITE LED EXTERIOR LUMINAIREWITH EXTRUDED ALUMINUM HOUSING,FROSTED PATTERNED LENS ENCLOSURE	INSIGHT LIGHTING COOPER LIGHTING LUMENFULSE LIGHTING OR APPROVED EQUAL	MX-12W-35K-100-D-EASX-48-REM-TBR-CRF PROVIDE ACJ 25 - 25' AC POWER/ DATA JUMPER CABLES AS REQUIRED SNLED-LD1-99-UNV-LW-L840-C	277		12	LED	WALL OR CEILING MOUNTED	VIEW 1/DWG #25-101
FD	LED POD HAND RAIL LUMINAIRE	AGNER LUMENRAIL	LULP-40-30K-A-40 CONTRACTOR TO COORDINATE RAIL SIZE AND THICKNESS WITH LANDSCAPE ARCHITECT	277		2	LED	HANDRAIL MOUNTED	SEE SERIES 38-XXX DRAWINGS FOR HANDRAIL DETAILS
FE	CREA POLE LIGHTING LED LUMINAIRE. SLIM,LOW PROFILE DESIGN. LUMINAIRE SIDES ARE RUGGED CAST ALUMINUM WITH INTEGRAL, WEATHER-TIGHT LED DRIVERCOMPARTMENTS AND HIGH PERFORMANCEALUMINUM HEAT SINKS	CREE LIGHTING LITHONIA LIGHTING BEACON OR APPROVED EQUAL	ARE-EDG-2M-DA-06-D-ULBZ-700-DIM-P-ML	277		68	LED	MOUNTED ON BRIDGES AT TRAIL OVERPASSES	
FF	CREA POLE LIGHTING LED LUMINAIRE. SLIM,LOW PROFILE DESIGN. LUMINAIRE SIDES ARE RUGGED CAST ALUMINUM WITH INTEGRAL, WEATHER-TIGHT LED DRIVERCOMPARTMENTS AND HIGH PERFORMANCEALUMINUM HEAT SINKS	CREE LIGHTING LITHONIA LIGHTING BEACON OR APPROVED EQUAL	ARE-EDG-2M-DA-06-D-ULBZ-700-DIM-P-ML	277		68	LED	AT RAMPS - VARIOUS POLE HEIGHTS	
FL	TOPTIER LED CEILING MOUNTED CANOPY LIGHT FIXTURE	COOPER LIGHTING	TT O4 LED E1 WO BZ	277			LED	CEILING MOUNTED UNDER I-75/I-85 OVERPASS	
FAA	CREA POLE LIGHTING LED LUMINAIRE. SLIM,LOW PROFILE DESIGN. LUMINAIRE SIDES ARE RUGGED CAST ALUMINUM WITH INTEGRAL, WEATHER-TIGHT LED DRIVERCOMPARTMENTS AND HIGH PERFORMANCEALUMINUM HEAT SINKS	CREE LIGHTING LITHONIA LIGHTING BEACON OR APPROVED EQUAL	ARE-EDG-2M-AA-06-E-27-SV-700-40K-P	277		68	LED	POLE MOUNTED AT 14' HEIGHT, ON EXISTING WOOD POLE. USE CREE RUL POLE MOUNTING KIT OR AN APPROVED EQUAL	
SC	8-MEGAPIXEL MULTISENSORY FIXED CAMERA HAVING FOUR VARIFOCAL LENSES, IR AND 3600 COVERAGE	AXIS	MODEL #P3717-PLE 8 MP WITH IoT BASE					POE MOUNTED IN A WEATHER PROOF HOUSING	

LIGHT FIXTURE I.D. AND LOCATION - SEGMENT #3

TAG	STATION NO.	OFFSET	STREET/ROAD/PATH
FA-100	190+94.00	9'-5" R	Atlanta Beltline South Trail
FA-101	191+84.00	9'-7" R	Atlanta Beltline South Trail
FA-102	192+75.00	10'-7" R	Atlanta Beltline South Trail
FA-103	193+65.00	9'-3" R	Atlanta Beltline South Trail
FA-104	194+55.00	9'-3" R	Atlanta Beltline South Trail
FA-105	195+46.00	10'-6" R	Atlanta Beltline South Trail
FA-106	196+37.00	10'-9" R	Atlanta Beltline South Trail
FA-107	197+29.00	10'-6" R	Atlanta Beltline South Trail
FA-108	198+19.00	10'-10" R	Atlanta Beltline South Trail
FA-109	199+10.00	10'-8" R	Atlanta Beltline South Trail
FA-110	200+01.00	10'-6" R	Atlanta Beltline South Trail
FA-111	200+91.00	10'-6" R	Atlanta Beltline South Trail
FA-112	201+82.00	10'-9" R	Atlanta Beltline South Trail
FA-113	202+72.00	9'-9" R	Atlanta Beltline South Trail
FA-114	203+62.00	9'-9" R	Atlanta Beltline South Trail
FA-115	204+52.00	9'-8" R	Atlanta Beltline South Trail
FA-116	205+42.00	9'-9" R	Atlanta Beltline South Trail
FA-117	206+32.00	9'-4" R	Atlanta Beltline South Trail
FA-118	207+22.00	9'-4" R	Atlanta Beltline South Trail
FA-119	208+12.00	9'-4" R	Atlanta Beltline South Trail
FA-120	209+28.00	9'-7" R	Atlanta Beltline South Trail
FE-004	210+18.00	8'-0" R	Hill St. Bridge
FA-121	211+05.00	9'-10" R	Atlanta Beltline South Trail
FF-015			Hill St. Ramp
FF-016			Hill St. Ramp
FF-017			Hill St. Ramp
FF-018			Hill St. Ramp
FF-019			Hill St. Ramp
FF-020			Hill St. Ramp
FF-021			Hill St. Ramp
FF-022			Hill St. Ramp
FF-023			Hill St. Ramp
FF-024			Hill St. Ramp
FF-025			Hill St. Ramp
FF-026			Hill St. Ramp
FF-027			Hill St. Ramp
FF-028			Hill St. Ramp
FF-029			Hill St. Ramp
FA-122	211+72.00	9'-7" R	Atlanta Beltline South Trail
FA-123	212+63.00	9'-7" R	Atlanta Beltline South Trail
FA-124	213+53.00	9'-7" R	Atlanta Beltline South Trail
FA-125	214+43.00	10'-3" R	Atlanta Beltline South Trail
FA-126	215+33.00	10'-3" R	Atlanta Beltline South Trail
FA-127	216+23.00	10'-3" R	Atlanta Beltline South Trail
FA-128	217+13.00	10'-3" R	Atlanta Beltline South Trail
FA-129	218+03.00	10'-3" R	Atlanta Beltline South Trail
FA-130	218+93.00	10'-3" R	Atlanta Beltline South Trail
FA-131	219+83.00	9'-7" R	Atlanta Beltline South Trail
FA-132	220+63.00	9'-7" R	Atlanta Beltline South Trail
FA-133	221+63.00	9'-1" R	Atlanta Beltline South Trail
FA-134	222+52.00	8'-11" R	Atlanta Beltline South Trail
FA-135	223+41.00	9'-1" R	Atlanta Beltline South Trail
FA-136	224+31.00	9'-3" R	Atlanta Beltline South Trail
FA-137	225+21.00	9'-4" R	Atlanta Beltline South Trail
FA-138	226+10.00	10'-3" R	Atlanta Beltline South Trail
FA-139	226+99.00	10'-3" R	Atlanta Beltline South Trail
FA-140	227+80.00	10'-3" R	Atlanta Beltline South Trail
FA-141	228+80.00	10'-3" R	Atlanta Beltline South Trail
FA-142	229+70.00	10'-3" R	Atlanta Beltline South Trail

LIGHT FIXTURE I.D. AND LOCATION - SEGMENT #3 (cont.)

TAG	STATION NO.	OFFSET	STREET/ROAD/PATH
FA-143	230+60.00	10'-3" R	Atlanta Beltline South Trail
FA-144	231+50.00	10'-5" R	Atlanta Beltline South Trail
FA-145	232+40.00	10'-3" R	Atlanta Beltline South Trail
FA-146	233+30.00	10'-3" R	Atlanta Beltline South Trail
FA-147	234+20.00	10'-2" R	Atlanta Beltline South Trail
FA-148	235+10.00	10'-3" R	Atlanta Beltline South Trail
FA-149	236+00.00	10'-2" R	Atlanta Beltline South Trail
FA-150	236+90.00	10'-5" R	Atlanta Beltline South Trail
FA-151	237+80.00	10'-9" R	Atlanta Beltline South Trail
FA-152	238+70.00	10'-3" R	Atlanta Beltline South Trail
FA-153	239+60.00	10'-4" R	Atlanta Beltline South Trail
FA-154	240+50.00	10'-3" R	Atlanta Beltline South Trail
FA-155	241+40.00	10'-3" R	Atlanta Beltline South Trail
FA-156	241+84.00	10'-3" R	Atlanta Beltline South Trail
FA-157	242+62.00	10'-0" R	Atlanta Beltline South Trail

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1312 KILLIAN WAY
LILBURN, GEORGIA 30047
PHONE: 770-806-0143

REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
LIGHTING SCHEDULES

CHECKED:	R.P.	DATE: 7/15/19	DRAWING No.
BACKCHECKED:		DATE:	25-204
CORRECTED:		DATE:	
VERIFIED:		DATE:	

PANEL: PSCSS5H - 480/240 VOLTAGE: 480/240 VOLT, 1PH, 3W, 60 Hz 100 % NEUTRAL BUS
LOCATION: BETWEEN STATION 38+00 AND 39+00 ___ AMP MLO ☐ISOLATED GND BUS
BUILDING: 30 AMP MAIN BREAKER ☐SHUNT TRIP
DRAWING: MOUNTING: ☐FLUSH ☒ SURFACE MINIMUM AIC RATING 10 KA

DEVICE		BRANCH CIRCUIT			PHASE LOAD (VA)				BRANCH CIRCUIT	DEVICE	
AMP TRIP	POLES	DESIGNATION	CONN. VA	NO.	A	B	NO.	CONN. VA	DESIGNATION	POLES	AMP TRIP
20	1	TRAIL LIGHTING	1200	1	2400		2	1200	TRAIL LIGHTING	1	20
20	1	TRAIL LIGHTING	1200	3		2400	4	1200	TRAIL LIGHTING	1	20
				5	420		6	420	TRANSFORMER (240/120V)	2	15
				7		720	8	720	-	-	-
				9	0		10				
				11		0	12				
TOTAL CAPACITY CONNECTED VA / PHASE					2820	3120			TOTAL CONNECTED LOAD (KVA)	5.9	
TOTAL DEMAND VA / PHASE					3420	3720			TOTAL DEMAND LOAD (KVA)	7.1	
TOTAL CAPACITY CONNECTED AMPS / PHASE					12	13					
TOTAL DEMAND AMPS / PHASE					14	16					

PANEL: PSCSS5H - 480/240
NOTES:

PANEL: PSCSS5L - 240/120 VOLTAGE: 240/120 VOLT, 1PH, 3W, 60 Hz 100 % NEUTRAL BUS
LOCATION: BETWEEN STATION 38+00 AND 39+00 30 AMP MLO ☐ ISOLATED GND BUS
BUILDING: ___ AMP MAIN BREAKER ☐ SHUNT TRIP
DRAWING: MOUNTING: ☐FLUSH ☒ SURFACE MINIMUM AIC RATING: 10 KA

DEVICE		BRANCH CIRCUIT			PHASE LOAD (VA)				BRANCH CIRCUIT	DEVICE	
AMP TRIP	POLES	DESIGNATION	CONN. VA	NO.	A	B	NO.	CONN. VA	DESIGNATION	POLES	AMP TRIP
20	2	SECURITY CAMERA - SC3 (POE, CNVTR)	120	1	240		2	120	SECURITY CAMERA - SC1 (POE, CNVTR)	2	20
-	-	-	120	3		240	4	120	-	-	-
				5	120		6	120	SECURITY CAMERA - SC2 (POE, CNVTR)	2	20
				7		120	8	120	-	-	-
15	1	CABINET LIGHT	60	9	60		10				
20	1	CABINET GFI RECEPTACLE	360	11		360	12				
TOTAL CAPACITY CONNECTED VA / PHASE					420	720			TOTAL CONNECTED LOAD (KVA)	1.1	
TOTAL DEMAND VA / PHASE					420	720			TOTAL DEMAND LOAD (KVA)	1.1	
TOTAL CAPACITY CONNECTED AMPS / PHASE					4	6					
TOTAL DEMAND AMPS / PHASE					4	6					

PANEL: PSCSS5L - 240/120
NOTES:

PANEL: PSCSS6H - 480/240 VOLTAGE: 480/240 VOLT, 1PH, 3W, 60 Hz 100 % NEUTRAL BUS
LOCATION: BETWEEN STATION 60+00 AND 61+00 ___ AMP MLO ☐ISOLATED GND BUS
BUILDING: 30 AMP MAIN BREAKER ☐SHUNT TRIP
DRAWING: MOUNTING: ☐FLUSH ☒ SURFACE MINIMUM AIC RATING 10 KA

DEVICE		BRANCH CIRCUIT			PHASE LOAD (VA)				BRANCH CIRCUIT	DEVICE	
AMP TRIP	POLES	DESIGNATION	CONN. VA	NO.	A	B	NO.	CONN. VA	DESIGNATION	POLES	AMP TRIP
20	1	TRAIL LIGHTING	1200	1	2400		2	1200	TRAIL LIGHTING	1	20
20	1	TRAIL LIGHTING	1200	3		2400	4	1200	TRAIL LIGHTING	1	20
				5	420		6	420	TRANSFORMER (240/120V)	2	15
				7		720	8	720	-	-	-
				9	0		10				
				11		0	12				
TOTAL CAPACITY CONNECTED VA / PHASE					2820	3120			TOTAL CONNECTED LOAD (KVA)	5.9	
TOTAL DEMAND VA / PHASE					3420	3720			TOTAL DEMAND LOAD (KVA)	7.1	
TOTAL CAPACITY CONNECTED AMPS / PHASE					12	13					
TOTAL DEMAND AMPS / PHASE					14	16					

PANEL: PSCSS6H - 480/240
NOTES:

PANEL: PSCSS6L - 240/120 VOLTAGE: 240/120 VOLT, 1PH, 3W, 60 Hz 100 % NEUTRAL BUS
LOCATION: BETWEEN STATION 38+00 AND 39+00 30 AMP MLO ☐ ISOLATED GND BUS
BUILDING: ___ AMP MAIN BREAKER ☐ SHUNT TRIP
DRAWING: MOUNTING: ☐FLUSH ☒ SURFACE MINIMUM AIC RATING: 10 KA

DEVICE		BRANCH CIRCUIT			PHASE LOAD (VA)				BRANCH CIRCUIT	DEVICE	
AMP TRIP	POLES	DESIGNATION	CONN. VA	NO.	A	B	NO.	CONN. VA	DESIGNATION	POLES	AMP TRIP
20	2	SECURITY CAMERA - SC4 (POE, CNVTR)	120	1	240		2	120	SECURITY CAMERA - SC5 (POE, CNVTR)	2	20
-	-	-	120	3		240	4	120	-	-	-
				5	120		6	120	SECURITY CAMERA - SC6 (POE, CNVTR)	2	20
				7		120	8	120	-	-	-
15	1	CABINET LIGHT	60	9	60		10				
20	1	CABINET GFI RECEPTACLE	360	11		360	12				
TOTAL CAPACITY CONNECTED VA / PHASE					420	720			TOTAL CONNECTED LOAD (KVA)	1.1	
TOTAL DEMAND VA / PHASE					420	720			TOTAL DEMAND LOAD (KVA)	1.1	
TOTAL CAPACITY CONNECTED AMPS / PHASE					4	6					
TOTAL DEMAND AMPS / PHASE					4	6					

PANEL: PSCSS6L - 240/120
NOTES:

PANEL: PSCSS7H - 480/240 VOLTAGE: 480/240 VOLT, 1PH, 3W, 60 Hz 100 % NEUTRAL BUS
LOCATION: BETWEEN STATION 60+00 AND 61+00 ___ AMP MLO ☐ISOLATED GND BUS
BUILDING: 30 AMP MAIN BREAKER ☐SHUNT TRIP
DRAWING: MOUNTING: ☐FLUSH ☒ SURFACE MINIMUM AIC RATING 10 KA

DEVICE		BRANCH CIRCUIT			PHASE LOAD (VA)				BRANCH CIRCUIT	DEVICE	
AMP TRIP	POLES	DESIGNATION	CONN. VA	NO.	A	B	NO.	CONN. VA	DESIGNATION	POLES	AMP TRIP
20	1	TRAIL LIGHTING	1200	1	2400		2	1200	TRAIL LIGHTING	1	20
20	1	TRAIL LIGHTING	1200	3		2400	4	1200	TRAIL LIGHTING	1	20
				5	420		6	420	TRANSFORMER (240/120V)	2	15
				7		720	8	720	-	-	-
				9	0		10				
				11		0	12				
TOTAL CAPACITY CONNECTED VA / PHASE					2820	3120			TOTAL CONNECTED LOAD (KVA)	5.9	
TOTAL DEMAND VA / PHASE					3420	3720			TOTAL DEMAND LOAD (KVA)	7.1	
TOTAL CAPACITY CONNECTED AMPS / PHASE					12	13					
TOTAL DEMAND AMPS / PHASE					14	16					

PANEL: PSCSS7H - 480/240
NOTES:

PANEL: PSCSS7L - 240/120 VOLTAGE: 240/120 VOLT, 1PH, 3W, 60 Hz 100 % NEUTRAL BUS
LOCATION: BETWEEN STATION 38+00 AND 39+00 30 AMP MLO ☐ ISOLATED GND BUS
BUILDING: ___ AMP MAIN BREAKER ☐ SHUNT TRIP
DRAWING: MOUNTING: ☐FLUSH ☒ SURFACE MINIMUM AIC RATING: 10 KA

DEVICE		BRANCH CIRCUIT			PHASE LOAD (VA)				BRANCH CIRCUIT	DEVICE	
AMP TRIP	POLES	DESIGNATION	CONN. VA	NO.	A	B	NO.	CONN. VA	DESIGNATION	POLES	AMP TRIP
20	2	SECURITY CAMERA - SC4 (POE, CNVTR)	120	1	240		2	120	SECURITY CAMERA - SC5 (POE, CNVTR)	2	20
-	-	-	120	3		240	4	120	-	-	-
				5	120		6	120	SECURITY CAMERA - SC6 (POE, CNVTR)	2	20
				7		120	8	120	-	-	-
15	1	CABINET LIGHT	60	9	60		10				
20	1	CABINET GFI RECEPTACLE	360	11		360	12				
TOTAL CAPACITY CONNECTED VA / PHASE					420	720			TOTAL CONNECTED LOAD (KVA)	1.1	
TOTAL DEMAND VA / PHASE					420	720			TOTAL DEMAND LOAD (KVA)	1.1	
TOTAL CAPACITY CONNECTED AMPS / PHASE					4	6					
TOTAL DEMAND AMPS / PHASE					4	6					

PANEL: PSCSS7L - 240/120
NOTES:

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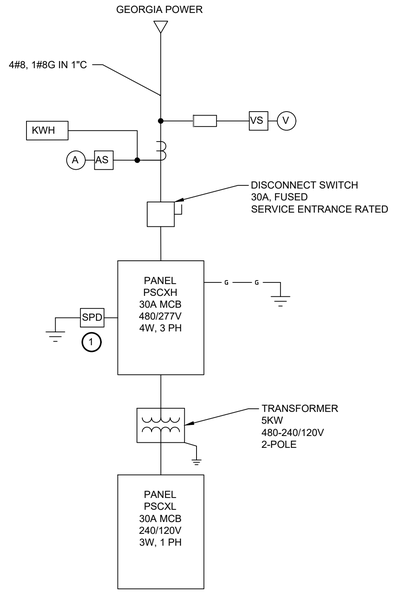
1312 KILLIAN WAY
LILBURN, GEORGIA 30047
PHONE: 770-806-0143

REVISION DATES

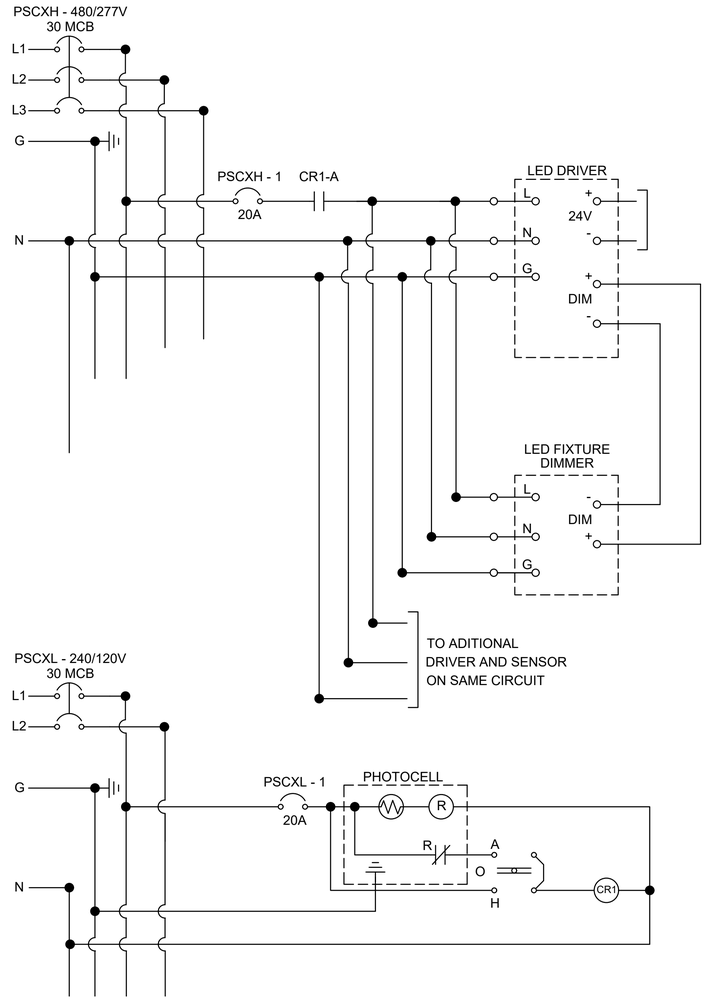
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
LIGHTING SCHEDULES

CHECKED:	R.P.	DATE:	7/15/19
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 25-205



3 / 25–301 NEW POWER SERVICE CABINET ELECTRICAL ONE–LINE
N.T.S.



1 / 25–301 HANDRAIL LIGHTING WIRING DIAGRAMS TYPICAL
N.T.S.

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FAX: (404) 477-3606

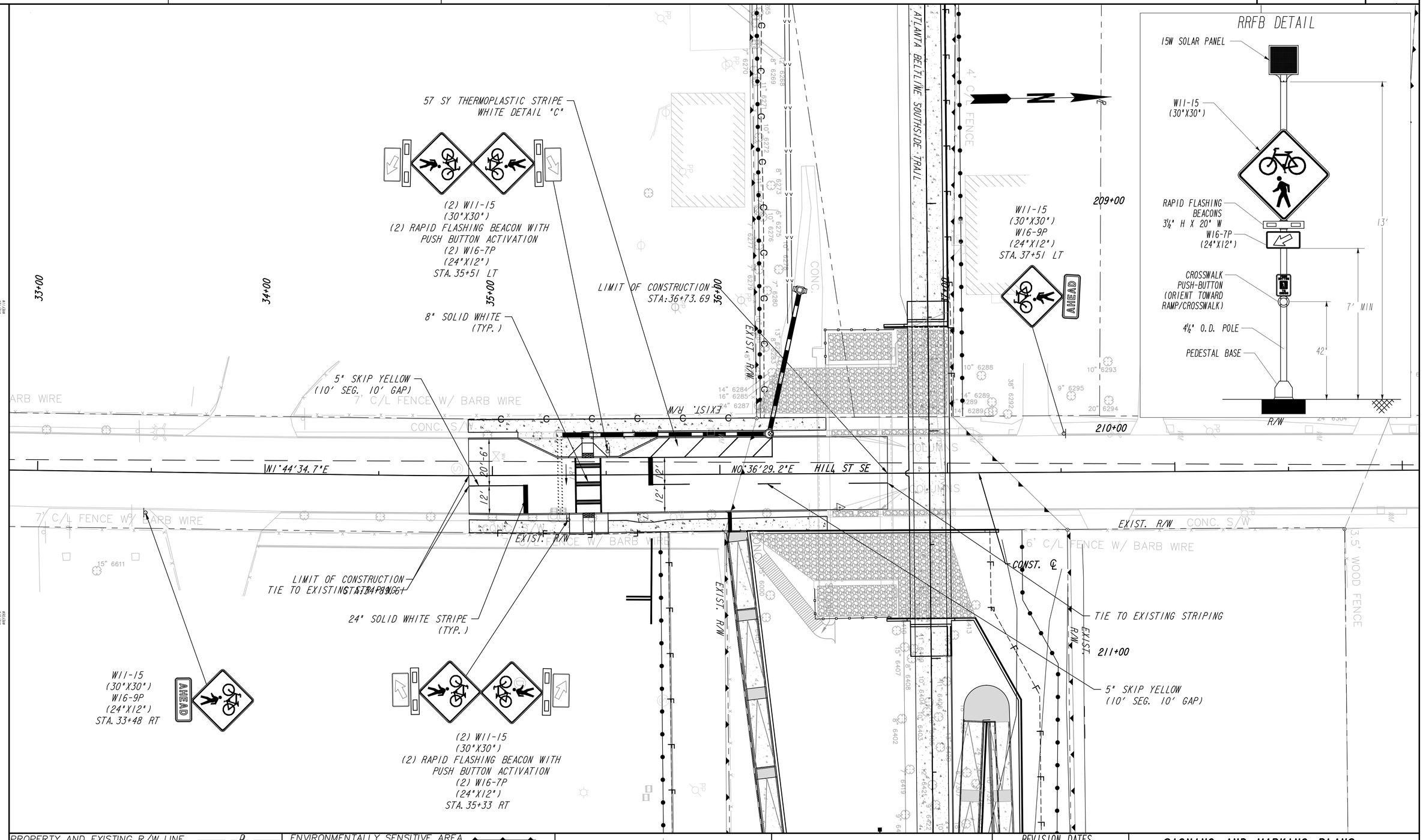
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

R. POWELL & ASSOCIATES, INC.
ENGINEERING CONSULTANTS
1312 KILLIAN WAY
LILBURN, GEORGIA 30047
PHONE: 770-806-0143

REVISION DATES

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
LIGHTING SCHEDULES

CHECKED:	R.P.	DATE: 7/15/19	DRAWING No.
BACKCHECKED:		DATE:	25–301
CORRECTED:		DATE:	
VERIFIED:		DATE:	



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

Atlanta BeltLine
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SCALE IN FEET
0 20 40 80

REVISION DATES

SIGNING AND MARKING PLANS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
HILL STREET

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		26-100
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

2/4/21 2:08 PM
Cook, Kyra (Shalikashvili)

K:\AMT_Roadway\019927006 ABI Southside Trail\CAD\-- SEGMENT 3 --\019927006_26-001_SEG_3.dwg

REMOVE AND RESET EXIST. WI1-15 & W16-7P STA. 59+64 LT

REMOVE AND RESET EXIST. RI-1 & "WATCH FOR PEDESTRIANS" STA. 60+00 LT

EXIST. RI0-6 TO REMAIN

EXIST. WI1-15 & W16-9P TO REMAIN

LIMIT OF CONSTRUCTION STA:60+04.00

EXIST. STRIPING TO REMAIN UNLESS OTHERWISE NOTED

LIMIT OF CONSTRUCTION STA:59+23.00

EXIST. RI0-6 TO REMAIN

EXIST. WI1-15 & W16-9P TO REMAIN

REMOVE AND RESET EXIST. WI1-15 & W16-7P STA. 59+58 RT

ATLANTA BELTLINE SOUTHSIDE TRAIL

EXIST. R/W

CONST. ℄

BOULEVARD SE

HAMILTON AVE SE

N0°45'50.3"E

241+00 242+00 243+00 244+00 59+00 60+00 61+00 63+00

CONC. S/W · CONC. · 6' C/L FENCE · 5' C/L FENCE · 4' WO · METAL FENCE · 3' WOOD FENCE · STEPS · RR CROSSING · CONC. DOCK

PROPERTY AND EXISTING R/W LINE ——℄——
REQUIRED R/W LINE
CONSTRUCTION LIMITS ——C——F——
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

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SCALE IN FEET
0 20 40 80

REVISION DATES

SIGNING AND MARKING PLANS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
BOULEVARD SE

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		26-110
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

SIGNAL NOTES

1. THE COMPLETE SIGNAL INSTALLATION SHALL CONFORM TO ALL APPROPRIATE PARTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES CURRENT EDITION, INCLUDING SUBSEQUENT PUBLISHED RULINGS, CITY OF ATLANTA AND GEORGIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.

2. SIGNAL HEADS SHALL BE ERECTED TO PROVIDE AT LEAST 17 FEET BUT NO MORE THAN 19 FEET CLEARANCE FROM BOTTOM OF SIGNAL HEADS TO TOP OF ROAD SURFACE AND A MINIMUM OF 8 FEET MEASURED HORIZONTALLY BETWEEN CENTERS OF SIGNAL FACES.

3. SHIELDED CABLE WILL BE USED FOR DETECTOR RUNS AS SHOWN ON THE DETAIL SHEET. DETECTORS SHALL HAVE SEPARATE LEAD-INS TO THE CONTROL CABINET.

4. THE CONTRACTOR SHALL LOCATE UNDERGROUND UTILITIES IN VICINITY OF NEW TRAFFIC SIGNAL POLES BEFORE INSTALLATION. MINOR SHIFTS (UP TO A MAXIMUM OF 5 FEET) IN LOCATION OF NEW SIGNAL POLES, AT THE DISCRETION OF THE ENGINEER, ARE ACCEPTABLE TO AVOID UNDERGROUND UTILITIES. MINIMUM CLEARANCES FROM EDGE OF PAVEMENT SHALL BE MAINTAINED. PLACEMENT OF THE SIGNAL HEADS MUST BE RETAINED AS SHOWN ON THE PLANS.

5. THE CONTRACTOR SHALL MAINTAIN EXISTING TRAFFIC SIGNALS DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC SIGNAL AND/OR CONTROL SYSTEM ADJUSTMENTS, INCLUDING TEMPORARY SUPPORT POLE LOCATION(S) REQUIRED BY THE PROJECT DURING THE INTERIM PERIOD THROUGH INSTALLATION OF NEW SIGNAL EQUIPMENT. AT NO TIME SHALL THE CONTRACTOR CAUSE ANY PART OF THE SIGNAL OPERATION TO BE INOPERABLE.

6. NEW SIGNAL POLES AND MAST ARMS SHALL MEET REQUIRED CITY OF ATLANTA SPECIFICATIONS.

7. INSTALLATION IS TO BE CHECKED AND ACCEPTED BY THE CITY TRAFFIC ENGINEER PRIOR TO FINAL ACCEPTANCE. A COMPLETE SET OF WIRING DIAGRAMS SHALL BE FURNISHED TO THE OFFICE OF TRAFFIC & TRANSPORTATION, 68 MITCHELL STREET, SW, ATLANTA, GA 30303 BY THE CONTRACTOR PRIOR TO FINAL ACCEPTANCE.

8. WHEN REMOVED, EXISTING EQUIPMENT SHALL BE DELIVERED BY THE CONTRACTOR TO THE CITY OF ATLANTA AS DIRECTED BY THE CITY TRAFFIC ENGINEER. DELIVERY OF EQUIPMENT SHALL BE COORDINATED WITH CITY OF ATLANTA, TRAFFIC OPERATIONS.

CONTACT INFORMATION
CLYDE MOORE (404) 561-3822
MICHAEL JAMES (404) 938-2038
RAWLE GIBBS (404) 831-3507

9. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING POLE FOUNDATION DESIGNS TO THE CITY TRAFFIC ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES IN THE VICINITY OF PROPOSED POLE INSTALLATIONS AND VERIFYING FEASIBILITY OF POLE INSTALLATION PRIOR TO ORDERING OF ANY MATERIALS.

10. MATERIAL CERTIFICATION IS REQUIRED PRIOR TO BEGINNING ANY SIGNAL INSTALLATION WORK. THE CONTRACTOR SHALL FOLLOW PROCEDURES OUTLINED IN THE SPECIFICATION. THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTAL OF ALL MATERIALS AND POLE SUBMITTALS TO THE CITY OF ATLANTA. ALL SUBMITTALS SHALL BE APPROVED BY THE CITY PRIOR TO ORDERING OF ANY MATERIALS.

11. IF A GRASSED AREA OR FURNITURE ZONE IS PROVIDED BEHIND THE BACK OF CURB, THE CONTRACTOR SHALL LOCATE SIGNAL AND LIGHT POLES AT THE BACK OF THE GRASSED AREA OR FURNITURE ZONE. IF THESE ZONES DO NOT EXIST, THE CONTRACTOR SHALL LOCATE THE POLES AT THE BACK OF THE SIDEWALK.

12. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FROM THE DEPARTMENT OF PUBLIC WORKS PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ANY CHANGES FROM THESE PLANS WITH THE CITY INSPECTOR, THE OWNER AND THE ENGINEER. ANY CHANGES FROM THESE PLANS MUST BE APPROVED BY THE INSPECTOR PRIOR TO INSTALLATION. IF PLAN REVISIONS ARE REQUIRED BY THE INSPECTOR PRIOR TO APPROVAL, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER.

13. THE CONTRACTOR IS TO COORDINATE WITH POWER COMPANY FOR UNDERGROUND SERVICE FEED FOR TRAFFIC SIGNALS.

14. ALL POLES AND MAST ARMS SHALL BE CODA GREEN, TP IV STEEL STRAIN POLES..

TRAFFIC SIGNAL LEGEND

EXISTING SIGNAL	PROPOSED SIGNAL
CONTROLLER CABINET	CONTROLLER CABINET WITH BATTERY BACKUP
STRAIN POLE	CONTROLLER CABINET
TIMBER POLE	STRAIN POLE
DOWN GUY	TIMBER POLE
MAST ARM	DOWN GUY
STREET LIGHT	MAST ARM
3 SECTION HEAD	STREET LIGHT
4 SECTION HEAD	3 SECTION HEAD W/ BACKPLATE
5 SECTION/T-SHAPED HEAD	4 SECTION HEAD W/ BACKPLATE
OVERHEAD SIGN	5 SECTION/T-SHAPED HEAD W/ BACKPLATE
PEDESTAL POLE	OVERHEAD SIGN
PED SIGNAL HEAD	PEDESTAL POLE
CURB CUT RAMP	PED SIGNAL HEAD
PULLBOX, TP 1	CURB CUT RAMP - (See ADA Detail)
PULLBOX, TP 2	PULLBOX, TP 2
PULLBOX, TP 4	PULLBOX, TP 3
PULLBOX, TP 5	PULLBOX, TP 4\4s
6x6 PULSE LOOP	PULLBOX, TP 5\5s
6x18 CALL LOOP	6x6 PULSE LOOP
6x40 PRESENCE LOOP (DIPOLE)	6x18 CALL LOOP
6x40 PRESENCE LOOP (QUADRUPOLE)	6x40 PRESENCE LOOP (DIPOLE)
CONDUIT	6x40 PRESENCE LOOP (QUADRUPOLE)
RAILROAD CONTROLLER	CONDUIT
SIGN POST	RIGID CONDUIT
	RAILROAD CONTROLLER
	SIGN POST

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REVISION DATES

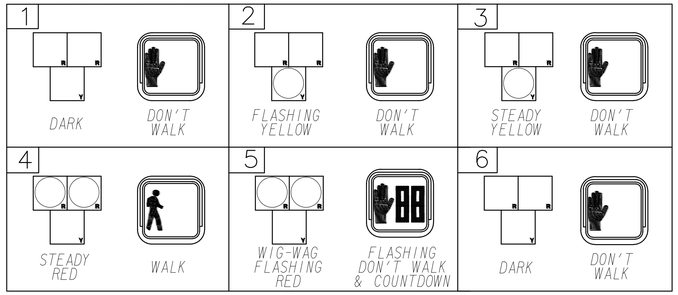
SIGNAL PLANS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		27-001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

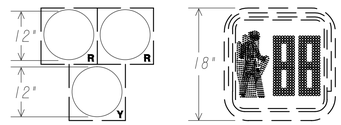
PHASING DIAGRAM

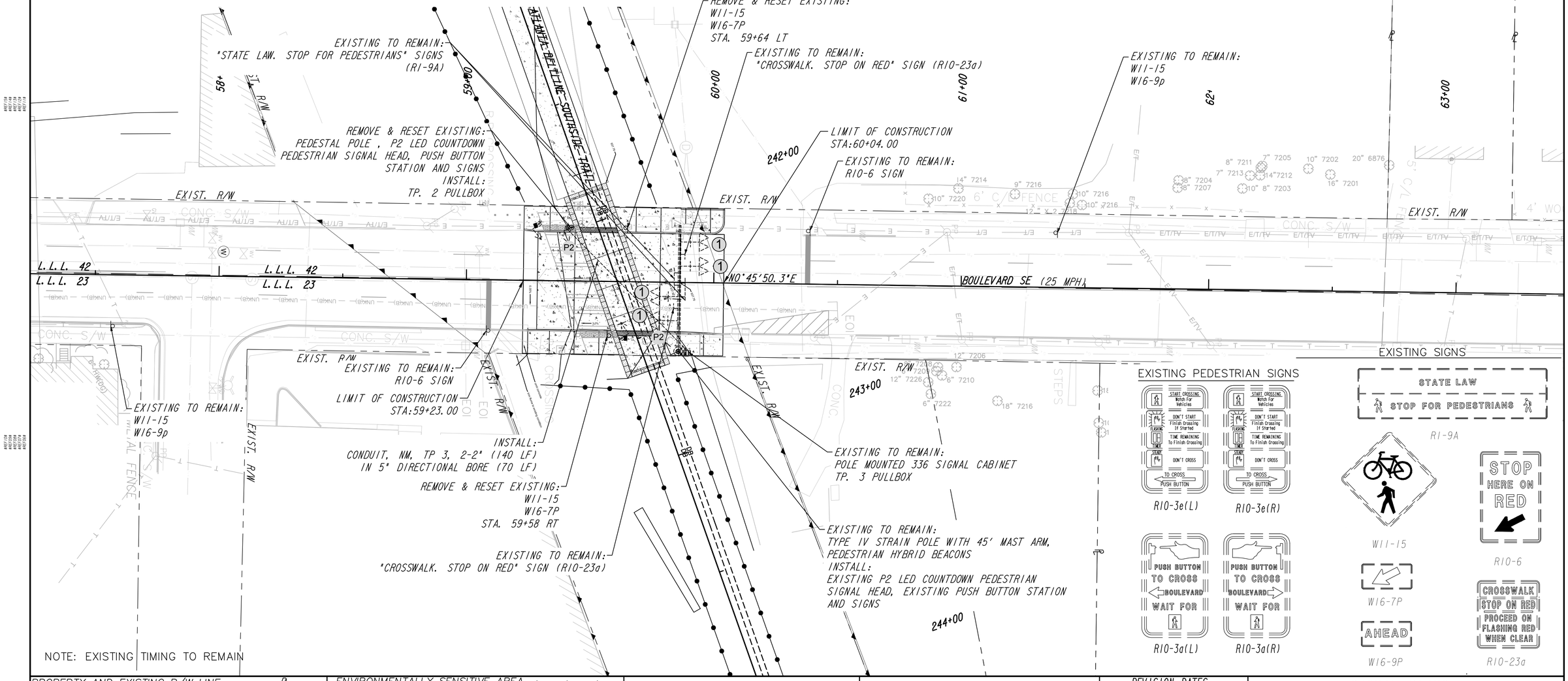
Ø1	Ø2 W W	Ø3 OMIT	Ø4 OMIT
Ø5 OMIT	Ø6 OMIT	Ø7 OMIT	Ø8 OMIT

SIGNAL DISPLAY SEQUENCE



EXISTING LED SIGNAL HEADS





EXISTING PEDESTRIAN SIGNS

EXISTING SIGNS

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

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SCALE IN FEET
0 20 40 80

REVISION DATES

SIGNAL PLANS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
BOULEVARD SE

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	27-002
CORRECTED:		DATE:	
VERIFIED:		DATE:	

336S Cabinet Input Assignment														
Slot		1	2	3	4	5	6	7	8	9	10	11	12	13	14
Type													DC		DC
Channel 1	C1 Pin	56	39	58	41	55	40	57	42	51		72	67	68	81
	Function	Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph7	Ph8	SE1	EVA	EVB	Ph2 PED	Ph6 PED	FLASH
	Field Term	TB-7 1,2	TB-7 5,6	TB-7 9,10	TB-8 1,2	TB-8 5,6	TB-8 9,10	TB-9 1,2	TB-9 5,6	TB-5 1,2	TB-5 5,6	TB-5 9,10	TB-4 1,2	TB-4 5,6	NC
Channel 2	C1 Pin	47	43	49	45	48	44	50	46	52	73	74	69	70	82
	Function	Ph2 CALL	Ph2	Ph4 CALL	Ph4	Ph6 CALL	Ph6	Ph8 CALL	Ph8	R/R	EVC	EVD	Ph4 PED	Ph8 PED	STOP TIME
	Field Term	TB-7 3,4	TB-7 7,8	TB-7 11,12	TB-8 3,4	TB-8 7,8	TB-8 11,12	TB-9 3,4	TB-9 7,8	TB-5 3,4	TB-5 7,8	TB-5 11,12	TB-4 3,4	TB-4 7,8	NC

LIST OF MATERIALS FOR TRAFFIC SIGNAL INSTALLATION - NO. 1

LOCATION: BOULEVARD SE

CITY OF ATLANTA

QUANTITIES ARE FOR INFORMATION ONLY.
CONTRACTOR SHOULD FIELD VERIFY PRIOR TO ORDERING MATERIALS

LIST OF MATERIALS	UNIT	QUANTITY
LOOP/PED LEAD-IN WIRE (SHIELDED, TWISTED/1000 FT)		
A. 3 PAIR, 14 AWG	REEL	1
SIGNAL CABLE (14 AWG)		
B. 7 CONDUCTOR, PER 1000 FT.	REEL	1
HARDWARE FOR STRAIN POLE, SIDE-OF-POLE MOUNTING, ONE-WAY BRACKET ASSEMBLY	EA	1
PULL BOX, PB-2	EA	1
MISC MATL TO COMPLETE INSTALLATION	LUMP	LS

PAY ITEM	LIST OF MATERIALS	UNIT	QUANTITY
647-1000	TRAFFIC SIGNAL INSTALLATION NO - 1	LUMP	LS
682-6233	CONDUIT, NONMETL, TP 3, 2 IN	LF	140
682-9950	DIRECTIONAL BORE - 5"	LF	70
687-1000	TRAFFIC SIGNAL TIMING	LUMP	LS

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REVISION DATES

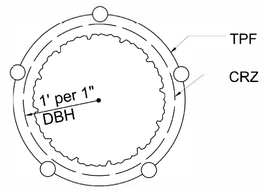
SIGNAL PLANS

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

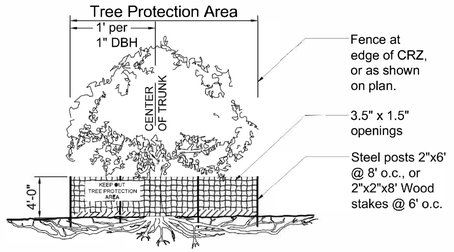
BOULEVARD SE

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		27-003
CORRECTED:		DATE:		
VERIFIED:		DATE:		

NOTE: NO HEAVY EQUIPMENT SHALL BE USED OUTSIDE OF THE ORANGE BARRIER FENCING SHOWN ON THE PLANS. ALL WORK OUTSIDE OF THE ORANGE BARRIER FENCING BUT WITHIN THE PROPERTY LINE SHALL BE COMPLETED WITH THE USE OF HAND TOOLS.



PLAN VIEW



SECTION VIEW

Notes:
1. No construction activity w/in CRZ; including no storing or stacking materials. Under no circumstances should the fence be trenched in.
2. Tree Protection Fence (TPF) shall remain in place and maintained by repair or replacement throughout construction period or until landscape operations dictate adjustment or removal.

THIS DETAIL WAS TAKEN FROM THE CITY OF ATLANTA'S WEBSITE. IT MAY HAVE BEEN MODIFIED AND SHOULD BE REVIEWED THOROUGHLY.

City of Atlanta	STANDARD DETAILS	REV. DATE: ORIG. DATE: JUNE 2017 SCALE: N.T.S.
	TREE PROTECTION–ORANGE PLASTIC FENCE	DETAIL NO. A–3

PRELIMINARY PERMIT PLANS

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES
ENVIRONMENTALLY SENSITIVE AREA

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REVISION DATES

TREE PROTECTION PLANS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

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

DRAWING No.
29-000

COA PUBLIC PROPERTY TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
3432	6	Ailanthus	100	DDH*	
3433	6	Ailanthus	100	DDH*	
3434	4	Northern Red Oak	100	DDH*	
3435	8	Ailanthus	100	DDH*	
3436	9	Water Oak	100	Remove	9
3437	11	Ailanthus	100	DDH*	
3441	4,3,2	Elm	100	DDH*	
3442	4	Ailanthus	100	DDH*	
3443	4	Southern Red Oak	100	Remove	4
3444	20,4,3	Elm	100	Remove	27
3445	9	Black Cherry	100	DDH*	
3446	11	Sweetgum	100	Remove	11
3447	11	Hickory	100	DDH*	
3448	5	Northern Red Oak	100	DDH*	
3449	5	Elm	100	DDH*	
3450	17,17,13,10	Elm	100	DDH*	
3451	5	Southern Red Oak	100	Remove	5
3452	4	Elm	100	Remove	4
3453	9	Sweetgum	100	Remove	9
3454	11	Catalpa	100	DDH*	
3455	9	Catalpa	100	DDH*	
3456	12,6	Catalpa	100	Remove	18
3457	9	Catalpa	100	Remove	9
3459	5	Water Oak	100	Remove	5
3460	21,10,3	Catalpa	100	DDH*	
3461	9	Elm	100	Remove	9
3462	5	Catalpa	100	DDH*	
3463	7	Sweetgum	100	DDH*	
3464	11	Catalpa	100	DDH*	
3465	17	Catalpa	100	DDH*	
3466	6	Elm	100	Remove	6
3467	20	Ailanthus	100	DDH*	
3468	4	Elm	100	DDH*	
3469	4	Catalpa	100	DDH*	
3470	13,7	Catalpa	100	DDH*	
3471	6	Black Cherry	100	DDH*	
3472	5	Elm	100	DDH*	
3473	10	Sweetgum	100	Remove	10
3474	11	Elm	100	Remove	11
3475	15	Catalpa	100	DDH*	
3476	15,2	Catalpa	100	DDH*	
3477	8	Ailanthus	100	DDH*	
3478	12	Catalpa	100	DDH*	
3479	8,2	Elm	100	Remove	10
3480	7	Catalpa	100	DDH*	
3481	13	Ailanthus	100	DDH*	
3482	12	Ailanthus	100	DDH*	
3483	29	Paulownia	100	DDH*	
3484	10	Elm	100	DDH*	
3485	13	Elm	100	DDH*	
3486	4	Water Oak	100	DDH*	
3487	14,5	Catalpa	100	DDH*	
3488	7	Elm	100	Remove	7
3489	11	Elm	100	DDH*	
3490	5	Sweetgum	100	Remove	5
3491	13	Catalpa	100	DDH*	
3492	5	Elm	100	Remove	5
3493	15	Catalpa	100	DDH*	
3494	7	Catalpa	100	DDH*	

COA PUBLIC PROPERTY TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
3495	9	Bradford Pear	100	DDH*	
3496	17	Elm	100	Remove	17
3497	7	Ailanthus	100	DDH*	
3498	4	Southern Red Oak	100	Remove	4
3499	6	Willow Oak	100	Remove	6
3500	8	Ailanthus	100	DDH*	
3501	5	Water Oak	100	DDH*	
3502	18	Elm	100	DDH*	
3503	6	Elm	100	DDH*	
3504	6	Catalpa	100	DDH*	
3505	6,6	Elm	100	Remove	12
3506	11	Ailanthus	100	DDH*	
3507	3	Japanese Honeysuckle	100	DDH*	
3508	19,18	Catalpa	100	Remove	37
3509	12	Ailanthus	100	DDH*	
3510	5	Elm	100	DDH*	
3511	9	Elm	100	Remove	9
3512	6,5,3	Elm	100	DDH*	
3513	8	Elm	100	Remove	8
3514	14	Ailanthus	100	DDH*	
3515	5	Catalpa	100	DDH*	
3516	15	Boxelder	100	DDH*	
3517	22,15	Paulownia	100	DDH*	
3518	11	Ailanthus	100	DDH*	
3519	11	Ailanthus	100	DDH*	
3520	12	Ailanthus	100	DDH*	
3521	14,6	Ailanthus	100	DDH*	
3523	13,7	Ailanthus	100	DDH*	
3524	12	Ailanthus	100	DDH*	
3525	5	Ailanthus	100	DDH*	
3526	9,5	Ailanthus	100	DDH*	
3527	6	Elm	100	Remove	6
3528	12	Ailanthus	100	DDH*	
3529	4	Ailanthus	100	DDH*	
3530	4	Ailanthus	100	DDH*	
3531	12,4	Ailanthus	100	DDH*	
3532	8	Elm	100	Remove	8
3533	7	Ailanthus	100	DDH*	
3534	4	Ailanthus	100	DDH*	
3535	13	Elm	100	DDH*	
3536	6	Catalpa	100	DDH*	
3537	8	Ailanthus	100	DDH*	
3538	5	Ailanthus	100	DDH*	
3539	18	Ailanthus	100	DDH*	
3540	7	Hackberry	100	DDH*	
3541	6	Ailanthus	100	DDH*	
3542	6	Ailanthus	100	DDH*	
3543	18	Paulownia	100	DDH*	
3544	16	Ailanthus	100	DDH*	
3545	12,7	Ailanthus	100	DDH*	
3546	5	Ailanthus	100	DDH*	
3547	8	Boxelder	100	DDH*	
3548	3	Elm	100	Remove	3
3549	4	Hickory	100	DDH*	
3550	5	Ailanthus	100	DDH*	
3551	5	Ailanthus	100	DDH*	
3552	3	Water Oak	100	DDH*	
3553	12	Water Oak	100	DDH*	

COA PUBLIC PROPERTY TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
3554	19,18,16	Catalpa	100	Remove	53
3555	8,8	Sweetgum	100	DDH*	
3556	8	Sweetgum	100	Remove	8
3557	4	Ailanthus	100	DDH*	
3558	8	Sweetgum	100	DDH*	
3559	11	Sweetgum	100	Remove	11
3560	7	Sweetgum	100	Remove	7
3561	5	Ailanthus	100	DDH*	
3562	4	Catalpa	100	DDH*	
3563	14	Elm	100	Remove	14
3564	7	Hickory	100	Remove	7
3565	7	Catalpa	100	DDH*	
3566	7	Ailanthus	100	DDH*	
3567	14,12,5	Sweetgum	100	DDH*	
3568	7	Sweetgum	100	Remove	7
3569	10	Catalpa	100	Remove	10
3570	16	Catalpa	100	Remove	16
3571	5	Water Oak	100	Remove	5
3572	10,10	Catalpa	100	DDH*	
3573	4,3	Boxelder	100	DDH*	
3574	6,3	Boxelder	100	DDH*	
3575	8,5	Boxelder	100	DDH*	
3576	6,4	Catalpa	100	DDH*	
3577	4,3,2	Boxelder	100	DDH*	
3578	14	Sweetgum	100	Remove	14
3579	11,5	Sweetgum	100	DDH*	
3580	5,4	Boxelder	100	DDH*	
3581	18,5	Elm	100	Remove	23
3582	6	Sweetgum	100	DDH*	
3583	4	Catalpa	100	DDH*	
3584	6	Sweetgum	100	DDH*	
3585	5,3	Ailanthus	100	DDH*	
3586	15	Sweetgum	100	Remove	15
3587	16	Catalpa	100	Remove	16
3588	7	Boxelder	100	DDH*	
3589	6,4,3	Boxelder	100	DDH*	
3590	5,5,4,4	Boxelder	100	DDH*	
3591	5	Black Cherry	100	DDH*	
3592	4,4	Ailanthus	100	DDH*	
3595	5	Boxelder	0	Save	
3596	5,4	Boxelder	0	Save	
3597	6,3	Boxelder	0	Save	
3598	8	Boxelder	0	Save	
3599	4,3	Elm	0	Save	
3600	7,6,4	Boxelder	0	Save	
3601	4,2	Boxelder	0	Save	
3602	3	Japanese Honeysuckle	100	DDH*	
3603	7	Ailanthus	100	DDH*	
3604	3	Boxelder	0	Save	
3605	6	Ailanthus	100	DDH*	
3606	3	Ailanthus	100	DDH*	
3607	4	White Mulberry	100	DDH*	
3608	5	Ailanthus	100	DDH*	
3609	5	Boxelder	0	Save	
3610	6	Ailanthus	100	DDH*	
3611	9	Ailanthus	100	DDH*	
3612	4	Hackberry	100	DDH*	
3613	31	Tulip Poplar	100	Remove	31

COA PUBLIC PROPERTY TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
3614	25	Tulip Poplar	100	Remove	25
3615	12	Hackberry	100	Remove	12
3616	8	Ailanthus	100	DDH*	
3617	3	Hackberry	100	DDH*	
3618	28,27	Tulip Poplar	100	Remove	56
3619	6	Hackberry	100	DDH*	
3620	12	Hackberry	100	DDH*	
3621	7	Hackberry	100	Remove	7
3622	8	Ailanthus	100	DDH*	
3623	5	Ailanthus	100	DDH*	
3624	5	Ailanthus	100	DDH*	
3625	3	Catalpa	100	DDH*	
3626	4,3	White Mulberry	100	DDH*	
3627	3	Ailanthus	100	DDH*	
3628	21	Tulip Poplar	100	DDH*	
3629	3	Ailanthus	100	DDH*	
3630	4	Mimosa	100	DDH*	
3631	3,2	Ailanthus	100	DDH*	
3632	4	Ailanthus	N/A	DDH*	
3633	3	Ailanthus	N/A	DDH*	
3634	3	Bradford Pear	N/A	DDH*	
3646	12	Tulip Poplar	33.8	Remove	12
3647	4	Bradford Pear	100	DDH*	
3648	22	Tulip Poplar	100	Remove	22
3649	4,4	Ailanthus	100	DDH*	
3650	3	Boxelder	100	DDH*	
3651	3,2	Boxelder	100	Remove	5
3652	9	Tulip Poplar	100	Remove	9
3653	13	Northern Red Oak	100	Remove	13
3654	4	Bradford Pear	100	DDH*	
3655	5	Ailanthus	100	DDH*	
3656	5	Ailanthus	100	DDH*	
3657	4,2,2,1,1	Boxelder	100	DDH*	
3658	4	Boxelder	100	DDH*	
3659	3	Ailanthus	100	DDH*	
3660	9	Tulip Poplar	100	Remove	9
3670	5	Tulip Poplar	100	Remove	5
3688	4,3,3,3	Hackberry	0	Save	
3689	7	Ailanthus	0	Save	
3690	4,4,3	Chaste Tree	0	Save	
3691	6,5,5	Chaste Tree	5.3	Save	
3692	6,5,5	Chaste Tree	100	Remove	16
3693	5,4,4	Chaste Tree	100	Remove	13
3694	12	Chinese Elm	100	Remove	12
3695	3	Chinese Elm	100	Remove	3
3696	7	Ailanthus	100	DDH*	
3697	3	Boxelder	100	DDH*	
3698	5	Ailanthus	100	DDH*	
3699	3	Ailanthus	100	DDH*	
3700	8	Northern Red Oak	100	Remove	8
3701	9	Northern Red Oak	100	Remove	9
3702	6	Ailanthus	100	DDH*	
3703	4,4	Chinese Elm	100	Remove	8
3704	4	Ailanthus	100	DDH*	
3705	3	Ailanthus	100	DDH*	
3706	6	Tulip Poplar	100	DDH*	
3707	7	Northern Red Oak	100	DDH*	7
3708	4	Ailanthus	100	DDH*	
3709	4	Ailanthus	100	DDH*	

PROPERTY AND EXISTING R/W LINE
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TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

Atlanta BeltLine
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REVISION DATES

TREE PROTECTION PLANS

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

PUBLIC PROPERTY RECOMPENSE

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		29-000A
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

COA PUBLIC PROPERTY TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
3710	4	Ailanthus	100	DDH*	
3711	10,3	Boxelder	100	DDH*	
3712	7,4	Boxelder	100	DDH*	
3713	11,6,4	Sycamore	32.9	DDH*	
3715	9,6	Boxelder	100	DDH*	
3716	5	Ailanthus	100	DDH*	
3717	3	Boxelder	100	DDH*	
3718	6,6,3	Boxelder	100	DDH*	
3719	4	Hackberry	100	Remove	4
3720	5	Paulownia	100	DDH*	
3721	6	Paulownia	100	DDH*	
3722	5	Paulownia	100	DDH*	
3723	4	Hackberry	100	DDH*	
3724	3	Ailanthus	100	DDH*	
3725	4	Ailanthus	100	DDH*	
3726	5	Ailanthus	100	DDH*	
3727	5	Boxelder	100	DDH*	
3728	5,4	Ailanthus	100	DDH*	
3729	6	Ailanthus	100	DDH*	
3730	7	Ailanthus	100	DDH*	
3731	8,5	Ailanthus	100	DDH*	
3732	8	Ailanthus	100	DDH*	
3733	7	Ailanthus	100	DDH*	
3734	4	Black Cherry	100	DDH*	
3735	8,6	Water Oak	100	DDH*	
3736	3,1	Boxelder	100	DDH*	
3737	9	Hackberry	100	DDH*	
3738	5	Sassafras	100	DDH*	
3739	4	Sassafras	100	DDH*	
3740	10,10,10,9,8,3	Hackberry	100	DDH*	
3741	4	Hackberry	100	DDH*	
3742	5,5	Water Oak	100	DDH*	
3743	4	Water Oak	100	DDH*	
3744	10	Hackberry	100	DDH*	
3745	5	Ailanthus	100	DDH*	
3746	12,6(est.)	Hackberry	100	DDH*	
3747	7	Water Oak	100	DDH*	
3748	16	Mimosa	100	DDH*	
3749	22	Water Oak	100	Remove	22
3750	4	Black Cherry	100	DDH*	
3751	10	Ailanthus	100	DDH*	
3752	14	Ailanthus	100	DDH*	
3753	4	Black Cherry	100	Remove	4
3754	4,2	Sassafras	100	DDH*	
3755	15	Hackberry	100	DDH*	
3756	7	Black Cherry	100	DDH*	
3757	6	Black Cherry	100	DDH*	
3758	15,3	Water Oak	100	Remove	18
3763	4,4	Chinese Privet	100	DDH*	
3764	4	Boxelder	100	DDH*	
3765	4	Sassafras	100	DDH*	
3766	10	Black Cherry	100	DDH*	
3767	15	Ailanthus	100	DDH*	
3768	7	Hackberry	100	Remove	7
3769	5,4,2	Hackberry	100	DDH*	
3770	6	Sassafras	100	DDH*	
3771	7	Boxelder	100	Remove	7
3772	9	Water Oak	100	Remove	9

COA PUBLIC PROPERTY TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
3773	3	Hackberry	100	DDH*	
3774	15	Bradford Pear	100	DDH*	
3775	4	Chinese Privet	100	DDH*	
3776	16,14,5 (est.)	Paulownia	100	DDH*	
3777	3	Black Cherry	100	Remove	3
3778	8	Black Cherry	100	Remove	8
3779	9	Boxelder	100	Remove	9
3780	6	Hackberry	100	DDH*	
3781	4	Boxelder	100	DDH*	
3782	7	Black Cherry	100	Remove	7
3783	18	Ailanthus	100	DDH*	
3784	8,8,8,7,7,6	Ailanthus	100	DDH*	
3785	4	Boxelder	100	Remove	4
3786	5	Red Maple	100	Remove	5
3787	25	Water Oak	100	Remove	25
3788	9,5	Ailanthus	100	DDH*	
3789	8	Black Cherry	100	Remove	8
3790	6	Black Cherry	100	Remove	6
3791	9	Ailanthus	100	DDH*	
3792	3	Boxelder	100	DDH*	
3793	3	Black Cherry	100	DDH*	
3794	9	Ailanthus	100	DDH*	
3795	3	Ailanthus	100	DDH*	
3796	5	Water Oak	100	Remove	5
3797	7	Sassafras	100	Remove	7
3798	13,9	Ailanthus	100	DDH*	
3799	3,3,3	Elaeagnus	100	DDH*	
3800	9	Ailanthus	100	DDH*	
3801	3	Water Oak	100	Remove	3
3802	6,3	Ailanthus	100	DDH*	
3803	3	Hackberry	100	DDH*	
3804	16,4	Ailanthus	100	DDH*	
3805	6	Boxelder	100	DDH*	
3806	5	Black Cherry	100	DDH*	
3807	5	Boxelder	100	DDH*	
3808	7	Hickory	100	Remove	7
3809	12	Ailanthus	100	DDH*	
3810	11,11	Ailanthus	100	DDH*	
3811	5	Boxelder	100	DDH*	
3812	4	Boxelder	100	DDH*	
3813	9	Sweetgum	100	Remove	9
3814	18	Boxelder	100	Remove	18
3815	6	Sweetgum	100	Remove	6
3816	5	Boxelder	100	DDH*	
3817	6	Boxelder	100	DDH*	
3818	4	Boxelder	100	DDH*	
3819	7	Boxelder	100	Remove	7
3820	13	Sycamore	100	DDH*	
3821	10,3,3	Boxelder	100	Remove	16
3822	3	Boxelder	100	DDH*	
3823	16(est.)	Ailanthus	100	DDH*	
3824	8	Ailanthus	100	DDH*	
3825	3	Elm	100	DDH*	
3826	15(est.)	Holly	0	Save	
3827	14	Ailanthus	100	DDH*	
3828	9	Ailanthus	100	DDH*	
3829	7	Boxelder	100	Remove	7
3830	12	Ailanthus	100	DDH*	

COA PUBLIC PROPERTY TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
3831	7	Ailanthus	100	DDH*	
3832	9,5,4	Ailanthus	100	DDH*	
3833	8,6	Ailanthus	100	DDH*	
3834	6	Boxelder	100	DDH*	
3835	13	Mimosa	100	DDH*	
3836	11	Ailanthus	100	DDH*	
3837	5	Hackberry	100	DDH*	
3838	4,1	Boxelder	100	DDH*	
3839	5	Hackberry	100	DDH*	
3840	5,3	Boxelder	100	DDH*	
3841	13	Sweetgum	100	Remove	13
3842	5	Sweetgum	100	DDH*	
3843	16	Hickory	100	Remove	16
3844	9(est.)	Boxelder	100	DDH*	
3845	5,4	Cherry Laurel	100	DDH*	
3846	23	Sweetgum	100	Remove	23
3847	4	Cherry Laurel	100	DDH*	
3848	18	Sweetgum	100	Remove	18
3849	25	Tulip Poplar	100	Remove	25
3850	24,17(est.)	White Mulberry	100	DDH*	
3851	3,1	Boxelder	100	DDH*	
3852	7	Redbud	100	DDH*	
3853	5,4	Redbud	100	DDH*	
3854	10	Redbud	100	DDH*	
3855	9	Redbud	100	DDH*	
3856	4,3(est.)	Mimosa	0	Save	
3857	4(est.)	Mimosa	0	Save	
3858	5	Ailanthus	100	DDH*	
3859	8	Boxelder	100	DDH*	
3860	5	Ailanthus	100	DDH*	
3861	3	Ailanthus	100	DDH*	
3862	4	Ailanthus	100	DDH*	
3863	5,4	Boxelder	100	DDH*	
3864	3,3	Boxelder	100	DDH*	
3865	4,4,2	Boxelder	100	DDH*	
3868	4	Ailanthus	100	DDH*	
3870	4,3	Ailanthus	100	DDH*	
3871	3	Boxelder	100	DDH*	
3872	6	Boxelder	100	DDH*	
3873	5	Boxelder	100	DDH*	
3874	4	Boxelder	100	DDH*	
3875	4,3	Boxelder	100	DDH*	
3876	5,4	Ailanthus	100	DDH*	
3877	5,2,2	Boxelder	100	DDH*	
3878	4,3,2	Boxelder	100	DDH*	
3879	3	White Mulberry	100	DDH*	
3880	5	Hackberry	100	DDH*	
3881	3	Cherry Laurel	100	DDH*	
3882	8,7	Boxelder	100	DDH*	
3883	18,13	Tulip Poplar	100	Remove	31
3884	5	Boxelder	100	DDH*	
3885	11,9	Hickory	100	DDH*	
3886	28,3	Tulip Poplar	100	Remove	31
3887	10,8(est.)	Black Cherry	100	DDH*	
3894	15,12,5,5	Hackberry	100	Remove	37
3895	25	Tulip Poplar	100	Remove	25
3896	11	Boxelder	100	DDH*	
3897	28	Tulip Poplar	100	Remove	28
3898	6	Ailanthus	100	DDH*	

COA PUBLIC PROPERTY TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
3899	22	Tulip Poplar	100	Remove	22
3900	3	Elm	100	DDH*	
3901	7	Tulip Poplar	100	DDH*	
3902	12,11	Ailanthus	100	DDH*	
3903	6	Tulip Poplar	100	DDH*	
3904	5	Boxelder	100	DDH*	
3905	3	Boxelder	100	DDH*	
3906	9	Tulip Poplar	100	DDH*	
3907	17,17,6	Tulip Poplar	100	Remove	40
3908	4	Ailanthus	100	DDH*	
3909	22,14	Paulownia	100	DDH*	
3910	12	Pecan	100	Remove	12
3911	10	Black Cherry	100	DDH*	
3912	3	Boxelder	100	DDH*	
3913	10	Hickory	100	DDH*	
3914	4	Silver Maple	100	DDH*	
3915	16	Silver Maple	100	DDH*	
3916	18,18,7,7,6,5	Silver Maple	100	DDH*	
3917	4	Silver Maple	100	Remove	4
3918	15	Silver Maple	100	DDH*	
3919	25,14	Tulip Poplar	100	DDH*	
3920	5	White Mulberry	100	DDH*	
3921	4	Boxelder	100	DDH*	
3922	4	Boxelder	100	DDH*	
3923	12	Paulownia	100	DDH*	
3924	3	White Mulberry	100	DDH*	
3925	5	Hackberry	100	Remove	5
3926	8	Tulip Poplar	100	DDH*	
3927	20,5	Tulip Poplar	100	Remove	25
3928	9,4	Ailanthus	100	DDH*	
3929	5	Bradford Pear	100	DDH*	
3930	13	Hickory	100	Remove	13
3931	17	Tulip Poplar	100	Remove	17
3932	15	Ailanthus	100	DDH*	
3933	5	Tulip Poplar	100	DDH*	
3934	28,10	Tulip Poplar	100	Remove	38
3935	10	Tulip Poplar	100	DDH*	
3936	15	Black Cherry	100	DDH*	
3937	21	Tulip Poplar	100	DDH*	
3938	12,9	Tulip Poplar	100	DDH*	
3939	7	Tulip Poplar	100	DDH*	
3940	20	Tulip Poplar	100	Remove	20
3941	15	Tulip Poplar	100	Remove	15
3942	16	Ailanthus	100	DDH*	
3943	7	Tulip Poplar	100	Remove	7
3944	14,6	Sweetgum	100	Remove	20
3945	10	Black Cherry	100	DDH*	
3946	13,12	Paulownia	100	DDH*	
3947	9	Hackberry	100	Remove	9
3948	17,16	Tulip Poplar	100	Remove	33
3949	5	Tulip Poplar	100	DDH*	
3950	17	Hackberry	100	DDH*	
3951	11	Boxelder	100	DDH*	
3952	13,9	Sassafras	100	DDH*	
3953	17	Sassafras	100	DDH*	
3954	5	Boxelder	100	DDH*	
3955	4	Ailanthus	100	DDH*	
3956	19	Tulip Poplar	100	Remove	19

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
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REVISION DATES

TREE PROTECTION PLANS

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

PUBLIC PROPERTY RECOMPENSE

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

DRAWING No. 29-000B

10/23/2015 GPLN

COA PUBLIC PROPERTY TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
3957	6	Ailanthus	100	DDH*	
3958	5	Ailanthus	100	DDH*	
3959	6	Sassafras	100	DDH*	
3960	4	Tulip Poplar	100	DDH*	
3961	6	Sassafras	100	DDH*	
3962	6	Sassafras	100	DDH*	
3963	19,18,17,10	Tulip Poplar	100	Remove	64
3964	9	Honey Locust	100	DDH*	
3965	3	Hackberry	100	Remove	3
3966	12	Black Cherry	100	DDH*	
3967	6	Tulip Poplar	100	DDH*	
3968	4	Ailanthus	100	DDH*	
3969	5	Ailanthus	100	DDH*	
3970	12	Ailanthus	100	DDH*	
3971	12	Ailanthus	100	DDH*	
3972	13	Ailanthus	100	DDH*	
3973	5	Sweetgum	100	Remove	5
3974	16	Southern Red Oak	100	Remove	16
3975	4	Boxelder	100	DDH*	
3976	12	Sweetgum	100	Remove	12
3977	10	Water Oak	100	Remove	10
3978	7,6,6	Persimmon	100	Remove	19
3979	4	Persimmon	100	Remove	4
3980	11	Hackberry	100	DDH*	
3981	8,8	Black Cherry	100	DDH*	
3982	7	Ailanthus	100	DDH*	
3983	20	Tulip Poplar	100	Remove	20
3984	3	Elm	100	Remove	3
3985	7	Sassafras	100	Remove	7
3986	11,7	Tulip Poplar	100	Remove	18
3987	9	Sassafras	100	DDH*	
3988	17	Tulip Poplar	100	Remove	17
3989	3	Sweetgum	100	Remove	3
3990	7	Sweetgum	100	Remove	7
3991	11	Sassafras	100	DDH*	
3992	27	Tulip Poplar	100	Remove	27
3993	5	Sweetgum	100	DDH*	
3994	4	Elm	100	Remove	4
3995	4,3,2	Tulip Poplar	100	DDH*	
3996	6	Elm	100	DDH*	
3997	8	Tulip Poplar	100	DDH*	
3998	15	Tulip Poplar	100	Remove	15
3999	8,3	Elm	100	Remove	11
4000	5	Ailanthus	100	DDH*	
4001	6,5	Ailanthus	100	DDH*	
4002	22,22	Northern Red Oak	100	Remove	44
4003	11	Sweetgum	100	Remove	11
4004	16	Sweetgum	100	Remove	16
4005	11	Tulip Poplar	100	Remove	11
4006	6	Tulip Poplar	100	Remove	6
4007	6	Ailanthus	100	DDH*	
4008	9	Ailanthus	100	DDH*	
4009	3	Hickory	100	Remove	3
4010	5,3	White Oak	100	Remove	8
4011	9	Tulip Poplar	100	Remove	9
4012	3	Sweetgum	100	DDH*	
4013	11	Tulip Poplar	100	DDH*	
4014	21,16	Tulip Poplar	100	Remove	37
4015	8	Sweetgum	100	Remove	8

COA PUBLIC PROPERTY TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
4016	14	Tulip Poplar	100	Remove	14
4017	12	Tulip Poplar	100	Remove	12
4018	20	Tulip Poplar	100	Remove	20
4019	6	Ailanthus	100	DDH*	
4020	3	Ailanthus	100	DDH*	
4021	20,17	Tulip Poplar	100	DDH*	
4022	14	Tulip Poplar	100	Remove	14
4023	14	Tulip Poplar	100	Remove	14
4024	3	Elm	100	DDH*	
4025	20	Tulip Poplar	100	Remove	20
4026	12	Tulip Poplar	100	Remove	12
4027	10,4	Tulip Poplar	100	Remove	14
4028	8	Sassafras	100	Remove	8
4029	15	Tulip Poplar	100	Remove	15
4030	9	Ailanthus	100	DDH*	
4031	13	Tulip Poplar	100	Remove	13
4032	9,9,5	Water Oak	100	Remove	23
4033	12	Water Oak	100	Remove	12
4034	8,8	Water Oak	100	DDH*	
4035	14,12	Water Oak	100	Remove	26
4036	8	Black Cherry	100	DDH*	
4037	7	Tulip Poplar	100	Remove	7
4038	14	Sweetgum	100	Remove	14
4039	3	Sweetgum	100	DDH*	
4040	5	Tulip Poplar	100	DDH*	
4041	13	Tulip Poplar	100	Remove	13
4042	8	Sweetgum	100	Remove	8
4043	21,3	Tulip Poplar	100	Remove	24
4044	20	Water Oak	100	Remove	20
4045	6	Sweetgum	100	DDH*	
4046	7	Tulip Poplar	100	DDH*	
4047	9	Tulip Poplar	100	DDH*	
4048	12	Black Cherry	100	DDH*	
4049	5	Tulip Poplar	100	Remove	5
4050	16	Water Oak	100	DDH*	
4051	8	Water Oak	100	DDH*	
4052	8	Sweetgum	100	Remove	8
4053	17	Tulip Poplar	100	Remove	17
4054	15	Water Oak	100	Remove	15
4055	9	Tulip Poplar	100	Remove	9
4056	7	Tulip Poplar	100	DDH*	
4066	17,13,4	Water Oak	100	Remove	34
4067	9	Water Oak	100	Remove	9
4068	8	Ailanthus	100	DDH*	
4069	8,8(est.)	Hackberry	100	DDH*	
4070	9,7	Black Cherry	100	Remove	16
4071	18,3	Water Oak	100	Remove	21
4072	7	Sassafras	100	Remove	7
4073	4	Sassafras	100	Remove	4
4074	4	Sassafras	100	Remove	4
4075	4	Sassafras	100	DDH*	
4076	9	Sassafras	100	Remove	9
4077	8	Water Oak	100	Remove	8
4078	11	Sassafras	100	Remove	11
4079	3	Sassafras	100	Remove	3
4080	4	Sassafras	100	Remove	4
4081	3,3,3,3	Sassafras	100	DDH*	
4082	5,4	Sassafras	100	DDH*	
4083	6	Sassafras	100	DDH*	

COA PUBLIC PROPERTY TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
4084	4	Ailanthus	100	DDH*	
4085	8	White Oak	100	Remove	8
4086	8	Ailanthus	100	DDH*	
4087	3	Sassafras	100	DDH*	
4088	8,7	Ailanthus	100	DDH*	
4089	7	Ailanthus	100	DDH*	
4090	4	Ailanthus	100	DDH*	
4091	6	Ailanthus	100	DDH*	
4092	9,8	Ailanthus	100	DDH*	
4093	9	Ailanthus	100	DDH*	
4094	7,7,6,6	Ailanthus	100	DDH*	
4095	8,5	Ailanthus	100	DDH*	
4096	6	Ailanthus	100	DDH*	
4097	5,4	Ailanthus	100	DDH*	
4098	10	Ailanthus	100	DDH*	
4099	10,7	Ailanthus	100	DDH*	
4100	11	Ailanthus	100	DDH*	
4101	11,7	Ailanthus	100	DDH*	
4102	4	Sassafras	100	DDH*	
4103	12	Tulip Poplar	100	Remove	12
4104	9,5	Black Cherry	100	DDH*	
4105	5	Tulip Poplar	100	Remove	5
4106	9	Tulip Poplar	100	Remove	9
4107	27	Tulip Poplar	100	Remove	27
4108	5	Tulip Poplar	100	DDH*	
4109	7,4	White Oak	100	Remove	11
4110	7,6	Black Cherry	100	DDH*	
4117	8	Sweetgum	100	Remove	8
4132	14	Tulip Poplar	100	DDH*	
4133	8	Black Cherry	100	DDH*	
4134	4	Sweetgum	100	Remove	4
4135	4	Sweetgum	100	DDH*	
4136	7	Southern Red Oak	100	DDH*	
4137	8	Tulip Poplar	100	Remove	8
4138	3	Water Oak	100	DDH*	
4139	6,5,4	Elm	100	DDH*	
4140	3	Redbud	100	Remove	3
4141	7,6	Redbud	100	Remove	13
4142	7	Redbud	100	Remove	7
4143	10,8,6	Redbud	100	DDH*	
4144	8	Redbud	100	Remove	8
4145	11	Redbud	100	Remove	11
4146	5	White Mulberry	100	DDH*	
4147	9,3	White Mulberry	100	DDH*	
4148	5	White Mulberry	100	DDH*	
4149	8	White Mulberry	100	DDH*	
4150	5	White Mulberry	100	DDH*	
4151	5,5	Ailanthus	100	DDH*	
4152	5	Ailanthus	100	DDH*	
4153	45	Tulip Poplar	100	Remove	45
4154	9	Ailanthus	100	DDH*	
4155	6	Ailanthus	100	DDH*	
4156	6	Ailanthus	100	DDH*	
4157	7,3	Boxelder	100	DDH*	
4158	5	Ailanthus	100	DDH*	
4159	5	Ailanthus	100	DDH*	
4160	6	Ailanthus	100	DDH*	
4161	8	Ailanthus	100	DDH*	
4162	8,4	Ailanthus	100	DDH*	

COA PUBLIC PROPERTY TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
4163	9	Ailanthus	100	DDH*	
4164	6	Boxelder	100	DDH*	
4165	7	Ailanthus	100	DDH*	
4166	7,6	Ailanthus	100	DDH*	
4167	3	Elm	100	DDH*	
4168	7	Ailanthus	100	DDH*	
4169	3	Ailanthus	100	DDH*	
4170	7	Ailanthus	100	DDH*	
4171	5	White Mulberry	100	DDH*	
4172	5	Ailanthus	100	DDH*	
4173	6	Ailanthus	100	DDH*	
4174	14	Ailanthus	100	DDH*	
4175	11,6	Ailanthus	100	DDH*	
4176	4	Ailanthus	100	DDH*	
4177	15	Ailanthus	100	DDH*	
4178	10	Ailanthus	100	DDH*	
4179	7	Ailanthus	100	DDH*	
4180	33	Water Oak	100	Remove	33
4181	4	Ailanthus	100	DDH*	
4182	25,25	Water Oak	100	DDH*	
4183	4,3	White Mulberry	100	DDH*	
4184	3	White Mulberry	100	DDH*	
4185	4	White Mulberry	100	DDH*	
4186	6	Ailanthus	100	DDH*	
4187	4	White Mulberry	100	DDH*	
4188	3	Ailanthus	100	DDH*	
4189	6,3	Ailanthus	100	DDH*	
4190	3	Ailanthus	100	DDH*	
4191	36	Tulip Poplar	100	Remove	36
4192	6	Ailanthus	100	DDH*	
4193	9	Ailanthus	100	DDH*	
4194	6	Ailanthus	100	DDH*	
4195	5(est.)	Sycamore	100	Remove	5
4196	3	Boxelder	100	DDH*	
4197	5	Ailanthus	100	DDH*	
4198	5	Ailanthus	100	DDH*	
4199	5,5,5,5,3,3,3	Ailanthus	100	DDH*	
4200	3	Ailanthus	100	DDH*	
4201	15,7,5,4,4	Ailanthus	100	DDH*	
4202	7	Ailanthus	100	DDH*	
4203	9	Ailanthus	100	DDH*	
4204	6	Ailanthus	100	DDH*	
4205	3	Ailanthus	100	DDH*	
4206	4(est.)	White Mulberry	100	DDH*	
4207	5	Ailanthus	100	DDH*	
4208	5	Ailanthus	100	DDH*	
4209	7,6,6	Ailanthus	100	DDH*	
4210	22,5,4,3	Ailanthus	100	DDH*	
4211	8	Sweetgum	100	DDH*	
4212	6,6,5,5,4	Ailanthus	100	DDH*	
4213	32	Sweetgum	100	Remove	32
4214	5,4	Ailanthus	100	DDH*	
4215	6	Ailanthus	100	DDH*	
4216	8	Ailanthus	100	DDH*	
4217	3	Ailanthus	100	DDH*	
4218	6	Ailanthus	100	DDH*	
4219	6	Sassafras	100	DDH*	
4220	11	Ailanthus	100	DDH*	
4221	4	Ailanthus	100	DDH*	

PROPERTY AND EXISTING R/W LINE —— PL ——
REQUIRED R/W LINE
CONSTRUCTION LIMITS —— C —— F ——
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

Atlanta BeltLine
ATLANTA BELTLINE, INC.
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REVISION DATES

TREE PROTECTION PLANS

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

PUBLIC PROPERTY RECOMPENSE

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

DRAWING No. 29-000C

COA PUBLIC PROPERTY TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
4222	15	Sassafras	100	DDH*	
4223	8	Ailanthus	100	DDH*	
4224	5	Sassafras	100	DDH*	
4225	5,3	White Mulberry	100	DDH*	
4226	4	White Mulberry	100	DDH*	
4227	3	White Mulberry	100	DDH*	
4228	5(est.)	Boxelder	0	Save	
4229	9	Sassafras	100	Remove	9
4230	8	Sassafras	100	DDH*	
4231	5,4	Sassafras	100	DDH*	
4232	8,5	Sassafras	100	DDH*	
4233	4	Sassafras	100	DDH*	
4234	5	Sassafras	100	Remove	5
4235	3	Sassafras	100	DDH*	
4236	5	Sassafras	0	Save	
4237	3	Sassafras	0	Save	
4238	6	Sassafras	0	Save	
4239	9,8(est.)	Sassafras	100	DDH*	
4240	14	Sassafras	23.7	DDH*	
4241	4	Sassafras	0	Save	
4242	6	Sassafras	0	Save	
4243	11	Sassafras	3.5	Save	
4244	6,3	Sassafras	0	Save	
4245	20	Red Maple	0	Save	
4246	7	Sassafras	0	Save	
4247	11	Ailanthus	N/A	DDH*	
4248	4,3	White Mulberry	N/A	DDH*	
4249	5	White Mulberry	N/A	DDH*	
4250	3	White Mulberry	N/A	DDH*	
4251	4	Hackberry	0	Save	
4252	5,3	Ailanthus	N/A	DDH*	
4253	8	Ailanthus	N/A	DDH*	
4254	3	Sassafras	0	Save	
4255	6	Ailanthus	N/A	DDH*	
4256	8	Ailanthus	N/A	DDH*	
4257	5	Boxelder	0	Save	
4258	4(est.)	White Mulberry	N/A	DDH*	
4259	3(est.)	White Mulberry	N/A	DDH*	
4260	3,3	Sassafras	0	Save	
4261	5	Ailanthus	N/A	DDH*	
4262	28	Water Oak	7	Save	
4263	6	Hackberry	0	Save	
4264	26,26,24	Paulownia	N/A	DDH*	
4265	6	Ailanthus	N/A	DDH*	
4266	6	Hackberry	0	Save	
4267	6	Ailanthus	N/A	DDH*	
4268	4	White Mulberry	N/A	DDH*	
4269	5	Ailanthus	N/A	DDH*	
4270	8	Ailanthus	N/A	DDH*	
4271	4,4	Sassafras	0	Save	
4272	6	White Mulberry	N/A	DDH*	
4273	3	Mimosa	N/A	DDH*	
4274	10,8	White Mulberry	N/A	DDH*	
4275	34	Water Oak	15.7	Save	
4276	3	White Mulberry	N/A	DDH*	
4277	3	White Mulberry	N/A	DDH*	
4278	5(est.)	White Mulberry	0	Save	
4279	3	White Mulberry	N/A	DDH*	

COA PUBLIC PROPERTY TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
4280	4	Black Locust	0	Save	
4281	3	White Mulberry	N/A	DDH*	
4282	6	Hackberry	0	Save	
4283	15,6	Tulip Poplar	100	Remove	21
4284	5	White Oak	100	Remove	5
4285	3	Water Oak	100	DDH*	
4286	15	Southern Red Oak	100	Remove	15
4287	3	Tulip Poplar	100	Remove	3
4288	3	Water Oak	100	DDH*	
4289	6	Black Cherry	100	DDH*	
4290	10	Black Cherry	100	Remove	10
4291	9,9	Black Cherry	100	DDH*	
4292	7	Pecan	100	DDH*	
4293	11,9	Water Oak	100	Remove	20
4294	14	Pecan	100	Remove	14
4295	6	Sassafras	100	Remove	6
4296	8	Sassafras	100	Remove	8
4297	7,4	Sassafras	100	Remove	11
4298	4	Sassafras	100	Remove	4
4299	4	Water Oak	100	Remove	4
4300	3	Hickory	100	Remove	3
4301	9,6	Black Cherry	100	DDH*	
4302	3	Hickory	100	DDH*	
4303	9	Black Cherry	100	Remove	9
4304	8	Black Cherry	100	DDH*	
4305	3	Sassafras	100	DDH*	
4306	3	Water Oak	100	Remove	3
4307	4	Sassafras	100	Remove	4
4308	12	Water Oak	100	DDH*	
4309	7,4	Sassafras	100	Remove	11
4310	16	Water Oak	100	Remove	16
4311	13	Water Oak	100	Remove	13
4312	5	Winged Elm	100	DDH*	
4313	21	Water Oak	100	Remove	21
4314	4	Hickory	100	Remove	4
4315	9	Water Oak	100	Remove	9
4316	28,25	Water Oak	100	Remove	53
4317	14	Hackberry	100	DDH*	
4318	8	Elm	100	DDH*	
4319	11	Sweetgum	100	Remove	11
4320	21	Sweetgum	100	Remove	21
4321	6	Hackberry	100	Remove	6
4322	9	Black Locust	100	Remove	9
4323	6	Black Locust	100	Remove	6
4324	5	Ailanthus	100	DDH*	
4325	11	Ailanthus	100	DDH*	
4326	3	Ailanthus	100	DDH*	
4327	3	Ailanthus	100	DDH*	
4328	3	Ailanthus	100	DDH*	
4329	13	Black Locust	100	DDH*	
4330	7	Water Oak	100	Remove	7
4331	11	Water Oak	100	Remove	11
4332	19	Water Oak	100	Remove	19
4333	8	Water Oak	100	DDH*	
4334	6	Ailanthus	100	DDH*	
4335	3	Hackberry	100	Remove	3
4336	7	Ailanthus	100	DDH*	
4337	9,5	Sassafras	100	DDH*	
4338	12	Black Cherry	100	DDH*	

COA PUBLIC PROPERTY TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
4339	5	Boxelder	100	DDH*	
4340	5	Black Locust	100	DDH*	
4341	19	Water Oak	100	Remove	19
4342	4	Sassafras	100	DDH*	
4343	13	Black Locust	100	DDH*	
4344	14	Black Locust	100	DDH*	
4345	4	Sassafras	100	DDH*	
4346	4	Sassafras	100	DDH*	
4347	4	Cherry Laurel	100	DDH*	
4348	5	Sassafras	100	Remove	5
4349	5	Sassafras	100	Remove	5
4350	4	Sassafras	100	DDH*	
4351	5	Sassafras	100	DDH*	
4352	3	Sassafras	100	DDH*	
4353	6	Water Oak	100	Remove	6
4354	23,18	Tulip Poplar	100	Remove	41
4355	8	Ailanthus	100	DDH*	
4356	4	Sassafras	100	DDH*	
4357	3	Sassafras	100	Remove	3
4358	4	Sassafras	100	Remove	4
4359	5	Sassafras	100	Remove	5
4360	3	Sassafras	100	Remove	3
4361	7	Black Locust	100	DDH*	
4362	5	Sassafras	100	Remove	5
4363	5	Sassafras	100	Remove	5
4364	7,7	Sassafras	100	DDH*	
4365	8	Sassafras	100	Remove	8
4367	6	Water Oak	100	Remove	6
4368	18	Water Oak	100	Remove	18
4369	22	Loblolly Pine	100	Remove	22
4370	21	Water Oak	100	Remove	21
4371	9	Sweetgum	100	Remove	9
4372	8	Water Oak	100	DDH*	
4373	16	Water Oak	100	Remove	16
4374	17	Water Oak	100	Remove	17
4375	6,4	Water Oak	100	DDH*	
4376	8,7	Ailanthus	100	DDH*	
4377	15	Sweetgum	100	Remove	15
4378	6	Water Oak	100	DDH*	
4379	18,12	Loblolly Pine	100	Remove	30
4380	10	Persimmon	100	Remove	10
4381	19	Loblolly Pine	100	Remove	19
4382	6	Water Oak	100	Remove	6
4383	6,5	Water Oak	100	DDH*	
4384	18	Water Oak	100	Remove	18
4385	7	Black Cherry	100	DDH*	
4386	6,4	Chinese Privet	100	DDH*	
4387	27	Black Cherry	100	Remove	27
4388	8	Ailanthus	100	DDH*	
4389	4	Black Locust	100	DDH*	
4390	12	Water Oak	100	Remove	12
4391	7	Sassafras	100	DDH*	
4392	19	Sweetgum	100	Remove	19
4393	5	Water Oak	100	DDH*	
4394	5	Sassafras	100	DDH*	
4397	5	Sassafras	100	Remove	5
4398	19	Ailanthus	100	DDH*	
4401	4	Cherry Laurel	100	DDH*	
4402	30	Tulip Poplar	100	Remove	30

COA PUBLIC PROPERTY TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
4403	13	Black Cherry	100	Remove	13
4404	5	Cherry Laurel	100	DDH*	
4405	17	Water Oak	100	DDH*	
4406	3	Cherry Laurel	100	DDH*	
4407	25	Water Oak	100	Remove	25
4408	17	Water Oak	100	Remove	17
4409	22,21	Water Oak	100	Remove	43
4410	35	Water Oak	100	Remove	35
4411	6	Pecan	100	Remove	6
4412	12	White Oak	100	Remove	12
4413	15	Pecan	100	Remove	15
4414	25	Tulip Poplar	100	Remove	25
4415	10	Water Oak	100	DDH*	
4416	4	Sweetgum	100	DDH*	
4417	45	Water Oak	100	Remove	45
4418	27	Water Oak	100	Remove	27
4419	21	Water Oak	100	Remove	21
4420	22	Water Oak	100	Remove	22
4421	35	Water Oak	100	Remove	35
4422	21	Black Cherry	100	DDH*	
4423	27	Water Oak	100	Remove	27
4424	11	Water Oak	100	Remove	11
4425	24,9	Loblolly Pine	100	DDH*	
4426	21	Water Oak	100	Remove	21
4427	40	Water Oak	100	Remove	40
4428	15,4	Water Oak	100	Remove	19
4429	4	Ailanthus	100	DDH*	
4430	10,9	Black Cherry	100	DDH*	
4431	8	Water Oak	100	DDH*	
4432	27	Water Oak	100	Remove	27
4433	13	Water Oak	100	Remove	13
4434	30	Water Oak	100	DDH*	
4435	4	Red Maple	100	Remove	4
4436	30	Water Oak	100	Remove	30
4437	21	Red Maple	100	DDH*	
4438	3	Boxelder	0	Save	
4439	4,3,3,3	Ailanthus	N/A	DDH*	
4440	4	Black Locust	0	Save	
4441	4,3,2,2	Ailanthus	N/A	DDH*	
4442	4	Boxelder	0	Save	
4443	7,3	Boxelder	0	Save	
4444	3	Boxelder	0	Save	
4445	4,4,3,3,2	Boxelder	100	DDH*	
4446	8,5	Boxelder	100	DDH*	
4447	7,4	Boxelder	100	DDH*	
4448	5,4,4,3	Boxelder	100	DDH*	
4449	7,5	Boxelder	100	DDH*	
4450	9	Silver Maple	100	Remove	9
4451	3,2,2,2	Boxelder	100	DDH*	
4452	5,4	Boxelder	100	DDH*	
4453	4,2,2	Boxelder	100	DDH*	
4454	6,5,4,4,3,3	Boxelder	100	DDH*	
4455	5	Boxelder	100	Remove	5
4456	4	Boxelder	100	DDH*	
4457	7,5,4,2	Boxelder	100	DDH*	
4460	3	Ash	0	Save	
4468	6	Hackberry	0	Save	
4548	4	Boxelder	0	Save	
4549	11	Ailanthus	N/A	DDH*	

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

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REVISION DATES

TREE PROTECTION PLANS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
PUBLIC PROPERTY RECOMPENSE

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

DRAWING No. 29-000D

10/23/2015 GPLN

COA PUBLIC PROPERTY TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
4550	6	Hackberry	100	DDH*	
4551	13	Water Oak	19.1	Save	
4552	4	Hackberry	100	DDH*	
4553	5	Boxelder	100	DDH*	
4554	15	Ailanthus	100	DDH*	
4556	8	Basswood	0	Save	
4557	9	Ailanthus	100	DDH*	
4561	40	Water Oak	42	Remove	40
4562	33	Tulip Poplar	30.6	Remove	33
4563	11	Water Oak	13.9	Save	
4564	23	Tulip Poplar	0	Save	
4565	16	Tulip Poplar	0	Save	
4566	19	Tulip Poplar	0	Save	
4567	16	Tulip Poplar	0	Save	
4568	17	Tulip Poplar	0	Save	
4569	3	Cherry Laurel	N/A	DDH*	
4570	14	Tulip Poplar	0	Save	
4571	17	Tulip Poplar	0	Save	
4572	28,22	Tulip Poplar	23.9	Remove	50
4573	13	Tulip Poplar	0	Save	
4574	4	Hackberry	0	Save	
4575	12	Water Oak	40.8	DDH*	
4576	19	Northern Red Oak	39.9	DDH*	
4577	26	Water Oak	24.4	DDH*	
4578	18	Tulip Poplar	0	Save	
4579	21	Tulip Poplar	0	Save	
4580	22	Tulip Poplar	0	Save	
4581	5	Tulip Poplar	0	Save	
4582	7	Tulip Poplar	0	Save	
4583	7	Tulip Poplar	0	Save	
4584	4	Tulip Poplar	0	Save	
4585	12	Tulip Poplar	0	Save	
4586	31	Water Oak	0	Save	
4587	9	Tulip Poplar	0	Save	
4588	48	Water Oak	36.1	Remove	48
4589	6,4	Elm	39.5	DDH*	
4590	5	Water Oak	30	Remove	5
4591	11	Hickory	34.2	DDH*	
4592	21,8	Elm	26	DDH*	
4593	3	Hackberry	0	Save	
4594	4	Hackberry	0	Save	
4595	45	Water Oak	44	Remove	45
4596	7	Water Oak	0	Save	
4597	8	Sweetgum	0	Save	
4598	4	Hackberry	0	Save	
4599	9	Hackberry	0	Save	
4600	35	Tulip Poplar	4.4	Save	
4601	6	Ailanthus	N/A	DDH*	
4602	4	Ailanthus	N/A	DDH*	
4603	3	Ailanthus	N/A	DDH*	
4604	7	Tulip Poplar	0	Save	
4605	25	Tulip Poplar	0	Save	
4606	32	Tulip Poplar	0	Save	
4607	7	Sweetgum	0	Save	
4608	7	Ailanthus	N/A	DDH*	
4609	6	Ailanthus	N/A	DDH*	
4610	35	Water Oak	45.2	DDH*	
4611	24	Tulip Poplar	0	Save	

COA PUBLIC PROPERTY TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
4612	16	Tulip Poplar	0	Save	
4613	22	Tulip Poplar	0	Save	
4614	5	Hackberry	0	Save	
4615	16	Water Oak	18.9	Save	
4616	21	Water Oak	21.4	Remove	21
4617	26	Water Oak	34.8	Remove	26
4618	4	Hackberry	0	Save	
4619	5	Hackberry	0	Save	
4620	15	Sweetgum	7.6	Save	
4621	4	Hickory	0	Save	
4622	31	Tulip Poplar	14.3	Save	
4623	28	Tulip Poplar	0	Save	
4624	4	Elm	0	Save	
4625	22	Sweetgum	33.8	Remove	22
4626	11	Water Oak	0	Save	
4627	4	Hackberry	0	Save	
4628	11	Sweetgum	28.4	Remove	11
4629	10	Water Oak	0	Save	
4630	3	Hackberry	0	Save	
4631	3	Cherry Laurel	N/A	DDH*	
4632	20	Water Oak	41.7	DDH*	
4633	24	Water Oak	43.9	Remove	24
4634	4	Hackberry	0	Save	
4635	16	Sassafras	0	Save	
4636	9	Tulip Poplar	0	Save	
4637	37	Water Oak	31.9	DDH*	
4638	30	Water Oak	30.4	Remove	30
4639	30	Water Oak	100	Remove	30
4640	21	Water Oak	100	DDH*	
4641	25,17	Water Oak	42.1	Remove	42
4642	4	Hackberry	0	Save	
4643	35	Tulip Poplar	23.2	Remove	35
4644	19	Water Oak	39.2	DDH*	
4645	12	Sweetgum	24.8	Remove	12
4646	11	Water Oak	100	DDH*	
4647	21	Sweetgum	100	Remove	21
4648	9	Sweetgum	100	DDH*	
4649	23	Sweetgum	100	Remove	23
4650	14	Sweetgum	100	DDH*	
4651	7	Hackberry	100	DDH*	
4652	4	Hackberry	0	Save	
4653	32,26	Tulip Poplar	0	Save	
4654	5	Elm	0	Save	
4655	32	Tulip Poplar	0	Save	
4656	15	Hackberry	0	Save	
4657	14	Sweetgum	0	Save	
4658	3	Hackberry	0	Save	
4659	5	Elm	0	Save	
4660	18	Hackberry	0	Save	
4661	7	Hackberry	0	Save	
4663	8	Ailanthus	N/A	DDH*	
4664	4	Hackberry	0	Save	
4666	34	Tulip Poplar	0	Save	
4667	29,22	Tulip Poplar	0	Save	
4670	8	Beech	0	Save	
4671	6	Hackberry	0	Save	
4672	6	Sweetgum	0	Save	
4678	26	Tulip Poplar	0	Save	

COA PUBLIC PROPERTY TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
4679	10	Southern Magnolia	0	Save	
4680	9	Sweetgum	0	Save	
4681	19	Tulip Poplar	0	Save	
4682	20	Tulip Poplar	0	Save	
4683	23	Tulip Poplar	0	Save	
4684	3	Elm	0	Save	
4685	3	Hackberry	0	Save	
4686	21	Tulip Poplar	0	Save	
4687	37	Tulip Poplar	0	Save	
4688	12	Sweetgum	0	Save	
4695	5	Sweetgum	0	Save	
4696	5	Sweetgum	0	Save	
4697	24	Tulip Poplar	0	Save	
4698	5,3	Beech	0	Save	
4701	5	Beech	0	Save	
4702	25	Sweetgum	0	Save	
4703	33	Tulip Poplar	0	Save	
4704	4	Hackberry	0	Save	
4705	4	Cherry Laurel	N/A	DDH*	
4706	4	Elm	0	Save	
4707	3	Hackberry	0	Save	
4708	7	Tulip Poplar	0	Save	
4709	44	Tulip Poplar	0	Save	
4710	10	Sweetgum	0	Save	
4716	8,3,2	Elm	0	Save	
4718	36	Tulip Poplar	0	Save	
4720	4,1	Elm	0	Save	
4721	26	Tulip Poplar	0	Save	
4722	7	Hackberry	0	Save	
4723	3	Hackberry	0	Save	
4724	3	Hackberry	0	Save	
4725	3	Hackberry	0	Save	
4726	8	Elm	0	Save	
4729	8	Elm	0	Save	
4730	45	Tulip Poplar	9.3	Save	
4731	5	Elm	0	Save	
4732	24	Sweetgum	0	Save	
4740	34	Hackberry	0	Save	
4744	14	Tulip Poplar	0	Save	
4745	34	Tulip Poplar	0	Save	
4752	3	Hackberry	0	Save	
4753	52	Northern Red Oak	0	Save	
4754	37	Northern Red Oak	0	Save	
4756	6,4	Corkscrew Willow	0	Save	
4757	6,6	Corkscrew Willow	0	Save	
4758	7,3	Boxelder	0	Save	
4759	6,5	Boxelder	0	Save	
4760	6,3	Boxelder	0	Save	
4761	6,3	Boxelder	0	Save	
4762	4,3,2	Boxelder	0	Save	
4763	7,5,5	Boxelder	0	Save	
4764	4,4,3	Boxelder	0	Save	
4765	3	Boxelder	0	Save	
4766	4,2	Boxelder	0	Save	
4767	4,4	Boxelder	0	Save	
4768	7	Boxelder	0	Save	
4769	15	Cottonwood	0	Save	
4770	7	Sycamore	0	Save	
4771	4,3	Boxelder	0	Save	

COA PUBLIC PROPERTY TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
4772	3	Hackberry	0	Save	
4773	8,6	Black Willow	0	Save	
4774	3	Boxelder	0	Save	
4775	4	Boxelder	0	Save	
4776	6	Boxelder	0	Save	
4777	4	Boxelder	0	Save	
4778	3	Boxelder	0	Save	
4779	6	Sycamore	0	Save	
4780	6	Boxelder	0	Save	
4781	4	Black Willow	0	Save	
4782	6	Black Willow	0	Save	
4783	3	Boxelder	0	Save	
4784	7	Boxelder	0	Save	
4785	6	Elm	0	Save	
4786	5,1	Boxelder	0	Save	
4787	4,1	Boxelder	0	Save	
4788	7	Boxelder	0	Save	
4789	5	Black Willow	0	Save	
4790	11	Boxelder	0	Save	
4791	4	Boxelder	0	Save	
4792	4,4,4,3	Boxelder	0	Save	
4794	4	Willow Oak	0	Save	
4795	4	Willow Oak	0	Save	
4796	4	Willow Oak	0	Save	
4797	3	Willow Oak	0	Save	
TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp. DBH
306					4577

SUBTOTALS
(For viable trees requiring recompense)
NOTES:
1. Saved / P = Saved, prescription req'd (20-33% impact)
2. Saved: Less than 20% impact to CRZ + no SRP impact
3. Rcmp DBH. = Recompense DBH
4. DDH: Dead, Dying, Hazardous Trees Certified by COA (cite DDH permit # at bottom of this table)
5. Destroy: = Destroyed, Recompense req'd (over 33% impact)
6. Destroyed = Removed prior to permit
7. Reference the DDH permit # below the table
* DDH Permit No. BA-

NOTE: DDH TREES PENDING COA PARKS ARBORIST APPROVAL

RIGHT-OF-WAY REPLACEMENT TABULATION

TOTAL INCHES REMOVED = 4577"

TOTAL INCHES REPLACED = 3961"

RIGHT-OF-WAY INCH PER INCH REPLACEMENT = DEFICIT OF 616"

NOTE: ALL TABULATIONS ARE PRELIMINARY. INVENTORY TABLES ON 29-000A THROUGH 29-000E LIST ALL PROJECT TREES ON PUBLIC PROPERTY. THE STATUS LISTED FOR EACH TREE REFLECTS THE PROPOSED ACTIONS SUBJECT TO REVIEW. THE TREES REQUESTED TO SUBMIT FOR DDH REVIEW ARE LABELED AS "DDH*" STATUS.

PRELIMINARY

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES
ENVIRONMENTALLY SENSITIVE AREA

Atlanta BeltLine
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
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ATLANTA, GA 30303
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FAX: (404) 477-3606

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

REVISION DATES

TREE PROTECTION PLANS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
PUBLIC PROPERTY RECOMPENSE

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		29-000E
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

COA PUBLIC PROPERTY TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
3438	7	Ailanthus	100	Remove	7
3440	24	Elm	100	Remove	24
3458	6	Catalpa	100	Remove	6
3522	13	Elm	100	Remove	13
3594	7	Boxelder	0	Save	
3714	9	Ailanthus	0	Save	
3759	7	Boxelder	100	Remove	7
3760	11	Boxelder	100	Remove	11
3761	6	Boxelder	100	Remove	6
3866	14 (est.)	Red Maple	17	Save	
3888	15(est.)	Tulip Poplar	16.4	Save	
3889	10(est.)	Tulip Poplar	7.2	Save	
3890	12(est.)	Tulip Poplar	0	Save	
3891	14(est.)	Tulip Poplar	6	Save	
3892	11(est.)	Tulip Poplar	0	Save	
3893	30(est.)	Water Oak	11.8	Save	
4057	18	Water Oak	100	Remove	18
4058	20	Water Oak	100	Remove	20
4059	8	Water Oak	100	Remove	8
4061	14	Tulip Poplar	100	Remove	14
4062	14	Water Oak	100	Remove	14
4063	20	Water Oak	100	Remove	20
4064	13	Water Oak	100	Remove	13
4111	31,27	Tulip Poplar	100	Remove	58
4112	10	Sweetgum	100	Remove	10
4113	15	Water Oak	100	Remove	15
4116	15	Black Cherry	100	Remove	15
4119	12	Tulip Poplar	100	Remove	12
4120	21	Water Oak	100	Remove	21
4121	17	Water Oak	100	Remove	17
4126	16	Black Cherry	100	Remove	16
4129	6	Sweetgum	100	Remove	6
4458	36	Tulip Poplar	21.7	Save	
4459	36	Water Oak	14	Save	
4662	11,11	Ailanthus	0	Save	
4665	6	Hackberry	0	Save	
4668	7	White Mulberry	0	Save	
4669	4,1,1,1	Holly	0	Save	
4673	10	Hackberry	0	Save	
4674	9	Hackberry	0	Save	
4675	9	Tulip Poplar	0	Save	
4677	7	Tulip Poplar	0	Save	
4689	7	Tulip Poplar	0	Save	
4690	40	Water Oak	0	Save	
4691	8	Tulip Poplar	0	Save	
4692	12	Southern Magnolia	0	Save	
4694	24	Water Oak	0	Save	
4699	6	Sweetgum	0	Save	
4712	9	Cherry Laurel	0	Save	
4714	27	Water Oak	0	Save	
4715	21	Water Oak	0	Save	
4717	34	Sweetgum	0	Save	
4719	16	Sweetgum	0	Save	
4728	25	Sweetgum	0	Save	
4733	6	Boxelder	0	Save	
4734	22,22	Sweetgum	0	Save	
4736	26	Water Oak	0	Save	
4737	24	Sweetgum	0	Save	
4741	7	Elm	0	Save	
4742	10	Boxelder	0	Save	
4743	27	Hickory	0	Save	
4746	10	Sweetgum	0	Save	
4747	4,4,3	Boxelder	0	Save	
4748	4,3,3,2	Boxelder	0	Save	
TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp. DBH
23					351

SUBTOTALS
(For viable trees requiring recompense)
NOTES:
1. Saved / P = Saved, prescription req'd (20-33% impact)
2. Saved: Less than 20% impact to CRZ + no SRP impact
3. Rcmp DBH. = Recompense DBH
4. DDH: Dead, Dying, Hazardous Trees Certified by COA (cite DDH permit # at bottom of this table)
5. Destroy: = Destroyed, Recompense req'd (over 33% impact)
6. Destroyed = Removed prior to permit
7. Reference the DDH permit # below the table
* DDH Permit No. BA-

NOTE: DDH TREES PENDING COA PARKS ARBORIST APPROVAL

RECOMPENSE CALCULATIONS

R = $100 (Nrem - Nrep) + $30 (TDBHrem - TCIrep)

Nrem = 23
Nrep = 0
TDBHrem = 351"
TCIrep = 0"

R = $100 (23-0) + $30 (351-0) = $12,830
RECOMPENSE REQUIRED

NOTE TO ARBORIST:
TREES LOCATED ON PROPERTIES THAT HAVE PERMANENT OR TEMPORARY EASEMENTS DO NOT INCLUDE BOUNDARY TREE AGREEMENTS. THE LEGALIZATION OF THE EASEMENT WITH EACH INDIVIDUAL PROPERTY OWNER ACKNOWLEDGES THE IMPACT TO THE PROPERTY AND THE FINANCIAL COMPENSATION FOR DESTRUCTION OF PROPERTY AND CONSTRUCTION ACTIVITIES TO TAKE PLACE.

NOTE: BOUNDARY TREE AGREEMENTS ARE PENDING AND MUST BE SIGNED BY BOTH PARTIES PRIOR TO SUBMITTING PLANS TO CITY OF ATLANTA

PRELIMINARY

PROPERTY AND EXISTING R/W LINE —℄—
REQUIRED R/W LINE
CONSTRUCTION LIMITS —C—F—
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

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ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

REVISION DATES

TREE PROTECTION PLANS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
PUBLIC PROPERTY RECOMPENSE

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

DRAWING No.
29-000F

N/F
FULTON COUNTY
TAX ID No. 14 005500120043
DB 16128 PG 182
79 MILTON AVE SE
NO SETBACKS/YARDS PER ZONING CODE

67
N/F
LEBOW LAND COMPANY LLC
TAX ID No. 14 005500110085
DB 39862 PG 350

8' C/L FENCE
EXIST. R/W
MILTON AVE. SE
6' C/L FENCE W/ BARB WIRE
CONC.
42+00
REQ'D R/W
188+00
189+00
190+00
191+00
192+00
CONC. WALL
BROKEN CONC. AND ASPH.
MATCH LINE STA. 192+50
SHEET No. 29-002
ATLANTA BELTLINE SOUTHSIDE TRAIL
N59°02'51.5"E
CSX ACTIVE RAIL
6' C/L FENCE
ORANGE BARRIER FENCE (TYP.)
68A
N/F
THE CONSERVATION FUND
PURCHASED BY ABI
ASPH.
44+00
14'@ 90.00° MILTON AVE. SE
ABANDONED
N/F
THE ATLANTA DEVELOPMENT AUTHORITY DBA
TAX ID No. 14 005600010110
DB 58159 PG 0497
PURCHASED BY ABI
R/W
N/F
LEBOW LAND COMPANY LLC
TAX ID No. 14 005600010060
DB 55525 PG 395
95 MILTON AVE SE
45+00
68
N/F
SOHEILA SAHEBDIVANI
TAX ID No. 14 005500130273
DB 40299 PG 266
94 MILTON AVE SE

LEGEND

- TPF — COA TREE PROTECTION FENCING
- LOD — LIMITS OF DISTURBANCE
- LIMITS OF WORK
- COA SETBACKS
- ORANGE BARRIER FENCING
- 100 — TREE TO BE SAVED
- 100 — TREE TO BE DESTROYED

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
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PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
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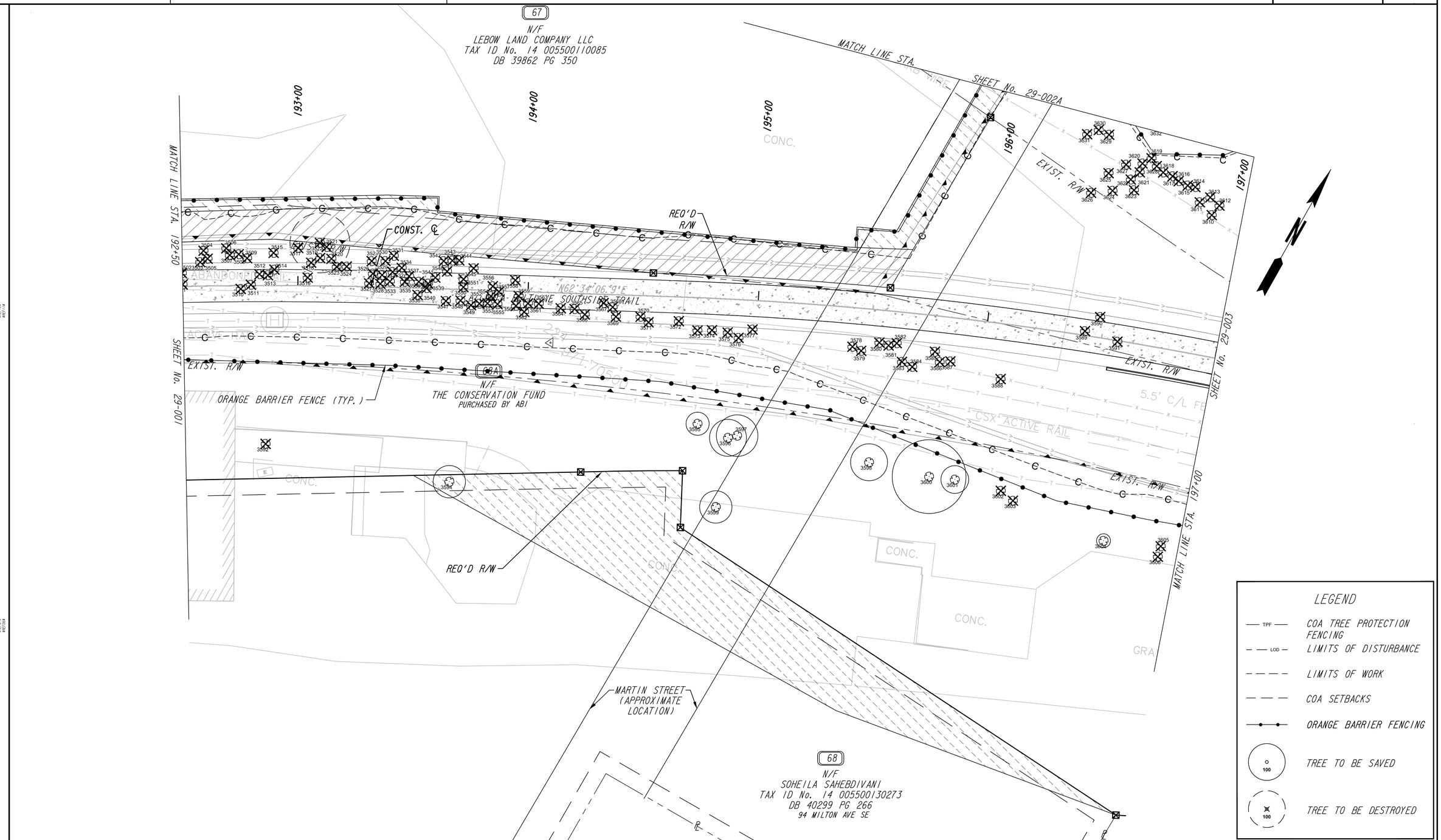
TEL: (404) 419-8700

SCALE IN FEET
0 20 40 80

REVISION DATES

TREE PROTECTION PLANS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		29-001
CORRECTED:		DATE:		
VERIFIED:		DATE:		



LEGEND

- TPF — COA TREE PROTECTION FENCING
- LOD — LIMITS OF DISTURBANCE
- LIMITS OF WORK
- COA SETBACKS
- ORANGE BARRIER FENCING
- 100 — TREE TO BE SAVED
- 100 — TREE TO BE DESTROYED

- PROPERTY AND EXISTING R/W LINE
- REQUIRED R/W LINE
- CONSTRUCTION LIMITS
- PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
- TEMPORARY EASEMENT FOR CONST. OF SLOPES
- TEMPORARY EASEMENT FOR CONST. OF DRIVES
- ENVIRONMENTALLY SENSITIVE AREA

Atlanta BeltLine
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ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE IN FEET
0 20 40 80

REVISION DATES

TREE PROTECTION PLANS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		29-002
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

67
N/F
LEBOW LAND COMPANY LLC
TAX ID No. 14 005500110093
DB 36564 PG 661

MARTIN STREET (APPROXIMATE LOCATION)

EXIST. R/W

EXIST. R/W

67
N/F
LEBOW LAND COMPANY LLC
TAX ID No. 14 005500110085
DB 39862 PG 350

CONCRETE WALL

RAIL

LOADING DOCK

6' C/L FENCE W/ RAIL

EXIST. R/W

MATCH LINE SHEET No. 29-002

ATE LOCATION 72" COMBINED SEWER ARCH PIPE

N/F
CITY OF ATLANTA
TAX ID No. 14 005500090931

YARD INLET

ORANGE BARRIER FENCE (TYP.)

MATCH LINE SHEET No. 29-003

N

LEGEND

- TPF — COA TREE PROTECTION FENCING
- LOD — LIMITS OF DISTURBANCE
- LIMITS OF WORK
- COA SETBACKS
- ORANGE BARRIER FENCING
- 100 — TREE TO BE SAVED
- 100 — TREE TO BE DESTROYED

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

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ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

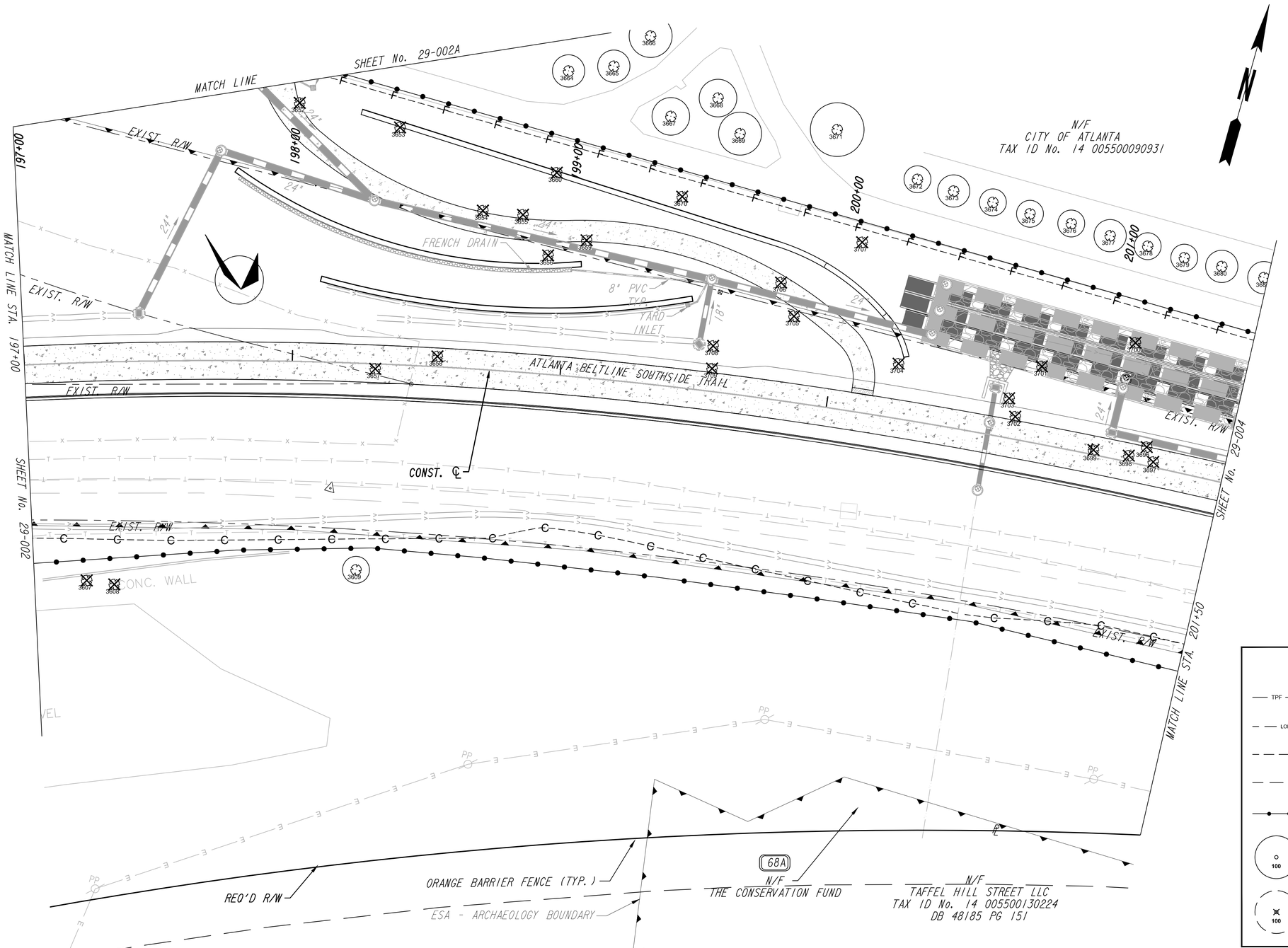
SCALE IN FEET
0 20 40 80

REVISION DATES

TREE PROTECTION PLANS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		29-002A
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



LEGEND

- TPF — COA TREE PROTECTION FENCING
- LOD — LIMITS OF DISTURBANCE
- LIMITS OF WORK
- COA SETBACKS
- ORANGE BARRIER FENCING
- 100 — TREE TO BE SAVED
- 100 — TREE TO BE DESTROYED

- PROPERTY AND EXISTING R/W LINE — P/L —
- REQUIRED R/W LINE
- CONSTRUCTION LIMITS — C — F —
- PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
- TEMPORARY EASEMENT FOR CONST. OF SLOPES
- TEMPORARY EASEMENT FOR CONST. OF DRIVES
- ENVIRONMENTALLY SENSITIVE AREA

Atlanta BeltLine
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE IN FEET
0 20 40 80

REVISION DATES

TREE PROTECTION PLANS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		29-003
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

N/F
CITY OF ATLANTA
TAX ID No. 14 005500090931

N/F
CITY OF ATLANTA
TAX ID No. 14 005500090568
TAX ID No. 14 005500090576
DB 50063 PG 340
PB 58 PG 142
1075 GRANT WAY SE

N/F
ROSEGOOD S/D
LOT 15-21, BLOCK C
PB 58 PG 142

N/F
SUSAN P BRINKLEY
TAX ID No. 14 005500090618
DB 49302 PG 284
PB 58 PG 142
1091 GRANT WAY SE

GRANT WAY SE (71)

N/F
SYLVESTER XAVIER MCGILL JR
TAX ID No. 14 005500090634
DB 52252 PG 178
PB 58 PG 142
1099 GRANT WAY SE

N/F
LYNCH RESIDENTIAL ULC
TAX ID No. 14 005500090584
DB 49506 PG 495
PB 58 PG 142
1079 GRANT WAY SE

N/F
COMMUNITY RESTORATION CORPORATION
TAX ID No. 14 005500090592
DB 56086 PG 429
PB 58 PG 142
1083 GRANT WAY SE

N/F
SYLVESTER XAVIER MCGILL JR
TAX ID No. 14 005500090600
DB 52252 PG 178
PB 58 PG 142
1087 GRANT WAY SE

(70)
N/F
JOHN J HOWKINS JR
TAX ID No. 14 005500090626
DB 53447 PG 594
PB 58 PG 142
1095 GRANT WAY SE

202+00 203+00 204+00 205+00 206+00

EXIST. R/W

CONST.

MATCH LINE STA. 201+50

SHEET No. 29-005

ATLANTA BELTLINE SOUTHSIDE TRAIL

S89°38'08"E

FOM

CSX ACTIVE RAIL

SHEET No. 29-003

MATCH LINE STA. 206+50

EXIST. R/W

ORANGE BARRIER FENCE (TYP.)

(68A)
N/F
THE CONSERVATION FUND
PURCHASED BY ABI

ESA - ARCHAEOLOGY BOUNDARY

N/F
TAFFEL HILL STREET LLC
TAX ID No. 14 005500130224
DB 48185 PG 151

N/F
CITY OF ATLANTA
TAX ID No. 14 005500140025

LEGEND

- TPF — COA TREE PROTECTION FENCING
- LOD — LIMITS OF DISTURBANCE
- LIMITS OF WORK
- COA SETBACKS
- ORANGE BARRIER FENCING
- TREE TO BE SAVED (100)
- TREE TO BE DESTROYED (100)

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES
ENVIRONMENTALLY SENSITIVE AREA

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SCALE IN FEET
0 20 40 80

REVISION DATES

TREE PROTECTION PLANS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

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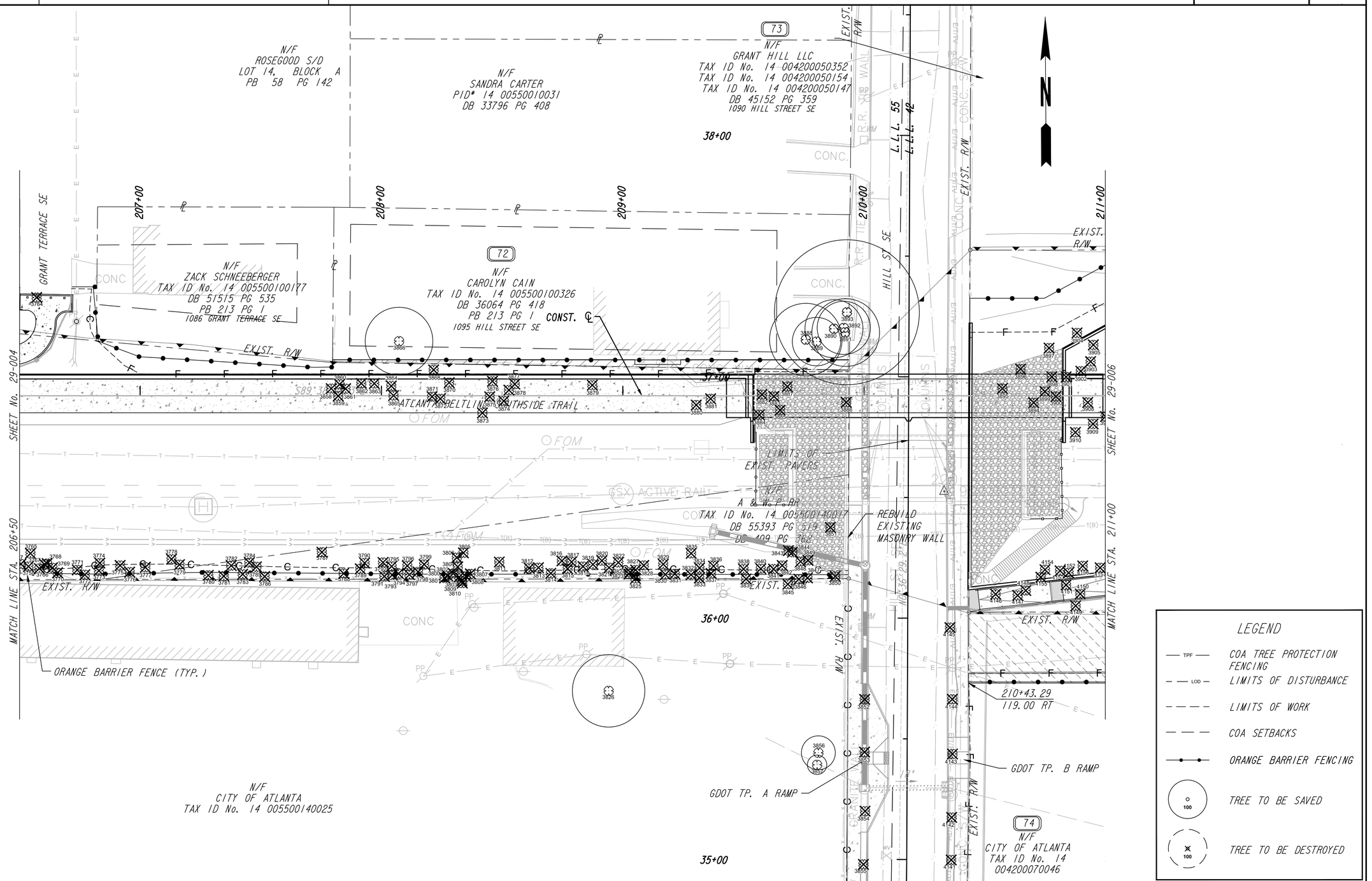
BACKCHECKED:		DATE:		29-004
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



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SCALE IN FEET
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ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

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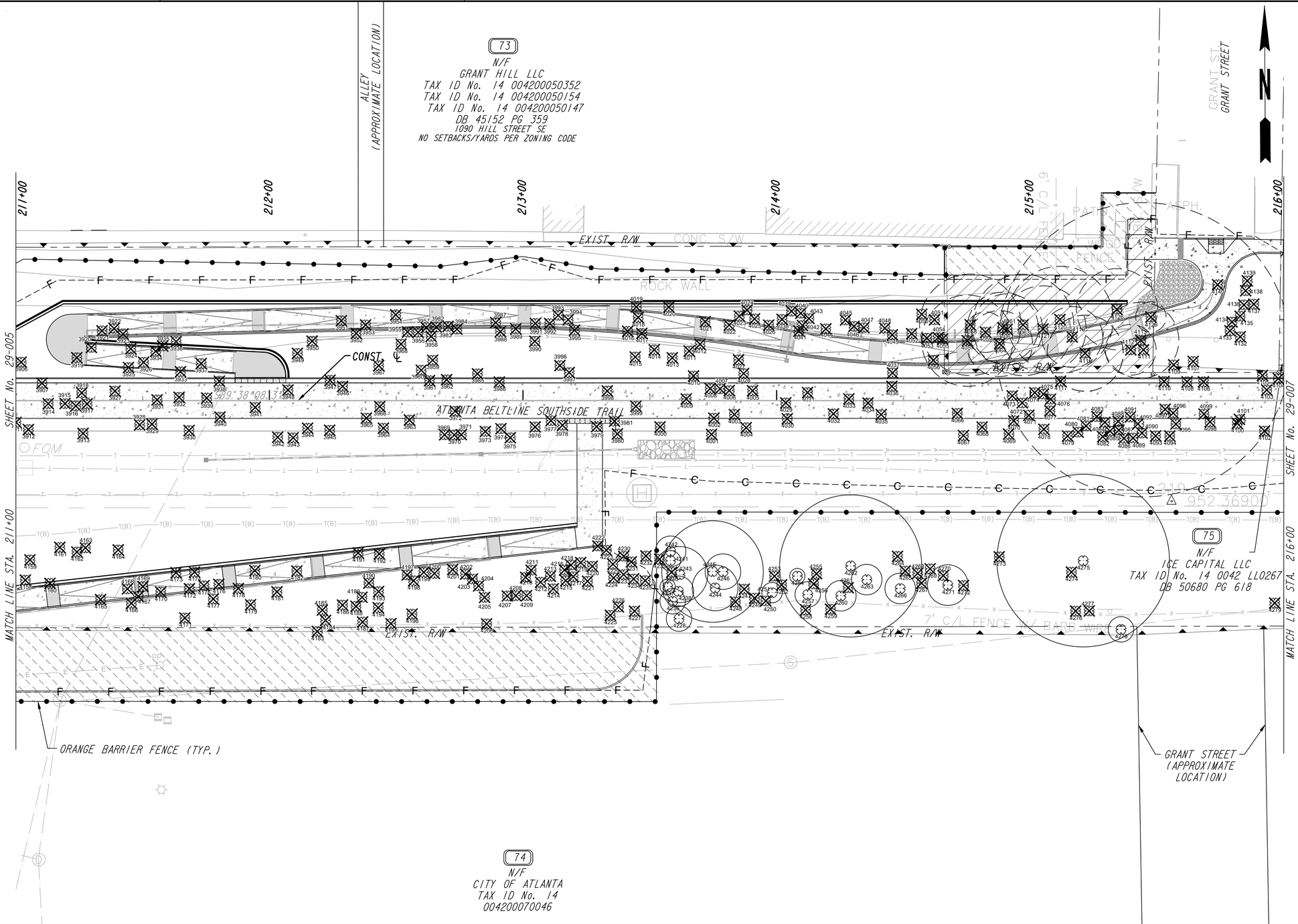
VERIFIED:		DATE:		

10/23/2015 GPLN



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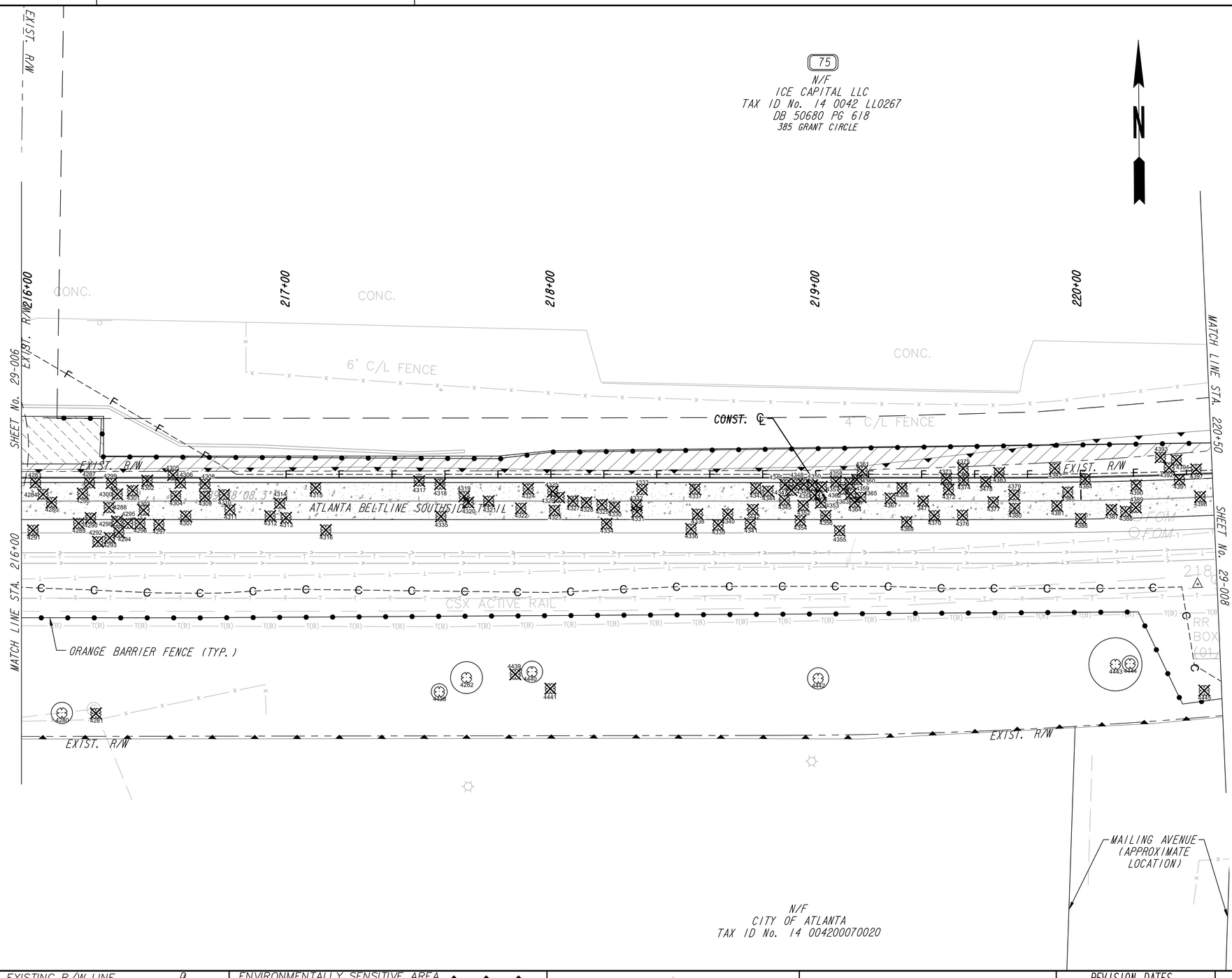
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE IN FEET
0 20 40 80

REVISION DATES

TREE PROTECTION PLANS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	29-006
CORRECTED:		DATE:	
VERIFIED:		DATE:	



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- LIMITS OF DISTURBANCE
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ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE IN FEET
0 20 40 80

REVISION DATES

TREE PROTECTION PLANS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		29-007
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

LEGEND

- TPF — COA TREE PROTECTION FENCING
- LOD — LIMITS OF DISTURBANCE
- LIMITS OF WORK
- COA SETBACKS
- ORANGE BARRIER FENCING
- TREE TO BE SAVED (100)
- TREE TO BE DESTROYED (100)

75
N/F
ICE CAPITAL LLC
TAX ID No. 14 0042 LL0267
DB 50680 PG 618
385 GRANT CIRCLE

N/F
GEORGIA POWER COMPANY
TAX DEPT BIN 10120
TAX ID No. 14 0042 LL0234
DB 28377 PG 46
NO SETBACKS/YARDS PER ZONING CODE

SHEET No. 29-007

MATCH LINE STA. 220+50

221+00

222+00

223+00

224+00

225+00

SHEET No. 29-009

MATCH LINE STA. 225+50

EXIST. R/W

ATLANTA BELTLINE SOUTHSIDE TRAIL

CONST. ℄

6' C/L FENCE W/ BARB WIRE

CONC.

ASPH.

EXIST. ACTIVE RAIL

SIGNAL

NON-BUFFERED STATE WATER F

ORANGE BARRIER FENCE (TYP.)

N/F
MAILING AVENUE STAGEWORKS LLC
TAX ID No. 14 0042000801S1
DB 51408 PG 598
1144 MAILING AVE SE
NO SETBACKS/YARDS PER ZONING CODE

N/F
MAILING AVENUE STAGEWORKS LLC
TAX ID No. 14 0042000802G8
DB 51408 PG 598
1160 MAILING AVE SE
NO SETBACKS/YARDS PER ZONING CODE

N/F
DEL BOCA VISTA LLC
TAX ID No. 14 0042000801S3
DB 54483 PG 108
460 ENGLEWOOD AVE SE
NO SETBACKS/YARDS PER ZONING CODE

PROPERTY AND EXISTING R/W LINE
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PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
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SCALE IN FEET
0 20 40 80

REVISION DATES

TREE PROTECTION PLANS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

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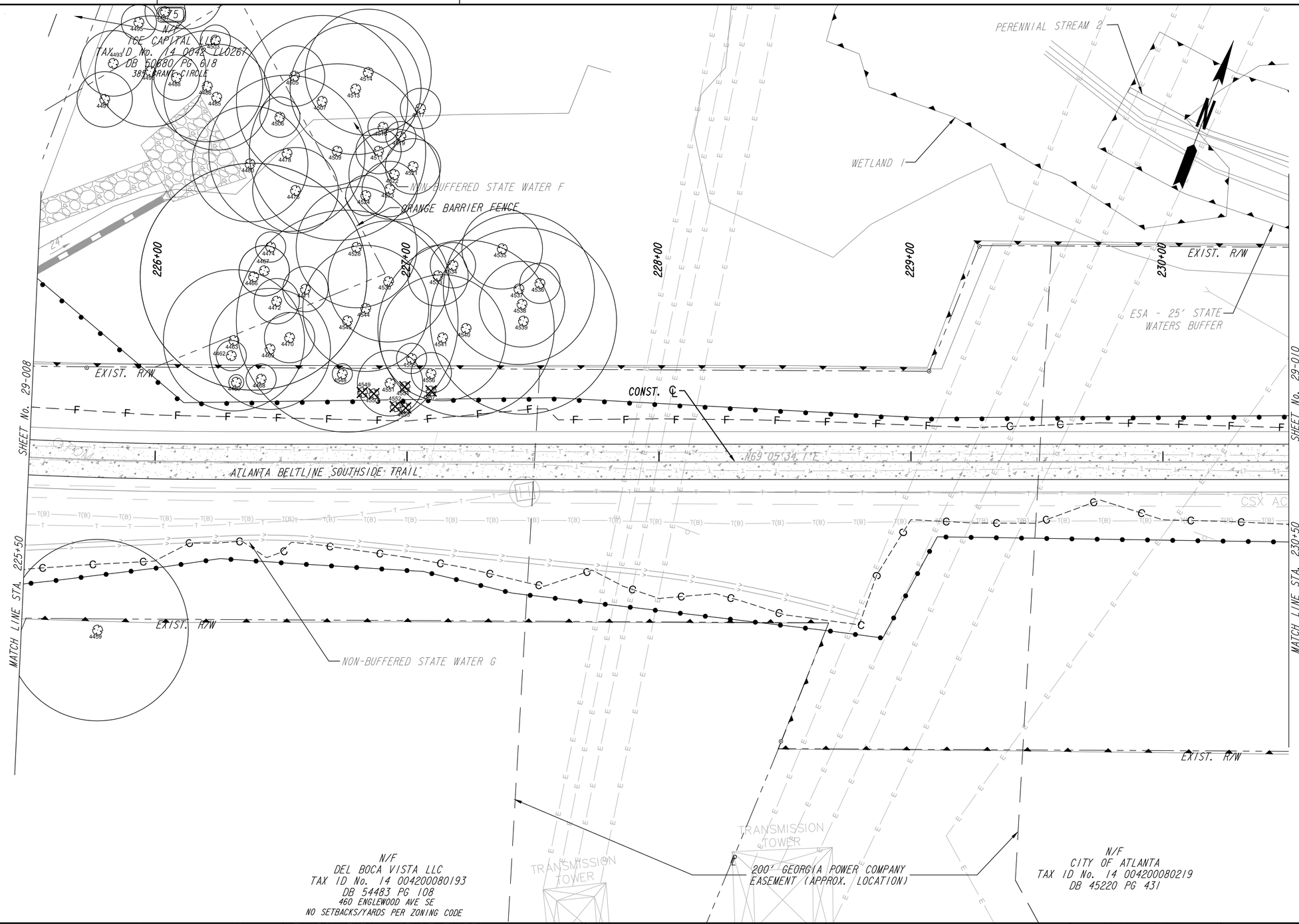
VERIFIED:		DATE:	



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ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

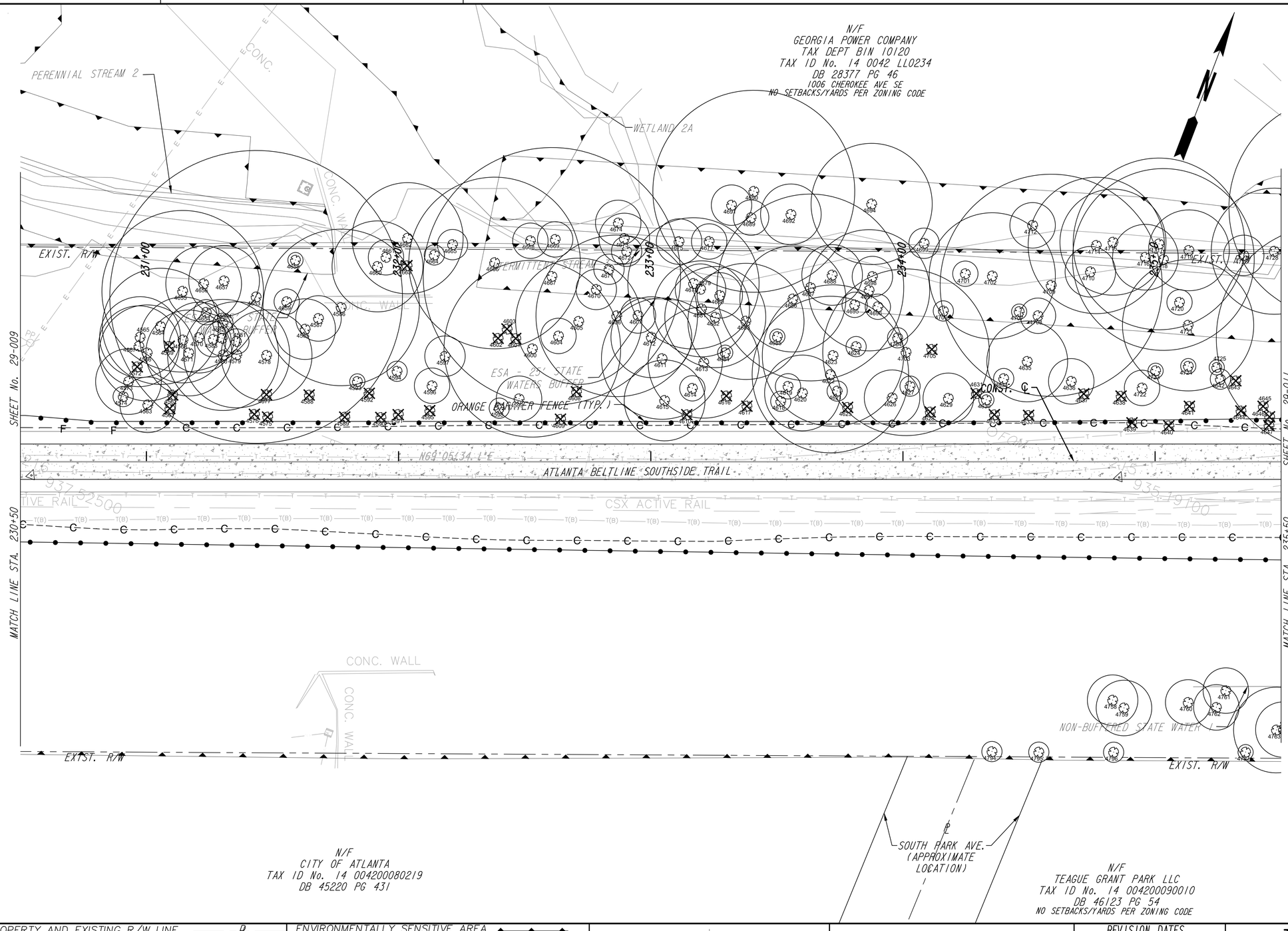
SCALE IN FEET
0 20 40 80

REVISION DATES

TREE PROTECTION PLANS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		29-009
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



LEGEND

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TREE PROTECTION PLANS
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BACKCHECKED:		DATE:	
CORRECTED:		DATE:	29-010
VERIFIED:		DATE:	

77
N/F
GEORGIA POWER COMPANY
TAX DEPT BIN 10120
TAX ID No. 14 0042 LL0234
DB 28377 PG 46
1006 CHEROKEE AVE SE
NO SETBACKS/YARDS PER ZONING CODE

N/F
WAKEN CO
TAX ID No. 14 0042 LL0242
TAX ID No. 14 004200040684
TAX ID No. 14 004200040676
DB 49322 PG 663
1015 BOULEVARD SE
NO SETBACKS/YARDS PER ZONING CODE

INTERMITTENT STREAM 3
NON-BUFFERED STATE WATER H
ESA - 25' STATE WATERS BUFFER
CONST. ℄
EXIST. R/W
SHEET No. 29-010
SHEET No. 29-012
MATCH LINE STA. 235+50
MATCH LINE STA. 240+50
237+00
238+00
239+00
240+00
CONC.
BLOCK WALL
LOADING DOCK
EXISTING STRUCTURE TO BE REMOVED
ABANDONED ACCESS FOR LOADING DOCK
N69°05'34.1"E
N20°35'34.1"E
ATLANTA BELTLINE, SOUTHSIDE TRAIL
CSX ACTIVE RAIL
936.09000
ORANGE BARRIER FENCE (TYP.)
NON-BUFFERED STATE WATER I
EXIST. R/W
2' GRANITE WALL
15' ALLEY
FENCE

N/F
TEAGUE GRANT PARK LLC
TAX ID No. 14 004200090010
DB 46123 PG 54
NO SETBACKS/YARDS PER ZONING CODE

N/F
M C M INVESTORS INC
TAX ID No. 14 004200090119
TAX ID No. 14 004200090101
TAX ID No. 14 004200090127
TAX ID No. 14 004200090036
TAX ID No. 14 004200090044
DB 29266 PG 7
NO SETBACKS/YARDS PER ZONING CODE

LEGEND

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SCALE IN FEET
0 20 40 80

REVISION DATES

TREE PROTECTION PLANS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		29-011
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VERIFIED:		DATE:		

10/23/2015 GPLN

N/F
WAKEN CO
TAX ID No. 14 0042 LL0242
TAX ID No. 14 004200040684
TAX ID No. 14 004200040676
DB 49322 PG 663
1015 BOULEVARD SE
NO SETBACKS/YARDS PER ZONING CODE

N/F
CATHERINE S LUCAS
PIN:14002300050082
NO DEED BOOK
INFORMATION

N/F
LEONCE B II & BREANNA CRUM
TAX ID No. 14 002300050389
DB 51543 PG 322

N/F
EQUITY TRUST COMPANY
PIN:14002300050074
DB 51386 PG 449

N/F
ROBERT M RIGHTER & CHRISTY LEE
TAX ID No. 14 002300050405
DB 51479 PG 596
PB 321 PG 95
992 ELOTILLA DRIVE SE
NO SETBACKS/YARDS PER ZONING CODE

N/F
EQUITY TRUST COMPANY
TAX ID No. 14 002300050066
DB 47120 PG 141
1020 BOULEVARD SE

N/F
M C M INVESTORS INC.
TAX ID No. 14 00420009011 9
TAX ID No. 14 00420009010 1
TAX ID No. 14 00420009012 7
TAX ID No. 14 00420009003 6
TAX ID No. 14 00420009004 4
DB 29266 PG 7
NO SETBACKS/YARDS PER ZONING CODE

N/F
TEN FOURTY BOULEVARD LLC
TAX ID No. 14 002300080063
DB 36975 PG 649
0 BOULEVARD SE

RECONSTRUCT EXISTING STRUCTURE AS GA STD 1019A TYPE E CATCH BASIN WITH GA STD D-33B BICYCLE-SAFE GRATE. CONTRACTOR TO INSTALL INLET WITH NO RAMP CONFLICT. TOP TO BE ADJUSTED IF NECESSARY

BOULEVARD SE SPEED TABLE
SEE 18-SERIES AND 38-SERIES SHEETS

EXISTING TRENCH DRAIN TO REMAIN

HISTORICAL BOUNDARY

END CONCRETE TRAIL PAVING
STA. 242+63.87

PROPOSED GA STD 1019A TYPE E CATCH BASIN WITH GA STD D-33B BICYCLE-SAFE GRATE TIE INTO EXISTING STRUCTURE

K-0 EXISTING DIAMOND PLATE FLUME

ORANGE BARRIER FENCE (TYP.)

MATCH LINE STA. 240+50

SHEET No. 29-011

61+00 60+00 241+00 242+00 243+00 244+00 245+00 58+00

N70°35'34.1"E

N0°45'50.3"E

L.L.L. 42

L.L.L. 23

BOULEVARD SE

GSX ACTIVE RAIL

R.R TIE WALL

RAILROAD CROSSING

STEPS

6' C/L FENCE

ASPH.

CONC.

EXIST. R/W

4782 4783 4784 4785 4786 4787

LEGEND

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SCALE IN FEET
0 20 40 80

REVISION DATES

TREE PROTECTION PLANS
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		29-012
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

Master Plant Schedule

Key	Qty	Botanical Name	Common Name	Size	Notes
Trees					
AC-12	38	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	12' hgt.	MT, 3 cane min., full and well branched
AS-3	21	Acer saccharum 'Legacy'	Legacy Sugar Maple	3" cal.	6' CT, CL, full and well branched
AT	15	Asimina triloba	Paw Paw	3" cal.	6' CT, CL, full and well branched
BN	34	Betula nigra 'City Slicker'	City Slicker River Birch	14' hgt.	MT, 3 cane min, full and well branched
CCA	3	Cercis canadensis f. alba 'Royal White'	Royal White Eastern Whitebud	3"cal.	4' CT, CL, full and well branched
CCRB	36	Cercis canadensis 'Appalachian Red'	Appalachian Red Redbud	3" cal.	4' CT, CL, full and well branched
CF	61	Cornus florida 'Appalachian Snow'	Appalachian Snow Dogwood	3" cal.	4' CT, CL, full and well branched
CFB	11	Cornus florida 'Comco No. 1'	Cherokee Brave Dogwood	3" cal.	4' CT, CL, full and well branched
CO	28	Carya ovata	Shagbark Hickory	3" cal.	6' CT, CL, full and well branched
CLK	12	Cladrastis kentukea	American Yellowwood	3" cal.	6' CT, CL, full and well branched
CM	11	Cornus mas 'Golden Glory'	Golden Glory Cornelian Cherry Dogwood	10' hgt	MT, 3 cane min, full and well branched
CV	24	Chionanthus virginicus 'Prodigy'	Prodigy American Fringe Tree	12' hgt.	MT, 3 cane min., full and well branched
CVS	22	Chionanthus virginicus 'CV 1049'	Serenity American Fringe Tree	3" cal.	4' CT, CL, full and well branched
CVS-4	16	Chionanthus virginicus 'CV 1049'	Serenity American Fringe Tree	4" cal.	4' CT, CL, full and well branched
FG-3	25	Fagus grandifolia	American Beech	3" cal.	6' CT, CL, full and well branched
FG-4	8	Fagus grandifolia	American Beech	4" cal.	6' CT, CL, full and well branched
HD	94	Halesia diptera	Two-winged Silverbell	3" cal.	4' CT, CL, full and well branched
IO-10	99	Ilex opaca 'Greenleaf'	Greenleaf American Holly	10' hgt.	4' CT, CL, full, dense, and well branched
IO-12	26	Ilex opaca 'Greenleaf'	Greenleaf American Holly	12' hgt.	4' CT, CL, full, dense, and well branched
IOJ-10	13	Ilex opaca 'Judy Evans'	Judy Evans American Holly	10' hgt.	4' CT, CL, full, dense, and well branched
IOJ-14	4	Ilex opaca 'Judy Evans'	Judy Evans American Holly	14' hgt.	4' CT, CL, full, dense, and well branched
LT-3	72	Liriodendron tulipifera	Tulip Poplar	3" cal.	6' CT, CL, full and well branched
LT-4	41	Liriodendron tulipifera	Tulip Poplar	4" cal.	6' CT, CL, full and well branched
MG-16	11	Magnolia grandiflora 'Claudia Wannamaker'	Claudia Wannamaker Magnolia	16' hgt.	4' CT, CL, full, dense, and well branched
MGL	25	Magnolia grandiflora 'Little Gem'	Little Gem Southern Magnolia	12' hgt.	4' CT, CL, full, dense, and well branched
MV-14	25	Magnolia virginiana 'Jim Wilson' Moonglow	Moonglow Sweetbay Magnolia	14' hgt.	MT, 3 cane min, full and well branched
NS	52	Nyssa sylvatica 'Wildfire'	Wildfire Blackgum	4" cal.	6' CT, CL, full and well branched
NSG	8	Nyssa sylvatica 'NSUHH'	Green Gable Blackgum	3" cal.	6' CT, CL, full and well branched
OV	55	Ostrya virginiana	Eastern Hop Hornbeam	2" cal.	5' CT, CL, full and well branched
PA	14	Platanus x acerifolia 'Morton Circle'	Exclamation London Plane Tree	4" cal.	6' CT, CL, full and well branched
PP-12	17	Pinus palustris	Longleaf Pine	12' hgt	4' CT, CL, full, dense, and well branched
PP-16	8	Pinus palustris	Longleaf Pine	16' hgt.	4' CT, CL, full, dense, and well branched
PT-14	6	Pinus taeda	Loblolly Pine	14' hgt.	4' CT, CL, full, dense, and well branched
QA	69	Quercus alba	White Oak	4" cal.	6' CT, CL, full and well branched
QL	15	Quercus lyrata	Overcup Oak	3" cal.	6' CT, CL, full and well branched
QS	50	Quercus shumardii 'Panache'	Panache Shumard Oak	4" cal.	6' CT, CL, full and well branched
TA	52	Tilia americana 'Continental Appeal'	Continental Appeal American Linden	4" cal.	6' CT, CL, full and well branched
TAR	9	Tilia americana 'Redmond'	Redmond American Linden	5" cal.	6' CT, CL, full and well branched

Southern Short Grass Meadow Mix 111 (Roundstone Seed)				
WM	8.7500	Southern Short Grass Meadow Mix	Lbs.	8 PLS/acre, Roundstone Seed: Meadow Mix 111, quantity to be verified

Key	Qty	Botanical Name	Common Name	Size	Notes
Mulch					
			Arborist Wood Mulch	CY	See plans, exact quantity to be determined.

Note: All trees to be installed by others

Key	Qty	Botanical Name	Common Name	Size	Notes
Shrubs and Groundcover					
ACG*	87	Achillea x 'Coronation Gold'	Coronation Gold Yarrow	Qts.	2' o.c., well developed roots, yellow flowers
AH*	535	Amsonia hubrichtii	Threadleaf Bluestar	Qts.	3' o.c., well developed roots, blue flowers
AP	21	Aesculus parviflora	Bottlebrush Buckeye	7 gal.	6' o.c., full and dense, white flowers
ARF*	242	Aster oblongifolius 'Raydon's Favorite'	Raydon's Favorite Aster	Qts.	3' o.c., well developed roots, purple flowers
CA	74	Callicarpa americana	American Beautyberry	7 gal.	4' o.c., full and dense, purple berries
CAL	58	Callicarpa americana v. 'Lactea'	Lactea White Beautyberry	7 gal.	4' o.c., full and dense, white berries
CBB	60	Cephalanthus occidentalis	Buttonbush	7 gal.	6' o.c., full and dense, white flowers
CBZ*	24925	Carex flacca 'Blue Zinger'	Blue Zinger Sedge	DP-50	12" o.c., well developed roots
CEA*	11505	Carex elata 'Aurea'	Bowles Golden Sedge	DP-50	12" o.c., well developed roots
CS*	25630	Carex cherokeensis	Cherokee Sedge	DP-50	12" o.c., well developed roots
CSB	15	Cotinus coggygria 'Royal Purple'	Royal Purple Smokebush	6' hgt.	Full and dense, purple leaves
EA	38	Euonymus americanus	Strawberry Bush	7 gal.	4' o.c., full and dense
EV*	73	Echinops vitro 'Veitsch Blue'	Veitsch Blue Globe Thistle	Qts.	2' o.c., well developed roots, blue flowers
EY*	210	Eryngium yuccifolium	Rattlesnake Master	Qts.	3' o.c., well developed roots, white flowers
FGM	44	Fothergilla gardenii 'Mt. Airy'	Mt. Airy Fothergilla	7 gal.	4' o.c., full and dense, white flowers
GL*	104	Guara lindheimerii 'Whirling Butterflies'	Whirling Butterflies Guara	Qts.	3' o.c., well developed roots, pink flowers
HID	17	Hamamelis x intermedia 'Diane'	Diane Witch Hazel	8' hgt.	MT, 5 cane min., full and well branched
HP	20	Hypericum prolificum	Shrubby St. John's Wort	7 gal.	4' o.c., full and dense, yellow flowers
HV	41	Hamamelis virginiana 'Harvest Moon'	Harvest Moon Witch Hazel	8' hgt.	MT, 5 cane min., full and well branched
HVE	33	Hamamelis vernalis 'Autumn Embers'	Autumn Embers Ozark Witch Hazel	6' hgt.	MT, 5 cane min., full and well branched
IF	65	Illicium floridanum 'Halley's Comet'	Halley's Comet Florida Anise	7 gal.	6' o.c., full and dense, red flowers
IGC	155	Ilex glabra 'Compacta'	Compacta Inkberry Holly	7 gal.	4' o.c., full and dense
IV	35	Iris virginica	Southern Blue Flag Iris	Qts.	18" o.c., well developed roots, blue flowers
IVH	111	Itea virginica 'Henry's Garnet'	Henry's Garnet Sweetspire	7 gal.	4' o.c., full and dense, white flowers
IVL	26	Itea virginica 'Spirch'	Little Henry Sweetspire	3 gal.	3' o.c., full and dense, white flowers
IVS	6	Ilex verticillata 'Southern Gentleman'	Southern Gentleman Winterberry Holly	7 gal.	6' o.c., full and dense, male pollinator
IVW	28	Ilex verticillata 'Winter Gold'	Winter Gold Winterberry Holly	7 gal.	6' o.c., full and dense, yellow berries
LB	27	Lindera benzoin	Spicebush	7 gal.	6' o.c., full and dense, yellow flowers
MC	27	Morella cerifera	Wax Myrtle	7 gal.	6' o.c., full and dense
PER*	235	Perovskia atriplicifolia	Russian Sage	3 gal.	3' o.c., full and dense, purple flowers
RA	195	Rhus aromatica 'Gro Low'	Gro-Low Sumac	3 gal.	4' o.c., full and dense
RG	34	Rhus glabra	Smooth Sumac	7 gal.	8' o.c., full and dense
RM*	234	Rudbeckia maxima	Large Coneflower	Qts.	3' o.c., well developed roots, yellow flower
SC	65	Sambucus canadensis 'Adams'	Adam's Elderberry	7 gal.	5' o.c., full and dense, white flowers
VAC	8	Vitex agnus-castus 'Shoal Creek'	Shoal Creek Chaste Tree	6' hgt.	Full and dense, purple flowers

Key	Qty	Botanical Name	Common Name	Size	Notes
Ornamental Grass					
ATB*	42675	Andropogon ternarius 'Black Mountain'	Black Mountain Bluestem	DP-50	12" o.c., well developed roots
BG	6570	Bouteloua gracilis 'Blonde Ambition'	Blonde Ambition Grama Grass	DP-50	12" o.c., well developed roots
CL*	25285	Chasmanthium latifolium	River Oats	DP-50	12" o.c., well developed roots
ES*	71540	Eragrostis spectabilis	Purple Love Grass	DP-50	12" o.c., well developed roots
JE	50	Juncus effusus	Common Rush	DP-50	12" o.c., well developed roots
MCL	8860	Muhlenbergia capillaris 'Lenca'	Regal Mist Muhly Grass	DP-50	12" o.c., well developed roots
MCW	2130	Muhlenbergia capillaris 'White Cloud'	White Cloud Muhly Grass	DP-50	12" o.c., well developed roots
PVS*	66990	Panicum virgatum 'Shenandoah'	Shenandoah Switchgrass	DP-50	12" o.c., well developed roots
RC	770	Rhynchospora colorata	White Star Sedge	DP-50	12" o.c., well developed roots
All Ornamental Grass plug plantings shall be over-seeded with Browntop Millet. Quantity to be determined by Trees Atlanta.					

Key	Qty	Botanical Name	Common Name	Size	Notes
WET -- Wetland Meadow Mix approximately 38,785 sf					
	1721	Asclepias incarnata	Swamp Milkweed	Qts.	18" o.c., full and dense, pink flowers, well developed roots
	1721	Helenium autumnale	Common Sneezeweed	Qts.	18" o.c., full and dense, yellow flowers, well developed roots
	1721	Helenium 'Moerheim Beauty'	Moerheim Beauty Sneezeweed	Qts.	18" o.c., full and dense, bronze flowers, well developed roots
	1721	Iris pseudacorus	Yellow Flag Iris	Qts.	18" o.c., full and dense, yellow flowers, well developed roots
	1721	Iris virginica	Southern Blue Flag Iris	Qts.	18" o.c., full and dense, blue flowers, well developed roots
	19385	Juncus effusus	Common Rush	DP-50	12" o.c., well developed roots

Plants with * will require multiple cultivars of same size and form.

Abbreviations:

MT: Multi-trunk
CT: Clear Trunk
MIN: Minimum
GAL: Gallon
CL: Central Leader
SF: Squar Feet
DP-50: Deep Plug 50 Count
PLS: Pure Live Seed
CAL: Caliper
HGT: Height
O.C.: On Center
QTS: Quart
CY: Cubic Yards
LBS: Pounds

Plants to be added for 100% set

Tussock Sedge
Common Wood Sedge
Tufted Hair Grass
Broomsedge
Heavy Metal Switchgrass
Baptisia
Gaillardia

90% Coordination Set,
Plant Schedule in progress

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

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SCALE IN FEET
0 20 40 80

REVISION DATES

PLANTING PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
PLANT SCHEDULE

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	29-100
CORRECTED:		DATE:	
VERIFIED:		DATE:	

10/23/2015 GPLN

Planting Notes

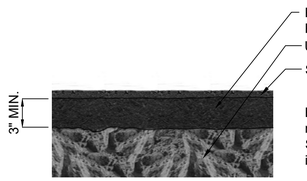
1. Refer to the Department of Transportation State of Georgia Special Provision Atlanta Beltline, Inc., section 702, Vine, Shrub, and Tree planting, and section 893, Miscellaneous plant materials. Notes are in addition to Special Provision notes, any conflicts that arise between the Special Provision document and the notes herein, the Special Provision shall govern.
2. Contractor shall verify all existing conditions in the field and report any discrepancies to the Landscape Architect or Owner's Representative prior to starting work.
3. No planting shall occur until soil samples have been received and all planting areas modified appropriately as per Special Provision section 893.
4. Plant selections reflect the nature of the planned environment and may need to be shifted due to as-built conditions. If built conditions do not match the plans stop work immediately and alert the Landscape Architect or Owner's Representative to confirm direction.
5. Stake location of all proposed trees and planting areas for approval by the Landscape Architect or Owner's Representative prior to the commencement of planting.
6. All new plant material shall conform to the guidelines established for nursery stock published by the American Association of Nurserymen, Inc. In addition, all new plant material for the project shall be of the highest specimen quality. Plant material delivered to the site that does not meet the requirements stated herein may be rejected by the Owner's Representative.
7. Do not assume trunk flare will be exposed at the nursery. Contractor to expose trunk flares to check for root girdling. Pull mulch away from the trunk flare of trees and from the base of all shrubs.
8. No plant material shall be planted before acceptance of rough grading. The finished grade shall not cover any part of the tree trunk flare. See tree planting detail.
9. All new plants shall be balled and burlapped or container grown unless otherwise noted on the plant schedule.
10. The Contractor shall locate and verify all existing utility lines prior to planting and report any conflicts to the Landscape Architect or Owner's Representative.
11. Apply mulch only in those areas identified on the plan to receive mulch and at the thickness specified on the plans. Mulch to be Arborist Wood Mulch. Depth varies per plant type. Confirm size of mulch prior to purchase and installation.
12. Thoroughly water trees and shrubs during the first 24 hours after planting. Wet the soil to a depth of 18-24". When runoff starts, stop watering, let the water soak in and repeat until the proper depth is wet.
13. Any proposed substitutions of plant species shall be made with plants of equivalent overall form, height, branching habit, flower, leaf, color, fruit, and culture only as approved by the Landscape Architect or Owner' Representative.
14. All areas to be seeded shall receive soil preparation as specified in Special Provision 702.3.03 prior to seeding, unless otherwise noted on plan.
15. Contractor's base bid to include all materials, labor, permits, equipment, tools, insurance, etc. to perform the work as described in the contract documents.
16. Contractor to complete work within schedule established by Owner.
17. Contractor to provide one year warranty for all material from date of substantial completion. Contractor to provide interim maintenance (watering, pruning, fertilizing, guying, mowing, trimming, adequate drainage of ponding areas, edging, weeding, mulching, and general landscape clean-up) until substantial completion notice is provided by the Owner's Representative. Application of insecticides/herbicides must be approved by Landscape Architect prior to use on site.
18. Shade trees to be planted a minimum of 5' from sidewalks, water line, sewer line or manholes. Evergreen and ornamental trees to be planted a minimum of 3' from sidewalks, water line, sewer line or manholes.

Instructions For Existing Soil Sampling:

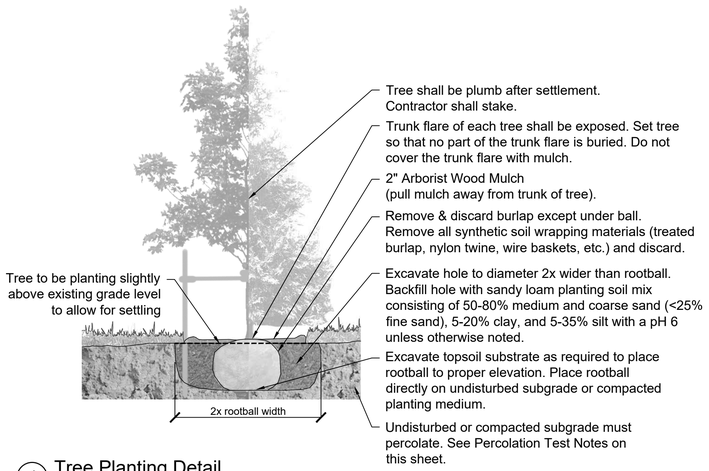
1. Using a spade, dig a v-shape hole to a 6" depth; then cut a thin slice of soil from one side of the hole. Place the slice in a plastic bucket, do not use a metal bucket. Mix slices together and fill a plastic sample bag with three (3) cups of dirt. The sample bags can be ziploc bags that are labeled with the project name and sample number.
2. A well mixed composite from 10 to 20 random locations should be subsampled to make the three (3) cup sample.
3. Mark the plan to show soil sample locations.
4. Send samples to Waypoint Analytical Labs, Inc., 2790 Whitten Road, Memphis, Tennessee 38133, 800-264-4522, www.al-labs.com.
5. Results to be copied to the Owner.

Percolation Test Notes

1. Dig a hole 18- 24" deep & a minimum of 6" wide.
2. Fill hole with water to the top and let drain for several hours. Ideally let the hole pre-wet over night and test the following day.
3. Refill hole to within a couple inches of the top.
4. To aid in measurement, place a stick across the top of the hole and use a second stick to mark periodic drops in water level; mark side of hole; or mark soil on side of hole with nail or stick.
5. Measure drop in water level after 30 minutes and one hour. If possible measure drop in water level the next day.
6. Determine drop in water level per hour. If water level in hole drops more than one inch per hour, it is well drained and suitable for all plant species.

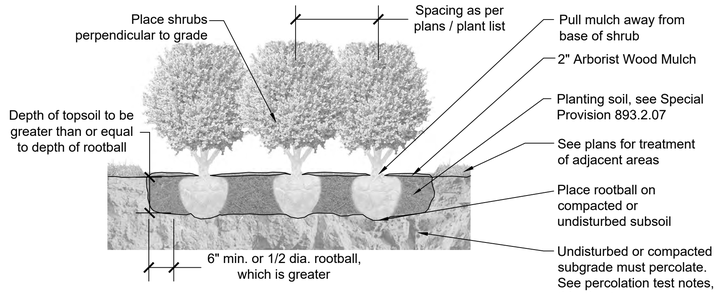


5 Seed Detail
Scale: NTS

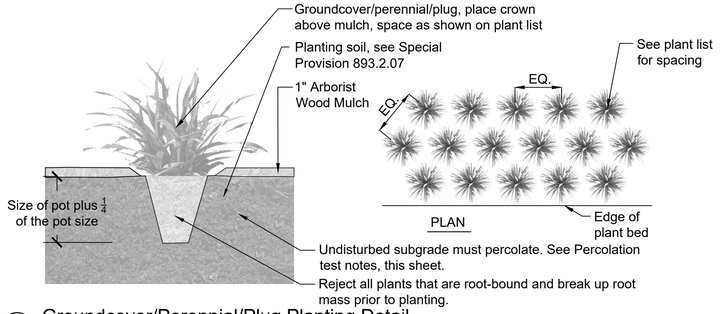


1 Tree Planting Detail
Scale: NTS

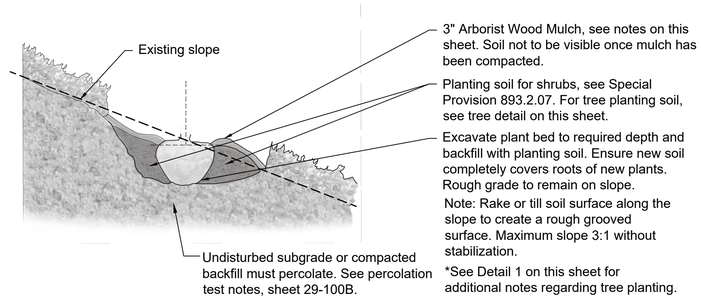
Verify GDOT Special Provision information



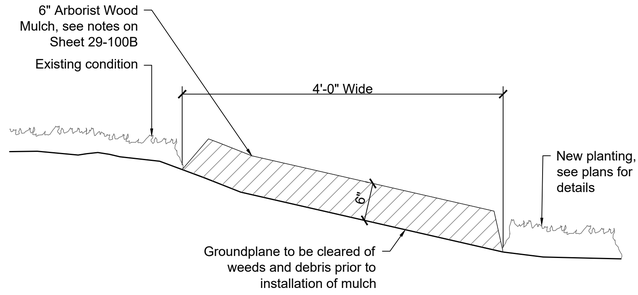
2 Shrub Planting Detail
Scale: NTS



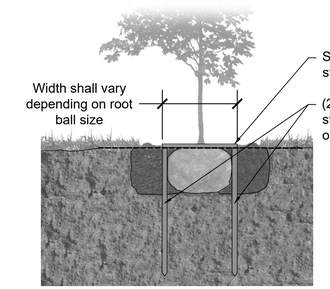
3 Groundcover/Perennial/Plug Planting Detail
Scale: NTS



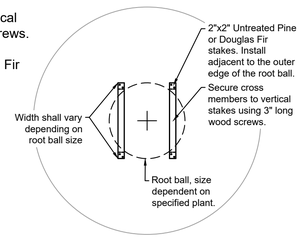
4 Slope Planting Detail
Scale: NTS



6 Maintenance Strip Detail
Scale: NTS



7 Tree Staking Detail
Scale: NTS



Tree Staking Detail: Plan View
Scale: 1/2"=1'-0"

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
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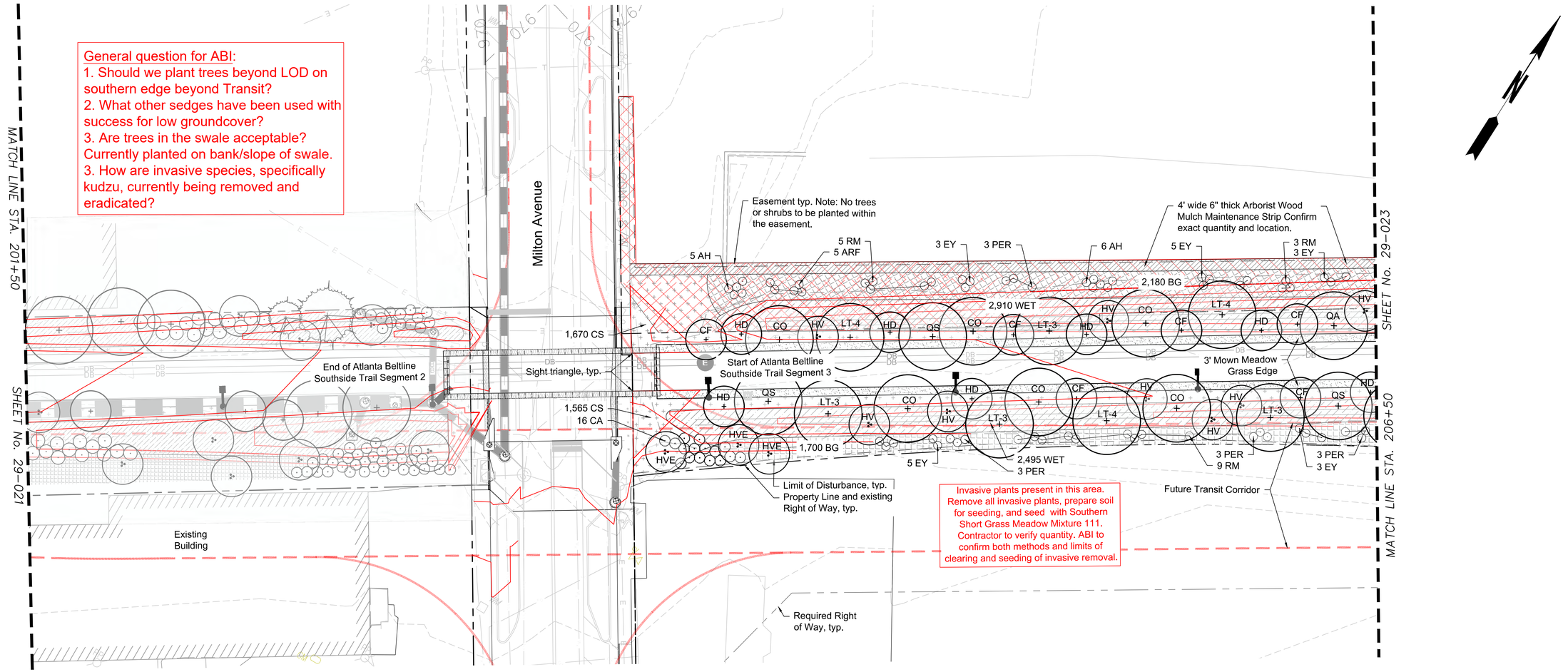
SCALE IN FEET
0 20 40 80

REVISION DATES

PLANTING PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
Planting Details and Notes

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	29-100A
CORRECTED:		DATE:	
VERIFIED:		DATE:	

10/23/2015 GPLN



Plant Schedule: See Sheet 29-000 through 29-000A for master plant schedule, details and notes.

Key	Qty	Botanical Name	Common Name	Size	Notes
Trees					
CF	6	Cornus florida 'Appalachian Snow'	Appalachian Snow Dogwood	3" cal.	4' CT, CL, full and well branched
CO	6	Carya ovata	Shagbark Hickory	3" cal.	6' CT, CL, full and well branched
HD	7	Halesia diptera	Two-Winged Silverbell	3" cal.	4' CT, CL, full and well branched
LT-3	4	Liriodendron tulipifera	Tulip Poplar	3" cal.	6' CT, CL, full and well branched
LT-4	3	Liriodendron tulipifera	Tulip Poplar	4" cal.	6' CT, CL, full and well branched
QA	1	Quercus alba	White Oak	4" cal.	6' CT, CL, full and well branched
QS	3	Quercus shumardii 'Panache'	Panache Shumard Oak	4" cal.	6' CT, CL, full and well branched
Shrubs & Groundcover					
AH	11	Amsonia hubrichtii	Threadleaf Bluestar	Qts.	3' o.c., well developed roots, blue flowers
ARF	5	Aster oblongifolia 'Raydon's Favorite'	Raydon's Favorite Aster	Qts.	3' o.c., well developed roots, purple flowers
CA	16	Callicarpa americana	American Beautyberry	7 gal.	4' o.c., full and dense
CS	3235	Carex cherokeensis	Cherokee Sedge	DP-50	12" o.c., well developed roots
EY	19	Eryngium yuccifolium	Rattlesnake Master	Qts.	3' o.c., well developed roots, white flowers
HV	8	Hamamelis virginiana 'Harvest Moon'	Harvest Moon Witch Hazel	8' hgt.	MT, 5 cane min., full and well branched
HVE	3	Hamamelis vernalis 'Autumn Embers'	Autumn Embers Ozark Witch Hazel	6' hgt.	MT, 5 cane min., full and well branched
PER	12	Perovskia atriplicifolia	Russian Sage	Qts.	3' o.c., well developed roots, purple flowers
RM	17	Rudbeckia maxima	Large Coneflower	Qts.	3' o.c., well developed roots, yellow flowers
Ornamental Grass					
BG	3880	Bouteloua gracilis 'Blonde Ambition'	Blonde Ambition Blue Grama Grass	DP-50	12" o.c., well developed roots

WET- Wetland Meadow Mix 5,405 sf				
240	Asclepias incarnata	Swamp Milkweed	Qts.	18" o.c., full and dense, pink flowers, well developed roots
240	Helenium autumnale	Common Sneezeweed	Qts.	18" o.c., full and dense, yellow flowers, well developed roots
240	Helenium 'Moerheim Beauty'	Morheim Beauty Sneezeweed	Qts.	18" o.c., full and dense, bronze flowers, well developed roots
240	Iris pseduacorus	Yellow Flag Iris	Qts.	18" o.c., full and dense, yellow flowers, well developed roots
240	Iris virginica	Southern Blue Flag Iris	Qts.	18" o.c., full and dense, blue flowers, well developed roots
2700	Juncus effusus	Common Rush	DP-50	12" o.c., well developed roots
Southern Short Grass Meadow Mix 111 (Roundstone Seed)				
WM		Southern Short Grass Meadow Mix	Lbs.	8 PLS/acre, Roundstone Seed: Meadow Mix 111, quantity to be verified

General Notes:

1. New plant beds to encompass areas disturbed by construction. Prior to purchase of plant material contractor to verify that the plans match the as-built conditions. If conditions differ, stop work and communicate this to the Owner's Representative or the Landscape Architect.
2. Temporary and Permanent Easements to be staked on site. No trees or shrubs shall be planted within the easement..

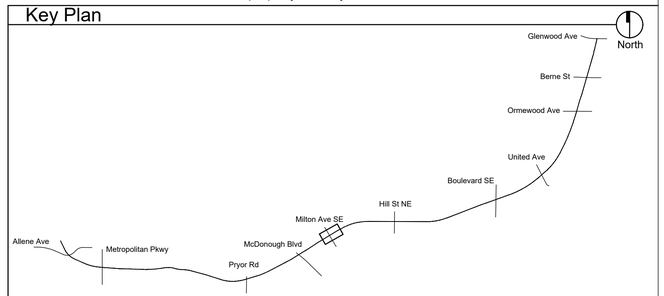
Abbreviations:

MT: Multi-trunk	CAL: Caliper
CL: Central Leader	GAL: Gallon
CT: Clear Trunk	HGT: Height
MIN: Minimum	O.C.: On Center
QTS: Quart	DP-50: Deep Plug 50 Count

Hatch Legend:

- (BG) Bouteloua gracilis 'Blonde Ambition'
- (WET) Wetland Mix
- (CS) Carex cherokeensis
- Maintenance Strip between Beltline property and adjacent

Key Plan



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

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OFFICE TEL: (865) 329.0012

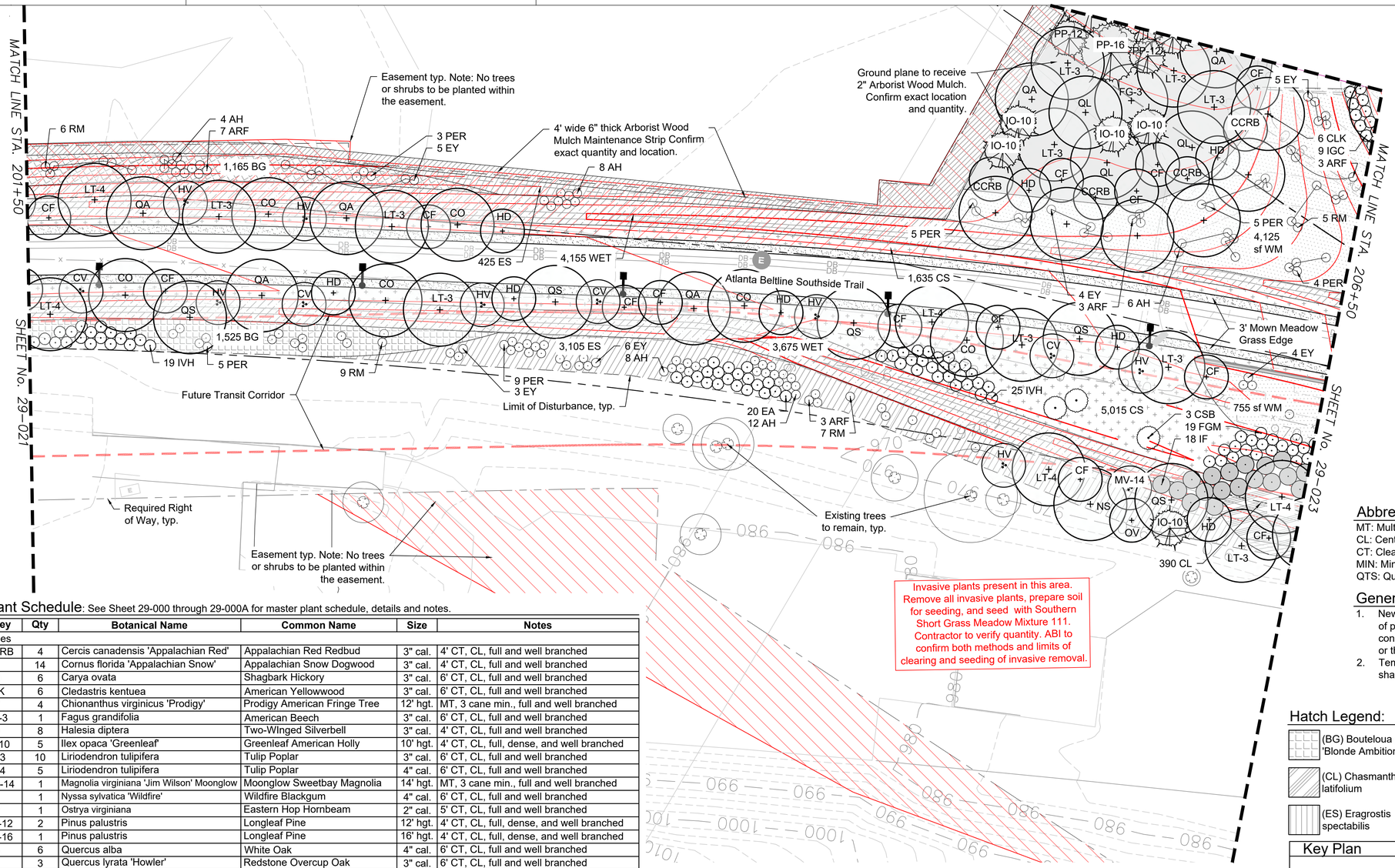
SCALE IN FEET
0 20 40 80

REVISION DATES

PLANTING PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	29-101
VERIFIED:		DATE:	

10/23/2015 GPLN



Invasive plants present in this area. Remove all invasive plants, prepare soil for seeding, and seed with Southern Short Grass Meadow Mixture 111. Contractor to verify quantity. ABI to confirm both methods and limits of clearing and seeding of invasive removal.

General question for ABI:
1. Should we plant trees beyond LOD on southern edge beyond Transit?
2. How are invasive species, specifically kudzu currently being removed and eradicated?

Plant Schedule: See Sheet 29-000 through 29-000A for master plant schedule, details and notes.

Key	Qty	Botanical Name	Common Name	Size	Notes
Trees					
CCRB	4	Cercis canadensis 'Appalachian Red'	Appalachian Red Redbud	3" cal.	4' CT, CL, full and well branched
CF	14	Cornus florida 'Appalachian Snow'	Appalachian Snow Dogwood	3" cal.	4' CT, CL, full and well branched
CO	6	Carya ovata	Shagbark Hickory	3" cal.	6' CT, CL, full and well branched
CLK	6	Cladastris kentuea	American Yellowwood	3" cal.	6' CT, CL, full and well branched
CV	4	Chionanthus virginicus 'Prodigy'	Prodigy American Fringe Tree	12' hgt.	MT, 3 cane min., full and well branched
FG-3	1	Fagus grandifolia	American Beech	3" cal.	6' CT, CL, full and well branched
HD	8	Halesia diptera	Two-WInged Silverbell	3" cal.	4' CT, CL, full and well branched
IO-10	5	Ilex opaca 'Greenleaf'	Greenleaf American Holly	10' hgt.	4' CT, CL, full, dense, and well branched
LT-3	10	Liriodendron tulipifera	Tulip Poplar	3" cal.	6' CT, CL, full and well branched
LT-4	5	Liriodendron tulipifera	Tulip Poplar	4" cal.	6' CT, CL, full and well branched
MV-14	1	Magnolia virginiana 'Jim Wilson' Moonglow	Moonglow Sweetbay Magnolia	14' hgt.	MT, 3 cane min., full and well branched
NS	1	Nyssa sylvatica 'Wildfire'	Wildfire Blackgum	4" cal.	6' CT, CL, full and well branched
OV	1	Ostrya virginiana	Eastern Hop Hornbeam	2" cal.	5' CT, CL, full and well branched
PP-12	2	Pinus palustris	Longleaf Pine	12' hgt.	4' CT, CL, full, dense, and well branched
PP-16	1	Pinus palustris	Longleaf Pine	16' hgt.	4' CT, CL, full, dense, and well branched
QA	6	Quercus alba	White Oak	4" cal.	6' CT, CL, full and well branched
QL	3	Quercus lyrata 'Howler'	Redstone Overcup Oak	3" cal.	6' CT, CL, full and well branched
QS	5	Quercus shumardii 'Panache'	Panache Shumard Oak	4" cal.	6' CT, CL, full and well branched
Shrubs & Groundcover					
AH	38	Amsonia hubrichtii	Threadleaf Bluestar	Qts.	3' o.c., well developed roots, blue flowers
ARF	16	Aster oblongifolius 'Raydon's Favorite'	Raydon's Favorite Aster	Qts.	3' o.c., well developed roots, purple flowers
CS	6650	Carex cherokeensis	Cherokee Sedge	DP-50	12" o.c., well developed roots
CSB	3	Cotinus coggygria 'Royal Purple'	Royal Purple Smokebush	6' hgt.	Full and dense, purple leaves
EA	20	Euonymous americanus	Strawberry Bush	7 gal.	4' o.c., full and dense
EY	27	Eryngium yuccifolium	Rattlesnake Master	Qts.	3' o.c., well developed roots, white flowers
FGM	19	Fothergilla 'Mt. Airy'	Mt. Airy Fothergilla	7 gal.	4' o.c., full and dense, white flowers
HV	7	Hamamelis virginiana 'Harvest Moon'	Harvest Moon Witch Hazel	8' hgt.	MT, 5 cane min., full and well branched
IF	18	Illicium floridanum 'Halley's Comet'	Halley's Comet Florida Anise-tree	7 gal.	6' o.c., full and dense, red flowers
IGC	9	Ilex glabra 'Compacta'	Compacta Inkberry Holly	7 gal.	4' o.c., full and dense
IVH	44	Itea virginica 'Henry's Garnet'	Henry's Garnet Sweetspire	7 gal.	4' o.c., full and dense, white flowers
PER	31	Perovskia atriplicifolia	Russian Sage	Qts.	3' o.c., well developed roots, purple flowers
RM	27	Rudbeckia maxima	Large Coneflower	Qts.	3' o.c., well developed roots, yellow flowers

Key	Qty	Botanical Name	Common Name	Size	Notes
Ornamental Grass					
BG	2690	Bouteloua gracilis 'Blonde Ambition'	Blonde Ambition Blue Grama Grass	DP-50	12" o.c., well developed roots
CL	390	Chasmanthium latifolium	River Oats	DP-50	12" o.c., well developed roots
ES	3530	Eragrostis spectabilis	Purple Love Grass	DP-50	12" o.c., well developed roots
WET - Wetland Mix 7,830 sf					
350	Asclepias incarnata	Swamp Milkweed	Qts.	18" o.c., full and dense, pink flowers, well developed roots	
350	Helenium autumnale	Common Sneezeweed	Qts.	18" o.c., full and dense, yellow flowers, well developed roots	
350	Helenium 'Moerheim Beauty'	Morheim Beauty Sneezeweed	Qts.	18" o.c., full and dense, bronze flowers, well developed roots	
350	Iris pseduacorus	Yellow Flag Iris	Qts.	18" o.c., full and dense, yellow flowers, well developed roots	
350	Iris virginica	Southern Blue Flag Iris	Qts.	18" o.c., full and dense, blue flowers, well developed roots	
3915	Juncus effusus	Common Rush	DP-50	12" o.c., well developed roots	
Southern Short Grass Meadow Mix 111 (Roundstone Seed)					
WM	1	Southern Short Grass Meadow Mix	Lbs.	8 PLS/acre, Roundstone Seed: Meadow Mix 111, quantity to be verified	

Abbreviations:

MT: Multi-trunk	CAL: Caliper
CL: Central Leader	GAL: Gallon
CT: Clear Trunk	HGT: Height
MIN: Minimum	O.C.: On Center
QTS: Quart	DP-50: Deep Plug 50 Count

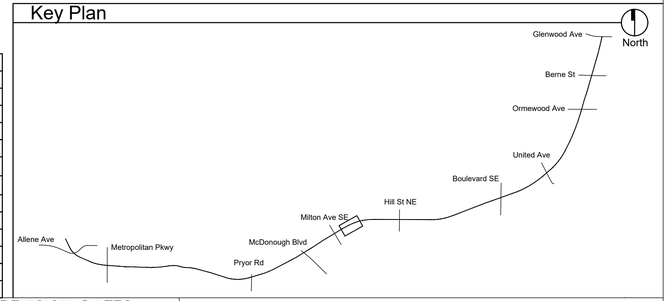
General Notes:

1. New plant beds to encompass areas disturbed by construction. Prior to purchase of plant material contractor to verify that the plans match the as-built conditions. If conditions differ, stop work and communicate this to the Owner's Representative or the Landscape Architect.
2. Temporary and Permanent Easements to be staked on site. No trees or shrubs shall be planted within the easement.

Hatch Legend:

- (BG) Bouteloua gracilis 'Blonde Ambition'
- (CS) Carex cherokeensis
- Arborist Wood Mulch
- (CL) Chasmanthium latifolium
- (WET) Wetland Mix
- Maintenance Strip between Beltline property and adjacent
- (ES) Eragrostis spectabilis
- (WM) Southern Short Grass Meadow Mix

Key Plan



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0 20 40 80

REVISION DATES

PLANTING PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	29-102
CORRECTED:		DATE:	
VERIFIED:		DATE:	

10/23/2015 GPLN

Plant Schedule: See Sheet 29-000 through 29-000A for master plant schedule, details and notes.

Key	Qty	Botanical Name	Common Name	Size	Notes
Trees					
CLK	1	Cledastris kentukea	American Yellowwood	3" cal.	6' CT, CL, full and well branched
PP-12	1	Pinus palustris	Longleaf Pine	12' hgt.	4' CT, CL, full, dense, and well branched
PP-16	2	Pinus palustris	Longleaf Pine	16' hgt.	4' CT, CL, full, dense, and well branched
QA	1	Quercus alba	White Oak	4" cal.	6' CT, CL, full and well branched
Shrubs & Groundcover					
AH	3	Amsonia hubrichtii	Threadleaf Bluestar	Qts.	3' o.c., well developed roots, blue flowers
EY	3	Eryngium yuccifolium	Rattlesnake Master	Qts.	3' o.c., well developed roots, white flowers
IGC	9	Ilex glabra 'Compacta'	Compacta Inkberry Holly	7 gal.	4' o.c., full and dense
PER	3	Perovskia atriplicifolia	Russian Sage	Qts.	3' o.c., well developed roots, purple flowers
RM	8	Rudbeckia maxima	Large Coneflower	Qts.	3' o.c., well developed roots, yellow flowers
Ornamental Grass					
CL	640	Chasmanthium latifolium	River Oats	DP-50	12" o.c., well developed roots
Southern Short Grass Meadow Mix 111 (Roundstone Seed)					
WM	0.5000	Southern Short Grass Meadow Mix	Lbs.	8 PLS/acre, Roundstone Seed: Meadow Mix 111, quantity to be verified	

Abbreviations:

MT: Multi-trunk	CAL: Caliper
CL: Central Leader	GAL: Gallon
CT: Clear Trunk	HGT: Height
MIN: Minimum	O.C.: On Center
QTS: Quart	DP-50: Deep Plug 50 Count

General Notes:

1. New plant beds to encompass areas disturbed by construction. Prior to purchase of plant material contractor to verify that the plans match the as-built conditions. If conditions differ, stop work and communicate this to the Owner's Representative or the Landscape Architect.
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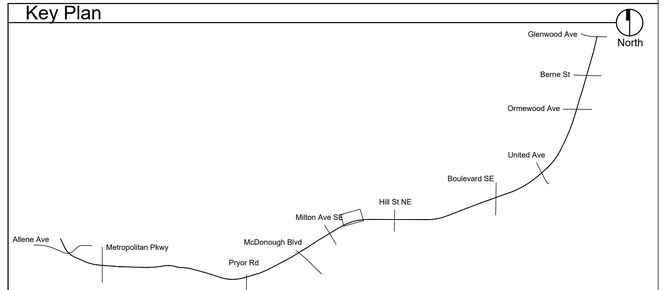
Hatch Legend:

(CL) Chasmanthium latifolium

(WM) Wildflower Meadow Mix

Key Plan



PROPERTY AND EXISTING R/W LINE

REQUIRED R/W LINE

CONSTRUCTION LIMITS

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TEMPORARY EASEMENT FOR CONST. OF SLOPES

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REVISION DATES

PLANTING PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

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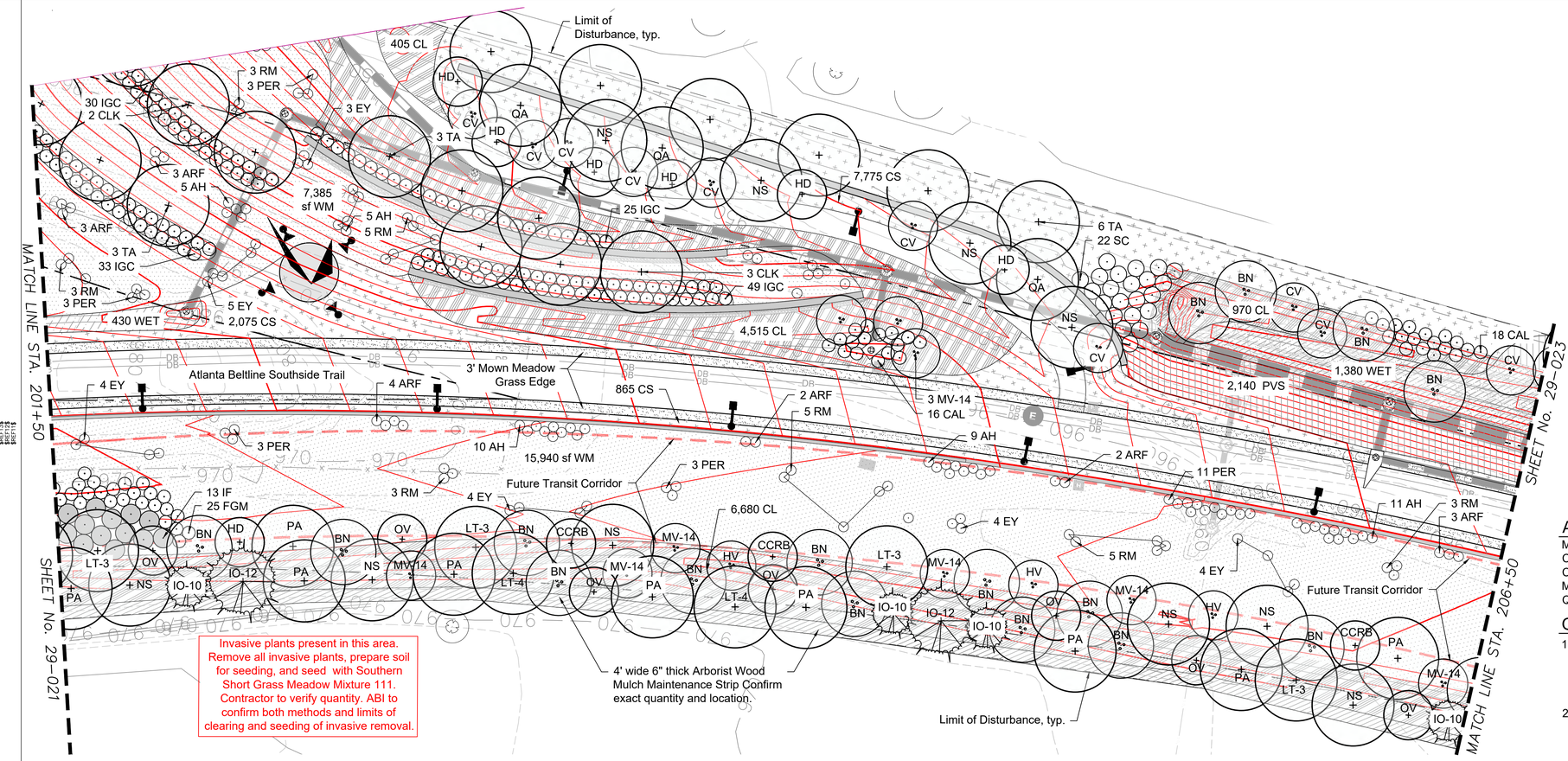
CORRECTED:		DATE:	
VERIFIED:		DATE:	



General question for ABI:
1. Should we plant trees beyond LOD on southern edge beyond Transit?
2. How are invasive species, specifically kudzu currently being removed and eradicated?

Abbreviations:

MT: Multi-trunk	CAL: Caliper
CL: Central Leader	GAL: Gallon
CT: Clear Trunk	HGT: Height
MIN: Minimum	O.C.: On Center
QTS: Quart	DP-50: Deep Plug 50 Count

General Notes:

1. New plant beds to encompass areas disturbed by construction. Prior to purchase of plant material contractor to verify that the plans match the as-built conditions. If conditions differ, stop work and communicate this to the Owner's Representative or the Landscape Architect.
2. Temporary and Permanent Easements to be staked on site. No trees or shrubs shall be planted within the easement.

Plant Schedule: See Sheet 29-000 through 29-000A for master plant schedule, details and notes.

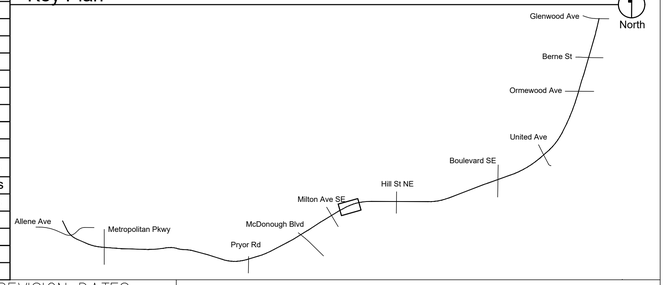
Key	Qty	Botanical Name	Common Name	Size	Notes
Trees					
BN	16	Betula nigra 'City Slicker'	City Slicker River Birch	14' hgt.	MT, 3 cane min, full and well branched
CCRB	3	Cercis canadensis 'Appalachian Red'	Appalachian Red Redbud	3" cal.	4' CT, CL, full and well branched
CLK	5	Cladestris kentukea	American Yellowwood	3" cal.	6' CT, CL, full and well branched
CV	10	Chionanthus virginicus 'Prodigy'	Prodigy American Fringe Tree	12' hgt.	MT, 3 cane min., full and well branched
HD	7	Halesia diptera	Two-winged Silverbell	3" cal.	4' CT, CL, full and well branched
IO-10	4	Ilex opaca 'Greenleaf'	Greenleaf American Holly	10' hgt.	4' CT, CL, full, dense, and well branched
IO-12	2	Ilex opaca 'Greenleaf'	Greenleaf American Holly	12' hgt.	4' CT, CL, full, dense, and well branched
LT-3	3	Liriodendron tulipifera	Tulip Poplar	3" cal.	6' CT, CL, full and well branched
LT-4	2	Liriodendron tulipifera	Tulip Poplar	4" cal.	6' CT, CL, full and well branched
MV-14	9	Magnolia virginiana 'Jim Wilson' Moonglow	Moonglow Sweetbay Magnolia	14' hgt.	MT, 3 cane min., full and well branched
NS	10	Nyssa sylvatica 'Wildfire'	Wildfire Blackgum	4" cal.	6' CT, CL, full and well branched
OV	7	Ostrya virginiana	Eastern Hop Hornbeam	2" cal.	5' CT, CL, full and well branched
PA	9	Platanus x acerifolia 'Morton Circle'	Exclamation London Planetree	4" cal.	6' CT, CL, full and well branched
QA	3	Quercus alba	White Oak	4" cal.	6' CT, CL, full and well branched
TA	12	Tilia americana 'Continental Appeal'	Continental Appeal American Linden	4" cal.	6' CT, CL, full and well branched

Key	Qty	Botanical Name	Common Name	Size	Notes
Shrubs & Groundcover					
AH	40	Amsonia hubrichtii	Threadleaf Bluestar	Qts.	3' o.c., well developed roots, blue flowers
ARF	17	Aster oblongifolius 'Raydon's Favorite'	Raydon's Favorite Aster	Qts.	3' o.c., well developed roots purple flowers
CAL	34	Callicarpa americana v. 'Lactea'	Lactea White Beautyberry	7 gal.	4' o.c., full and dense, white berries
CS	10715	Carex cherokeensis	Cherokee Sedge	Plug	12" o.c., well developed roots
EY	24	Eryngium yuccifolium	Rattlesnake Master	Qts.	3' o.c., well developed roots, white flowers
FGM	25	Fothergilla 'Mt. Airy'	Mt. Airy Fothergilla	7 gal.	4' o.c., full and dense, white flowers
HV	3	Hamamelis virginiana 'Harvest Moon'	Harvest Moon Witch Hazel	8' hgt.	MT, 5 cane min., full and well branched
IF	13	Illicium floridanum 'Halley's Comet'	Halley's Comet Florida Anise-tree	7 gal.	6' o.c., full and dense, red flowers
IGC	137	Ilex glabra 'Compacta'	Compacta Inkberry Holly	7 gal.	4' o.c., full and dense
PER	23	Perovskia atriplicifolia	Russian Sage	Qts.	3' o.c., well developed roots, purple flowers
RM	27	Rudbeckia maxima	Large Coneflower	Qts.	3' o.c., well developed roots, yellow fowers
SC	22	Sambucus canadensis 'Adam's'	Adam's Elderberry	7 gal.	5' o.c., full and dense, white flowers
Ornamental Grass					
CL	12570	Chasmanthium latifolium	River Oats	DP-50	12" o.c., well developed roots
PVS	2140	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	DP-50	12" o.c., well developed roots
WET - Wetland Mix 1,810 sf					
80	Asclepias incarnata	Swamp Milkweed	Qts.	18" o.c., full and dense, pink flowers, well developed roots	
80	Helenium autumnale	Common Sneezeweed	Qts.	18" o.c., full and dense, yellow flowers, well developed roots	
80	Helenium 'Moerheim Beauty'	Morheim Beauty Sneezeweed	Qts.	18" o.c., full and dense, bronze flowers, well developed roots	
80	Iris pseduacorus	Yellow Flag Iris	Qts.	18" o.c., full and dense, yellow flowers, well developed roots	
80	Iris virginica	Southern Blue Flag Iris	Qts.	18" o.c., full and dense, blue flowers, well developed roots	
905	Juncus effusus	Common Rush	DP-50	12" o.c., well developed roots	
Southern Short Grass Meadow Mix 111 (Roundstone Seed)					
WM	4.2500	Southern Short Grass Meadow	Lbs.	8 PLS/acre, Roundstone Seed: Meadow Mix 111, quantity to be verified	

Hatch Legend:

- (CL) Chasmanthium latifolium
- (WM) Wildflower Meadow Mix
- (PVS) Panicum virgatum 'Shenandoah'
- (WET) Wetland Mix
- (CS) Carex cherokeensis
- Maintenance Strip between Beltline property and adjacent

Key Plan



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0 20 40 80

REVISION DATES

PLANTING PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	29-103
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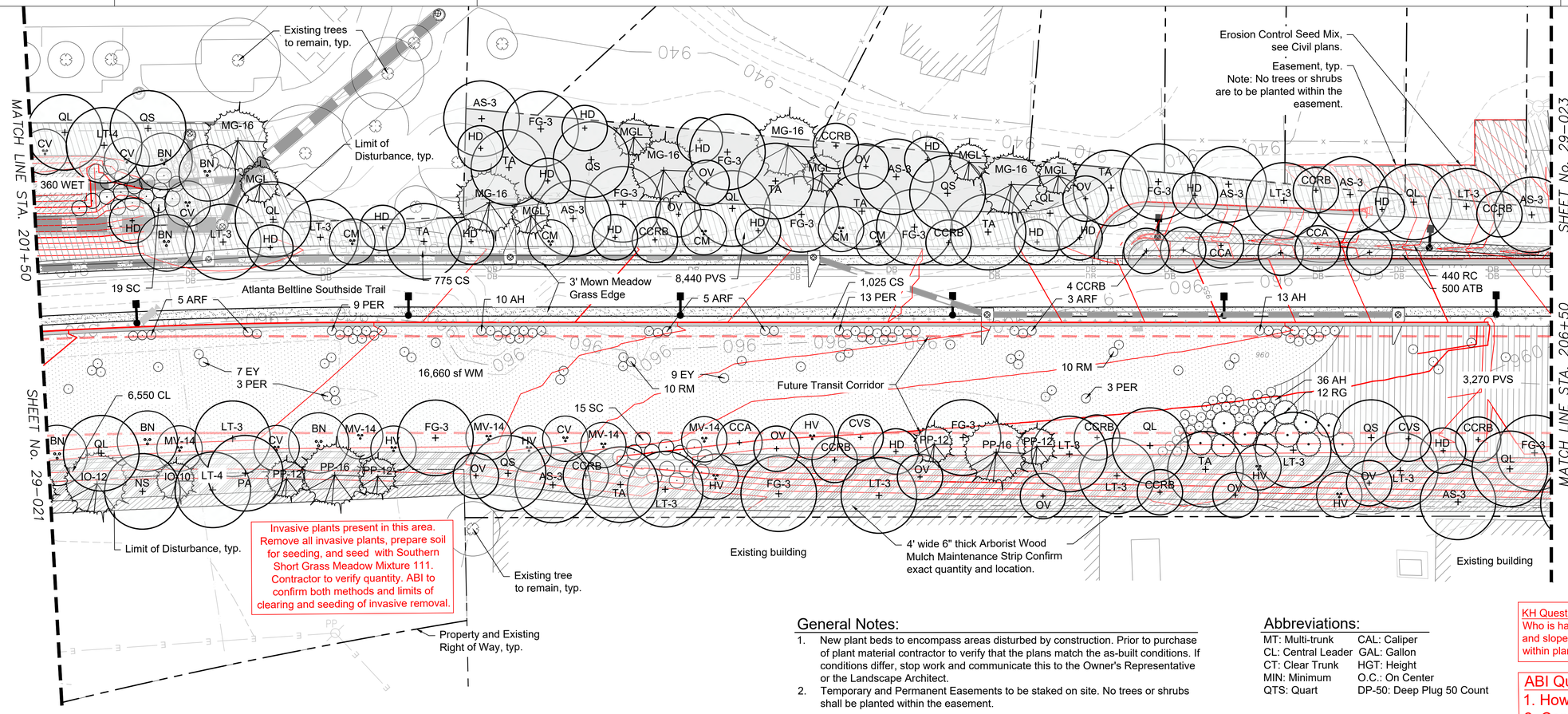
10/23/2015 GPLN



General Notes:

1. New plant beds to encompass areas disturbed by construction. Prior to purchase of plant material contractor to verify that the plans match the as-built conditions. If conditions differ, stop work and communicate this to the Owner's Representative or the Landscape Architect.
2. Temporary and Permanent Easements to be staked on site. No trees or shrubs shall be planted within the easement.

Abbreviations:

MT: Multi-trunk	CAL: Caliper
CL: Central Leader	GAL: Gallon
CT: Clear Trunk	HGT: Height
MIN: Minimum	O.C.: On Center
QTS: Quart	DP-50: Deep Plug 50 Count

KH Question:
Who is handling erosion control and slope stabilization when within planting area?

ABI Questions:
1. How do we handle 2:1 slopes?
2. Can we plant trees in swale?

Plant Schedule: See Sheet 29-000 through 29-000A for master plant schedule, details and notes.

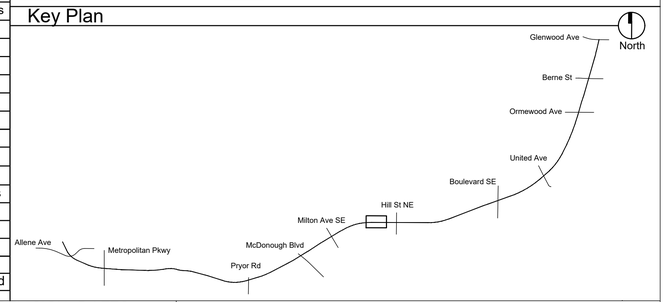
Key	Qty	Botanical Name	Common Name	Size	Notes
Trees					
AS-3	8	Acer saccharum 'Legacy'	Legacy Sugar Maple	3" cal.	6' CT, CL, full and well branched
BN	6	Betula nigra 'City Slicker'	City Slicker River Birch	14' hgt.	MT, 3 cane min., full and well branched
CCA	3	Cercis canadensis f. alba 'Royal White'	Royal White Eastern Whitebud	3" cal.	4' CT, CL, full and well branched
CCRB	14	Cercis canadensis 'Appalachian Red'	Appalachian Red Redbud	3" cal.	4' CT, CL, full and well branched
CM	5	Cornus mas 'Golden Glory'	Golden Glory Cornelian Cherry Dogwood	10' hgt.	MT, 3 cane min., full and well branched
CV	5	Chionanthus virginicus 'Prodigy'	Prodigy American Fringe Tree	12' hgt.	MT, 3 cane min., full and well branched
CVS	2	Chionanthus virginicus 'CV 1049'	Serenity American Fringe Tree	3" cal.	4' CT, CL, full and well branched
FG-3	10	Fagus grandifolia	American Beech	3" cal.	6' CT, CL, full and well branched
HD	17	Halesia diptera	Two-winged Silverbell	3" cal.	4' CT, CL, full and well branched
IO-10	1	Ilex opaca 'Greenleaf'	Greenleaf American Holly	10' hgt.	4' CT, CL, full, dense, and well branched
IO-12	1	Ilex opaca 'Greenleaf'	Greenleaf American Holly	12' hgt.	4' CT, CL, full, dense, and well branched
LT-3	11	Liriodendron tulipifera	Tulip Poplar	3" cal.	6' CT, CL, full and well branched
LT-4	2	Liriodendron tulipifera	Tulip Poplar	4" cal.	6' CT, CL, full and well branched
MG-16	5	Magnolia grandiflora 'Claudia Wannamaker'	Claudia Wannamaker Magnolia	16' hgt.	4' CT, full, dense, and well branched
MGL	6	Magnolia grandiflora 'Little Gem'	Little Gem Magnolia	12' hgt.	4' CT, CL, full and well branched
MV-14	5	Magnolia virginiana 'Jim Wilson' Moonglow	Moonglow Sweetbay Magnolia	14' hgt.	MT, 3 cane min., full and well branched
NS	1	Nyssa sylvatica 'Wildfire'	Wildfire Blackgum	4" cal.	6' CT, CL, full and well branched
OV	10	Ostrya virginiana	Eastern Hop Hornbeam	2" cal.	5' CT, CL, full and well branched
PA	1	Platanus x acerifolia 'Morton Circle'	Continental Appeal American Linden	4" cal.	6' CT, CL, full and well branched
PP-12	4	Pinus palustris	Longleaf Pine	12' hgt.	4' CT, CL, full, dense, and well branched
PP-16	2	Pinus palustris	Longleaf Pine	16' hgt.	4' CT, CL, full, dense, and well branched
QL	8	Quercus lyrata 'Howler'	Redstone Overcup Oak	3" cal.	6' CT, CL, full and well branched
QS	5	Quercus shumardii 'Panache'	Panache Shumard Oak	4" cal.	6' CT, CL, full and well branched
TA	8	Tilia americana 'Continental Appeal'	Continental Appeal American Linden	4" cal.	6' CT, CL, full and well branched

Key	Qty	Botanical Name	Common Name	Size	Notes
Shrubs & Groundcover					
AH	59	Amsonia hubrichtii	Threadleaf Bluestem	Qts.	3' o.c., well developed roots, blue flowers
ARF	13	Aster oblongifolius 'Raydon's Favorite'	Raydon's Favorite Aster	Qts.	3' o.c., well developed roots, purple flowers
CS	1800	Carex cherokeensis	Cherokee Sedge	DP-50	12" o.c., well developed roots
EY	16	Eryngium yuccifolium	Rattlesnake Master	Qts.	3' o.c., well developed roots, white flowers
HV	6	Hamamelis virginiana 'Harvest Moon'	Harvest Moon Witch Hazel	8' hgt.	MT, 5 cane min., full and well branched
PER	28	Perovskia atriplicifolia	Russian Sage	Qts.	3' o.c., well developed roots, purple flowers
RG	12	Rhus glabra	Smooth Sumac	7 gal.	8' o.c., full and dense
RM	20	Rudbeckia maxima	Large Coneflower	Qts.	3' o.c., well developed roots, yellow flowers
SC	34	Sambucus canadensis 'Adams'	Adam's Elderberry	7 gal.	5' o.c., full and dense, white flowers
Ornamental Grass					
ATB	500	Andropogon ternarius 'Black Mountain'	Black Mountain Bluestem	DP-50	12" o.c., well developed roots
CL	6550	Chasmanthium latifolium	River Oats	DP-50	12" o.c., well developed roots
PVS	11710	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	DP-50	12" o.c., well developed roots
RC	440	Rhynchospora colorata	White Star Sedge	DP-50	12" o.c., well developed roots
WET - Wetland Mix 360 sf					
16		Asclepias incarnata	Swamp Milkweed	Qts.	18" o.c., full and dense, pink flowers, well developed roots
16		Helenium autumnale	Common Sneezeweed	Qts.	18" o.c., full and dense, yellow flowers, well developed roots
16		Helenium 'Moerheim Beauty'	Morheim Beauty Sneezeweed	Qts.	18" o.c., full and dense, bronze flowers, well developed roots
16		Iris pseduacorus	Yellow Flag Iris	Qts.	18" o.c., full and dense, yellow flowers, well developed roots
16		Iris virginica	Southern Blue Flag Iris	Qts.	18" o.c., full and dense, blue flowers, well developed roots
180		Juncus effusus	Common Rush	DP-50	12" o.c., well developed roots
Southern Short Grass Meadow Mix 111 (Roundstone Seed)					
WM	3	Southern Short Grass Meadow		Lbs.	8 PLS/acre, Roundstone Seed: Meadow Mix 111, quantity to be verified

Hatch Legend:

- (ATB) Andropogon ternarius 'Black Mountain'
- (RC) Rhynchospora colorata
- Arborist Wood Mulch
- (CL) Chasmanthium latifolium
- (CS) Carex cherokeensis
- Maintenance Strip between Beltline property and adjacent
- (PVS) Panicum virgatum 'Shenandoah'
- (WET) Wetland Mix

Key Plan



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

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REVISION DATES

PLANTING PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:	DRAWING No.
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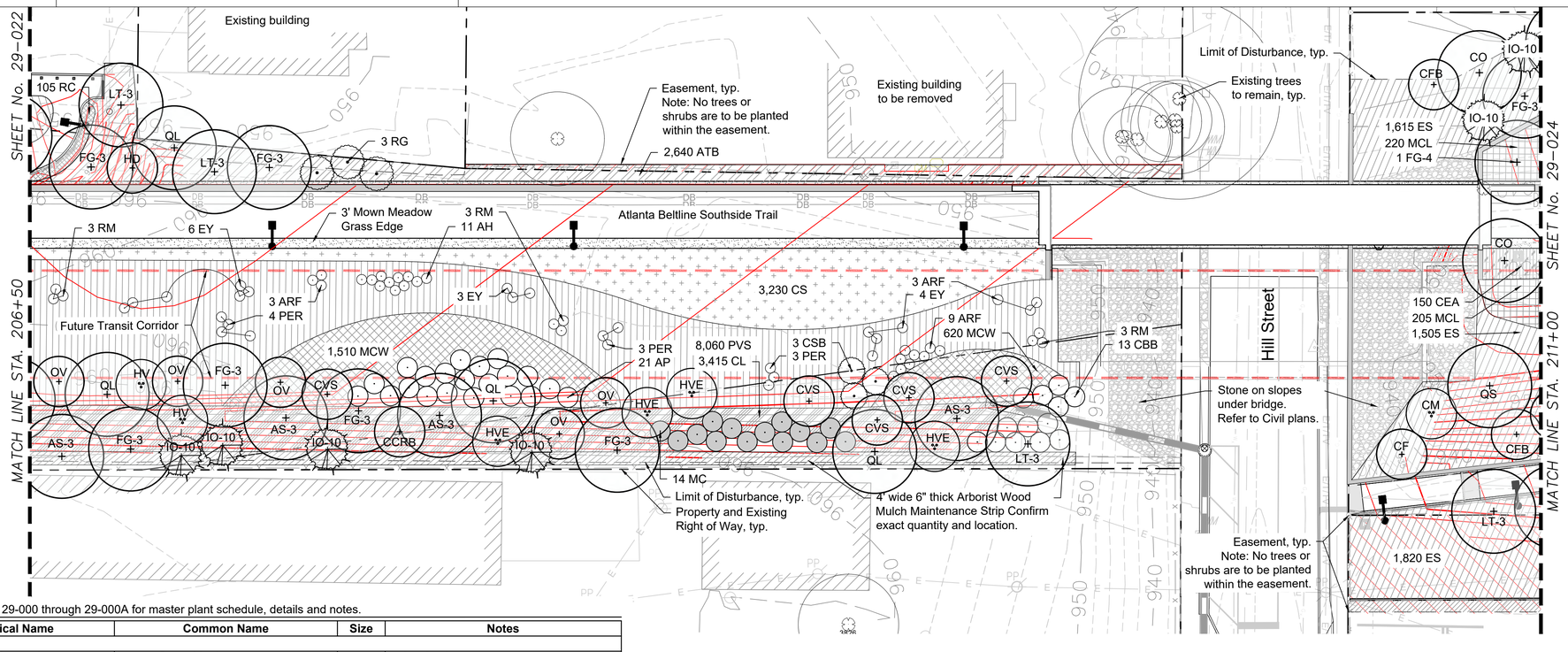

Plant Schedule: See Sheet 29-000 through 29-000A for master plant schedule, details and notes.

Key	Qty	Botanical Name	Common Name	Size	Notes
Trees					
AS-3	4	Acer saccharum 'Legacy'	Legacy Sugar Maple	3" cal.	6' CT, CL, full and well branched
CCRB	1	Cercis canadensis 'Appalachian Red'	Appalachian Red Redbud	3" cal.	4' CT, CL, full and well branched
CF	1	Cornus florida 'Appalachian Snow'	Appalachian Snow Dogwood	3" cal.	4' CT, CL, full and well branched
CFB	2	Cornus florida 'Comco No 1'	Cherokee Brave Dogwood	3" cal.	4' CT, CL, full and well branched
CM	1	Cornus mas 'Golden Glory'	Golden Glory Cornelian Cherry Dogwood	10' hgt.	MT, 3 cane min., full and well branched
CO	2	Carya ovata	Shagbark Hickory	3" cal.	6' CT, CL, full and well branched
CVS	5	Chionanthus virginicus 'CV 1049'	Serenity American Fringe Tree	3" cal.	4' CT, CL, full and well branched
FG-3	7	Fagus grandifolia	American Beech	3" cal.	6' CT, CL, full and well branched
FG-4	1	Fagus grandifolia	American Beech	4" cal.	6' CT, CL, full and well branched
HD	1	Halesia diptera	Two Winged Silverbell	3" cal.	4' CT, CL, full and well branched
IO-10	6	Ilex opaca 'Greenleaf'	Greenleaf American Holly	10' hgt.	4' CT, CL, full, dense, and well branched
LT-3	4	Liriodendron tulipifera	Tulip Poplar	3" cal.	6' CT, CL, full and well branched
OV	5	Ostrya virginiana	Eastern Hop Hornbeam	2" cal.	5' CT, CL, full and well branched
QL	4	Quercus lyrata 'Howler'	Redstone Overcup Oak	3" cal.	6' CT, CL, full and well branched
QS	1	Quercus shumardii 'Panache'	Panache Shumard Oak	4" cal.	6' CT, CL, full and well branched
Shrubs & Groundcover					
AH	11	Amsonia hubrichtii	Threadleaf Bluestar	Qts.	3' o.c., well developed roots, blue flowers
AP	21	Aesculus parviflora	Bottlebrush Buckeye	7 gal.	6' o.c., full and dense, white flowers
ARF	15	Aster oblongifolius 'Raydon's Favorite'	Raydon's Favorite Aster	Qts.	3' o.c., well developed roots, purple flowers
CEA	150	Carex elata 'Aurea'	Bowles Golden Sedge	DP-50	12" o.c., well developed roots
CBB	13	Cephalanthus occidentalis	Buttonbush	7 gal.	6' o.c., full and dense, white flowers
CS	3230	Carex cherokeensis	Cherokee Sedge	DP-50	12" o.c., well developed roots
CSB	3	Cotinus coggygria 'Royal Purple'	Royal Purple Smokebush	6' hgt.	Full and dense, purple leaves
EY	13	Eryngium yuccifolium	Rattlesnake Master	Qts.	3' o.c., well developed roots, white flowers
HV	2	Hamamelis virginiana 'Harvest Moon'	Harvest Moon Witch Hazel	8' hgt.	MT, 5 cane min., full and well branched
HVE	4	Hamamelis vernalis 'Autumn Embers'	Autumn Embers Ozark Witch Hazel	6' hgt.	MT, 5 cane min., full and well branched
MC	14	Morella cerifera	Wax Myrtle	7 gal.	6' o.c., full and dense
PER	10	Perovskia atriplicifolia	Russian Sage	Qts.	3' o.c., well developed roots, purple flowers
RG	3	Rhus glabra	Smooth Sumac	7 gal.	8' o.c., full and dense
RM	9	Rudbeckia maxima	Large Coneflower	Qts.	3' o.c., well developed roots, yellow flowers
Ornamental Grass					
ATB	2640	Andropogon ternarius 'Black Mountain'	Black Mountain Bluestem	DP-50	12" o.c., well developed roots
CL	3415	Chasmanthium latifolium	River Oats	DP-50	12" o.c., well developed roots
ES	4940	Eragrostis spectabilis	Purple Love Grass	DP-50	12" o.c., well developed roots
MCL	425	Muhlenbergia capillaris 'Lenca'	Regal Mist Muhly Grass	DP-50	12" o.c., well developed roots
MCW	2130	Muhlenbergia capillaris 'White Cloud'	White Cloud White Muhly Grass	DP-50	12" o.c., well developed roots
PVS	8060	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	DP-50	12" o.c., well developed roots
RC	105	Rhynchospora colorata	White Star Sedge	DP-50	12" o.c., well developed roots

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
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TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ABI Questions:
1. How do we handle 2:1 slopes?
2. Can we plant trees in swale?

Abbreviations:

MT: Multi-trunk	CAL: Caliper
CL: Central Leader	GAL: Gallon
CT: Clear Trunk	HGT: Height
MIN: Minimum	O.C.: On Center
QTS: Quart	DP-50: Deep Plug 50 Count

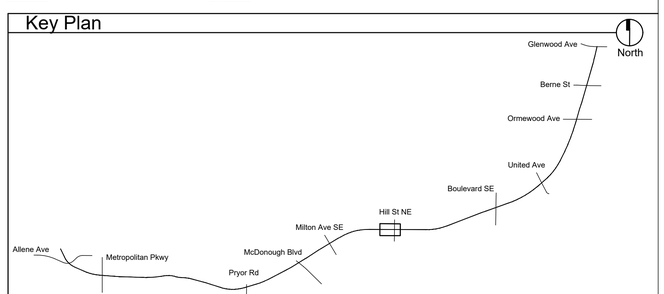
General Notes:

1. New plant beds to encompass areas disturbed by construction. Prior to purchase of plant material contractor to verify that the plans match the as-built conditions. If conditions differ, stop work and communicate this to the Owner's Representative or the Landscape Architect.
2. Temporary and Permanent Easements to be staked on site. No trees or shrubs shall be planted within the easement.

Hatch Legend:

- (ATB) Andropogon ternarius 'Black Mountain'
- (MCW) Muhlenbergia capillaris 'White Cloud'
- (CS) Carex cherokeensis
- (CL) Chasmanthium latifolium
- (PVS) Panicum virgatum 'Shenandoah'
- Arborist Wood Mulch
- (ES) Eragrostis spectabilis
- (RC) Rhynchospora colorata
- Maintenance Strip between Beltline property and adjacent
- (MCL) Muhlenbergia capillaris 'Lenca'
- (CEA) Carex elata 'Aurea'

Key Plan



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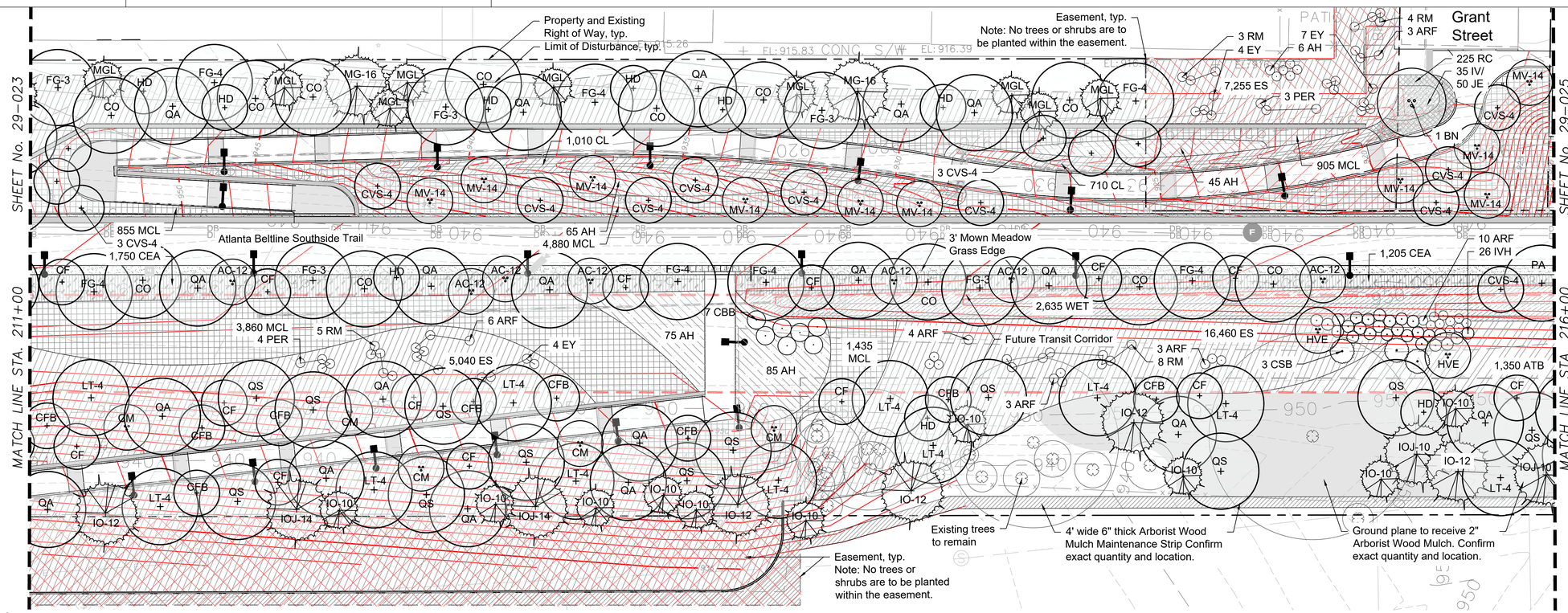
0 20 40 80

REVISION DATES

PLANTING PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	29-105
CORRECTED:		DATE:	
VERIFIED:		DATE:	

10/23/2015 GPLN



Plant Schedule: See Sheet 29-000 through 29-000A for master plant schedule, details and notes.

Key	Qty	Botanical Name	Common Name	Size	Notes
Trees					
AC-12	7	Amelanchier canadensis 'Autumn Brilliance'	Autumn Brilliance Serviceberry	12' hgt.	MT, 3 cane min., full and well branched
BN	1	Betula nigra 'City Slicker'	City Slicker River Birch	14' hgt.	MT, 3 cane min., full and well branched
CF	14	Cornus florida 'Appalachian Snow'	Appalachian Snow Dogwood	3" cal.	4' CT, CL, full and well branched
CFB	9	Cornus florida 'Comco No 1'	Cherokee Brave Dogwood	3" cal.	4' CT, CL, full and well branched
CM	5	Cornus mas 'Golden Glory'	Golden Glory Cornelian Cherry Dogwood	10' hgt.	MT, 3 cane min., full and well branched
CO	12	Carya ovata	Shagbark Hickory	3" cal.	6' CT, CL, full and well branched
CVS-4	16	Chionanthus virginicus 'CV 1049'	Serenity American Fringe Tree	4" cal.	4' CT, CL, full and well branched
FG-3	5	Fagus grandifolia	American Beech	3" cal.	6' CT, CL, full and well branched
FG-4	7	Fagus grandifolia	American Beech	4" cal.	6' CT, CL, full and well branched
HD	9	Halesia diptera	Two Winged Silverbell	3" cal.	4' CT, CL, full and well branched
IO-10	10	Ilex opaca 'Greenleaf'	Greenleaf American Holly	10' hgt.	4' CT, CL, full, dense, and well branched
IO-12	5	Ilex opaca 'Greenleaf'	Greenleaf American Holly	12' hgt.	4' CT, CL, full, dense, and well branched
IOJ-10	2	Ilex opaca 'Judy Evans'	Judy Evans American Holly	10' hgt.	4' CT, CL, full, dense, and well branched
IOJ-14	2	Ilex opaca 'Judy Evans'	Judy Evans American Holly	14' hgt.	4' CT, CL, full, dense, and well branched
LT-4	11	Liriodendron tulipifera	Tulip Poplar	4" cal.	6' CT, CL, full and well branched
MG-16	2	Magnolia grandiflora 'Claudia Wannamaker'	Claudia Wannamaker Magnolia	16' hgt.	4' CT, CL, full,dense, and well branched
MGL	9	Magnolia grandiflora 'Little Gem'	Little Gem Magnolia	12' hgt.	4' CT, CL, full, dense, and well branched
MV-14	10	Magnolia virginiana 'Jim Wilson' Moonglow	Moonglow Sweetbay Magnolia	14' hgt.	MT, 3 cane min., full and well branched
PA	1	Platanus x acerifolia 'Morton Circle'	Exclamation London Plane Tree	4" cal.	6' CT, CL, full and well branched
QA	18	Quercus alba	White Oak	4" cal.	6' CT, CL, full and well branched
QS	12	Quercus shumardii 'Panache'	Panache Shumard Oak	4" cal.	6' CT, CL, full and well branched
Shrubs & Groundcover					
AH	276	Amsonia hubrichtii	Threadleaf Bluestar	Qts.	3' o.c., well developd roots, blue flowers
ARF	29	Aster oblongifolius 'Raydon's Favorite'	Raydon's Favorite Aster	Qts.	3' o.c., well developed roots, purple flowers
CBB	7	Cephalanthus occidentalis	Buttonbush	7 gal.	6' o.c., full and dense, white flowers
CEA	2955	Carex elata 'Aurea'	Bowles Golden Sedge	DP-50	12" o.c., well developed roots
CSB	3	Cotinus coggygria 'Royal Purple'	Royal Purple Smokebush	6' hgt.	Full and dense, purple leaves
EY	15	Eryngium yuccifolium	Rattlesnake Master	Qts.	3' o.c., well developed roots, white flowers
HVE	2	Hamamelis vernalis 'Autumn Embers'	Autumn Embers Ozark Witch Hazel	6' hgt.	MT, 5 cane min., full and well branched
IV	35	Iris virginica	Southern Blue Flag Iris	Qts.	18" o.c., well developed roots, blue flowers
IVH	26	Itea virginica 'Henry's Garnet'	Henry's Garnet Sweetspire	7 gal.	4' o.c., full and dense, white flowers
PER	7	Perovskia atriplicifolia	Russian Sage	Qts.	3' o.c., well developed roots, purple flowers
RM	20	Rudbeckia maxima	Large Coneflower	Qts.	3' o.c., well developed roots, yellow flowers

Ornamental Grass					
ATB	1350	Andropogon ternarius 'Black Mountain'	Black Mountain Bluestem	DP-50	12" o.c., well developed roots
CL	1720	Chasmanthium latifolium	River Oats	DP-50	12" o.c., well developed roots
ES	28755	Eragrostis spectabilis	Purple Love Grass	DP-50	12" o.c., well developed roots
JE	50	Juncus effusus	Common Rush	DP-50	12" o.c., well developed roots
MCL	7055	Muhlenbergia capillaris 'Lenca'	Regal Mist Muhly Grass	DP-50	12" o.c., well developed roots
RC	225	Rhynchospora colorata	White Star Sedge	DP-50	12" o.c., well developed roots
WET- Wetland Meadow Mix 2,635 sf					
115	Asclepias incarnata	Swamp Milkweed	Qts.	18" o.c., full and dense, pink flowers, well developed roots	
115	Helenium autumnale	Common Sneezeweed	Qts.	18" o.c., full and dense, yellow flowers, well developed roots	
115	Helenium 'Moerheim Beauty'	Morheim Beauty Sneezeweed	Qts.	18" o.c., full and dense, bronze flowers, well developed roots	
115	Iris pseduacorus	Yellow Flag Iris	Qts.	18" o.c., full and dense, yellow flowers, well developed roots	
115	Iris virginica	Southern Blue Flag Iris	Qts.	18" o.c., full and dense, blue flowers, well developed roots	
1315	Juncus effusus	Common Rush	DP-50	12" o.c., well developed roots	

KH Question:
1. Header curb and proposed grading from Hill VC do not coordinate.
2. Trees to remain being graded through.

Abbreviations:

MT: Multi-trunk
CL: Central Leader
CT: Clear Trunk
MIN: Minimum
QTS: Quart
CAL: Caliper
GAL: Gallon
HGT: Height
O.C.: On Center
DP-50: Deep Plug 50 Count

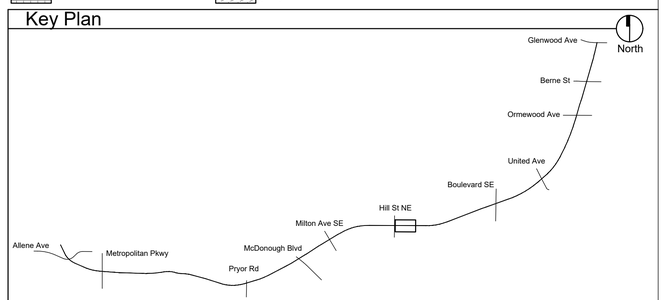
General Notes:

1. New plant beds to encompass areas disturbed by construction. Prior to purchase of plant material contractor to verify that the plans match the as-built conditions. If conditions differ, stop work and communicate this to the Owner's Representative or the Landscape Architect.
2. Temporary and Permanent Easements to be staked on site. No trees or shrubs shall be planted within the easement.

Hatch Legend:

(ATB) Andropogon ternarius 'Black Mountain'
(CL) Chasmanthium latifolium
(ES) Eragrostis spectabilis
(MCL) Muhlenbergia capillaris 'Lenca'
(RC) Rhynchospora colorata
(AH) Amsonia hubrichtii
(CEA) Carex elata 'Aurea'
(IV) Iris virginiana (JE) Juncus effusus
(WET) Wetland Mix
Maintenance Strip between Beltline property and adjacent
Arborist Wood Mulch

Key Plan



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REVISION DATES

PLANTING PLAN
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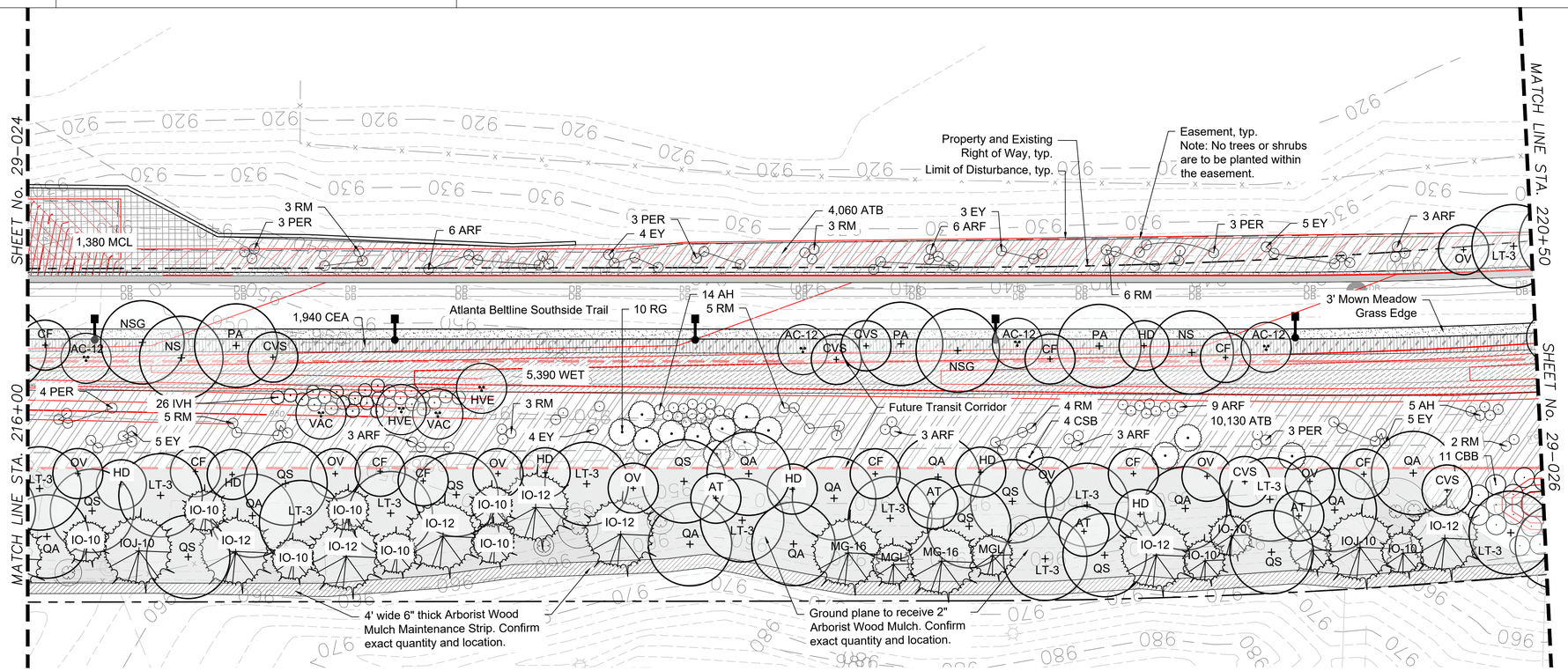


Plant Schedule: See Sheet 29-000 through 29-000A for master plant schedule, details and notes.

Key	Qty	Botanical Name	Common Name	Size	Notes
Trees					
AC-12	4	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	12' hgt.	MT, 3 cane min., full and well branched
AT	4	Asimina triloba	Paw Paw	3" cal.	6' CT, CL, full and well branched
CF	8	Cornus florida 'Appalachian Snow'	Appalachian Snow Dogwood	3" cal.	4' CT, CL, full and well branched
CVS	4	Chionanthus virginicus 'CV 1049'	Serenity American Fringe Tree	3" cal.	4' CT, CL, full and well branched
HD	7	Halesia diptera	Two-winged Silverbell	3" cal.	4' CT, CL, full and well branched
IO-10	11	Ilex opaca 'Greenleaf'	Greenleaf American Holly	10' hgt.	4' CT, CL, full, dense, and well branched
IO-12	7	Ilex opaca 'Greenleaf'	Greenleaf American Holly	12' hgt.	4' CT, CL, full, dense, and well branched
IOJ-10	2	Ilex opaca 'Judy Evans'	Judy Evans American Holly	10' hgt.	4' CT, CL, full, dense, and well branched
LT-3	12	Liriodendron tulipifera	Tulip Poplar	3" cal.	6' CT, CL, full and well branched
MG-16	2	Magnolia grandiflora 'Claudia Wannamaker'	Claudia Wannamaker Magnolia	16' hgt.	4' CT, CL, full, dense, and well branched
MGL	2	Magnolia grandiflora 'Little Gem'	Little Gem Magnolia	12' hgt.	4' CT, CL, full, dense, and well branched
NS	2	Nyssa sylvatica 'Wildfire'	Wildfire Blackgum	4" cal.	6' CT, CL, full and well branched
NSG	2	Nyssa sylvatica 'NSUHH'	Green Gable Blackgum	3" cal.	6' CT, CL, full and well branched
OV	8	Ostrya virginiana	Eastern Hop Hornbeam	2" cal.	5' CT, CL, full and well branched
PA	3	Platanus x acerifolia 'Morton Circle'	Exclamation London Plane Tree	4" cal.	6' CT, CL, full and well branched
QA	10	Quercus alba	White Oak	4" cal.	6' CT, CL, full and well branched
QS	9	Quercus shumardii 'Panache'	Panache Shumard Oak	4"cal.	6' CT, CL, full and well branched
Shrubs & Groundcover					
AH	19	Amsonia hubrichtii	Threadleaf Bluestar	Qts.	3' o.c., well developed roots, blue flowers
ARF	33	Aster oblongifolius 'Raydon's Favorite'	Raydon's Favorite Aster	Qts.	3' o.c., well developed roots, purple flowers
CBB	11	Cephalanthus occidentalis	Buttonbush	7 gal.	6' o.c., well developed roots, white flowers
CEA	1940	Carex elata 'Aurea'	Bowles Golden Sedge	DP-50	12" o.c., well developed roots
CSB	4	Cotinus coggygria 'Royal Purple'	Royal Purple Smokebush	6' hgt.	Full and dense, purple leaves
EY	26	Eryngium yuccifolium	Rattlesnake Master	Qts.	3' o.c., well developed roots, white flowers
HVE	2	Hamamelis vernalis 'Autumn Embers'	Autumn Embers Ozark Witch Hazel	6' hgt.	MT, 5 cane min., full and well branched
IVH	26	Itea virginiana 'Henry's Garnet'	Henry's Garnet Sweetspire	7 gal.	4' o.c., full and dense, white flowers
PER	16	Perovskia atriplicifolia	Russian Sage	Qts.	3' o.c., well developed roots, purple flowers
RG	10	Rhus glabra	Smooth Sumac	7 gal.	8' o.c., full and dense
RM	31	Rudbeckia maxima	Large Coneflower	Qts.	3' o.c., well developed roots, yellow flowers
VAC	2	Vitex agnus-castus 'Shoal Creek'	Shoal Creek Chaste Tree	6' hgt.	Full and dense, purple flowers
Ornamental Grass					
ATB	14190	Andropogon ternarius 'Black Mountain'	Black Mountain Bluestem	DP-50	12" o.c., well developed roots
MCL	1380	Muhlenbergia capillaris 'Lenca'	Regal Mist Muhly Grass	DP-50	12" o.c., well developed roots

WET- Wetland Meadow Mix 5,390 sf				
240	Asclepias incarnata	Swamp Milkweed	Qts.	18" o.c., full and dense, pink flowers, well developed roots
240	Helenium autumnale	Common Sneezeweed	Qts.	18" o.c., full and dense, yellow flowers, well developed roots
240	Helenium 'Moerheim Beauty'	Morheim Beauty Sneezeweed	Qts.	18" o.c., full and dense, bronze flowers, well developed roots
240	Iris pseudacorus	Yellow Flag Iris	Qts.	18" o.c., full and dense, yellow flowers, well developed roots
240	Iris virginica	Southern Blue Flag Iris	Qts.	18" o.c., full and dense, blue flowers, well developed roots
2695	Juncus effusus	Common Rush	DP-50	12" o.c., well developed roots

Abbreviations:

MT: Multi-trunk CAL: Caliper
CL: Central Leader GAL: Gallon
CT: Clear Trunk HGT: Height
MIN: Minimum O.C.: On Center
QTS: Quart DP-50: Deep Plug 50 Count

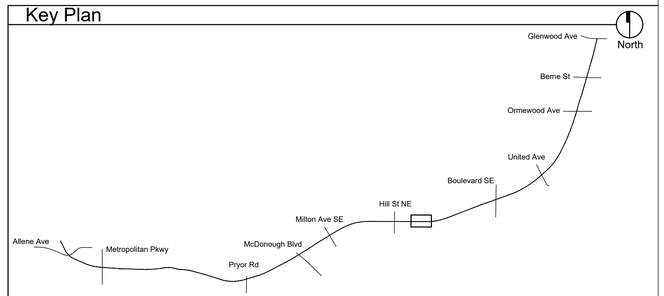
General Notes:

1. New plant beds to encompass areas disturbed by construction. Prior to purchase of plant material contractor to verify that the plans match the as-built conditions. If conditions differ, stop work and communicate this to the Owner's Representative or the Landscape Architect.
2. Temporary and Permanent Easements to be staked on site. No trees or shrubs shall be planted within the easement.

Hatch Legend:

(ATB) Andropogon ternarius 'Black Mountain'
(CEA) Carex elata 'Aurea'
Arborist Wood Mulch
(MCL) Muhlenbergia capillaris 'Lenca'
(WET) Wetland Mix
Maintenance Strip between Beltline property and adjacent

Key Plan



PROPERTY AND EXISTING R/W LINE
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CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

Atlanta BeltLine
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KNOXVILLE, TN 37917
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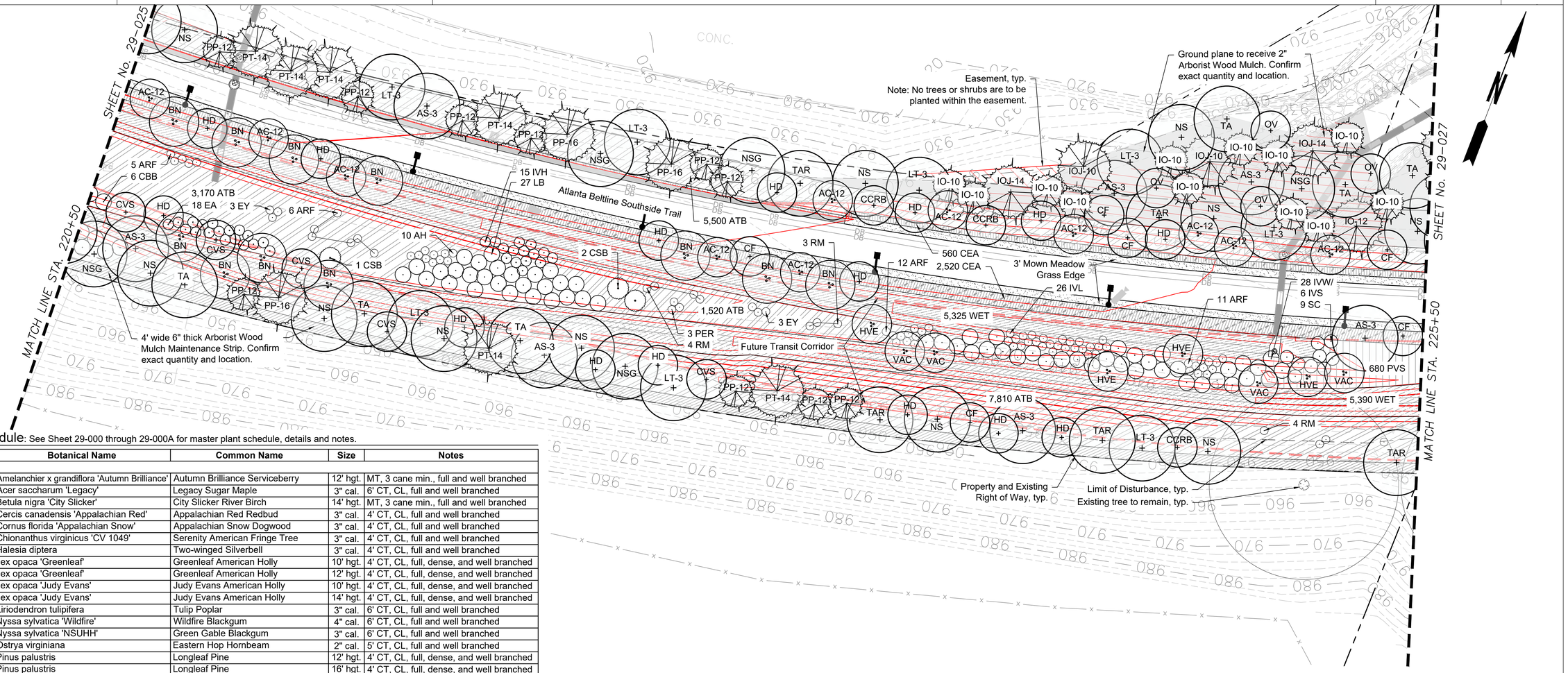
SCALE IN FEET
0 20 40 80

REVISION DATES

PLANTING PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	29-107
VERIFIED:		DATE:	

10/23/2015 GPLN



Plant Schedule: See Sheet 29-000 through 29-000A for master plant schedule, details and notes.

Key	Qty	Botanical Name	Common Name	Size	Notes
Trees					
AC-12	11	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	12' hgt.	MT, 3 cane min., full and well branched
AS-3	7	Acer saccharum 'Legacy'	Legacy Sugar Maple	3" cal.	6' CT, CL, full and well branched
BN	11	Betula nigra 'City Slicker'	City Slicker River Birch	14' hgt.	MT, 3 cane min., full and well branched
CCRB	3	Cercis canadensis 'Appalachian Red'	Appalachian Red Redbud	3" cal.	4' CT, CL, full and well branched
CF	6	Cornus florida 'Appalachian Snow'	Appalachian Snow Dogwood	3" cal.	4' CT, CL, full and well branched
CVS	5	Chionanthus virginicus 'CV 1049'	Serenity American Fringe Tree	3" cal.	4' CT, CL, full and well branched
HD	15	Halesia diptera	Two-winged Silverbell	3" cal.	4' CT, CL, full and well branched
IO-10	12	Ilex opaca 'Greenleaf'	Greenleaf American Holly	10' hgt.	4' CT, CL, full, dense, and well branched
IO-12	1	Ilex opaca 'Greenleaf'	Greenleaf American Holly	12' hgt.	4' CT, CL, full, dense, and well branched
IOJ-10	2	Ilex opaca 'Judy Evans'	Judy Evans American Holly	10' hgt.	4' CT, CL, full, dense, and well branched
IOJ-14	2	Ilex opaca 'Judy Evans'	Judy Evans American Holly	14' hgt.	4' CT, CL, full, dense, and well branched
LT-3	8	Liriodendron tulipifera	Tulip Poplar	3" cal.	6' CT, CL, full and well branched
NS	11	Nyssa sylvatica 'Wildfire'	Wildfire Blackgum	4" cal.	6' CT, CL, full and well branched
NSG	5	Nyssa sylvatica 'NSUHH'	Green Gable Blackgum	3" cal.	6' CT, CL, full and well branched
OV	4	Ostrya virginiana	Eastern Hop Hornbeam	2" cal.	5' CT, CL, full and well branched
PP-12	10	Pinus palustris	Longleaf Pine	12' hgt.	4' CT, CL, full, dense, and well branched
PP-16	3	Pinus palustris	Longleaf Pine	16' hgt.	4' CT, CL, full, dense, and well branched
PT-14	6	Pinus taeda	Loblolly Pine	14' hgt.	4' CT, CL, full and well branched
TA	6	Tilia americana 'Continental Appeal'	Continental Appeal American Linden	4" cal.	6' CT, CL, full and well branched
TAR	5	Tilia americana 'Redmond'	Redmond American Linden	5" cal.	6' CT, CL, full and well branched
Shrubs & Groundcover					
AH	10	Amsonia hubrichtii	Threadleaf Bluestar	Qts.	3' o.c., well developed roots, blue flowers
ARF	34	Aster oblongifolius 'Raydon's Favorite'	Raydon's Favorite Aster	Qts.	3' o.c., well developed roots, purple flowers
CBB	6	Cephalanthus occidentalis	Buttonbush	7 gal.	6' o.c., full and dense, white flowers
CEA	3080	Carex elata 'Aurea'	Bowles Golden Sedge	DP-50	12" o.c., well developed roots
CSB	3	Cotinus coggygria 'Royal Purple'	Royal Purple Smokebush	6' hgt.	Full and dense, purple leaves
EA	18	Euonymus americanus	Strawberry Bush	7 gal.	4' o.c., full and dense
EY	6	Eryngium yuccifolium	Rattlesnake Master	Qts.	3' o.c., well developed roots, white flowers
HVE	4	Hamamelis vernalis 'Autumn Embers'	Autumn Embers Ozark Witch Hazel	6' hgt.	MT, 5 cane min., full and well branched
IVH	15	Itea virginica 'Henry's Garnet'	Henry's Garnet Sweetspire	7 gal.	4' o.c., full and dense, white flowers
IVL	26	Itea virginica 'Little Henry'	Little Henry Sweetspire	3 gal.	3' o.c., full and dense, white flowers
IVS	6	Ilex verticillata 'Southern Gentleman'	Southern Gentleman Winterberry Holly	7 gal.	6' o.c., full and dense, male polinator
IVW	28	Ilex verticillata 'Winter Gold'	Winter Gold Winterberry Holly	7 gal.	6' o.c., full and dense, yellow berries
LB	27	Lindera benzoin	Spice Bush	7 gal.	6' o.c., full and dense, yellow flowers
PER	3	Perovskia atriplicifolia	Russian Sage	Qts.	3' o.c., well developed roots, purple flowers
RM	11	Rudbeckia maxima	Large Coneflower	Qts.	3' o.c., well developed roots, yellow flowers
SC	9	Sambucus canadensis 'Adams'	Adam's Elderberry	7 gal.	5' o.c., full and dense, white flowers
VAC	4	Vitex agnus-castus 'Shoal Creek'	Shoal Creek Chaste Tree	6' hgt.	Full and dense, purple flowers
Ornamental Grass					
ATB	18000	Andropogon ternarius 'Black Mountain'	Black Mountain	DP-50	12" o.c., well developed roots
PVS	680	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	DP-50	12" o.c., well developed roots

WET- Wetland Meadow Mix 10,715 sf				
475	Asclepias incarnata	Swamp Milkweed	Qts.	18" o.c., full and dense, pink flowers, well developed roots
475	Helenium autumnale	Common Sneezeweed	Qts.	18" o.c., full and dense, yellow flowers, well developed roots
475	Helenium 'Moerheim Beauty'	Morheim Beauty Sneezeweed	Qts.	18" o.c., full and dense, bronze flowers, well developed roots
475	Iris pseduacorus	Yellow Flag Iris	Qts.	18" o.c., full and dense, yellow flowers, well developed roots
475	Iris virginica	Southern Blue Flag Iris	Qts.	18" o.c., full and dense, blue flowers, well developed roots
5355	Juncus effusus	Common Rush	DP-50	12" o.c., well developed roots

Hatch Legend:

(ATB) Andropogon ternarius 'Black Mountain'

(CEA) Carex elata 'Aurea'

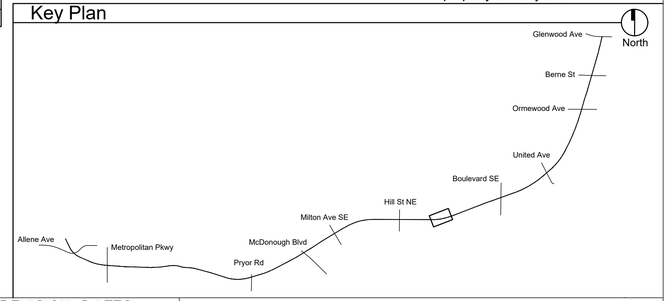
Arborist Wood Mulch

(PVS) Panicum virgatum 'Shenandoah'

(WET) Wetland Mix

Maintenance Strip between Beltline property and adjacent

Key Plan



Abbreviations:

MT: Multi-trunk
CAL: Caliper
CL: Central Leader
GAL: Gallon
CT: Clear Trunk
HGT: Height
MIN: Minimum
O.C.: On Center
QTS: Quart
DP-50: Deep Plug 50 Count

General Notes:

1. New plant beds to encompass areas disturbed by construction. Prior to purchase of plant material contractor to verify that the plans match the as-built conditions. If conditions differ, stop work and communicate this to the Owner's Representative or the Landscape Architect.
2. Temporary and Permanent Easements to be staked on site. No trees or shrubs shall be planted within the easement.

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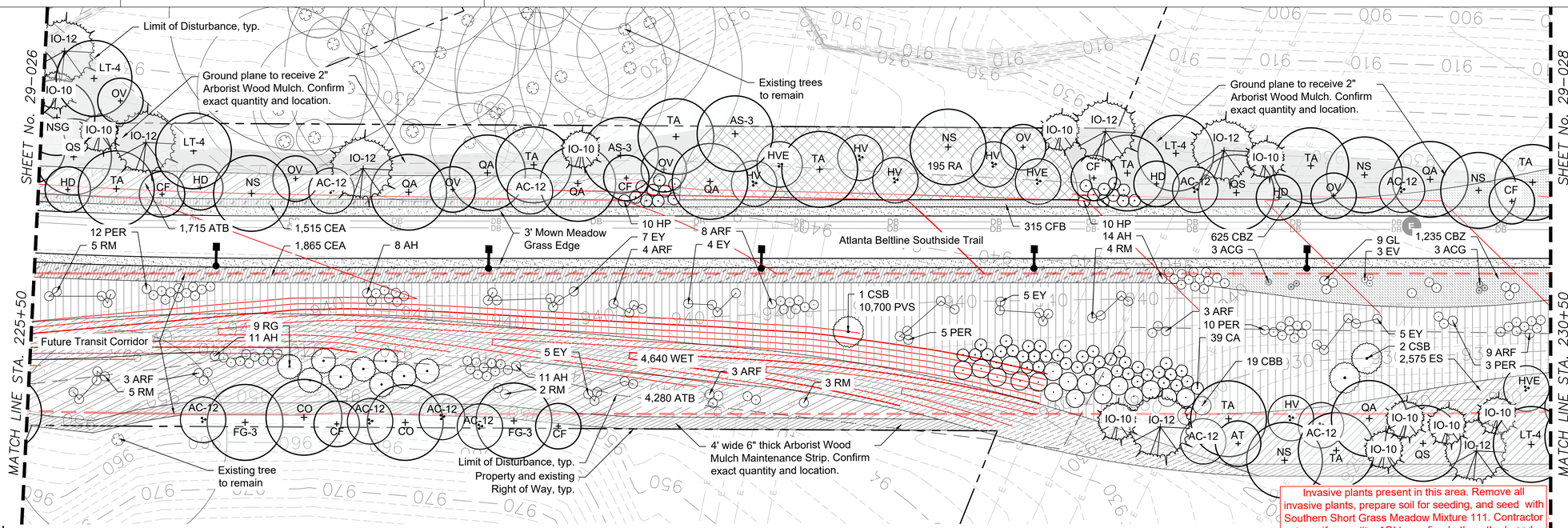
SCALE IN FEET
0 20 40 80

REVISION DATES

PLANTING PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	29-108
CORRECTED:		DATE:	
VERIFIED:		DATE:	

10/23/2015 GPLN



Plant Schedule: See Sheet 29-000 through 29-000A for master plant schedule, details and notes.

Key	Qty	Botanical Name	Common Name	Size	Notes
Trees					
AC-12	10	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	12' hgt.	MT, 3 cane min., full and well branched
AS-3	2	Acer saccharum 'Legacy'	Legacy Sugar Maple	3" cal.	6' CT, CL, full and well branched
AT	1	Asimina triloba	Paw Paw	3" cal.	6' CT, CL, full and well branched
CF	6	Cornus florida 'Appalachian Snow'	Appalachian Snow Dogwood	3" cal.	4' CT, CL, full and well branched
CO	2	Carya ovata	Shagbark Hickory	3" cal.	6' CT, CL, full and well branched
FG-3	2	Fagus grandifolia	American Beech	3" cal.	6' CT, CL, full and well branched
HD	4	Halesia diptera	Two-winged Silverbell	3" cal.	4' CT, CL, full and well branched
IO-10	10	Ilex opaca 'Greenleaf'	Greenleaf American Holly	10' hgt.	4' CT, CL, full, dense, and well branched
IO-12	7	Ilex opaca 'Greenleaf'	Greenleaf American Holly	12' hgt.	4' CT, CL, full, dense, and well branched
LT-4	4	Liriodendron tulipifera	Tulip Poplar	4" cal.	6' CT, CL, full and well branched
NS	5	Nyssa sylvatica 'Wildfire'	Wildfire Blackgum	4" cal.	6' CT, CL, full and well branched
NSG	1	Nyssa sylvatica 'NSUHH'	Green Gable Blackgum	3" cal.	6' CT, CL, full and well branched
OV	6	Ostrya virginiana	Eastern Hop Hornbeam	2" cal.	5' CT, CL, full and well branched
QA	6	Quercus alba	White Oak	4" cal.	6' CT, CL, full and well branched
QS	3	Quercus shumardii 'Panache'	Panache Shumard Oak	4" cal.	6' CT, CL, full and well branched
TA	9	Tilia americana 'Continental Appeal'	Continental Appeal American Linden	4" cal.	6' CT, CL, full and well branched
Shrubs & Groundcover					
ACG	6	Achillea x 'Coronation Gold'	Coronation Gold Yarrow	Qts.	2' o.c., well developed roots, yellow flowers
AH	30	Amsonia hubrichtii	Threadleaf Bluestar	Qts.	3' o.c., well developed roots, blue flowers
ARF	30	Aster oblongifolium 'Raydon's Favorite'	Raydon's Favorite Aster	Qts.	3' o.c., well developed roots, purple flowers
CA	39	Callicarpa americana	American Beautyberry	7 gal.	4' o.c., full and dense, purple berries
CBB	19	Cephalanthus occidendtalis	Buttonbush	7 gal.	6' o.c., full and dense, white flowers
CBZ	2175	Carex flacca 'Blue Zinger'	Blue Zinger Sedge	DP-50	12" o.c., well developed roots
CEA	3380	Carex elata 'Aurea'	Bowles Golden Sedge	DP-50	12" o.c., well developed roots
CSB	3	Cotinus coggygria 'Royal Purple'	Royal Purple Smokebush	7 gal.	10' o.c., full and dense, purple leaves
EV	3	Echinops vitro 'Veitsch Blue'	Veitsch Blue Globe Thistle	Qts.	2' o.c., well developed roots, blue flowers
EY	26	Eryngium yuccifolium	Rattlesnake Master	Qts.	3' o.c., well developed roots, white flowers
GL	9	Guara lindheimerii 'Whirling Butterflies'	Whirling Butterflies Guara	Qts.	3' o.c., well developed roots, pink flowers
HP	20	Hypericum prolificum	Shrubby St. John's Wort	7 gal.	4' o.c., full and dense, yellow flowers
HV	5	Hamamelis virginiana 'Harvest Moon'	Harvest Moon Witch Hazel	8' hgt.	MT, 5 cane min., full and well branched
HVE	3	Hamamelis vernalis 'Autumn Embers'	Autumn Embers Ozark Witch Hazel	6' hgt.	MT, 5 cane min., full and well branched
PER	30	Perovskia atriplicifolia	Russian Sage	Qts.	3' o.c., well developed roots, purple flowers
RA	195	Rhus aromatica 'Gro-Low'	Gro-Low Sumac	3 gal.	4' o.c., full and dense
RG	9	Rhus glabra	Smooth Sumac	7 gal.	8' o.c., full and dense
RM	19	Rudbeckia maxima	Large Coneflower	Qts.	3' o.c., well developed roots, yellow flowers
Ornamental Grass					
ATB	5995	Andropogon ternarius 'Black Mountain'	Black Mountain Bluestem	DP-50	12" o.c., well developed roots
ES	2575	Eragrostis spectabilis	Purple Love Grass	DP-50	12" o.c., well developed roots
PVS	10700	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	DP-50	12" o.c., well developed roots

WET- Wetland Meadow Mix 4,640 sf				
205	Asclepias incarnata	Swamp Milkweed	Qts.	18" o.c., full and dense, pink flowers, well developed roots
205	Helenium autumnale	Common Sneezeweed	Qts.	18" o.c., full and dense, yellow flowers, well developed roots
205	Helenium 'Moerheim Beauty'	Morheim Beauty Sneezeweed	Qts.	18" o.c., full and dense, bronze flowers, well developed roots
205	Iris pseduacorus	Yellow Flag Iris	Qts.	18" o.c., full and dense, yellow flowers, well developed roots
205	Iris virginica	Southern Blue Flag Iris	Qts.	18" o.c., full and dense, blue flowers, well developed roots
2320	Juncus effusus	Common Rush	DP-50	12" o.c., well developed roots

KH Question:
1. LOD is much closer to the trail with no space for trees because of transit cooridor. Currently shown 15-30' of planting beyond Transit Corridor, planting 20' down on slope. Is this acceptable?

Hatch Legend:

- (ATB) Andropogon ternarius 'Black Mountain'
- (CBZ) Carex flacca 'Blue Zinger'
- (WET) Wetland Mix
- (ES) Eragrostis spectabilis
- (CEA) Carex elata 'Aurea'
- Arborist Wood Mulch
- (PVS) Panicum virgatum 'Shenandoah'
- (RA) Rhus aromatica 'Gro-Low'
- Maintenance Strip between Beltline property and adjacent

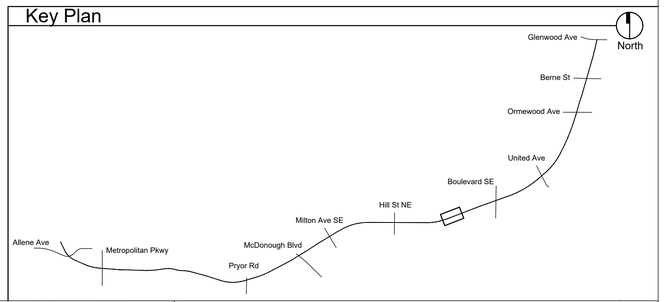
Abbreviations:

MT: Multi-trunk	CAL: Caliper
CL: Central Leader	GAL: Gallon
CT: Clear Trunk	HGT: Height
MIN: Minimum	O.C.: On Center
QTS: Quart	DP-50: Deep Plug 50 Count

General Notes:

1. New plant beds to encompass areas disturbed by construction. Prior to purchase of plant material contractor to verify that the plans match the as-built conditions. If conditions differ, stop work and communicate this to the Owner's Representative or the Landscape Architect.
2. Temporary and Permanent Easements to be staked on site. No trees or shrubs shall be planted within the easement.

Key Plan



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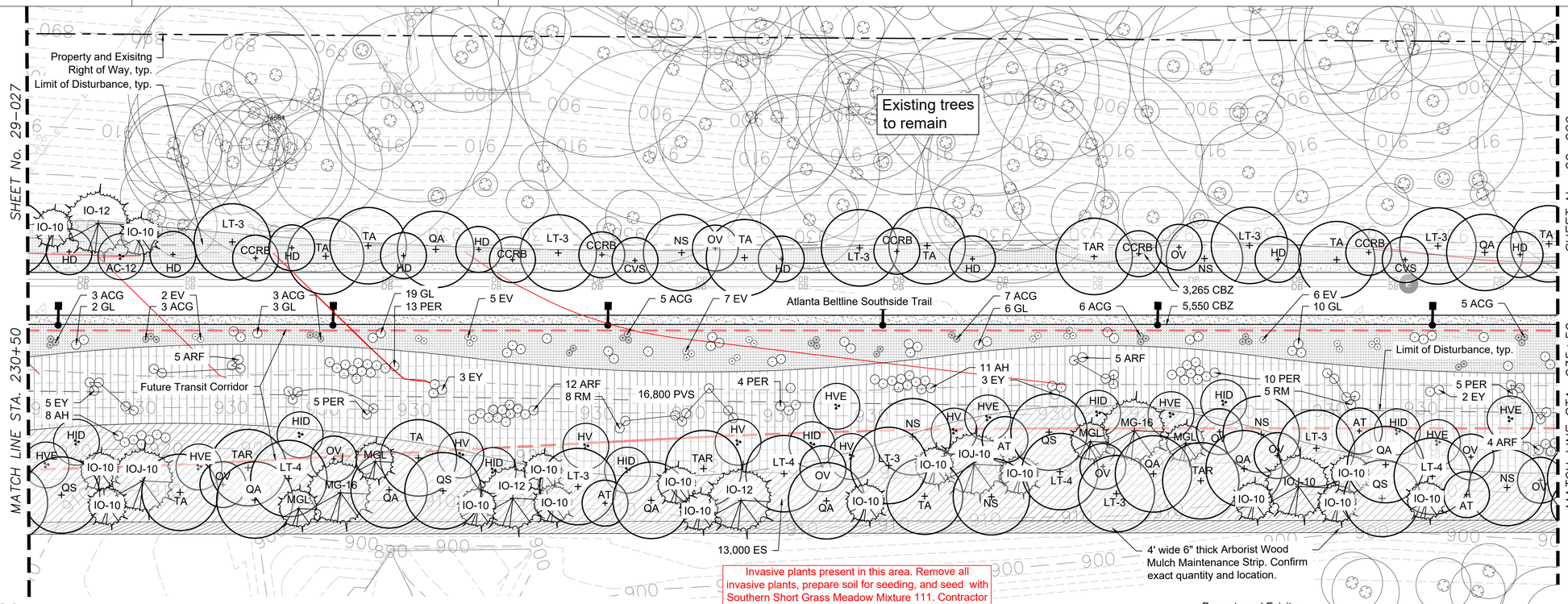
SCALE IN FEET
0 20 40 80

REVISION DATES

PLANTING PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	29-109
CORRECTED:		DATE:	
VERIFIED:		DATE:	

10/23/2015 GPLN



Invasive plants present in this area. Remove all invasive plants, prepare soil for seeding, and seed with Southern Short Grass Meadow Mixture 111. Contractor to verify quantity. ABI to confirm both methods and limits of clearing and seeding of invasive removal.

KH Question:
1. LOD is much closer to the trail with no space for trees because of transit cooridor. Currently shown 15-30' of planting beyond Transit Corridor, planting 20' down on slope. Is this acceptable?

Plant Schedule: See Sheet 29-000 through 29-000A for master plant schedule, details and notes.

Key	Qty	Botanical Name	Common Name	Size	Notes
Trees					
AC-12	1	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	12' hgt.	MT, 3 cane min., full and well branched
AT	4	Asimina triloba	Paw Paw	3" cal.	6' CT, CL, full and well branched
CCRB	6	Cercis canadensis 'Appalachian Red'	Appalachian Red Redbud	3" cal.	4' CT, CL, full and well branched
CVS	2	Chionanthus virginicus 'Prodigy'	Prodigy American Fringe Tree	3" cal.	4' CT, CL, full and well branched
HD	9	Halesia diptera	Two-Winged Silverbell	3" cal.	4' CT, CL, full and well branched
IO-10	16	Ilex opaca 'Greenleaf'	Greenleaf American Holly	10' hgt.	4' CT, CL, full, dense, and well branched
IO-12	3	Ilex opaca 'Greenleaf'	Greenleaf American Holly	12' hgt.	4' CT, CL, full, dense, and well branched
IOJ-10	3	Ilex opaca 'Judy Evans'	Judy Evans American Holly	10' hgt.	4' CT, CL, full, dense, and well branched
LT-3	9	Liriodendron tulipifera	Tulip Poplar	3" cal.	6' CT, CL, full and well branched
LT-4	4	Liriodendron tulipifera	Tulip Poplar	4" cal.	6' CT, CL, full and well branched
MG-16	2	Magnolia grandiflora 'Claudia Wannamaker'	Claudia Wannamaker Magnolia	16' hgt.	4' CT, CL, full, dense, and well branched
MGL	4	Magnolia grandiflora 'Little Gem'	Little Gem Magnolia	12' hgt.	4' CT, CL, full, dense, and well branched
NS	6	Nyssa sylvatica 'Wildfire'	Wildfire Blackgum	4" cal.	6' CT, CL, full and well branched
OV	10	Ostrya virginiana	Eastern Hop Hornbeam	2" cal.	5' CT, CL, full and well branched
QA	9	Quercus alba	White Oak	4" cal.	6' CT, CL, full and well branched
QS	4	Quercus shumardii 'Panache'	Panache Shumard Oak	4" cal.	6' CT, CL, full and well branched
TA	9	Tilia americana 'Continental Appeal'	Continental Appeal American Linden	4" cal.	6' CT, CL, full and well branched
TAR	4	Tilia americana 'Redmond'	Redmond American Linden	5" cal.	6' CT, CL, full and well branched
Shrubs & Groundcover					
ACG	32	Achillea x 'Coronation Gold'	Coronation Gold Yarrow	Qts.	2' o.c., well developed roots, yellow flowers
AH	19	Amsonia hubrichtii	Threadleaf Bluestar	Qts.	3' o.c., well developed roots, blue flowers
ARF	26	Aster oblongifolius 'Raydon's Favorite'	Raydon's Favorite Aster	Qts.	3' o.c., well developed roots, purple flowers
CBZ	8815	Carex flacca 'Blue Zinger'	Blue Zinger Sedge	DP-50	12" o.c., well developed roots
EV	20	Echinops vitro 'Veitsch Blue'	Veitsch Blue Globe Thistle	Qts.	2' o.c., well developed roots, blue flowers
EY	13	Eryngium yuccifolium	Rattlesnake Master	Qts.	2' o.c., well developed roots, white flowers
GL	40	Guara lindheimerii 'Whirling Butterflies'	Whirling Butterflies Guara	Qts.	3' o.c., well developed roots, pink flowers
HID	8	Hamamelis x intermedia 'Diane'	Diane Witch Hazel	8 hgt.	MT. 5 cane min., full and well branched
HV	5	Hamamelis virginiana 'Harvest Moon'	Harvest Moon Witch Hazel	8' hgt.	MT, 5 cane min., full and well branched
HVE	7	Hamamelis vernalis 'Autumn Embers'	Autumn Embers Ozark Witch Hazel	6' hgt.	MT, 5 cane min., full and well branched
PER	37	Perovskia atriplicifolia	Russian Sage	Qts.	3' o.c., well developed roots, purple flowers
RM	13	Rudbeckia maxima	Large Coneflower	Qts.	3' o.c., well developed roots, yellow flowers
Ornamental Grass					
ES	13000	Eragrostis spectabilis	Purple Love Grass	DP-50	12" o.c., well developed roots
PVS	16800	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	DP-50	12" o.c., well developed roots

Hatch Legend:

- (ES) Eragrostis spectabilis
- (CBZ) Carex flacca 'Blue Zinger'
- Maintenance Strip between Beltline property and adjacent
- (PVS) Panicum virgatum 'Shenandoah'
- Arborist Wood Mulch

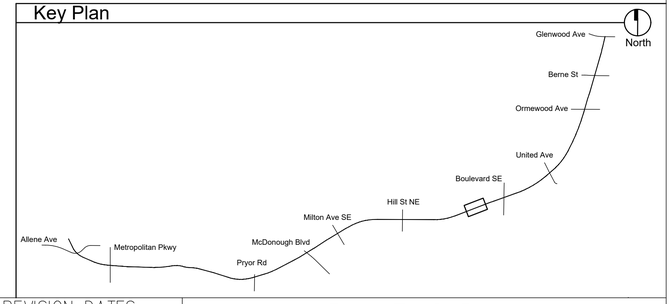
Abbreviations:

MT: Multi-trunk	CAL: Caliper
CL: Central Leader	GAL: Gallon
CT: Clear Trunk	HGT: Height
MIN: Minimum	O.C.: On Center
QTS: Quart	DP-50: Deep Plug 50 Count

General Notes:

1. New plant beds to encompass areas disturbed by construction. Prior to purchase of plant material contractor to verify that the plans match the as-built conditions. If conditions differ, stop work and communicate this to the Owner's Representative or the Landscape Architect.
2. Temporary and Permanent Easements to be staked on site. No trees or shrubs shall be planted within the easement.
3. Perennials can be substituted with up to (10) different cultivars of similar size to provide color mixture. Cultivars to be approved by Landscape Architect or Owner's Representative prior to purchase.

Key Plan



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

Atlanta BeltLine
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KNOXVILLE, TN 37917
OFFICE TEL: (865) 329.0012

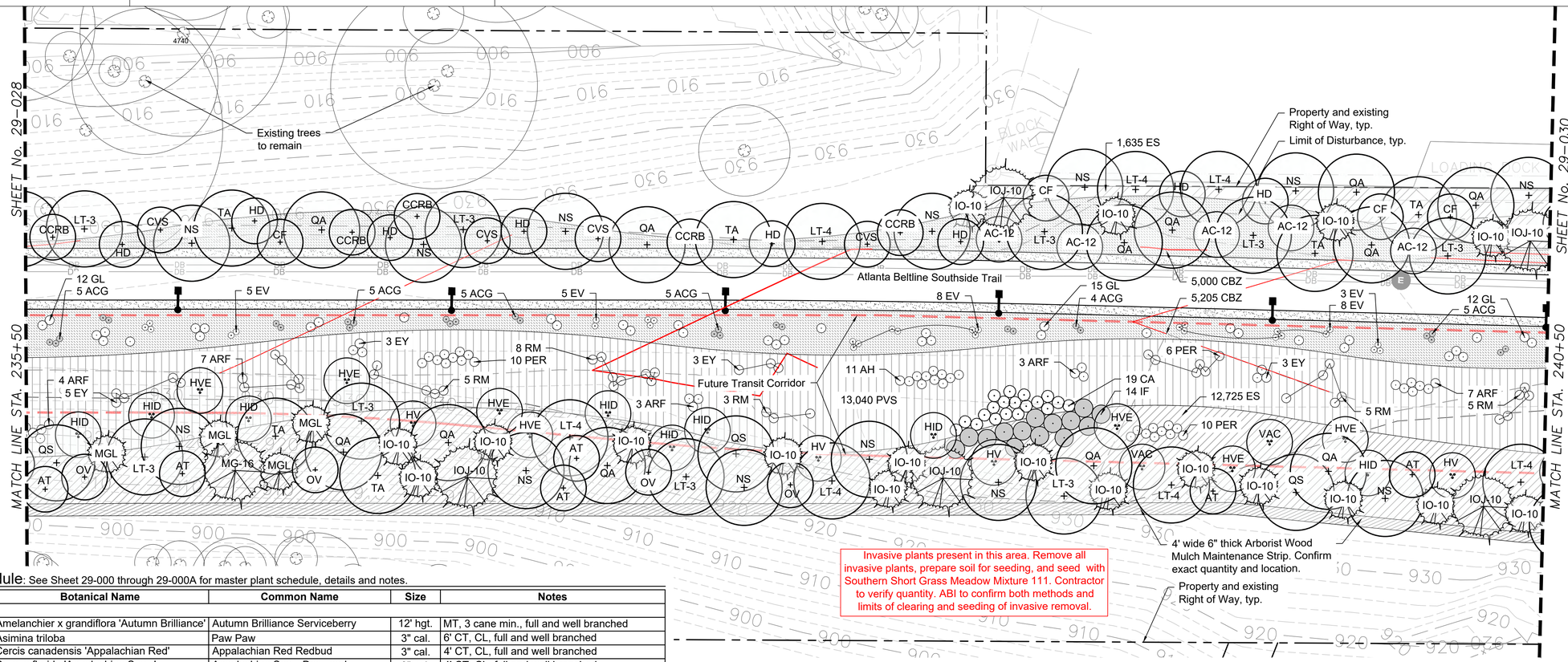
SCALE IN FEET
0 20 40 80

REVISION DATES

PLANTING PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	29-110
CORRECTED:		DATE:	
VERIFIED:		DATE:	

10/23/2015 GPLN



Plant Schedule: See Sheet 29-000 for master plant schedule, details and notes.

Key	Qty	Botanical Name	Common Name	Size	Notes
Trees					
AC-12	5	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	12' hgt.	MT, 3 cane min., full and well branched
AT	6	Asimina triloba	Paw Paw	3" cal.	6' CT, CL, full and well branched
CCRB	5	Cercis canadensis 'Appalachian Red'	Appalachian Red Redbud	3" cal.	4' CT, CL, full and well branched
CF	4	Cornus florida 'Appalachian Snow'	Appalachian Snow Dogwood	3" cal.	4' CT, CL, full and well branched
CVS	4	Chionanthus virginicus 'CV 1049'	Prodigy American Fringe Tree	3" cal.	4' CT, CL, full and well branched
HD	8	Halesia diptera	Two-Winged Silverbell	3" cal.	4' CT, CL, full and well branched
IO-10	18	Ilex opaca 'Greenleaf'	Greenleaf American Holly	10' hgt.	4' CT, CL, full, dense, and well branched
IOJ-10	5	Ilex opaca 'Judy Evans'	Judy Evans American Holly	10' hgt.	4' CT, CL, full, dense, and well branched
LT-3	9	Liriodendron tulipifera	Tulip Poplar	3" cal.	6' CT, CL, full and well branched
LT-4	7	Liriodendron tulipifera	Tulip Poplar	4" cal.	6' CT, CL, full and well branched
MG-16	1	Magnolia grandiflora 'Claudia Wannamaker'	Claudia Wannamaker Magnolia	16' hgt.	4' CT, CL, full, dense, and well branched
MGL	4	Magnolia grandiflora 'Little Gem'	Little Gem Magnolia	10' hgt.	4' CT, CL, full, dense, and well branched
NS	13	Nyssa sylvatica 'Wildfire'	Wildfire Blackgum	4" cal.	6' CT, CL, full and well branched
OV	4	Ostrya virginiana	Eastern Hop Hornbeam	2" cal.	5' CT, CL, full and well branched
QA	12	Quercus alba	White Oak	4" cal.	6' CT, CL, full and well branched
QS	3	Quercus shumardii 'Panache'	Panache Shumard Oak	4" cal.	6' CT, CL, full and well branched
TA	6	Tilia americana 'Continental Appeal'	Continental Appeal American Linden	4" cal.	6' CT, CL, full and well branched
Shrubs & Groundcover					
ACG	29	Achillea x 'Coronation Gold'	Coronation Gold Yarrow	Qts.	2' o.c., well developed roots, yellow flowers
AH	11	Amsonia hubrichtii	Threadleaf Bluestar	Qts.	3' o.c., well developed roots, blue flowers
ARF	24	Aster oblongifolius 'Raydon's Favorite'	Raydon's Favorite Aster	Qts.	3' o.c., well developed roots, purple flowers
CA	19	Callicarpa americana	American Beautyberry	7 gal.	4' o.c., full and dense, purple berries
CBZ	10205	Carex flacca 'Blue Zinger'	Blue Zinger Sedge	DP-50	12" o.c., well developed roots
EV	29	Echinops vitro 'Veitsch Blue'	Veitsch Blue Globe Thistle	Qts.	2' o.c., well developed roots, blue flowers
EY	14	Eryngium yuccifolium	Rattlesnake Master	Qts.	3' o.c., well developed roots, white flowers
GL	39	Guara lindheimerii 'Whirling Butterflies'	Whirling Butterflies Guara	Qts.	3' o.c., well developed roots, pink flowers
HID	8	Hamamelis x intermedia 'Diane'	Diane Witch Hazel	8' hgt.	MT, 5 cane min., full and well branched
HV	4	Hamamelis virginiana 'Harvest Moon'	Harvest Moon Witch Hazel	8' hgt.	MT, 5 cane min., full and well branched
HVE	7	Hamamelis vernalis 'Autumn Embers'	Autumn Embers Ozark Witch Hazel	6' hgt.	MT, 5 cane min., full and well branched
IF	14	Illicium floridanum 'Halley's Comet'	Halley's Comet Florida Anise-tree	7 gal.	6' o.c., full and dense, red flowers
PER	26	Perovskia atriplicifolia	Russian Sage	Qts.	3' o.c., well developed roots, purple flowers
RM	26	Rudbeckia maxima	Large Coneflower	Qts.	3' o.c., well developed roots, yellow flowers
VAC	2	Vitex agnus-castus 'Shoal Creek'	Shoal Creek Chaste Tree	6' hgt.	Full and dense, purple flowers
Ornamental Grass					
ES	14360	Eragrostis spectabilis	Purple Love Grass	DP-50	12" o.c., well developed roots
PVS	13040	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	DP-50	12" o.c., well developed roots

KH Question:
1. LOD is much closer to the trail with no space for trees because of transit cooridor. Currently shown 15-30' of planting beyond Transit Corridor, planting 20' down on slope. Is this acceptable?

Abbreviations:

MT: Multi-trunk	CAL: Caliper
CL: Central Leader	GAL: Gallon
CT: Clear Trunk	HGT: Height
MIN: Minimum	O.C.: On Center
QTS: Quart	DP-50: Deep Plug 50 Count

General Notes:

1. New plant beds to encompass areas disturbed by construction. Prior to purchase of plant material contractor to verify that the plans match the as-built conditions. If conditions differ, stop work and communicate this to the Owner's Representative or the Landscape Architect.
2. Temporary and Permanent Easements to be staked on site. No trees or shrubs shall be planted within the easement.
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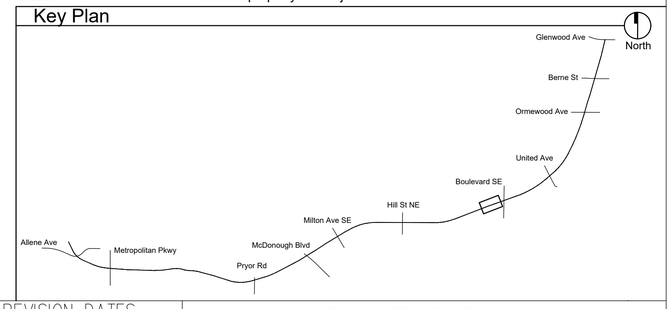
Hatch Legend:

- (ES) Eragrostis spectabilis
- (CBZ) Carex flacca 'Blue Zinger'
- (PVS) Panicum virgatum 'Shenandoah'
- Maintenance Strip between Beltline property and adjacent

Key Plan



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
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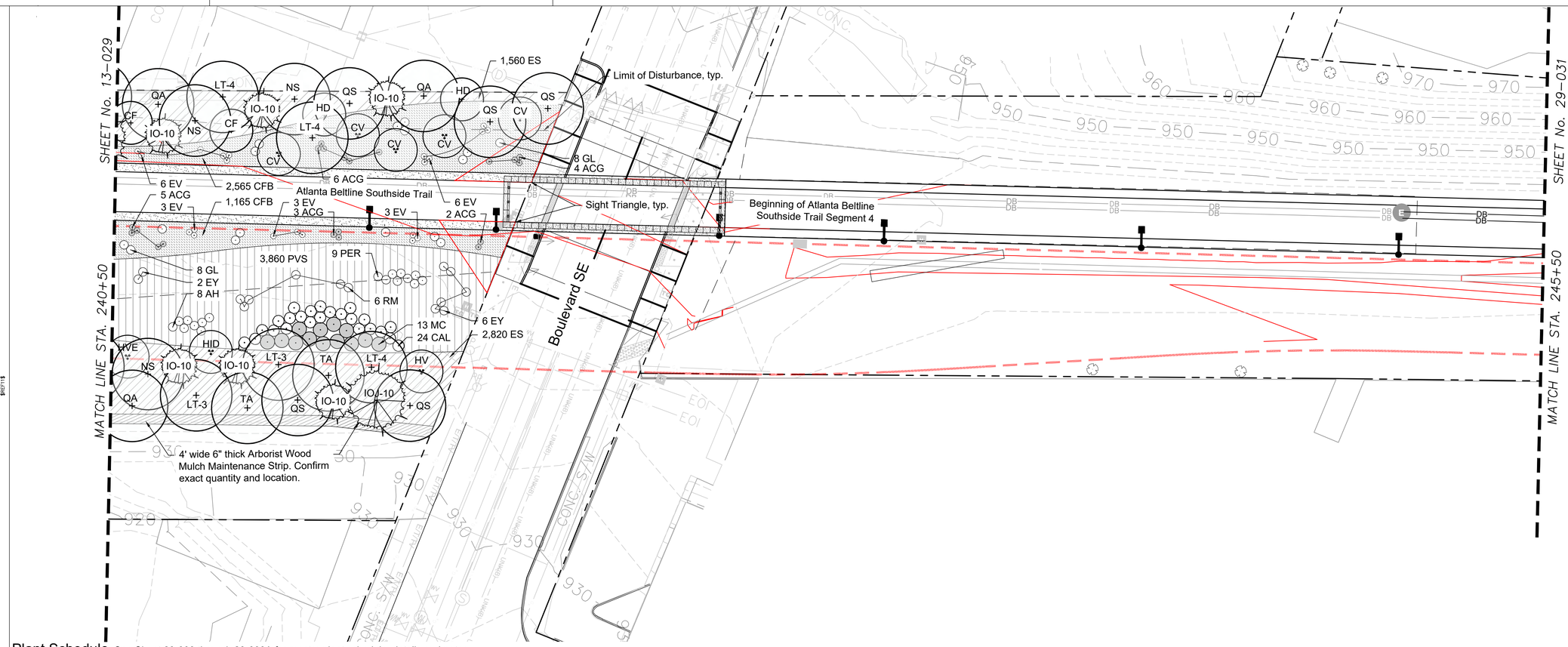
SCALE IN FEET
0 20 40 80

REVISION DATES

PLANTING PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	29-111
CORRECTED:		DATE:	
VERIFIED:		DATE:	

10/23/2015 GPLN



Plant Schedule: See Sheet 29-000 through 29-000A for master plant schedule, details and notes.

Key	Qty	Botanical Name	Common Name	Size	Notes
Trees					
CF	2	Cornus florida 'Appalachian Snow'	Appalachian Snow Dogwood	3" cal.	4' CT, CL, full and well branched
CV	5	Chionanthus virginicus 'Prodigy'	Prodigy American Fringe Tree	12' hgt.	MT, 3 cane min., full and well branched
HD	2	Halesia diptera	Two Winged Silverbell	3" cal.	4' CT, CL, full and well branched
IO-8	6	Ilex opaca 'Greenleaf'	Greenleaf American Holly	8' hgt.	CL, full, dense, and well branched
IOJ-10	1	Ilex opaca 'Judy Evans'	Judy Evans American Holly	10' hgt.	4' CT, CL, full, dense, and well branched
LT-3	2	Liriodendron tulipifera	Tulip Poplar	3" cal.	6' CT, CL, full and well branched
LT-4	3	Liriodendron tulipifera	Tulip Poplar	4" cal.	6' CT, CL, full and well branched
NS	3	Nyssa sylvatica 'Wildfire'	Wildfire Blackgum	4" cal.	6' CT, CL, full and well branched
QA	3	Quercus alba	White Oak	4" cal.	6' CT, CL, full and well branched
QS	5	Quercus shumardii 'Panache'	Panache Shumard Oak	4" cal.	6' CT, CL, full and well branched
TA	2	Tilia americana 'Continental Appeal'	Continental Appeal American Linden	4" cal.	6' CT, CL, full and well branched
Shrubs & Groundcover					
ACG	20	Achillea x 'Coronation Gold'	Coronation Gold Yarrow	Qts.	2' o.c., well developed roots, yellow flowers
AH	8	Amsonia hubrichtii	Threadleaf Bluestar	Qts.	3' o.c., well developed roots, blue flowers
CAL	24	Callicarpa americana v. 'Lactea'	Lactea White Beautyberry	7 gal.	4' o.c., full and dense, white berries
CBZ	3730	Carex flacca 'Blue Zinger'	Blue Zinger Sedge	DP-50	12" o.c., well developed roots
EV	21	Echinops vitro 'Veitsch Blue'	Veitsch Blue Globe Thistle	Qts.	2' o.c., well developed roots, blue flowers
EY	8	Eryngium yuccifolium	Rattlesnake Master	Qts.	3' o.c., well developed roots, white flowers
GL	16	Guara lindheimerii 'Whirling Butterflies'	Whirling Butterflies Guara	Qts.	3' o.c., well developed roots, pink flowers
HID	1	Hamamelis x intermedia 'Diane'	Diane Witch Hazel	8' hgt.	MT, 5 cane min., full and well branched
HV	1	Hamamelis virginiana 'Harvest Moon'	Harvest Moon Witch Hazel	8' hgt.	MT, 5 cane min., full and well branched
HVE	1	Hamamelis vernalis 'Autumn Embers'	Autumn Embers Ozark Witch Hazel	6' hgt.	MT, 5 cane min., full and well branched
MC	13	Morella cerifera	Wax Myrtle	7 gal.	5' o.c., full and dense
PER	9	Perovskia atriplicifolia	Russian Sage	Qts.	3' o.c., well developed roots
RM	6	Rudbeckia maxima	Large Coneflower	Qts.	3' o.c., well developed roots
Ornamental Grass					
ES	4380	Eragrostis spectabilis	Purple Love Grass	DP-50	12" o.c., well developed roots
PVS	3860	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	DP-50	12" o.c., well developed roots

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

KH Question:
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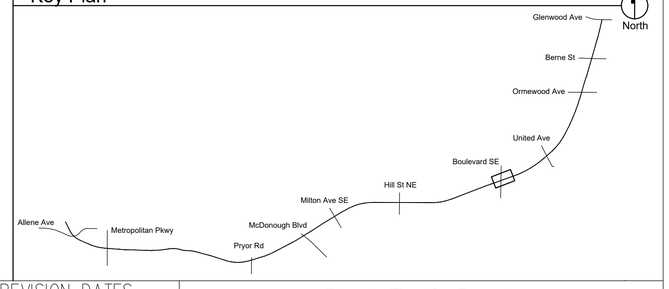
Hatch Legend:

(ES) Eragrostis spectabilis
(CBZ) Carex flacca 'Blue Zinger'
(PVS) Panicum virgatum 'Shenandoah'
Maintenance Strip between Beltline property and adjacent

Key Plan



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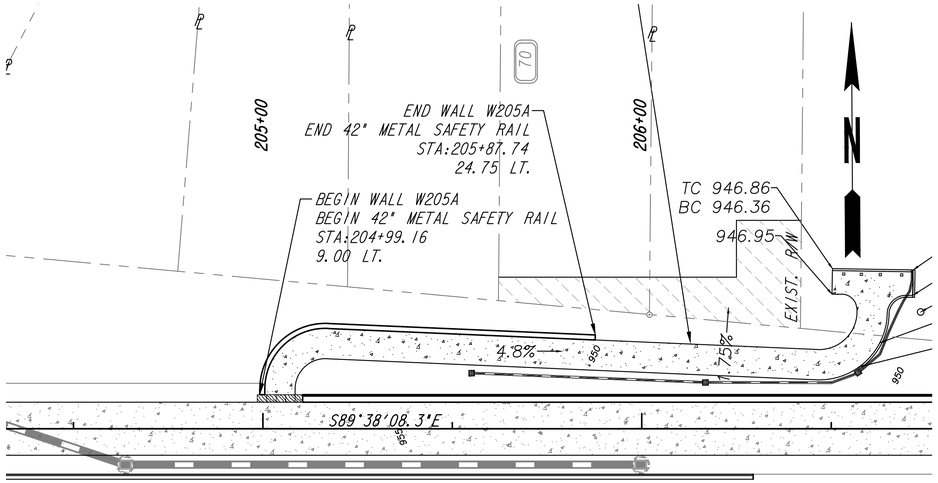
SCALE IN FEET
0 20 40 80

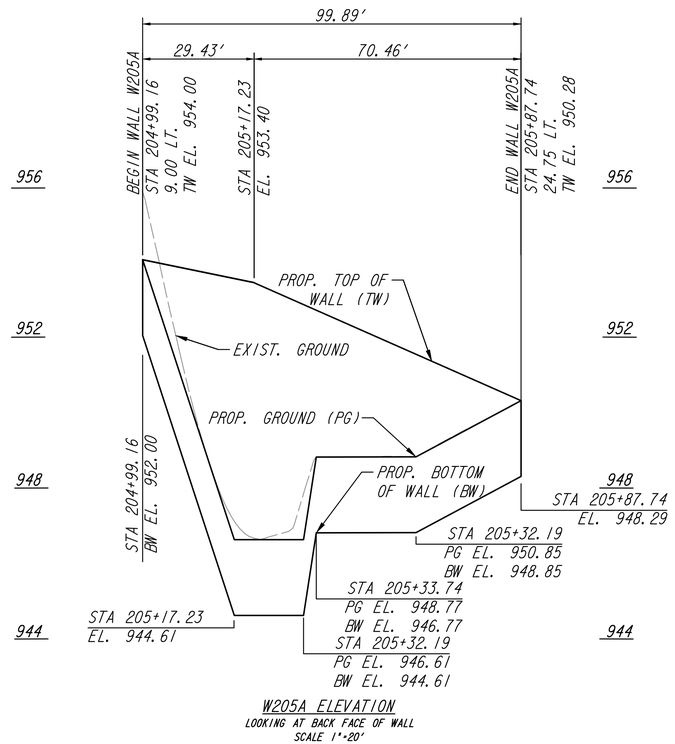
REVISION DATES

PLANTING PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	29-112
CORRECTED:		DATE:	
VERIFIED:		DATE:	



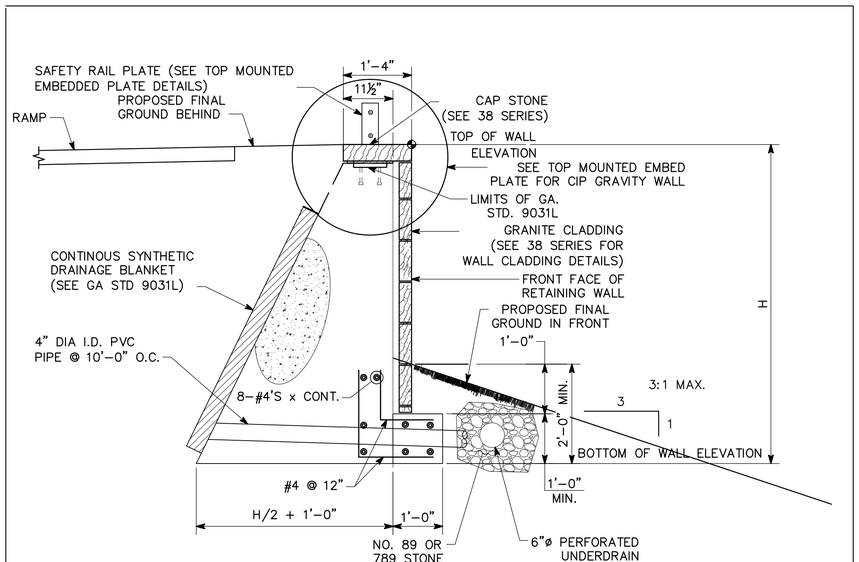
PLAN
SCALE 1"=20'



W205A ELEVATION
LOOKING AT BACK FACE OF WALL
SCALE 1"=20'

NOTES

1. STATIONS ARE MEASURED ALONG ℄ CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL UNLESS NOTED OTHERWISE.
2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL AND WALL LENGTHS INCLUDE GRANITE VENEER (NOT SHOWN FOR CLARITY).
3. PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.
4. ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT OF THE WALL.



TYPICAL SECTION - CIP GRAVITY WALL
(WALL 205A)
(MODIFIED GA. STD. 9031L)

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES
ENVIRONMENTALLY SENSITIVE AREA

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TEL: (404) 419-8700

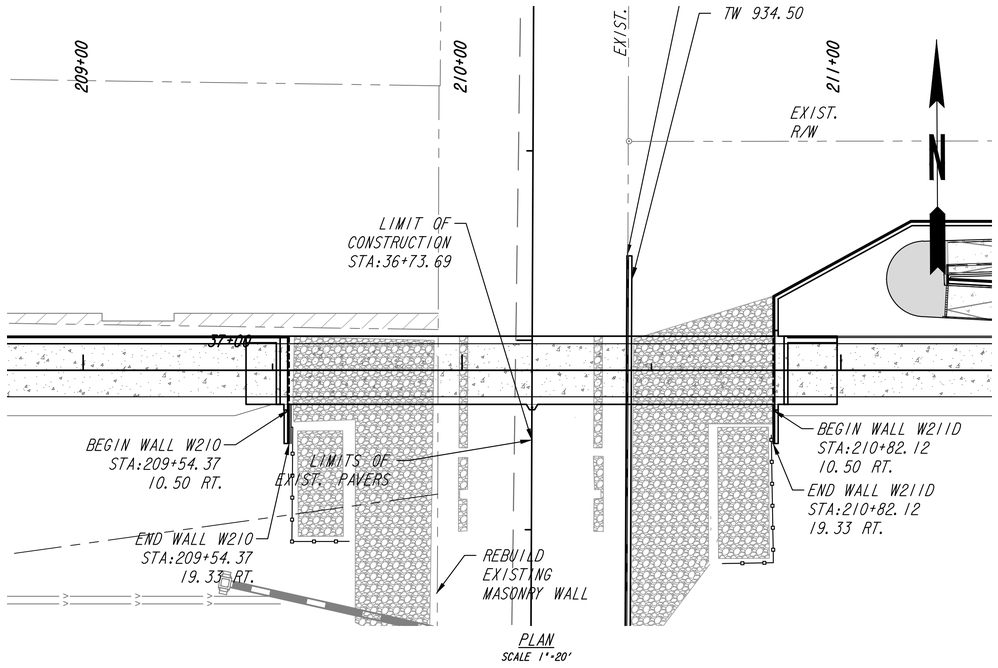
SCALE: 1" = 20' HORIZ.
1" = 4' VERT.

REVISION DATES

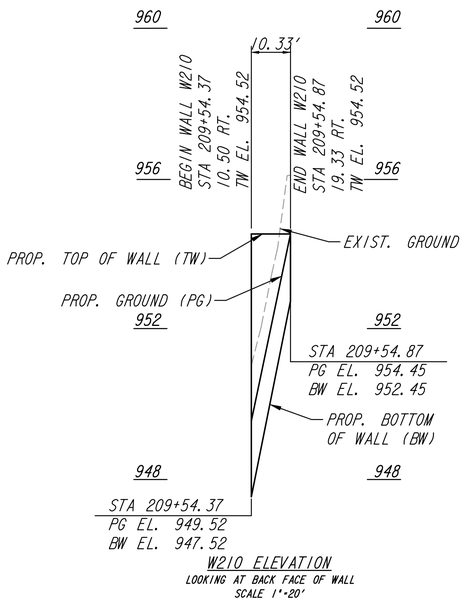
RETAINING WALL ENVELOPES
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
W205A

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		31-001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

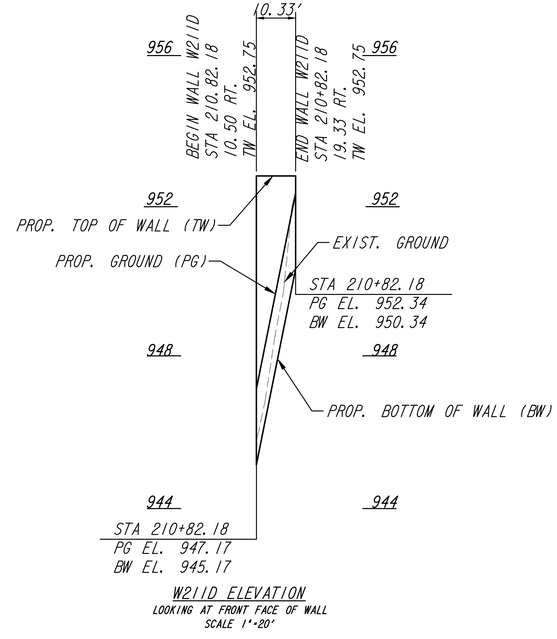
10/23/2015 GPLN



PLAN
SCALE 1"=20'



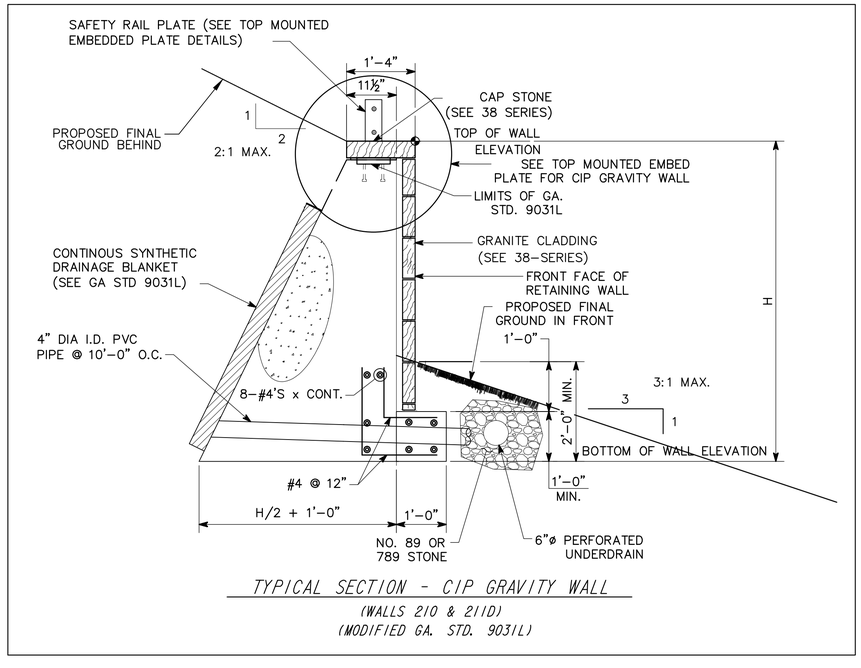
W210 ELEVATION
LOOKING AT BACK FACE OF WALL
SCALE 1"=20'



W211D ELEVATION
LOOKING AT FRONT FACE OF WALL
SCALE 1"=20'

NOTES

1. STATIONS ARE MEASURED ALONG ℄ CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL UNLESS NOTED OTHERWISE.
2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL AND WALL LENGTHS INCLUDE GRANITE VENEER (NOT SHOWN FOR CLARITY).
3. PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.
4. ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT OF THE WALL.



TYPICAL SECTION - CIP GRAVITY WALL
(WALLS 210 & 211D)
(MODIFIED GA. STD. 9031L)

PROPERTY AND EXISTING R/W LINE — P/L —
REQUIRED R/W LINE
CONSTRUCTION LIMITS — C — F —
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

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ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

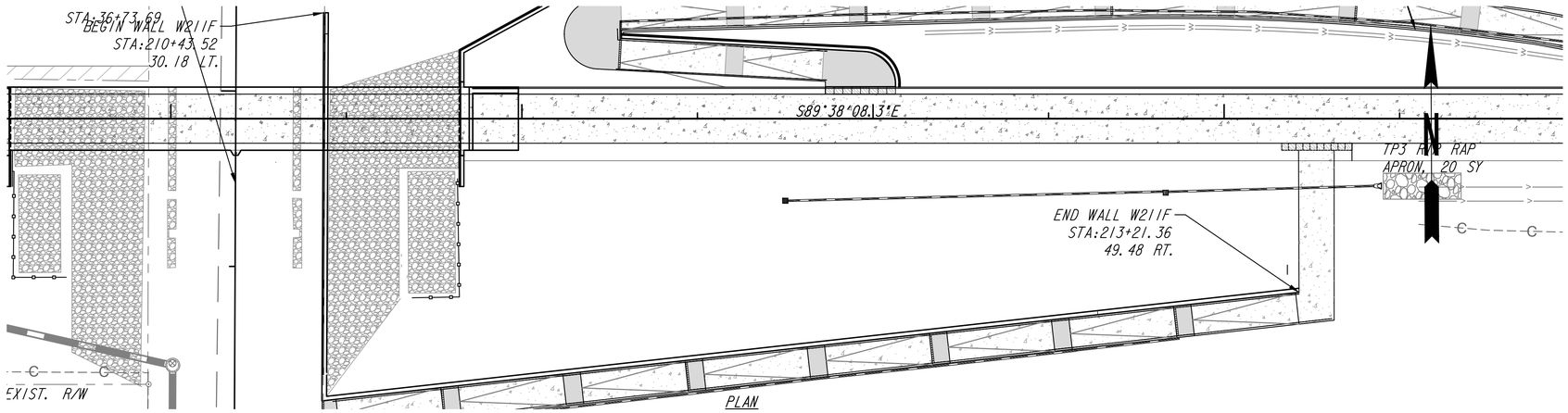
SCALE: 1" = 20' HORIZ.
1" = 4' VERT.

REVISION DATES

RETAINING WALL ENVELOPES
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
W210 & W211D

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		31-002
VERIFIED:		DATE:		

10/23/2015 GPLN



PLAN
SCALE 1"=20'

NOTES

1. STATIONS ARE MEASURED ALONG ℄ CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL UNLESS NOTED OTHERWISE.
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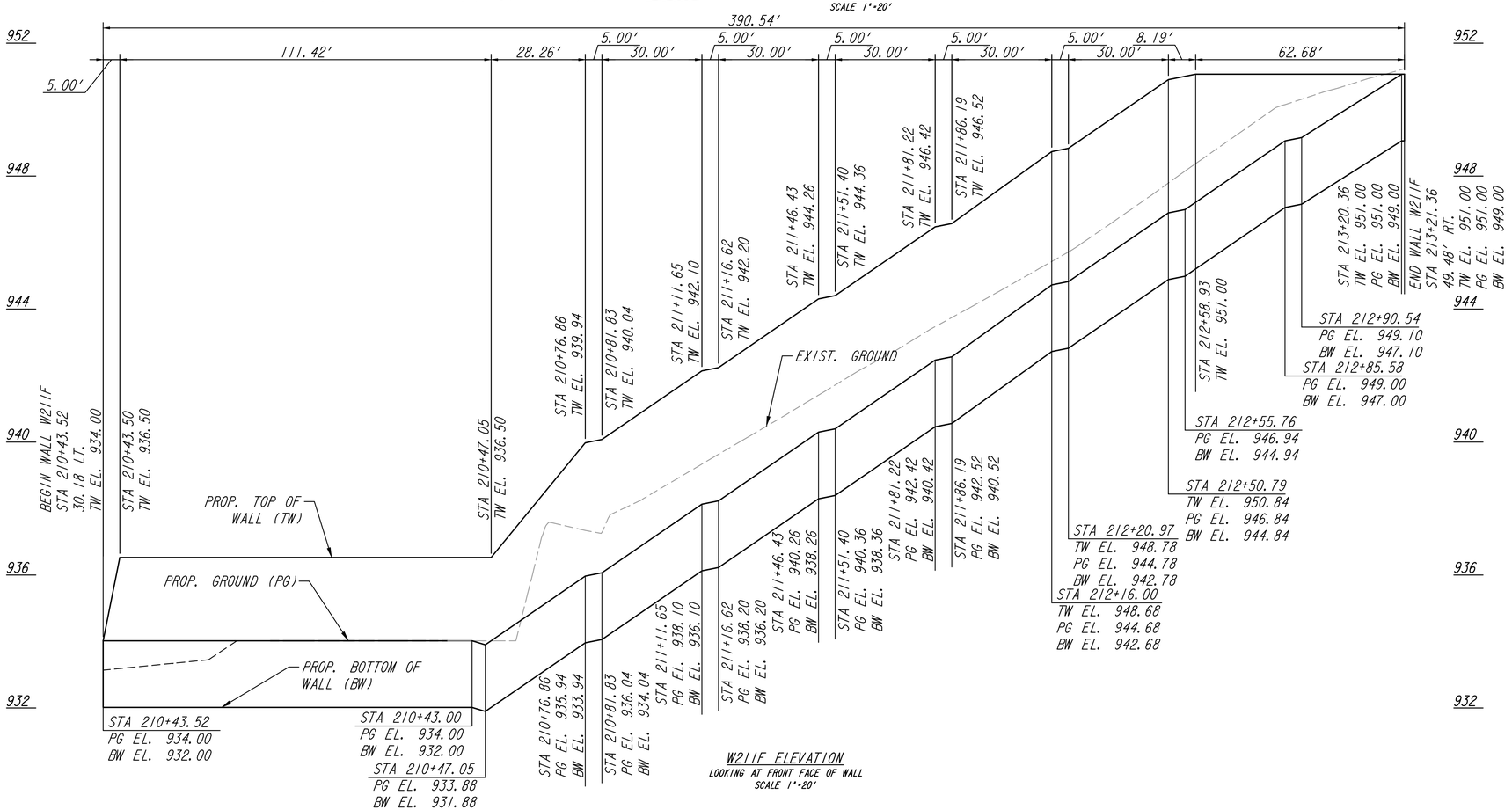
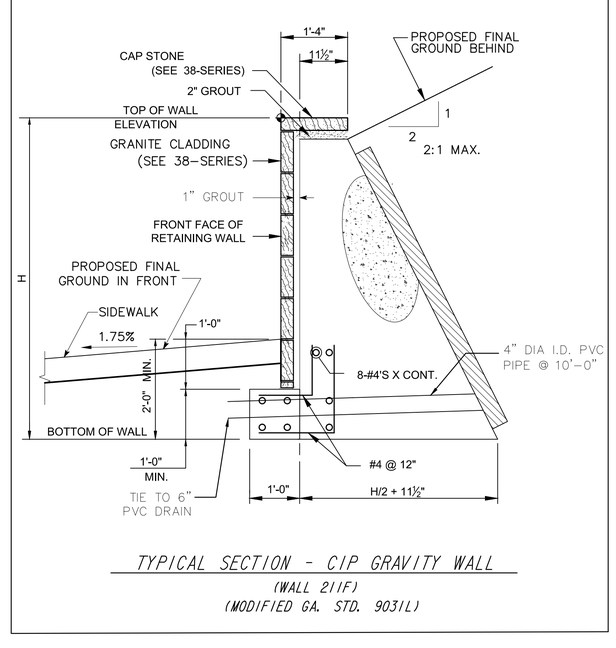


W21IF ELEVATION
LOOKING AT FRONT FACE OF WALL
SCALE 1"=20'



TYPICAL SECTION - CIP GRAVITY WALL
(WALL 21IF)
(MODIFIED GA. STD. 9031L)

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES
ENVIRONMENTALLY SENSITIVE AREA

Atlanta BeltLine
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

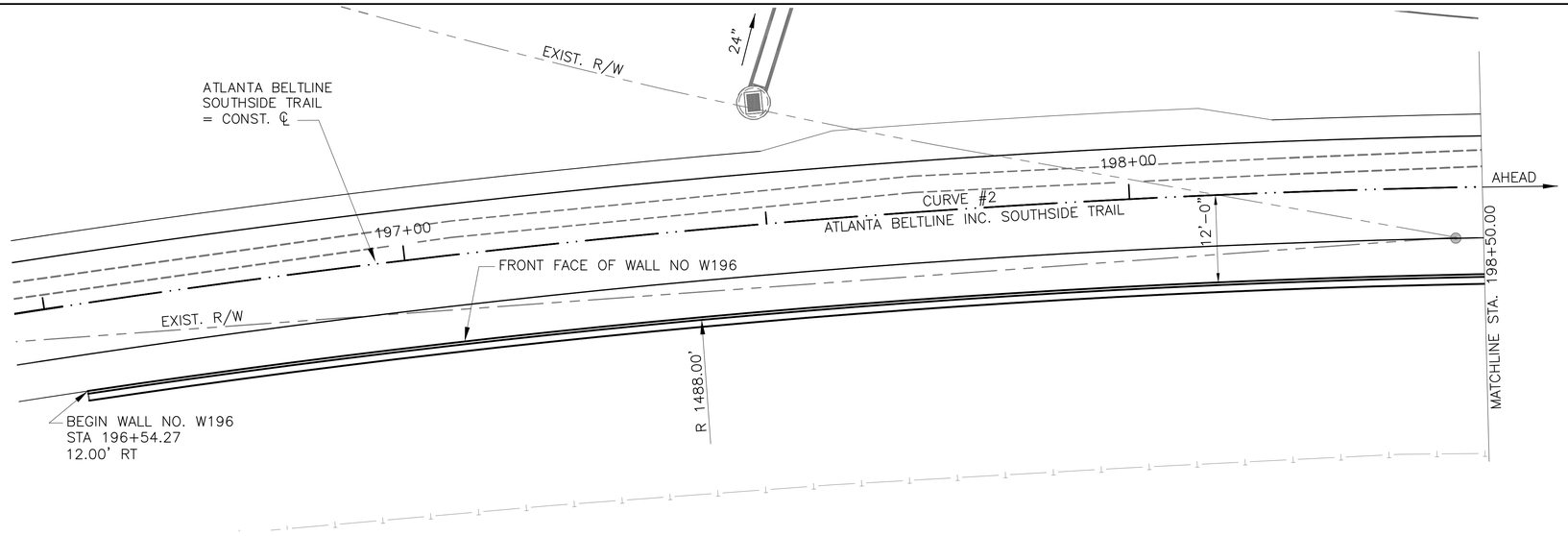
SCALE: 1" = 20' HORIZ.
1" = 4' VERT.

REVISION DATES

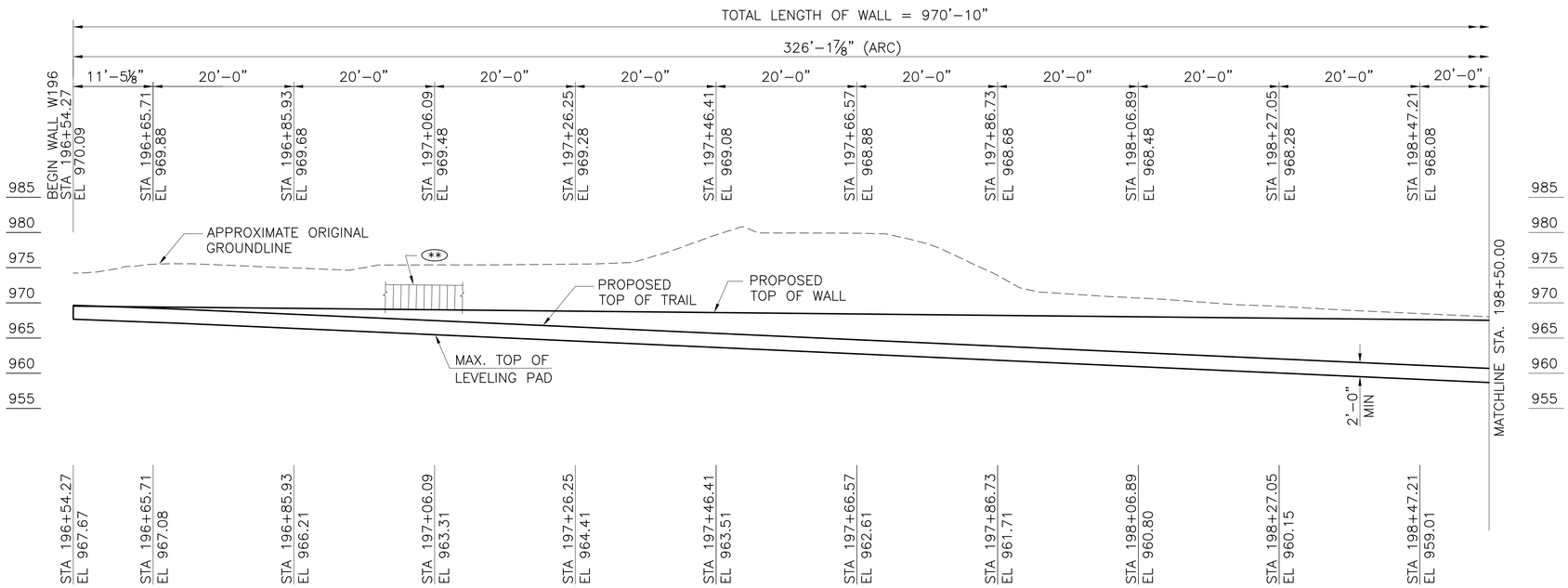
RETAINING WALL ENVELOPES
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)
W21IF

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		31-003
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



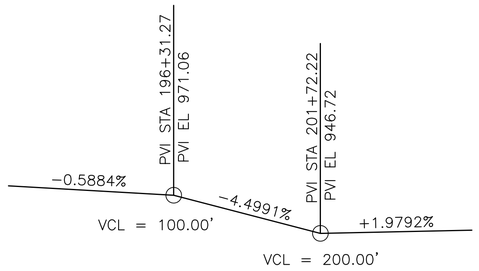
PLAN



ELEVATION
(LOOKING AT BACK FACE OF WALL)

CURVE #2
PI STA = 197+25.77
N = 1354802.60
E = 2230856.17
DELTA = 19°-51'-25"
D = 3°-49'-10.99"
T = 262.56'
L = 519.86'
R = 1500.00'
E = 22.81'
SE = 1.75%

HORIZONTAL CURVE DATA



VERTICAL CURVE DATA

TRANSIT DESIGN LOADS

WALL DESIGN LOADING ----------TRANSIT DESIGN CRITERIA (BASED ON A SEIMENS S70 "ULTRA-SHORT" VEHICLE)

STRUCTURAL LOADING FOR DESIGN:

VEHICLE WEIGHT EMPTY: 93,000 LBS

AW4 (STRUCTURAL LOAD) CAPACITY: 60 SEATED, 149 STANDING (TOTAL 209 PEOPLE) @ 79 KG/PASSENGER = 36,400 LBS.

FULLY LOADED VEHICLE: 129,400 LBS

DESIGN SPEED ------NOT TO EXCEED 35 mph.

NOTES

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2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
3. PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.
4. FOR MSE WALL NOTES AND TYPICAL SECTIONS, SEE "WALL DETAIL 1".
5. ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
6. WALL LENGTHS INCLUDE GRANITE VENEER, (NOT SHOWN FOR CLARITY).
7. (**) INDICATES 42" METAL SAFETY RAIL (TOP MOUNTED).

R – RADIAL DIMENSION

ARC – ARC DIMENSION

PROJECT P.I. NO. 0009397 (SEGMENT 3)

WALL NO. W196

SUMMARY OF QUANTITIES

W196

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500 – 3800	200	CY	CLASS A CONCRETE, INCL REINF STEEL
501 – 2000	3760	LB	STR STEEL
515 – 2105	971	LF	42 IN METAL SAFETY RAIL
627 – 1000	2300	SF	MSE WALL FACE, 0 – 10 FT HT, WALL NO – W196
627 – 1010	9000	SF	MSE WALL FACE, 10 – 20 FT HT, WALL NO – W196
999 – 9000	12250	SF	GRANITE FACING

WALL NO. W196 DESIGN DATA

SPECIFICATION .....AASHTO 17TH EDITION, 2002
(DESIGNED FOR SEISMIC PERFORMANCE CATEGORY A)

RETAINED BACKFILL
SOIL UNIT WEIGHT..... 120 PCF
COHESION..... 0 PSF
ANGLE OF INTERNAL FRICTION..... 28.0°

FOUNDATION SOIL
SOIL UNIT WEIGHT..... 120 PCF
COHESION..... 0 PSF
ANGLE OF INTERNAL FRICTION..... 30.0°
COEFFICIENT OF SLIDING FRICTION..... 0.34
ALLOWABLE BEARING PRESSURE ..... 2500 PSF

1 INCH WHEN PRINTED FULL SIZE

S&A Atlanta
SASTRY & ASSOCIATES, INC.
11030 JONES BRIDGE ROAD, SUITE 201
ALPHARETTA, GA 30022
PHONE: 678-366-9375 FAX: 678-366-9375

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817 W. PEACHTREE STREET, NW
THE BILTMORE, SUITE 601
ATLANTA, GEORGIA 30308
PHONE (404) 419-8700

GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ARUNA SASTRY
02-05-2021

DRAWING NO. 32-0001
WALL SHEET 1 OF 5

DATE
REVISIONS
BY

ATLANTA BELTLINE

PLAN AND ELEVATION
WALL NO. W196 (MSE)
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: 1"=10'-0" FEBRUARY 2021

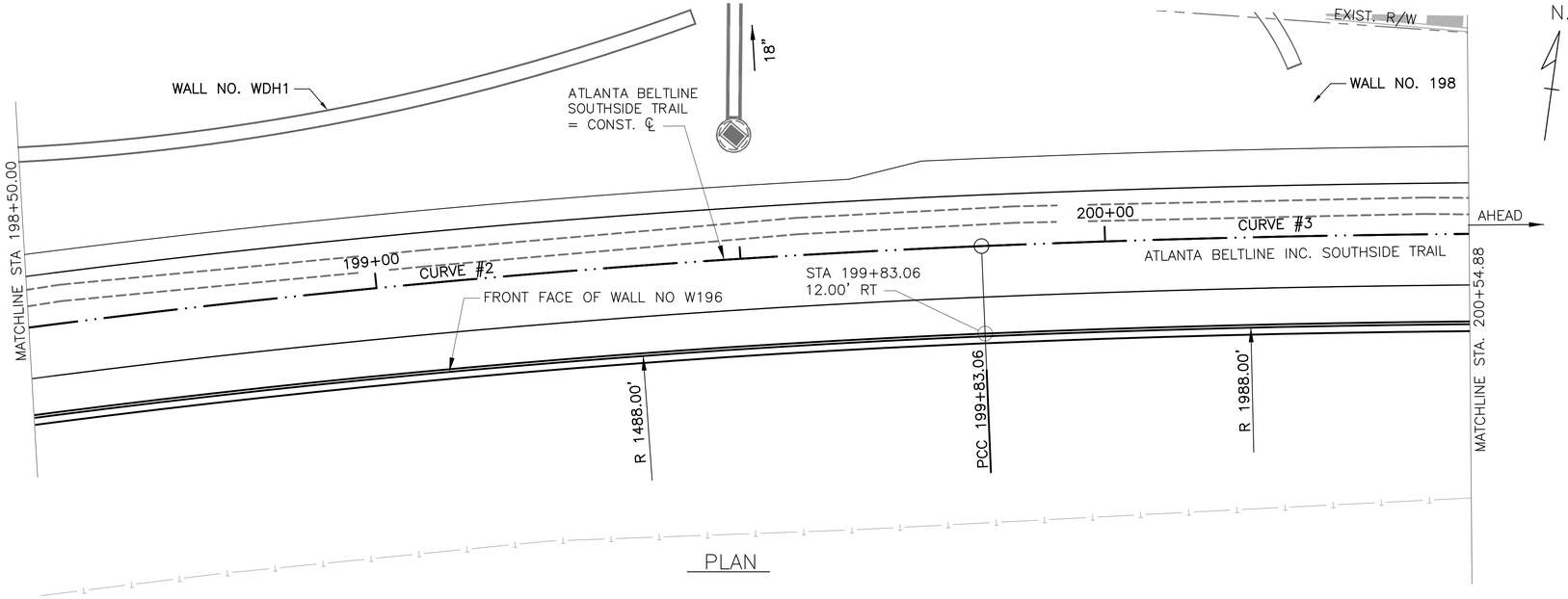
DESIGNED UP/NHK CHECKED AS REVIEWED SKG
DRAWN PS DESIGN GROUP APPROVED DPD

1 INCH WHEN PRINTED FULL SIZE

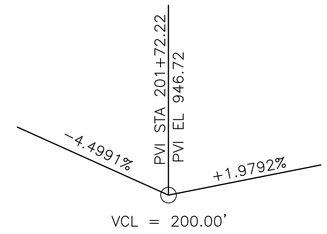
S3-W196.dwg

DATE: Feb 10, 2021 TIME: 4:42pm
USER: aruna

P.I. NO.
0009397



PLAN



VERTICAL CURVE DATA

CURVE #2	CURVE #3
PI STA = 197+25.77	PI STA = 201+21.84
N = 1354802.60	N = 1354855.51
E = 2230856.17	E = 2231254.01
DELTA = 19°-51'-25"	DELTA = 7°-56'-19"
D = 3°-49'-10.99"	D = 2°-51'-53.24"
T = 262.56'	T = 138.78'
L = 519.86'	L = 277.11'
R = 1500.00'	R = 2000.00'
E = 22.81'	E = 4.81'
SE = 1.75%	SE = 1.75%

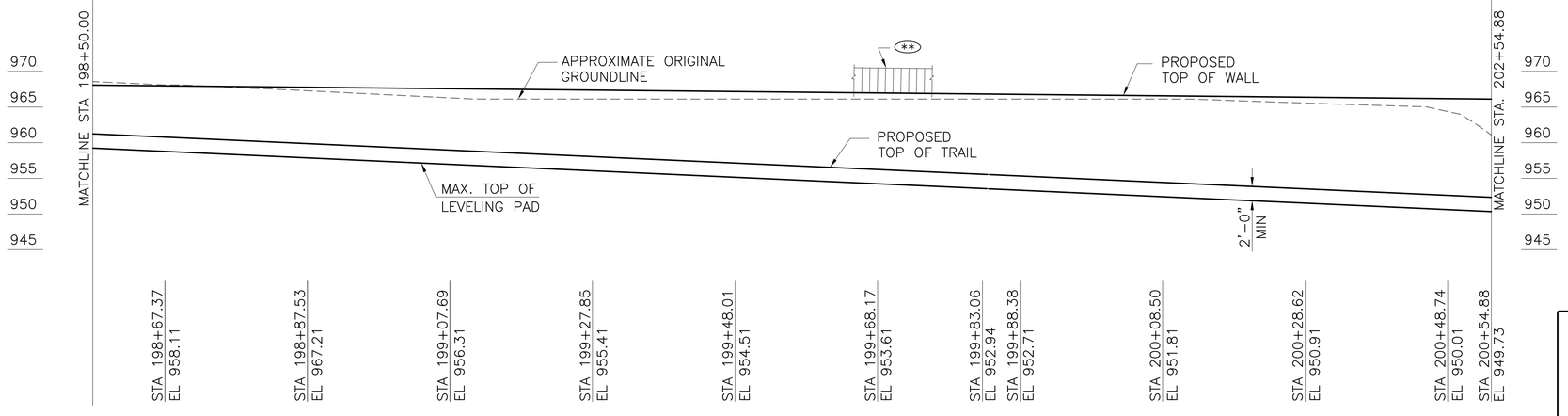
HORIZONTAL CURVE DATA

TOTAL LENGTH OF WALL = 970'-10"

326'-1⅞" (ARC) | 275'-5¼" (ARC)

20'-0" | 20'-0" | 20'-0" | 20'-0" | 20'-0" | 20'-0" | 14'-8¾" | 5'-3¼" | 20'-0" | 20'-0" | 20'-0" | 20'-0"

STA	EL
STA 198+67.37	EL 967.88
STA 198+87.53	EL 967.68
STA 199+07.69	EL 967.48
STA 199+27.85	EL 967.28
STA 199+48.01	EL 967.08
STA 199+68.17	EL 966.88
STA 199+83.06	EL 966.73
STA 199+88.38	EL 966.68
STA 200+08.50	EL 966.48
STA 200+28.62	EL 966.28
STA 200+48.74	EL 966.08
STA 200+54.88	EL 965.99



STA	EL
STA 198+67.37	EL 958.11
STA 198+87.53	EL 967.21
STA 199+07.69	EL 956.31
STA 199+27.85	EL 955.41
STA 199+48.01	EL 954.51
STA 199+68.17	EL 953.61
STA 199+83.06	EL 952.94
STA 199+88.38	EL 952.71
STA 200+08.50	EL 951.81
STA 200+28.62	EL 950.91
STA 200+48.74	EL 950.01
STA 200+54.88	EL 949.73

ELEVATION
(LOOKING AT BACK FACE OF WALL)

1 INCH WHEN PRINTED FULL SIZE

NOTES

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2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
3. PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.
4. FOR MSE WALL NOTES AND TYPICAL SECTIONS, SEE "WALL DETAIL 1".
5. ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
6. WALL LENGTHS INCLUDE GRANITE VENEER, (NOT SHOWN FOR CLARITY).
7. (**) INDICATES 42" METAL SAFETY RAIL (TOP MOUNTED).

R – RADIAL DIMENSION

ARC – ARC DIMENSION

PROJECT P.I. NO. 0009397 (SEGMENT 3)

WALL NO. W196

Kimley»Horn

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817 W. PEACHTREE STREET, NW
THE BILTMORE, SUITE 601
ATLANTA, GEORGIA 30308
PHONE (404) 419-8700

GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ARUNA SASTRY

02-05-2021

BY	REVISIONS	DATE

ATLANTA BELTLINE

PLAN AND ELEVATION
WALL NO. W196 (MSE)
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: 1"=10'-0" FEBRUARY 2021

DESIGNED UP/NHK CHECKED AS REVIEWED SKG
DRAWN PS DESIGN GROUP APPROVED DPD

S&A Atlanta
SASTRY & ASSOCIATES, INC.
11030 JONES BRIDGE ROAD, SUITE 201
ALPHARETTA, GA 30022
PHONE: 678-366-9375 FAX: 678-366-9375

DRAWING NO. 32-0002

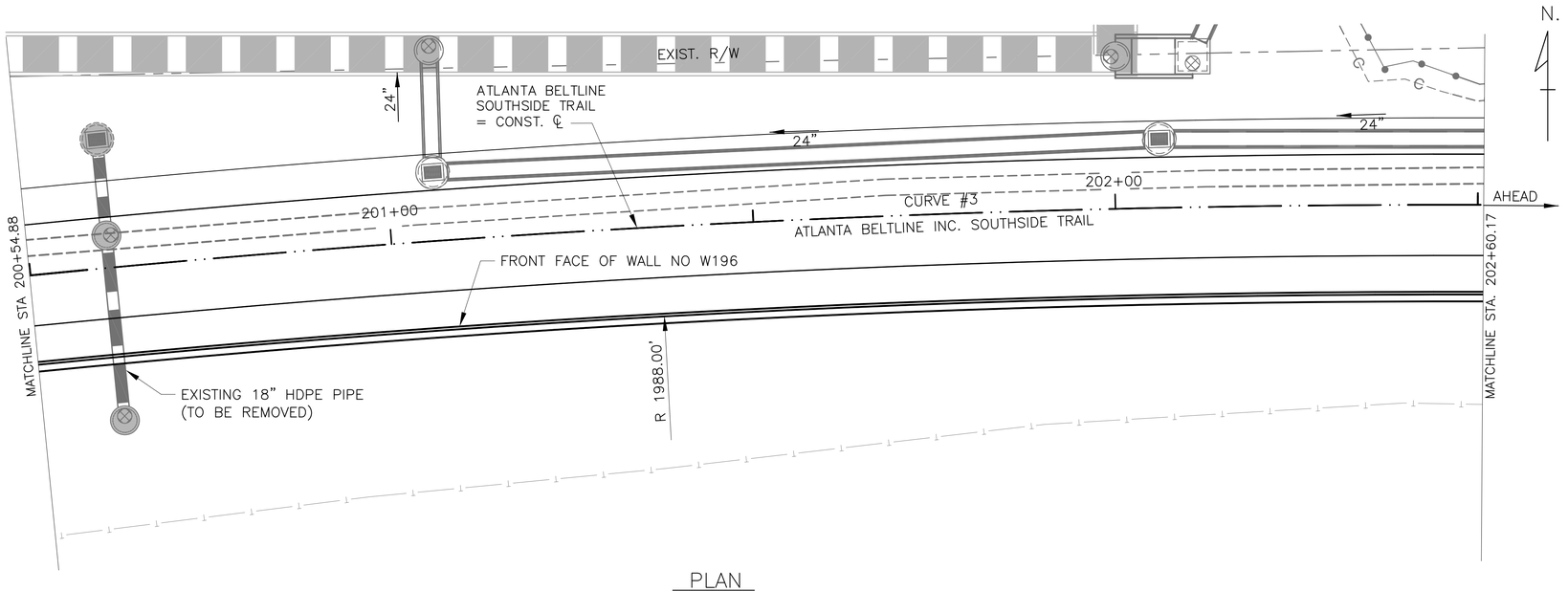
WALL SHEET 2 OF 5

1 INCH WHEN PRINTED FULL SIZE

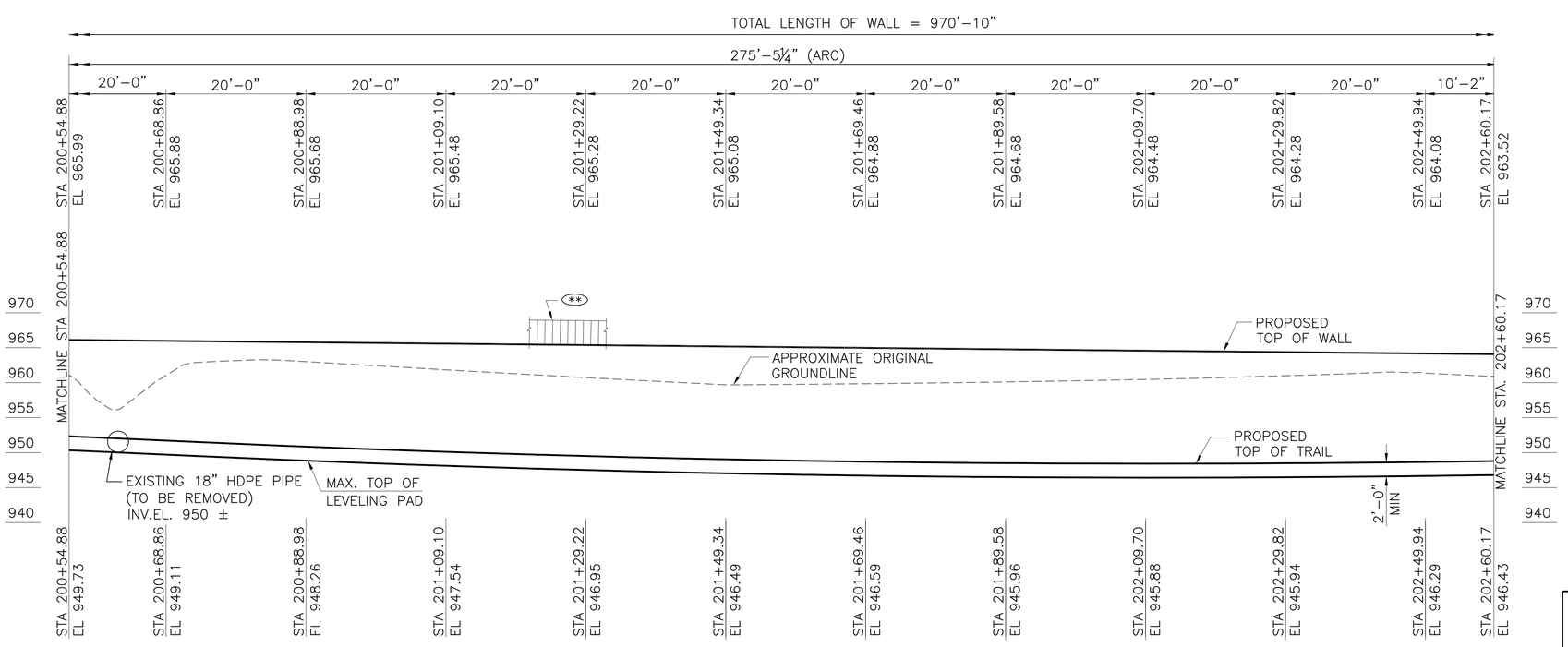
S3-W196.dwg

DATE: Feb 10, 2021 TIME: 4:46pm USER: aruna

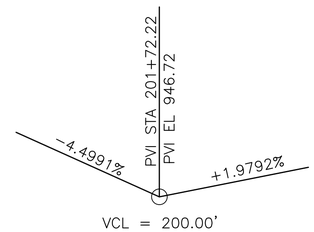
P.I. NO.
0009397



PLAN



ELEVATION
(LOOKING AT BACK FACE OF WALL)



VERTICAL CURVE DATA

CURVE #3
PI STA = 201+21.84
N = 1354855.51
E = 2231254.01
DELTA = 7°-56'-19"
D = 2°-51'-53.24"
T = 138.78'
L = 277.11'
R = 2000.00'
E = 4.81'
SE = 1.75%

HORIZONTAL CURVE DATA

NOTES

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R – RADIAL DIMENSION

ARC – ARC DIMENSION

PROJECT P.I. NO. 0009397 (SEGMENT 3)

WALL NO. W196

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THE BILTMORE, SUITE 601
ATLANTA, GEORGIA 30308
PHONE (404) 419-8700

GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ARUNA SASTRY
02-05-2021

REVISIONS	DATE	BY

ATLANTA BELTLINE

PLAN AND ELEVATION
WALL NO. W196 (MSE)
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: 1"=10'-0" FEBRUARY 2021

DESIGNED UP/NHK CHECKED AS REVIEWED SKG
DRAWN PS DESIGN GROUP APPROVED DPD

DRAWING NO. 32-0003

WALL SHEET 3 OF 5

1 INCH WHEN PRINTED FULL SIZE

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SASTRY & ASSOCIATES, INC.
11030 JONES BRIDGE ROAD, SUITE 201
ALPHARETTA, GA 30022
PHONE: 678-366-9375 FAX: 678-366-9375

S3-W196.dwg

1 INCH WHEN PRINTED FULL SIZE

DATE: Feb 10, 2021 TIME: 4:46pm
USER: aruna

P.I. NO.
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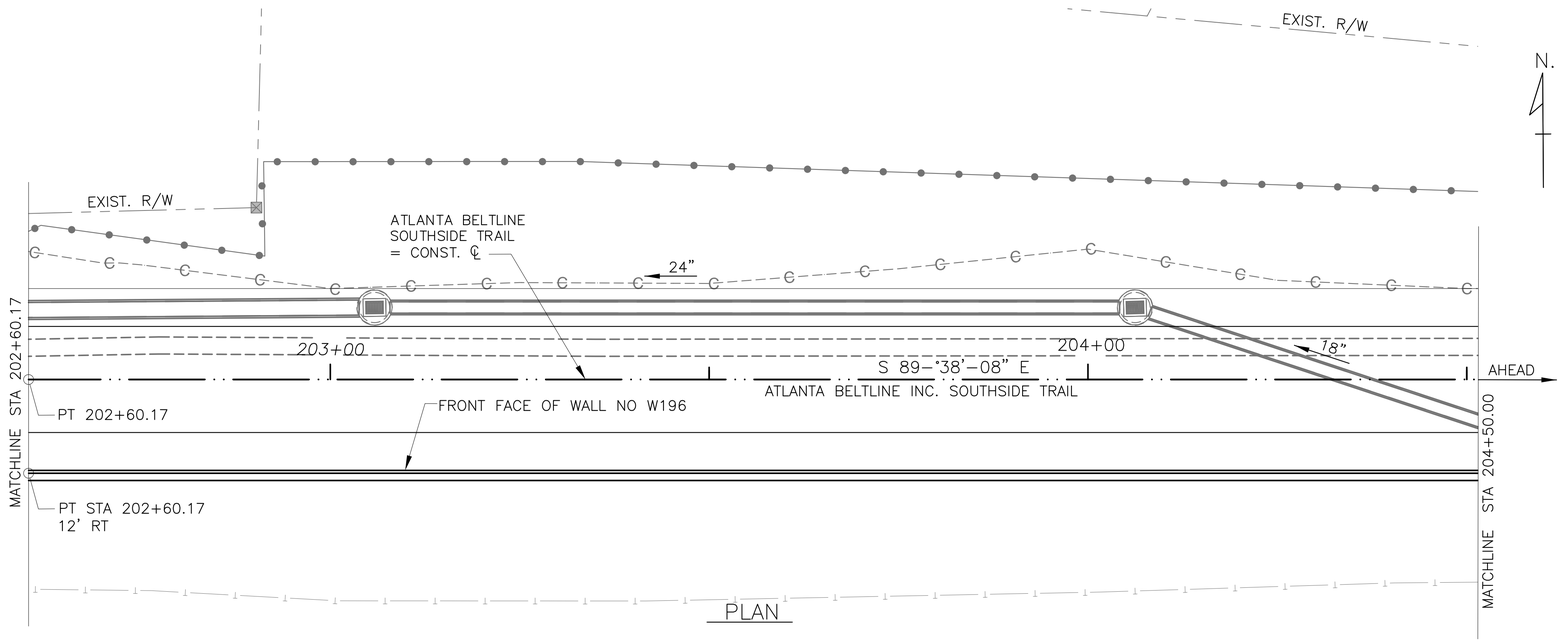
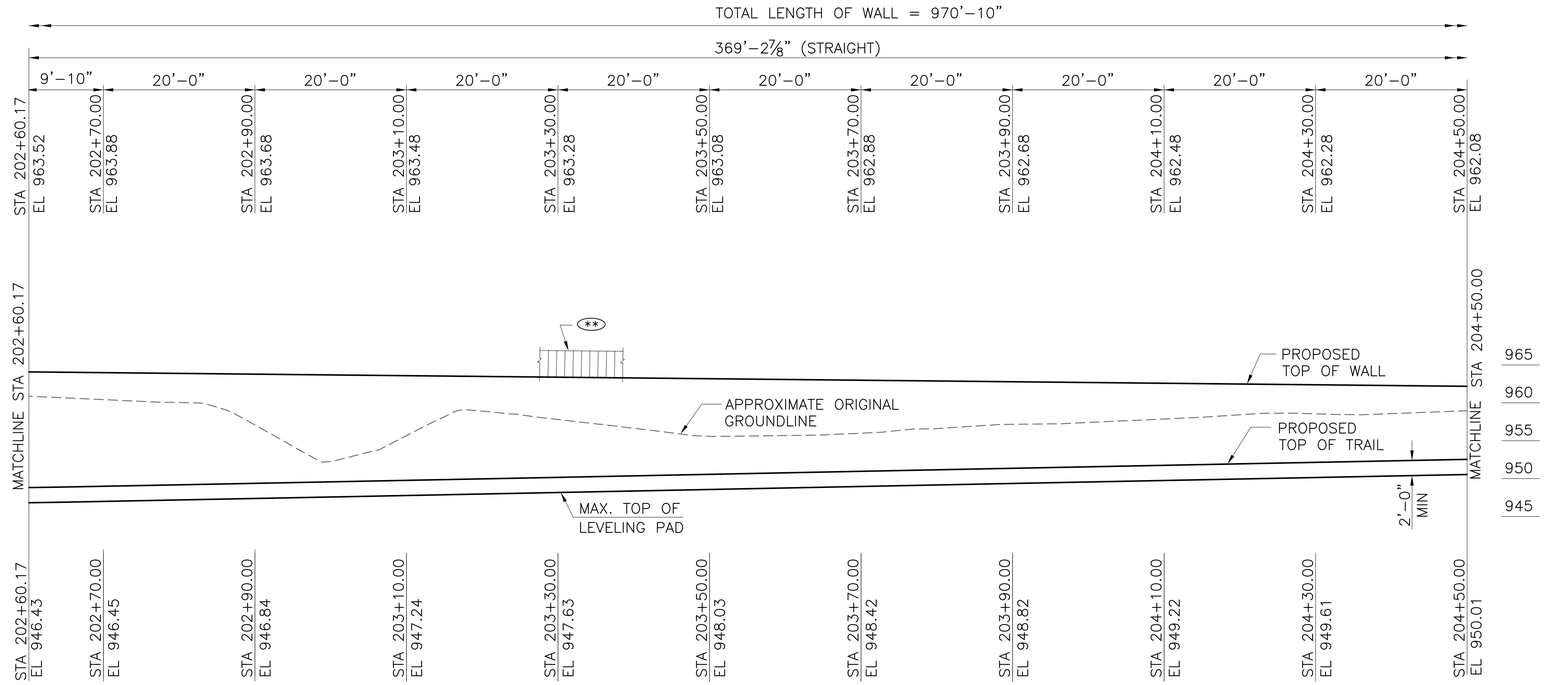
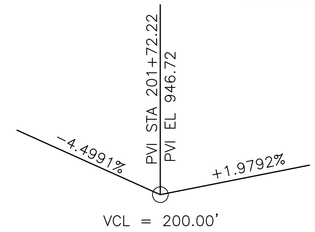


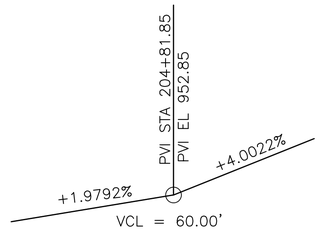
PLAN



ELEVATION
(LOOKING AT BACK FACE OF WALL)



VERTICAL CURVE DATA



VERTICAL CURVE DATA

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PROJECT P.I. NO. 0009397 (SEGMENT 3)
WALL NO. W196

Kimley»Horn

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817 W. PEACHTREE STREET, NW
THE BILTMORE, SUITE 601
ATLANTA, GEORGIA 30308
PHONE (404) 419-8700

GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ANUNA SASTRY
02-05-2021

DATE	REVISIONS	BY

ATLANTA BELTLINE

PLAN AND ELEVATION
WALL NO. W196 (MSE)
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: 1"=10'-0" FEBRUARY 2021

DESIGNED UP/NHK CHECKED AS REVIEWED SKG
DRAWN PS DESIGN GROUP APPROVED DPD

1 INCH WHEN PRINTED FULL SIZE

S&A Atlanta

SASTRY & ASSOCIATES, INC.
11030 JONES BRIDGE ROAD, SUITE 201
ALPHARETTA, GA 30022
PHONE: 678-366-9375 FAX: 678-366-9375

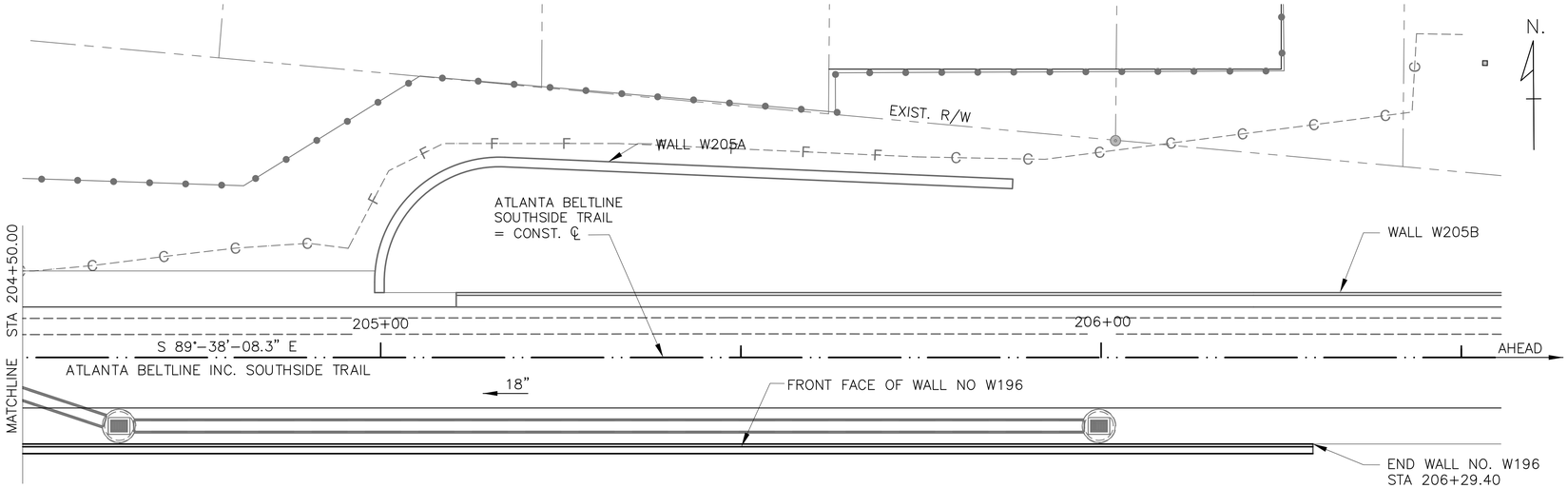
DRAWING NO. 32-0004
WALL SHEET 4 OF 5

1 INCH WHEN PRINTED FULL SIZE

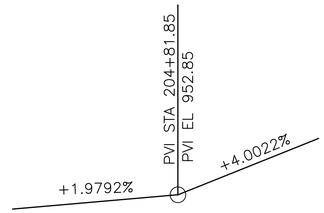
S3-W196.dwg

DATE: Feb 10, 2021 TIME: 4:47pm
USER: gruna

P.I. NO.
0009397



PLAN



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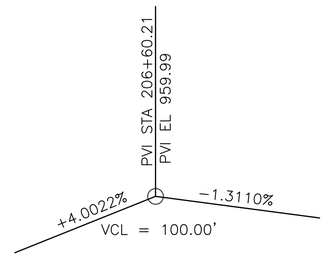

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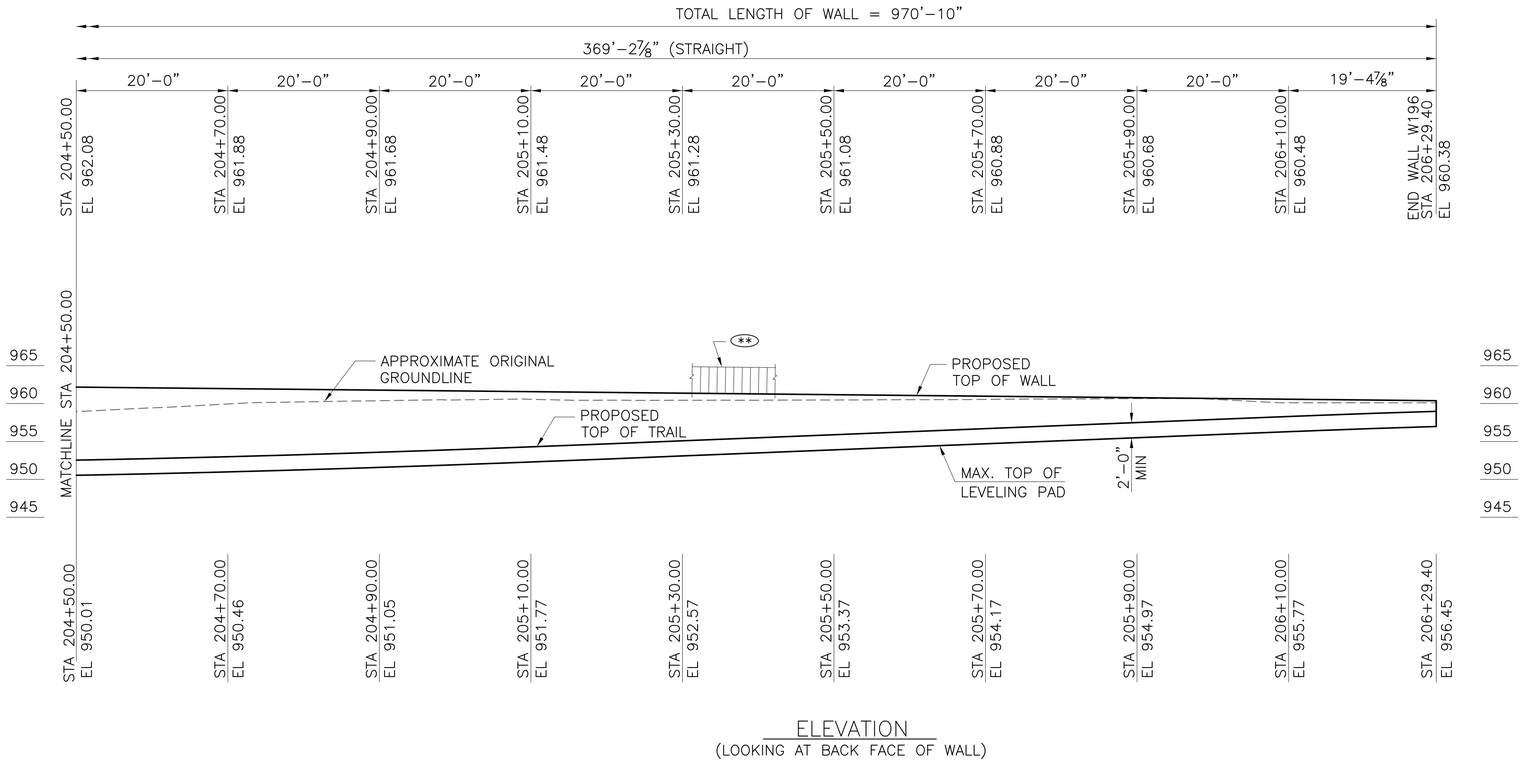

ELEVATION
(LOOKING AT BACK FACE OF WALL)

NOTES

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PROJECT P.I. NO. 0009397 (SEGMENT 3)
WALL NO. W196

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PHONE (404) 419-8700

GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ARUNA SASTRY
02-05-2021

DATE	REVISIONS	BY

ATLANTA BELTLINE

PLAN AND ELEVATION
WALL NO. W196 (MSE)
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: 1"=10'-0" FEBRUARY 2021

DESIGNED UP/NHK CHECKED AS REVIEWED SKG
DRAWN PS DESIGN GROUP APPROVED DPD

DRAWING NO. 32-0005
WALL SHEET 5 OF 5

1 INCH WHEN PRINTED FULL SIZE

S&A Atlanta
SASTRY & ASSOCIATES, INC.
11030 JONES BRIDGE ROAD, SUITE 201
ALPHARETTA, GA 30022
PHONE: 678-366-9375 FAX: 678-366-9375

1 INCH WHEN PRINTED FULL SIZE

S3-W196.dwg

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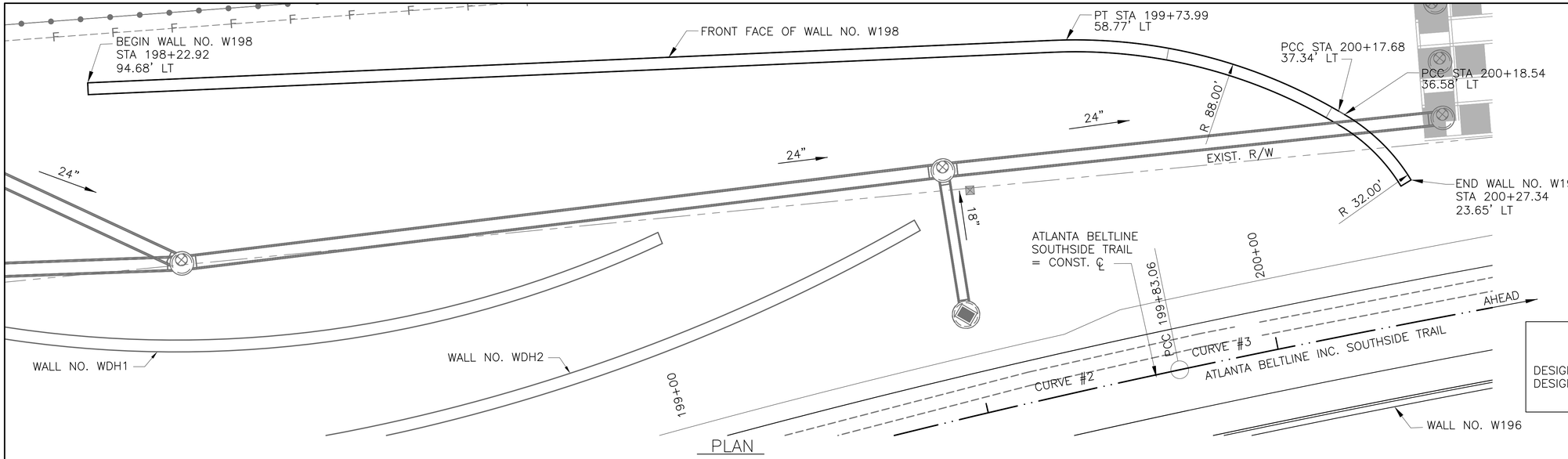


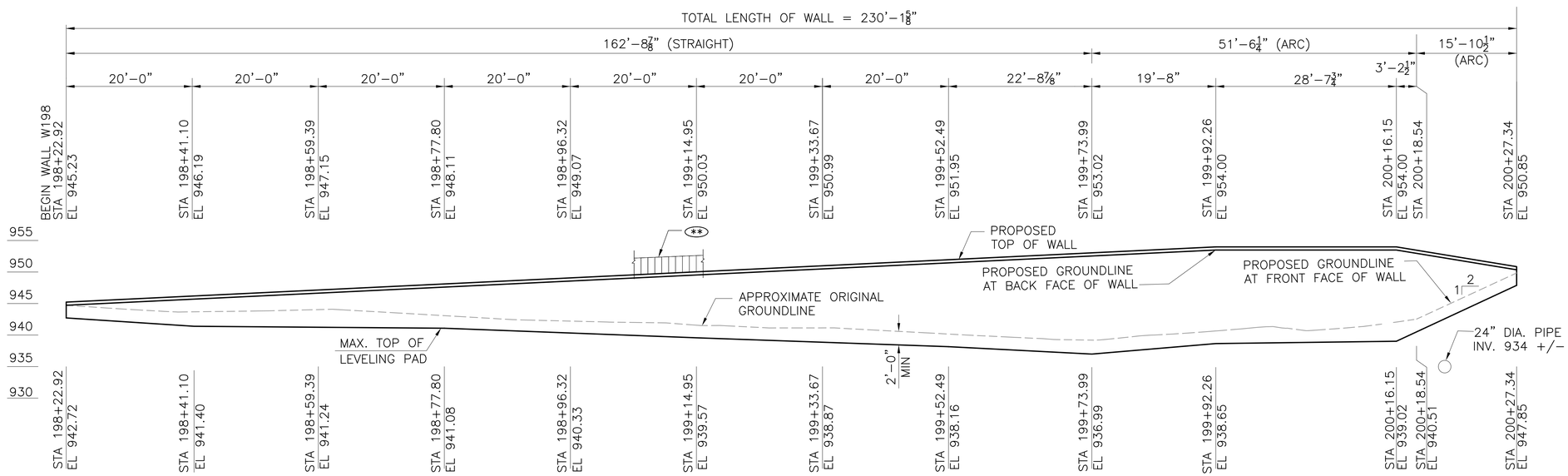
PLAN

CURVE #2	CURVE #3
PI STA = 197+25.77	PI STA = 201+21.84
N = 1354802.60	N = 1354855.51
E = 2230856.17	E = 2231254.01
DELTA = 19°–51'–25"	DELTA = 7°–56'–19"
D = 3°–49'–10.99"	D = 2°–51'–53.24"
T = 262.56'	T = 138.78'
L = 519.86'	L = 277.11'
R = 1500.00'	R = 2000.00'
E = 22.81'	E = 4.81'
SE = 1.75%	SE= 1.75%

HORIZONTAL CURVE DATA

DESIGN LOADS

DESIGN VEHICLE LIVE LOAD..... H–10 (WITHOUT IMPACT)
DESIGN PEDESTRIAN LIVE LOAD..... 85 PSF



ELEVATION
(LOOKING AT BACK FACE OF WALL)

NOTES

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R – RADIAL DIMENSION

ARC – ARC DIMENSION

SUMMARY OF QUANTITIES

W198

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500 – 3800	50	CY	CLASS A CONCRETE, INCL REINF STEEL
501 – 2000	920	LB	STR STEEL
515 – 2105	231	LF	42 IN METAL SAFETY RAIL
627 – 1000	600	SF	MSE WALL FACE, 0 – 10 FT HT, WALL NO – W198
627 – 1010	1930	SF	MSE WALL FACE, 10 – 20 FT HT, WALL NO – W198
999 – 9000	2630	SF	GRANITE FACING

WALL NO. W198 DESIGN DATA

SPECIFICATION .....AASHTO 17TH EDITION, 2002
(DESIGNED FOR SEISMIC PERFORMANCE CATEGORY A)
RETAINED BACKFILL
SOIL UNIT WEIGHT..... 120 PCF (RETAINED BACKFILL)
SOIL UNIT WEIGHT..... 120 PCF (FOUNDATION SOIL)
COHESION..... 0 PSF
ANGLE OF INTERNAL FRICTION..... 28.0°
COEFFICIENT OF SLIDING FRICTION..... 0.34
ALLOWABLE BEARING PRESSURE ..... 2500 PSF

1 INCH WHEN PRINTED FULL SIZE

S&A Atlanta
SASTRY & ASSOCIATES, INC.
11030 JONES BRIDGE ROAD, SUITE 201
ALPHARETTA, GA 30022
PHONE: 678–366–9375 FAX: 678–366–9375

GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ARUNA SASTRY
02–05–2021

DRAWING NO. 32–0006
WALL SHEET 1 OF 1

1 INCH WHEN PRINTED FULL SIZE

P.I. NO. 0009397

PROJECT P.I. NO. 0009397 (SEGMENT 3)
WALL NO. W198

Kimley»Horn
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817 W. PEACHTREE STREET, NW
THE BILTMORE, SUITE 601
ATLANTA, GEORGIA 30308
PHONE (404) 419–8700

ATLANTA BELTLINE

PLAN AND ELEVATION
WALL NO. W198 (MSE)
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: 1"=10'–0" FEBRUARY 2021

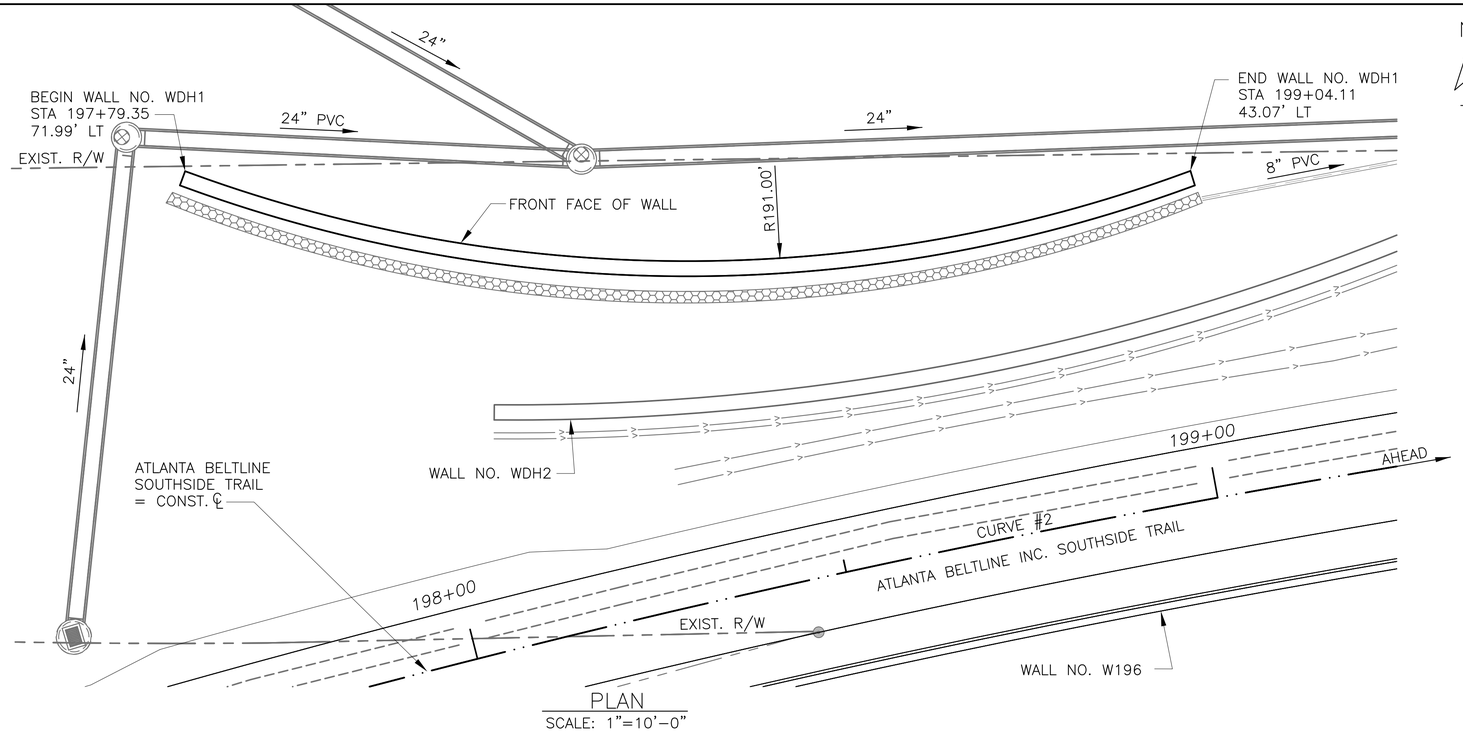
DESIGNED	UP/NHK	CHECKED	AS	REVIEWED	SKG
DRAWN	PS	DESIGN GROUP		APPROVED	DPD

S3–W198.dwg

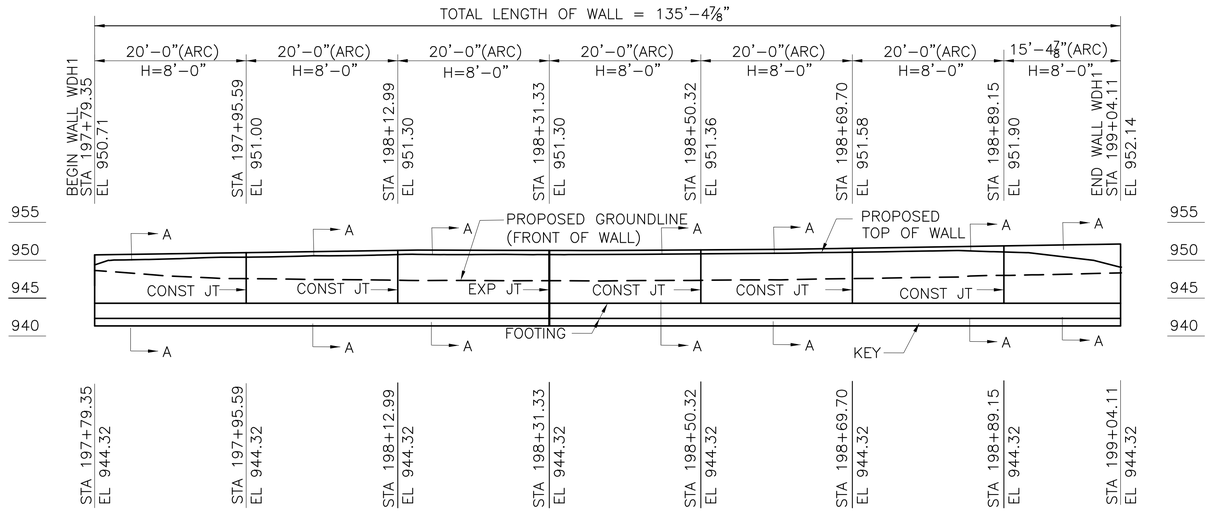
DATE | REVISIONS | BY

DATE: Feb 12, 2021 TIME: 1:18pm USER: aruna

P.I. NO.
0009397



PLAN
SCALE: 1"=10'-0"



ELEVATION
SCALE: 1"=10'-0"
(LOOKING AT BACK FACE OF WALL)

CURVE #2
PI STA = 197+25.77
N = 1354802.60
E = 2230856.17
DELTA = 19°-51'-25"
D = 3°-49'-10.99"
T = 262.56'
L = 519.86'
R = 1500.00'
E = 22.81'
SE = 1.75%

HORIZONTAL CURVE DATA

NOTES

1. STATIONS ARE MEASURED ALONG ℄ CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL UNLESS NOTED OTHERWISE.
2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
3. PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.
4. FOR TYPICAL SECTIONS, SEE "WALL DETAIL 3".
5. ELEVATIONS SHOWN ARE AT TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
6. WALL LENGTHS INCLUDE GRANITE VENEER (NOT SHOWN FOR CLARITY).

R – RADIAL DIMENSION

ARC – ARC DIMENSION

H – DESIGN HEIGHT

WDH1

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500 – 3107	145	CY	CLASS A CONCRETE, RETAINING WALL
501 – 2000	560	LB	STR STEEL
511 – 1000	6600	LB	BAR REINF STEEL
999 – 9600	1450	SF	RUBBLE MASONRY FACING

WALL NO. WDH1 DESIGN DATA

SPECIFICATION .....AASHTO 17TH EDITION, 2002
(DESIGNED FOR SEISMIC PERFORMANCE CATEGORY A)
CONCRETE ..... CLASS A, f'c=3,000 PSI
REINFORCING STEEL ..... GRADE 60, fy=60,000 PSI
SOIL UNIT WEIGHT..... 120 PCF (RETAINED SOIL)
SOIL UNIT WEIGHT.....-..... 120 PCF (FOUNDATION SOIL)
COHESION..... 0 PSF
ANGLE OF INTERNAL FRICTION..... 28.0°
COEFFICIENT OF SLIDING FRICTION..... 0.34
ALLOWABLE BEARING PRESSURE ..... 2500 PSF

1 INCH WHEN PRINTED FULL SIZE

S&A Atlanta
SASTRY & ASSOCIATES, INC.
11030 JONES BRIDGE ROAD, SUITE 201
ALPHARETTA, GA 30022
PHONE: 678-366-9375 FAX: 678-366-9375

PROJECT P.I. NO. 0009397 (SEGMENT 3)
WALL NO. WDH1

Kimley»Horn

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817 W. PEACHTREE STREET, NW
THE BILTMORE, SUITE 601
ATLANTA, GEORGIA 30308
PHONE (404) 419-8700

GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ARUNA SASTRY
02-05-2021

BY	REVISIONS	DATE

ATLANTA BELTLINE

PLAN AND ELEVATION
WALL NO. WDH1 (CIP)
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

DRAWING NO. 32-0007A
WALL SHEET 1 OF 2

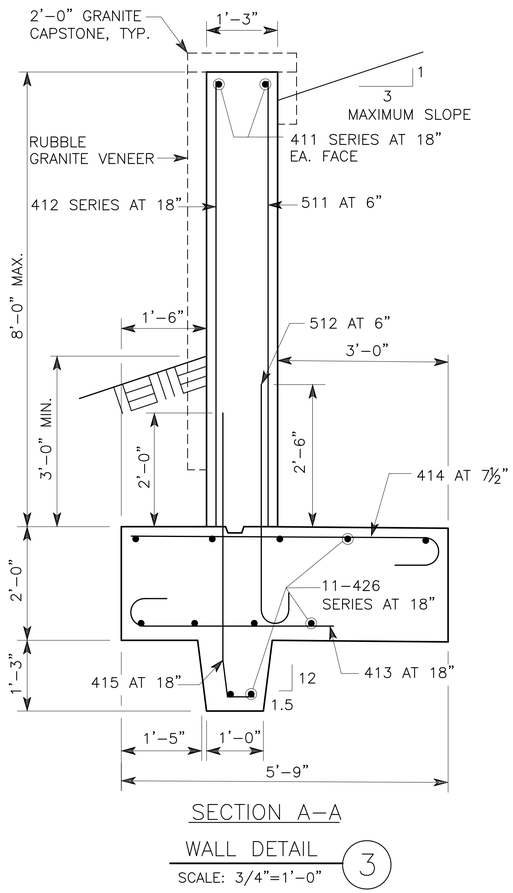
SCALE: 1"=10'-0" JANUARY 2021

DESIGNED UP/NHK CHECKED AS REVIEWED SKG
DRAWN PS DESIGN GROUP APPROVED DPD

1 INCH WHEN PRINTED FULL SIZE

S3-WDH1.dwg

DATE: Feb 10, 2021 TIME: 2:45pm
USER: aruna



SECTION A–A

WALL DETAIL 3

SCALE: 3/4"=1'–0"

NOTES

1. FOR GRANITE VENEER AND LEVELING PAD DETAILS SEE SHEET 32–0101
2. FOR EXPANSION JOINT DETAIL, CONTRACTION JOINT DETAIL, AND UNDERDRAIN DETAILS SEE SHEET 32–0102.

LOCATION	NO. OF LOC.	MARK	LENGTH FT.	LENGTH IN.	NO. BARS REQ'D.	TYPE	AG	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	h
WALL 8 FT	1																								
		411	46–	0	42	1																			
		412	VARY		92	1																			
		413	5–	0	91	9	1	4–	6																
		414	5–	9	217	9	1	5–	3																
		415	4–	6	91	7		0–	6	3–	6	0–	6									9	2	7	
		416	46–	0	33	1																			
		511	VARY		272	1																			
		512	4–	1	272	9	1	3–	6																

PROJECT P.I. NO. 0009397 (SEGMENT 3)

WALL NO. WDH1

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ATLANTA BELTLINE

WALL DETAILS
WALL NO. WDH1 (CIP)
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: AS SHOWN

FEBRUARY 2021

DESIGNED UP/NHK CHECKED AS REVIEWED SKG
DRAWN PS DESIGN GROUP APPROVED DPD

S3–WDH1.dwg

1 INCH WHEN PRINTED FULL SIZE

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ALPHARETTA, GA 30022
PHONE: 678–366–9375 FAX: 678–366–9375

DRAWING NO. 32–0007B

WALL SHEET 2 OF 2

GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ARUNA SASTRY
02–05–2021

DATE | REVISIONS | BY

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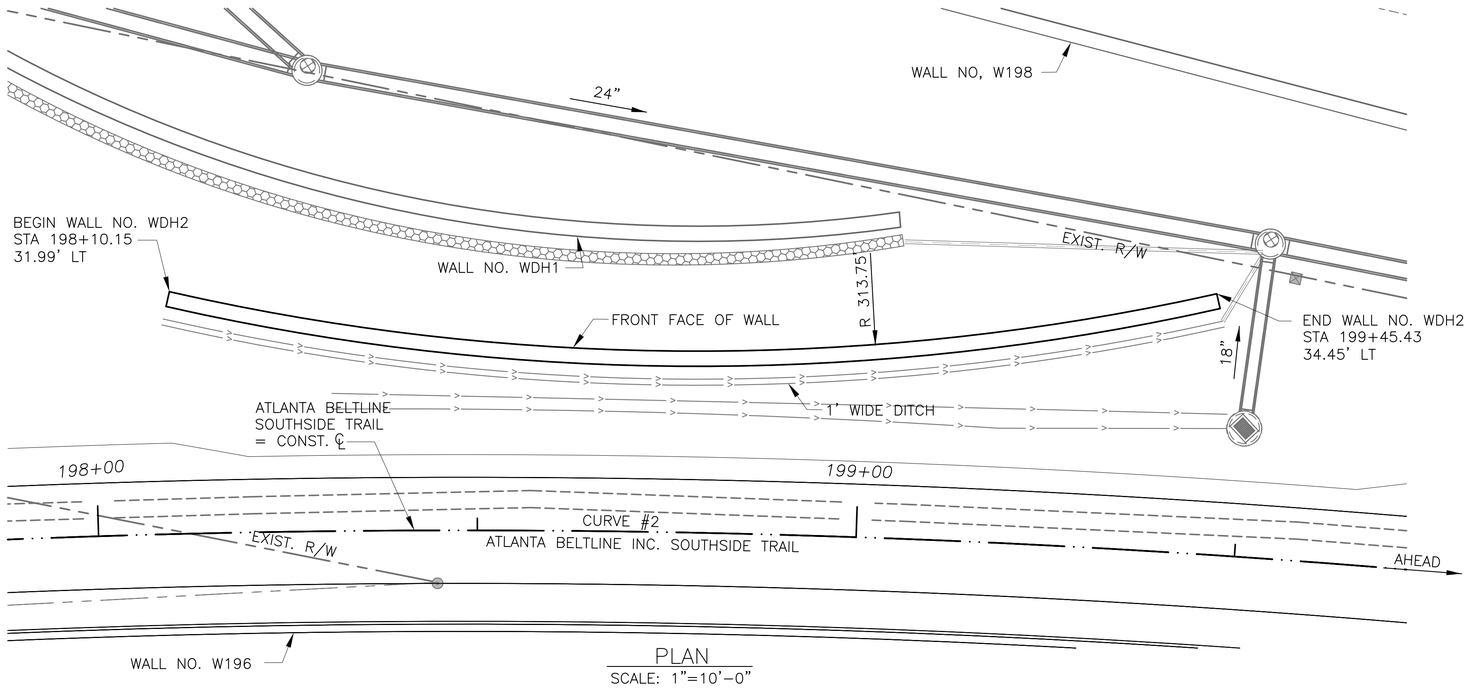
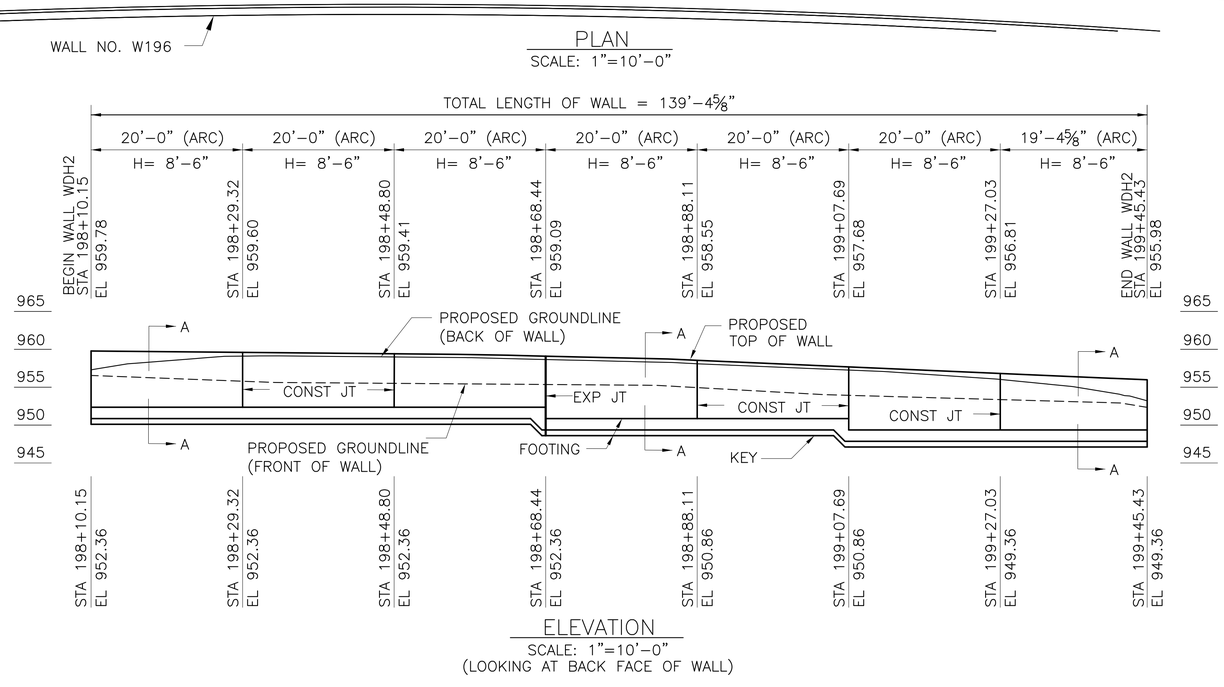
DATE: Feb 10, 2021 TIME: 2:45pm USER: aruna

P.I. NO.
0009397



PLAN
SCALE: 1"=10'-0"



ELEVATION
SCALE: 1"=10'-0"
(LOOKING AT BACK FACE OF WALL)

CURVE #2
PI STA = 197+25.77
N = 1354802.60
E = 2230856.17
DELTA = 19°-51'-25"
D = 3°-49'-10.99"
T = 262.56'
L = 519.86'
R = 1500.00'
E = 22.81'
SE = 1.75%

HORIZONTAL CURVE DATA

NOTES

1. STATIONS ARE MEASURED ALONG ℄ CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL UNLESS NOTED OTHERWISE.
2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
3. PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.
4. FOR TYPICAL SECTIONS, SEE "WALL DETAILS 4".
5. ELEVATIONS SHOWN ARE AT TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
6. WALL LENGTHS INCLUDE GRANITE VENEER (NOT SHOWN FOR CLARITY).

R – RADIAL DIMENSION

ARC – ARC DIMENSION

H – DESIGN HEIGHT

SUMMARY OF QUANTITIES

WDH2

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500 – 3107	130	CY	CLASS A CONCRETE, RETAINING WALL
501 – 2000	560	LB	STR STEEL
511 – 1000	7700	LB	BAR REINF STEEL
999 – 9600	1450	SF	RUBBLE MASONRY FACING

WALL NO. WDH2 DESIGN DATA

SPECIFICATION .....AASHTO 17TH EDITION, 2002
(DESIGNED FOR SEISMIC PERFORMANCE CATEGORY A)
CONCRETE ..... CLASS A, f'c=3,000 PSI
REINFORCING STEEL ..... GRADE 60, fy=60,000 PSI
SOIL UNIT WEIGHT..... 120 PCF (RETAINED SOIL)
SOIL UNIT WEIGHT..... 120 PCF (FOUNDATION SOIL)
COHESION..... 0 PSF
ANGLE OF INTERNAL FRICTION..... 28.0°
COEFFICIENT OF SLIDING FRICTION..... 0.34
ALLOWABLE BEARING PRESSURE ..... 2500 PSF

1 INCH WHEN PRINTED FULL SIZE

S&A Atlanta
SASTRY & ASSOCIATES, INC.
11030 JONES BRIDGE ROAD, SUITE 201
ALPHARETTA, GA 30022
PHONE: 678-366-9375 FAX: 678-366-9375

PROJECT P.I. NO. 0009397 (SEGMENT 3)
WALL NO. WDH2

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ATLANTA, GEORGIA 30308
PHONE (404) 419-8700

GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ARUNA SASTRY
02-05-2021

DATE	REVISIONS	BY

ATLANTA BELTLINE

PLAN AND ELEVATION
WALL NO. WDH2 (CIP)
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: 1"=10'-0" FEBRUARY 2021

DRAWING NO. 32-0008A
WALL SHEET 1 OF 2

DESIGNED UP/NHK CHECKED AS REVIEWED SKG
DRAWN PS DESIGN GROUP APPROVED DPD

S3-WDH2.dwg

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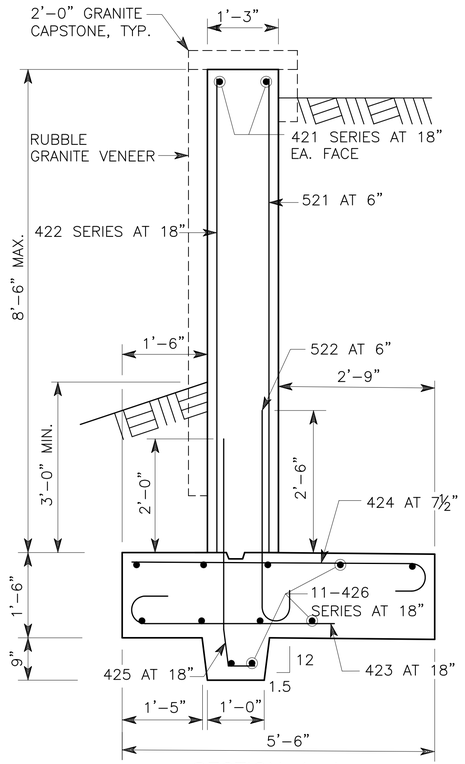
DATE: Feb 10, 2021 TIME: 2:51pm
USER: aruna



SECTION A-A

WALL DETAIL 4

SCALE: 3/4"=1'-0"

NOTES

1. FOR GRANITE VENEER AND LEVELING PAD DETAILS SEE SHEET 32-0101
2. FOR EXPANSION JOINT DETAIL, CONTRACTION JOINT DETAIL, AND UNDERDRAIN DETAILS SEE SHEET 32-0102.

LOCATION	NO. OF LOC.	MARK	LENGTH FT.	LENGTH IN.	NO. BARS REQ'D.	TYPE	AG	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	h
WALL 8 FT 6 IN	1																								
		421A	19	8	84	1																			
		421B	19	1	14	1																			
		422	8	4	94	1																			
		423	4	3	94	9	1	3	9																
		424	5	6	224	9	1	5	0																
		425	4	6	94	7		0	6	3	6	0	6									9	2		
		426A	59	8	11	1																			
		426B	39	8	11	1																			
		426C	39	0	11	1																			
		480	3	10	3	34	6	1	6	1	6	0	3	1	6										
		481	3	10	2	34	6	1	6	1	6	0	3	1	6										
		482	5	10	3	34	6	1	6	1	6	2	3	1	6										
		483	5	10	2	34	6	1	6	1	6	2	3	1	6										
		484	5	6	5	34	6	2	0	0	0	2	0	1	6										
		521	8	4	280	1																			
		522	4	4	280	9	1	3	9																

PROJECT P.I. NO. 0009397 (SEGMENT 3)

WALL NO. WDH2

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817 W. PEACHTREE STREET, NW
THE BILTMORE, SUITE 601
ATLANTA, GEORGIA 30308
PHONE (404) 419-8700

ATLANTA BELTLINE

WALL DETAILS
WALL NO. WDH2 (CIP)
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: AS SHOWN FEBRUARY 2021

DESIGNED UP/NHK CHECKED AS REVIEWED SKG
DRAWN PS DESIGN GROUP APPROVED DPD

REVISIONS: DATE / BY

GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ANUNA SASTRY
02-05-2021

1 INCH WHEN PRINTED FULL SIZE

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SASTRY & ASSOCIATES, INC.
11030 JONES BRIDGE ROAD, SUITE 201
ALPHARETTA, GA 30022
PHONE: 678-366-9375 FAX: 678-366-9375

DRAWING NO. 32-0008B

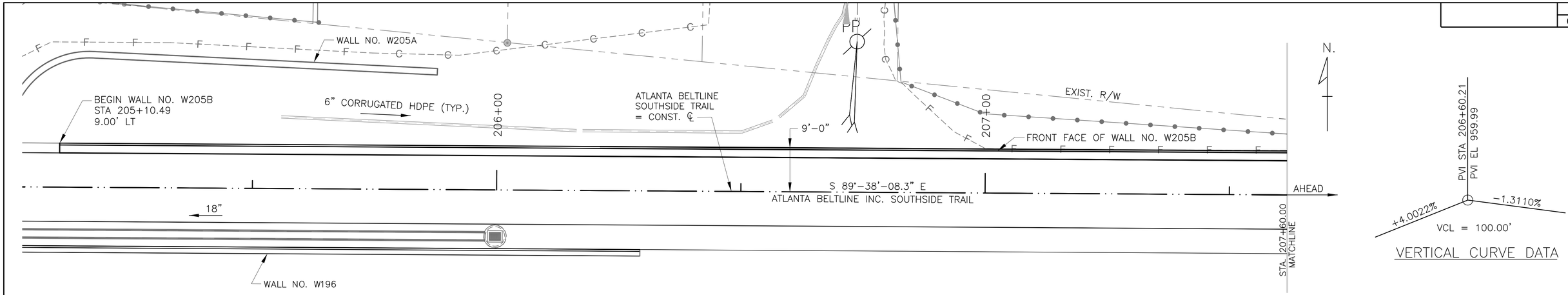
WALL SHEET 2 OF 2

1 INCH WHEN PRINTED FULL SIZE

S3-WDH2.dwg

DATE: Feb 10, 2021 TIME: 2:51pm USER: gruna

P.I. NO.
0009397



VERTICAL CURVE DATA

PLAN

TRANSIT DESIGN LOADS

WALL DESIGN LOADING -----TRANSIT DESIGN CRITERIA
(BASED ON A SEIMENS S70 "ULTRA-SHORT" VEHICLE)

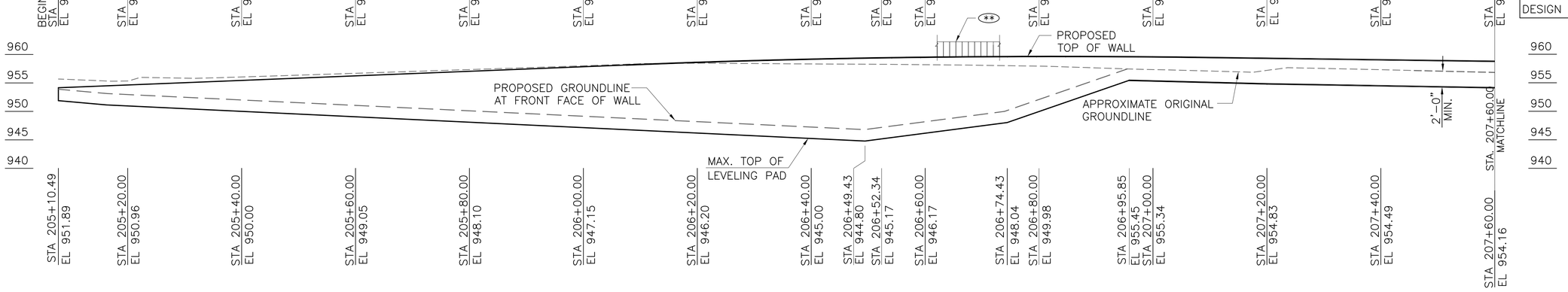
STRUCTURAL LOADING FOR DESIGN:

VEHICLE WEIGHT EMPTY: 93,000 LBS

AW4 (STRUCTURAL LOAD) CAPACITY:
60 SEATED, 149 STANDING
(TOTAL 209 PEOPLE) @ 79 KG/PASSENGER = 36,400 LBS.

FULLY LOADED VEHICLE: 129,400 LBS

DESIGN SPEED ------NOT TO EXCEED 35 mph.



ELEVATION
(LOOKING AT BACK FACE OF WALL)

NOTES

1. STATIONS ARE MEASURED ALONG ℄ CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL UNLESS NOTED OTHERWISE.
2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
3. PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.
4. FOR MSE WALL DETAILS AND TYPICAL SECTIONS, SEE "WALL DETAIL 1".
5. ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
6. WALL LENGTHS INCLUDE GRANITE VENEER, (NOT SHOWN FOR CLARITY).
7. (**) INDICATES 54" METAL SAFETY RAIL (SIDE MOUNTED).

WALL NO. W205B DESIGN DATA

SPECIFICATION .....AASHTO 17TH EDITION, 2002
(DESIGNED FOR SEISMIC PERFORMANCE CATEGORY A)

RETAINED BACKFILL
SOIL UNIT WEIGHT..... 120 PCF
COHESION..... 0 PSF
ANGLE OF INTERNAL FRICTION..... 28.0°

FOUNDATION SOIL
SOIL UNIT WEIGHT..... 115 PCF
COHESION..... 0 PSF
ANGLE OF INTERNAL FRICTION..... 30.0°
COEFFICIENT OF SLIDING FRICTION..... 0.34
ALLOWABLE BEARING PRESSURE ..... 2500 PSF

SUMMARY OF QUANTITIES

W205B

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500 - 3800	90	CY	CLASS A CONCRETE, INCL REINF STEEL
501 - 2000	4280	LB	STR STEEL
515 - 2135	433	LF	54 IN METAL SAFETY RAIL
627 - 1000	1940	SF	MSE WALL FACE, 0 - 10 FT HT, WALL NO - W205B
627 - 1010	1440	SF	MSE WALL FACE, 10 - 20 FT HT, WALL NO - W205B
999 - 9000	3810	SF	GRANITE FACING

1 INCH WHEN PRINTED FULL SIZE

S&A Atlanta
SASTRY & ASSOCIATES, INC.
11030 JONES BRIDGE ROAD, SUITE 201
ALPHARETTA, GA 30022
PHONE: 678-366-9375 FAX: 678-366-9375

PROJECT P.I. NO. 0009397 (SEGMENT 3)
WALL NO. W205B

Kimley»Horn

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THE BILTMORE, SUITE 601
ATLANTA, GEORGIA 30308
PHONE (404) 419-8700

GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ARUNA SASTRY
02-05-2021

DATE
REVISIONS
BY

DRAWING NO. 32-0009
WALL SHEET 1 OF 2

ATLANTA BELTLINE

PLAN AND ELEVATION
WALL NO. W205B (MSE)
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: 1"=10'-0" FEBRUARY 2021

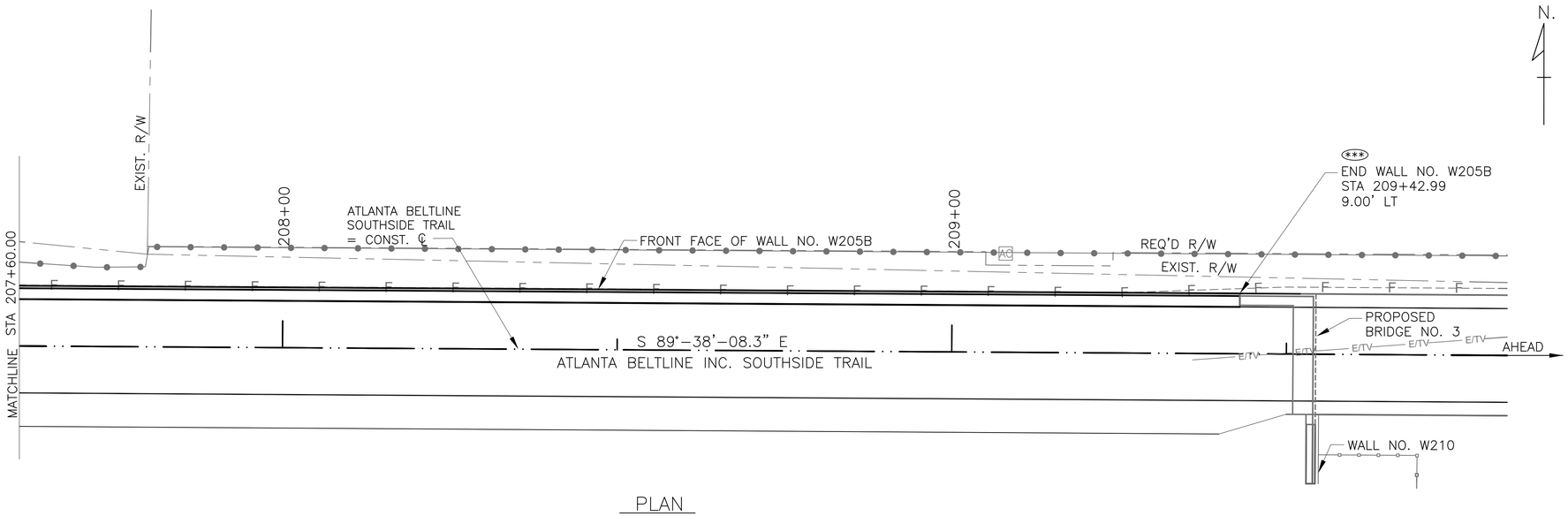
DESIGNED UP/NHK CHECKED AS REVIEWED SKG
DRAWN PS DESIGN GROUP APPROVED DPD

1 INCH WHEN PRINTED FULL SIZE

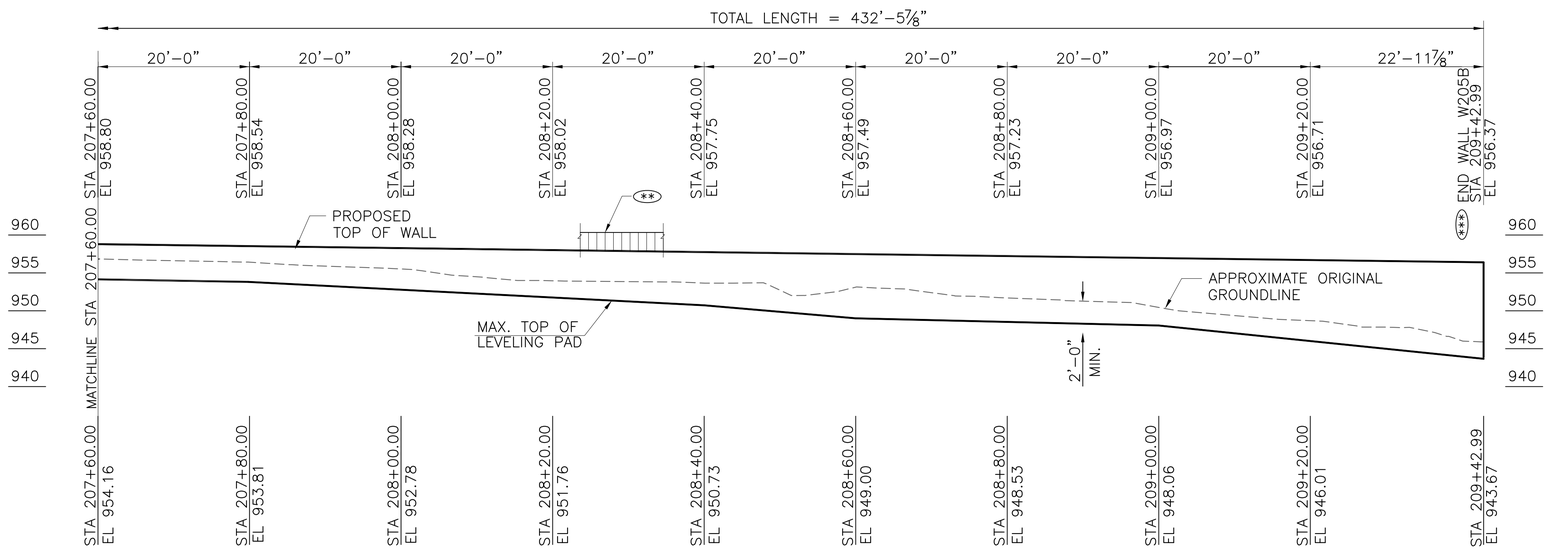
S3-W205B.dwg

DATE: Feb 10, 2021 TIME: 4:54pm USER: aruna

P.I. NO.
0009397



PLAN



ELEVATION
(LOOKING AT BACK FACE OF WALL)

NOTES

1. STATIONS ARE MEASURED ALONG ℄ CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL UNLESS NOTED OTHERWISE.
2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
3. PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.
4. FOR MSE WALL DETAILS AND TYPICAL SECTIONS, SEE "WALL DETAIL 1".
5. ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
6. WALL LENGTHS INCLUDE GRANITE VENEER, (NOT SHOWN FOR CLARITY).
7. (**) INDICATES 54" METAL SAFETY RAIL (SIDE MOUNTED).
8. (***) MATCH BRIDGE WINGWALL.

PROJECT P.I. NO. 0009397 (SEGMENT 3)
WALL NO. W205B

Kimley»Horn

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PHONE (404) 419-8700

1 INCH WHEN PRINTED FULL SIZE

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PHONE: 678-366-9375 FAX: 678-366-9375

GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ARUNA SASTRY
02-05-2021

DRAWING NO. 32-0010
WALL SHEET 2 OF 2

BY	REVISIONS	DATE

ATLANTA BELTLINE

PLAN AND ELEVATION
WALL NO. W205B (MSE)
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: 1"=10'-0" FEBRUARY 2021

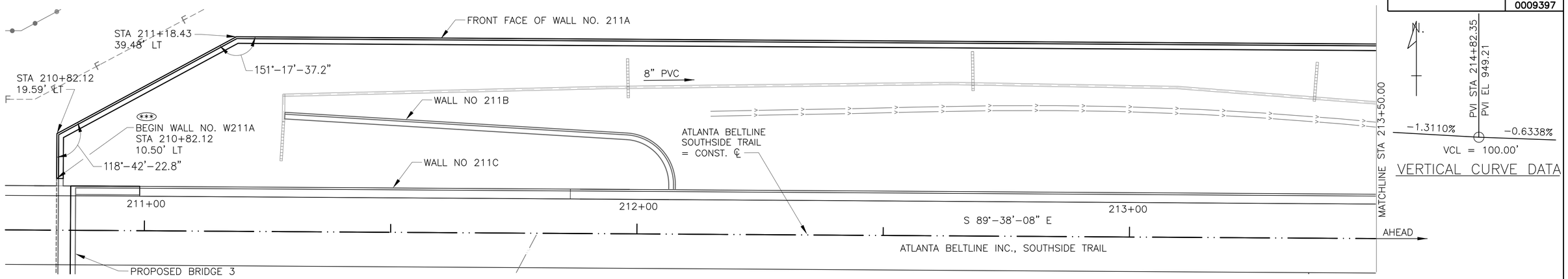
DESIGNED UP/NHK CHECKED AS REVIEWED SKG
DRAWN PS DESIGN GROUP APPROVED DPD

1 INCH WHEN PRINTED FULL SIZE

S3-W205B.dwg

USER: aruna DATE: Feb 10, 2021 TIME: 4:55pm

P.I. NO. 0009397



VERTICAL CURVE DATA

PLAN

TOTAL LENGTH OF WALL = 470'-3¾"

9'-1"	12'-9½"	28'-7¼"	3'-7¼"	17'-11⅝"	20'-0"	20'-0"	20'-0"	20'-0"	9'-11⅜"	10'-0"	25'-0"	5'-0"	10'-⅝"	19'-7½"	4'-11½"	15'-5"	14'-2¼"	4'-11⅞"	10'-9⅞"

BEGIN WALL 211A (***)
STA 210+82.12
EL 952.75

STA 210+82.12
EL 952.75

STA 210+82.12
EL 952.75

STA 211+18.43
EL 948.88

STA 211+22.03
EL 948.39

STA 211+40.00
EL 947.13

STA 211+60.00
EL 945.73

STA 211+80.00
EL 944.33

STA 212+00.00
EL 942.92

STA 212+20.00
EL 941.52

STA 212+29.95
EL 940.83

STA 212+39.95
EL 940.74

STA 212+64.95
EL 938.68

STA 212+69.95
EL 938.59

STA 212+80.00
EL 937.77

STA 213+99.62
EL 936.17

STA 213+04.58
EL 936.09

STA 213+20.00
EL 934.84

STA 213+34.19
EL 933.70

STA 213+39.18
EL 933.62

STA 213+50.00

MATCHLINE STA 213+50.00

955 950 945 940 935 930 925 920 915 910

PROPOSED TOP OF WALL AND PROPOSED GROUNDLINE AT BACK FACE OF WALL

(**)

APPROXIMATE ORIGINAL GROUNDLINE AT FRONT FACE OF WALL

2'-0" MIN.

MAX. TOP OF LEVELING PAD

STA 210+82.12
EL 930.18

STA 210+82.12
EL 929.37

STA 210+82.12
EL 928.40

STA 211+18.43
EL 926.20

STA 211+40.00
EL 924.53

STA 211+60.00
EL 922.99

STA 211+80.00
EL 921.45

STA 212+00.00
EL 920.03

STA 212+20.00
EL 918.79

STA 212+40.00
EL 917.54

STA 212+64.95
EL 916.99

STA 212+80.00
EL 915.05

STA 212+99.62
EL 913.81

STA 213+20.00
EL 912.54

STA 213+50.00

PROJECT P.I. NO. 0009397
(SEGMENT 3)
WALL NO. W211A

ELEVATION

(LOOKING AT BACK FACE OF WALL)

WALL NO. W211A DESIGN DATA

SPECIFICATION .....AASHTO 17TH EDITION, 2002
(DESIGNED FOR SEISMIC PERFORMANCE CATEGORY A)

RETAINED BACKFILL
SOIL UNIT WEIGHT..... 120 PCF
COHESION..... 0 PSF
ANGLE OF INTERNAL FRICTION..... 28.0°

FOUNDATION SOIL
SOIL UNIT WEIGHT..... 115 PCF
COHESION..... 0 PSF
ANGLE OF INTERNAL FRICTION..... 28.0°
COEFFICIENT OF SLIDING FRICTION..... 0.34
ALLOWABLE BEARING PRESSURE..... 3000 PSF

SUMMARY OF QUANTITIES

W211A

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500 - 3800	100	CY	CLASS A CONCRETE, INCL REINF STEEL
501 - 2000	1840	LB	STR STEEL
515 - 2105	471	LF	42 IN METAL SAFETY RAIL
627 - 1000	670	SF	MSE WALL FACE, 0 - 10 FT HT, WALL NO - W211A
627 - 1010	1900	SF	MSE WALL FACE, 10 - 20 FT HT, WALL NO - W211A
627 - 1020	5750	SF	MSE WALL FACE, 20 - 30 FT HT, WALL NO - W211A
999 - 9000	8780	SF	GRANITE FACING

NOTES

1. STATIONS ARE MEASURED ALONG ℄ CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL UNLESS NOTED OTHERWISE.
2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
3. PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.
4. FOR MSE WALL DETAILS AND TYPICAL SECTIONS, SEE "WALL DETAIL 1".
5. ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
6. WALL LENGTHS INCLUDE GRANITE VENEER, (NOT SHOWN FOR CLARITY).
7. (**) INDICATES 42" METAL SAFETY RAIL (TOP MOUNTED).
8. (***) MATCH FRONT FACE OF BRIDGE ABUTMENT.

DESIGN LOADS

DESIGN VEHICLE LIVE LOAD..... H-10 (WITHOUT IMPACT)
DESIGN PEDESTRIAN LIVE LOAD..... 85 PSF

1 INCH WHEN PRINTED FULL SIZE

S&A Atlanta
SASTRY & ASSOCIATES, INC.
11030 JONES BRIDGE ROAD, SUITE 201
ALPHARETTA, GA 30022
PHONE: 678-366-9375 FAX: 678-366-9375

DRAWING NO. 32-0011

WALL SHEET 1 OF 2

GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ARUNA SASTRY
02-05-2021

BY	REVISIONS	DATE

Kimley»Horn

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817 W. PEACHTREE STREET, NW
THE BILTMORE, SUITE 601
ATLANTA, GEORGIA 30308
PHONE (404) 419-8700

ATLANTA BELTLINE

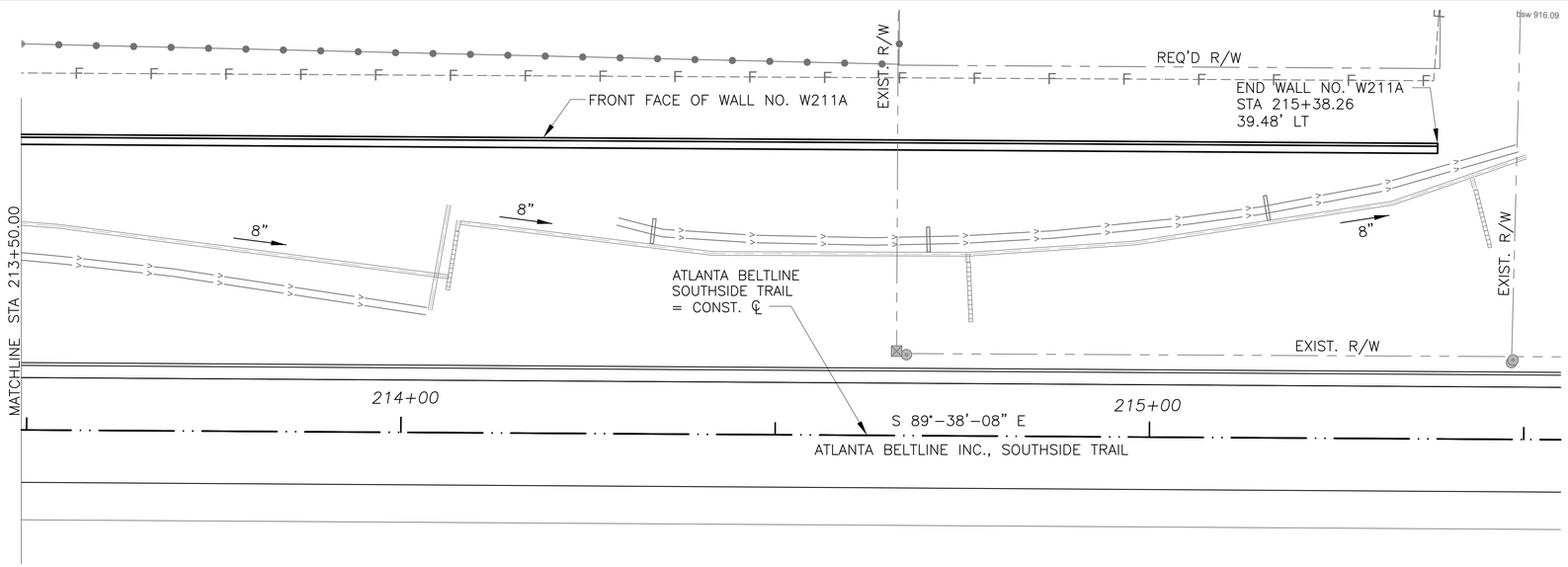
PLAN AND ELEVATION
WALL NO. W211A (MSE)
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: 1"=10'-0" FEBRUARY 2021

DESIGNED UP/NHK CHECKED AS REVIEWED SKG
DRAWN PS DESIGN GROUP APPROVED DPD

DATE: Feb 10, 2021 TIME: 5:05pm USER: aruna

S7_W211A.dgn



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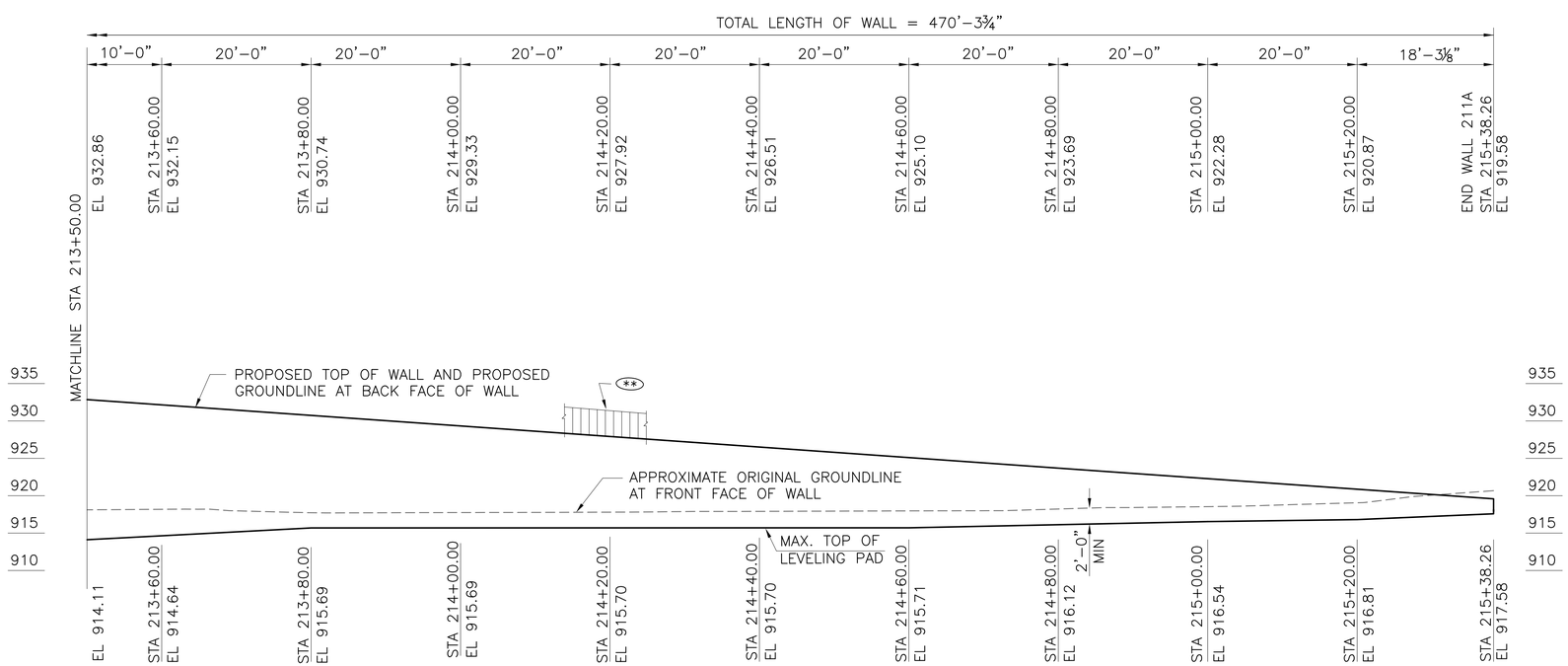
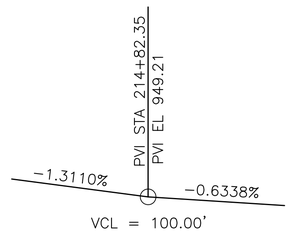


ELEVATION
(LOOKING AT BACK FACE OF WALL)

N.



VERTICAL CURVE DATA

NOTES

1. STATIONS ARE MEASURED ALONG ℄ CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL UNLESS NOTED OTHERWISE.
2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
3. PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.
4. FOR MSE WALL DETAILS AND TYPICAL SECTIONS, SEE "WALL DETAIL 1".
5. ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
6. WALL LENGTHS INCLUDE GRANITE VENEER, (NOT SHOWN FOR CLARITY).
7. (**) INDICATES 42" METAL SAFETY RAIL (TOP MOUNTED).

PROJECT P.I. NO. 0009397 (SEGMENT 3)
WALL NO. W211A

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THE BILTMORE, SUITE 601
ATLANTA, GEORGIA 30308
PHONE (404) 419-8700

GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ARUNA SASTRY
02-05-2021

1 INCH WHEN PRINTED FULL SIZE

S&A Atlanta
SASTRY & ASSOCIATES, INC.
11030 JONES BRIDGE ROAD, SUITE 201
ALPHARETTA, GA 30022
PHONE: 678-366-9375 FAX: 678-366-9375

DRAWING NO. 32-0012
WALL SHEET 2 OF 2

BY	REVISIONS	DATE

ATLANTA BELTLINE

PLAN AND ELEVATION
WALL NO. W211A (MSE)
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: 1"=10'-0" FEBRUARY 2021

DESIGNED UP/NHK CHECKED AS REVIEWED SKG
DRAWN PS DESIGN GROUP APPROVED DPD

1 INCH WHEN PRINTED FULL SIZE

S3-W211A.dwg

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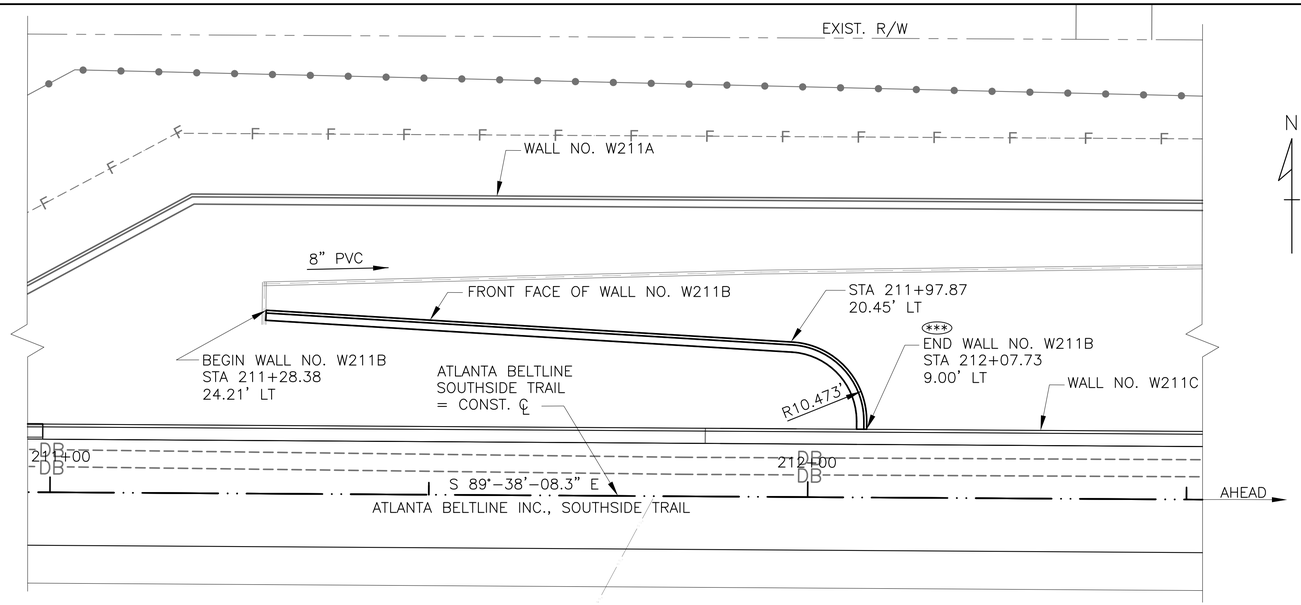
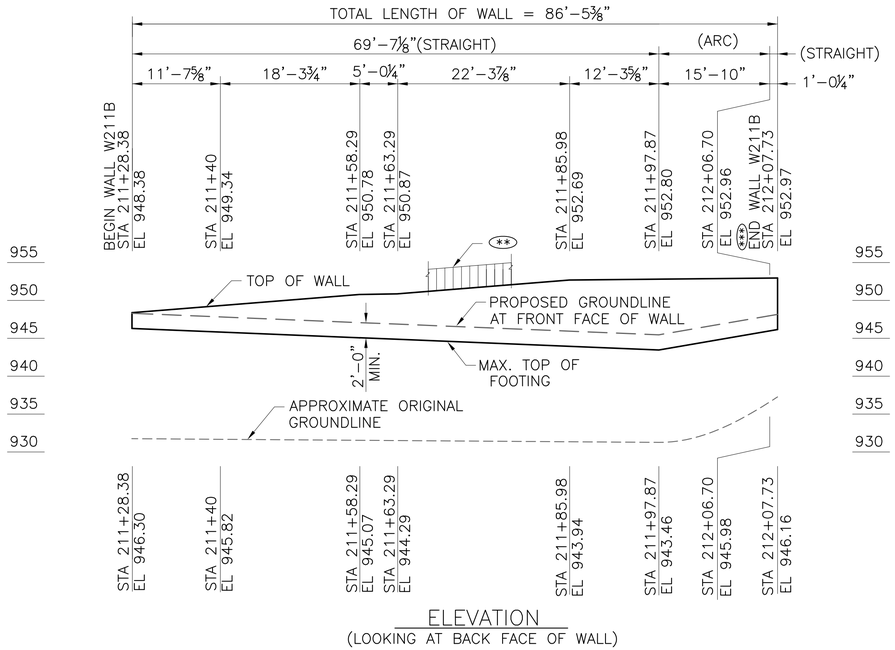
USER: aruna

DATE: Feb 10, 2021 TIME: 5:10pm
USER: aruna



PLAN



ELEVATION
(LOOKING AT BACK FACE OF WALL)

VERTICAL CURVE DATA

DESIGN LOADS

DESIGN VEHICLE LIVE LOAD..... H-10 (WITHOUT IMPACT)
DESIGN PEDESTRIAN LIVE LOAD..... 85 PSF

NOTES

1. STATIONS ARE MEASURED ALONG ℄ CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL UNLESS NOTED OTHERWISE.
2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
3. PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.
4. FOR MSE WALL NOTES AND TYPICAL SECTIONS, SEE "WALL DETAIL 1".
5. ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
6. WALL LENGTHS INCLUDE GRANITE VENEER, (NOT SHOWN FOR CLARITY).
7. (**) INDICATES 42" METAL SAFETY RAIL (TOP MOUNTED).
8. (***) MATCH FRONT FACE OF WALL NO. W211C.

R – RADIAL DIMENSION

ARC – ARC DIMENSION

SUMMARY OF QUANTITIES

W211B

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500 – 3800	21	CY	CLASS A CONCRETE, INCL REINF STEEL
501 – 2000	365	LB	STR STEEL
515 – 2105	87	LF	42 IN METAL SAFETY RAIL
627 – 1000	570	SF	MSE WALL FACE, 0 – 10 FT HT, WALL NO – W211B
999 – 9000	660	SF	GRANITE FACING

WALL NO. W211B DESIGN DATA

SPECIFICATION .....AASHTO 17TH EDITION, 2002
(DESIGNED FOR SEISMIC PERFORMANCE CATEGORY A)

RETAINED BACKFILL
SOIL UNIT WEIGHT..... 120 PCF
COHESION..... 0 PSF
ANGLE OF INTERNAL FRICTION..... 30.0°

FOUNDATION SOIL
SOIL UNIT WEIGHT..... 115 PCF
COHESION..... 0 PSF
ANGLE OF INTERNAL FRICTION..... 28.0°
COEFFICIENT OF SLIDING FRICTION..... 0.34
ALLOWABLE BEARING PRESSURE..... 2500 PSF

1 INCH WHEN PRINTED FULL SIZE

S&A Atlanta
SASTRY & ASSOCIATES, INC.
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ALPHARETTA, GA 30022
PHONE: 678-366-9375 FAX: 678-366-9375

GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ARUNA SASTRY
02-05-2021

DRAWING NO. 32-0013
WALL SHEET 1 OF 1

BY	REVISIONS	DATE

1 INCH WHEN PRINTED FULL SIZE

P.I. NO. 0009397

PROJECT P.I. NO. 0009397 (SEGMENT 3)
WALL NO. W211B

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817 W. PEACHTREE STREET, NW
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ATLANTA, GEORGIA 30308
PHONE (404) 419-8700

ATLANTA BELTLINE

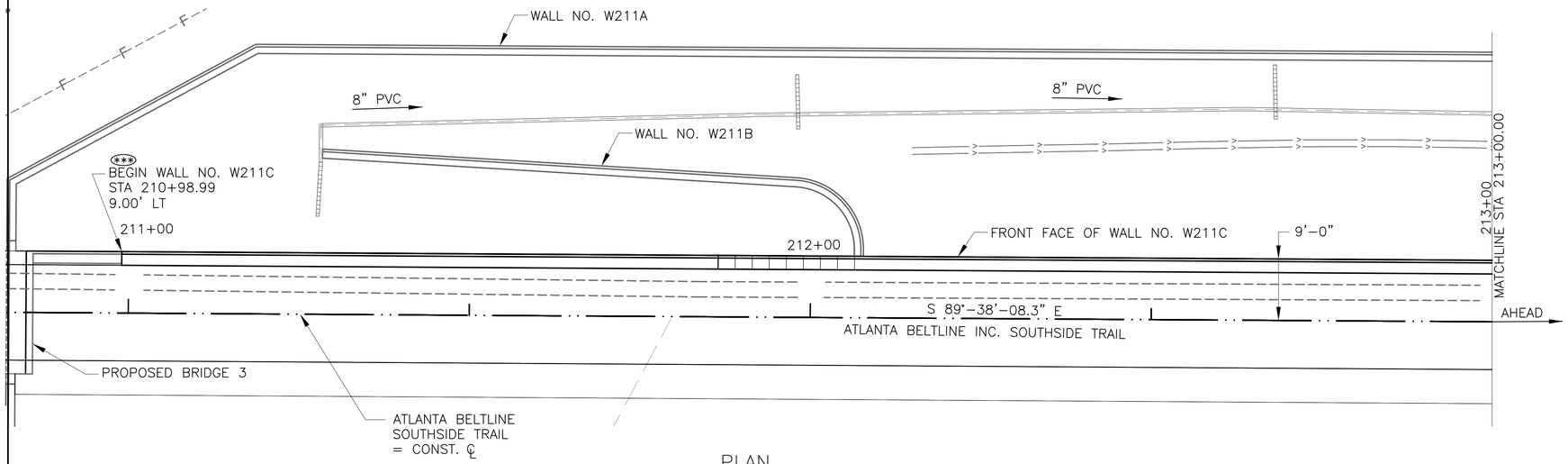
PLAN AND ELEVATION
WALL NO. W211B (MSE)
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: 1"=10'-0" FEBRUARY 2021

DESIGNED UP/NHK CHECKED AS REVIEWED SKG
DRAWN PS DESIGN GROUP APPROVED DPD

S3-W211B.dwg

P.I. NO.
0009397



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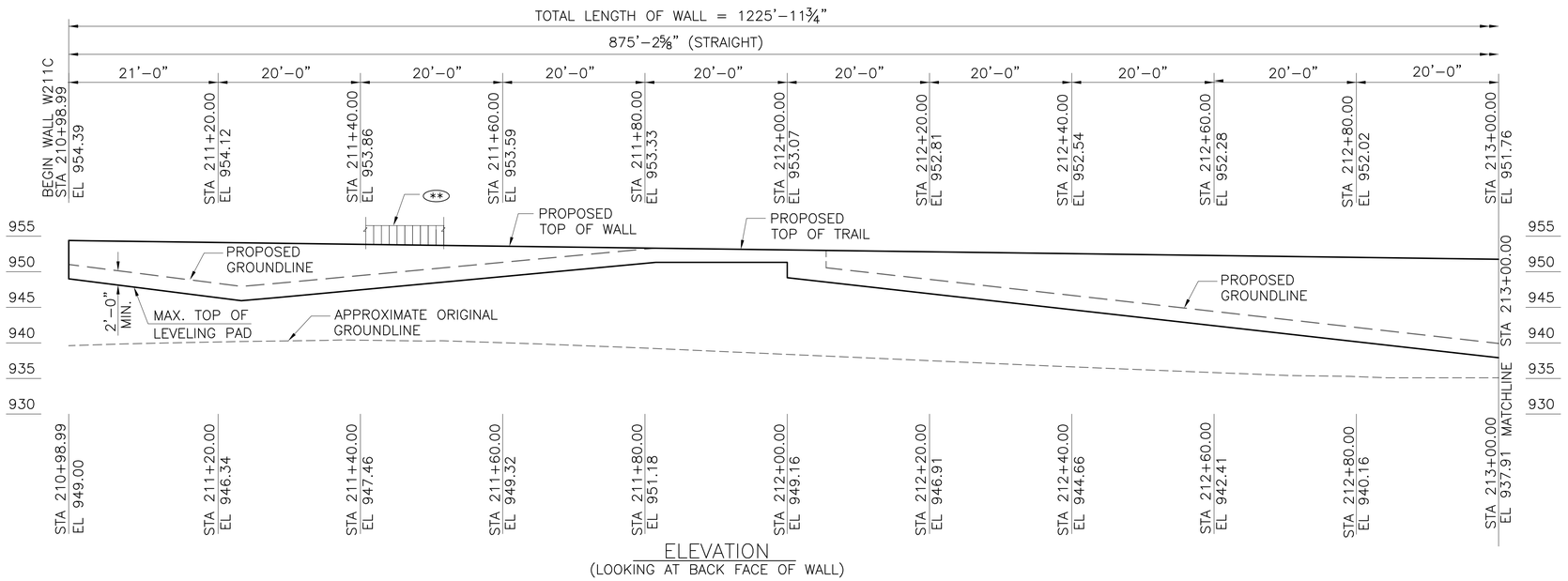
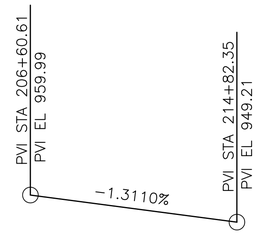


ELEVATION
(LOOKING AT BACK FACE OF WALL)

N.



VERTICAL CURVE DATA

TRANSIT DESIGN LOADS

WALL DESIGN LOADING ----------TRANSIT DESIGN CRITERIA
(BASED ON A SEIMENS S70 "ULTRA-SHORT" VEHICLE)

STRUCTURAL LOADING FOR DESIGN:

VEHICLE WEIGHT EMPTY: 93,000 LBS

AW4 (STRUCTURAL LOAD) CAPACITY: 60 SEATED, 149 STANDING (TOTAL 209 PEOPLE) @ 79 KG/PASSENGER = 36,400 LBS.

FULLY LOADED VEHICLE: 129,400 LBS

DESIGN SPEED ------NOT TO EXCEED 35 mph.

NOTES

1. STATIONS ARE MEASURED ALONG ℄ CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL UNLESS NOTED OTHERWISE.
2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
3. PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.
4. FOR MSE WALL NOTES AND TYPICAL SECTIONS, SEE "WALL DETAIL 1".
5. ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
6. WALL LENGTHS INCLUDE GRANITE VENEER, (NOT SHOWN FOR CLARITY).
7. (**) INDICATES 54" METAL SAFETY RAIL (SIDE MOUNTED).
8. (***) MATCH BRIDGE WINGWALL.

SUMMARY OF QUANTITIES

W211C

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500 - 3800	260	CY	CLASS A CONCRETE, INCL REINF STEEL
501 - 2000	12010	LB	STR STEEL
515 - 2135	1226	LF	54 IN METAL SAFETY RAIL
627 - 1000	2700	SF	MSE WALL FACE, 0 - 10 FT HT, WALL NO - W211C
627 - 1010	7400	SF	MSE WALL FACE, 10 - 20 FT HT, WALL NO - W211C
627 - 1020	6390	SF	MSE WALL FACE, 20 - 30 FT HT, WALL NO - W211C
999 - 9000	17700	SF	GRANITE FACING

WALL NO. W211C DESIGN DATA

SPECIFICATION .....AASHTO 17TH EDITION, 2002
(DESIGNED FOR SEISMIC PERFORMANCE CATEGORY A)

RETAINED BACKFILL
SOIL UNIT WEIGHT..... 120 PCF
COHESION..... 0 PSF
ANGLE OF INTERNAL FRICTION..... 28.0°

FOUNDATION SOIL
SOIL UNIT WEIGHT..... 115 PCF
COHESION..... 0 PSF
ANGLE OF INTERNAL FRICTION..... 28.0°
COEFFICIENT OF SLIDING FRICTION..... 0.34
ALLOWABLE BEARING PRESSURE ..... 2500 PSF

1 INCH WHEN PRINTED FULL SIZE

S&A Atlanta
SASTRY & ASSOCIATES, INC.
11030 JONES BRIDGE ROAD, SUITE 201
ALPHARETTA, GA 30022
PHONE: 678-366-9375 FAX: 678-366-9375

PROJECT P.I. NO. 0009397 (SEGMENT 3)
WALL NO. W211C

Kimley»Horn

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817 W. PEACHTREE STREET, NW
THE BILTMORE, SUITE 601
ATLANTA, GEORGIA 30308
PHONE (404) 419-8700

GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ARUNA SASTRY
02-05-2021

BY	REVISIONS	DATE

ATLANTA BELTLINE

PLAN AND ELEVATION
WALL NO. W211C (MSE)
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: 1"=10'-0" FEBRUARY 2021

DRAWING NO. 32-0014
WALL SHEET 1 OF 6

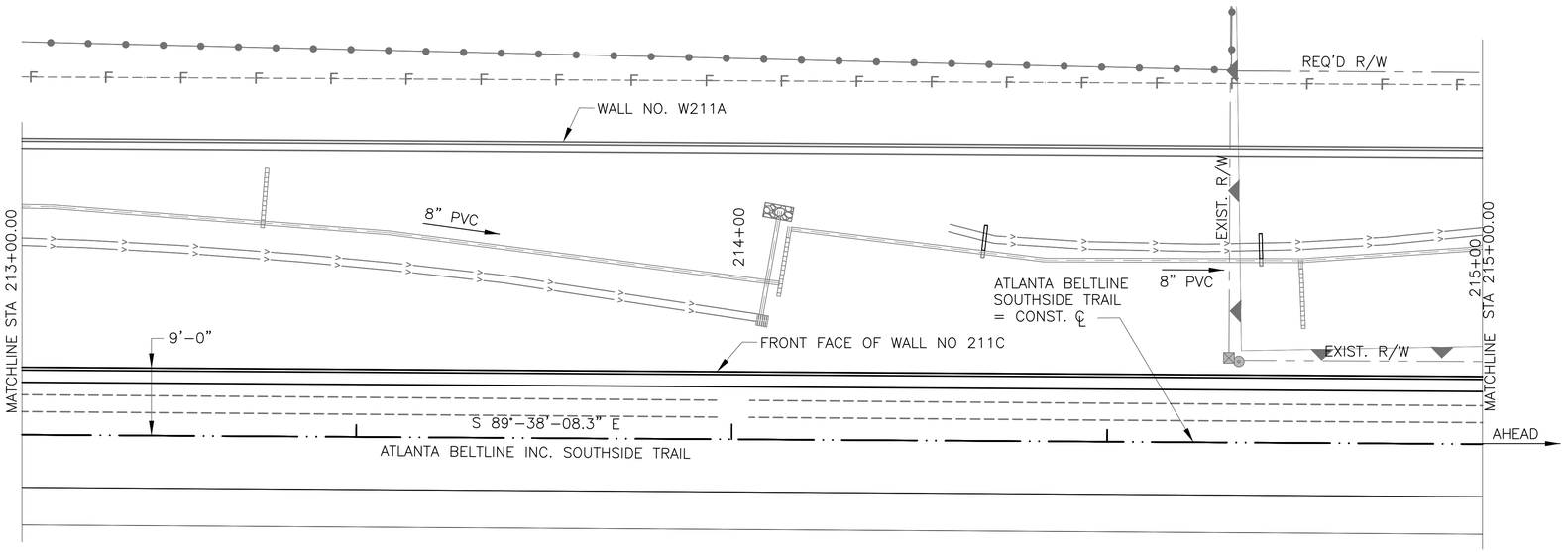
DESIGNED UP/NHK CHECKED AS REVIEWED SKG
DRAWN PS DESIGN GROUP APPROVED DPD

1 INCH WHEN PRINTED FULL SIZE

S3-W211C.dwg

DATE: Feb 10, 2021 TIME: 5:16pm
USER: aruna

P.I. NO.
0009397



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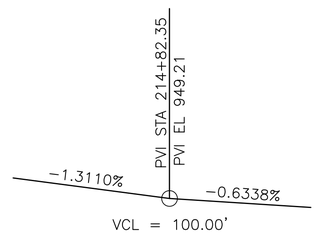
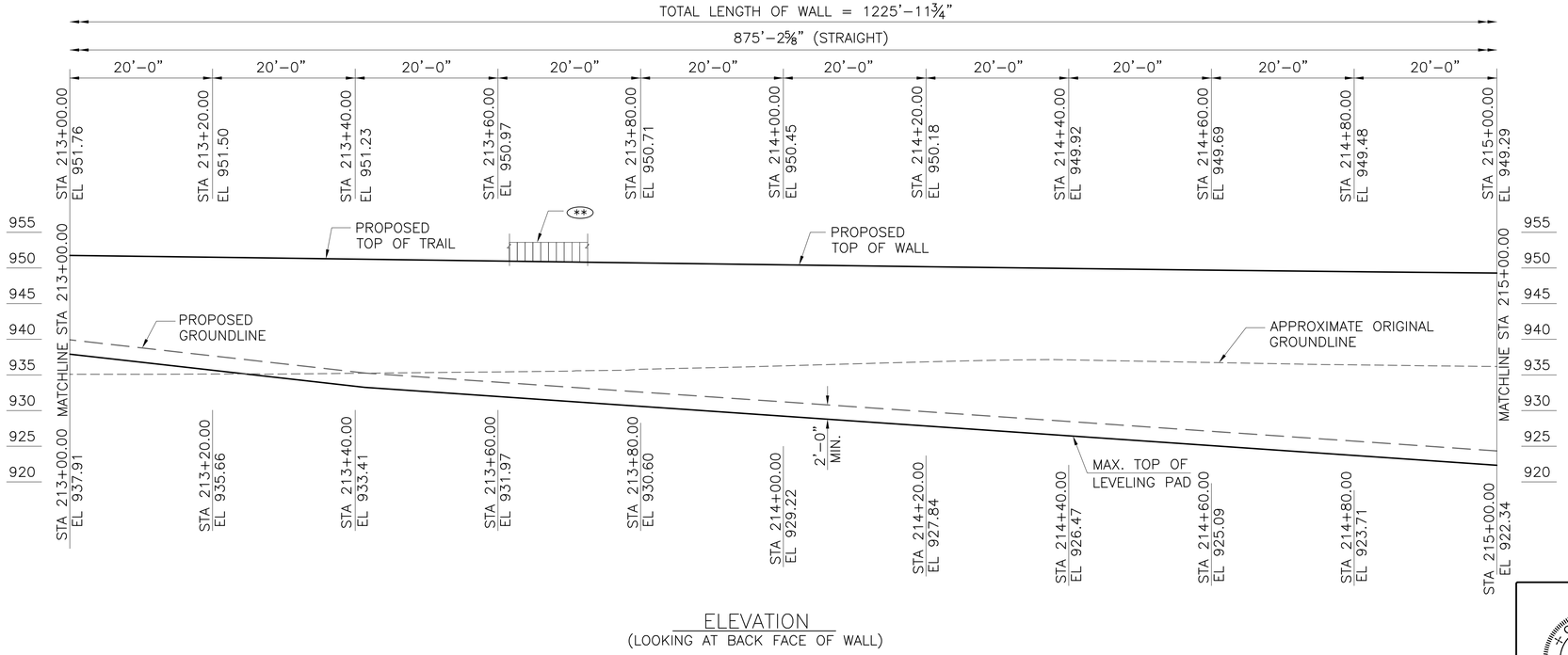


VERTICAL CURVE DATA



ELEVATION
(LOOKING AT BACK FACE OF WALL)

NOTES

1. STATIONS ARE MEASURED ALONG ℄ CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL UNLESS NOTED OTHERWISE.
2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
3. PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.
4. FOR MSE WALL NOTES AND TYPICAL SECTIONS, SEE "WALL DETAIL 1".
5. ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
6. WALL LENGTHS INCLUDE GRANITE VENEER, (NOT SHOWN FOR CLARITY).
7. (**) INDICATES 54" METAL SAFETY RAIL (SIDE MOUNTED).

PROJECT P.I. NO. 0009397 (SEGMENT 3)
WALL NO. W211C

Kimley»Horn

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817 W. PEACHTREE STREET, NW
THE BILTMORE, SUITE 601
ATLANTA, GEORGIA 30308
PHONE (404) 419-8700

GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ANJNA SASTRY
02-05-2021

DATE	REVISIONS	BY

ATLANTA BELTLINE

PLAN AND ELEVATION
WALL NO. W211C (MSE)
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: 1"=10'-0" FEBRUARY 2021

DESIGNED	UP/NHK	CHECKED	AS	REVIEWED	SKG
DRAWN	PS	DESIGN GROUP		APPROVED	DPD

1 INCH WHEN PRINTED FULL SIZE

S&A Atlanta
SASTRY & ASSOCIATES, INC.
11030 JONES BRIDGE ROAD, SUITE 201
ALPHARETTA, GA 30022
PHONE: 678-366-9375 FAX: 678-366-9375

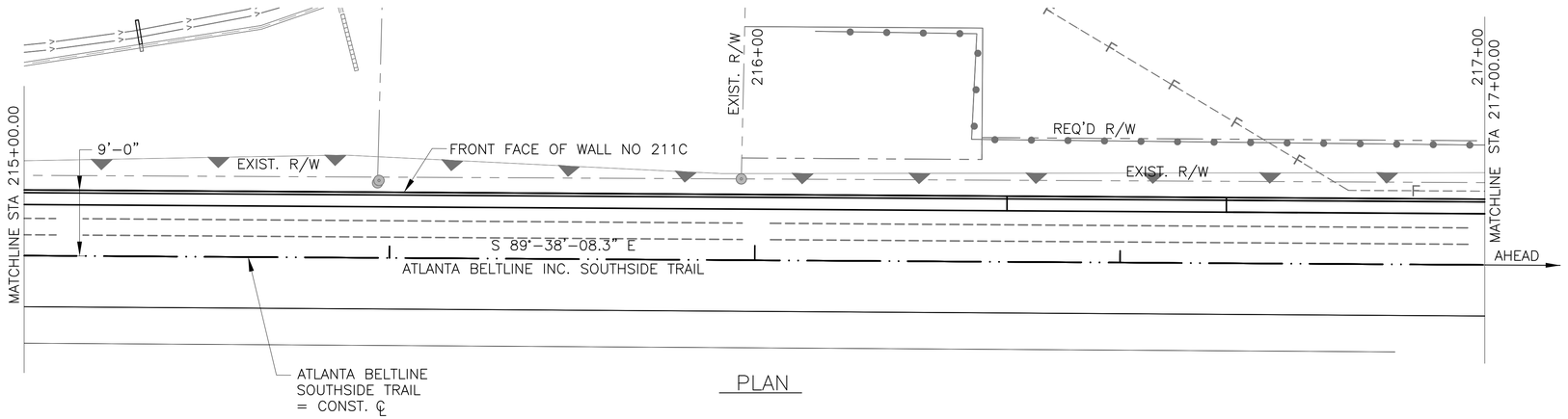
DRAWING NO. 32-0015
WALL SHEET 2 OF 6

1 INCH WHEN PRINTED FULL SIZE

S3-W211C.dwg

DATE: Feb 10, 2021 TIME: 5:16pm
USER: aruna

P.I. NO.
0009397



PLAN

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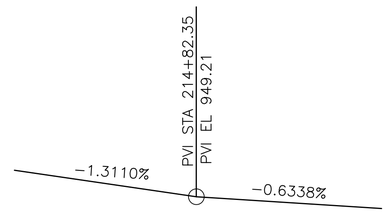
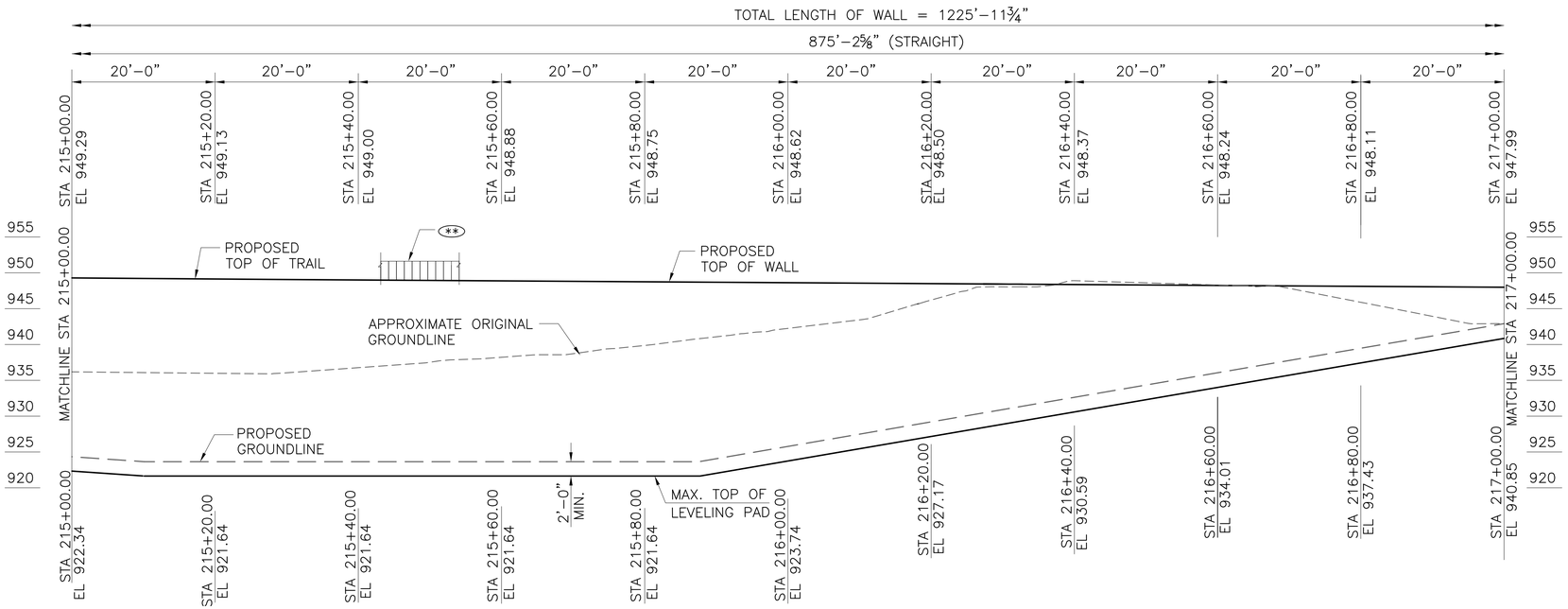


VERTICAL CURVE DATA



ELEVATION
(LOOKING AT BACK FACE OF WALL)

NOTES

1. STATIONS ARE MEASURED ALONG ℄ CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL UNLESS NOTED OTHERWISE.
2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
3. PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.
4. FOR MSE WALL NOTES AND TYPICAL SECTIONS, SEE "WALL DETAIL 1".
5. ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
6. WALL LENGTHS INCLUDE GRANITE VENEER, (NOT SHOWN FOR CLARITY).
7. (**) INDICATES 54" METAL SAFETY RAIL (SIDE MOUNTED).

PROJECT P.I. NO. 0009397 (SEGMENT 3)
WALL NO. W211C

Kimley»Horn

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817 W. PEACHTREE STREET, NW
THE BILTMORE, SUITE 601
ATLANTA, GEORGIA 30308
PHONE (404) 419-8700

GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ANJANA SASTRY
02-05-2021

DATE	REVISIONS	BY

ATLANTA BELTLINE

PLAN AND ELEVATION
WALL NO. W211C (MSE)
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: 1"=10'-0" FEBRUARY 2021

DESIGNED UP/NHK CHECKED AS REVIEWED SKG
DRAWN PS DESIGN GROUP APPROVED DPD

1 INCH WHEN PRINTED FULL SIZE

S&A Atlanta
SASTRY & ASSOCIATES, INC.
11030 JONES BRIDGE ROAD, SUITE 201
ALPHARETTA, GA 30022
PHONE: 678-366-9375 FAX: 678-366-9375

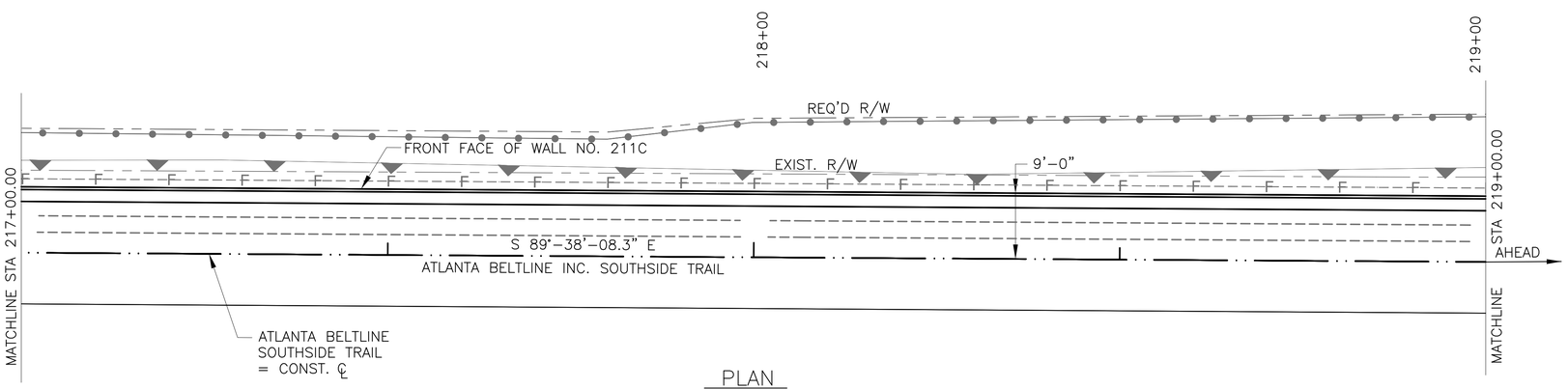
DRAWING NO. 32-0016
WALL SHEET 3 OF 6

1 INCH WHEN PRINTED FULL SIZE

S3-W211C.dwg

DATE: Feb 10, 2021 TIME: 5:17pm
USER: aruno

P.I. NO.
0009397



PLAN

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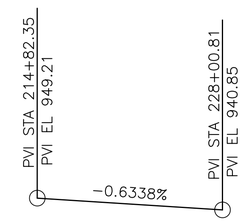
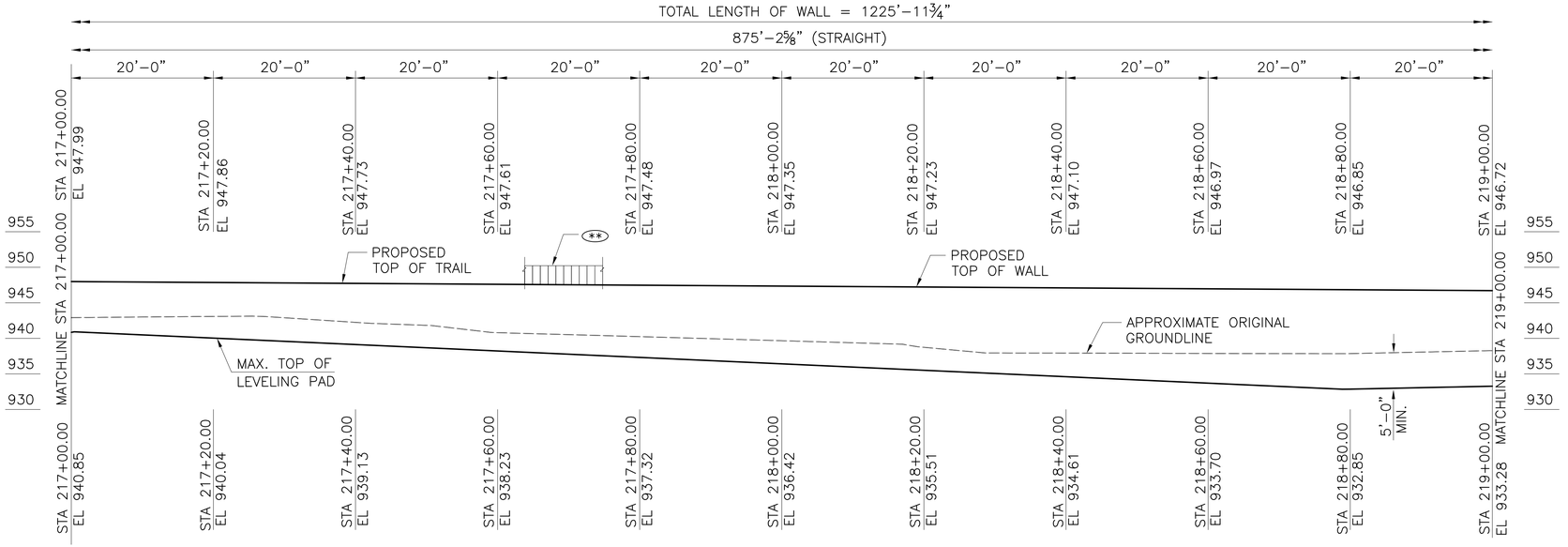


VERTICAL CURVE DATA



ELEVATION
(LOOKING AT BACK FACE OF WALL)

NOTES

1. STATIONS ARE MEASURED ALONG ℄ CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL UNLESS NOTED OTHERWISE.
2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
3. PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.
4. FOR MSE WALL NOTES AND TYPICAL SECTIONS, SEE "WALL DETAIL 1".
5. ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
6. WALL LENGTHS INCLUDE GRANITE VENEER, (NOT SHOWN FOR CLARITY).
7. (**) INDICATES 54" METAL SAFETY RAIL (SIDE MOUNTED).

PROJECT P.I. NO. 0009397 (SEGMENT 3)
WALL NO. W211C

Kimley»Horn

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817 W. PEACHTREE STREET, NW
THE BILTMORE, SUITE 601
ATLANTA, GEORGIA 30308
PHONE (404) 419-8700

1 INCH WHEN PRINTED FULL SIZE

S&A Atlanta
SASTRY & ASSOCIATES, INC.
11030 JONES BRIDGE ROAD, SUITE 201
ALPHARETTA, GA 30022
PHONE: 678-366-9375 FAX: 678-366-9375

GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ANUNA SASTRY
02-05-2021

DRAWING NO. 32-0017
WALL SHEET 4 OF 6

BY	REVISIONS	DATE

ATLANTA BELTLINE

PLAN AND ELEVATION
WALL NO. W211C (MSE)
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: 1"=10'-0" FEBRUARY 2021

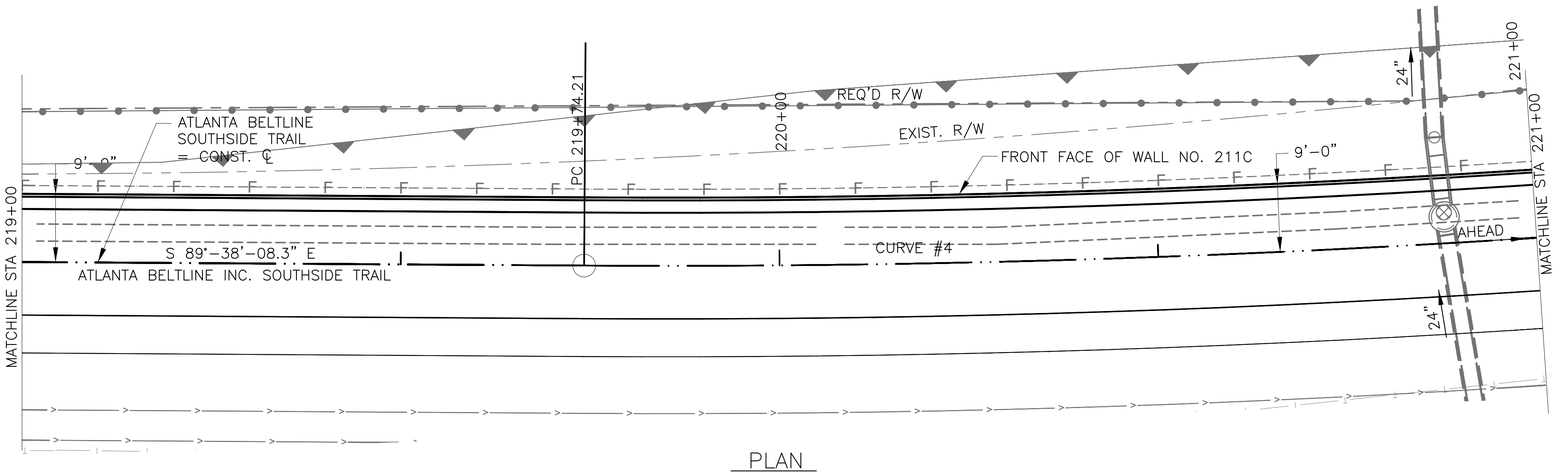
DESIGNED	UP/NHK	CHECKED	AS	REVIEWED	SKG
DRAWN	PS	DESIGN GROUP		APPROVED	DPD

1 INCH WHEN PRINTED FULL SIZE

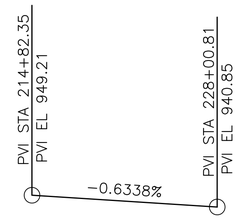
S3-W211C.dwg

DATE: Feb 10, 2021 TIME: 5:17pm
USER: gruna

P.I. NO.
0009397



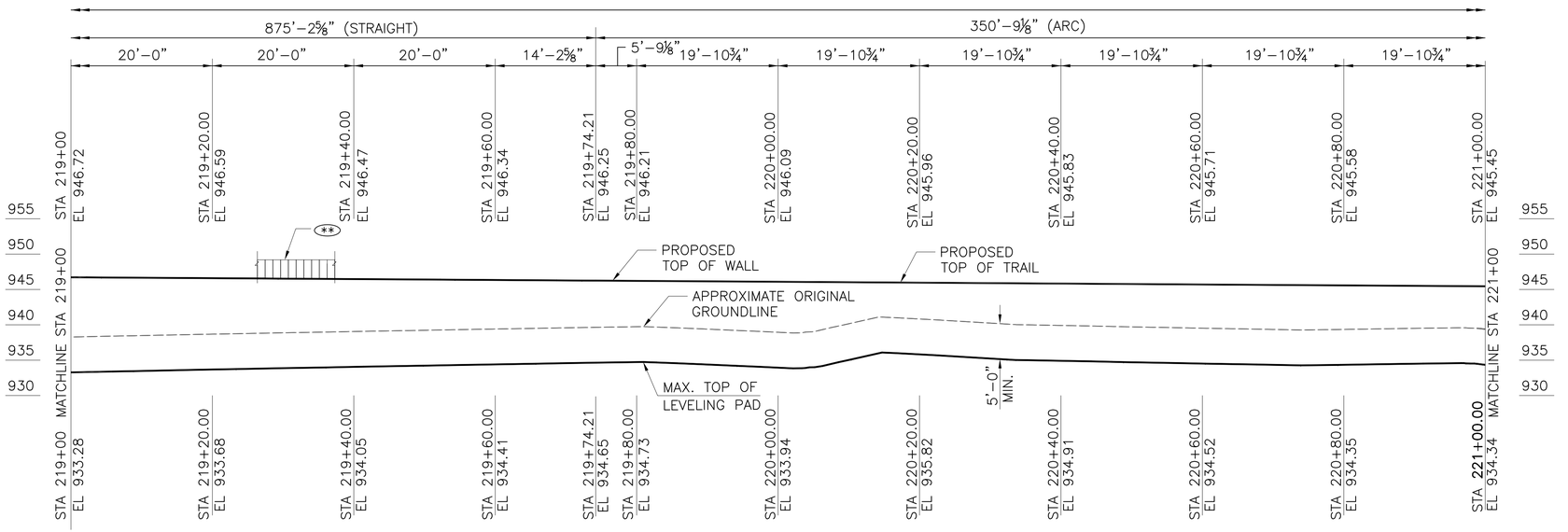
PLAN



VERTICAL CURVE DATA

CURVE #4
PI Sta = 223+06.03
N = 1354841.61
E = 2233438.60
DELTA = 21°-16'-18"
D = 3°-14'-33.16"
T = 331.83'
L = 656.01'
R = 1767.00'
E = 30.89'
SE = 1.75%

HORIZONTAL CURVE DATA



ELEVATION
(LOOKING AT BACK FACE OF WALL)

NOTES

1. STATIONS ARE MEASURED ALONG ℄ CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL UNLESS NOTED OTHERWISE.
2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
3. PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.
4. FOR MSE WALL NOTES AND TYPICAL SECTIONS, SEE "WALL DETAIL 1".
5. ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
6. WALL LENGTHS INCLUDE GRANITE VENEER, (NOT SHOWN FOR CLARITY).
7. (**) INDICATES 54" METAL SAFETY RAIL (SIDE MOUNTED).

PROJECT P.I. NO. 0009397 (SEGMENT 3)
WALL NO. W211C

Kimley»Horn

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GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ARUNA SASTRY
02-05-2021

DRAWING NO. 32-0018
WALL SHEET 5 OF 6

BY	REVISIONS	DATE

ATLANTA BELTLINE

PLAN AND ELEVATION
WALL NO. W211C (MSE)
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: 1"=10'-0" FEBRUARY 2021

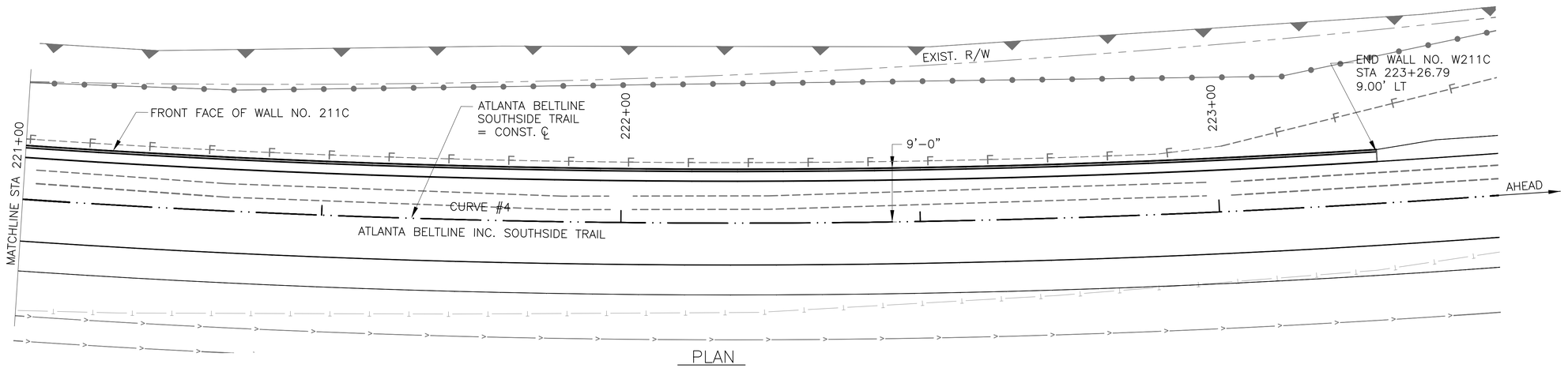
DESIGNED UP/NHK CHECKED AS REVIEWED SKG
DRAWN PS DESIGN GROUP APPROVED DPD

1 INCH WHEN PRINTED FULL SIZE

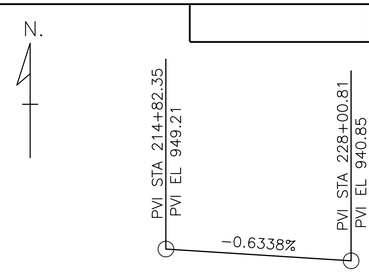
S3-W211C.dwg

DATE: Feb 10, 2021 TIME: 5:18pm
USER: aruna

P.I. NO.
0009397



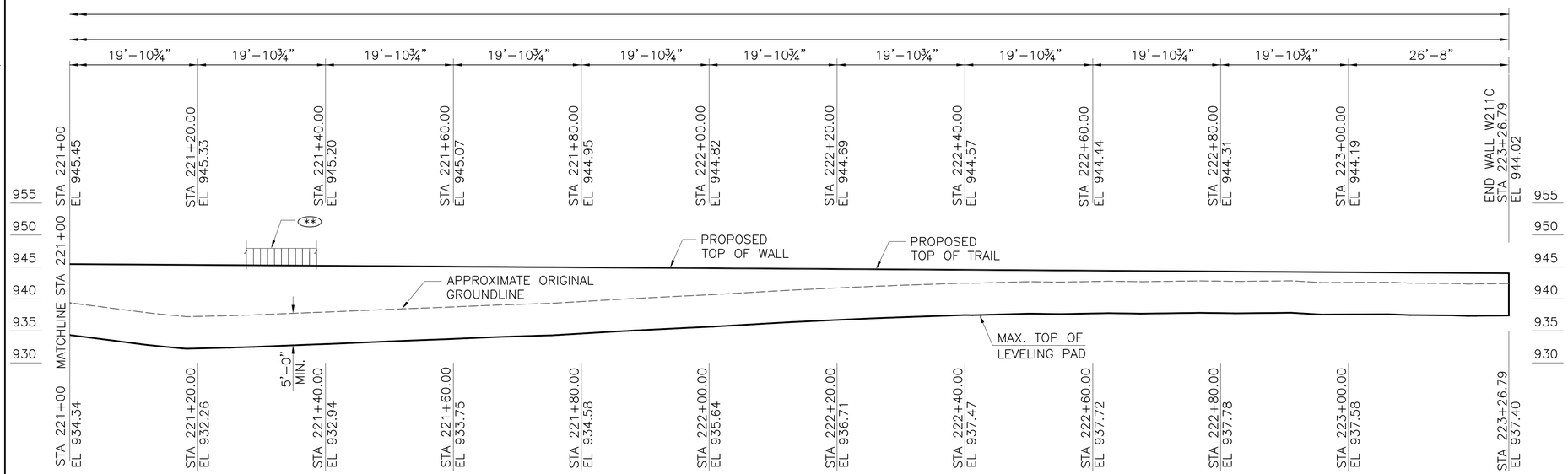
PLAN



VERTICAL CURVE DATA

CURVE #4
PI Sta = 223+06.03
N = 1354841.61
E = 2233438.60
DELTA = 21°-16'-18"
D = 3°-14'-33.16"
T = 331.83'
L = 656.01'
R = 1767.00'
E = 30.89'
SE = 1.75%

HORIZONTAL CURVE DATA



ELEVATION
(LOOKING AT BACK FACE OF WALL)

NOTES

1. STATIONS ARE MEASURED ALONG ℄ CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL UNLESS NOTED OTHERWISE.
2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
3. PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.
4. FOR MSE WALL NOTES AND TYPICAL SECTIONS, SEE "WALL DETAIL 1".
5. ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
6. WALL LENGTHS INCLUDE GRANITE VENEER, (NOT SHOWN FOR CLARITY).
7. (**) INDICATES 54" METAL SAFETY RAIL (SIDE MOUNTED).

PROJECT P.I. NO. 0009397 (SEGMENT 3)
WALL NO. W211C

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GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ARUNA SASTRY
02-05-2021

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ALPHARETTA, GA 30022
PHONE: 678-366-9375 FAX: 678-366-9375

DRAWING NO. 32-0019
WALL SHEET 6 OF 6

DATE	REVISIONS	BY

ATLANTA BELTLINE

PLAN AND ELEVATION
WALL NO. W211C (MSE)
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: 1"=10'-0" FEBRUARY 2021

DESIGNED UP/NHK	CHECKED AS	REVIEWED SKG	
DRAWN PS	DESIGN GROUP	APPROVED DPD	

1 INCH WHEN PRINTED FULL SIZE

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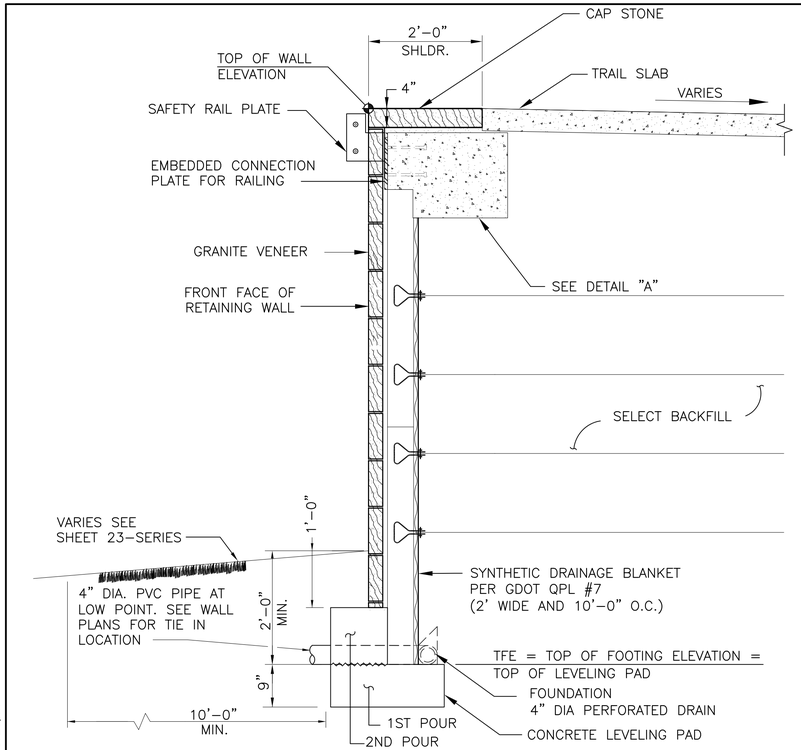
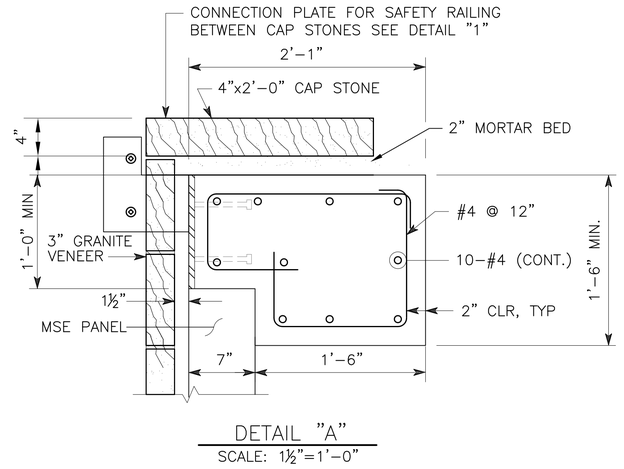
DATE: Feb 10, 2021 TIME: 5:19pm
USER: aruna



MECHANICALLY STABILIZED EARTH WALLS

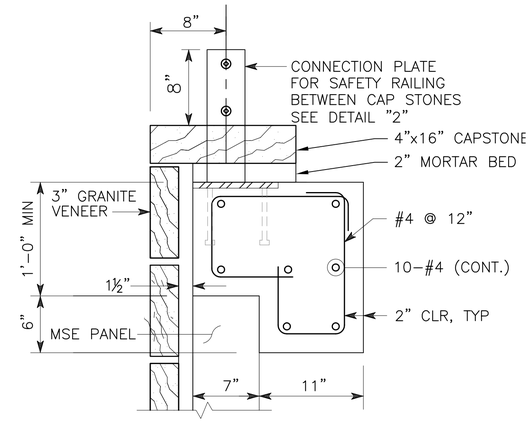
WALL DETAIL 1

SCALE: 3/4"=1'–0"



DETAIL "A"

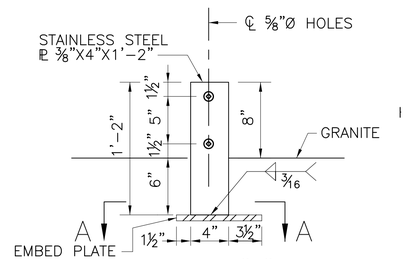
SCALE: 1½"=1'–0"



DETAIL "B2"

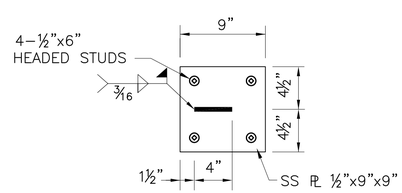
SCALE: 1½"=1'–0"

TOP–MOUNTING DETAIL



DETAIL "2"

SCALE: 1½"=1'–0"

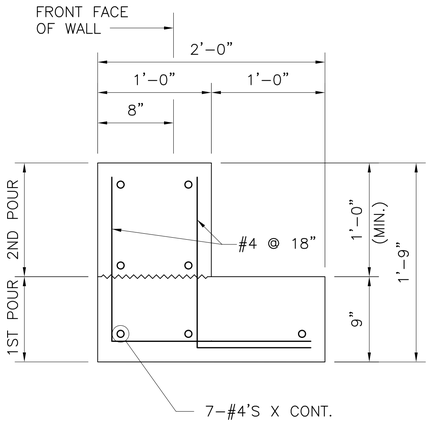


SECTION A–A

SCALE: 1½"=1'–0"

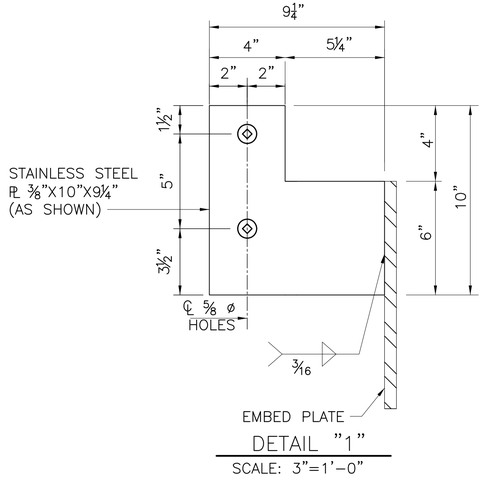
NOTES:

1. GRANITE VENEER TIES SHALL BE INSERTED INTO VERTICAL AND HORIZONTAL GROUT JOINTS.
2. MORTAR SHALL HAVE A MINIMUM STRENGTH OF f'm = 2000 P.S.I. AND SHALL BE PLACED ABOVE AND BELOW THE GRANITE ANCHOR. PORTLAND CEMENT GROUT SHALL CONFORM TO 834.03.
3. ALL STRUCTURAL STEEL ARE STAINLESS STEEL AND SHALL CONFORM TO ASTM A240, GRADE 304.



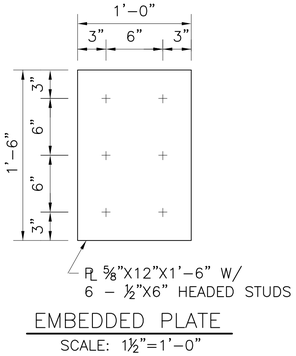
LEVELING PAD

SCALE: 1½"=1'–0"



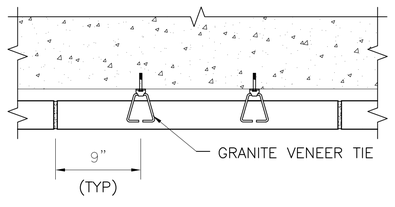
DETAIL "1"

SCALE: 3"=1'–0"



EMBEDDED PLATE

SCALE: 1½"=1'–0"



TYPICAL GRANITE VENEER TIE

SCALE: 1 ½"=1'–0"

PROJECT P.I. NO. 0009397 (SEGMENT 3)

WALL DETAILS

Kimley»Horn

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GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ARUNA SASTRY
02-05-2021

DATE | REVISIONS | BY

ATLANTA BELTLINE

WALL DETAILS

ATLANTA BELTLINE SOUTHSIDE TRAIL

FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: AS SHOWN FEBRUARY 2021

DESIGNED UP/NHK CHECKED AS REVIEWED SKG
DRAWN PS DESIGN GROUP APPROVED DPD

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SASTRY & ASSOCIATES, INC.
11030 JONES BRIDGE ROAD, SUITE 201
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DRAWING NO. 32-0101

WALL SHEET 1 OF 3

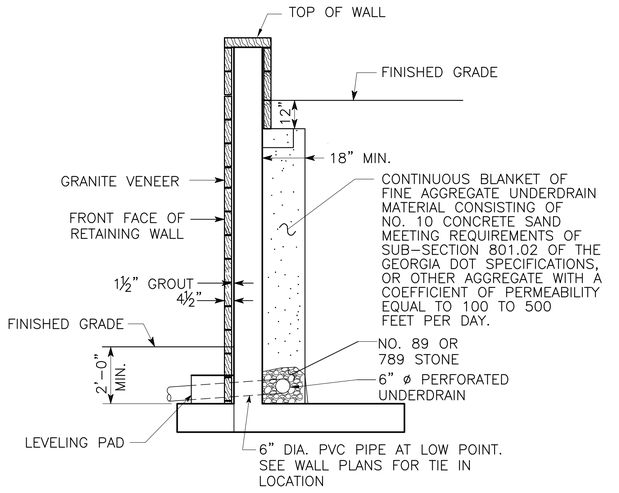
1 INCH WHEN PRINTED FULL SIZE

S3–32–Wall–Det–101.dwg

DATE: Feb 10, 2021 TIME: 5:23pm

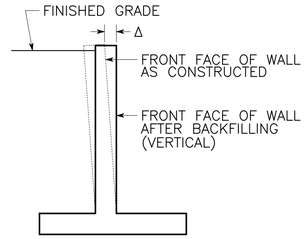
USER: aruna

P.I. NO.
0009397



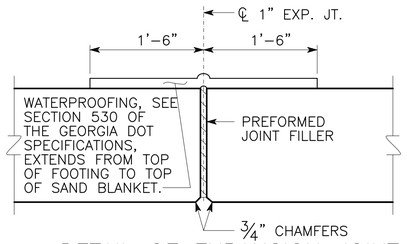
TYPICAL SECTION FOR CAST-IN-PLACE RETAINING WALLS

WALL DETAIL 2
SCALE: 3/8"=1'-0"

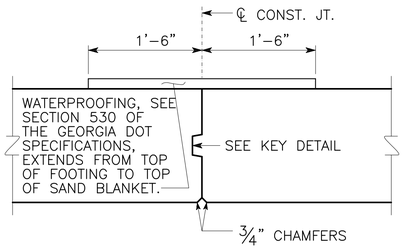


WALL BATTER DETAIL

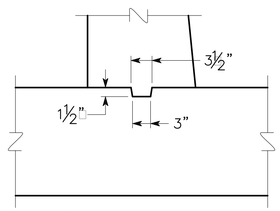
H	Δ
8'	1/8"
10'	3/8"
12'	7/16"
14'	3/4"
16'	11/16"
18'	1¼"



DETAIL OF EXPANSION JOINT

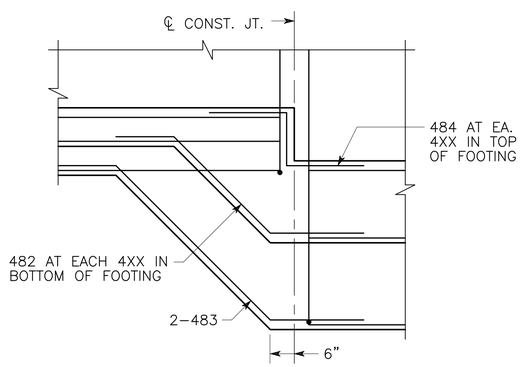


DETAIL OF CONTRACTION JOINT

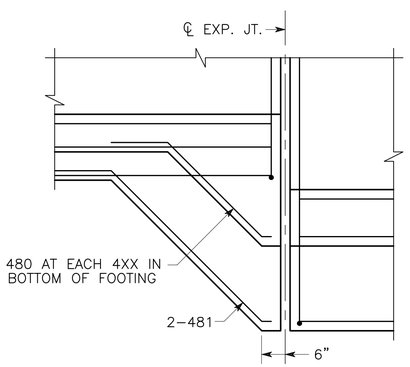


(FOR USE IN FOOTING AND CONTRACTION JOINT.)

KEY DETAIL



CIP WALL STEP AT CONTRACTION JOINT



CIP WALL STEP AT EXPANSION JOINT

PROJECT P.I. NO. 0009397 (SEGMENT 3)
WALL DETAILS

Kimley»Horn

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PHONE (404) 419-8700

GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ARUNA SASTRY
02-05-2021

BY	REVISIONS	DATE

ATLANTA BELTLINE

WALL DETAILS
ATLANTA BELTLINE SOUTHSIDE TRAIL
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: AS SHOWN FEBRUARY 2021

DESIGNED UP/NHK CHECKED AS REVIEWED SKG
DRAWN PS DESIGN GROUP APPROVED DPD

S3-32-Wall-Det-102.dwg

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SASTRY & ASSOCIATES, INC.
11030 JONES BRIDGE ROAD, SUITE 201
ALPHARETTA, GA 30022
PHONE: 678-366-9375 FAX: 678-366-9375

DRAWING NO. 32-0102
WALL SHEET 2 OF 3

1 INCH WHEN PRINTED FULL SIZE

DATE: Feb 10, 2021 TIME: 5:24pm
USER: aruna

P.I. NO.
0009397

GENERAL NOTES – CIP WALLS

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. LONGITUDINAL REINFORCING SHALL NOT EXTEND THROUGH EXPANSION JOINTS. STEM LONGITUDINAL REINFORCING SHALL NOT EXTEND THROUGH CONTRACTION JOINTS. LONGITUDINAL FOOTING AND KEY REINFORCING SHALL BE CONTINUOUS BETWEEN EXPANSION JOINTS. WHEN FOOTING SIZE CHANGES, LONGITUDINAL REINFORCING FOR SMALLER FOOTING SHALL EXTEND 1'–6" MINIMUM INTO LOWER FOOTING.

FINISH – FINISH EXPOSED SURFACES OF THE WALL WITH GRANITE VENEER.

CONCRETE COVER – MAINTAIN 3 INCHES COVER ON ALL FOOTINGS AND KEY REINFORCING STEEL AND 2 INCHES COVER ON ALL STEM REINFORCING.

BACKFILL – PLACE BACKFILL ON FRONT FACE SIDE OF WALL BEFORE BACKFILLING BACK FACE OF WALL.

TEMPORARY SHORING – PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.

CHAMFER – CHAMFER ALL EXPOSED CONCRETE EDGES ¾ INCH UNLESS OTHERWISE NOTED.

JOINTS IN WALL FORMS – SUPPORT JOINTS IN WALL FORM WITH BACKING STRIPS TO PROVIDE A FLUSH SURFACE IN THE FINISHED WALL FACE.

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 JOINT FILLERS, WATERPROOFING AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.

WELDING – ALL WELDING ON GEORGIA DOT PROJECTS SHALL BE PERFORMED BY GDOT CERTIFIED WELDERS WHO 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.

STATIONS AND OFFSETS – STATIONS SHOWN ARE ALONG ℄ CONSTRUCTION. OFFSETS SHOWN ARE MEASURED TO THE FRONT FACE OF WALL.

WALL JOINTS – EXPANSION JOINTS SHALL BE LOCATED AT A MAXIMUM SPACING OF 90'–0" AND EXTEND THROUGH THE WALL STEM AND FOOTING. CONTRACTION JOINTS SHALL BE LOCATED AT A MAXIMUM SPACING OF 30'–0" AND EXTEND THROUGH THE WALL STEM ONLY.

FOOTING EXCAVATION – EXCAVATE FOR SPREAD FOOTING WITH CARE TO PREVENT UNDERCUTTING ON UNDISTURBED SOIL.

KEY EXCAVATION – EXCAVATION FOR KEY AS NEAR PLAN DETAILS AS PRACTICAL POUR KEY AGAINST UNDISTURBED SOIL WITHOUT FORMS.

FOUNDATION IMPROVEMENTS – SOIL CONDITIONS UNDER WALL FOUNDATIONS SHOULD BE THOROUGHLY EVALUATED AT THE TIME OF CONSTRUCTION IN ORDER TO VERIFY THAT THE SOILS BELOW THE WALL FOUNDATIONS ARE CONSISTENT WITH THOSE ENCOUTERED IN THE GEOTECHNICAL WALL FOUNDATION INVESTIGATION REPORT IF SOFT OR OTHERWISE UNSUITABLE SOILS ARE PRESENT BELOW THE FOUNDATIONS, THEY SHOULD BE EXCAVATED AND REPLACED WITH SUITABLE MATERIAL.

FOUNDATION UNDERCUT AND BACKFILL – IF THE SOILS ARE WET AT THE BOTTOM OF THE WALLS AT THE TIME OF CONSTRUCTION, EXCAVATE THE TOP TWO(2) FEET BELOW THE BOTTOM OF THE WALL AND BACKFILL WITH TYPE II FOUNDATION BACKFILL.

GENERAL NOTES – MSE WALLS

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.

FINISH – FINISH EXPOSED SURFACE OF THE WALL SHALL RECEIVE A GRANITE VENEER.

CONCRETE COVER – MAINTAIN 2 INCHES COVER MINIMUM ON ALL REINFORCING STEEL.

TEMPORARY SHORING – PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.

JOINTS – PROVIDE ONE INCH EXPANSION JOINT IN COPING OR BARRIER AT EVERY FOURTH PANEL.

WELDING – ALL WELDING ON GEORGIA DOT PROJECTS SHALL BE PERFORMED BY CERTIFIED WELDERS WHO 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.

WALL PLANS – THE RETAINING WALL IS CONSIDERED A CONTRACTOR DESIGN. THESE WALL PLANS ARE CONCEPTUAL AND ARE FOR ILLUSTRATIVE PURPOSES ONLY. EXACT NUMBER OF SOIL REINFORCING STRIPS, THEIR LOCATIONS AND LENGTHS, SHALL BE PROVIDED BY THE CONTRACTOR FOR THE WALL SYSTEM BID. THE PRESENCE OF THESE CONCEPTUAL PLANS IN THE CONTRACT DOCUMENTS IN NO WAY RELIEVES THE CONTRACTOR FROM PROVIDING A WALL SYSTEM WITH STRUCTURAL ADEQUACY, IN ACCORDANCE WITH SECTION 627 OF THE GEORGIA DOT SPECIFICATIONS, AT THE BID PRICE.

WALL DESIGN CALCULATIONS – PROVIDE WALL DESIGN CALCULATIONS FOR EACH WALL DESIGN SECTION. CALCULATIONS SHALL INCLUDE THE VERIFICATION OF EXTERNAL STABILITY AND THE DESIGN FOR INTERNAL STABILITY.

VIBRATION MONITORING – MONITORING SHALL BE PROVIDED IN ACCORDANCE WITH PROJECT SPECIAL PROVISION 154.

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 JOINT FILLERS, NEOPRENE PADS, WATERPROOFING AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.

STATIONS AND OFFSETS – STATIONS SHOWN ARE ALONG ℄ CONSTRUCTION. OFFSETS SHOWN ARE MEASURED TO THE FRONT FACE OF WALL.

FOUNDATION IMPROVEMENTS – SOIL CONDITIONS UNDER WALL FOUNDATIONS SHOULD BE THOROUGHLY EVALUATED AT THE TIME OF CONSTRUCTION IN ORDER TO VERIFY THAT THE SOILS BELOW THE WALL FOUNDATIONS ARE CONSISTENT WITH THOSE ENCOUTERED IN THE GEOTECHNICAL WALL FOUNDATION INVESTIGATION REPORT. IF SOFT OR OTHERWISE UNSUITABLE SOILS ARE PRESENT BELOW THE FOUNDATIONS, THEY SHOULD BE EXCAVATED AND REPLACED WITH SUITABLE MATERIAL.

FOUNDATION UNDERCUT AND BACKFILL – IF THE SOILS ARE WET AT THE BOTTOM OF THE WALLS AT THE TIME OF CONSTRUCTION, EXCAVATE THE TOP TWO(2) FEET BELOW THE BOTTOM OF THE WALL AND BACKFILL WITH TYPE II FOUNDATION BACKFILL.

WAITING PERIOD – WAITING PERIOD OF 75 DAYS SHALL BE OBSERVED AFTER FINAL STAGE OF BACKFILL PLACEMENT AND PRIOR TO THE CONSTRUCTION OF ANY STRUCTURE ABOVE THE WALLS 211A, 211B AND 211C.

GLOBAL STABILITY – CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING GLOBAL SATBILITY ANALYSES FOR THE WALLS AND THE EMBANKMENTS ABOVE OR BELOW WHEN APPLICABLE AND SUBMIT ALL DESIGN CALCULATIONS TO THE DEPARTMENT FOR THEIR REVIEW.

PROJECT P.I. NO. 0009397 (SEGMENT 3)

WALL DETAILS

Kimley»Horn

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817 W. PEACHTREE STREET, NW
THE BILTMORE, SUITE 601
ATLANTA, GEORGIA 30308
PHONE (404) 419–8700

GEORGIA REGISTERED NO. 19371 PROFESSIONAL ENGINEER ARUNA SASTRY

02–05–2021

DATE	REVISIONS	BY

ATLANTA BELTLINE

WALL GENERAL NOTES

ATLANTA BELTLINE SOUTHSIDE TRAIL

FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: NO SCALE FEBRUARY 2021

DESIGNED UP/NHK CHECKED AS REVIEWED SKG

DRAWN PS DESIGN GROUP APPROVED DPD

S&A Atlanta

SASTRY & ASSOCIATES, INC.
11030 JONES BRIDGE ROAD, SUITE 201
ALPHARETTA, GA 30022
PHONE: 678–366–9375 FAX: 678–366–9375

DRAWING NO. 32–0103

WALL SHEET 3 OF 3

1 INCH WHEN PRINTED FULL SIZE

S3–32–Wall–GN–103.dwg

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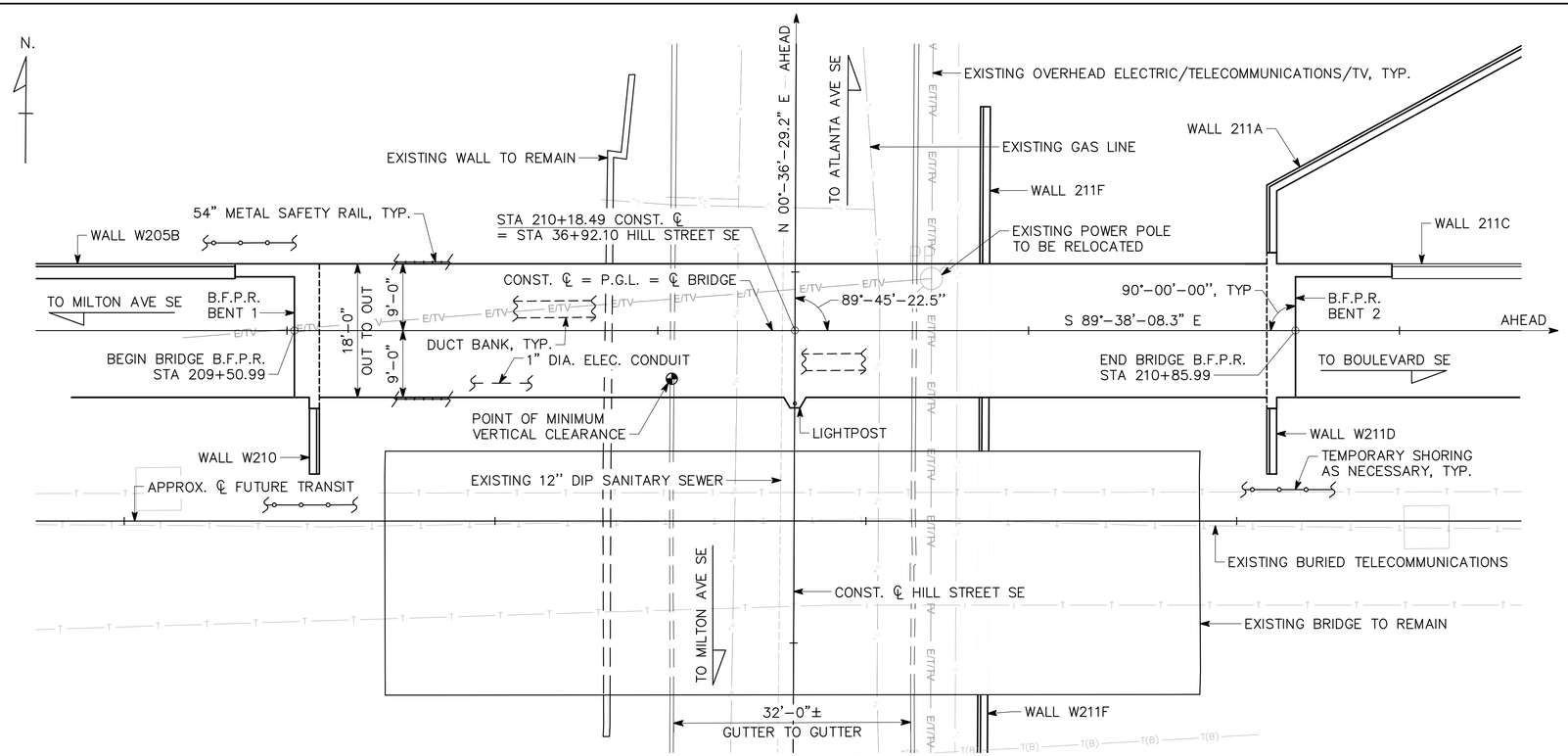
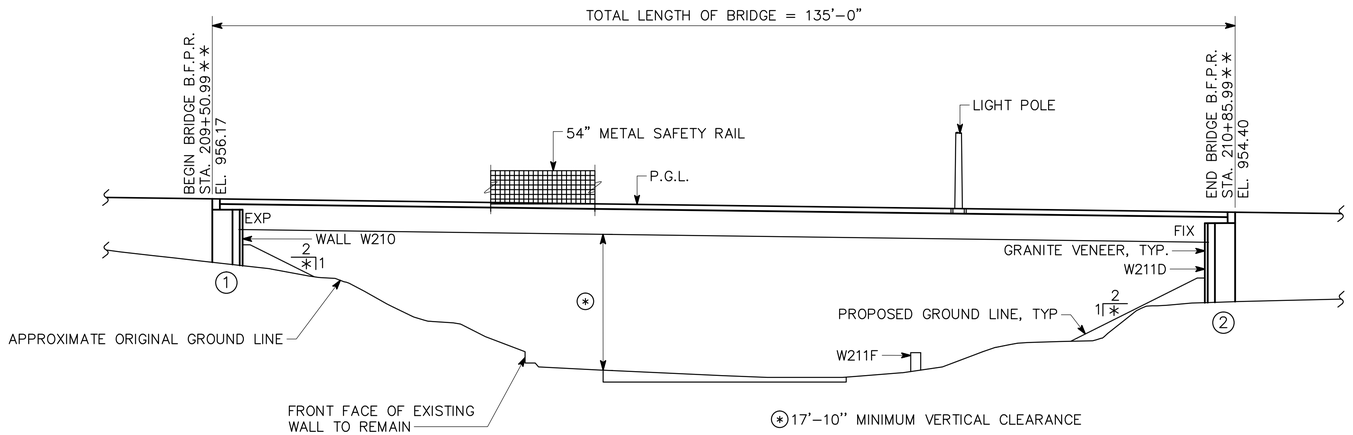
USER: aruna

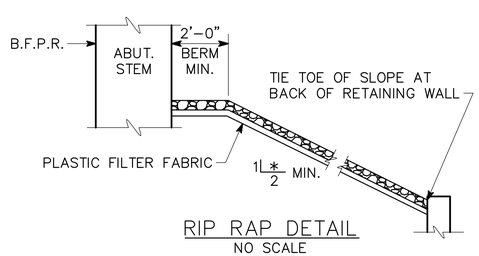
P.I. NO. 0009397



PLAN



ELEVATION



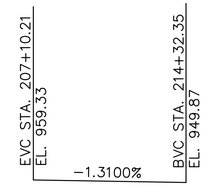
RIP RAP DETAIL
NO SCALE

NOTES:

1. END BENT PILES NOT SHOWN.
2. ALL BENTS ARE PARALLEL.
3. ANGLES ARE MEASURED TO THE TANGENT OF THE ℄ CONSTRUCTION AT INTERSECTION WITH THE B.F.P.R.
4. EXISTING BRIDGE AND WINGWALLS TO REMAIN. DO NOT DISTURB EXISTING STRUCTURES.

* SEE SPECIAL GRADING PLAN, 18-SERIES, FOR DETAILED CONDITIONS AT END SLOPE. MAXIMUM SLOPE IS 2:1.

** STATIONS AND ELEVATIONS ARE ALONG PROFILE GRADE LINE AT INTERSECTION OF PROFILE GRADE LINE AND B.F.P.R.



VERTICAL CURVE DATA

PROFILE ALONG EXISTING HILL STREET SURVEY

STATION	ELEVATION
37+92.10	931.63
37+67.10	932.00
37+42.10	932.01
37+17.10	932.66
36+92.10	932.84
36+67.10	933.99
36+42.10	934.00
36+17.10	934.00
35+92.10	934.03

PROJECT P.I. NO. 0009397 (SEGMENT 3)
BRIDGE NO. 3

Kimley»Horn

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ATLANTA BELTLINE

PLAN AND ELEVATION
ATLANTA BELTLINE SOUTHSIDE TRAIL
OVER HILL STREET
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: 1"=10'-0", UNLESS OTHERWISE NOTED FEBRUARY 2021

DESIGNED ASG CHECKED NMC REVIEWED SKG
DRAWN KAG DESIGN GROUP APPROVED DPD

DRAWING NO. 35-001
BRIDGE SHEET 1 OF 15

REVISIONS | BY | DATE

1 INCH WHEN PRINTED FULL SIZE

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DATE: Feb 01, 2021 TIME: 5:27pm
USER: kelley.glynn

BRIDGE CONSISTS OF

1 – 135'–0" W BEAM COMPOSITE SIMPLE SPAN ---------- SPECIAL DESIGN

2 – CONCRETE ABUTMENT END BENTS ---------- SPECIAL DESIGN

1 – 54" METAL SAFETY RAIL ---------- SPECIAL DESIGN

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

UTILITIES

1" DIA. ELECTRICAL CONDUIT ---------- ATLANTA BELTLINE INC

8 – 4" DIA. CONDUIT (FUTURE FIBER) ---------- ATLANTA BELTLINE INC

2" DIA. CONDUIT (FUTURE COMMUNICATIONS) ---------- GDOT

EXISTING BRIDGE NOTES

1. EXISTING BRIDGE PLANS ARE NOT AVAILABLE.
2. EXCAVATION AND BACKFILL BEHIND EXISTING BRIDGE ABUTMENTS AND/OR WINGWALLS SHALL BE PERFORMED SIMULTANEOUSLY AT BENT 1 AND BENT 4 TO PREVENT DIFFERENTIAL LOADING AND MOVEMENT OF EXISTING BRIDGE ABUTMENT AND WINGWALLS. DEPTH OF EXCAVATION OR HEIGHT OF BACKFILL BEHIND EXISTING BRIDGE ABUTMENTS AND/OR WINGWALLS SHALL NOT DIFFER MORE THAN 5 FEET BETWEEN BENT 1 AND BENT 4.
3. REMOVE ALL DEBRIS AND VEGETATION FROM EXISTING BRIDGE. CLEAN DIRT AND DEBRIS FROM EXISTING ABUTMENT BEARING SEATS. CLEAN AND REMOVE EXPOSED CONCRETE DECK SURFACES OF EFFLORESCENCE USING LIGHT PRESSURE WASHING, TAKING CARE TO NOT DAMAGE OR REMOVE CONCRETE. INCLUDE COST OF THIS WORK IN THE PRICE BID FOR LUMP – PAINT EXIST STEEL STRUCTURE, BR ID – 121–0522–0.
4. EXISTING DECK DRAINAGE SHALL BE REPLACED IN KIND AND ANY OUTFALL DRAINS OFF BRIDGE CLEANED OUT TO ENSURE PROPER DRAINAGE. INCLUDE COST OF THIS WORK IN THE PRICE BID FOR LUMP – PAINT EXIST STEEL STRUCTURE, BR ID – 121–0522–0.
5. GRADE EXISTING BALLAST AND/OR FILL TO TOP OF EXISTING BRIDGE CURB OR LOWER. GRADE TO PROMOTE DRAINAGE OFF BRIDGE STRUCTURE. INCLUDE COST OF THIS WORK IN THE PRICE BID FOR GRADING COMPLETE.
6. FILL AND GRADE SLOPES AROUND EXISTING ABUTMENTS TO COVER BOTTOM OF EXISTING FOOTING AND EXPOSED TIMBER PILES. INCLUDE COST OF THIS WORK IN THE PRICE BID FOR GRADING COMPLETE.
7. CLEAN AND REMOVE EXISTING PAINT ON ALL EXISTING STEEL, INCLUDING BEARINGS, AS PER SECTION 535 OF THE GEORGIA DOT SPECIFICATIONS. EXISTING STRUCTURAL STEEL HAS BEEN PAINTED WITH LEAD PAINT.
8. PAINT EXISTING STEEL, INCLUDING BEARINGS, WITH SHERWIN WILLIAMS COROTHANE 1 PREPRIME AND DIAMOND–CLAD CLEAR COAT URETHANE PER MANUFACTURER'S PRODUCT SPECIFICATIONS AND RECOMMENDATIONS.
9. PROVIDE PROTECTIVE PLATFORMS AT THIS SITE, SEE SECTION 510 OF THE GEORGIA DOT SPECIFICATIONS. MAINTAIN A MINIMUM VERTICAL CLEARANCE OF 14'–6" ABOVE HILL STREET.

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" MINIMUM CLEARANCE ON ALL REINFORCEMENT UNLESS OTHERWISE NOTED.

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

PROTECTIVE PLATFORMS – PROVIDE PROTECTIVE PLATFORMS AT THIS SITE, SEE SECTION 510 OF THE GEORGIA DOT SPECIFICATIONS. MAINTAIN A MINIMUM VERTICAL CLEARANCE OF 14'–6" ABOVE PRYOR ROAD SW.

TEMPORARY SHORING – INCLUDE THE COST OF TEMPORARY SHORING AS NECESSARY FOR BRIDGE CONSTRUCTION IN PAY ITEM 522–1000 SHORING.

TRAFFIC CONTROLS – SEE ROADWAY PLANS FOR TRAFFIC CONTROLS AND TRAFFIC CONTROL PAYMENT.

WAITING PERIOD – NONE REQUIRED.

PLAN DRIVING OBJECTIVE – SEE SUBSTRUCTURE DETAILS.

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 CENTERLINE OF BENTS 1 AND 2.

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. SEE SPECIAL PROVISION 154 – CONSTRUCTION VIBRATION MONITORING.

STEEL H–PILES – USE STEEL FOR H–PILES THAT MEETS THE REQUIREMENTS OF ASTM A709 GR 50.

PILE LENGTHS – ERRATIC PILE LENGTHS CAN BE EXPECTED.

PILE POINTS – REINFORCE ALL PILE TIPS AT BENTS 1 AND 2 IN ACCORDANCE WITH SECTIONS 520 AND 855 OF THE GEORGIA DOT SPECIFICATIONS.

PILE DRIVING – SHOULD PILES FAIL TO OBTAIN DRIVING RESISTANCE AFTER ACHIEVING THE PILE TIP ELEVATIONS SHOWN, ALLOW PILES TO FREEZE A MINIMUM OF 24 HOURS AND RESTRIKE WITH A WARM HAMMER.

BENT NUMBER	PILE TIP ELEVATION
1	875.00
2	865.00

ANCHOR BOLTS – PLACE ANCHOR BOLTS IN FORMED 3" DIAMETER X 12" DEEP HOLES AND GROUT IN PLACE AS PER SUB–SECTION 501.3.05.B.3 OF THE GEORGIA DOT SPECIFICATIONS. STIRRUPS MAY BE SHIFTED SLIGHTLY TO CLEAR ANCHOR BOLT HOLES.

UTILITY HANGERS – FURNISH AND INSTALL CONCRETE INSERTS AND ALL OTHER COMPONENTS OF HANGER ASSEMBLIES. FOR CONCRETE INSERTS, USE ANVIL FIGURE 282, AAA TECHNOLOGY FIGURE 912, OR APPROVED EQUAL CONCRETE INSERT. INCLUDE THE COST OF FURNISHING AND INSTALLING CONCRETE INSERTS AND ALL OTHER COMPONENTS OF HANGER ASSEMBLIES IN THE OVERALL BID SUBMITTED.

CHARPY V–NOTCH TEST – ALL W–BEAMS ARE MAINLOAD CARRYING MEMBERS SUBJECT TO TENSILE STRESS AND SHALL MEET THE CHARPY V–NOTCH TEST REQUIREMENTS AS SPECIFIED BY SECTION 851 OF THE GEORGIA DOT SPECIFICATIONS.

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.

PAINT – CLEAN AND PAINT ALL NEW STRUCTURAL STEEL WITH PAINT SYSTEM VII AS PER SECTION 535 OF THE GEORGIA DOT SPECIFICATIONS. FINAL PAINT COLOR SHALL BE FEDERAL STANDARD #15052. ESTIMATED PAINT AREA EQUALS 4,346 SQUARE FEET. THE COST OF PAINTING NEW STRUCTURAL STEEL SHALL BE INCLUDED IN THE PRICE BID FOR THE PAY ITEM 501–3000 STR STEEL, BRIDGE NO–1.

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, EXCAVATION, AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.

OVERHEAD ELECTRIC UTILITY COORDINATION – CONTRACTOR SHOULD NOTE THAT CONSTRUCTION OF BRIDGE, INCLUDING PILE DRIVING AND ERECTION OF BRIDGE BEAMS, IS TO ACCOMMODATE OVERHEAD ELECTRIC UTILITY LINES. GEORGIA POWER OVERHEAD ELECTRIC DISTRIBUTION LINES MAY BE DE–ENERGIZED WITH COORDINATION AND APPROVAL BY GEORGIA POWER.

DESIGN DATA

SPECIFICATIONS ---------- AASHTO LRFD 7TH EDITION
AASHTO LRFD GUIDE FOR DESIGN OF PEDESTRIAN BRIDGES, 2ND EDITION, 2009
(DESIGNED FOR SEISMIC PERFORMANCE ZONE 1, SDI = 0.132)

DESIGN VEHICLE LIVE LOAD ---------- H–10 MAINTENANCE VEHICLE

DESIGN PEDESTRIAN LIVE LOAD ---------- 90 PSF

CONCRETE: SUPERSTRUCTURE ---------- CLASS D, $f'c$ = 4,000 PSI
APPROACH SLAB ---------- CLASS A, $f'c$ = 3,000 PSI
SUBSTRUCTURE ---------- CLASS A, $f'c$ = 3,000 PSI

STRUCTURAL STEEL BEAMS ---------- LOAD RESISTANCE AND FACTOR DESIGN

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
211–0200	525	CY	BRIDGE EXCAVATION, GRADE SEPARATION
500–1011	LUMP	LS	SUPERSTR CONCRETE, CL D, BR NO–3 (65)
500–3101	220	CY	CLASS A CONCRETE
501–3000	115507	LB	STR STEEL, BRIDGE NO–3
511–1000	25943	LB	BAR REINF STEEL
511–3000	LUMP	LS	SUPERSTR REINF STEEL, BR NO–3 (9833)
515–2135	291	LF	54 IN METAL SAFETY RAIL
520–0595	27	EA	H–PILE POINTS, HP 14 X 102
520–1173	1695	LF	PILING IN PLACE, STEEL H, HP 14 X 102
520–4173	1	EA	LOAD TEST, STEEL H, HP 14 X 102 (IF REQ'D)
523–1100	2	EA	DYNAMIC PILE TEST
535–1105	LUMP	LS	PAINT EXIST STEEL STRUCTURE, BR ID – 121–0522–0
603–2180	520	SY	STN DUMPED RIP RAP, TP 3, 12 IN
603–7000	520	SY	PLASTIC FILTER FABRIC
999–9000	655	SF	GRANITE FACING

BRIDGE NO. 3

Kimley»Horn

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817 W. PEACHTREE STREET, NW
THE BILTMORE, SUITE 601
ATLANTA, GEORGIA 30308
PHONE (404) 419–8700

DATE | REVISIONS | BY

ATLANTA BELTLINE

GENERAL NOTES
ATLANTA BELTLINE SOUTHSIDE TRAIL
OVER HILL STREET
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: NO SCALE FEBRUARY 2021

DESIGNED ASG | CHECKED NMC | REVIEWED SKG
DRAWN KAG | DESIGN GROUP | APPROVED DPD

DRAWING NO. 35–0002

BRIDGE SHEET 2 OF 15

1 INCH WHEN PRINTED FULL SIZE

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USER: kelley.glynn
DATE: Feb 01, 2021 TIME: 5:27pm

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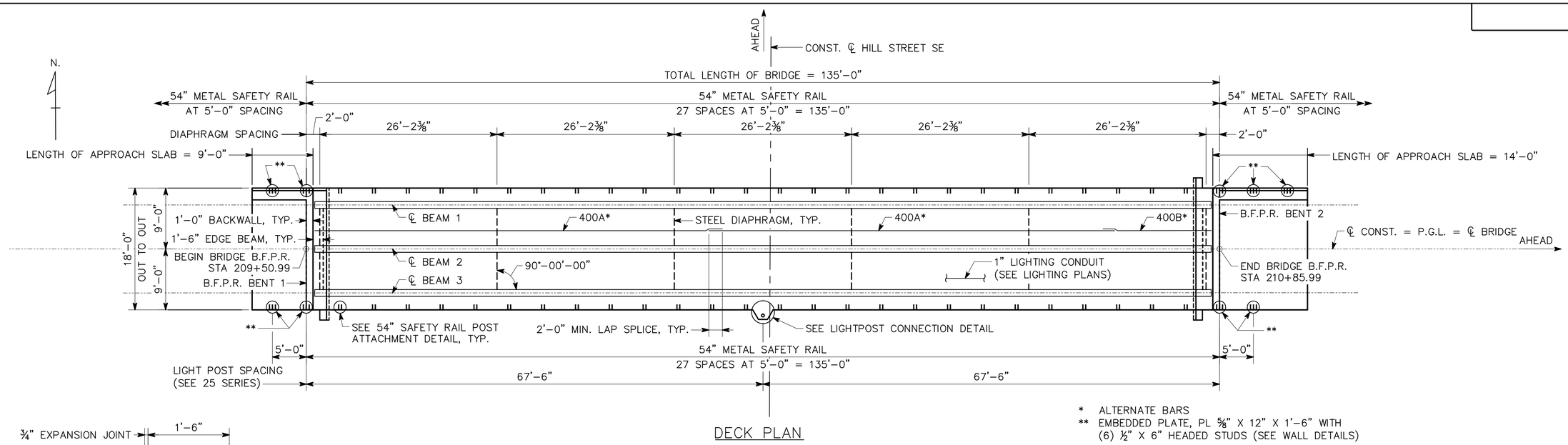
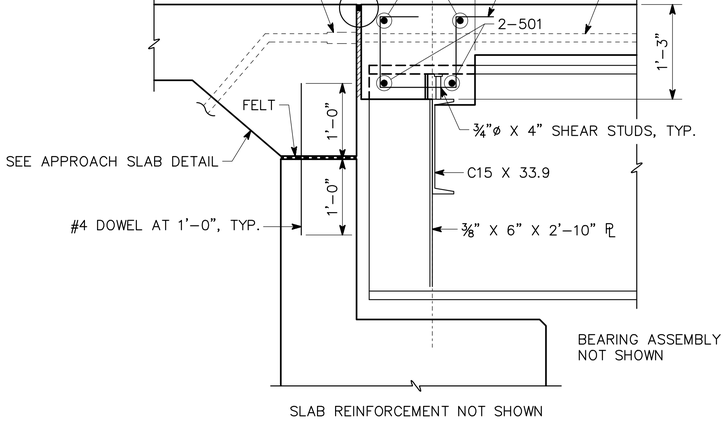
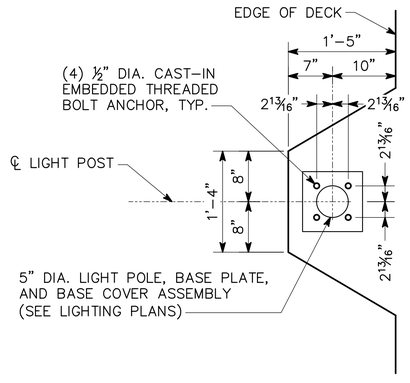


DECK PLAN

* ALTERNATE BARS
** EMBEDDED PLATE, PL ⅝" X 12" X 1'–6" WITH (6) ½" X 6" HEADED STUDS (SEE WALL DETAILS)



SECTION THRU EDGE BEAM
SCALE: 1" = 1'–0"



LIGHTPOST CONNECTION DETAIL
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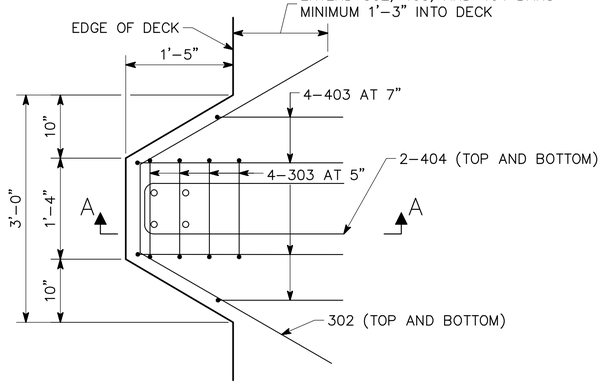
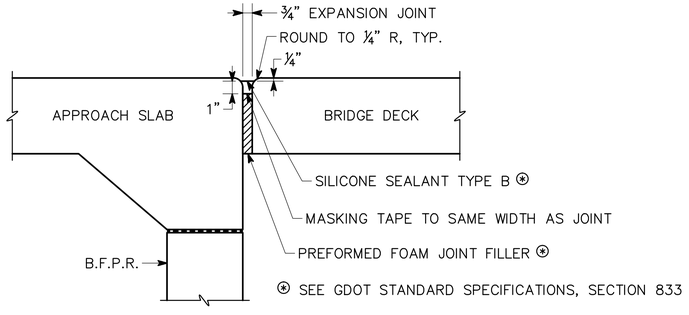


LIGHTPOST REINFORCING DETAIL
SCALE: 1" = 1'–0"

SUPERSTRUCTURE QUANTITIES	
ITEM	SPAN 1
LUMP – CY SUPERSTR CONCRETE, CLASS D	65.2
LUMP – LB SUPERSTR REINF STEEL	9,833
LUMP – LB STR STEEL	115,507
CY CLASS A CONCRETE ***	9.2
LB BAR REINF STEEL ***	1,452
CY CLASS A CONCRETE ****	13.4
LB BAR REINF STEEL ****	2,070

*** BEGIN BRIDGE APPROACH SLAB QUANTITIES

**** END BRIDGE APPROACH SLAB QUANTITIES



EXPANSION JOINT DETAIL
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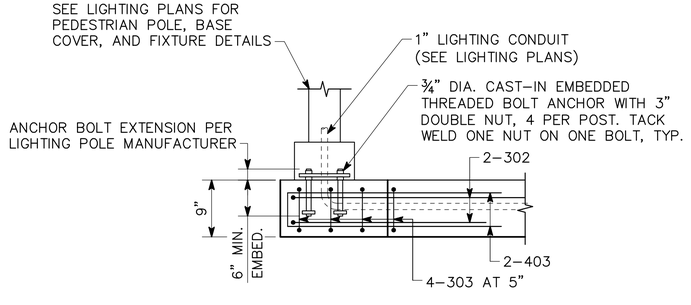

SECTION A–A
NO SCALE

BRIDGE NO. 3

Kimley»Horn

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ATLANTA, GEORGIA 30308
PHONE (404) 419–8700

ATLANTA BELTLINE

DECK PLAN
ATLANTA BELTLINE SOUTHSIDE TRAIL
OVER HILL STREET
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: ⅛"=1'–0", UNLESS OTHERWISE NOTED FEBRUARY 2021

DESIGNED BMR CHECKED NMC REVIEWED SKG
DRAWN KAG DESIGN GROUP APPROVED DPD

DRAWING NO. 35–003
BRIDGE SHEET 3 OF 15

REVISIONS: DATE | BY

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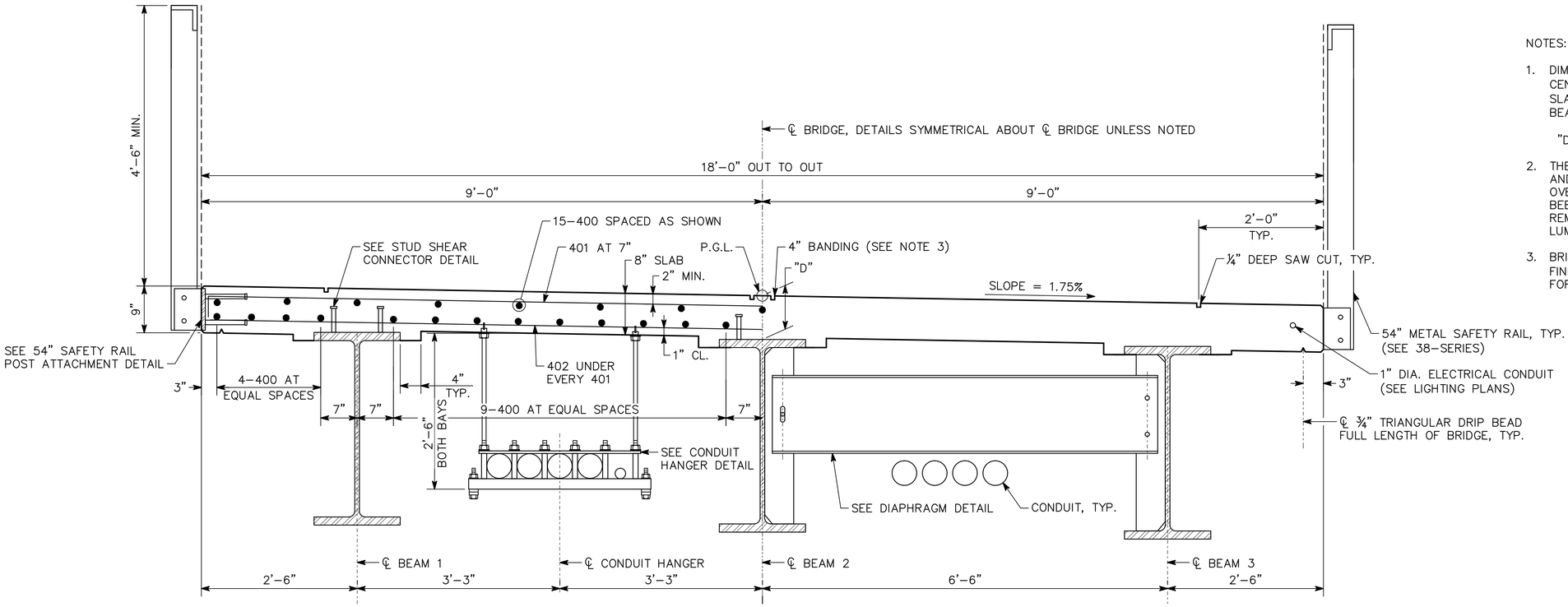
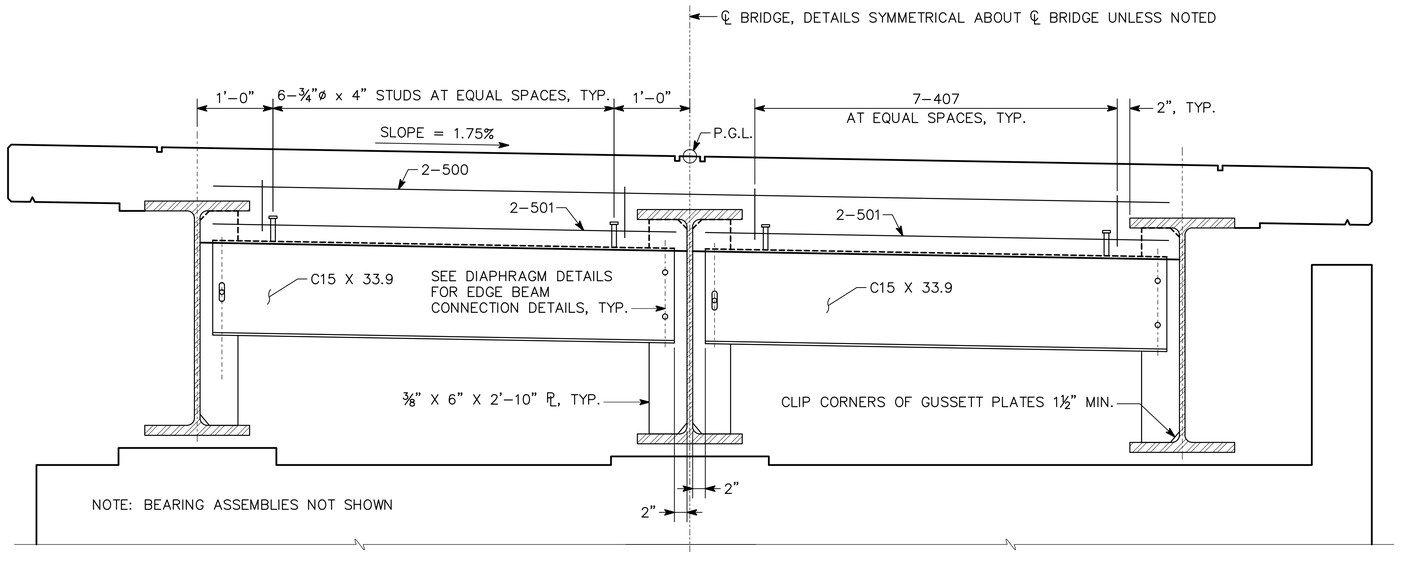


HALF SECTION THRU SLAB
(LOOKING AHEAD)

HALF SECTION THRU DIAPHRAGM
(LOOKING AHEAD)



SECTION THRU EDGE BEAM
(LOOKING AHEAD)

NOTES:

1. DIMENSION "D" IS MEASURED FROM TOP OF SLAB TO TOP OF BEAM AT CENTERLINE BEARING. VARY "D" BETWEEN BEARINGS. MAINTAIN A MINIMUM SLAB THICKNESS OF 8" AT INTERIOR SLAB AND 9" AT EXTERIOR SLAB. ALL BEAMS.

   "D" = 8¾"

2. THE CONTRACTOR SHALL PROVIDE BRACING BETWEEN THE EXTERIOR BEAM AND THE FIRST INTERIOR BEAM UNTIL THE DECK HAS BEEN POURED, THE OVERHANG FORMS HAVE BEEN REMOVED AND THE CROSS–FRAMES HAVE BEEN WELDED. ALL COSTS FOR DESIGNING, PROVIDING, INSTALLING AND REMOVING BRACING SHALL BE INCLUDED IN PRICE BID FOR LUMP–STRUCTURAL STEEL.

3. BRIDGE DECK CONCRETE SHALL BE INSTALLED WITH SPECIAL CONCRETE FINISH TO MATCH THE MAIN TRAIL (SEE 38–SERIES). USE ¼" DEEP SAW CUT FOR BANDING ON BRIDGE DECK AND APPROACH SLABS.

BRIDGE NO. 3

Kimley»Horn

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ATLANTA BELTLINE

DECK SECTIONS
ATLANTA BELTLINE SOUTHSIDE TRAIL
OVER HILL STREET
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: 1" = 1'–0", UNLESS OTHERWISE NOTED FEBRUARY 2021

DATE	REVISIONS	BY

DESIGNED ASG CHECKED NMC REVIEWED SKG
DRAWN LJS DESIGN GROUP APPROVED DPD

DRAWING NO. 35–0004

BRIDGE SHEET 4 OF 15

1 INCH WHEN PRINTED FULL SIZE

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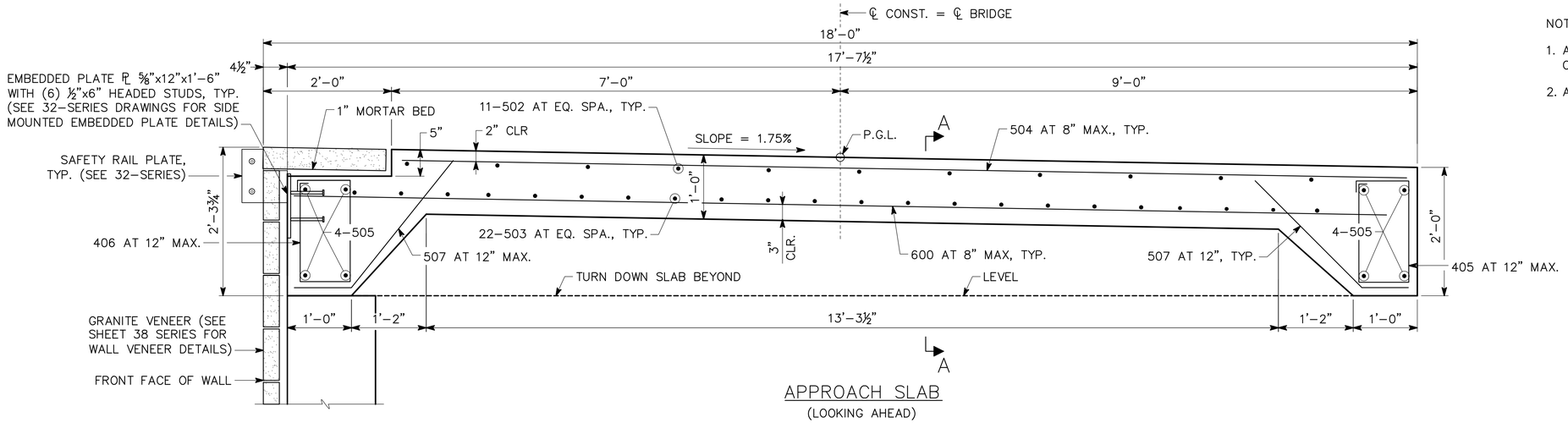
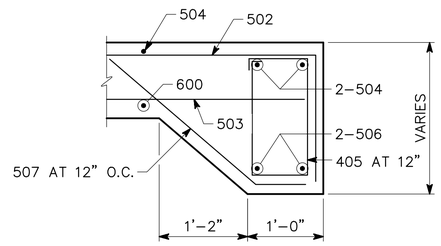


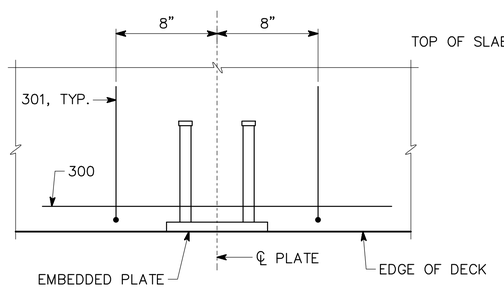
APPROACH SLAB
(LOOKING AHEAD)

NOTES:

1. APPROACH SLAB CONCRETE SHALL BE INSTALLED WITH DECORATIVE CONCRETE FINISH TO MATCH MAIN TRAIL (SEE 38-SERIES).
2. ALL STAINLESS STEEL SHALL CONFORM TO ASTM A240, TYPE 304.



SECTION A-A



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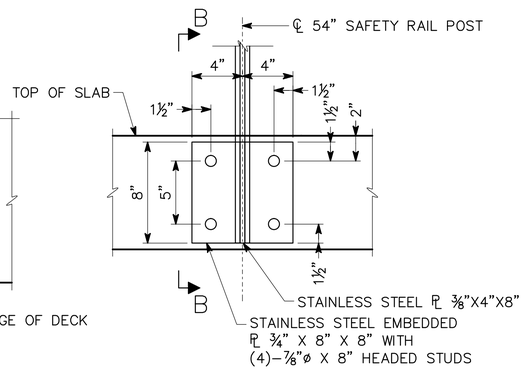
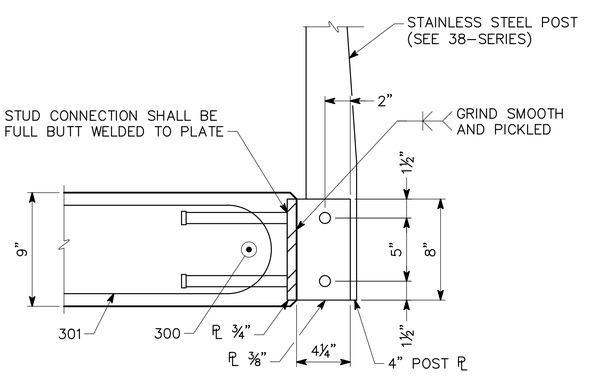


ELEVATION

54" SAFETY RAIL POST ATTACHMENT DETAIL
SCALE: ½" = 1'-0"



SECTION B-B
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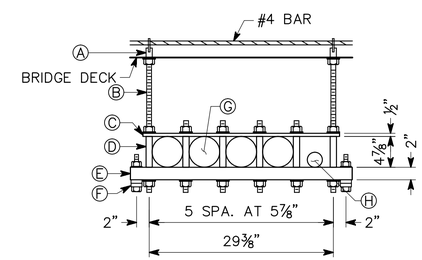
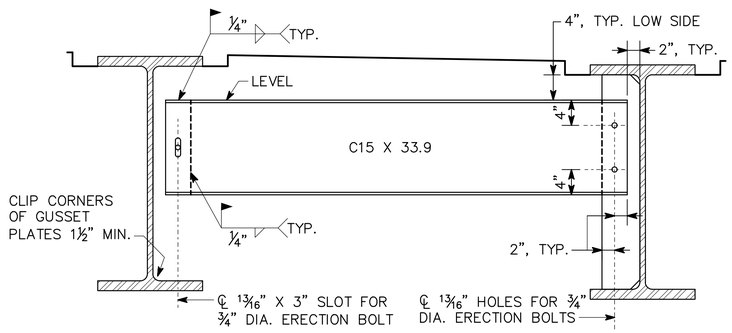


Ⓐ ¾" LOOP INSERT FOR ¾" – 10 ROD
Ⓑ ¾" – 10 GALVANIZED MACHINE ROD
Ⓒ ½" X 2" X 25½" P.V.C. FLAT BAR
Ⓓ 1" X 4⅞" P.V.C. SPACER TUBE
Ⓔ ¼" X 2" X 2" X 29½" FIBERGLASS TUBE
Ⓕ STRAND CLAMP
Ⓖ 4" DIA. FIBERGLASS CONDUIT
Ⓗ 2" DIA. FIBERGLASS CONDUIT (ONE BAY ONLY)

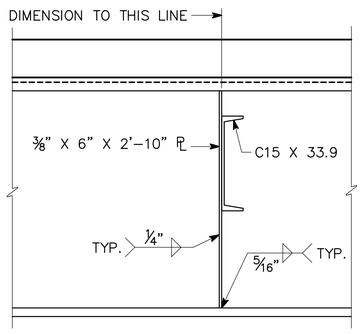
PLACE HANGER ATTACHMENTS AT INTERVALS OF UP TO 10 FEET

TYPICAL CONDUIT HANGER DETAIL
NO SCALE



DIAPHRAGM DETAILS
(LOOKING AHEAD)

NOTE: WELD DIAPHRAGMS AFTER DECK IS POURED



SECTION THRU DIAPHRAGM

BRIDGE NO. 3

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ATLANTA BELTLINE

MISC. SUPERSTRUCTURE DETAILS
ATLANTA BELTLINE SOUTHSIDE TRAIL
OVER HILL STREET
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: 1" = 1'-0", UNLESS OTHERWISE NOTED FEBRUARY 2021

DESIGNED JWM CHECKED NMC REVIEWED SKG
DRAWN ASG DESIGN GROUP APPROVED DPD

DRAWING NO. 35-0005
BRIDGE SHEET 5 OF 15

REVISIONS BY DATE

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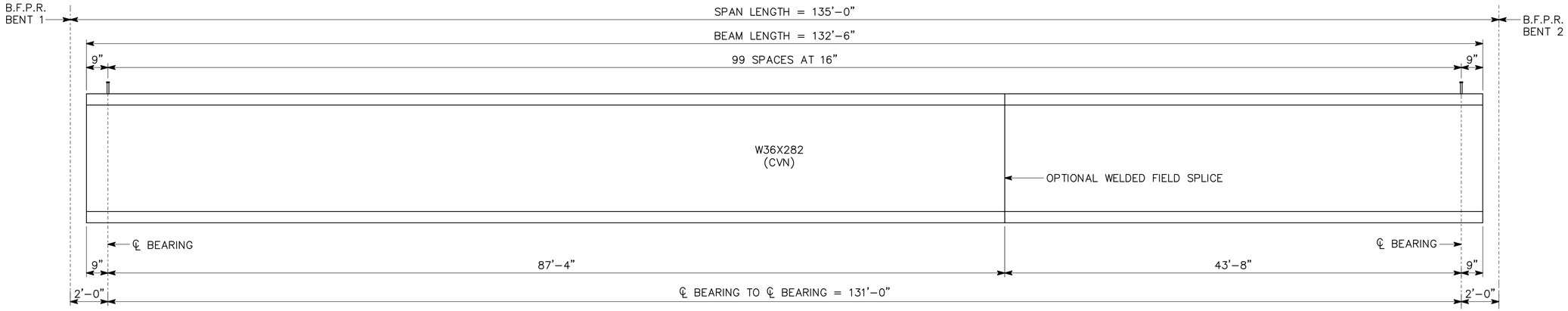
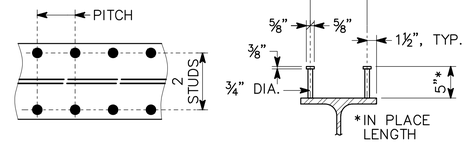


BEAM ELEVATION

BEAM NOTES

1. DIMENSIONS GIVEN ARE HORIZONTAL DISTANCES ALONG CENTERLINE GIRDER AND MUST BE ADJUSTED FOR CAMBER AND GRADE.
2. UNLESS OTHERWISE NOTED, ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A709 GRADE 50.
3. GUSSET PLATES AND DIAPHRAGMS SHALL BE ASTM A709 GRADE 36.
4. (CVN) INDICATES ALL W–BEAMS ARE MAIN LOAD CARRYING MEMBERS SUBJECT TO TENSILE STRESS AND SHALL MEET THE CHARPY V–NOTCH TEST REQUIREMENTS AS SPECIFIED BY SECTION 851 OF THE GEORGIA DOT SPECIFICATIONS.
5. NON–COMPOSITE DEAD LOAD DEFLECTION (ΔNC) AT THE MIDPOINT IS DUE TO THE WEIGHT OF BEAM, SLAB AND COPING.
6. COMPOSITE DEAD LOAD DEFLECTION (ΔC) AT THE MIDPOINT IS DUE TO THE WEIGHT OF FENCE AND UTILITIES.
7. CAMBER ORDINATE SHOWN INCLUDES DEAD LOAD DEFLECTION DUE TO BEAM, SLAB, COPING, FENCE AND DIAPHRAGMS AND INCLUDES VERTICAL CURVE ORDINATE.
8. DIAPHRAGM GUSSETS NOT SHOWN. SEE DECK PLAN FOR DIAPHRAGM SPACING.
9. ALL GUSSETS AND WEB ENDS SHALL BE VERTICAL WITH BEAMS IN PLACE, AFTER ALL DEAD LOAD DEFLECTIONS HAVE OCCURRED.



PLAN OF BEAM SECTION OF BEAM

FULLY BUTT WELD STUD SHEAR CONNECTORS TO TOP FLANGE OF BEAM

STUD SHEAR CONNECTOR DETAIL

DL DEFLECTIONS AND CAMBER			
BEAM	ΔNC	ΔC	CAMBER
EXTERIOR	11.15"	0.24"	11⅜"
INTERIOR	12.29"	0.24"	12½"

BRIDGE NO. 3

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ATLANTA BELTLINE

STEEL BEAM DETAILS
ATLANTA BELTLINE SOUTHSIDE TRAIL
OVER HILL STREET
FULTON COUNTY 0009397 (SEGMENT 3)

DRAWING NO. 35–0006

BRIDGE SHEET 6 OF 15

SCALE: NO SCALE FEBRUARY 2021

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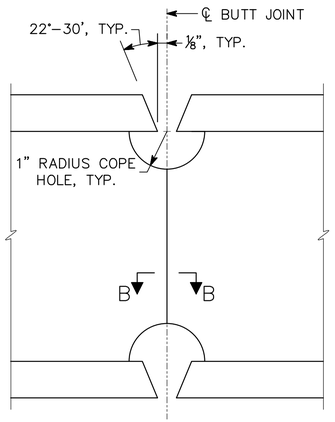
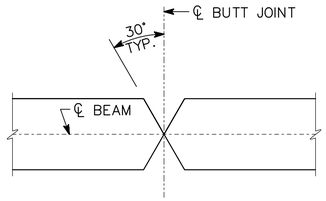


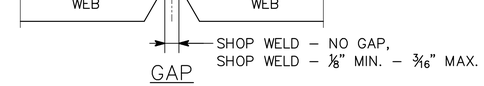
ELEVATION



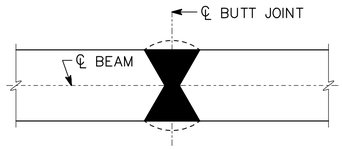
EQUAL WEB THICKNESS

SECTION B–B

SHOP PREPARATION

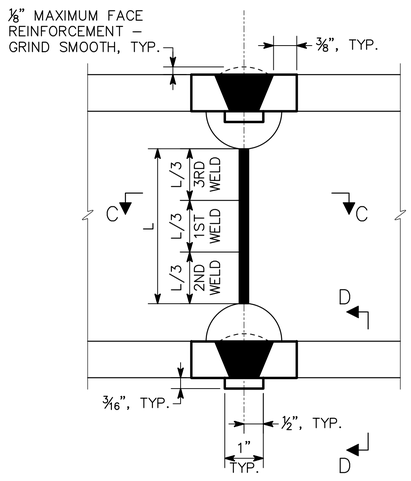


GAP



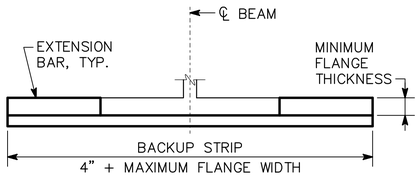
EQUAL WEB THICKNESS

SECTION C–C



EQUAL FLANGE THICKNESS

ELEVATION



TOP FLANGE SIMILAR

SECTION D–D

SHADED AREAS REPRESENT V–GROOVE WELDS.

WELD PROCEDURES

NOTES

1) THE TERM "SPLICE" AS USED IN THESE NOTES AND GEORGIA DOT SPECIFICATIONS IS SYNONYMOUS WITH THE TERM "BUTT JOINT".
2) THE CONTRACTOR SHALL SUBMIT HIS PROPOSAL FOR ALTERNATE LOCATIONS OF SPLICES TO THE BRIDGE ENGINEER, WHOSE WRITTEN APPROVAL SHALL BE REQUIRED BEFORE THE WORK PROCEEDS. SEE SUB–SECTION 501.1.03.B.6 OF THE GEORGIA DOT SPECIFICATIONS.
3) DETAILS ARE SYMMETRICAL ABOUT ℄ SPLICE AND ℄ BEAM UNLESS NOTED. ℄ BEAM EQUALS ℄ GIRDER.
4) THE BOTTOMS OF THE TOP FLANGES SHALL BE ALIGNED.
5) SPLICE SHALL BE FURNISHED IN CONFORMANCE WITH SECTION 501 OF THE GEORGIA DOT SPECIFICATIONS.
6) WORK SHALL BE PROTECTED FROM MOISTURE DURING WELDING AND UNTIL PARTS WELDED HAVE COOLED TO ATMOSPHERIC TEMPERATURE. LEAVE COPE HOLES OPEN.
7) WHEN WELDING ASTM A709 GRADE 36 AND ASTM A709 GRADE 50, WELDING SHALL BE DONE USING SPECIFICATIONS OF ASTM A709 GRADE 50.
8) ONLY E70XX (EXCLUDING E7014 AND E7024) LOW HYDROGEN ELECTRODES SHALL BE USED FOR MANUAL SHIELDED METAL ARC WELDING.
9) SEQUENCE OF WELDS: FIRST – WEB, SECOND – BOTTOM FLANGE, THIRD – TOP FLANGE. USE TWIN ARC TECHNIQUE ON WEB AND BOTTOM FLANGE.
10) AFTER WELDING REMOVE THE BACKUP STRIPS AND EXTENSION BARS. WELDS SHALL BE GROUND SMOOTH. GRINDING SHALL BE DONE PARALLEL TO THE LENGTH OF THE BEAM. CHIPPING WILL NOT BE ALLOWED. ANY VISUAL IMPERFECTIONS SHALL BE REPAIRED BY WELDING AND GRINDING AS STATED ABOVE.
11) AFTER REMOVING BACKUP STRIPS AND EXTENSION BARS CLEAN AND PAINT THE SPLICE AREA IN ACCORDANCE WITH GEORGIA DOT SPECIFICATION SECTION 535.

MINIMUM PREHEAT AND INTERPASS TEMPERATURE

THICKNESS OF THICKEST PART AT POINT OF WELDING

	TEMPERATURE	
THICKNESS	ASTM A709 GRADE 36	ASTM A709 GRADE 50
ZERO TO ¾" INCLUSIVE	NONE	NONE
OVER ¾" TO 1½" INCLUSIVE	150° F	50° F
OVER 1½" TO 2½" INCLUSIVE	225° F	150° F
OVER 2½" TO 4" INCLUSIVE	300° F	225° F

BRIDGE NO. 3

Kimley»Horn

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ATLANTA BELTLINE

OPTIONAL BUTT JOINT DETAILS
ATLANTA BELTLINE SOUTHSIDE TRAIL
OVER HILL STREET
FULTON COUNTY 0009397 (SEGMENT 3)

DRAWING NO. 35–0007

BRIDGE SHEET 7 OF 15

DATE	REVISIONS	BY

SCALE: NO SCALE FEBRUARY 2021

DESIGNED LJS CHECKED NMC REVIEWED SKG
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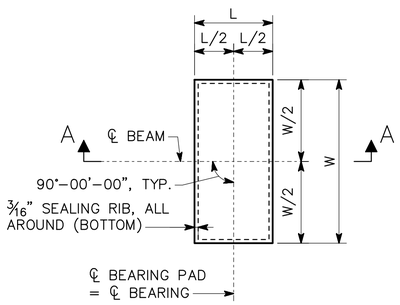
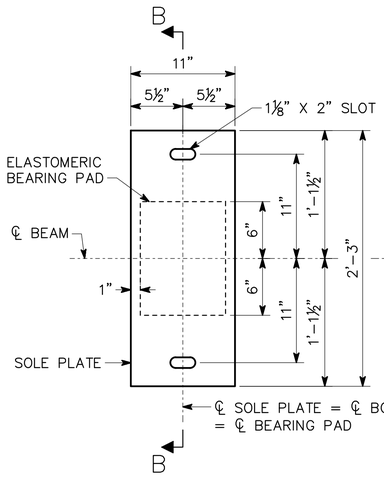
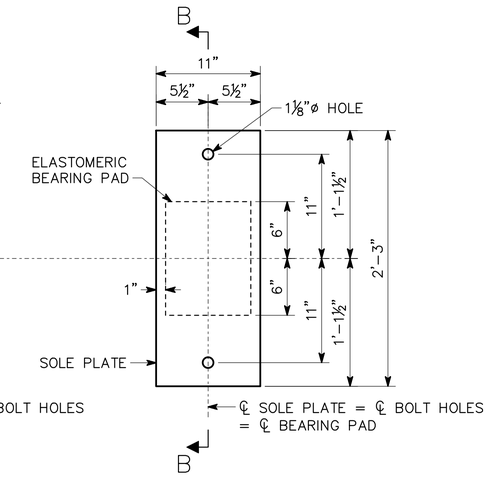


BEARING PAD



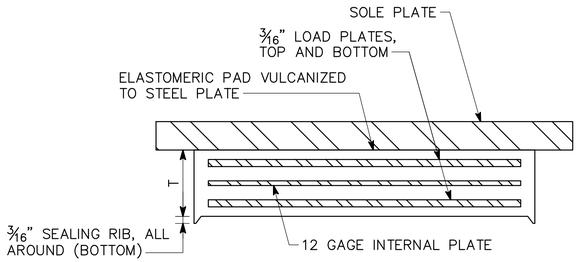
EXPANSION BEARING AT BENT 1



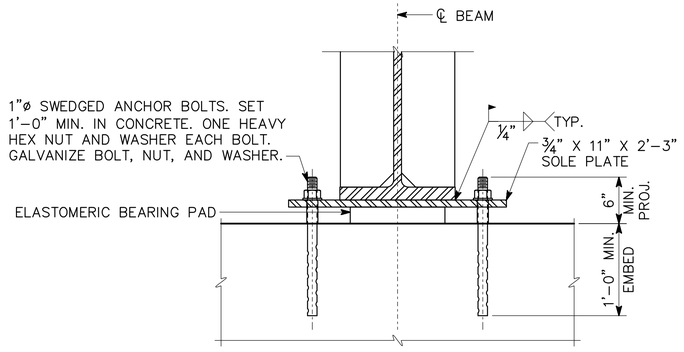
FIXED BEARING AT BENT 2

NOTES:

1. BEARING PADS HAVE BEEN DESIGNED ACCORDING TO AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 14.7.6 METHOD A AND SHALL BE FURNISHED IN ACCORDANCE WITH AASHTO LRFD BRIDGE CONSTRUCTION SPECIFICATIONS, SECTION 18, BEARING DEVICES.
2. BEARING PADS SHALL BE MADE OF 60 DUROMETER HARDNESS NEOPRENE, GRADE 2 OR HIGHER.
3. BEARING PADS SHALL HAVE ¼" COVER ON THE TOP, BOTTOM, AND SIDES.
4. ANCHOR BOLTS SHALL BE STAINLESS STEEL, ASTM A276 TYPE 304.
5. SOLE PLATES, SHIM PLATES, AND BASE PLATES SHALL BE ASTM A709 GRADE 36.
6. WHEN WELDING THE BEAM TO THE SOLE PLATE, USE TEMPERATURE INDICATING WAX PENS OR OTHER SUITABLE MEANS TO ENSURE THAT THE TEMPERATURE OF THE SOLE PLATE DOES NOT EXCEED 300°F. TEMPERATURES ABOVE THIS MAY DAMAGE THE ELASTOMER.
7. COST OF FURNISHING AND INSTALLING BEARING PADS SHALL BE INCLUDED IN THE OVERALL COST FOR STRUCTURAL STEEL.
8. 3/16" LOAD PLATES AND 12 GAGE INTERNAL PLATE(S) (IF REQUIRED) SHALL BE ASTM A709 GRADE 36 OR ASTM A1011 GRADE 36.
9. NUMBER OF INTERNAL PLATES SHOWN FOR ILLUSTRATION PURPOSES ONLY. THE NUMBER OF INTERNAL PLATES SHALL BE EQUALLY SPACED BETWEEN LOAD PLATES.
10. USE OF 1½° MOLD DRAFT IS OPTIONAL.
11. SOLE PLATES SHALL NOT BE PAINTED ON SURFACE IN CONTACT WITH ELASTOMERIC BEARING PAD.



SECTION A–A



SECTION B–B

BENT	BEARING PADS							
						SERVICE LOADS (KIPS)		
	W	L	T	NUMBER OF INTERNAL PLATES	DESIGN SHEAR DEFLECTION	DEAD LOAD	LIVE LOAD (NO IMPACT)	DEAD LOAD + LIVE LOAD
1	12"	9"	2¼"	2	½"	74	36	110
2	12"	9"	2¼"	2	0"	74	36	110

BRIDGE NO. 3

Kimley»Horn

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ATLANTA BELTLINE

BEARING DETAILS
ATLANTA BELTLINE SOUTHSIDE TRAIL
OVER HILL STREET
FULTON COUNTY 0009397 (SEGMENT 3)

DRAWING NO. 35–0008
BRIDGE SHEET 8 OF 15

REVISIONS | DATE | BY

SCALE: NO SCALE FEBRUARY 2021

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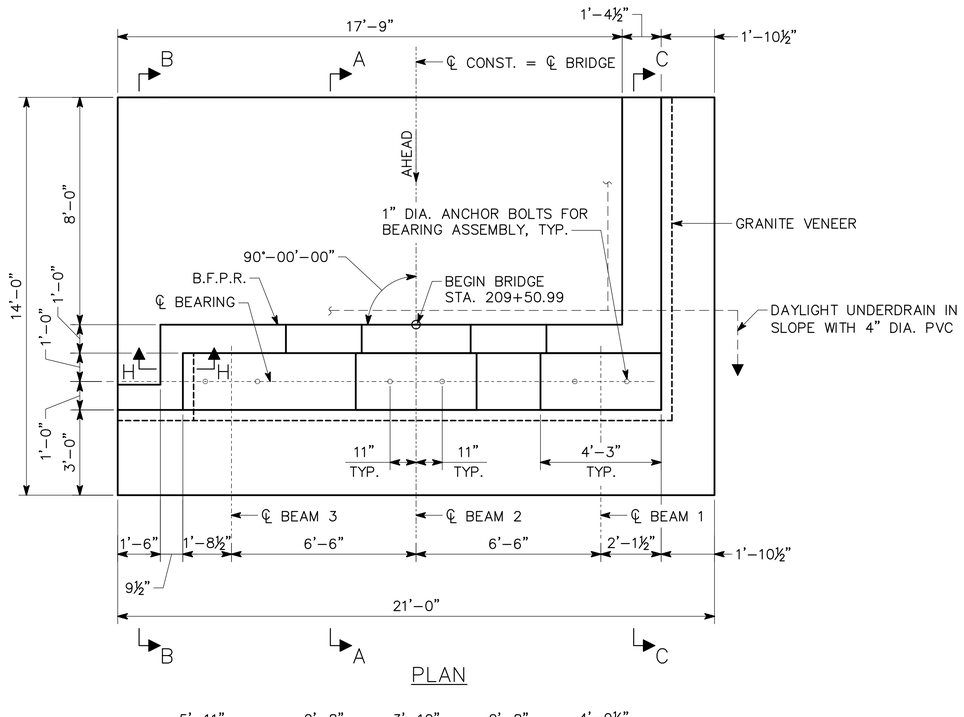
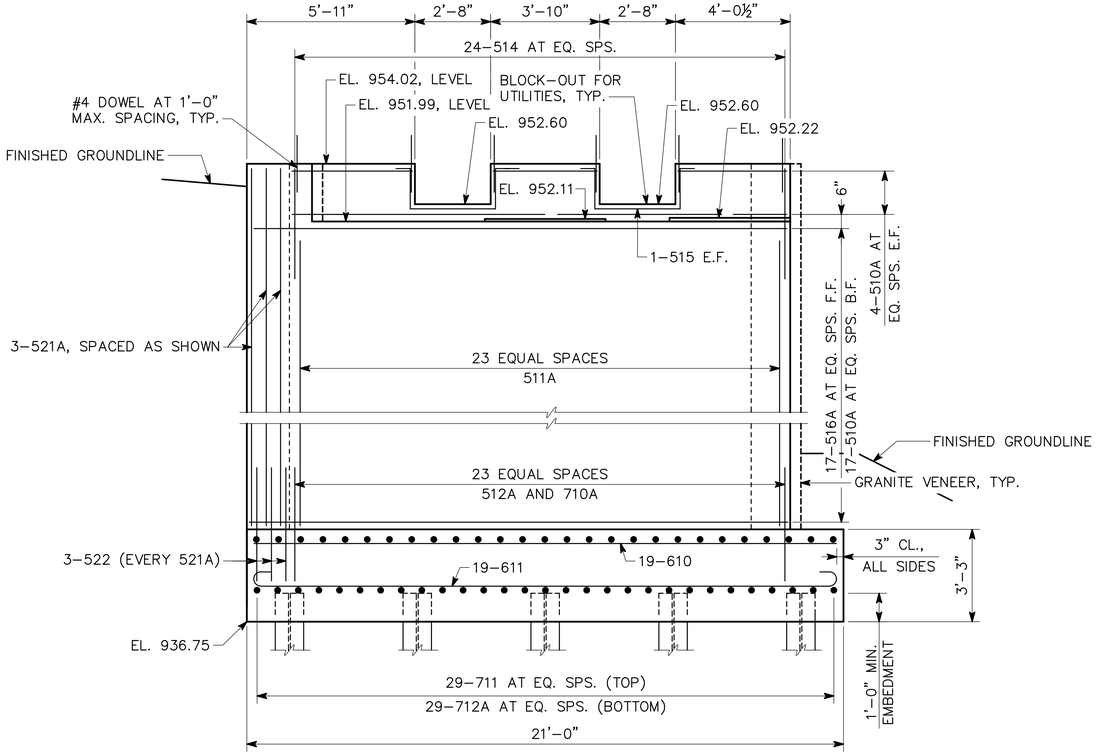
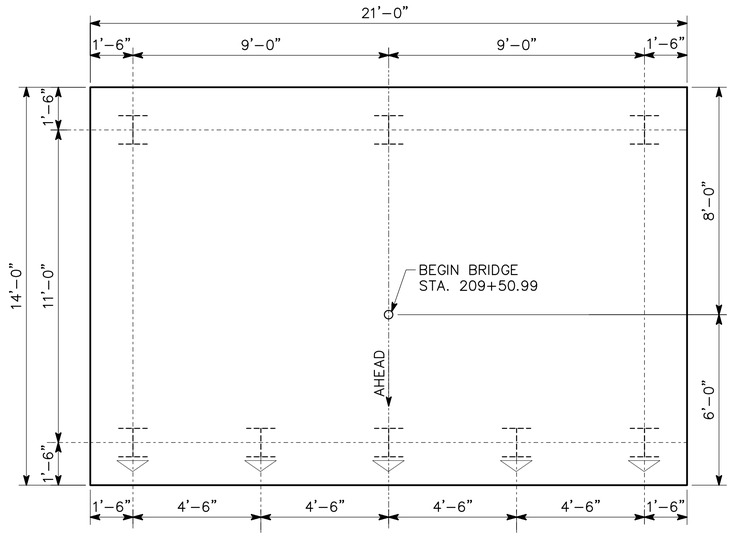


PLAN



ELEVATION
(LOOKING BACK)



PILE LAYOUT

▽ INDICATES DIRECTION OF 3:12 BATTER

SUBSTRUCTURE QUANTITIES	
ITEM	BENT 1
CY CLASS "A" CONCRETE	66.7
LB BAR REINF STEEL	6,332

NOTES:

1. POUR WINGWALLS MONOLITHICALLY WITH CAP.
2. TOP OF WINGWALLS TO BE LEVEL WITH ABUTMENT BACKWALL.
3. SUBSTRUCTURE QUANTITIES INCLUDE WINGWALL CONCRETE AND REINFORCING.
4. FIELD CUT APPROPRIATE BARS TO AVOID BLOCK-OUT IN BACKWALL.
5. FOR GRANITE VENEER DETAILS, SEE 38-SERIES SPECIAL CONSTRUCTION DETAILS.

PILES ARE DESIGNED FOR A MAXIMUM FACTORED AXIAL LOAD OF 190 KIPS.

ALL PILES SHALL BE STEEL H, HP 14 X 102.

PILE DRIVING OBJECTIVE

ALL PILES SHALL BE DRIVEN TO A DRIVING RESISTANCE OF 658 KIPS AFTER A MINIMUM TIP ELEVATION OF 879 AT BENT 1 IS ACHIEVED.

BRIDGE NO. 3

Kimley»Horn

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ATLANTA BELTLINE

BENT 1 (1 of 2)
ATLANTA BELTLINE SOUTHSIDE TRAIL
OVER HILL STREET
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: ⅜"=1'-0", UNLESS OTHERWISE NOTED FEBRUARY 2021

DESIGNED JWM CHECKED NMC REVIEWED SKG
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DRAWING NO. 35-0009
BRIDGE SHEET 9 OF 15

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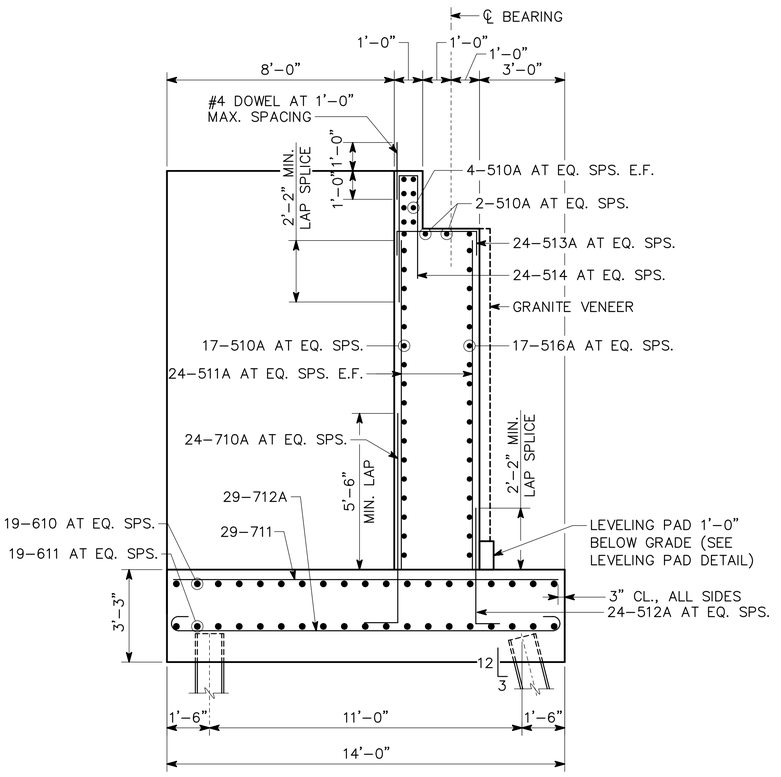
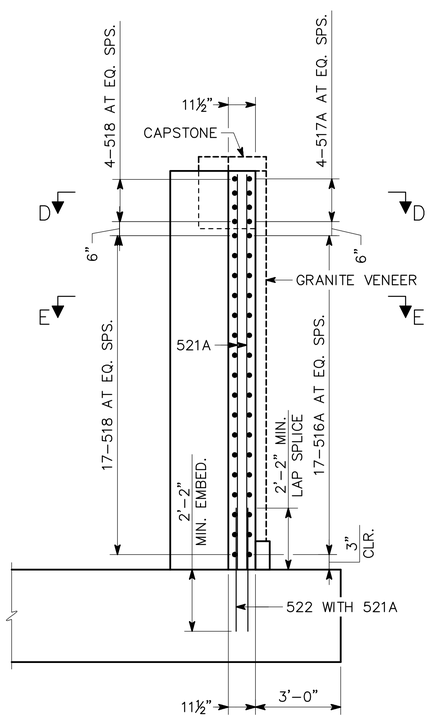


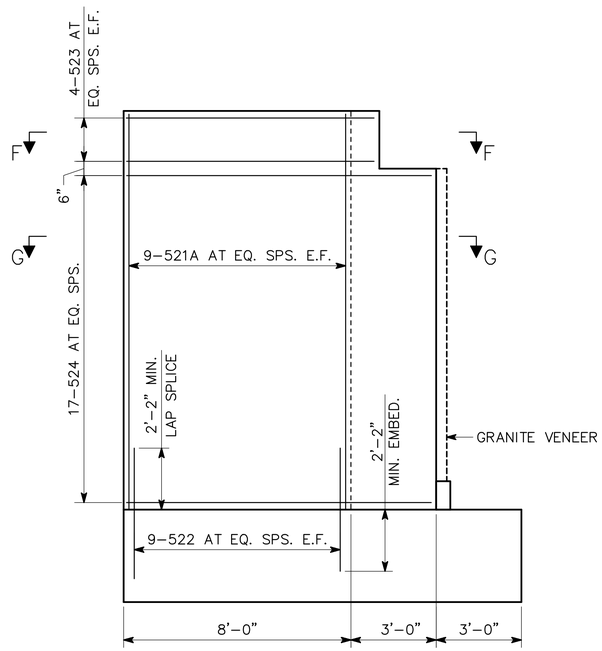
WINGWALL REINFORCEMENT NOT SHOWN

SECTION A-A



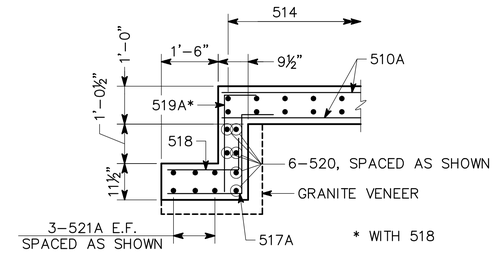
STEM & FOOTING REINFORCEMENT NOT SHOWN
PILES NOT SHOWN

SECTION B-B

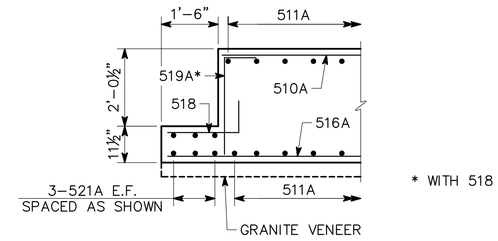


STEM & FOOTING REINFORCEMENT NOT SHOWN
PILES NOT SHOWN

SECTION C-C



SECTION D-D
SCALE: ½" = 1'-0"



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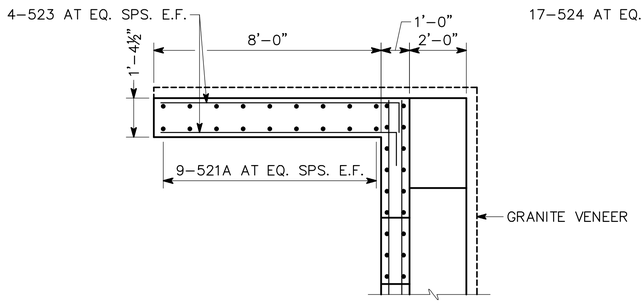
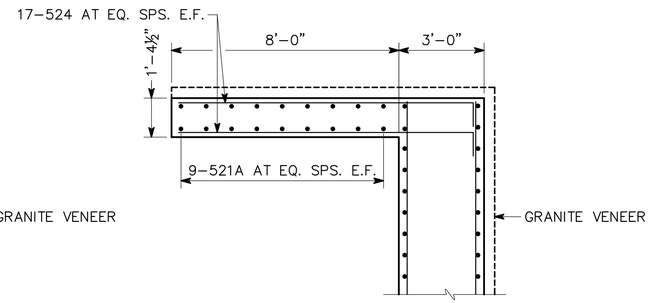
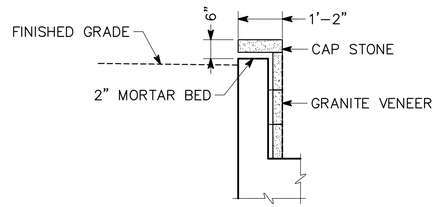


SECTION F-F



SECTION G-G



SECTION H-H
SCALE: ½" = 1'-0"

BRIDGE NO. 3

Kimley»Horn

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THE BILTMORE, SUITE 601
ATLANTA, GEORGIA 30308
PHONE (404) 419-8700

ATLANTA BELTLINE

BENT 1 (2 OF 2)
ATLANTA BELTLINE SOUTHSIDE TRAIL
OVER HILL STREET
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: ⅜"=1'-0", UNLESS OTHERWISE NOTED FEBRUARY 2021

DESIGNED JWM CHECKED NMC REVIEWED SKG
DRAWN JWM DESIGN GROUP APPROVED DPD

DRAWING NO. 35-0010
BRIDGE SHEET 10 OF 15

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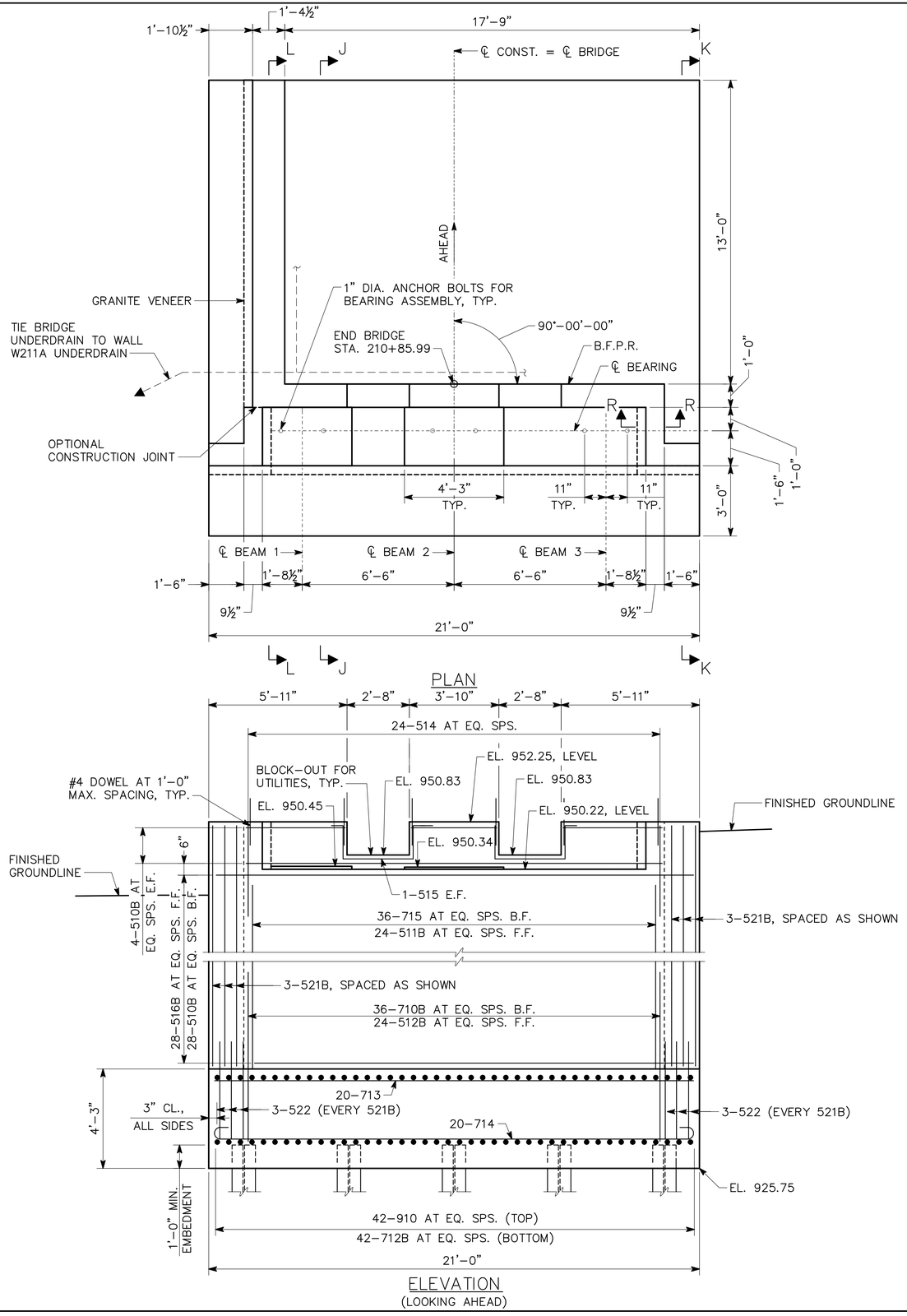

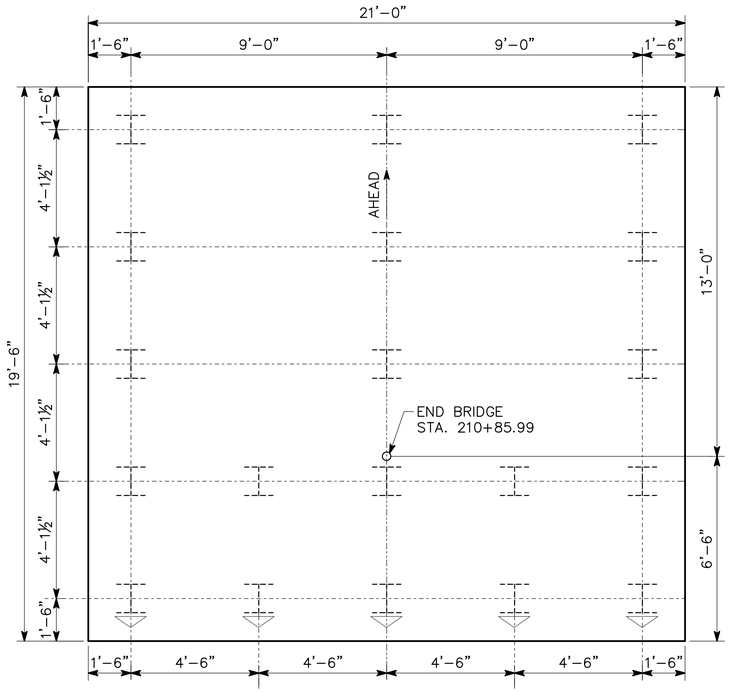

PILE LAYOUT

▽ INDICATES DIRECTION OF 3:12 BATTER

SUBSTRUCTURE QUANTITIES	
ITEM	BENT 2
CY CLASS "A" CONCRETE	130.3
LB BAR REINF STEEL	16,089

NOTES:

1. POUR WINGWALLS MONOLITHICALLY WITH CAP.
2. TOP OF WINGWALLS TO BE LEVEL WITH ABUTMENT BACKWALL.
3. SUBSTRUCTURE QUANTITIES INCLUDE WINGWALL CONCRETE AND REINFORCING.
4. FIELD CUT APPROPRIATE BARS TO AVOID BLOCK-OUT IN BACKWALL.
5. FOR GRANITE VENEER DETAILS, SEE 38-SERIES SPECIAL CONSTRUCTION DETAILS.

PILES ARE DESIGNED FOR A MAXIMUM FACTORED AXIAL LOAD OF 190 KIPS.

ALL PILES SHALL BE STEEL H, HP 14 X 102.

PILE DRIVING OBJECTIVE

ALL PILES SHALL BE DRIVEN TO A DRIVING RESISTANCE OF 470 KIPS AFTER A MINIMUM TIP ELEVATION OF 875 AT BENT 2 IS ACHIEVED.

P.I. NO. 0009397

BRIDGE NO. 3

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ATLANTA, GEORGIA 30308
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ATLANTA BELTLINE

BENT 2 (1 of 2)
ATLANTA BELTLINE SOUTHSIDE TRAIL
OVER HILL STREET
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: ⅜"=1'-0", UNLESS OTHERWISE NOTED FEBRUARY 2021

DESIGNED JWM CHECKED NMC REVIEWED SKG
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DRAWING NO. 35-0011
BRIDGE SHEET 11 OF 15

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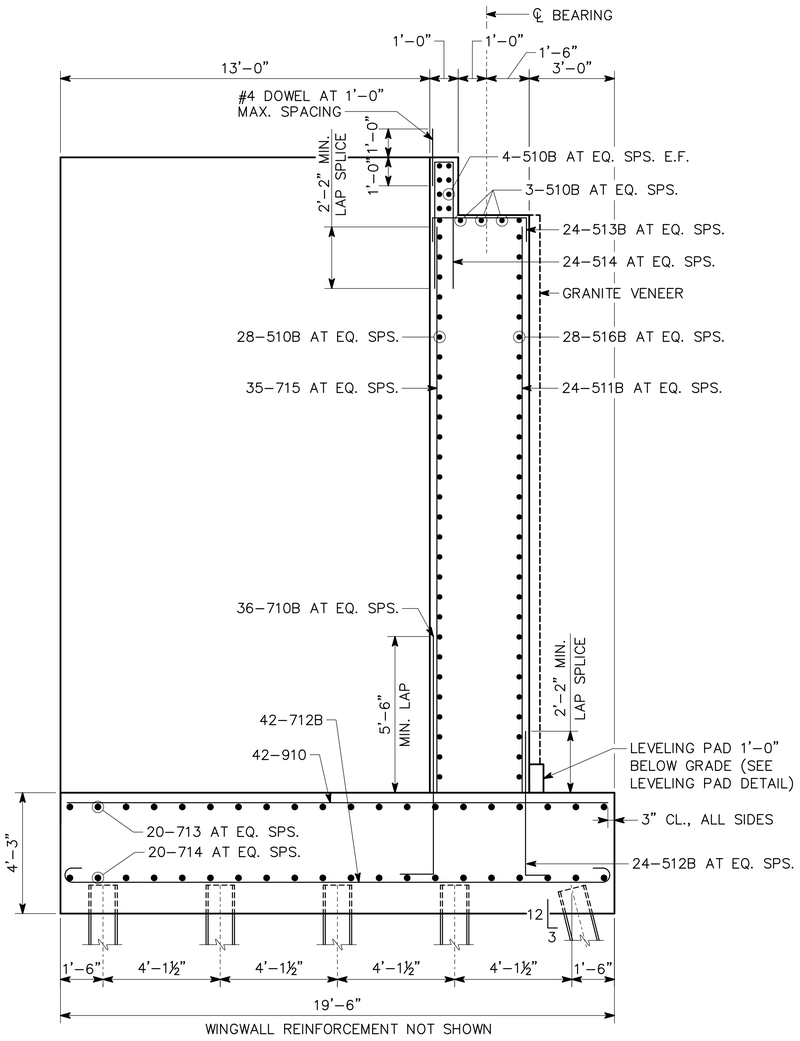
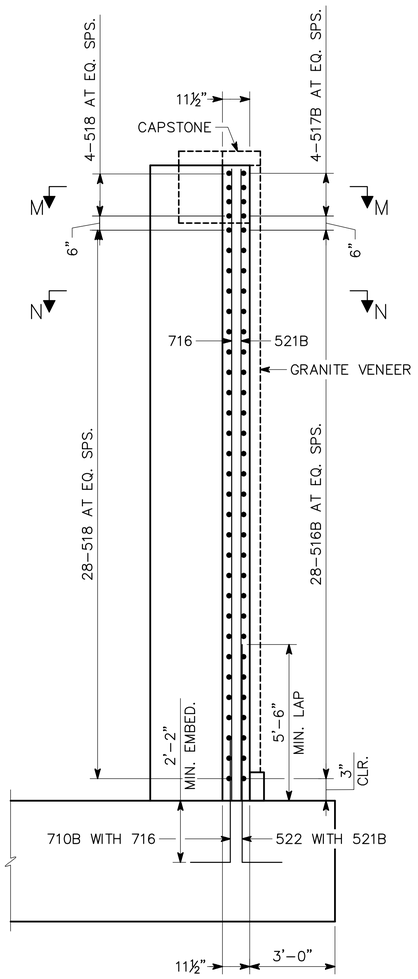
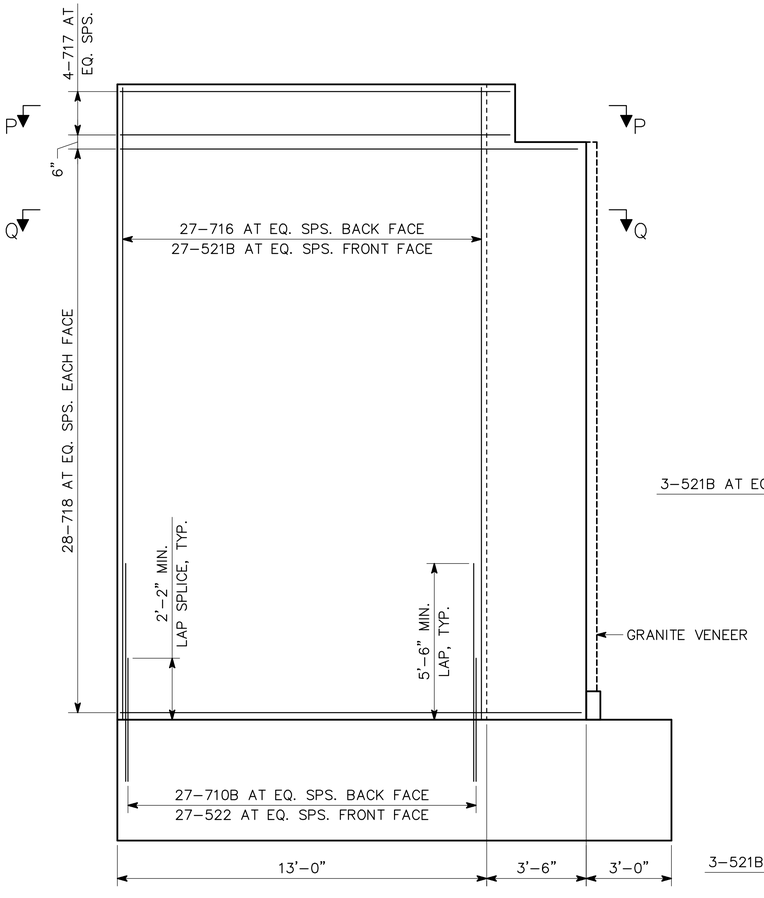


SECTION J–J



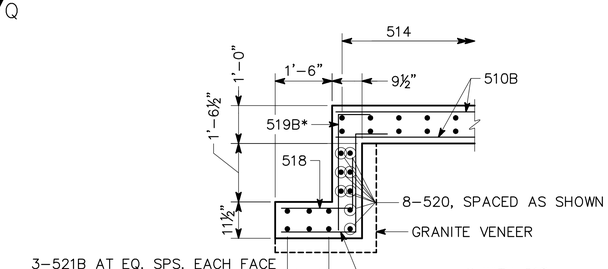
STEM & FOOTING REINFORCEMENT NOT SHOWN
PILES NOT SHOWN

SECTION K–K



STEM & FOOTING REINFORCEMENT NOT SHOWN
PILES NOT SHOWN

SECTION L–L



SECTION M–M
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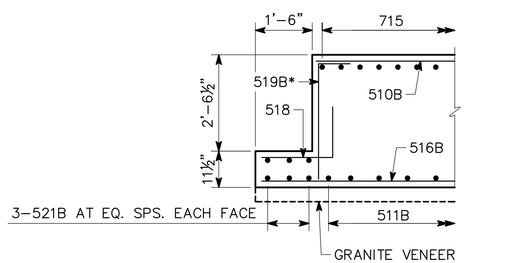

SECTION N–N
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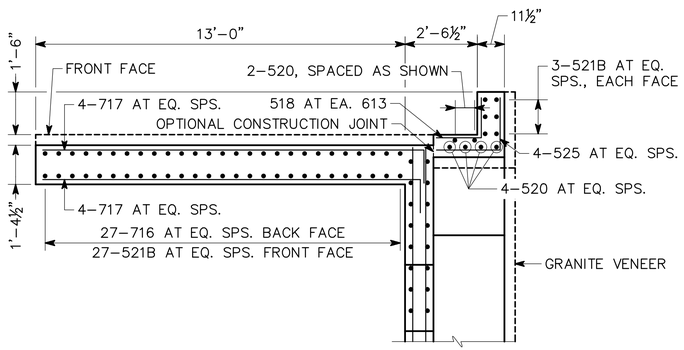

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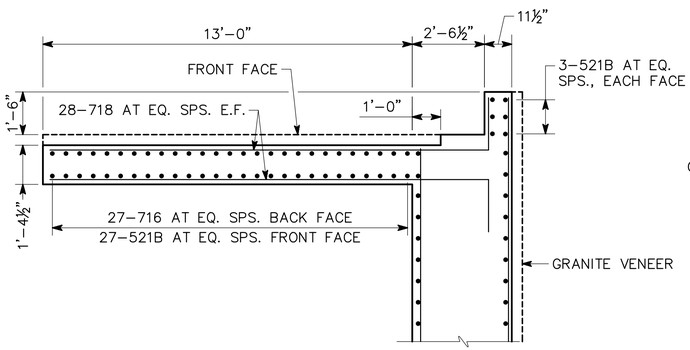

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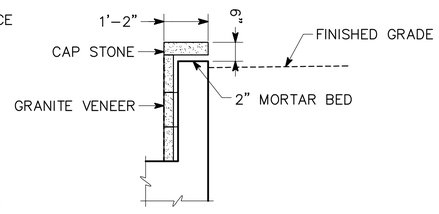

SECTION R–R
SCALE: ½" = 1'–0"

BRIDGE NO. 3

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PHONE (404) 419–8700

ATLANTA BELTLINE

BENT 2 (2 OF 2)
ATLANTA BELTLINE SOUTHSIDE TRAIL
OVER HILL STREET
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: ⅜"=1'–0", UNLESS OTHERWISE NOTED FEBRUARY 2021

DESIGNED JWM CHECKED NMC REVIEWED SKG
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DRAWING NO. 35–0012
BRIDGE SHEET 12 OF 15

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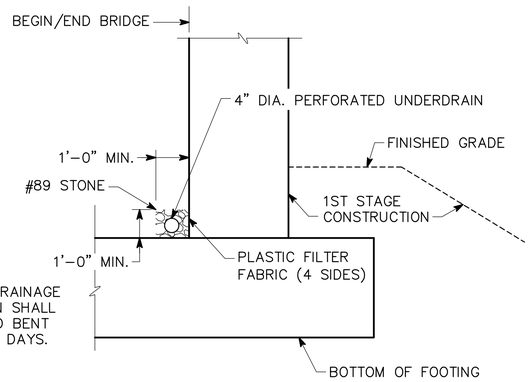
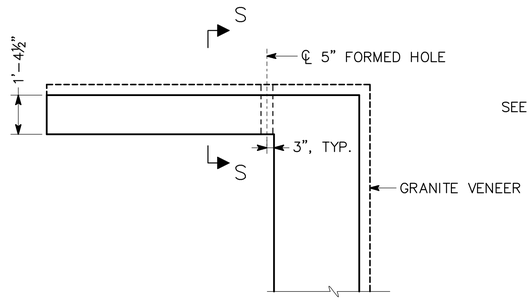
3RD STAGE CONSTRUCTION
REMAINING BACKFILL SHALL BE PLACED AS SOON AS BACKWALL HAS ATTAINED AN AGE OF 7 DAYS, BACKFILL SHALL MEET OR EXCEED THE REQUIREMENTS FOR CLASS 3-A SOILS, SEC. 810, EXCEPT SUCH MATERIALS WILL BE ACCEPTABLE, IF THEY MEET A MAXIMUM DRY DENSITY REQUIREMENT OF NOT LESS THAN 95 LBS PER CUBIC FOOT. BACKFILL SHALL BE COMPACTED TO 100% OF LABORATORY DENSITY AS DETERMINED BY G.H.D. TEXT METHOD NO. 7.



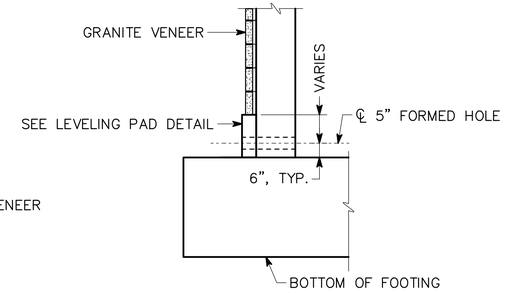
2ND STAGE CONSTRUCTION
FILTER FABRIC, #89 STONE DRAINAGE AGGREGATE AND UNDERDRAIN SHALL BE PLACED AS SOON AS END BENT HAS ATTAINED AN AGE OF 7 DAYS.

PILES NOT SHOWN
VENEER NOT SHOWN

FILL DETAIL
NO SCALE



PLAN

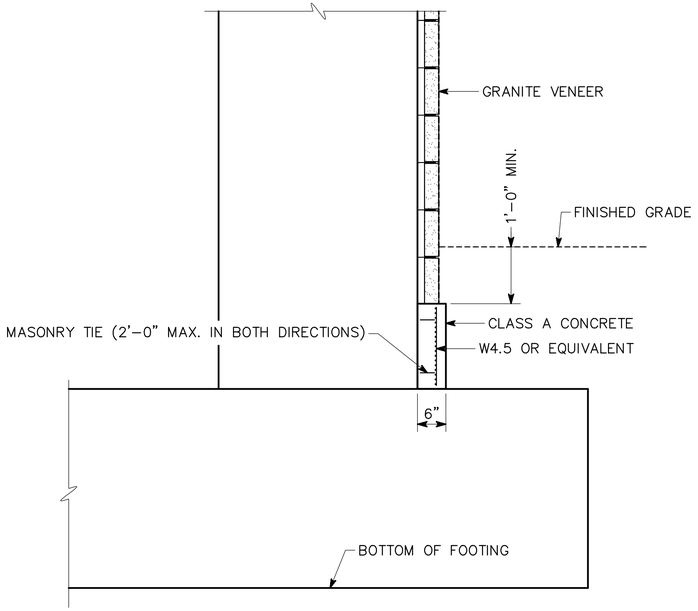


SECTION S-S

WINGWALL DRAINAGE DETAIL

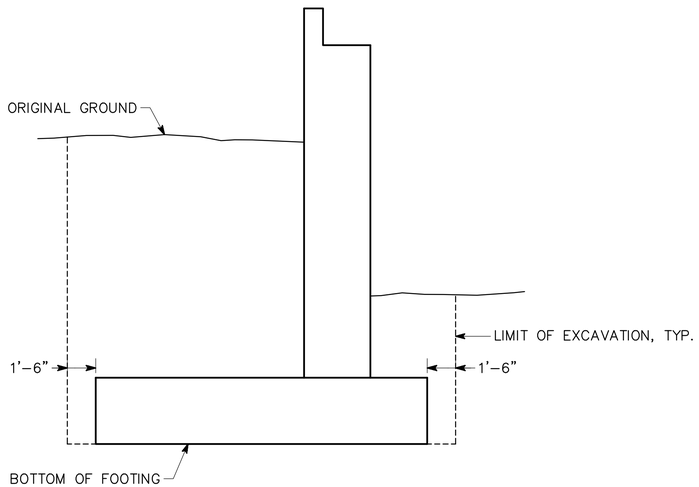
NOTES:

1. PERFORATED UNDERDRAIN SHALL EXTEND TO THE INSIDE FACE OF WING OR EDGE OF END BENT STEM.
2. AT THE OPPOSITE END OF THE BENT STEM CONNECT PERFORATED UNDERDRAIN TO A COMPATIBLE SOLID PIPE FROM THE INSIDE FACE OF WING UNTIL IT EXITS THE SLOPE OR TIES TO DRAINAGE STRUCTURE AS SHOWN IN PLANS. SOLID PIPE SHALL HAVE A MINIMUM SLOPE OF 2%.
3. PERFORATED UNDERDRAIN SHALL BE INSTALLED PARALLEL TO TOP OF FOOTING. LOW POINTS OR SAGS THAT MAY TRAP WATER WILL NOT BE ALLOWED.
4. FILTER FABRIC SHALL NOT BE ATTACHED TO THE END BENT.
5. COST FOR PROVIDING AND INSTALLING FILTER FABRIC, UNDERDRAIN, AND STONE SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.
6. WHERE FILL IS PLACED BEFORE CONSTRUCTION OF STRUCTURES THE COST OF EXCAVATION AND BACKFILL WILL BE INCLUDED IN THE COST OF OTHER ITEMS. THERE WILL BE NO PAYMENT FOR EXCAVATION UNDER THIS CONDITION.
7. COST OF LEVELING PAD FOR GRANITE VENEER TO BE INCLUDED IN THE PRICE BID FOR THE PAY ITEM 999-9000 GRANITE FACING.



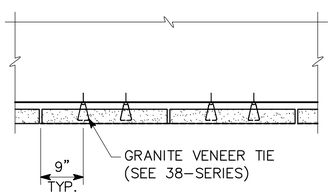
PILES NOT SHOWN

LEVELING PAD DETAIL
SCALE: ¾" = 1'-0"



PILES NOT SHOWN
VENEER NOT SHOWN

EXCAVATION DETAIL
NO SCALE



GRANITE VENEER TIE DETAIL
NO SCALE

BRIDGE NO. 3

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ATLANTA BELTLINE

SUBSTRUCTURE DETAILS
ATLANTA BELTLINE SOUTHSIDE TRAIL
OVER HILL STREET
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: ⅜"=1'-0", UNLESS OTHERWISE NOTED FEBRUARY 2021

DESIGNED ASG CHECKED NMC REVIEWED SKG
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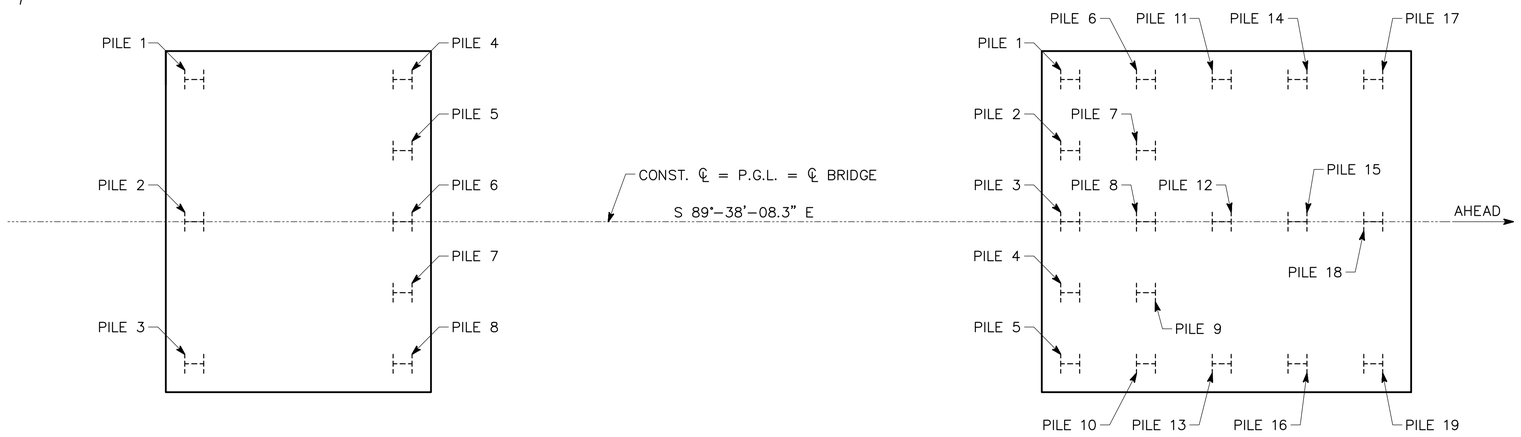
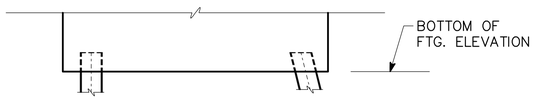


BENT 1 PLAN

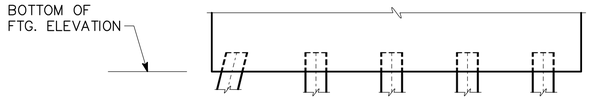
BENT 2 PLAN

AS BUILT FOUNDATION INFORMATION

BENT	PILE LOCATION	PILE TIP ELEVATION	BOTTOM OF FTG. ELEVATION
1	PILE 1		
	PILE 2		
	PILE 3		
	PILE 4		
	PILE 5		
	PILE 6		
	PILE 7		
	PILE 8		
2	PILE 1		
	PILE 2		
	PILE 3		
	PILE 4		
	PILE 5		
	PILE 6		
	PILE 7		
	PILE 8		
	PILE 9		
	PILE 10		
	PILE 11		
	PILE 12		
	PILE 13		
	PILE 14		
	PILE 15		
	PILE 16		
	PILE 17		
	PILE 18		
	PILE 19		



BENT 1 ELEVATION



BENT 2 ELEVATION

NOTE:

THIS "AS-BUILT FOUNDATION INFORMATION" SHEET SHALL BE FILLED IN BY THE PROJECT ENGINEER AND THE COMPLETED *.PDF FORWARDED TO BRIDGEOFFICE@DOT.GA.GOV AFTER INSTALLATION OF ALL PILES FOR POSTING TO THE PLANS AS A PERMANENT RECORD OF THE BRIDGE CONSTRUCTION.

PROJECT ENGINEER _____ DATE _____

(AREA CODE) TELEPHONE NUMBER _____

BRIDGE NO. 3

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ATLANTA, GEORGIA 30308
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ATLANTA BELTLINE

AS-BUILT FOUNDATION INFORMATION
ATLANTA BELTLINE SOUTHSIDE TRAIL
OVER HILL STREET
FULTON COUNTY 0009397 (SEGMENT 3)

SCALE: NO SCALE FEBRUARY 2021

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BRIDGE SHEET 14 OF 15

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LOCATION	NO. OF LOC.	MARK	LENGTH FT.	LENGTH IN.	NO. BARS REQ'D.	TYPE	AG		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
APPROACH SLAB 1	1																									
BEGIN BRIDGE		405	5	5	48	25	4	4	0	8	1	8														
		406	5	1	10	25	4	4	0	8	1	6														
		502A	10	4	11	10	3	3	8	8																
		503A	8	8	22	1																				
		504	15	8	18	1																				
		505A	8	8	8	1																				
		506	17	3	4	1																				
		507	3	0	40	4			0	8	2	4													41	
		600	17	3	14	1																				
APPROACH SLAB 2	1																									
END BRIDGE		405	5	5	53	25	4	4	0	8	1	8														
		406	5	1	15	25	4	4	0	8	1	6														
		502B	15	4	11	10	3	3	13	8																
		503B	13	8	22	1																				
		504	15	8	26	1																				
		505B	13	8	8	1																				
		506	17	3	4	1																				
		507	3	0	50	4			0	8	2	4													41	
		600	17	3	22	1																				
SPAN 1	1																									
		300	3	0	56	1																				
		301	4	7	112	29			2	0	0	2	2	0												
		302	6	10	2	6			1	0	2	11	0	0	2	11									60	60
		303	3	6	4	25	4	4	1	0	0	5														
		400A	60	0	82	1																				
		400B	16	8	41	1																				
		401	18	8	232	2			17	8	0	6	0	6												
		402	17	8	232	1																				
		403	5	5	4	2			0	5	2	6	2	6												
		404	5	4	2	29			2	3	0	3	2	3												
		407	3	8	28	40			0	10	0	10	1	0	0	6	0	6								
		500	12	7	4	1																				
		501	6	1	8	1																				

LOCATION	NO. OF LOC.	MARK	LENGTH FT.	LENGTH IN.	NO. BARS REQ'D.	TYPE	AG		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 1	1																									
		510A	17	3	27	1																				
		511A	11	7	48	1																				
		512A	5	2	24	9	3		4	4																
		513A	4	4	24	10	3	3	2	8																
		514	9	2	24	32	6	6	0	8	4	3	4	3												
		515	6	6	2	30	4	4	3	0	1	3	1	3												
		516A	18	9	17	1																				
		517A	4	10	4	41	3		2	1	1	11														
		518	2	9	21	9	3		1	11																
		519A	3	4	21	9	3		2	6																
		520	4	3	6	1																				
		521A	13	10	24	1																				
		522	4	4	24	1																				
		523	9	4	8	9	3		8	6																
		524	11	4	34	9	3		10	6																
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		710A	8	10	24	9	3		7	8																
		711	13	6	29	1																				
		712A	15	2	29	10	1	1	13	6																
BENT 2	1																									
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		520	4	3	14	1																				
		521B	22	1	39	1																				
		522	4	4	27	1																				
		525	4	1	4	3			2	2	1	11														
		710B	9	10	69	9	3		8	8																
		712B	20	8	42	10	1	1	19	0																
		713	20	6	20	1																				
		714	22	2	20	10	1	1	20	6																
		715	19	10	36	1																				
		716	22	1	27	1																				
		717	14	8	8	9	3		13	6																
		718	16	8	56	9	3		15	6																
		910	19	0	42	1																				

P.I. NO.
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BRIDGE NO. 3

Kimley»Horn

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ATLANTA, GEORGIA 30308
PHONE (404) 419-8700

DATE
REVISIONS
BY

ATLANTA BELTLINE

BAR REINFORCEMENT DETAILS
ATLANTA BELTLINE SOUTHSIDE TRAIL
OVER HILL STREET
FULTON COUNTY 0009397 (SEGMENT 3)

DRAWING NO. 35-0015
BRIDGE SHEET 15 OF 15

SCALE: NO SCALE
FEBRUARY 2021

DESIGNED ASG CHECKED NMC REVIEWED SKG
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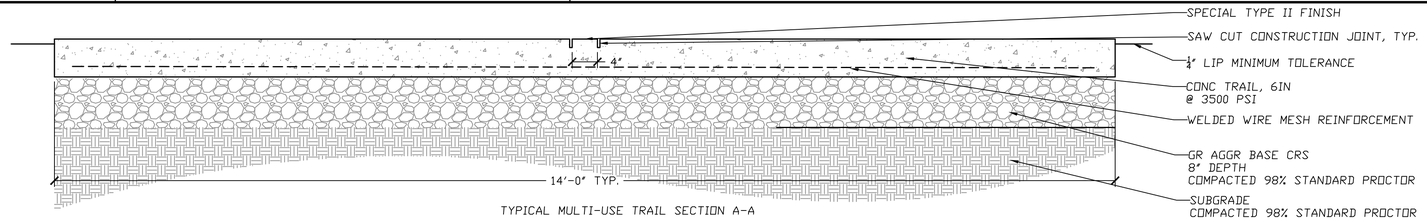
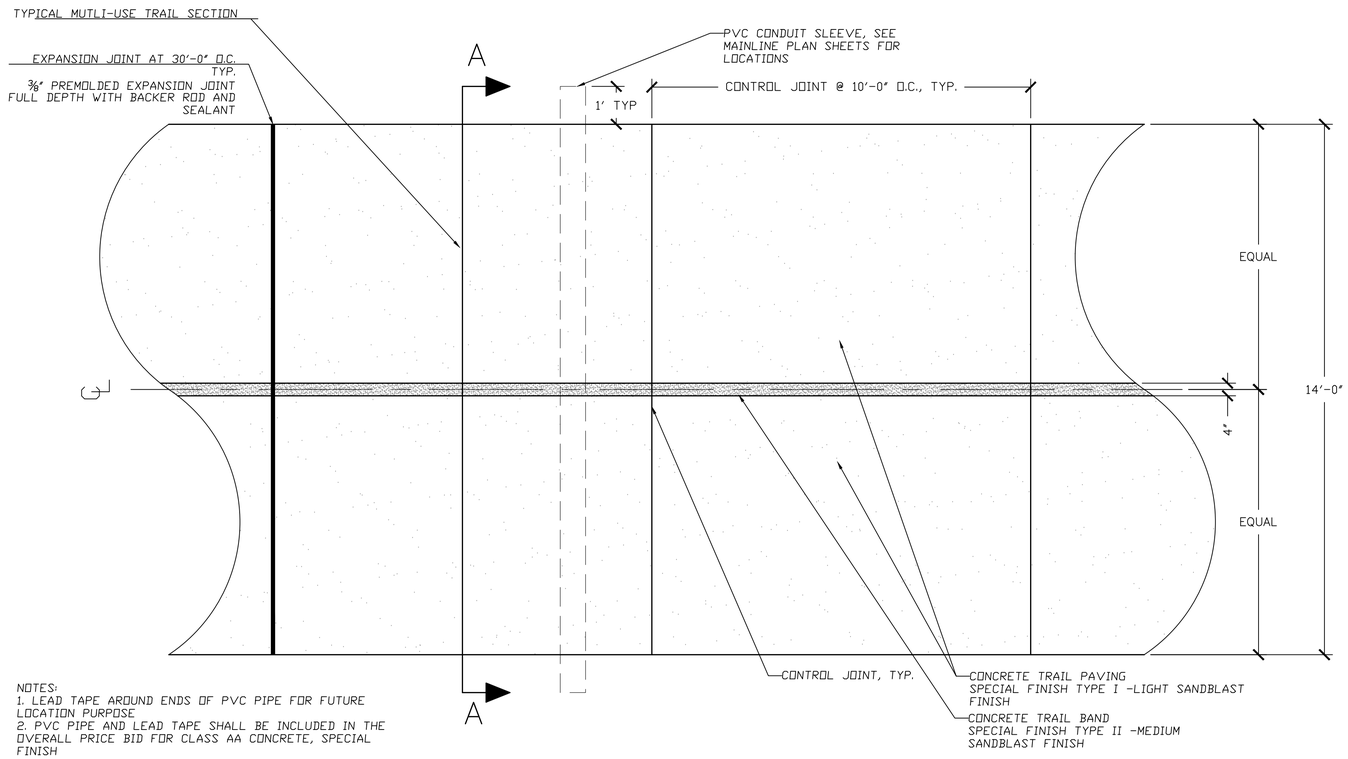
DATE: Feb 01, 2021 TIME: 5:33pm
USER: kelley.glynn

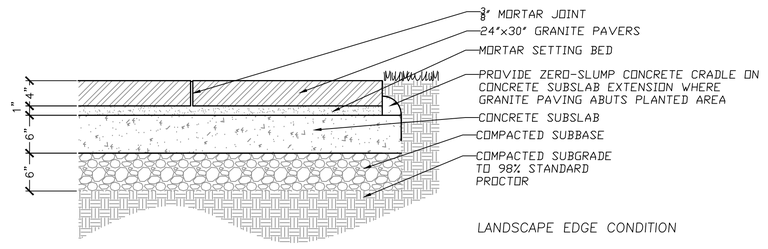


TYPICAL MULTI-USE TRAIL SECTION A-A

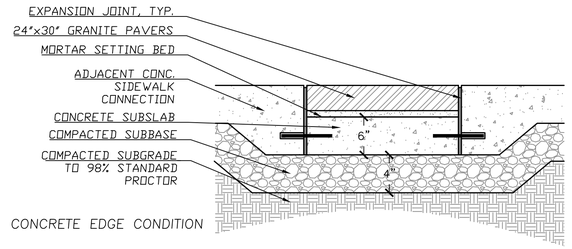


NOTES:
1. LEAD TAPE AROUND ENDS OF PVC PIPE FOR FUTURE LOCATION PURPOSE
2. PVC PIPE AND LEAD TAPE SHALL BE INCLUDED IN THE OVERALL PRICE BID FOR CLASS AA CONCRETE, SPECIAL FINISH

1 MAIN LINE TRAIL PLAN AND SECTION
1/2" = 1' SCALE

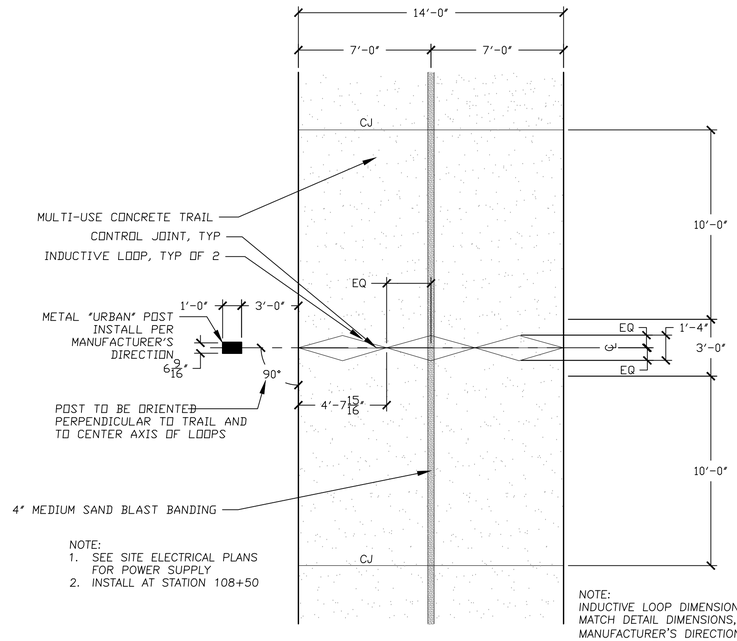


LANDSCAPE EDGE CONDITION



CONCRETE EDGE CONDITION

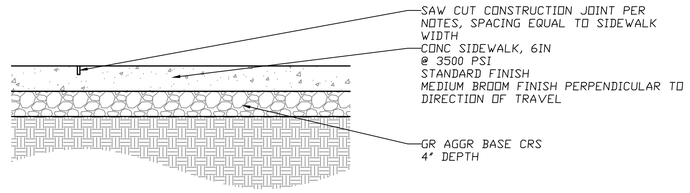
3 GRANITE BANDING
1" = 1' SCALE

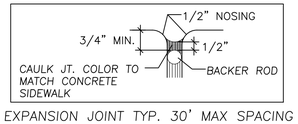


NOTE:
1. SEE SITE ELECTRICAL PLANS FOR POWER SUPPLY
2. INSTALL AT STATION 108+50

NOTE:
INDUCTIVE LOOP DIMENSIONS TO EXACTLY MATCH DETAIL DIMENSIONS, PER MANUFACTURER'S DIRECTION

2 ECO-COUNTER DETAIL
1/4" = 1' SCALE





EXPANSION JOINT TYP. 30' MAX SPACING

NOTES:
1. CAULK JOINT WITH LITHOSEAL (COLOR TO MATCH CONCRETE COLOR).
2. DEPTH OF THE SAWCUT CONTRACTION JOINT SHALL BE 1/4" WHEN OUT WITHIN 6 HOURS OF POUR. IF SAWCUTTING OCCURS AFTER 6 HOURS OF POUR, THE DEPTH THE CONTRACTION JOINT SHALL BE 1/3 THE THICKNESS OF CONCRETE

4 CONCRETE SIDEWALK
1" = 1' SCALE

ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
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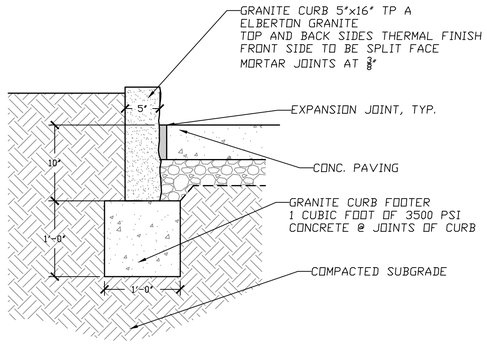
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

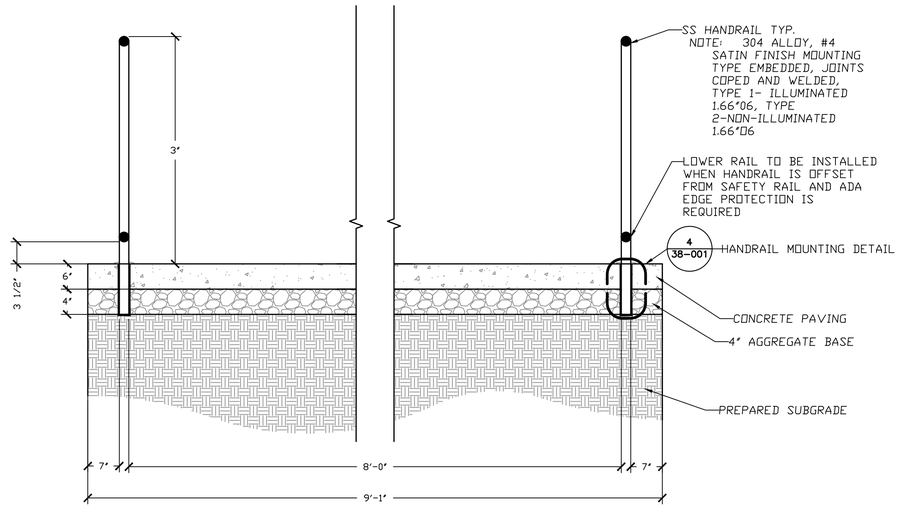
REVISION DATES

SPECIAL CONSTRUCTION DETAIL
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

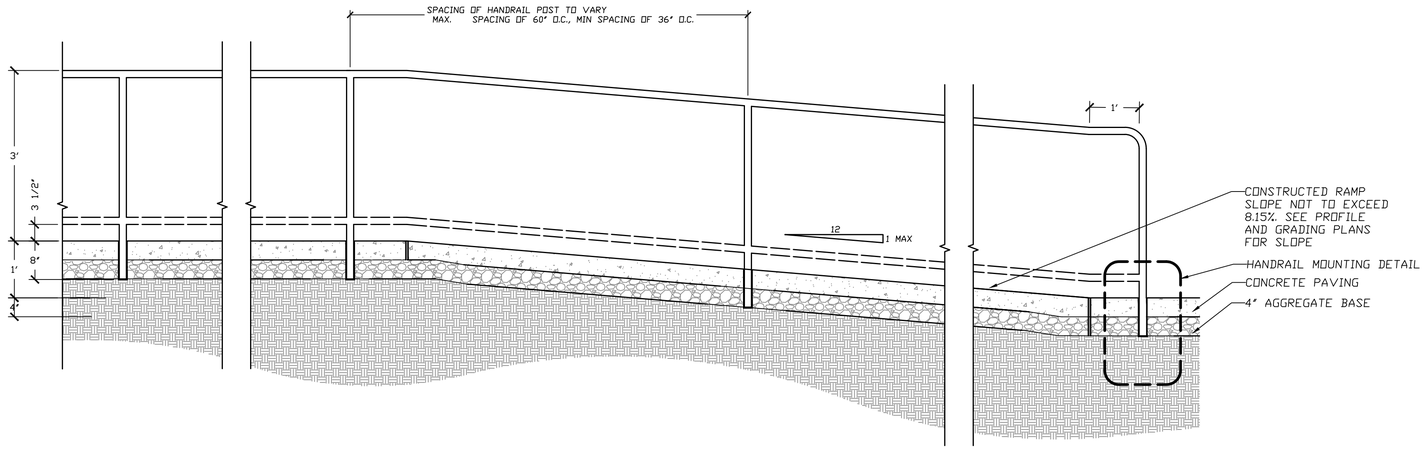
CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		38-000
CORRECTED:		DATE:		
VERIFIED:		DATE:		



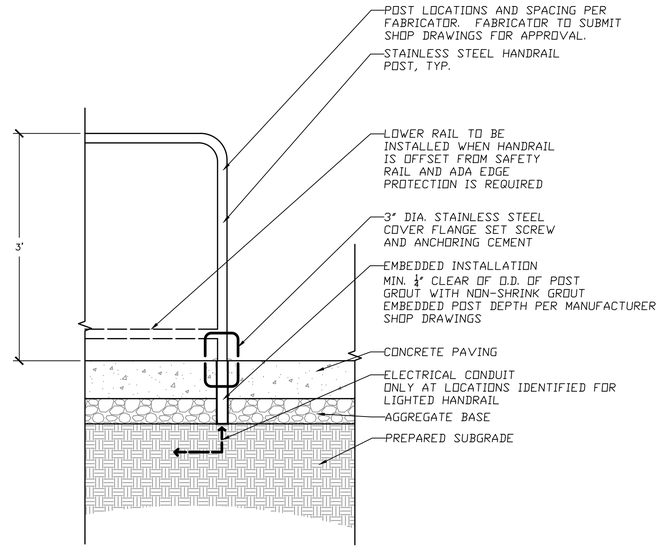
1 GRANITE CURB
1" = 1' SCALE



2 HANDRAIL SECTION
1" = 1' SCALE



3 RAMP AND LANDING DETAIL
3/4" = 1' SCALE



4 HANDRAIL MOUNTING
1" = 1' SCALE

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ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

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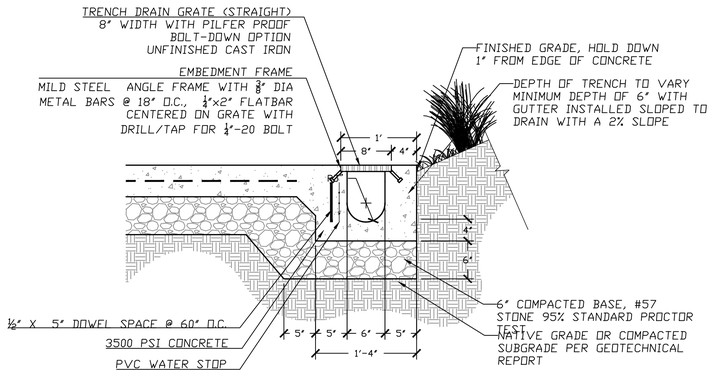
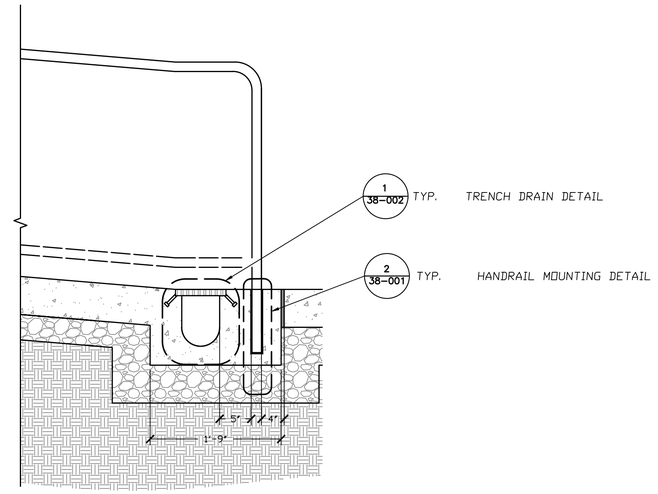
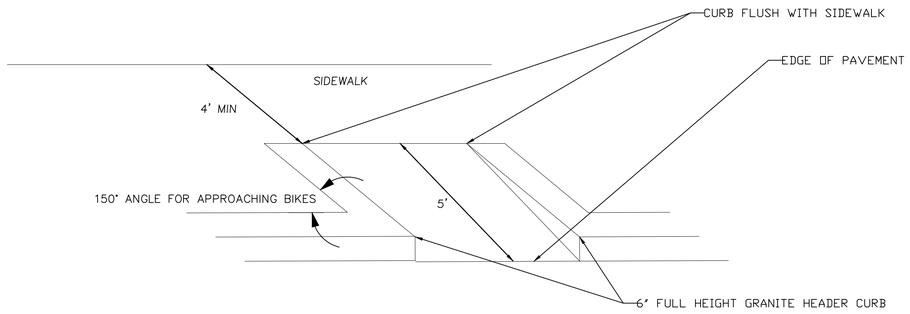
VERIFIED:		DATE:		



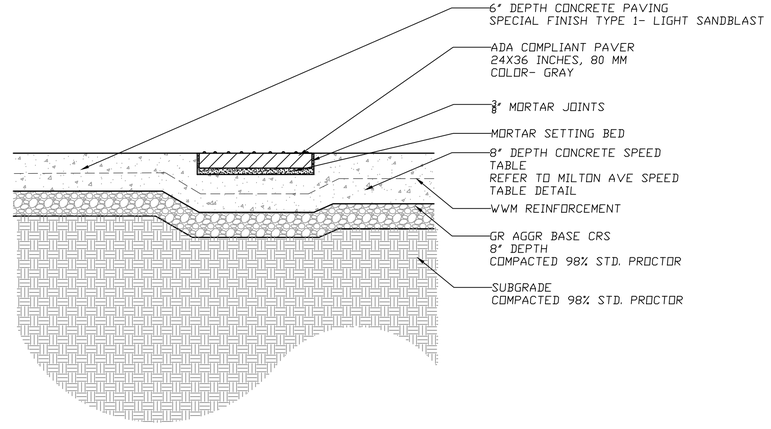
NOTES:
1. TRENCH GRATE COMPONENTS (GRATE, FRAME & ANCHOR STUD) SHALL BE SIZED ACCORDINGLY FOR A 8" GRATE WITH TAMPER PROOF HARDWARE
2. INSTALL TRENCH DRAIN COMPONENTS PER MANUFACTURER'S SPECIFICATIONS
3. INSTALL WATER STOP PER MANUFACTURER'S SPECIFICATIONS
4. SUBMIT SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR APPROVAL



1 TRENCH DRAIN - STRAIGHT
1" = 1' SCALE



2 TRENCH DRAIN / HANDRAIL MOUNTING
1" = 1' SCALE



3 BICYCLE CURB CUT
NOT TO SCALE

4 TRUNCATED DETECTABLE WARNING PAVERS
1" = 1' SCALE

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REVISION DATES

SPECIAL CONSTRUCTION DETAIL
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

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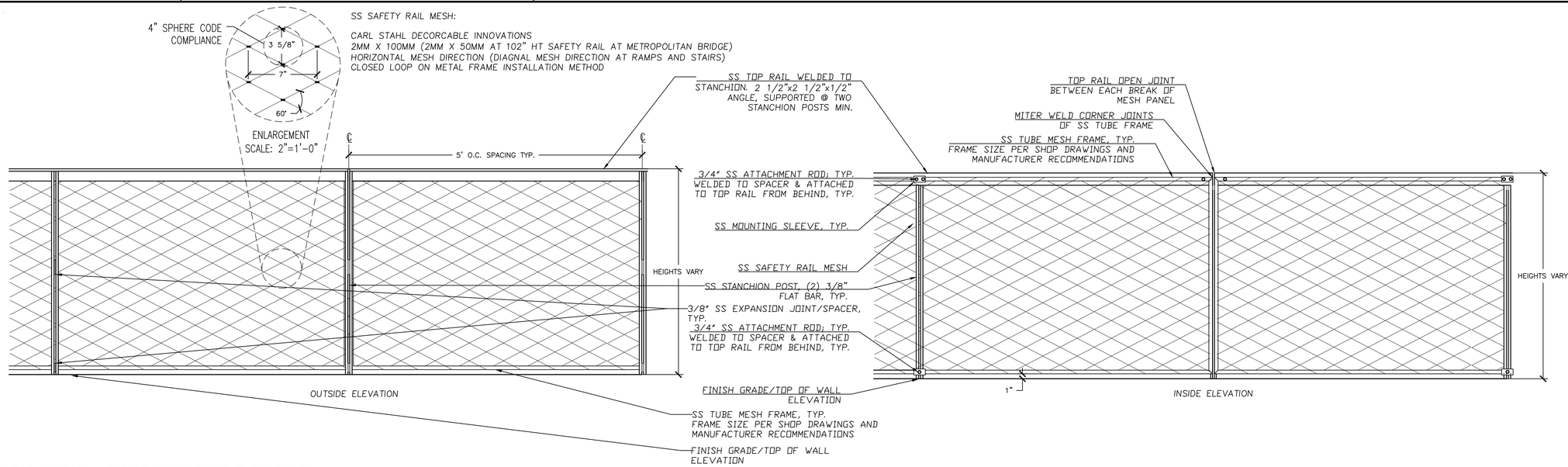
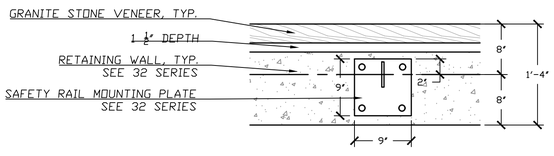
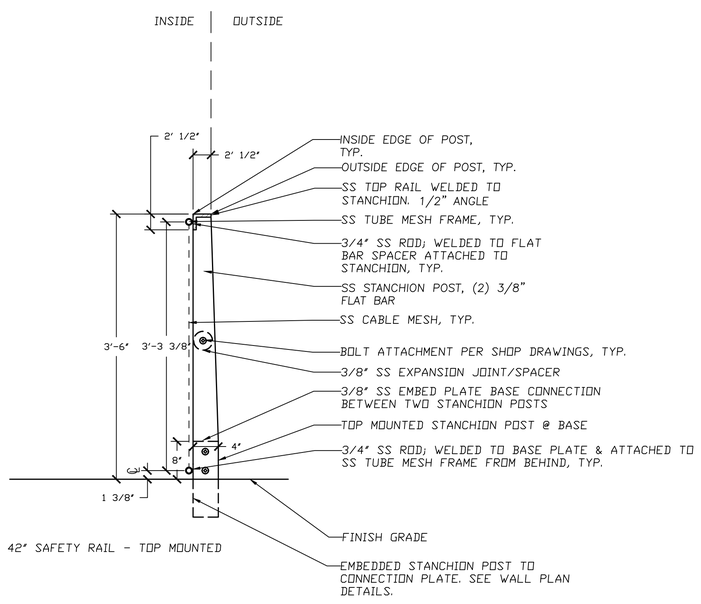
VERIFIED:		DATE:		



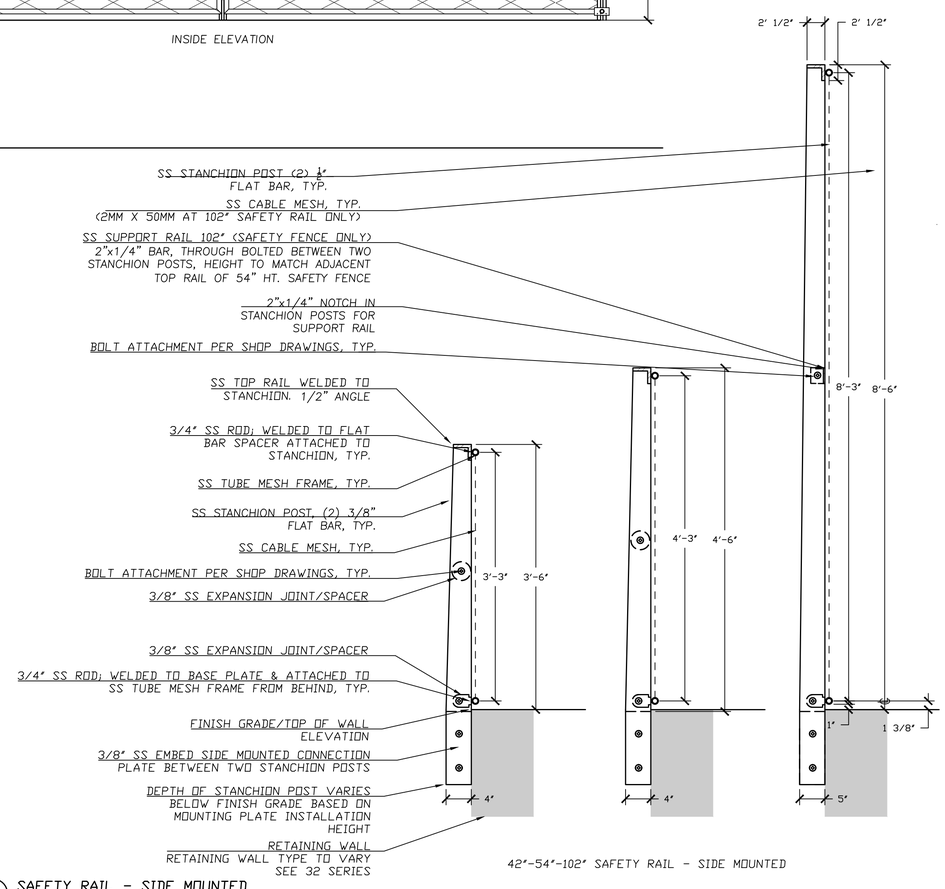
1 SAFETY RAIL - INSIDE AND OUTSIDE ELEVATIONS
1" = 1' SCALE



2 SAFETY RAIL MOUNTING PLATE
1" = 1' SCALE



3 SAFETY RAIL- TOP MOUNTED
1" = 1' SCALE



4 SAFETY RAIL - SIDE MOUNTED
1" = 1' SCALE

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REVISION DATES

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ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

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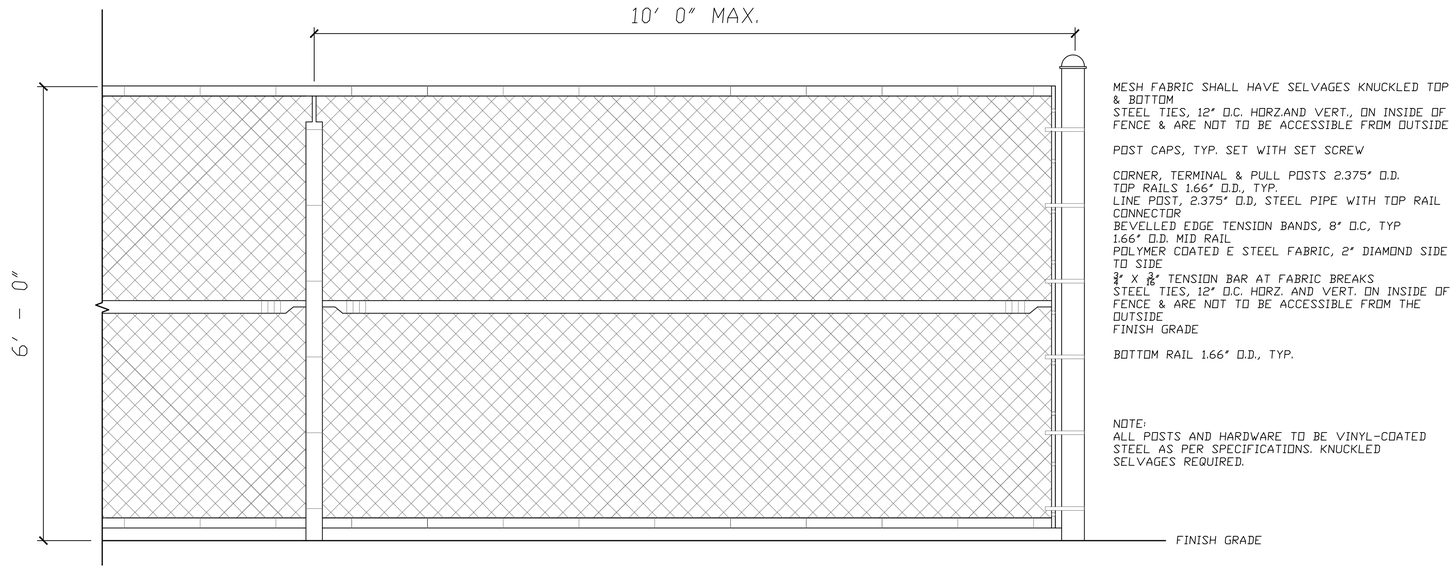
CORRECTED:		DATE:	
VERIFIED:		DATE:	



MESH FABRIC SHALL HAVE SELVAGES KNUCKLED TOP & BOTTOM
STEEL TIES, 12" O.C. HORZ.AND VERT., ON INSIDE OF FENCE & ARE NOT TO BE ACCESSIBLE FROM OUTSIDE

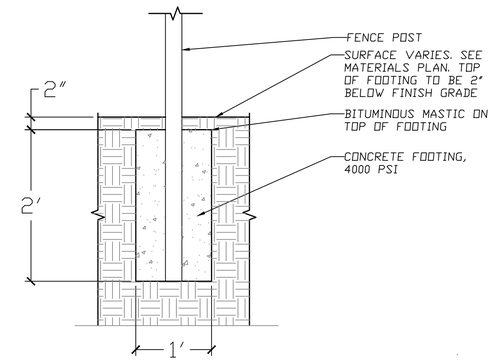
POST CAPS, TYP. SET WITH SET SCREW

CORNER, TERMINAL & PULL POSTS 2.375" O.D.
TOP RAILS 1.66" O.D., TYP.
LINE POST, 2.375" O.D, STEEL PIPE WITH TOP RAIL CONNECTOR
BEVELLED EDGE TENSION BANDS, 8" O.C, TYP
1.66" O.D. MID RAIL
POLYMER COATED E STEEL FABRIC, 2" DIAMOND SIDE TO SIDE
$\frac{3}{4}$" X $\frac{3}{8}$" TENSION BAR AT FABRIC BREAKS
STEEL TIES, 12" O.C. HORZ. AND VERT. ON INSIDE OF FENCE & ARE NOT TO BE ACCESSIBLE FROM THE OUTSIDE
FINISH GRADE

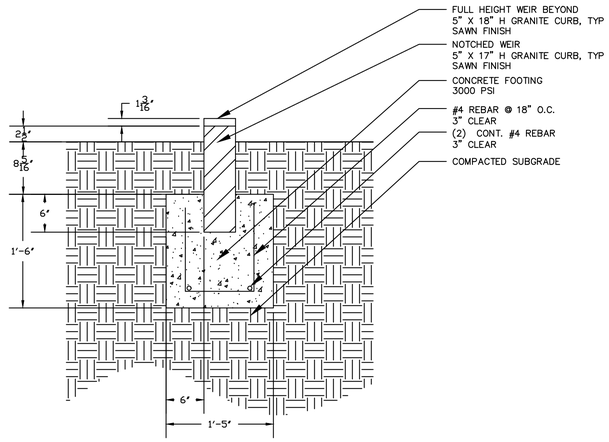
BOTTOM RAIL 1.66" O.D., TYP.

NOTE:
ALL POSTS AND HARDWARE TO BE VINYL-COATED STEEL AS PER SPECIFICATIONS. KNUCKLED SELVAGES REQUIRED.

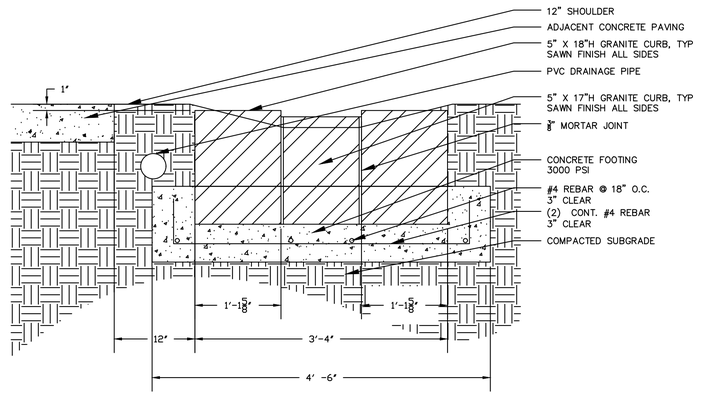
1 CHAIN LINK FENCE
1" = 1' SCALE



2 FENCE POST FOOTING
1" = 1' SCALE



CROSS SECTION



SECTION

3 GRANITE WEIR
1" = 1' SCALE

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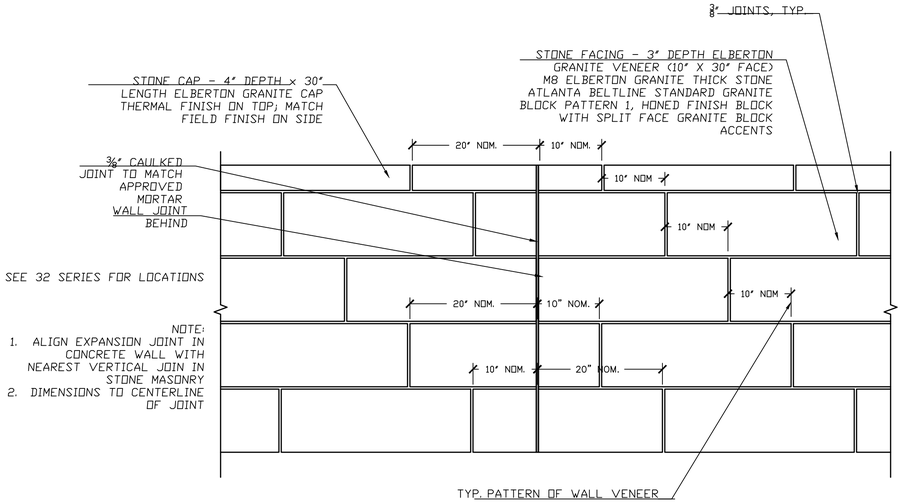
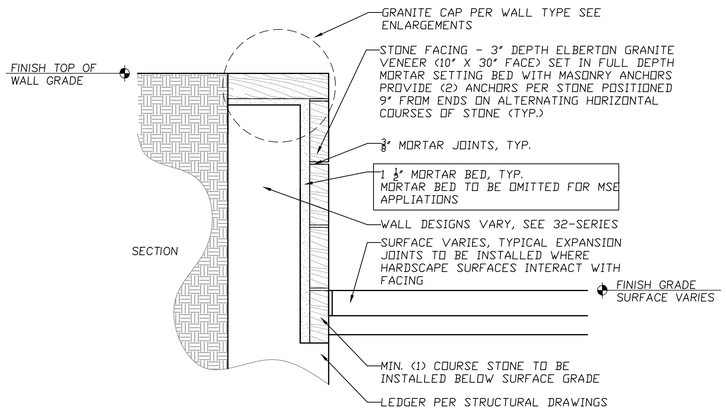
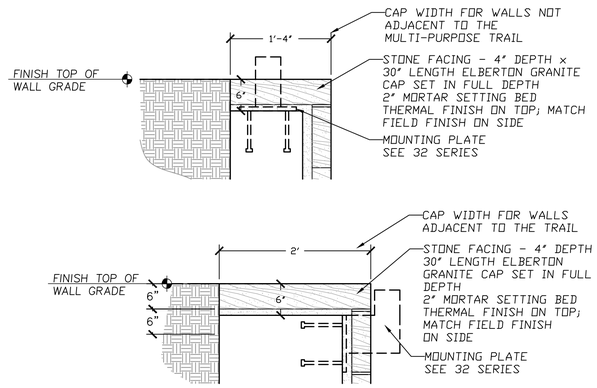
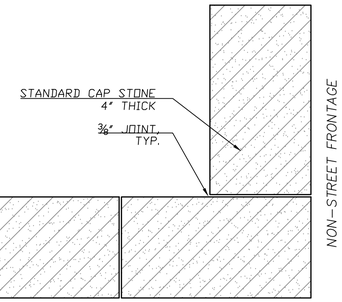


1 GRANITE STONE VENEER
1'-0" = 1'-0" SCALE

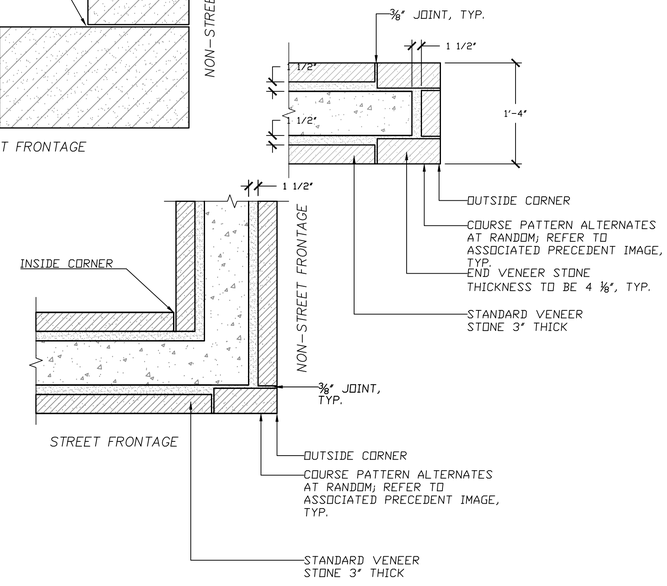




3 GRANITE STONE VENEER
1" = 1' SCALE



CAPSTONE PLAN DETAIL



4 WALL END/CORNER CONDITION
1'-0" = 1'-0" SCALE

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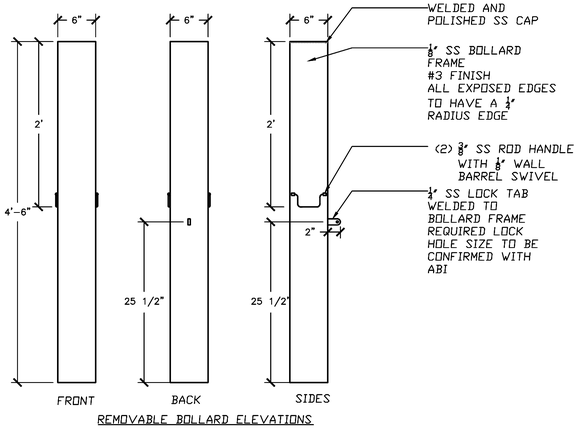
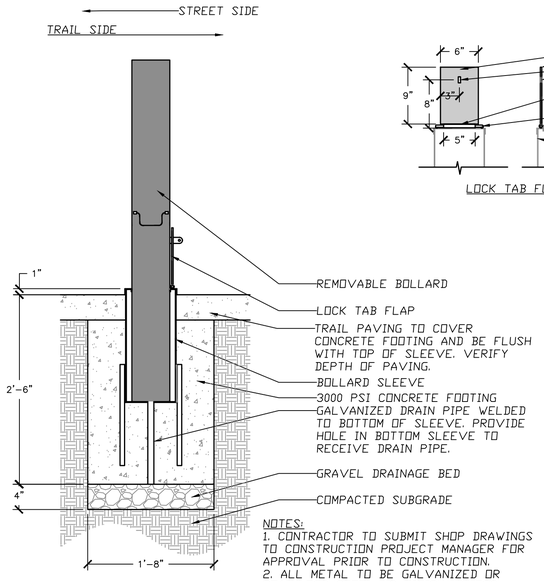
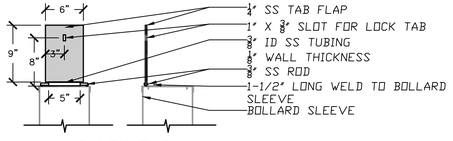


REMOVABLE BOLLARD ELEVATIONS

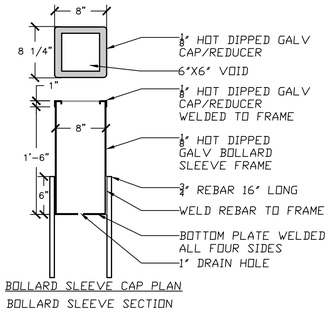


REMOVABLE BOLLARD SECTION

NOTES:
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO CONSTRUCTION PROJECT MANAGER FOR APPROVAL PRIOR TO CONSTRUCTION.
2. ALL METAL TO BE GALVANIZED OR STAINLESS STEEL #3 FINISH UNLESS OTHERWISE SPECIFIED.



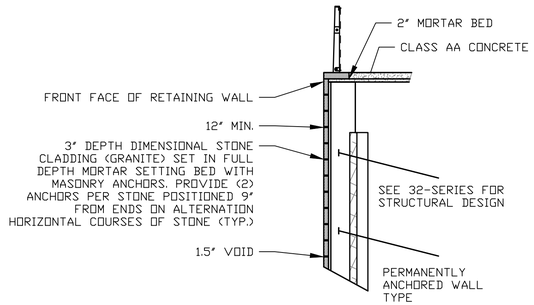
LOCK TAB FLAP



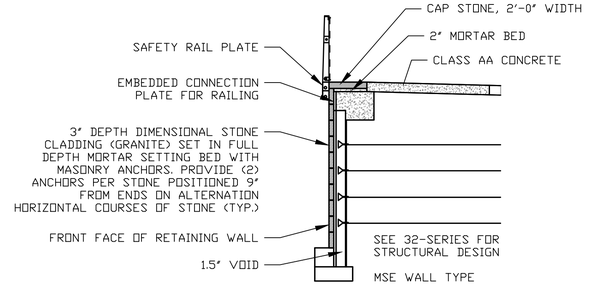
BOLLARD SLEEVE CAP PLAN

BOLLARD SLEEVE SECTION

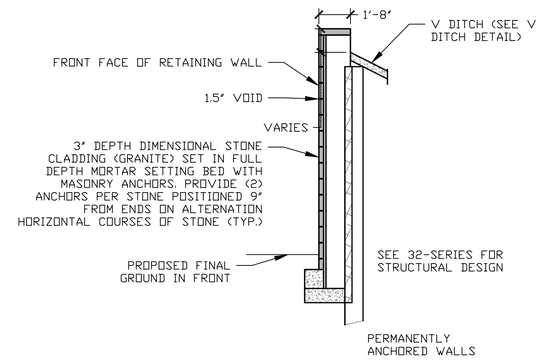
1 BOLLARD
1"-1' SCALE



2 PERMANENTLY ANCHORED WALLS AT THE RAMPS
1"-1' SCALE



3 MECHANICALLY STABILIZED EARTH WALLS
1"-1' SCALE



4 PERMANENTLY ANCHORED WALLS
1"-1' SCALE

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REVISION DATES

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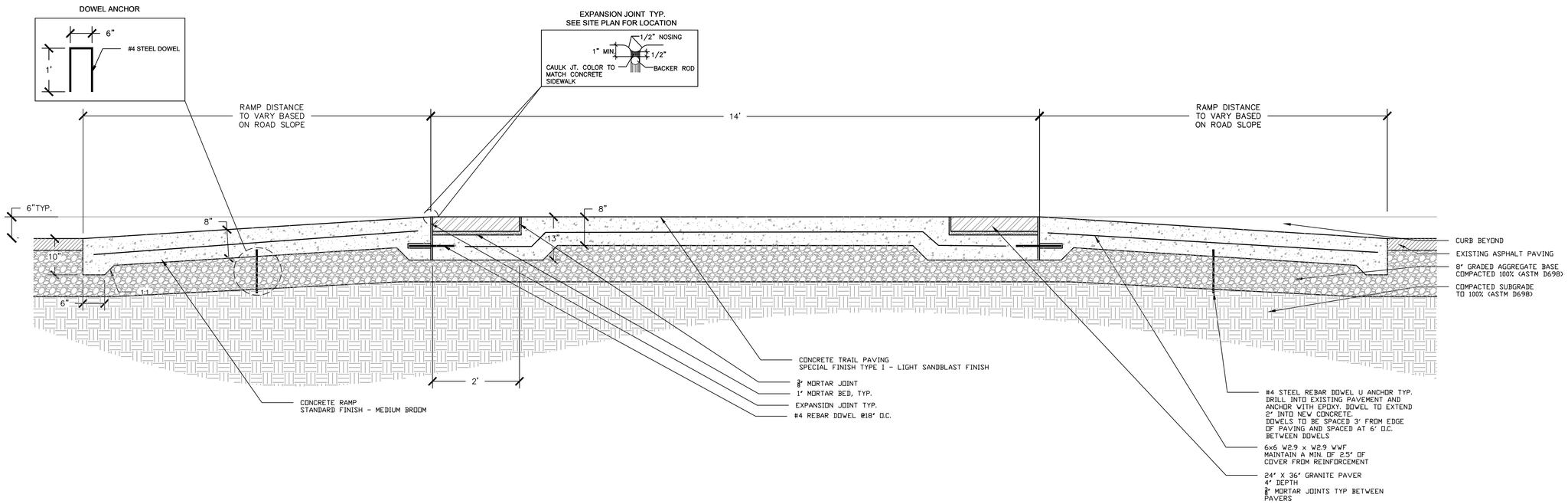

1 BOULEVARD SPEED TABLE
3/4" = 1' SCALE

$REFTAG
$REFTAG
$REFTAG
$REFTAG
$REFTAG
$REFTAG

10/23/2015 GPL

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TEL: (404) 419-8700

REVISION DATES

SPECIAL CONSTRUCTION DETAIL
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

CHECKED:		DATE:		DRAWING No.
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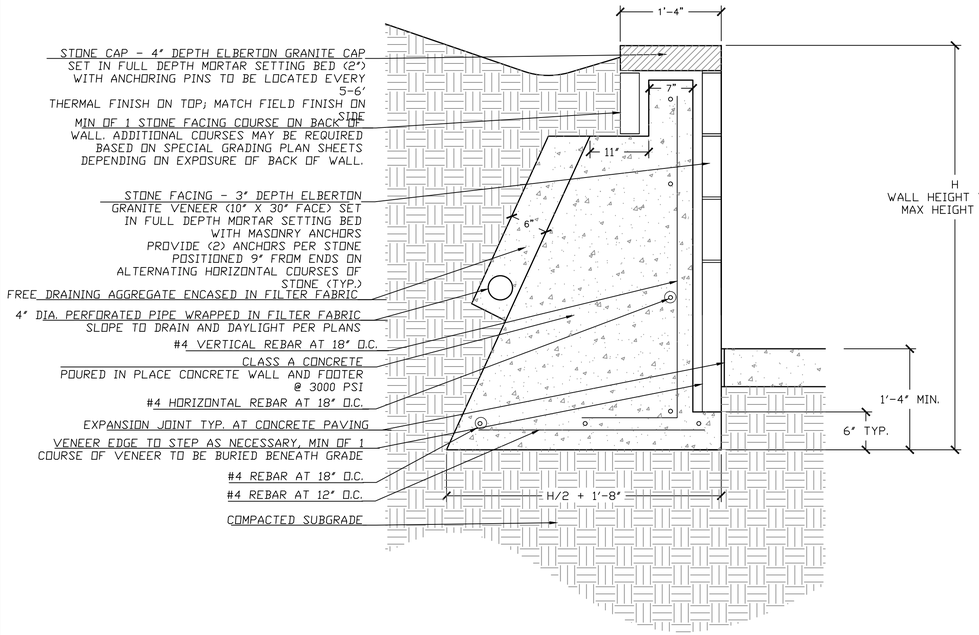
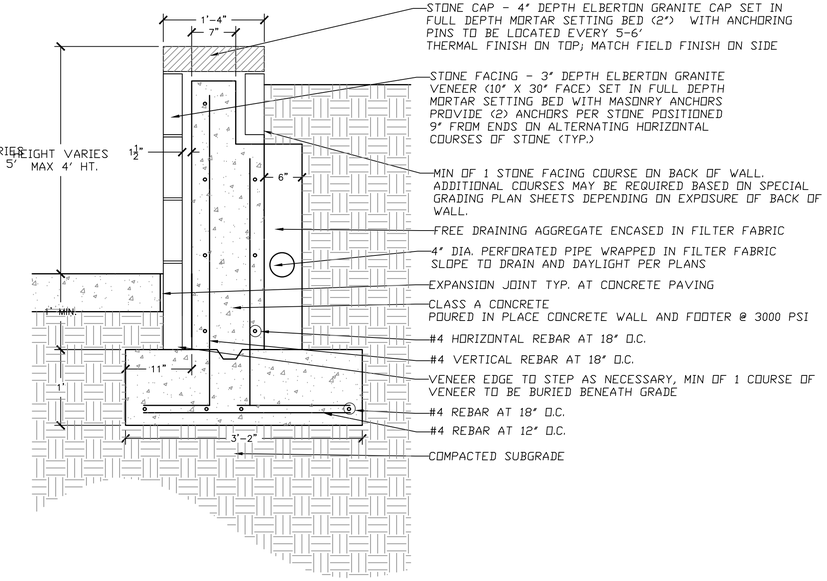
CORRECTED:		DATE:		
VERIFIED:		DATE:		

GRAVITY WALL SECTION



CANTILEVER WALL SECTION



GENERAL RETAINING WALL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND STABILITY OF ANY TEMPORARY SLOPES OR TEMPORARY SHORING THAT MAY BE REQUIRED TO INSTALL THE RETAINING WALLS. ANY TEMPORARY SHORING REQUIRED SHALL BE DESIGNED, SIGNED, AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF GEORGIA.

2. CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF THE LATEST EDITION OF ACI-301, SPECIFICATIONS FOR STRUCTURAL CONCRETE, PUBLISHED BY THE AMERICAN INSTITUTE, FARMINGTON HILLS, MICHIGAN, EXCEPT AS MODIFIED BY THESE CONTRACT DOCUMENTS.

3. CONCRETE MIX DESIGN FOR ALL CONCRETE WORK IS REQUIRED TO BE SUBMITTED TO THE ENGINEER FOR REVIEW. THE CONCRETE SUPPLIER SHALL HAVE A QUALITY CONTROL PROCEDURE FOR THE PRODUCTION OF ALL CONCRETE, WHICH MEETS CURRENT ACI AND ASTM STANDARDS.

4. THE CONCRETE MIX DESIGN SHALL INCLUDE ENTRAINED AIR IN ACCORDANCE WITH ACI 301 FOR MODERATE EXPOSURE.

5. WALL BACKFILL MATERIALS SHOULD BE COMPACTED TO AT LEAST 95% OF THE SOIL'S STANDARD PROCTOR MAXIMUM DRY DENSITY.

6. WALL BACKFILL MATERIALS PLACED WITHIN A DISTANCE OF 4 FEET OF THE RETAINING WALL SHALL BE COMPACTED WITH HAND OPERATING EQUIPMENT.

CANTILEVER TYPE RETAINING WALL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING FOOTING ELEVATIONS AND FOOTING STEP LOCATIONS BASED ON CRITERIA ESTABLISHED ON THE PLANS. A MINIMUM COVER OF 2'-0" MUST BE MAINTAINED AT THE FRONT FACE OF THE FOOTING TOE.

2. DETAILING OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE ACI DETAILING MANUAL, AND CONCRETE REINFORCING INSTITUTE'S LATEST EDITION OF "MANUAL OF STANDARD PRACTICE." ALL SHOP DRAWINGS PERTAINING TO REINFORCING STEEL DETAILS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.

3. REINFORCING: ASTM A615, GRADE 60. REINFORCING THAT REQUIRES WELDING SHALL BE ASTM A706.

4. ALL LAP SPLICES SHALL BE 50 X BAR DIAMETERS UNLESS OTHERWISE NOTED.

5. BAR SUPPORTS, DESIGN, DETAILING, FABRICATION AND PLACEMENT OF REINFORCING BARS SHALL BE IN ACCORDANCE WITH ACI 318-11 (BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE) AND ACI 315-99 (DETAILING MANUAL).

6. FOOTING EXCAVATION - EXCAVATION FOR WALL FOOTINGS SHALL BE DONE WITH CARE TO PREVENT UNDERCUTTING. CONTRACTOR SHALL HAVE THE GEOTECHNICAL ENGINEER CONFIRM THAT UNDISTURBED SOILS PROVIDE REQUIRED ALLOWABLE BEARING CAPACITIES. NOTIFY ENGINEER IF UNDERCUTTING IS REQUIRED TO ACHIEVE REQUIRED BEARING CAPACITIES.

7. WALL JOINTS - CONTRACTION JOINTS SHALL BE LOCATED AT A MAXIMUM SPACING OF 35'-0" AND SHALL EXTEND THROUGH THE WALL STEM ONLY.

8. CLEARANCE - MAINTAIN 3" CLEARANCE ON ALL FOOTING REINFORCING, 2" CLEARANCE ON ALL STEM REINFORCING.

9. STEM LONGITUDINAL REINFORCING SHALL NOT EXTEND THROUGH CONTRACTION JOINTS. WHERE FOOTING SIZE CHANGES, LONGITUDINAL REINFORCING FOR SMALLER FOOTING SHALL EXTEND 1'-6" MINIMUM INTO LARGER FOOTING.

GRAVITY TYPE RETAINING WALL NOTES:

1. EXPANSION JOINTS SHALL BE LOCATED AT A MAXIUM SPACING OF 90'-0" AND EXTEND THROUGH THE WALL. CONTRACTION JOINTS SHALL BE LOCATED AT A MAXIMUM SPACING OF 30'-0".

(2) ARCHITECTURAL WALL (GRAVITY/CANTILEVER)
1"=1' SCALE

ATLANTA BELTLINE, INC.
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KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
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ATLANTA, GEORGIA 30308
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REVISION DATES

SPECIAL CONSTRUCTION DETAIL
ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

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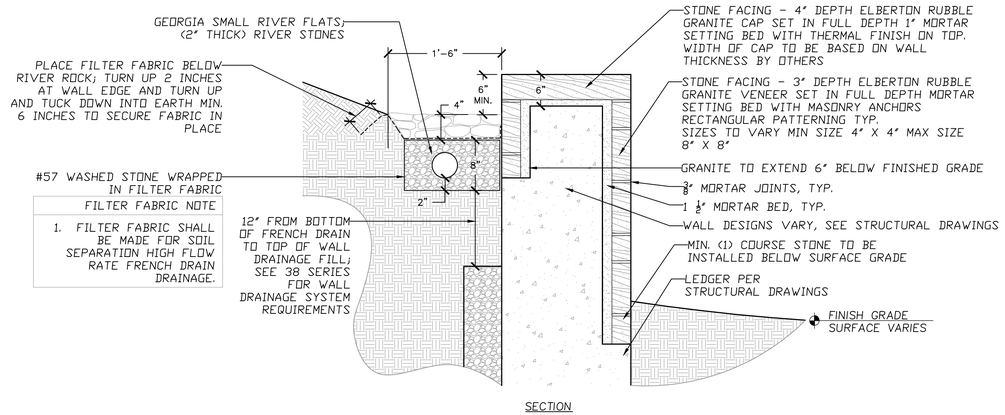
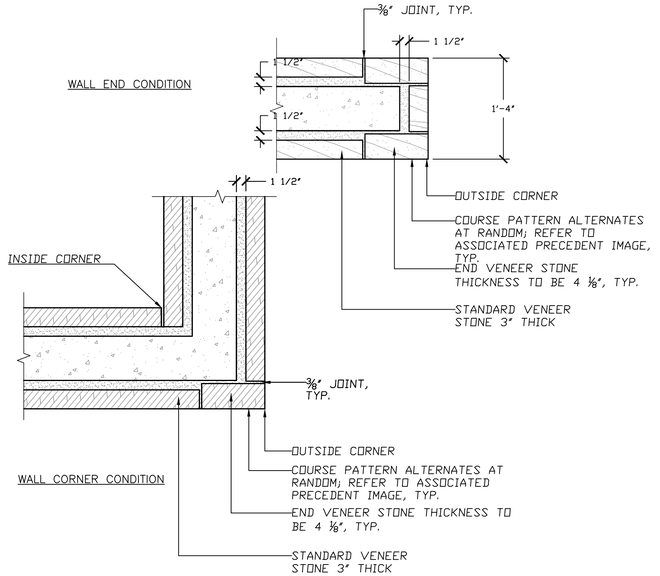


SECTION

1 FRENCH DRAIN AT GRANITE RUBBLE WALL
1" = 1' SCALE

ABI BUILT WALL CONDITION - PRECEDENT IMAGE:



2 GRANITE RUBBLE WALL CORNER AND & END DETAILS
1" = 1' SCALE

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SURFACE 678, P.A.
215 MORRIS STREET, SUITE 150
DURHAM, NC 27701
WWW.SURFACE678.COM
TEL: (919) 419-1199
FAX: (919) 419-1669

SCALE IN FEET
0 20 40 80

REVISION DATES

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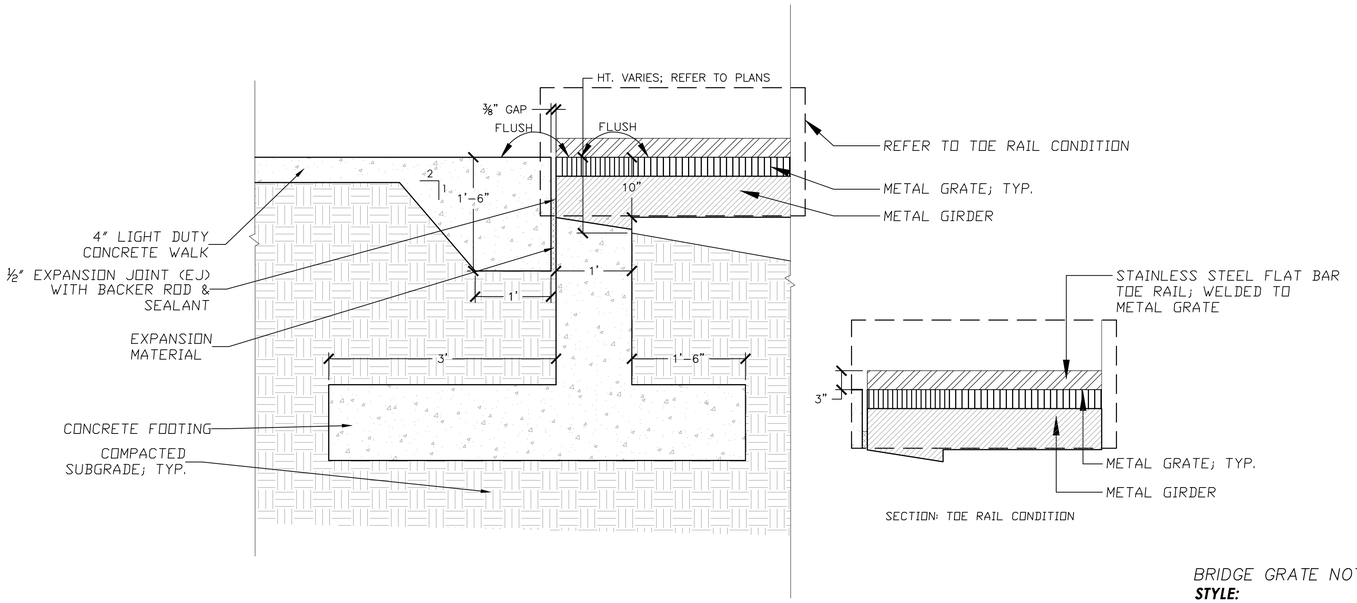
10/23/2015 GPL

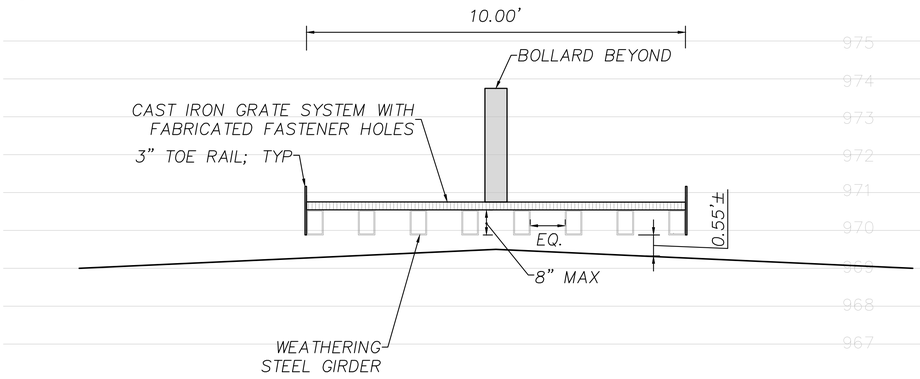
GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY MEASUREMENT FOR BRIDGE MANUFACTURER FOUNDATION DESIGN COORDINATION.
2. COST OF PREFABRICATED BRIDGE AND FOUNDATIONS TO BE INCLUDED IN THE COST OF PAY ITEM #XXX-XXXX.
3. BRIDGE AND FOUNDATION INFORMATION IS PROVIDED FOR DESCRIPTION OF INTENT ONLY AND REQUIRES FULL DESIGN AND ENGINEERING BY DELEGATED BRIDGE DESIGNER.
4. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS SEALED BY ENGINEER REGISTERED IN THE STATE OF GEORGIA FOR REVIEW AND APPROVAL BY KIMLEY-HORN/SURFACE 678.
5. BRIDGE AND FOUNDATION SHALL BE DESIGNED TO ACCOMMODATE PEDESTRIAN, BICYCLE, AND SMALL MAINTENANCE GATOR SIZE VEHICLES, NOT FULL SIZE COMMERCIAL VEHICLES OR SERVICE TRUCK VEHICLES.



SECTION: TOE RAIL CONDITION

2 DH STANTON PEDESTRIAN BRIDGE CROSS SECTION
1/2" = 1' SCALE



1 DH STANTON PEDESTRIAN BRIDGE CROSS SECTION
1/2" = 1' SCALE

BRIDGE GRATE NOTES:

STYLE:
CONTINUOUS SURFACE BAR OR WIRE WITH SUPPORTING BAR OR ROD BELOW THE SURFACE.

MATERIAL:
CAST IRON, WELD SURFACE BAR/WIRE AND SUPPORT BAR/ROD.

FINISH FOR ALL GRATES:
STANDARD FINISH IS RAW, AS CAST.

GRATE SECURE ATTACHMENT METHOD FOR ALL GRATES:
WELDED IN PLACE PER FABRICATOR.

DIMENSIONAL ALIGNMENT:
ALL GRATES SHALL BE PRODUCED TO CENTER ALIGN GRATING WITHIN OVERALL FRAME WHILE MAINTAINING MAXIMUM SLOT OPENING REQUIREMENT.

BRIDGE GRATE SYSTEM - EXPANDABLE DESIGN:
SURFACE BAR: 0.25 INCH THICKNESS X 1.00 INCH DEPTH.
SUPPORT BAR: 2.50 INCH HEIGHT WITH A 0.25 INCH DEEP NOTCH.
TOTAL SURFACE BAR AND SUPPORT BAR HEIGHT: 3.25 INCHES.
SUPPORT BAR SPACING: PER MANUFACTURER TO SATISFY LOADING REQUIREMENT.
SLOT OPENING: 7/16 INCH – ADA COMPLIANT; HEEL PROOF; SLIP RESISTANT; SURFACE BARS SHALL RUN PERPENDICULAR TO DIRECTION OF PEDESTRIAN TRAFFIC.
OPEN AREA RATIO: 50%.

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0 20 40 80

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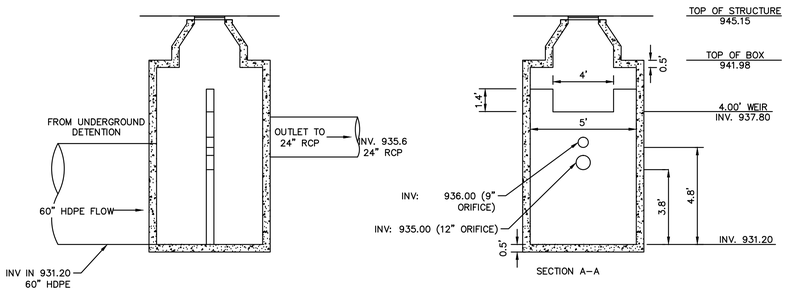
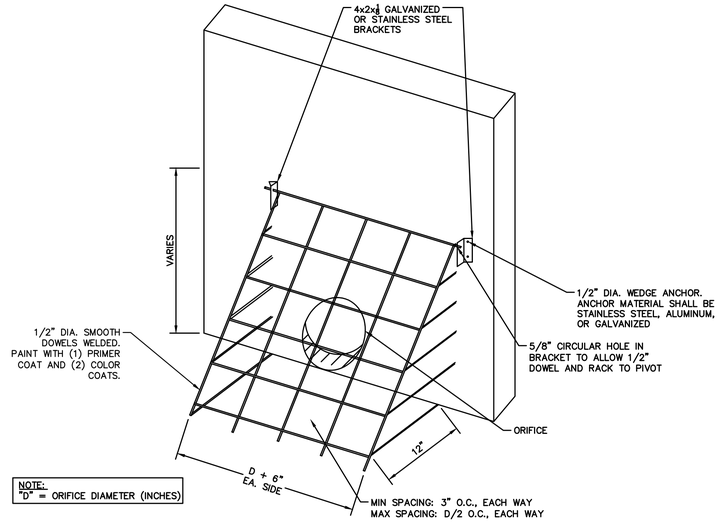


1 OUTLET CONTROL STRUCTURE G-2 (POND G)
SCALE:NTS



2 OUTLET CONTROL STRUCTURE TYPICAL TRASH RACK DETAIL
SCALE:NTS

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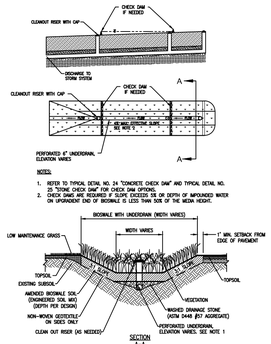

1 BIOSWALE WITH UNDERDRAIN
SCALE:NTS

NOTES:

1. INFILTRATION RATE SHALL BE FIELD VERIFIED BY A CERTIFIED PROFESSIONAL.
2. BIOSWALE SIZE AND LAYOUT SHALL BE AS INDICATED ON THE PLANS. SIZE SHALL BE BASED ON VOLUME NEEDED FOR STORAGE OF RRv.
3. TYPICAL STORAGE DEPTH FOR BIOSWALE SHALL BE 9". PLANTINGS SHOULD BE LOCATED ACCORDING TO THEIR WATER TOLERANCE AND ANTICIPATED FLOW DEPTH. WATER SHOULD NOT REMAIN IN BIOSWALE LONGER THAN 48 HOURS.
4. GRAVEL AND PERFORATED PIPE UNDERDRAIN SYSTEM:
   a. DRAINAGE STONE: 8" LAYER ASTM D448 SIZE NO. 57 WASHED STONE SEPARATED BY A THIN 2" TO 4" LAYER OF CHOKER STONE (ASTM D448 SIZE NO. 8, 3/8" TO 1/8" OR ASTM D448 SIZE NO. 89, 3/8" TO 1/16").
   b. PERFORATED PIPE: 4" TO 6" PERFORATED HDPE (AASHTO M 252), 3/8" PERFORATION SPACED 6" ON CENTER, MINIMUM SLOPE OF 0.5% (NO SOCK PIPES SHALL BE PERMITTED). CONNECT UNDERDRAIN PIPES (IF USED) TO STORM SEWER SYSTEM PER PLANS. UNDERDRAIN PIPES SHALL BE PERFORATED OR SLOTTED AND SIZED BASED ON FLOW RATE. (4" MIN. DIA.).
   c. NON-WOVEN SEPARATION GEOTEXTILE SHALL BE UTILIZED ON THE SIDE SURFACE INTERFACES ONLY TO PREVENT SOIL MOVEMENT INTO THE SUBBASE.
5. REFER TO GUIDE SPECIFICATIONS FOR TOPSOIL AND ENGINEERED SOIL MIX REQUIREMENTS.
6. WHERE PERMEABLE PAVEMENTS (SUCH AS ASPHALT) ARE USED NEAR BIOSWALES, PROTECT STONE BASE UNDER PAVEMENT WITH GEOTEXTILE TO PREVENT SOIL MOVEMENT INTO PERMEABLE PAVEMENT BASE. SEE PERMEABLE PAVEMENT DETAIL.
7. WHERE LOW PERMEABILITY PAVEMENTS ARE USED NEAR BIOSWALES, PROTECT PAVEMENT BASE WITH IMPERVIOUS LINER TO MINIMIZE WATER MIGRATION UNDER PAVEMENT.
8. BIOSWALES SHALL NOT BE CONSTRUCTED OVER SEPTIC TANKS.
9. INLETS TO BIOSWALE MAY INCLUDE SHEET FLOW ACROSS A GRASS FILTER STRIP (TYPICAL DETAIL NO. 12), DISCHARGE FROM A PIPE, CURB CUT WITH RIVER COBBLE FLUME (TYPICAL DETAIL NO. 11), FOREBAY, OR OTHER ENERGY DISSIPATION DEVICE.
10. TO PREVENT FAILURE DUE TO SEDIMENT ACCUMULATION, BIOSWALES SHALL BE CONSTRUCTED AFTER THEIR CONTRIBUTING DRAINAGE AREA HAS BEEN COMPLETELY STABILIZED. IF THIS IS NOT FEASIBLE, STORMWATER FLOW SHALL BE DIVERTED AROUND BIOSWALE.
11. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE USED TO PROTECT BIOSWALES. DIVERT POST-CONSTRUCTION STORMWATER RUNOFF AROUND BIOSWALES UNTIL VEGETATIVE COVER HAS BEEN ESTABLISHED.
12. HEAVY VEHICULAR AND FOOT TRAFFIC SHALL BE KEPT OUT OF BIOSWALES DURING AND AFTER CONSTRUCTION TO PREVENT SOIL COMPACTION.
13. NATIVE SOILS ALONG BOTTOM OF THE BIOSWALE SHALL BE TILLED TO MINIMUM DEPTH OF 6" PRIOR TO PLACEMENT OF AN UNDERDRAIN AND/OR ENGINEERED SOIL MIX.
14. DURING EXCAVATION, HEAVY MACHINERY SHALL NOT DRIVE OVER EXPOSED UNDERLYING SOILS.
15. EXCAVATE IN DRY CONDITIONS AS OFTEN AS PRACTICABLE.
16. USE TRACKED VEHICLES.
17. EXCAVATE FINAL 9" TO 12" WITH TEETH OF BUCKET (DO NOT SMEAR).
18. SUBSOILS SHALL BE SCARIFIED (NOT COMPACTED) PRIOR TO PLACEMENT OF CLEAN, WASHED DRAINAGE STONE.
19. IF STORMWATER BIOSWALE IS CONSTRUCTED NEXT TO AN EXISTING SIDEWALK, SOIL ELEVATIONS MUST BE BROUGHT TO TOP OF CURB AND SLOPE AWAY FROM CURB AT A 4:1 SLOPE.
20. STONE CHECK DAMS SHALL BE CONSTRUCTED OF GRADED SIZE 2" TO 10" STONE. MECHANICAL OR HAND PLACEMENT SHALL BE REQUIRED TO ENSURE COMPLETE COVERAGE OF ENTIRE WIDTH OF BIOSWALE, AND THAT CENTER OF DAM IS LOWER THAN EDGES. CHECK DAMS ARE REQUIRED WHEN SLOPE EXCEEDS 5% OR DEPTH OF IMPOUNDED WATER ON UPGRADIENT END OF BIOSWALE IS LESS THAN 50% OF THE MEDIA HEIGHT. SEE TYPICAL DETAILS NO. 24 AND NO. 25 FOR CHECK DAM OPTIONS.

BIOSWALE NOTES

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REVISION DATES

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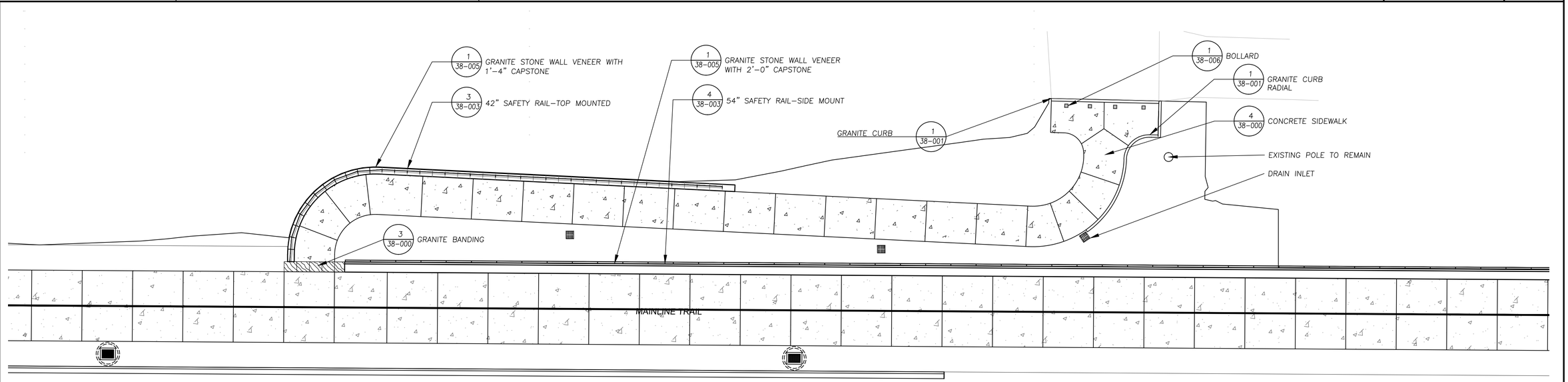

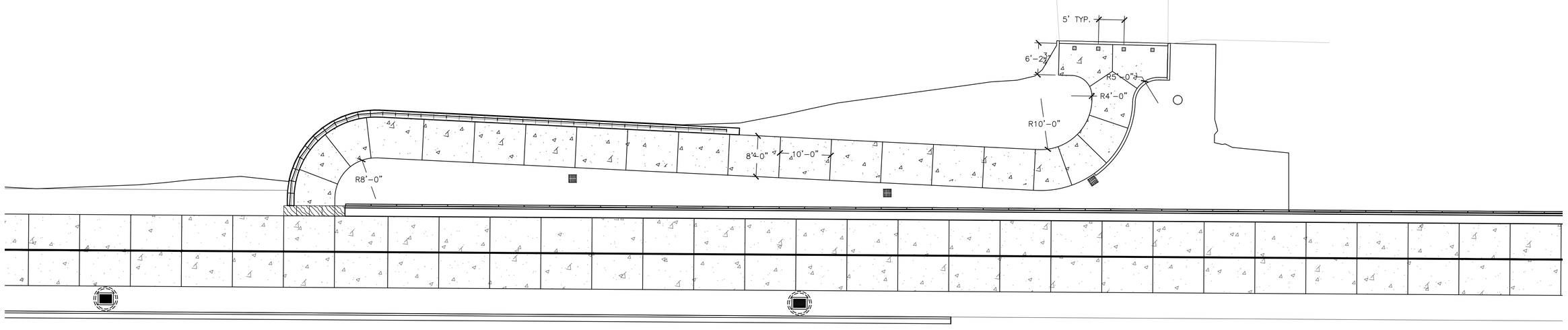

1 GRANT TERRACE ENLARGEMENT
1" = 10' SCALE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

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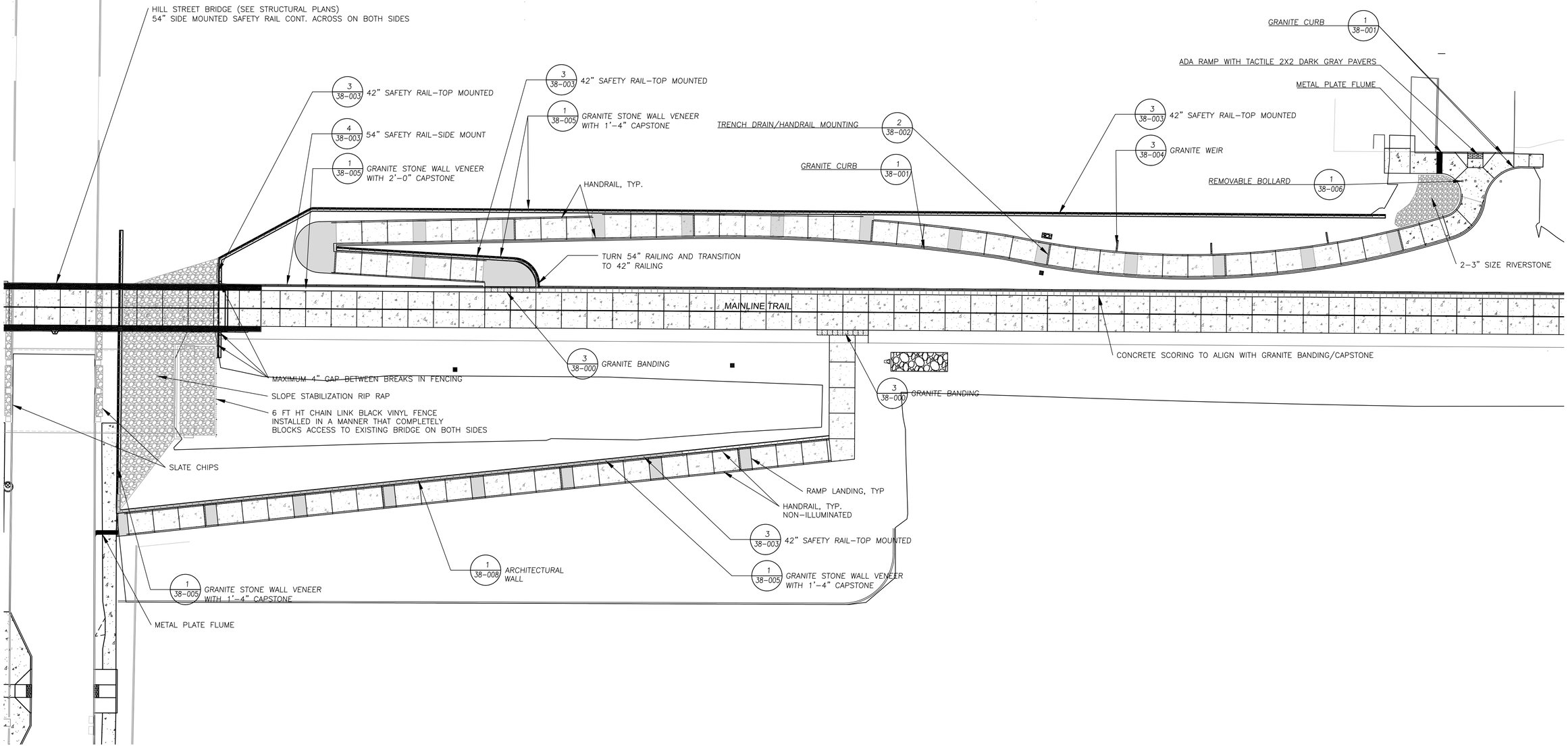

1 HILL STREET / GRANT STREET ENLARGEMENT
1" = 20' SCALE

PROPERTY AND EXISTING R/W LINE —— ℄ ——
REQUIRED R/W LINE ——————
CONSTRUCTION LIMITS — C — F —
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
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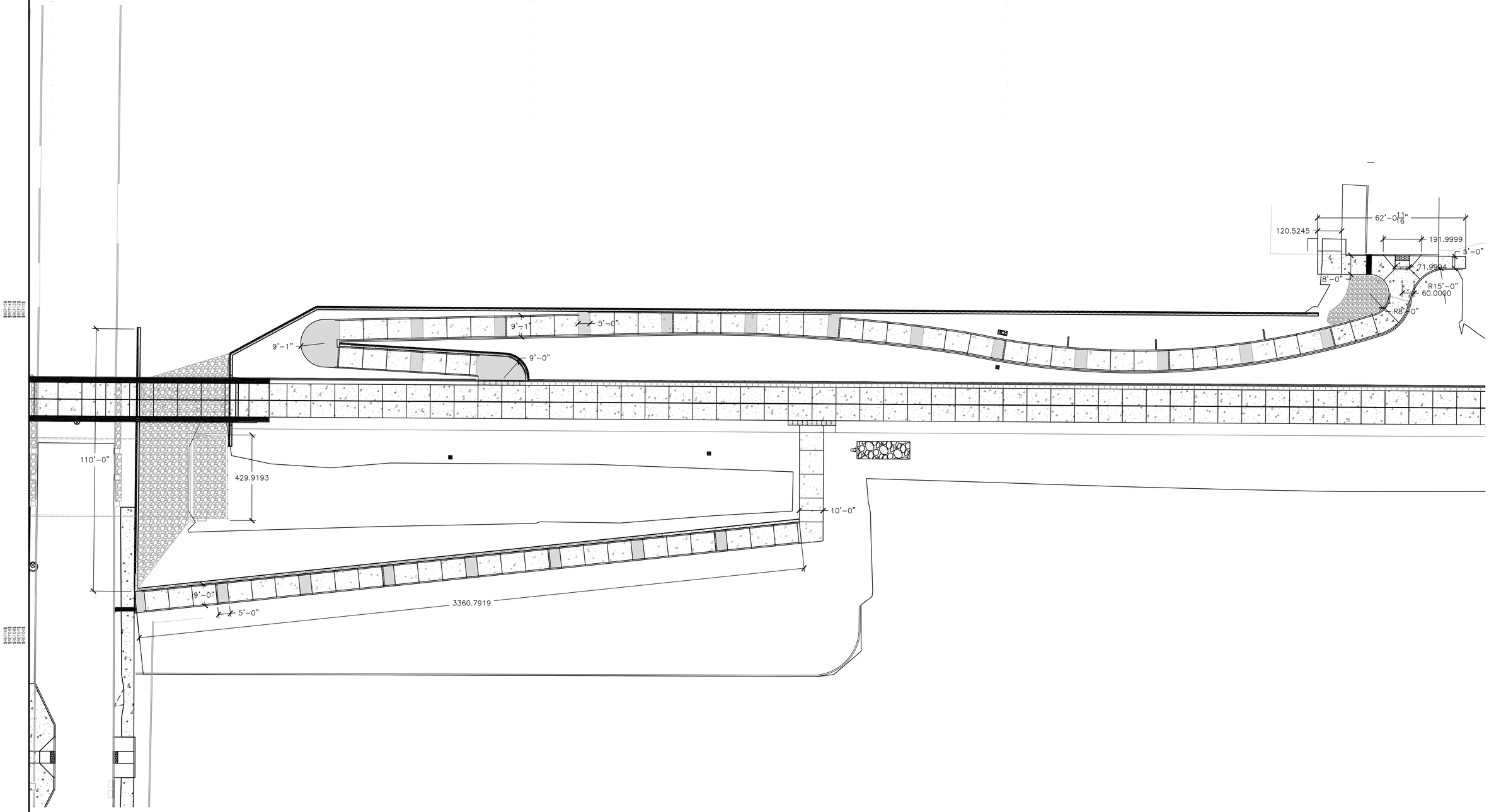

1 HILL STREET ENLARGEMENT
1" = 20' SCALE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
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ENVIRONMENTALLY SENSITIVE AREA

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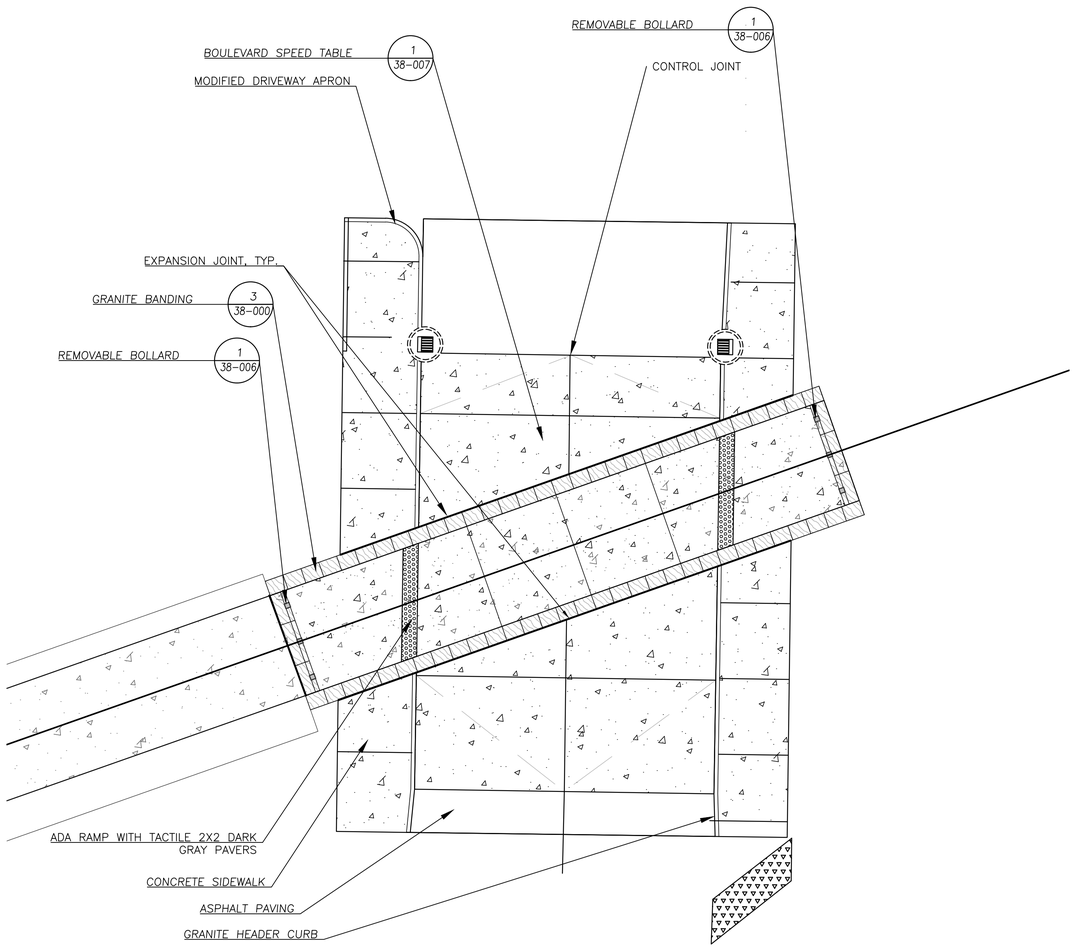
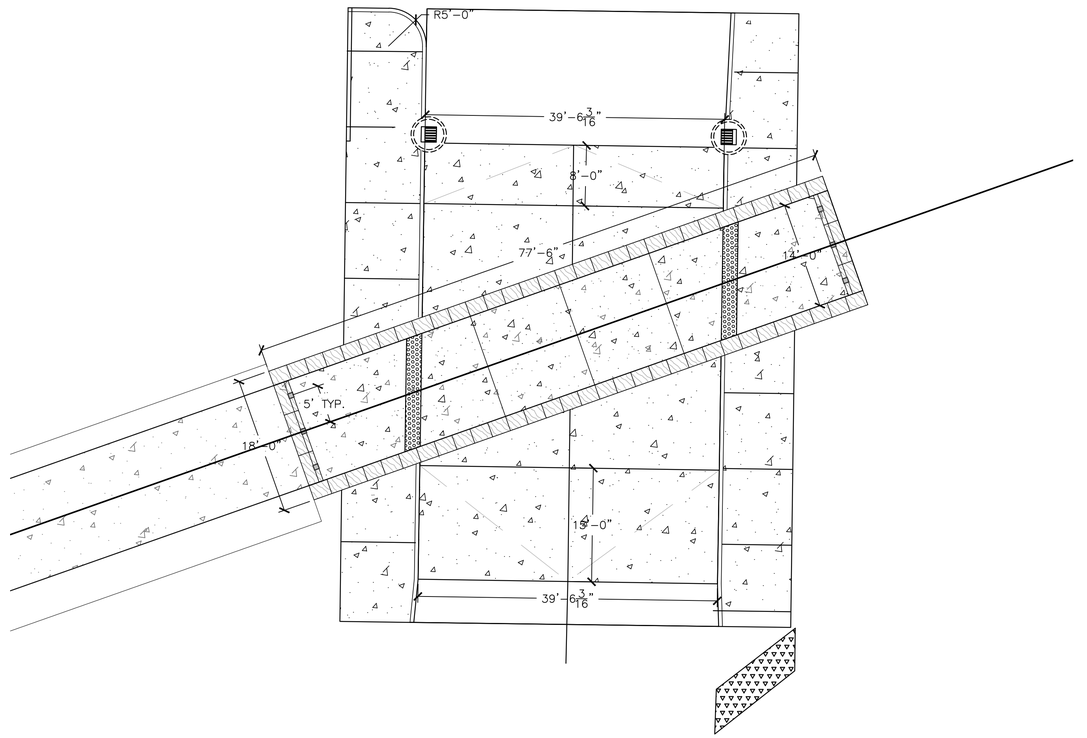
DRAWING No. 38-311

10/23/2015 GPLW





1 BOULEVARD ENLARGEMENT
1" = 10' SCALE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF SLOPES
TEMPORARY EASEMENT FOR CONST. OF DRIVES

ENVIRONMENTALLY SENSITIVE AREA

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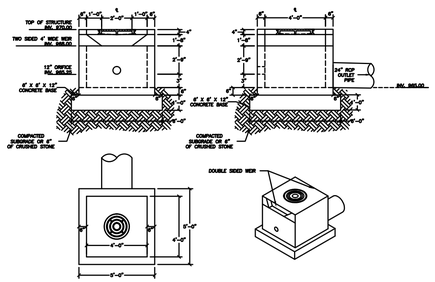
VERIFIED:		DATE:	

10/23/2015 GPLX



DETENTION POND OUTLET CONTROL STRUCTURE H–7
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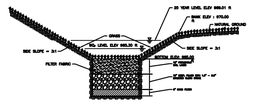
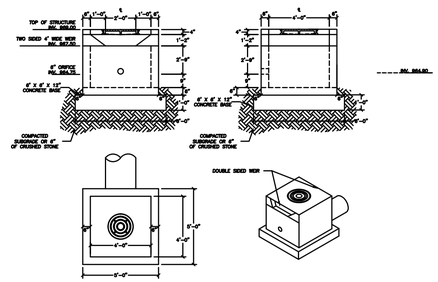
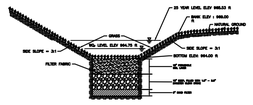


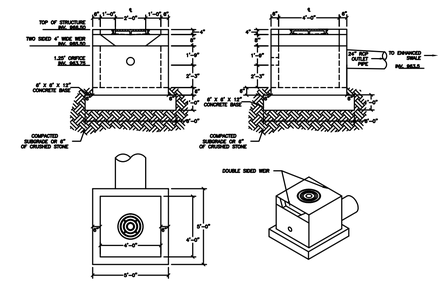
DETENTION POND H–1
SCALE:NTS



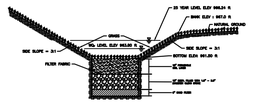
DETENTION POND OUTLET CONTROL STRUCTURE H–5
SCALE:NTS



DETENTION POND H–2
SCALE:NTS



DETENTION POND OUTLET CONTROL STRUCTURE H–3
SCALE:NTS



DETENTION POND H–3
SCALE:NTS

ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
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FAX: (404) 477-3606

KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

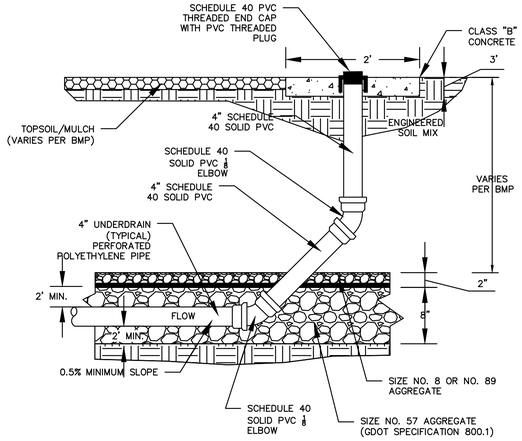
REVISION DATES

SPECIAL CONSTRUCTION DETAIL

ATLANTA BELTLINE SOUTHSIDE TRAIL (SEGMENT 3)

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

DRAWING No.
38-400 ALT



END SECTION UNDERDRAIN CLEANOUT
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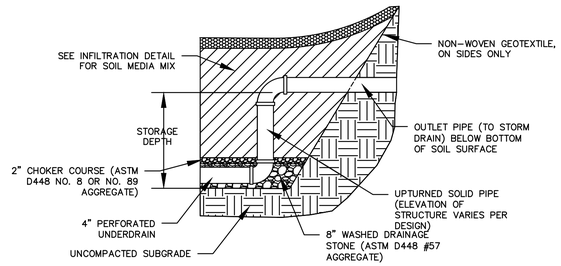
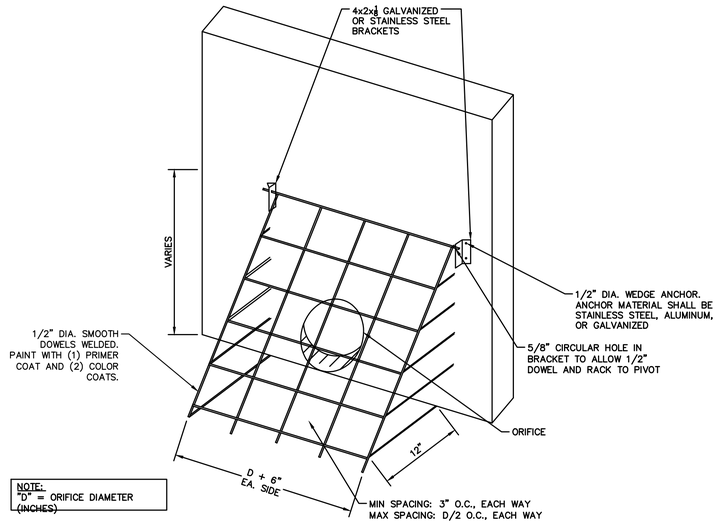


UPTURNED "S" UNDERDRAIN
SCALE:NTS



OUTLET CONTROL STRUCTURE
TYPICAL TRASH RACK DETAIL
SCALE:NTS

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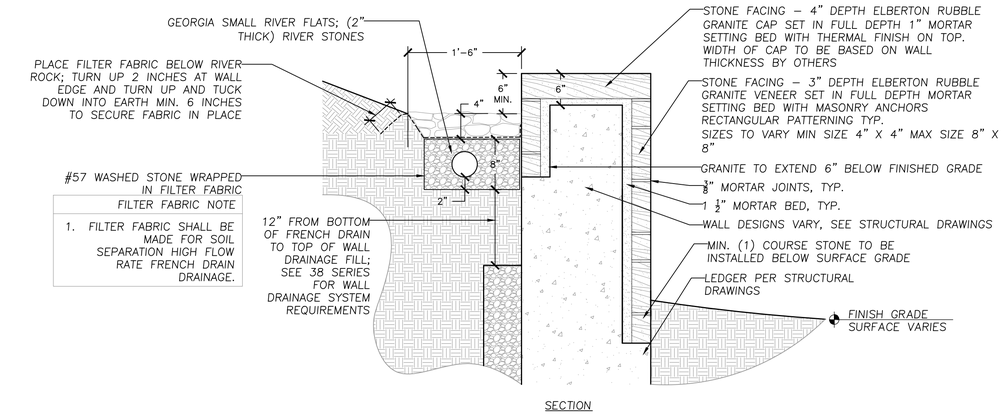
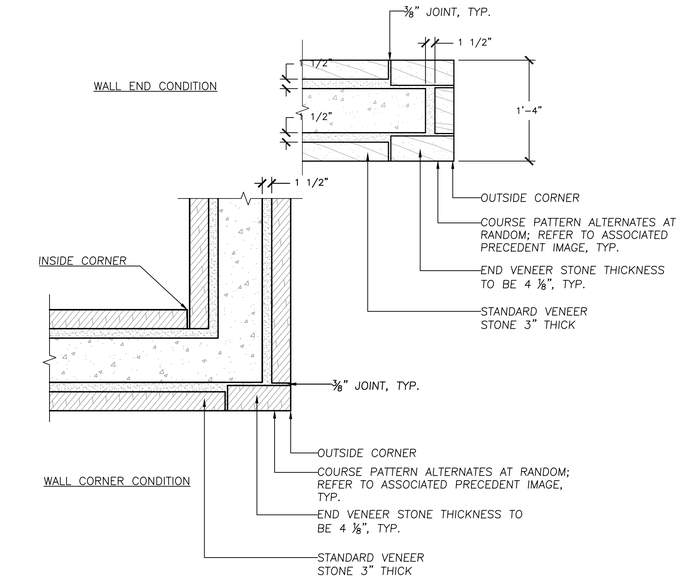
DRAWING No. 38-401 ALT



1 FRENCH DRAIN AT GRANITE RUBBLE WALL
1" = 1' SCALE

production\cad\details\abi rubbel wall precedent.jpg

ABI BUILT WALL CONDITION – PRECEDENT IMAGE:



2 GRANITE RUBBLE WALL CORNER AND & END DETAILS
1" = 1' SCALE

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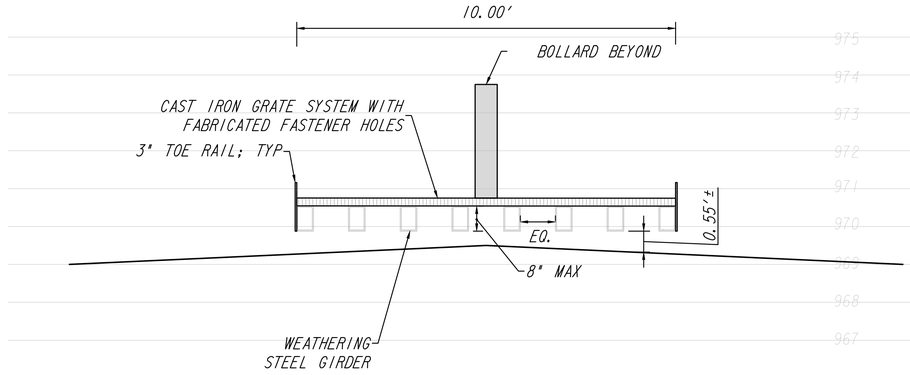
VERIFIED:		DATE:	

DRAWING No. 38-402 ALT

10/23/2015 GPLN



1 DH STANTON PEDESTRIAN BRIDGE CROSS SECTION
1/2" = 1' SCALE

GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY MEASUREMENT FOR BRIDGE MANUFACTURER FOUNDATION DESIGN COORDINATION.
2. COST OF PREFABRICATED BRIDGE AND FOUNDATIONS TO BE INCLUDED IN THE COST OF PAY ITEM *XXX-XXXX.
3. BRIDGE AND FOUNDATION INFORMATION IS PROVIDED FOR DESCRIPTION OF INTENT ONLY AND REQUIRES FULL DESIGN AND ENGINEERING BY DELEGATED BRIDGE DESIGNER.
4. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS SEALED BY ENGINEER REGISTERED IN THE STATE OF GEORGIA FOR REVIEW AND APPROVAL BY KIMLEY-HORN/SURFACE 678.
5. BRIDGE AND FOUNDATION SHALL BE DESIGNED TO ACCOMMODATE PEDESTRIAN, BICYCLE, AND SMALL MAINTENANCE GATOR SIZE VEHICLES, NOT FULL SIZE COMMERCIAL VEHICLES OR SERVICE TRUCK VEHICLES.

BRIDGE GRATE NOTES:

STYLE:
CONTINUOUS SURFACE BAR OR WIRE WITH SUPPORTING BAR OR ROD BELOW THE SURFACE.

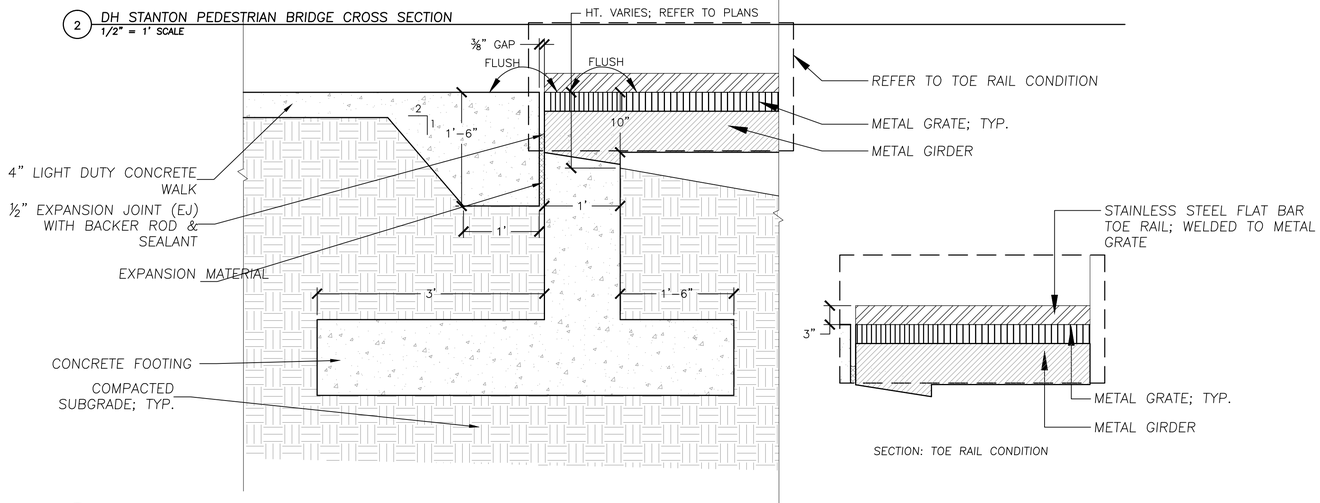
MATERIAL:
CAST IRON, WELD SURFACE BAR/WIRE AND SUPPORT BAR/ROD.

FINISH FOR ALL GRATES:
STANDARD FINISH IS RAW, AS CAST.¼

GRATE SECURE ATTACHMENT METHOD FOR ALL GRATES:
WELDED IN PLACE PER FABRICATOR.

DIMENSIONAL ALIGNMENT:
ALL GRATES SHALL BE PRODUCED TO CENTER ALIGN GRATING WITHIN OVERALL FRAME WHILE MAINTAINING MAXIMUM SLOT OPENING REQUIREMENT.

BRIDGE GRATE SYSTEM - EXPANDABLE DESIGN:
SURFACE BAR:¼ 0.25 INCH THICKNESS X 1.00 INCH DEPTH.
SUPPORT BAR:¼ 2.50 INCH HEIGHT WITH A 0.25 INCH DEEP NOTCH.
TOTAL SURFACE BAR AND SUPPORT BAR HEIGHT:¼ 3.25 INCHES.
SUPPORT BAR SPACING:¼ PER MANUFACTURER TO SATISFY LOADING REQUIREMENT.
SLOT OPENING:¼ 7/16 INCH - ADA COMPLIANT; HEEL PROOF; SLIP RESISTANT;
SURFACE BARS SHALL RUN PERPENDICULAR TO DIRECTION OF PEDESTRIAN TRAFFIC.
OPEN AREA RATIO: 50%.



2 DH STANTON PEDESTRIAN BRIDGE CROSS SECTION
1/2" = 1' SCALE

SECTION: TOE RAIL CONDITION

1 DH STANTON PEDESTRIAN BRIDGE CROSS SECTION
1/2" = 1' SCALE

2 DH STANTON PEDESTRIAN BRIDGE CROSS SECTION
1/2" = 1' SCALE

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